

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115857.D
 Acq On : 31 Jul 2019 11:18
 Operator : HP/JU
 Sample : PB121767BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Manual Integrations
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mohammad
 8/1/2019 5:06:17 PM

Quant Time: Jul 31 18:41:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145610	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584609	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	309318	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	535004	20.00	ng	0.00
76) Chrysene-d12	14.03	240	418915	20.00	ng	0.00
87) Perylene-d12	15.49	264	437720	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	935693	107.58	ng	0.02
7) Phenol-d6	6.49	99	1200458	109.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	776129	76.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	336950	112.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1365877	82.71	ng	0.00
79) Terphenyl-d14	12.96	244	1476117	74.25	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	171392	39.005 ng	100
3) Pyridine	3.46	79	444243	36.192 ng	99
4) n-Nitrosodimethylamine	3.41	42	197831	40.840 ng	98
6) Aniline	6.52	93	493314	31.389 ng	99
8) 2-Chlorophenol	6.64	128	410437	42.673 ng	97
9) Benzaldehyde	6.40	77	235242	31.068 ng	96
10) Phenol	6.50	94	532283	41.189 ng	97
11) bis(2-Chloroethyl)ether	6.59	93	390835	41.135 ng	99
12) 1,3-Dichlorobenzene	6.79	146	444768	40.012 ng	97
13) 1,4-Dichlorobenzene	6.87	146	446613	40.128 ng	99
14) 1,2-Dichlorobenzene	7.02	146	409970	40.004 ng	98
15) Benzyl Alcohol	6.99	79	353011	42.388 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	517668	39.945 ng	99
17) 2-Methylphenol	7.11	107	339690	41.709 ng	99
18) Hexachloroethane	7.36	117	162504	39.657 ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	278720	40.986 ng	96
20) 3+4-Methylphenols	7.26	107	410798	42.624 ng	92
22) Acetophenone	7.26	105	551214	42.992 ng	# 99
24) Nitrobenzene	7.43	77	450569	41.202 ng	97
25) Isophorone	7.67	82	805622	41.600 ng	98
26) 2-Nitrophenol	7.75	139	224827	43.614 ng	98
27) 2,4-Dimethylphenol	7.79	122	361751	46.645 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	489235	40.758 ng	100
29) 2,4-Dichlorophenol	7.99	162	348529	42.562 ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	378710	40.572 ng	99
31) Naphthalene	8.16	128	1180412	42.908 ng	100
32) Benzoic acid	7.93	122	241238	44.120 ng	98
33) 4-Chloroaniline	8.20	127	276506	22.495 ng	99
34) Hexachlorobutadiene	8.27	225	214343	39.866 ng	100
35) Caprolactam	8.57	113	106431m	40.186 ng	
36) 4-Chloro-3-methylphenol	8.69	107	362124	42.509 ng	97
37) 2-Methylnaphthalene	8.85	142	788310	43.510 ng	99
38) 1-Methylnaphthalene	8.95	142	734324	42.842 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349097	42.216 ng	98

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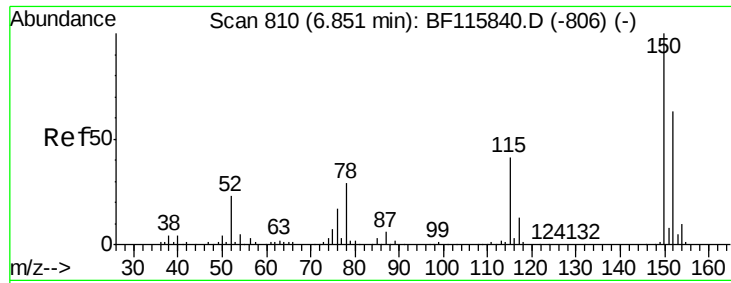
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	309394	83.095	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	227981	40.054	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	245085	41.655	nq	97
46) 1,1'-Biphenyl	9.32	154	937240	42.918	nq	100
47) 2-Chloronaphthalene	9.34	162	738081	40.609	nq	98
48) 2-Nitroaniline	9.43	65	234823	39.087	nq	90
49) Acenaphthylene	9.76	152	1142530	43.088	nq	99
50) Dimethylphthalate	9.62	163	839044	39.839	nq	100
51) 2,6-Dinitrotoluene	9.68	165	189333	41.367	nq	98
52) Acenaphthene	9.93	154	679988	41.801	nq	99
53) 3-Nitroaniline	9.85	138	142039	25.116	nq	90
54) 2,4-Dinitrophenol	9.96	184	173612	75.108	nq	91
55) Dibenzofuran	10.10	168	1012388	42.795	nq	99
56) 4-Nitrophenol	10.02	139	330183	91.139	nq	98
57) 2,4-Dinitrotoluene	10.09	165	253318	41.570	nq	96
58) Fluorene	10.45	166	772630	42.450	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	205659	41.547	nq	99
60) Diethylphthalate	10.32	149	785561	39.951	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	379703	41.192	nq	99
62) 4-Nitroaniline	10.47	138	214057	36.625	nq	98
63) Azobenzene	10.60	77	833792	41.226	nq	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	123475	43.551	nq	93
66) n-Nitrosodiphenylamine	10.56	169	685863	42.592	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	232936	40.672	nq	99
68) Hexachlorobenzene	11.00	284	263240	39.749	nq	100
69) Atrazine	11.08	200	210228	39.684	nq	99
70) Pentachlorophenol	11.19	266	279361	86.886	nq	99
71) Phenanthrene	11.41	178	1141283	41.728	nq	100
72) Anthracene	11.46	178	1194812	43.165	nq	99
73) Carbazole	11.61	167	1065819	42.442	nq	100
74) Di-n-butylphthalate	11.94	149	1187278	40.528	nq	100
75) Fluoranthene	12.60	202	1201382	41.957	nq	100
77) Benzidine	12.71	184	672369	47.508	nq	98
78) Pyrene	12.83	202	1234367	39.089	nq	100
80) Butylbenzylphthalate	13.44	149	522242	39.096	nq	98
81) Benzo(a)anthracene	14.02	228	1075431	40.165	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	263335	28.309	nq #	99
83) Chrysene	14.05	228	1066404	41.024	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	687956	39.632	nq	100
85) Di-n-octyl phthalate	14.61	149	1166378	42.304	nq	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	968687	44.368	nq	99
88) Benzo(b)fluoranthene	15.06	252	1100954	43.500	nq	98
89) Benzo(k)fluoranthene	15.09	252	931045	37.768	nq	100
90) Benzo(a)pyrene	15.43	252	963670	42.594	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	819099	41.825	nq	99
92) Benzo(g,h,i)perylene	17.41	276	795891	41.381	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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BNA_F

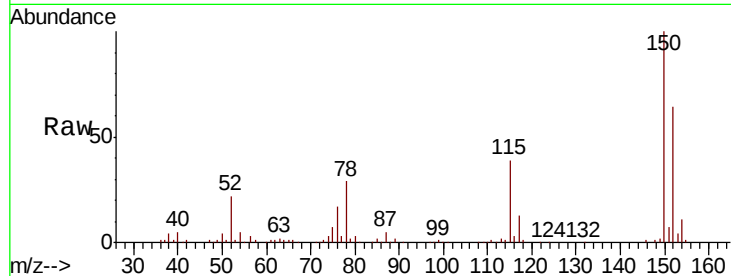
ClientSampleId :

PB121767BS

Tot Ion:	152	Resp:	145610
Ion Ratio	Lower	Upper	
152	100		
150	156.6	127.4	191.0
115	61.1	51.8	77.8

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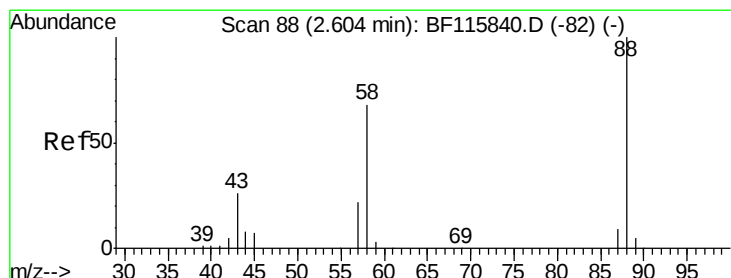
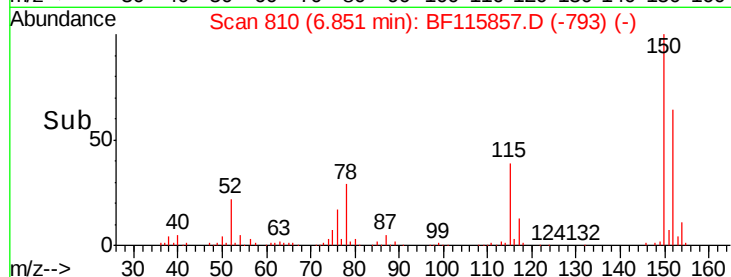
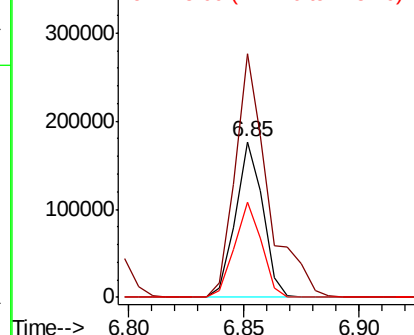


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.005 ng

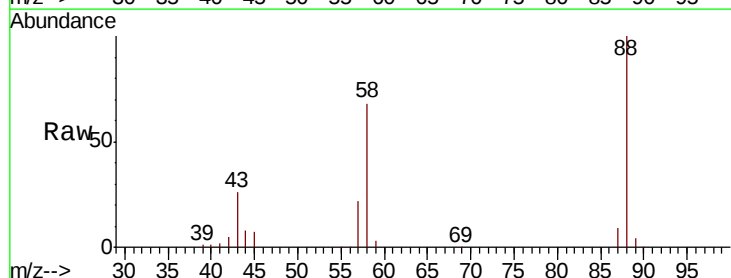
RT: 2.72 min Scan# 108

Delta R.T. 0.12 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:	88	Resp:	171392
Ion Ratio	Lower	Upper	
88	100		
58	67.9	54.1	81.1
43	26.0	20.7	31.1

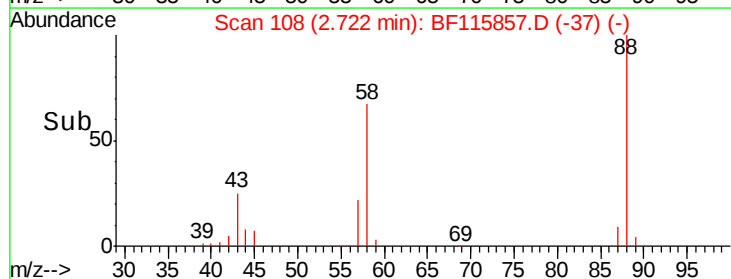
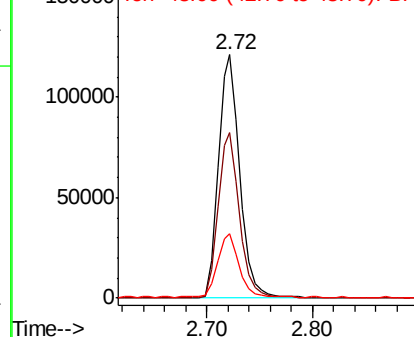


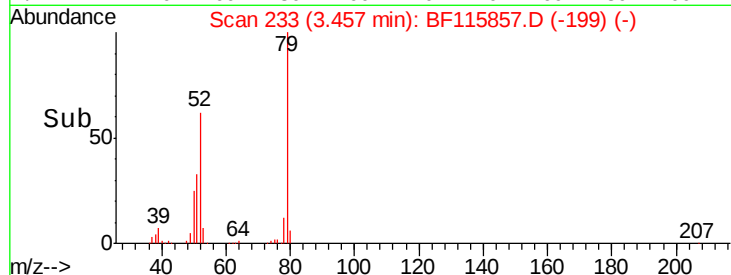
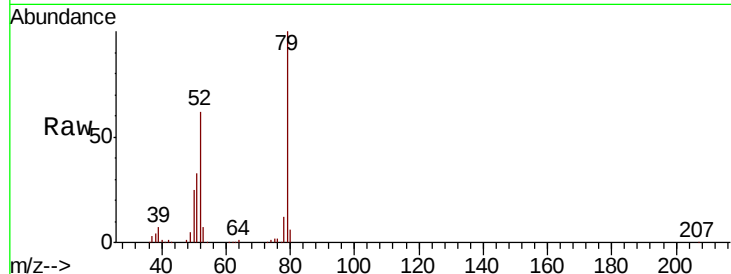
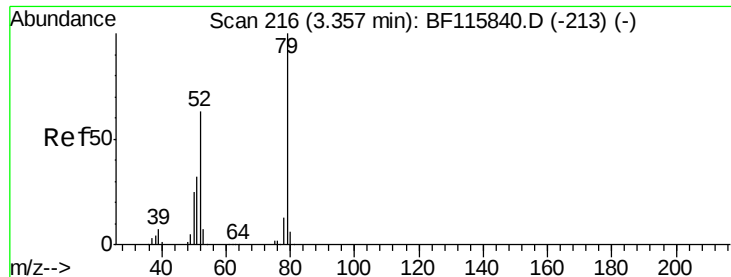
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





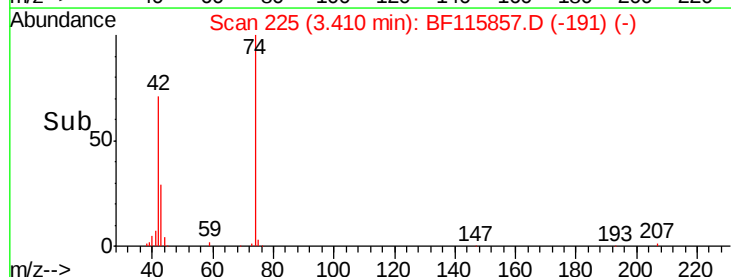
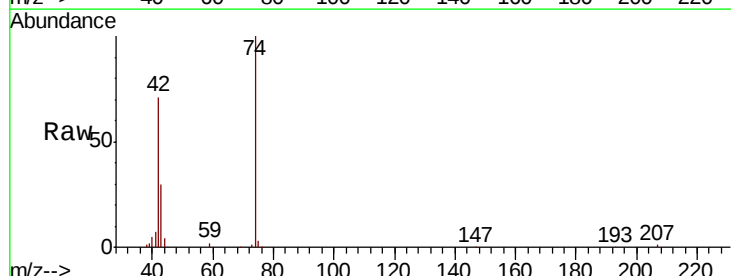
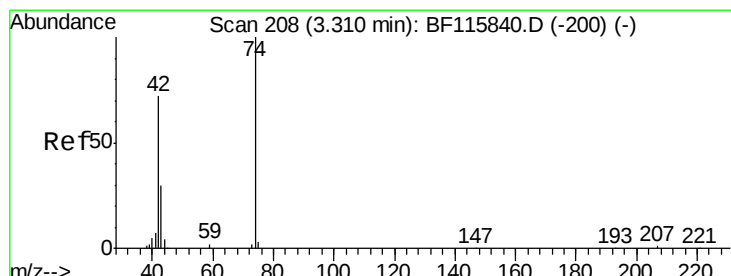
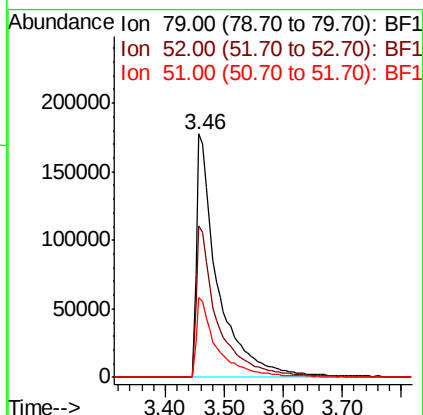
#3
Pvridine
Concen: 36.192 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.10 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.2	75.4
51	32.8	25.8	38.6

Instrument :
BNA_F
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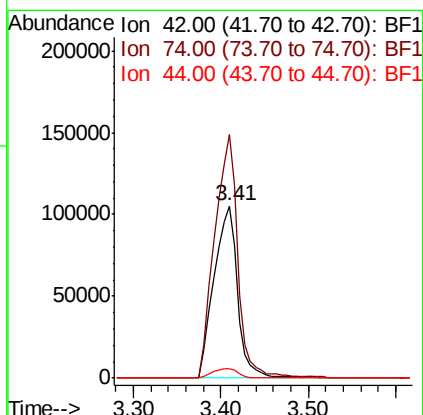
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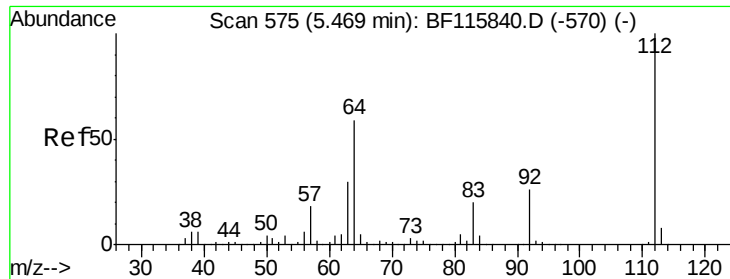
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#4
n-Nitrosodimethylamine
Concen: 40.840 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.10 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	111.0	166.4
44	5.8	4.7	7.1





#5

2-Fluorophenol

Concen: 107.576 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

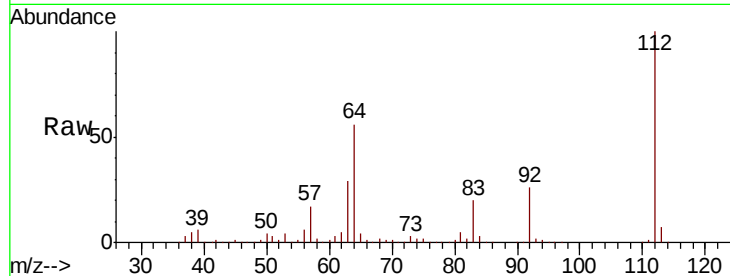
ClientSampleId :

PB121767BS

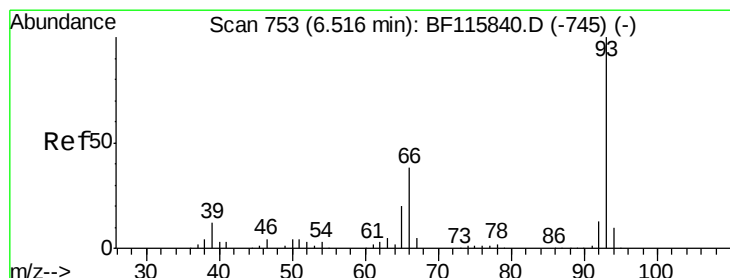
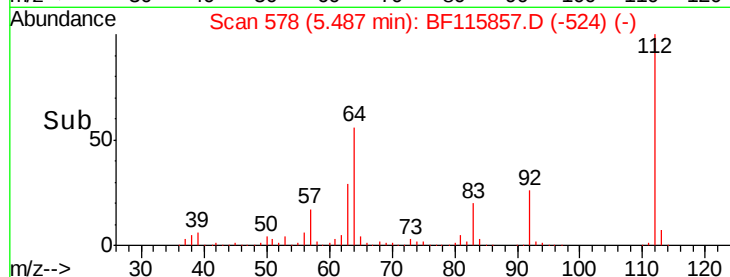
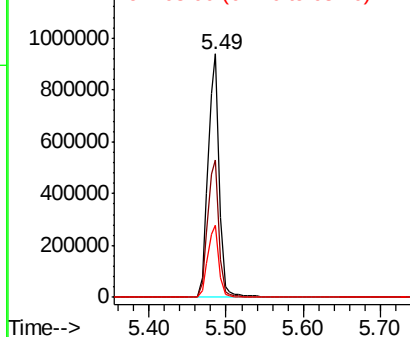
Tot Ion:	112	Resp:	935693
Ion Ratio	Lower	Upper	
112	100		
64	56.2	46.8	70.2
63	29.4	24.2	36.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.389 ng

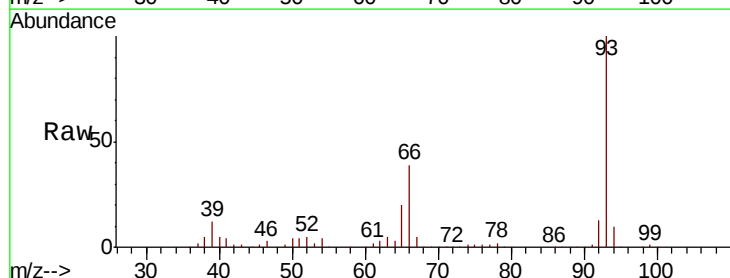
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

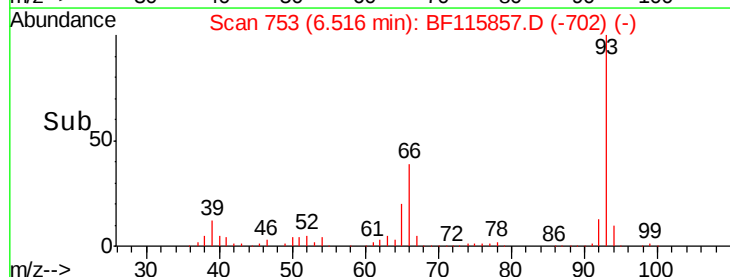
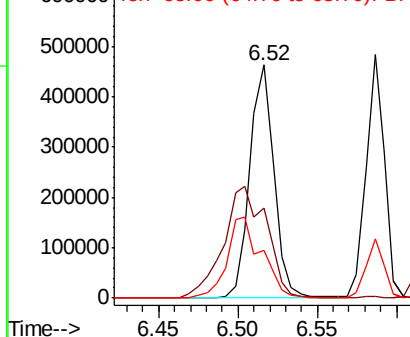
Lab File: BF115857.D

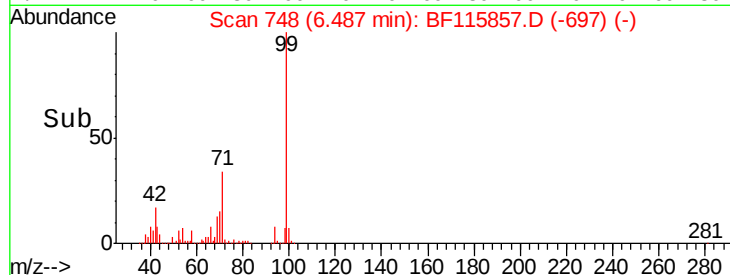
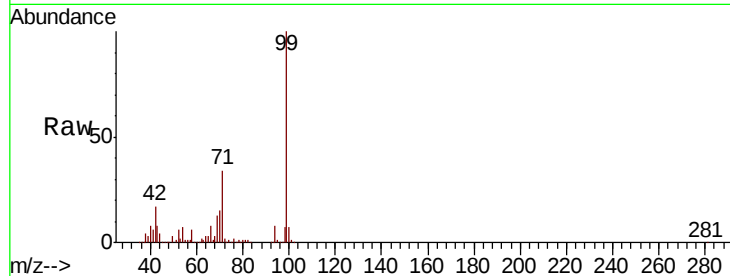
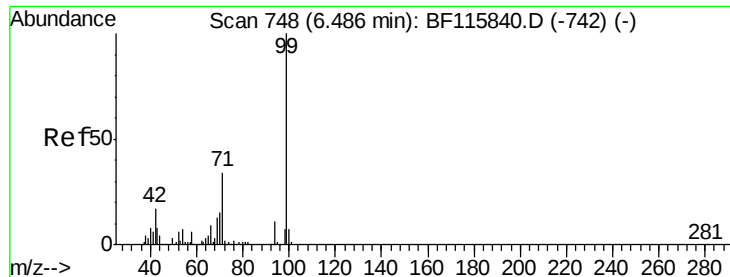
Acq: 31 Jul 2019 11:18

Tgt Ion:	93	Resp:	493314
Ion Ratio	Lower	Upper	
93	100		
66	38.6	31.4	47.0
65	20.3	16.5	24.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.390 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tot Ion: 99 Resp: 1200458

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 34.0 27.1 40.7

Instrument :

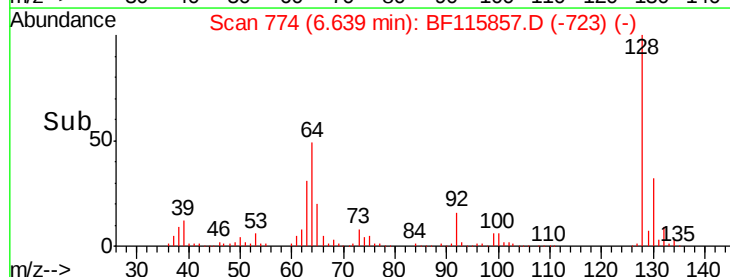
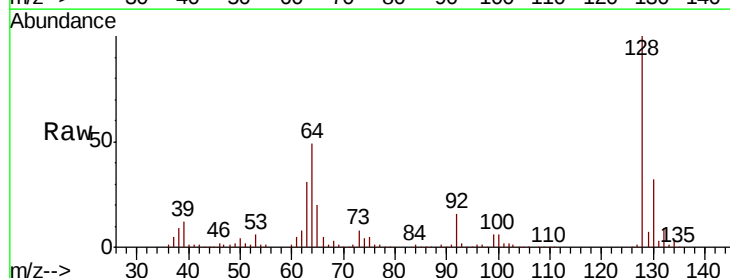
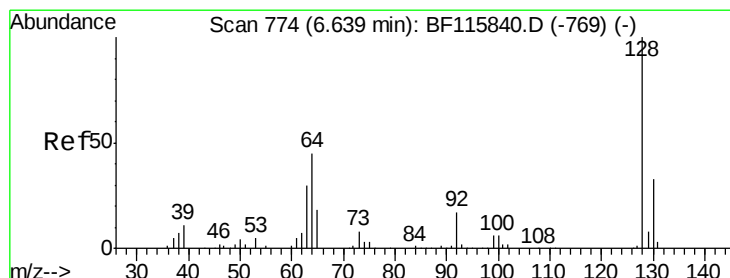
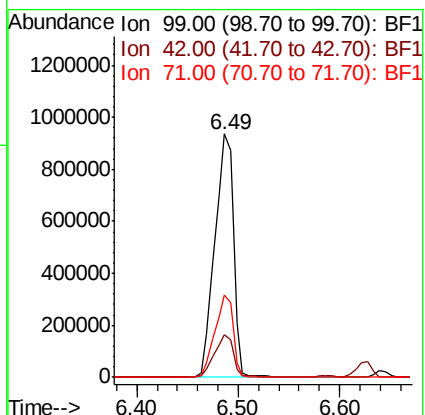
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.673 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

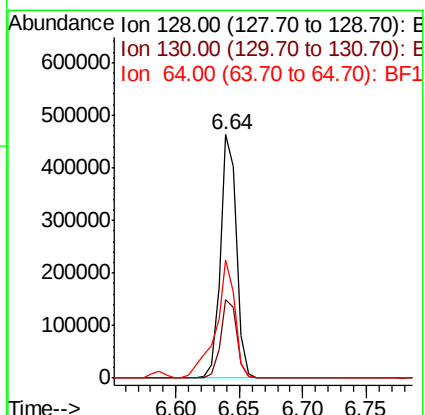
Tgt Ion:128 Resp: 410437

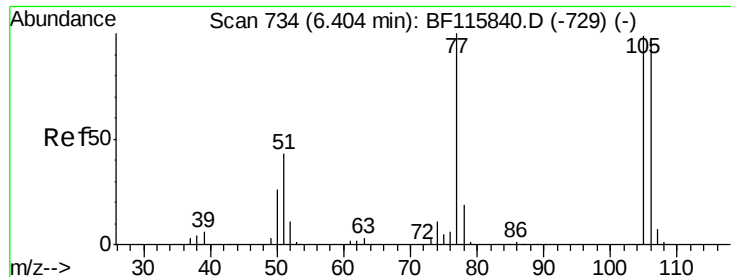
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 48.7 26.1 66.1





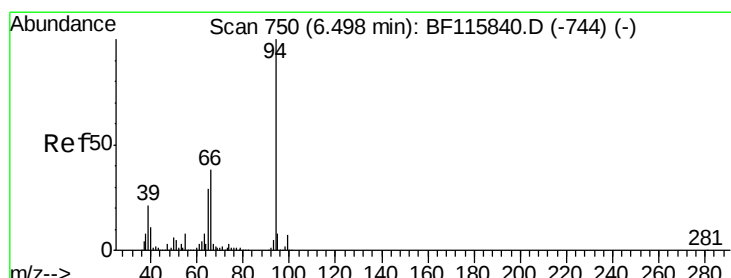
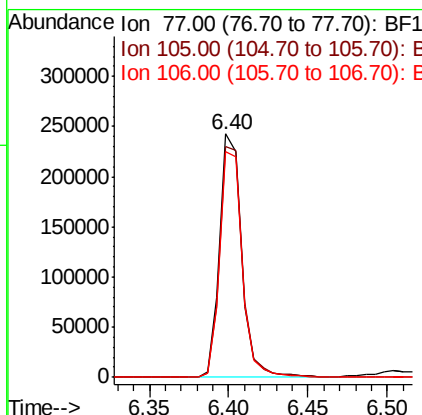
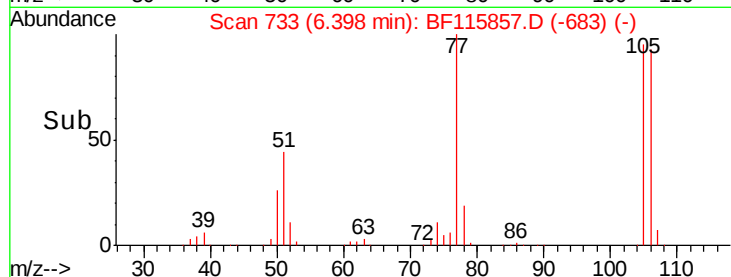
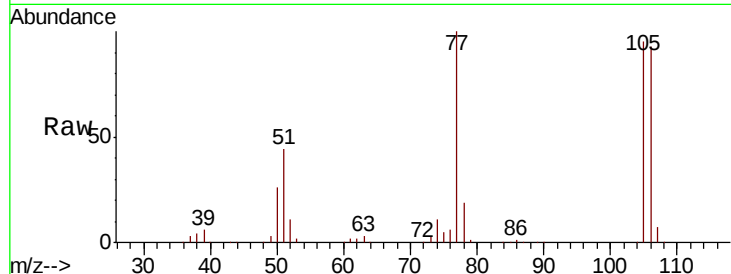
#9
Benzaldehyde
Concen: 31.068 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115857.D
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Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.9	79.0	119.0
106	92.9	76.2	116.2

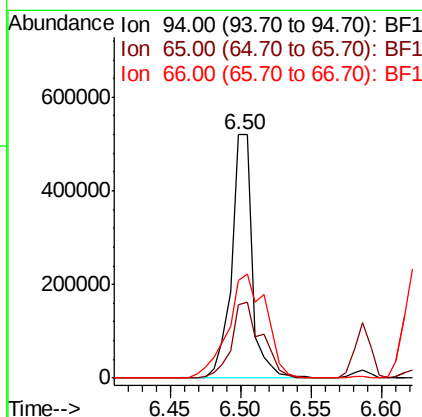
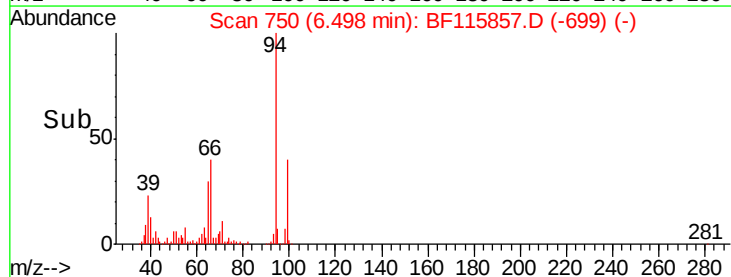
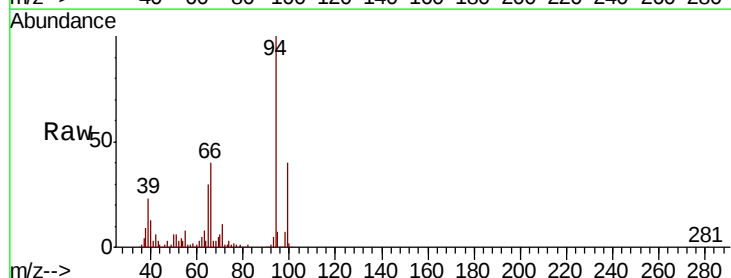
Manual Integrations
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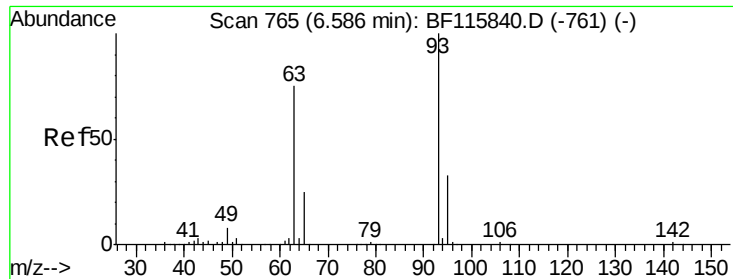
mohammad
8/1/2019 5:06:17 PM



#10
Phenol
Concen: 41.189 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.9	48.9
66	40.4	18.0	58.0





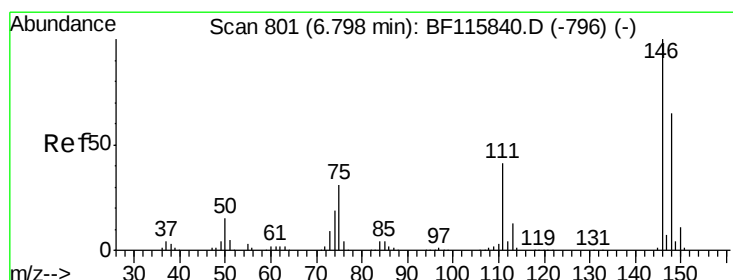
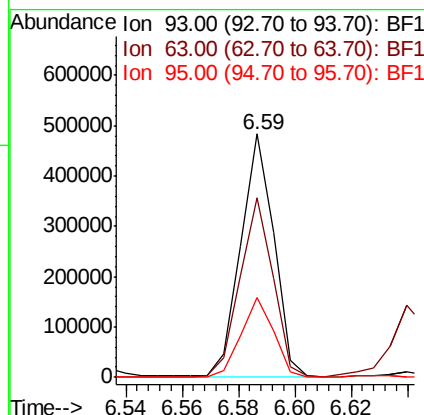
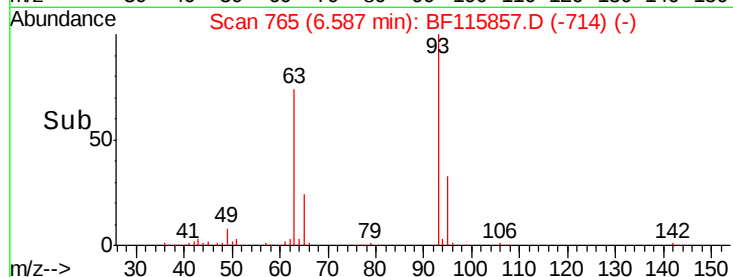
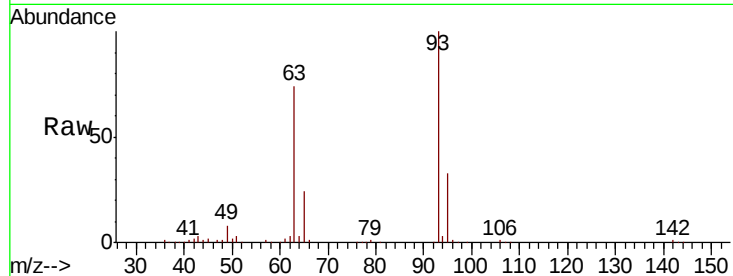
#11
bis(2-Chloroethyl)ether
Concen: 41.135 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	73.7	54.9	94.9
95	32.9	13.3	53.3

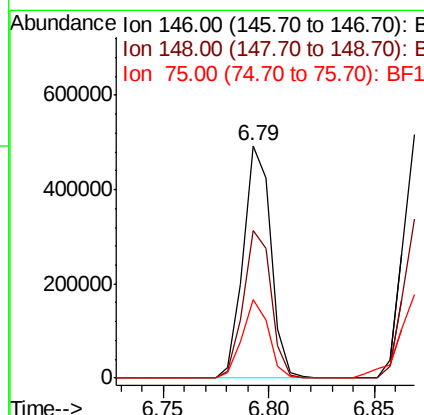
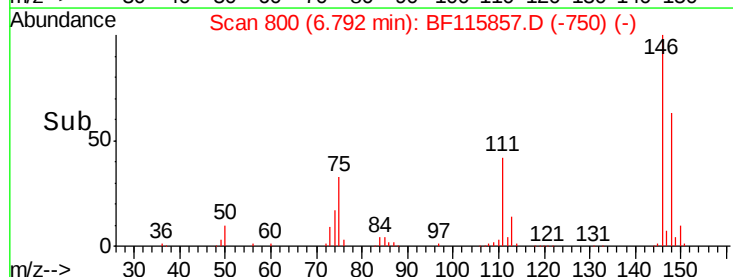
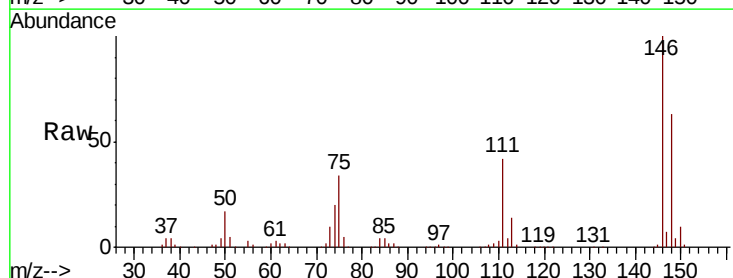
Manual Integrations
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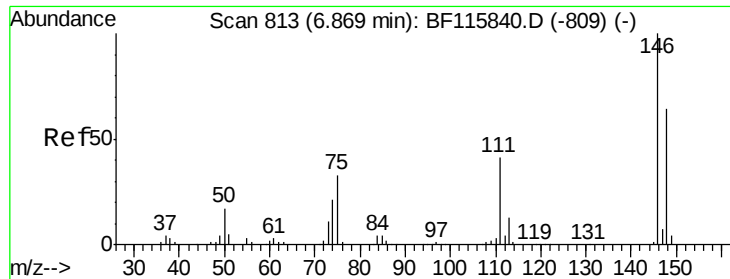
mohammad
8/1/2019 5:06:17 PM



#12
1,3-Dichlorobenzene
Concen: 40.012 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.3	52.1	78.1
75	33.7	25.0	37.6





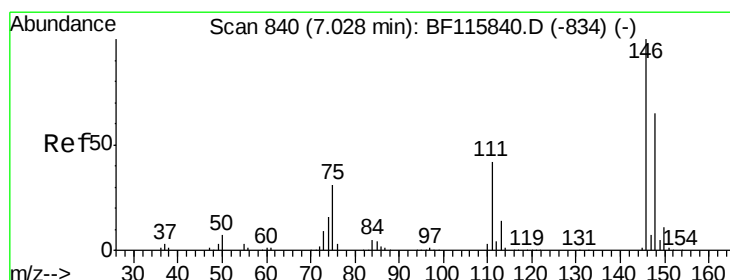
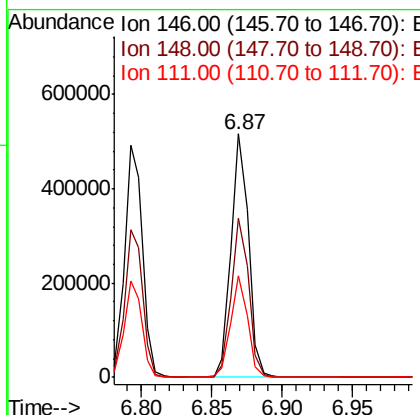
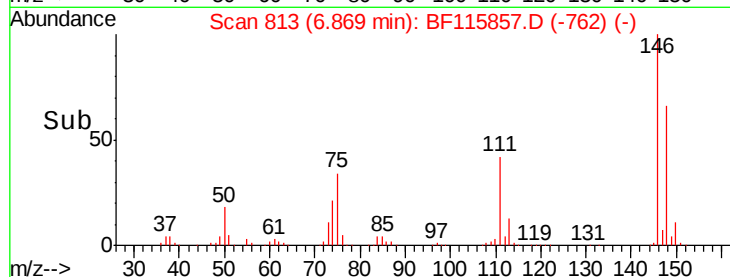
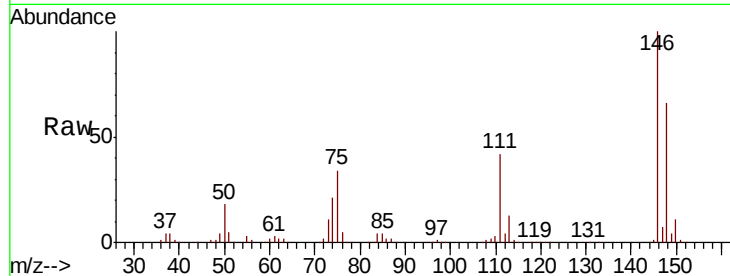
#13
 1,4-Dichlorobenzene
 Concen: 40.128 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	41.7	33.2	49.8

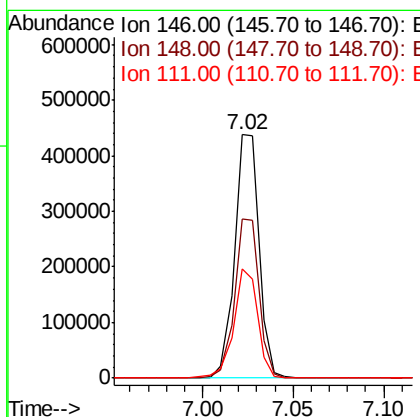
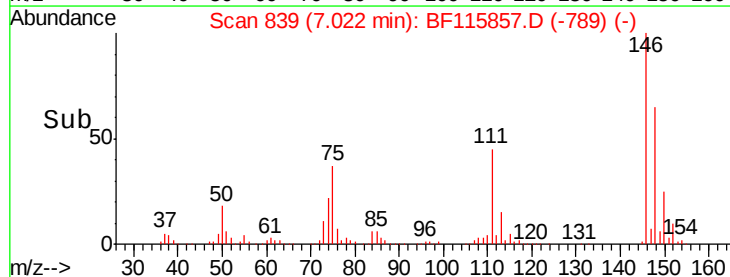
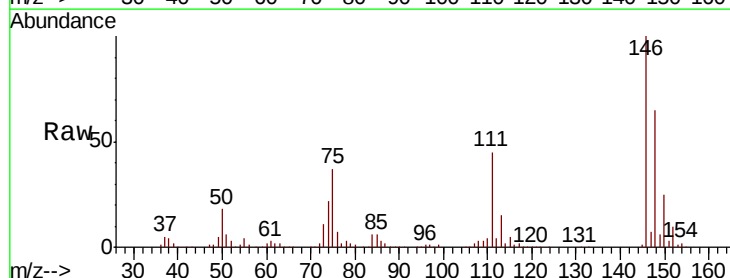
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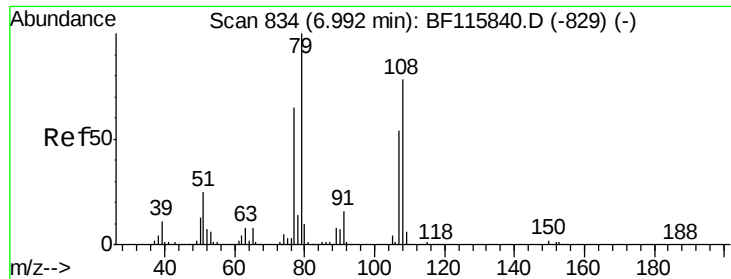
mohammad
 8/1/2019 5:06:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.004 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	44.8	33.6	50.4





#15

Benzyl Alcohol

Concen: 42.388 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

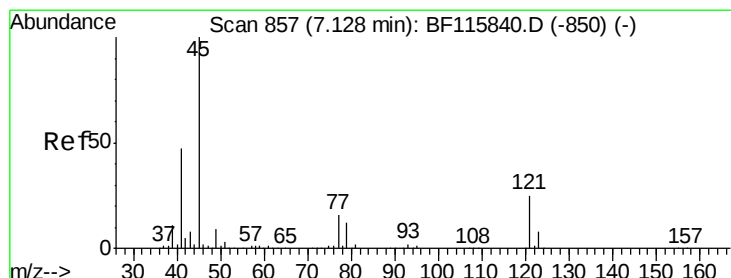
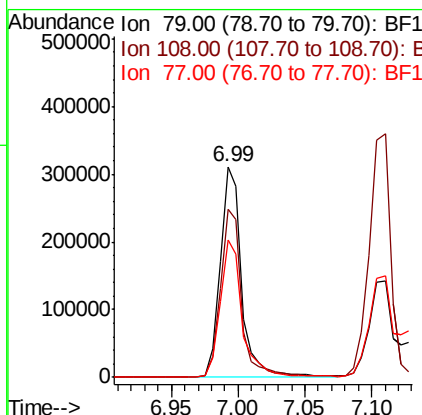
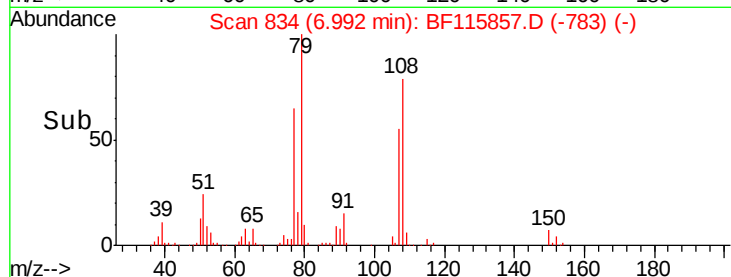
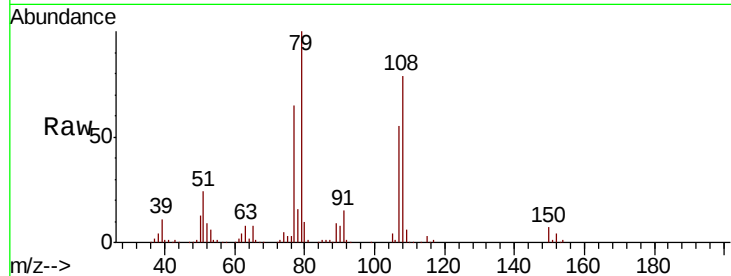
ClientSampleId :

PB121767BS

Tot Ion:	79	Resp:	353011
Ion Ratio	Lower	Upper	
79	100		
108	79.4	62.8	94.2
77	65.2	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.945 ng

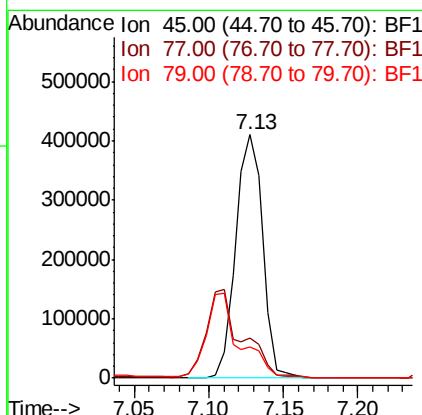
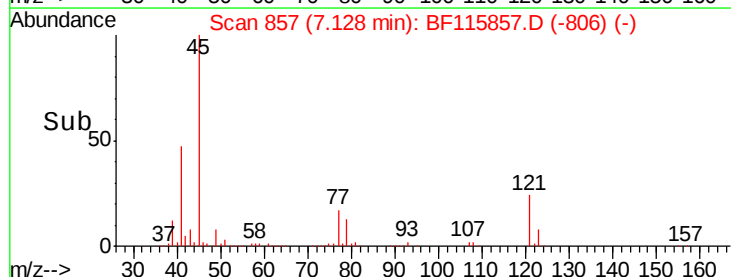
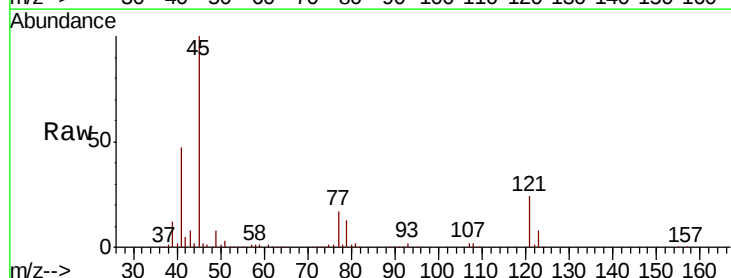
RT: 7.13 min Scan# 857

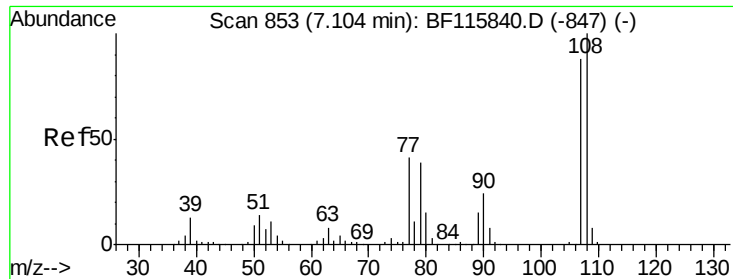
Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:	45	Resp:	517668
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.3
79	12.7	0.0	32.5





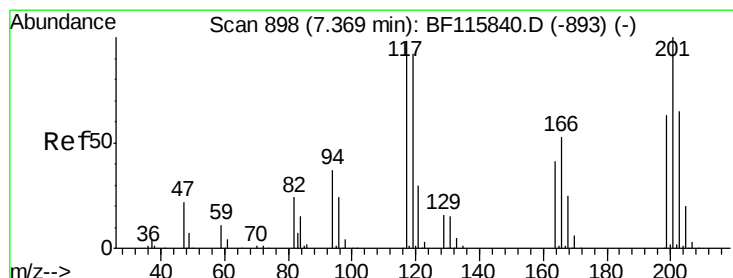
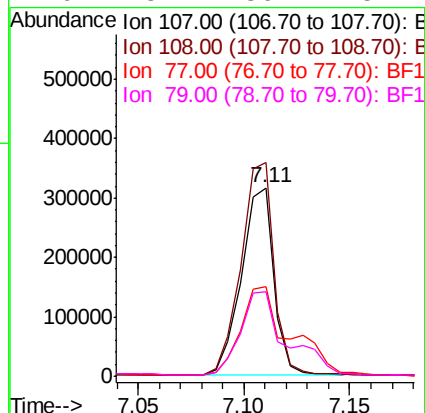
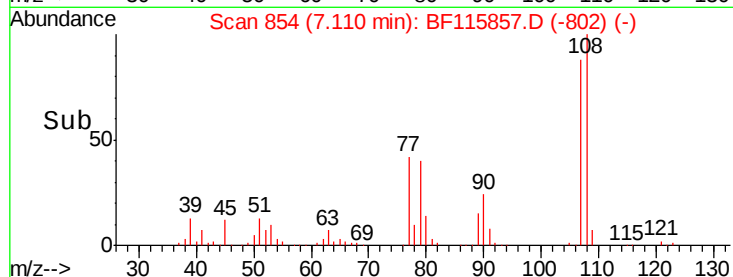
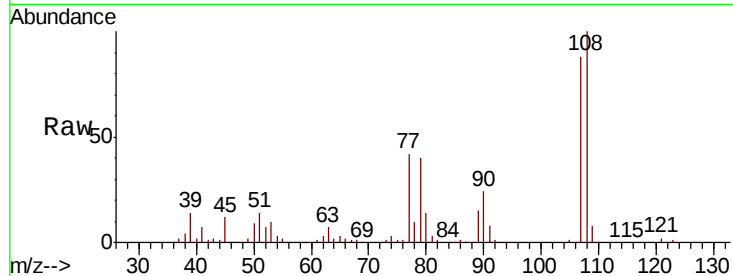
#17
2-Methylphenol
Concen: 41.709 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.4	137.0	
77	47.2	37.6	56.4	
79	45.2	36.2	54.4	

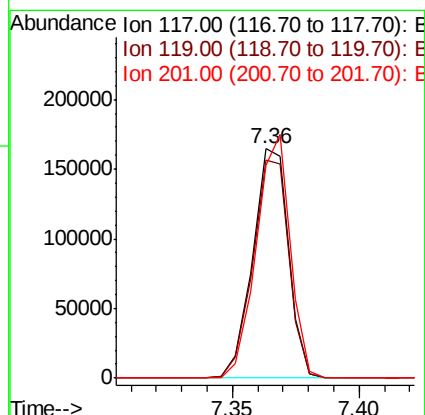
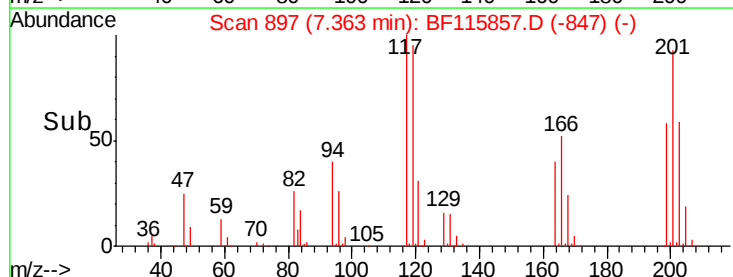
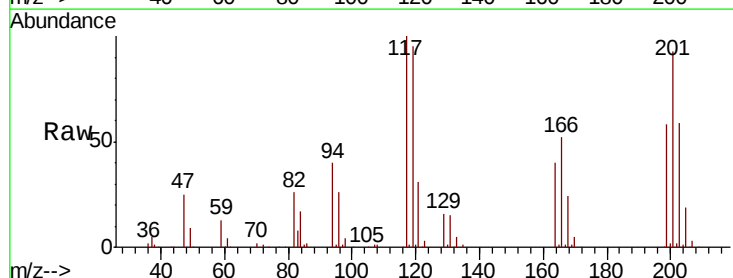
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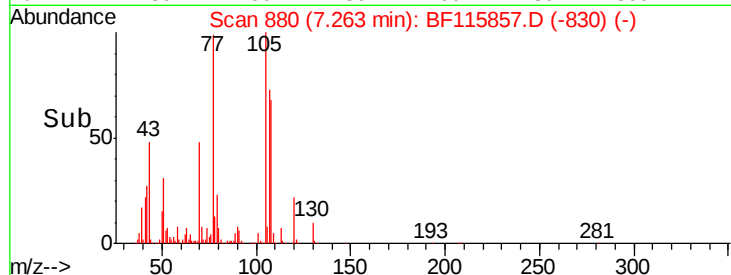
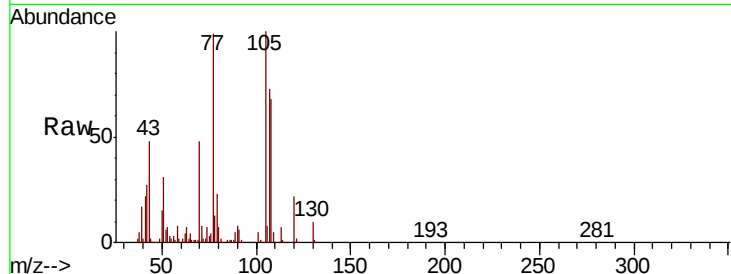
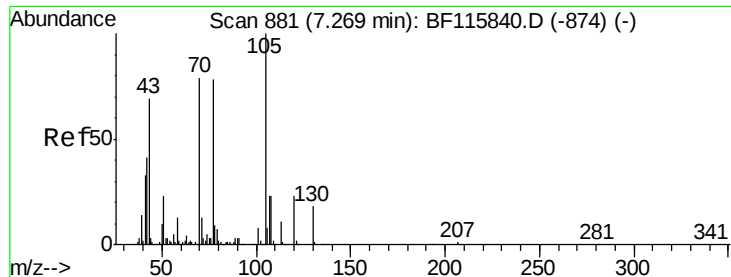
mohammad
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#18
Hexachloroethane
Concen: 39.657 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	75.8	113.6	
201	92.9	82.0	123.0	





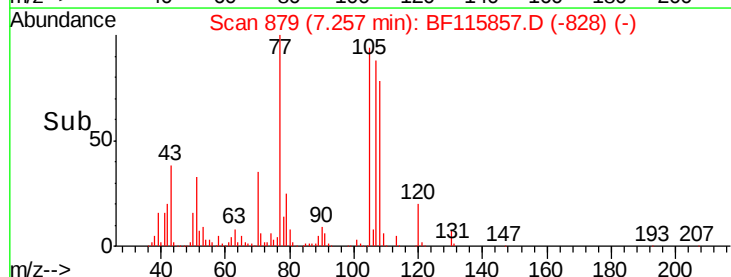
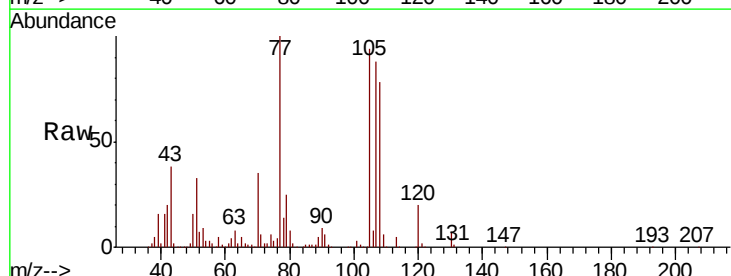
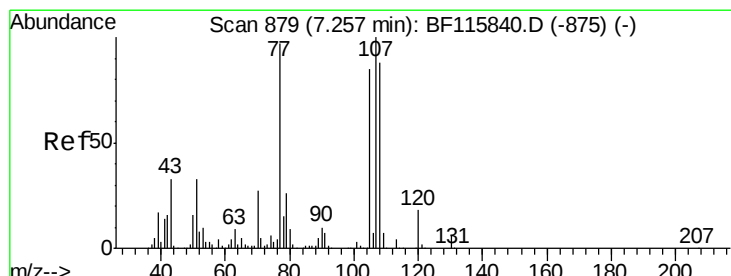
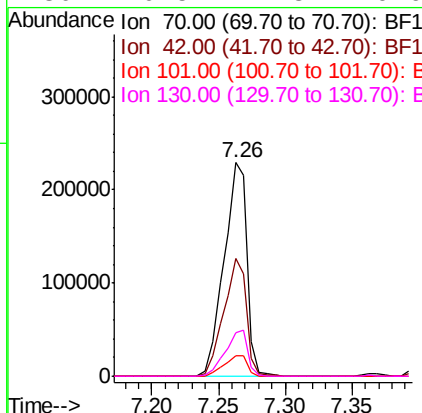
#19
n-Nitroso-di-n-propylamine
Concen: 40.986 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		278720		
42	55.1	41.8	62.8		
101	9.9	7.7	11.5		
130	20.5	17.8	26.6		

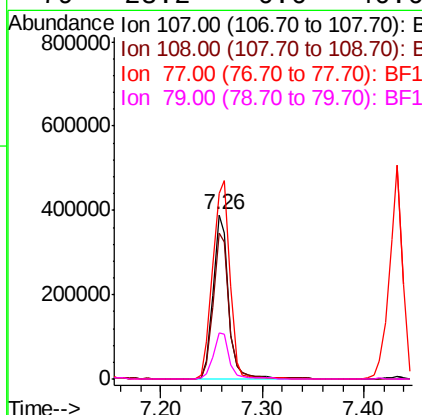
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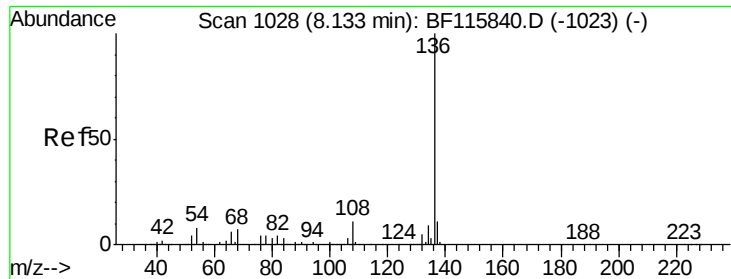
mohammad
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#20
3+4-Methylphenols
Concen: 42.624 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		410798		
108	88.9	67.9	107.9		
77	113.5	77.3	117.3		
79	28.2	6.6	46.6		





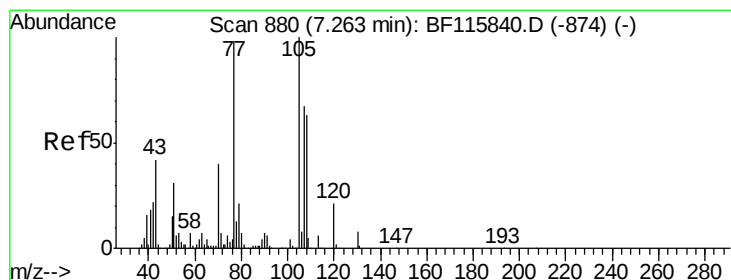
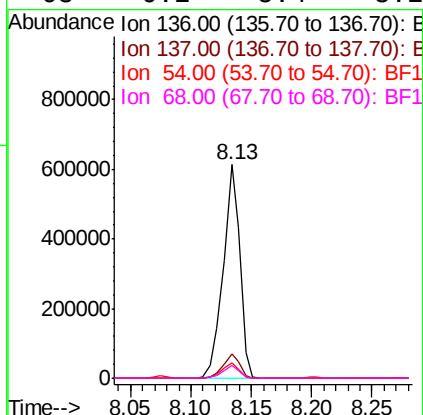
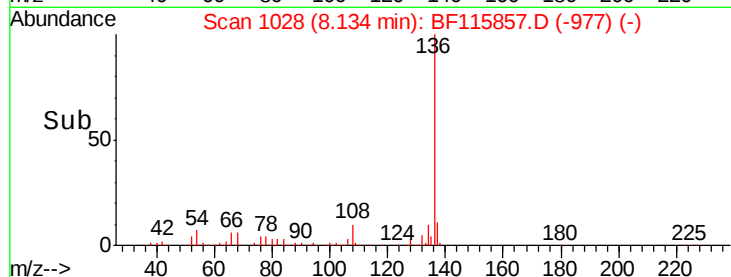
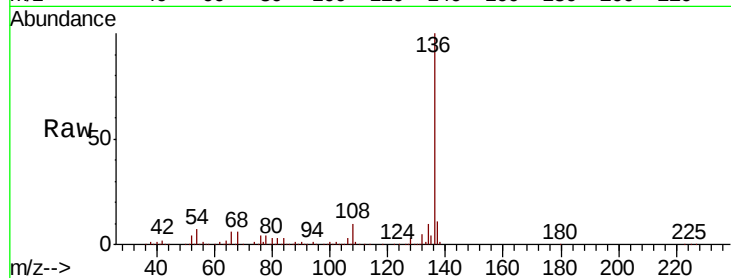
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		584609		
137	11.2		9.1	13.7	
54	7.2		6.1	9.1	
68	6.2		5.4	8.2	

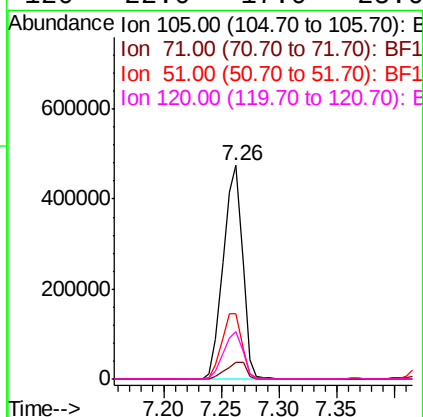
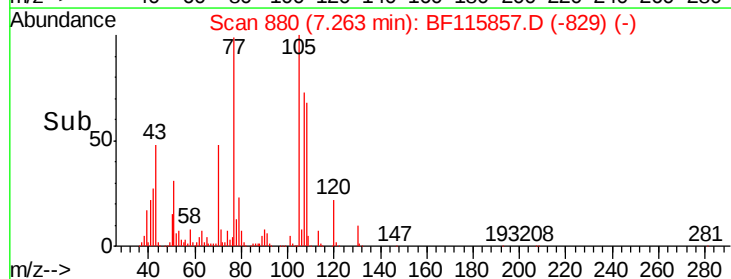
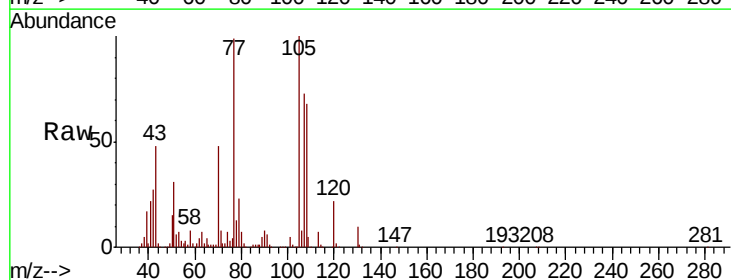
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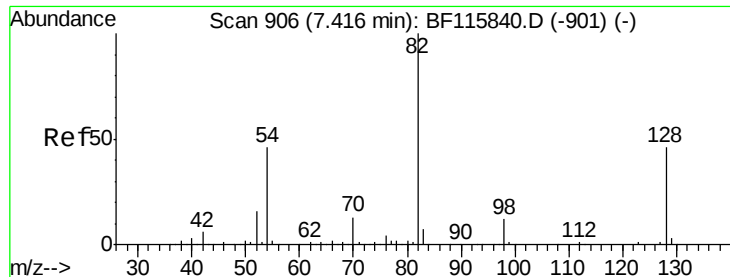
mohammad
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#22
Acetophenone
Concen: 42.992 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		551214		
71	8.0		5.4	8.0#	
51	30.6		24.6	36.8	
120	22.0		17.0	25.6	





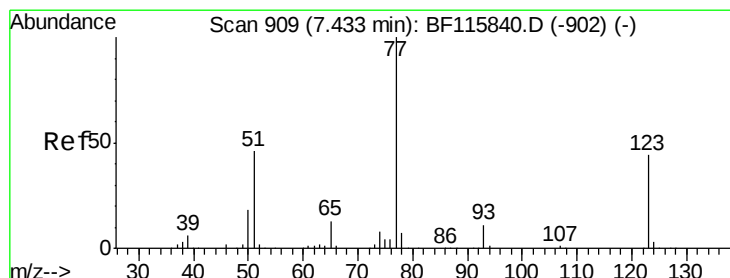
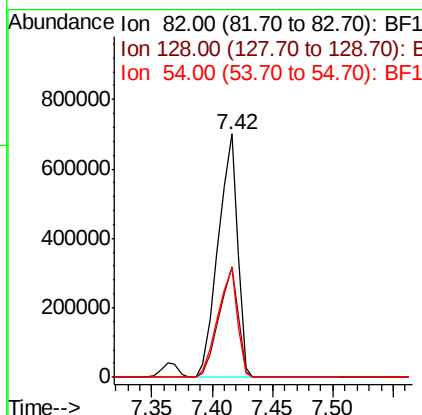
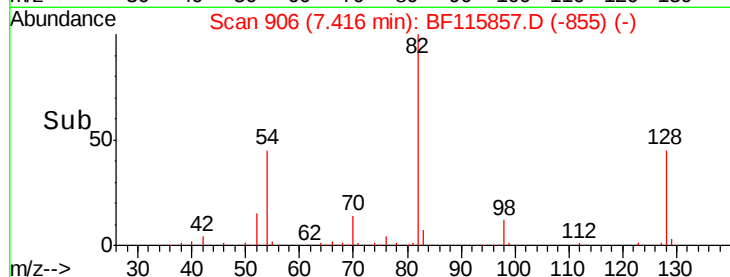
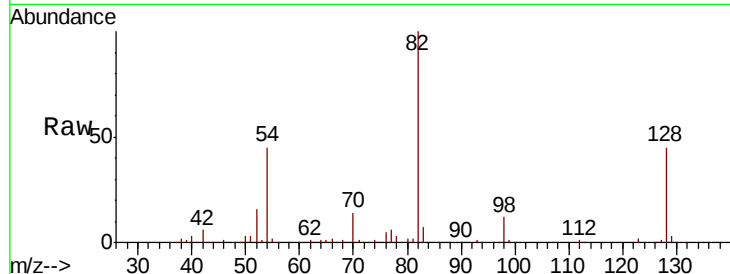
#23
 Nitrobenzene-d5
 Concen: 76.633 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	55.0
54	45.0	36.6	55.0

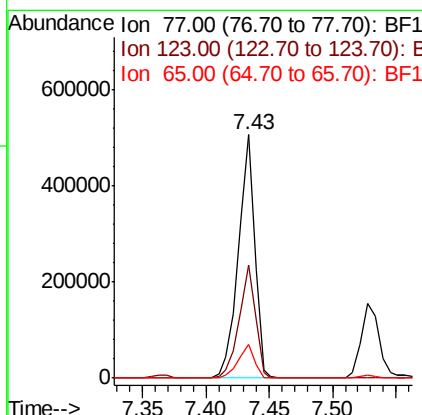
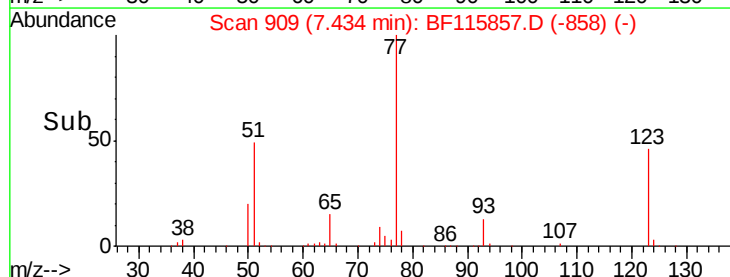
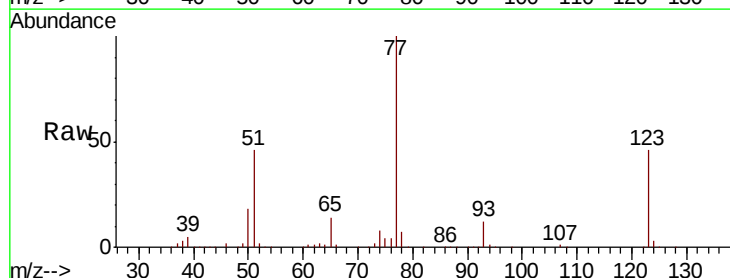
Manual Integrations
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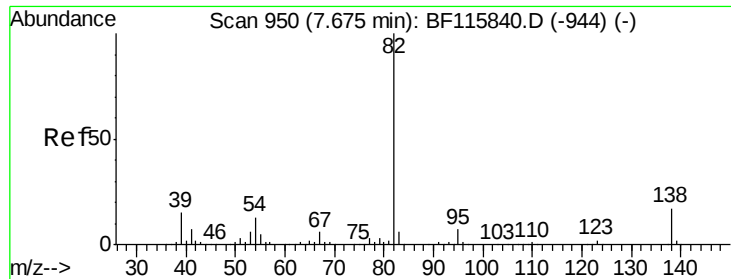
mohammad
 8/1/2019 5:06:17 PM



#24
 Nitrobenzene
 Concen: 41.202 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.5	53.3
65	13.8	10.6	15.8





#25

Isophorone

Concen: 41.600 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

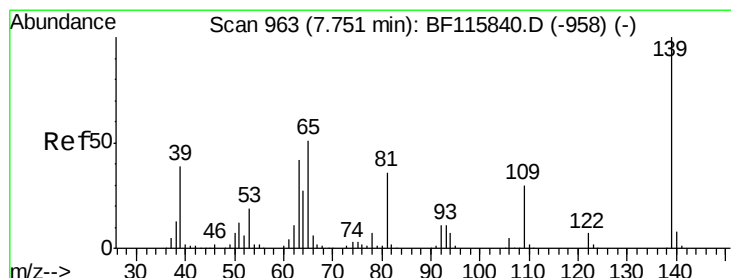
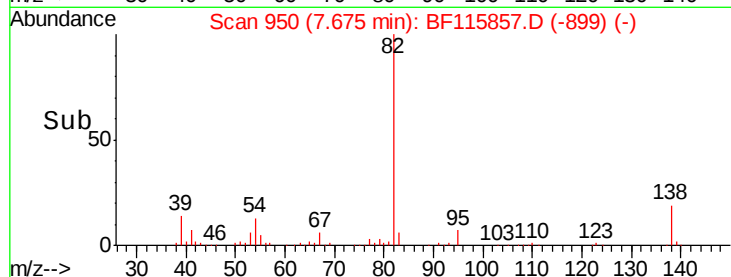
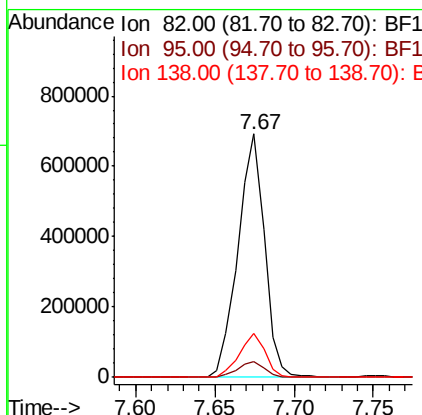
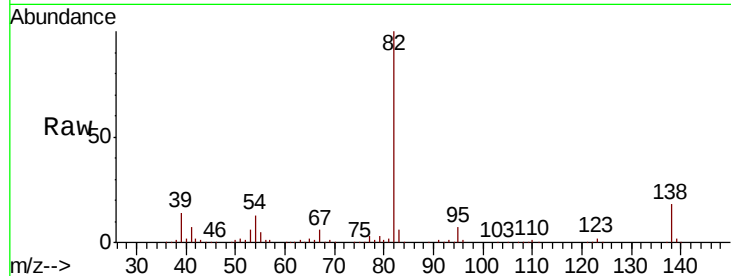
ClientSampleId :

PB121767BS

Tot Ion:	82	Resp:	805622
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.3	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.614 ng

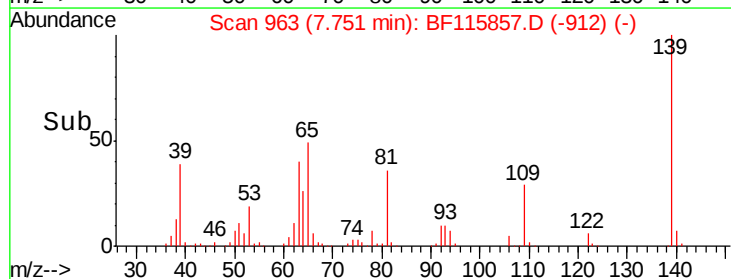
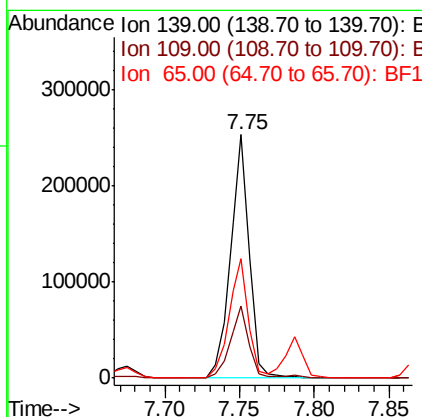
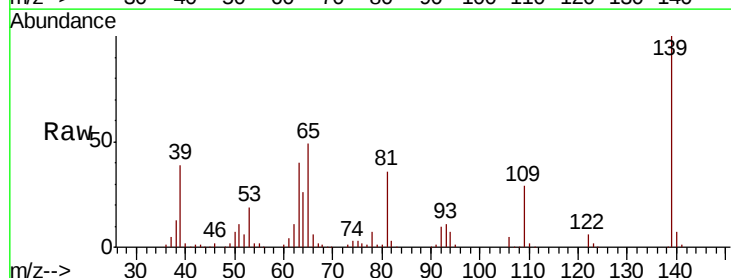
RT: 7.75 min Scan# 963

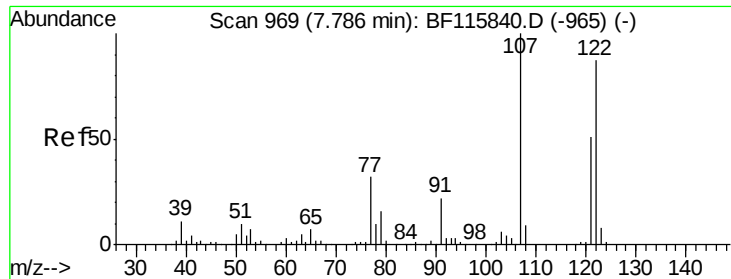
Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:	139	Resp:	224827
Ion Ratio	Lower	Upper	
139	100		
109	29.4	23.6	35.4
65	48.9	40.6	60.8





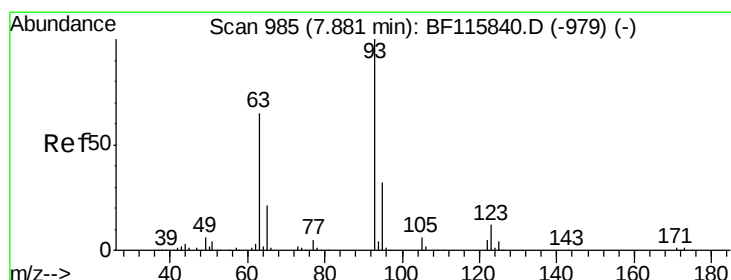
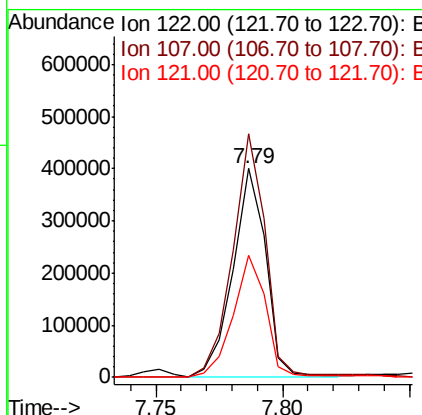
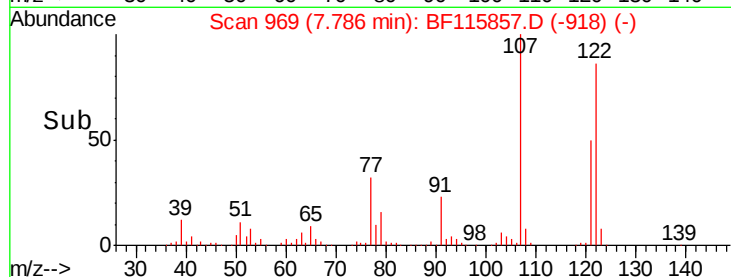
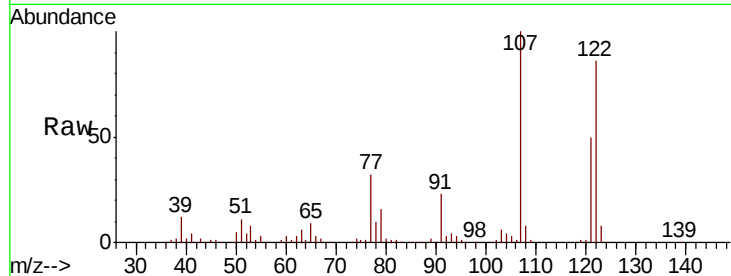
#27
2,4-Dimethylphenol
Concen: 46.645 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	361751		
107	116.7	91.7	137.5	
121	58.5	46.6	70.0	

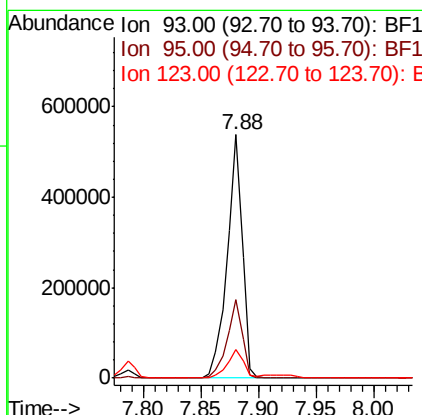
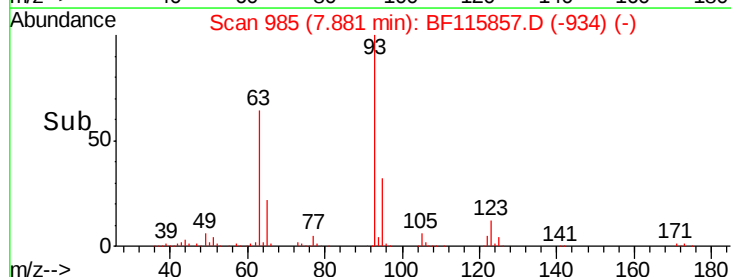
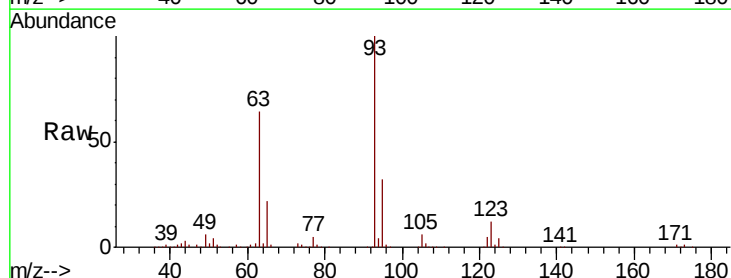
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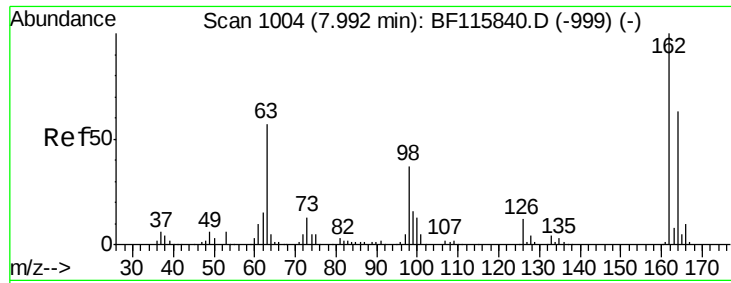
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.758 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	489235		
95	32.4	26.0	39.0	
123	11.8	9.5	14.3	





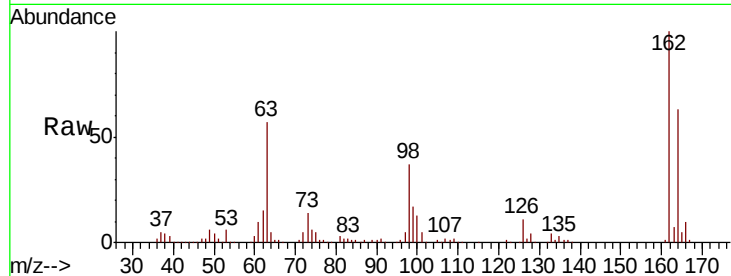
#29
2,4-Dichlorophenol
Concen: 42.562 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.7	43.2	83.2	
98	37.1	17.3	57.3	

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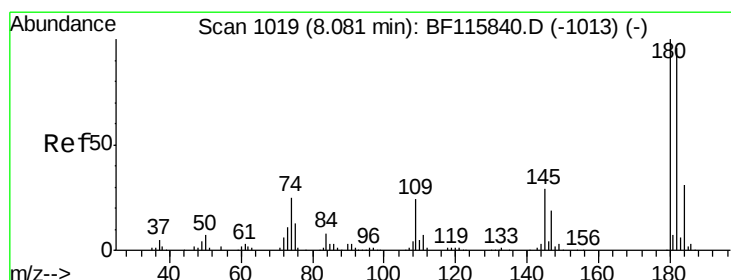
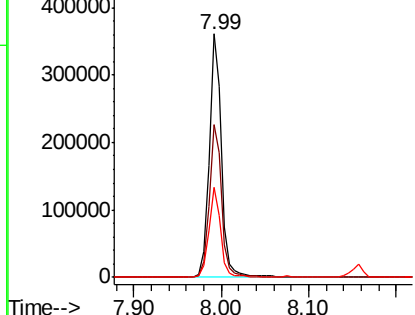
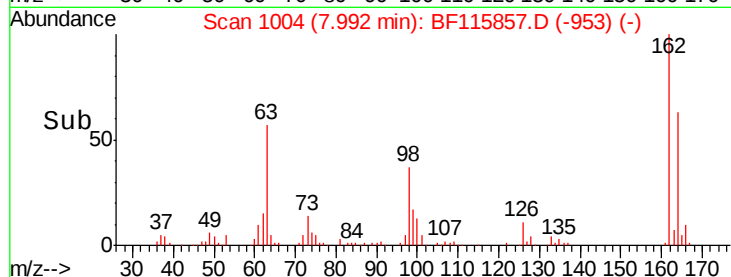


Abundance

Ion 162.00 (161.70 to 162.70): E

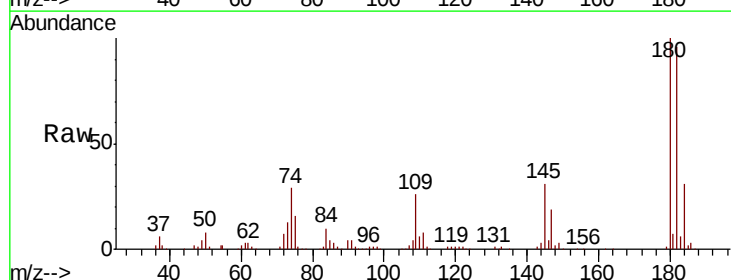
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.572 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	76.6	114.8	
145	31.0	23.2	34.8	

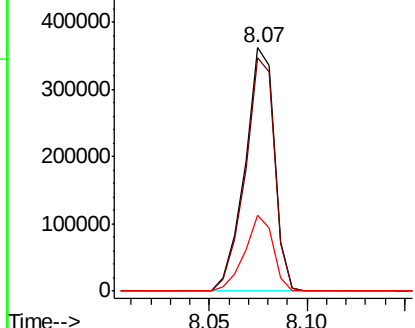
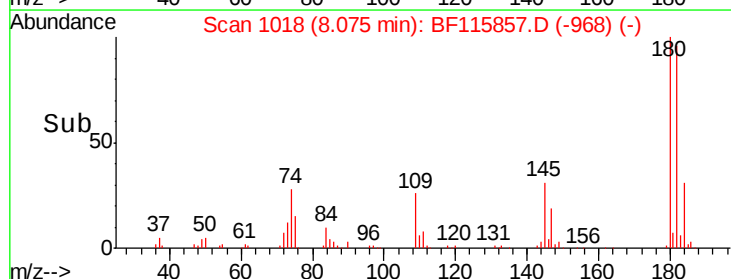


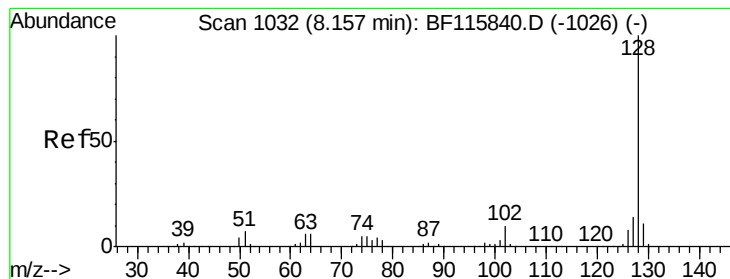
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.908 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB121767BS

Tot Ion:128 Resp: 1180412

Ion Ratio Lower Upper

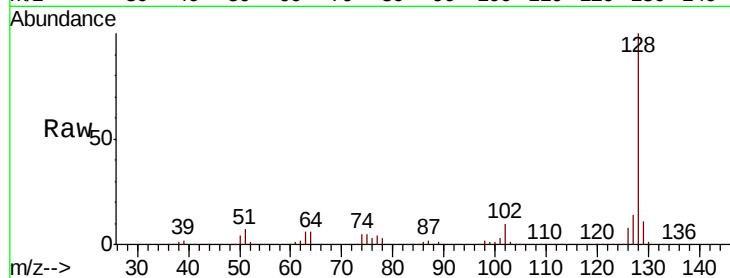
128 100

129 11.4 9.2 13.8

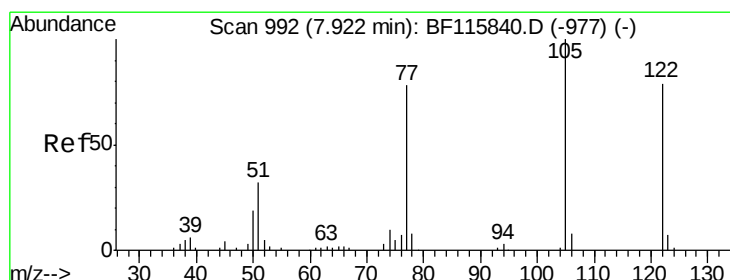
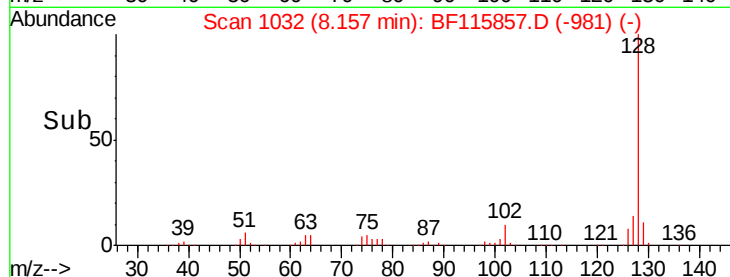
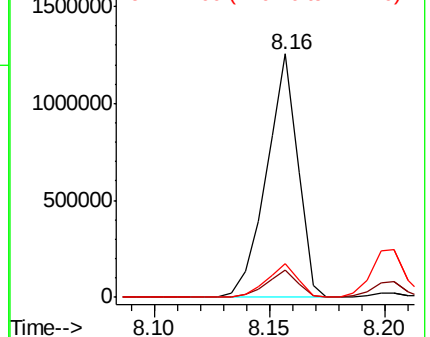
127 13.8 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.120 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

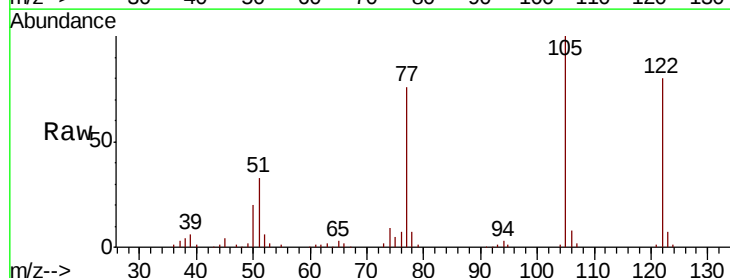
Tgt Ion:122 Resp: 241238

Ion Ratio Lower Upper

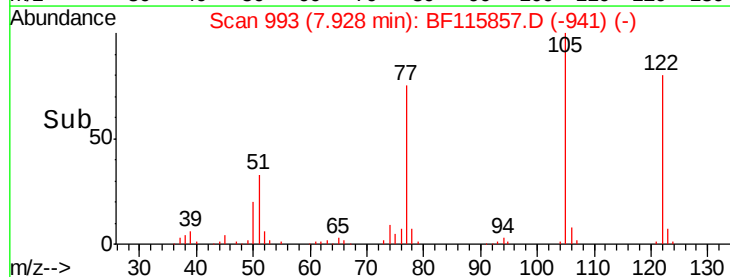
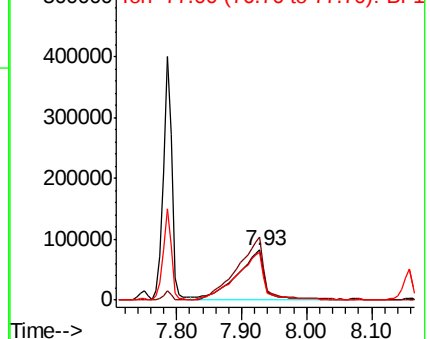
122 100

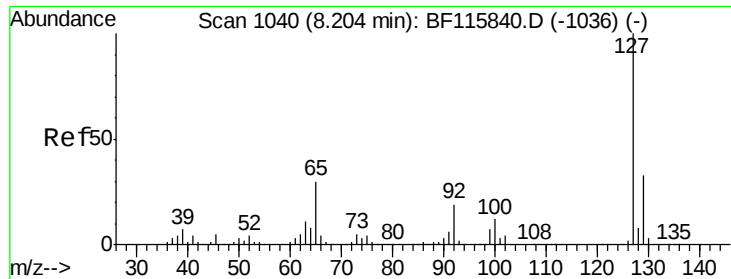
105 125.3 103.1 143.1

77 95.2 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





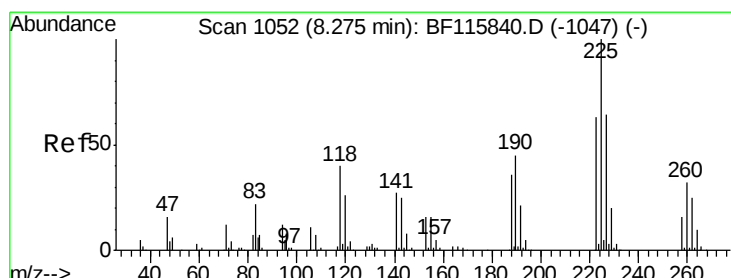
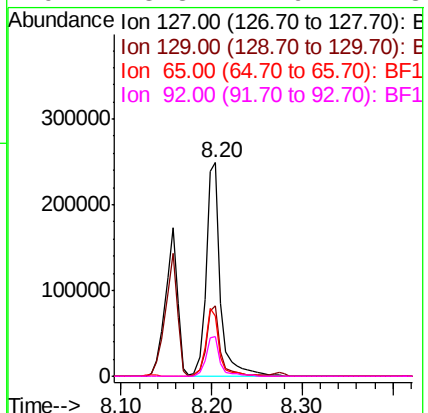
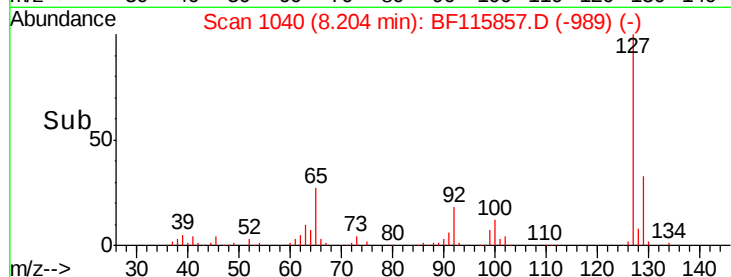
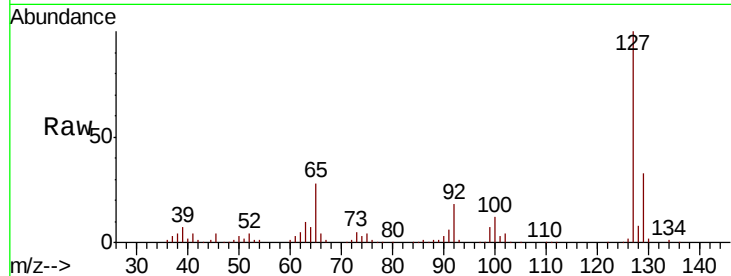
#33
4-Chloroaniline
Concen: 22.495 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.0	39.0	
65	28.4	23.9	35.9	
92	18.3	14.9	22.3	

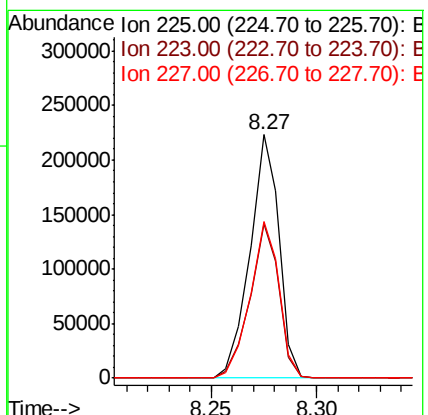
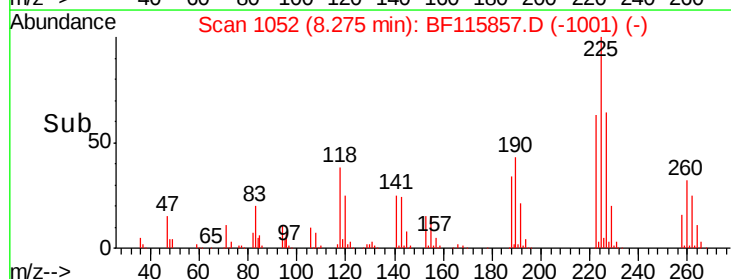
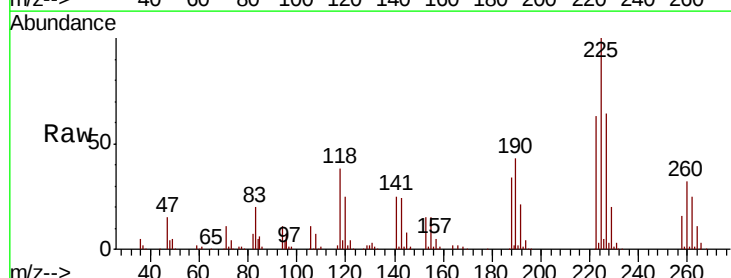
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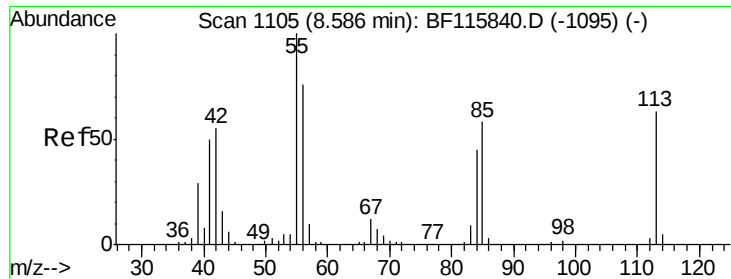
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#34
Hexachlorobutadiene
Concen: 39.866 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	50.4	75.6	
227	64.1	51.6	77.4	





#35

Caprolactam

Concen: 40.186 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

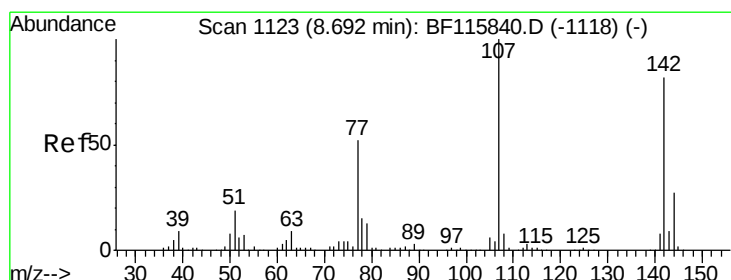
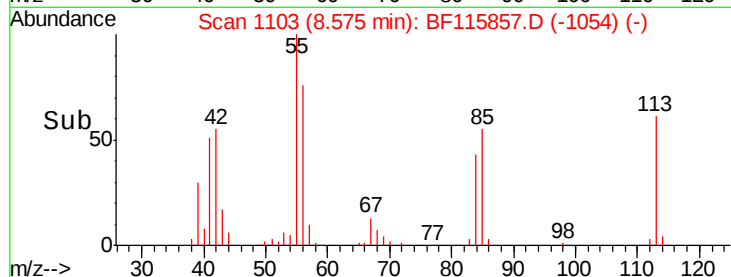
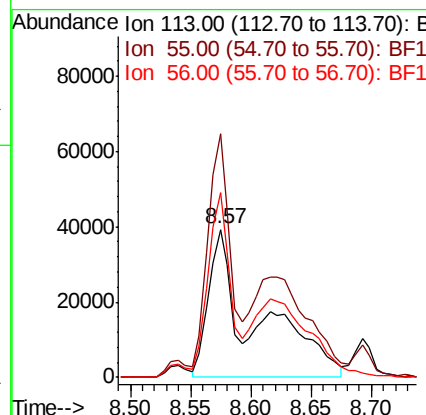
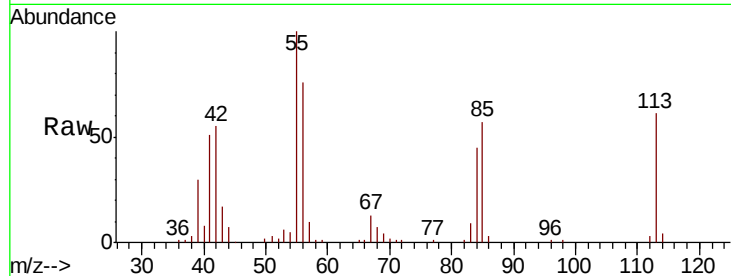
ClientSampleId :

PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	164.9	138.1	178.1		
56	124.8	100.6	140.6		

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#36

4-Chloro-3-methylphenol

Concen: 42.509 ng/mL

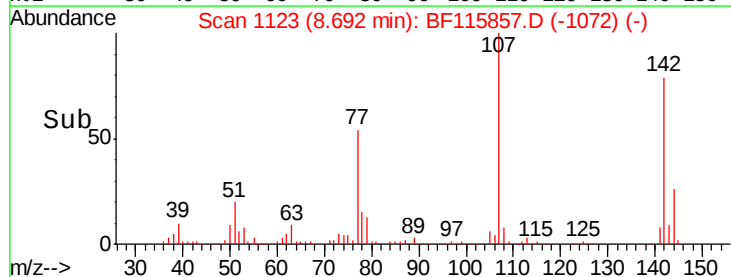
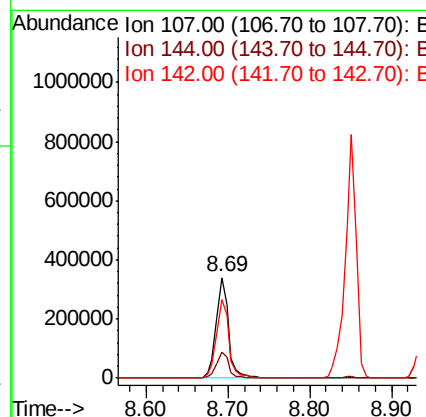
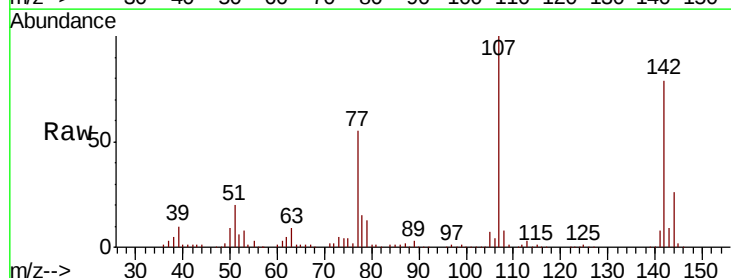
RT: 8.69 min Scan# 1123

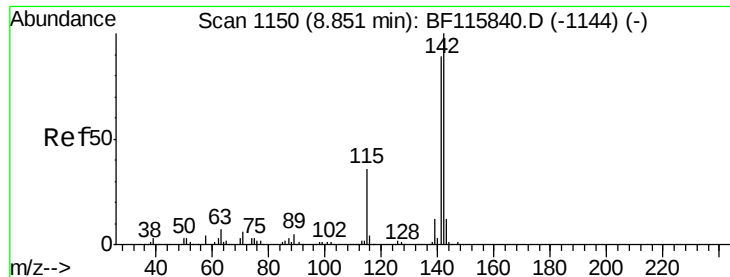
Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	21.4	32.0		
142	78.8	65.5	98.3		





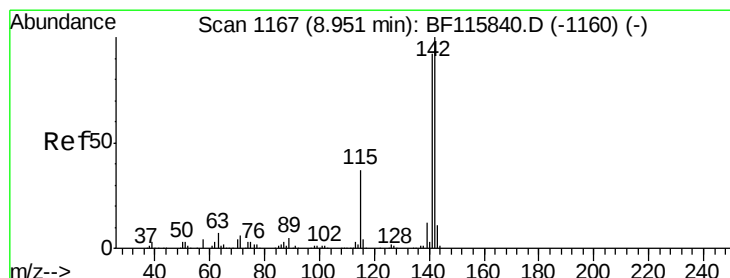
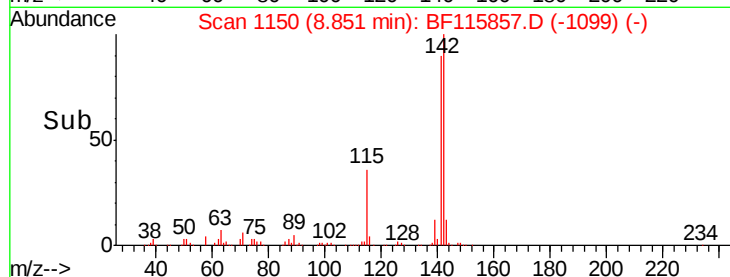
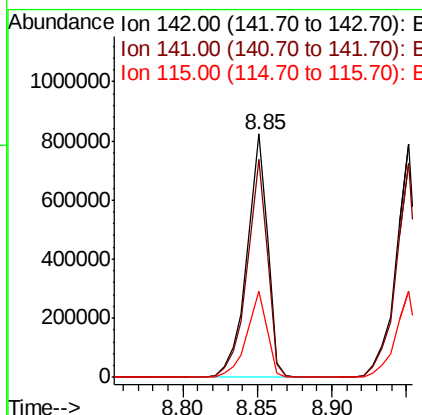
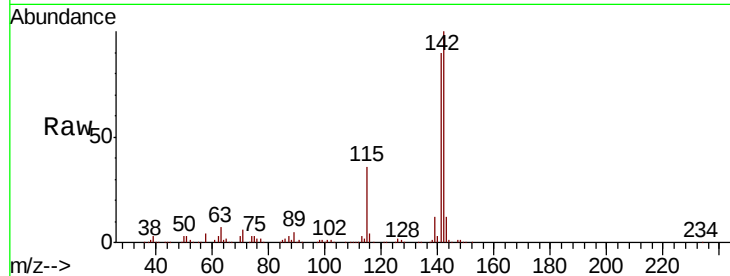
#37
2-Methylnaphthalene
Concen: 43.510 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	35.5	28.9	43.3

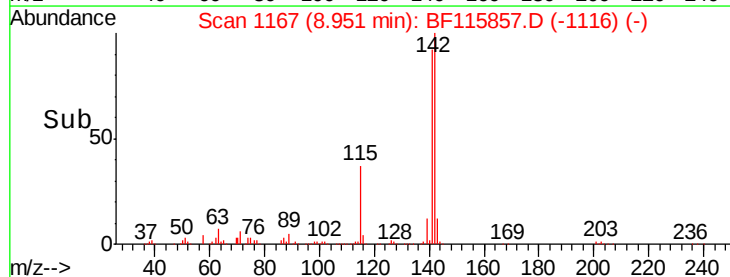
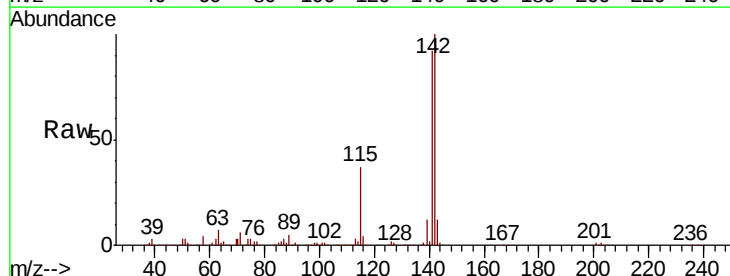
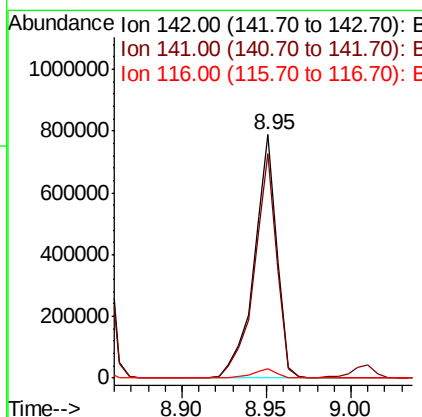
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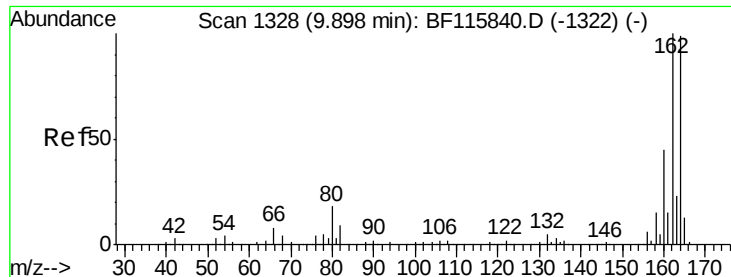
mohammad
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#38
1-Methylnaphthalene
Concen: 42.842 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB121767BS

Tot Ion:164 Resp: 309318

Ion Ratio Lower Upper

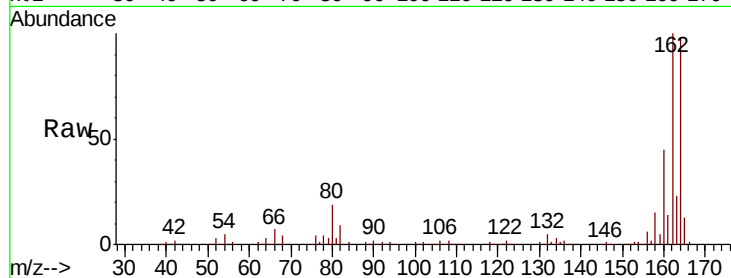
164 100

162 102.4 80.8 121.2

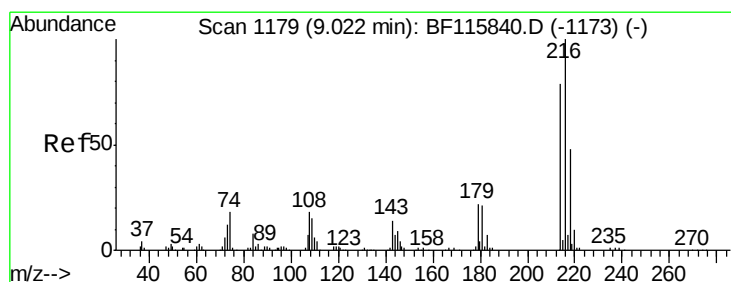
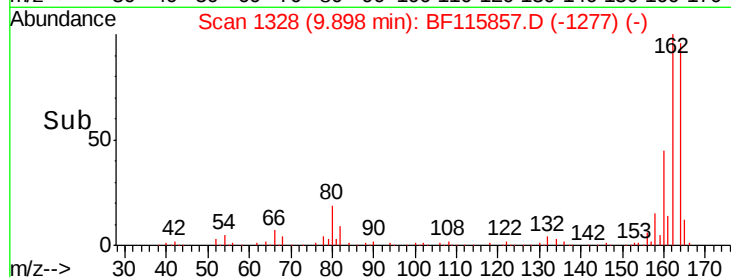
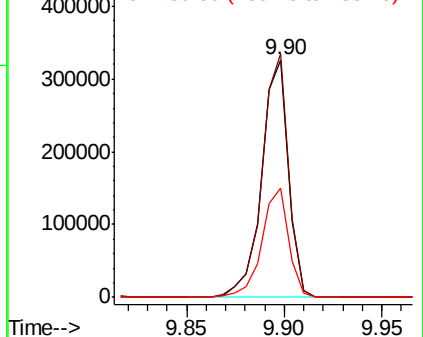
160 45.9 36.2 54.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.216 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:216 Resp: 349097

Ion Ratio Lower Upper

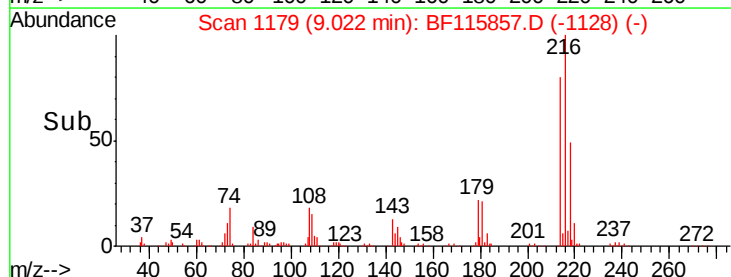
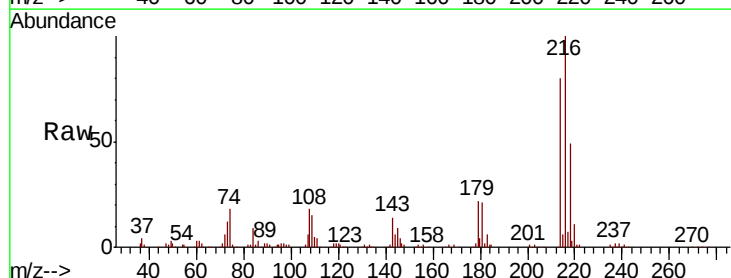
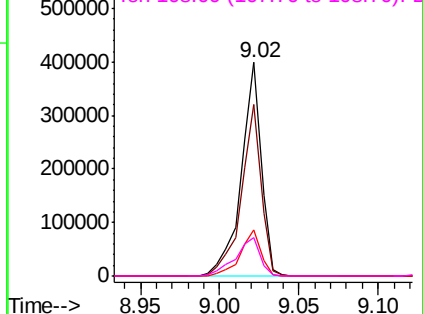
216 100

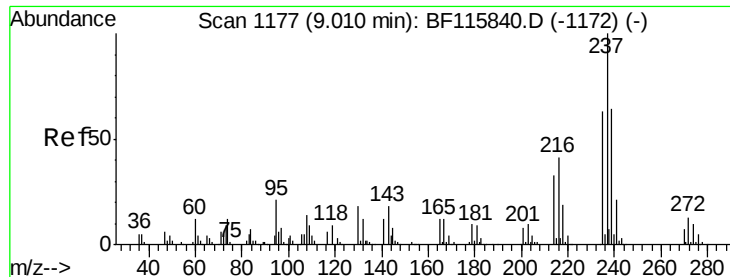
214 79.5 62.8 94.2

179 21.7 17.6 26.4

108 22.1 16.1 24.1

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.095 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

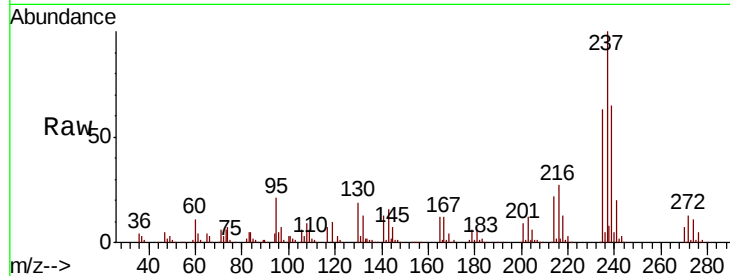
ClientSampleId :

PB121767BS

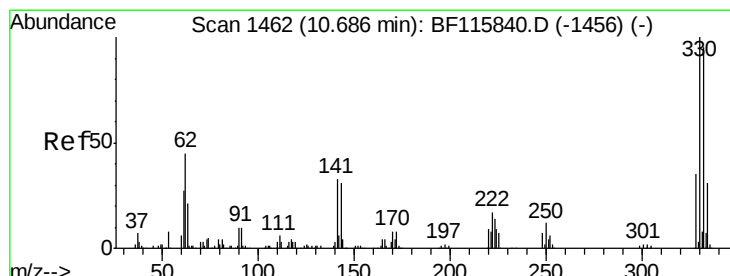
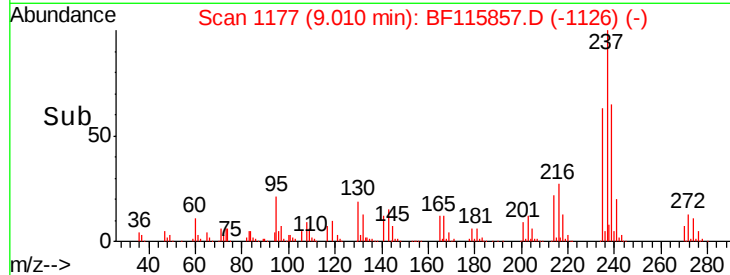
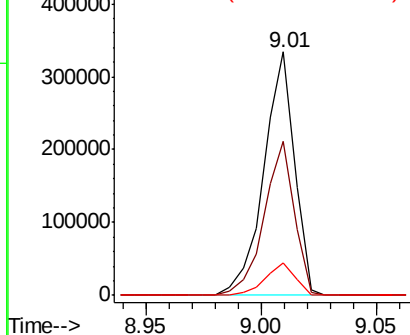
Tot Ion:	237	Resp:	309394
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.5	82.5
272	13.5	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.357 ng

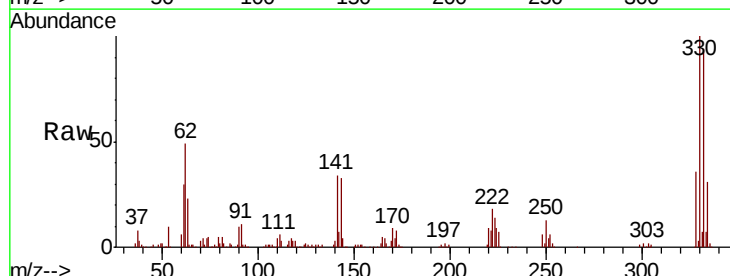
RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

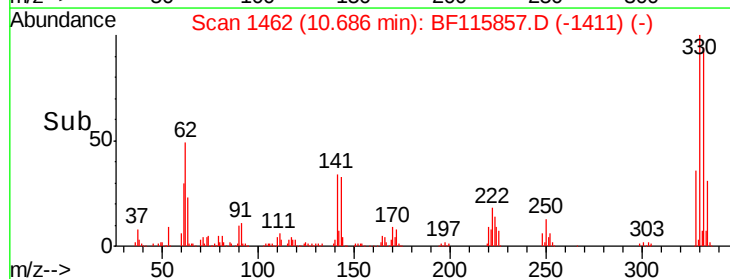
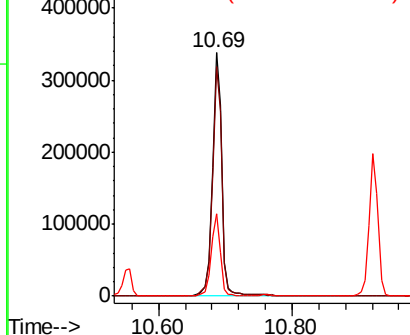
Lab File: BF115857.D

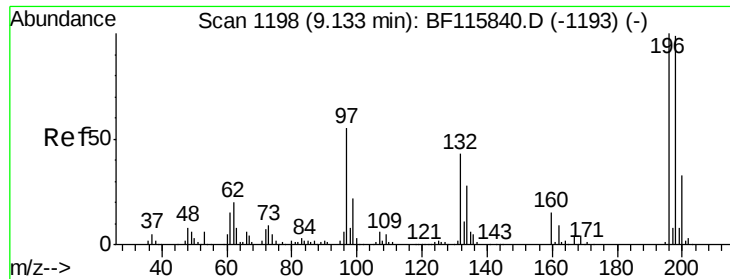
Acq: 31 Jul 2019 11:18

Tgt Ion:	330	Resp:	336950
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.7	116.5
141	33.1	28.1	42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





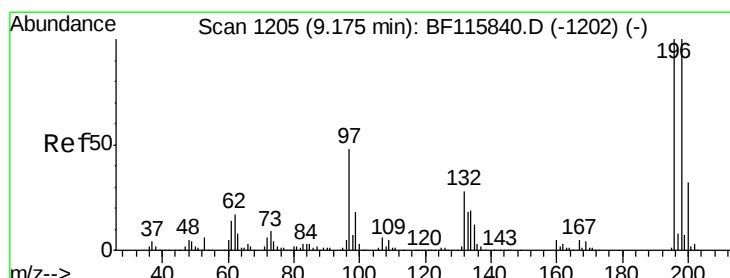
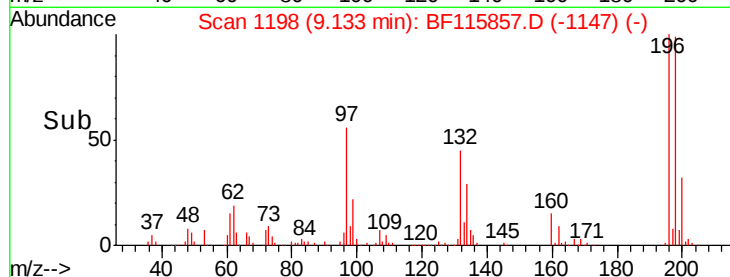
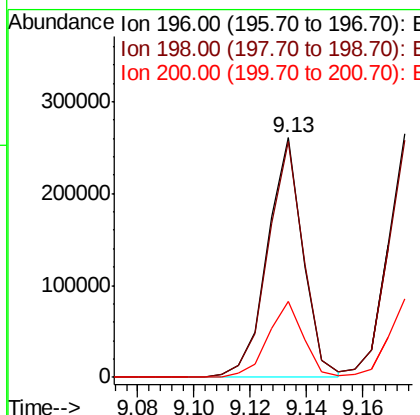
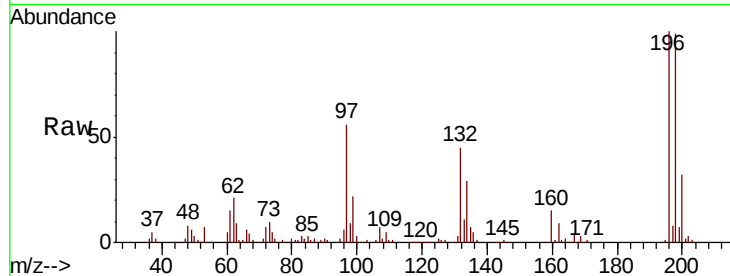
#43
 2,4,6-Trichlorophenol
 Concen: 40.054 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	227981		
198	98.8	79.1	118.7	
200	32.0	26.0	39.0	

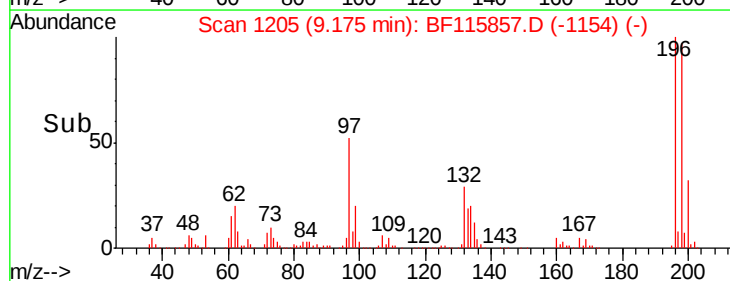
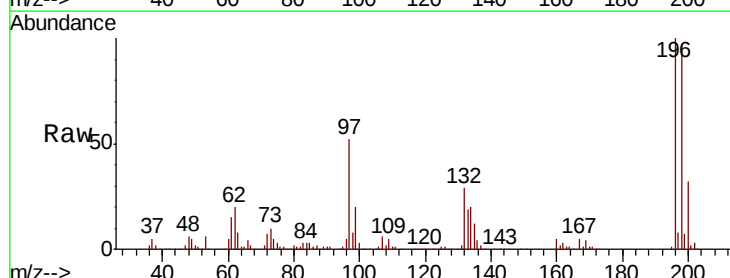
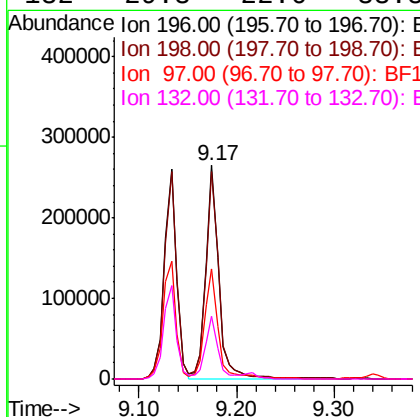
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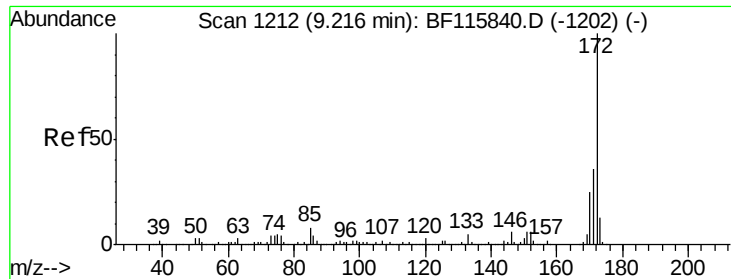
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#44
 2,4,5-Trichlorophenol
 Concen: 41.655 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245085		
198	97.4	80.1	120.1	
97	51.6	38.9	58.3	
132	29.3	22.6	33.8	





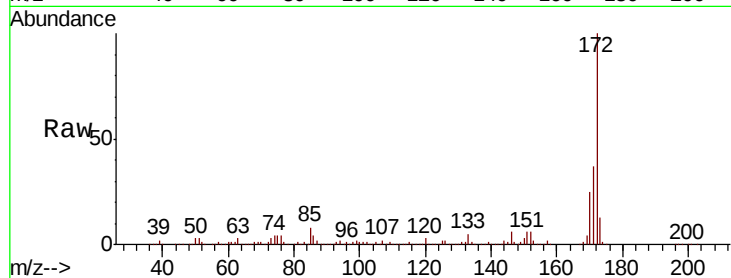
#45
2-Fluorobiphenyl
Concen: 82.711 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.0	20.1	30.1

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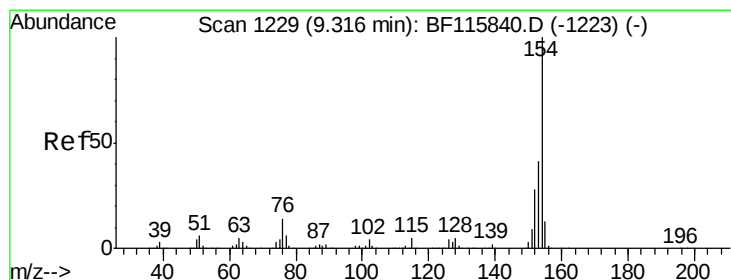
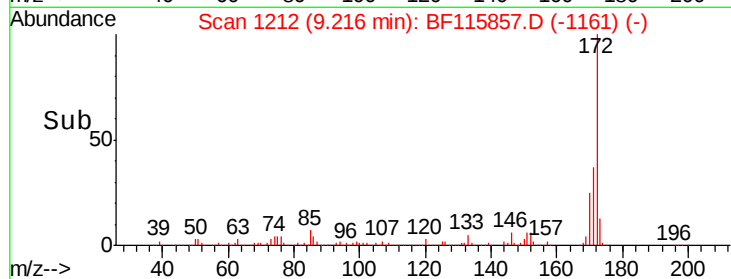
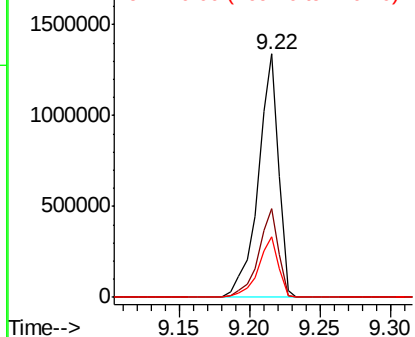


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.918 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

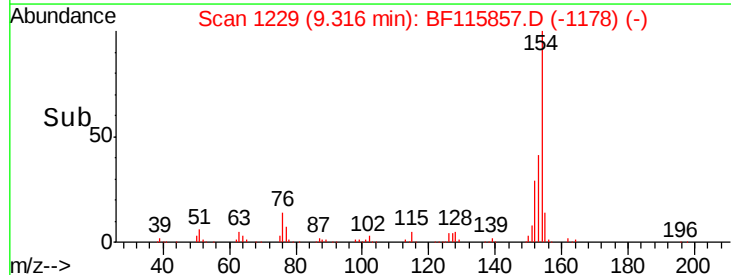
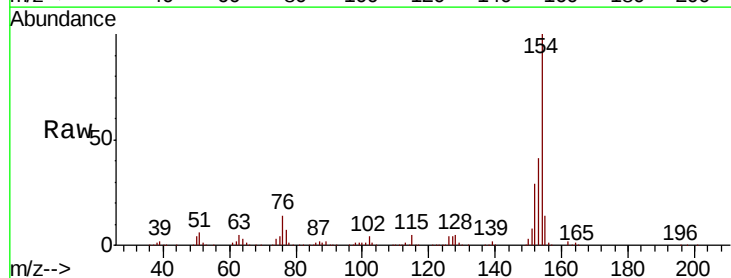
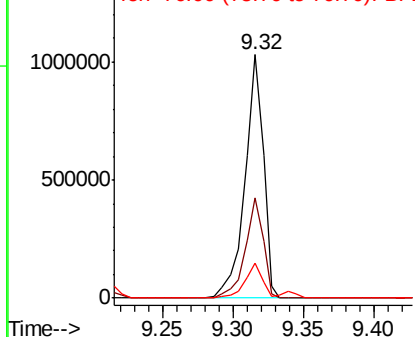
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.4	0.0	34.3

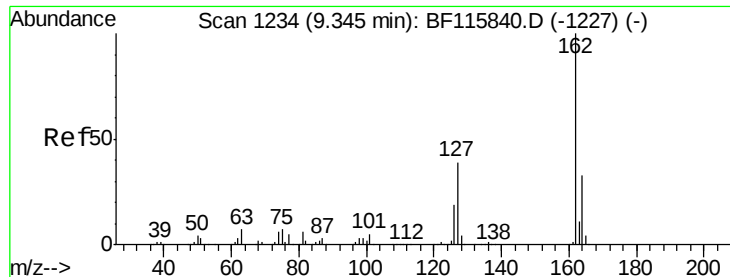
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





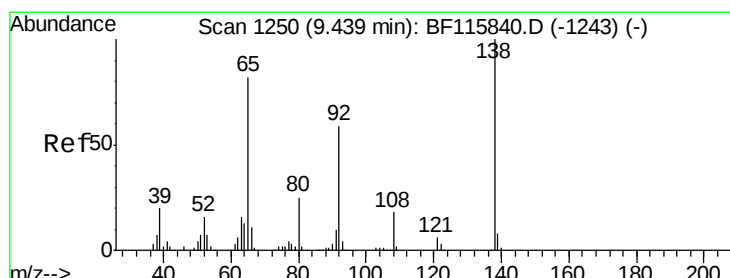
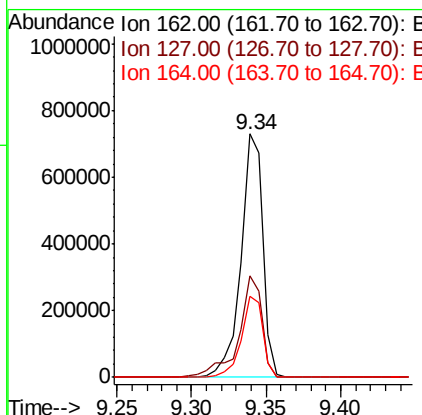
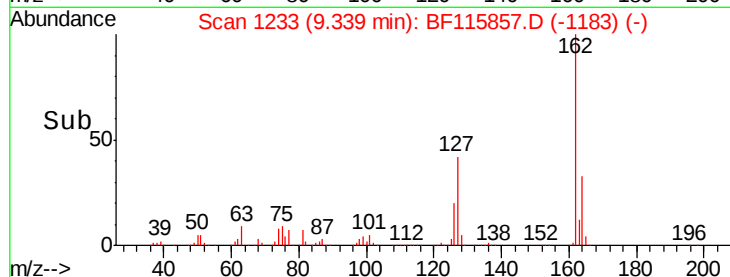
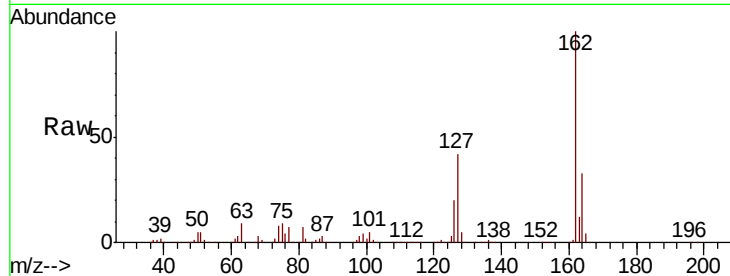
#47
2-Chloronaphthalene
Concen: 40.609 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.6	31.3	46.9
164	33.2	26.6	40.0

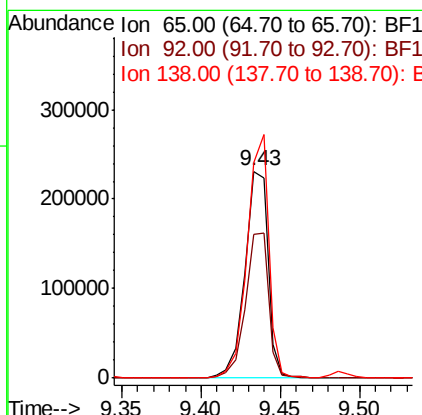
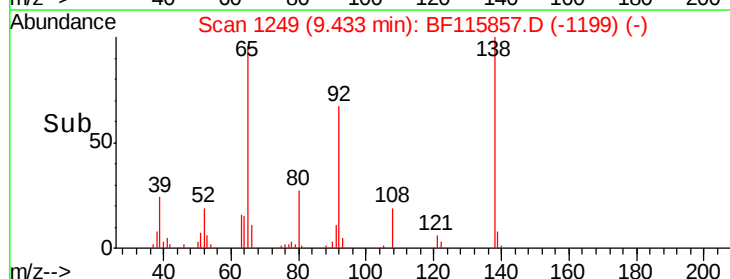
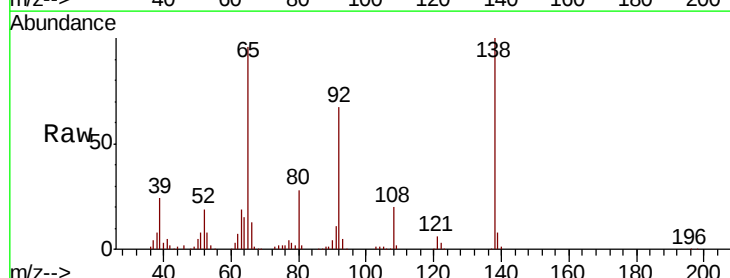
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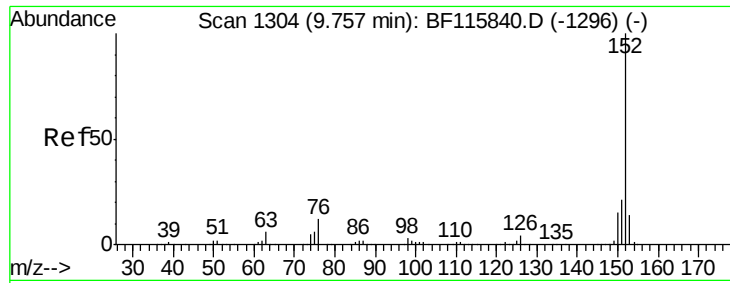
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#48
2-Nitroaniline
Concen: 39.087 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.9	57.1	85.7
138	104.2	97.1	145.7





#49

Acenaphthylene

Concen: 43.088 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB121767BS

Tot Ion:152 Resp: 1142530

Ion Ratio Lower Upper

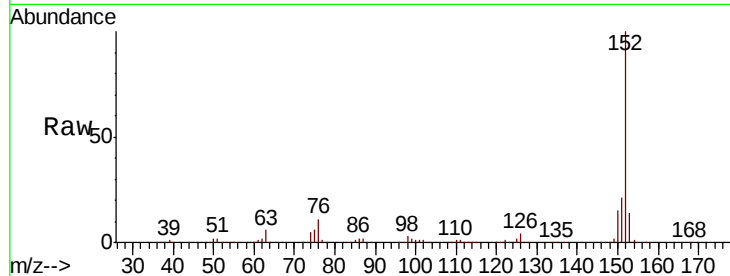
152 100

151 20.8 16.8 25.2

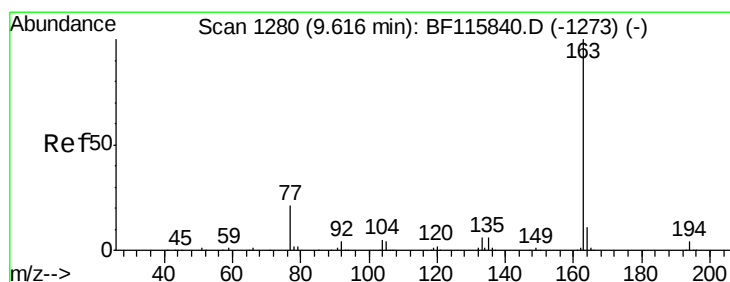
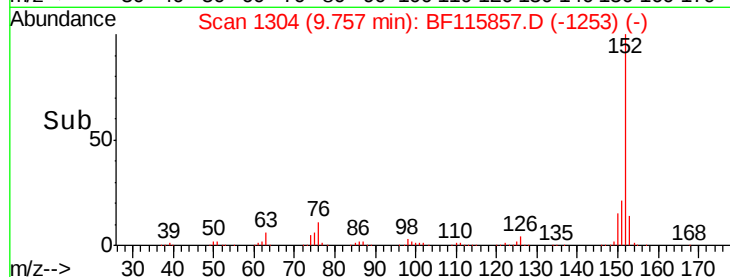
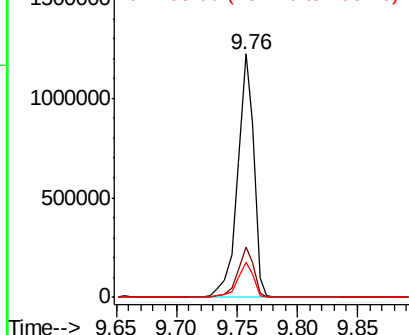
153 14.2 11.6 17.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.839 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

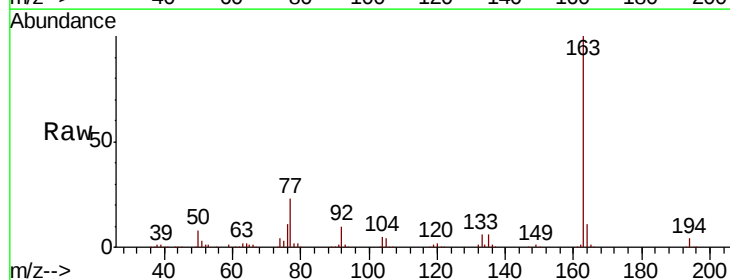
Tgt Ion:163 Resp: 839044

Ion Ratio Lower Upper

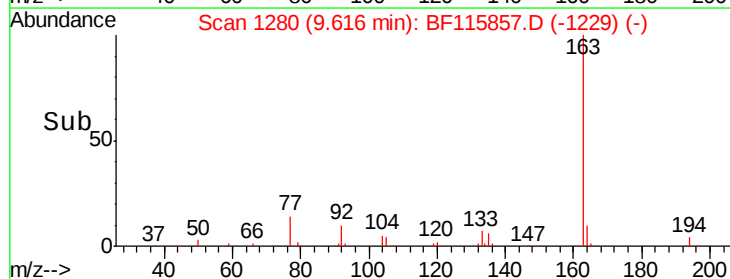
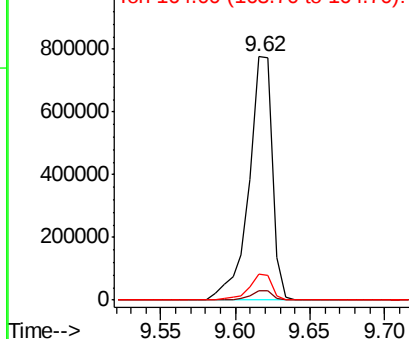
163 100

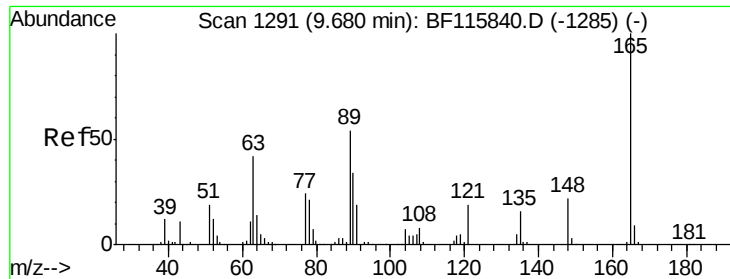
194 3.6 3.0 4.6

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





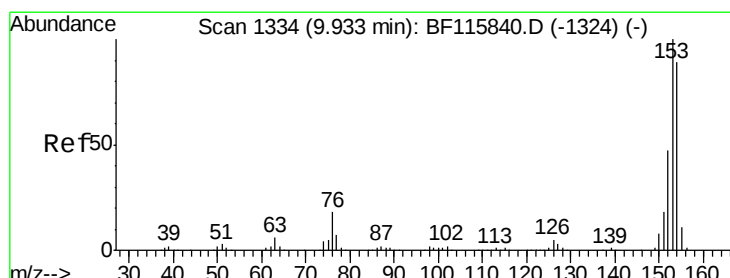
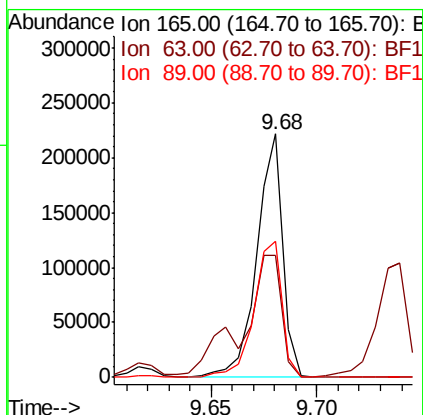
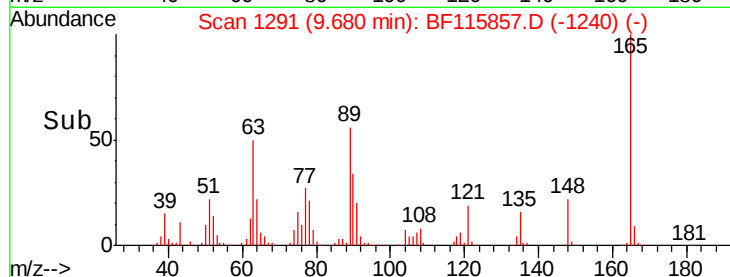
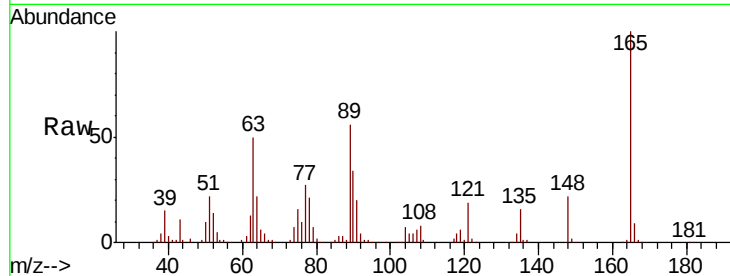
#51
 2,6-Dinitrotoluene
 Concen: 41.367 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion:	165	Resp:	189333
Ion Ratio	Lower	Upper	
165	100		
63	50.2	39.4	59.2
89	55.8	43.0	64.6

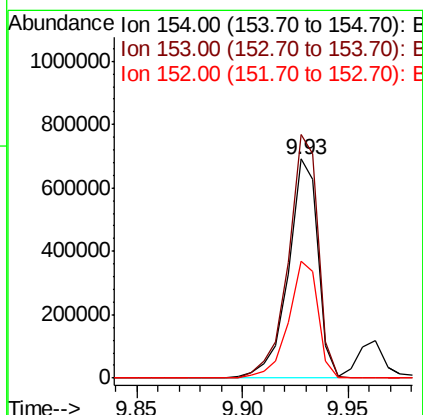
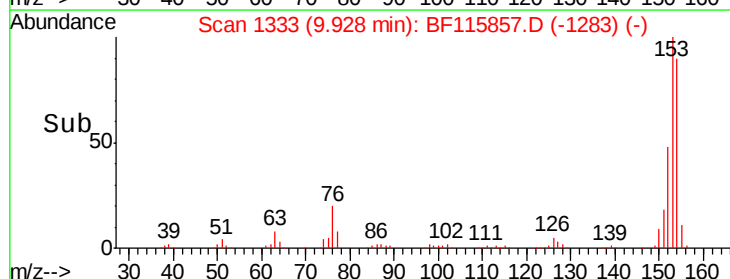
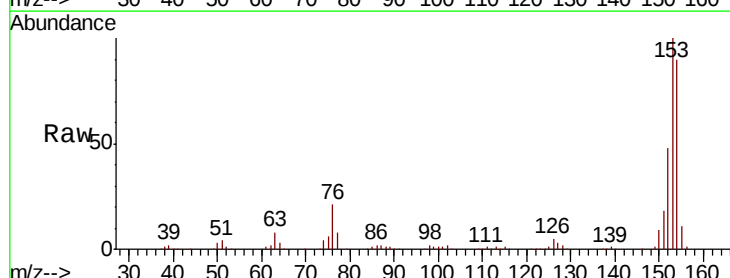
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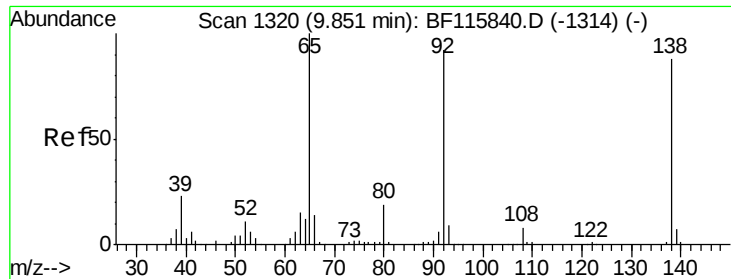
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#52
 Acenaphthene
 Concen: 41.801 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:	154	Resp:	679988
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.1	135.1
152	53.3	42.6	63.8





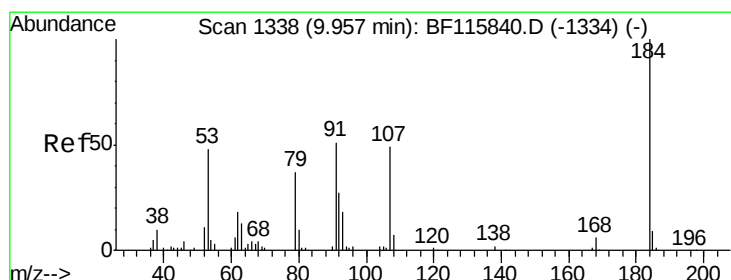
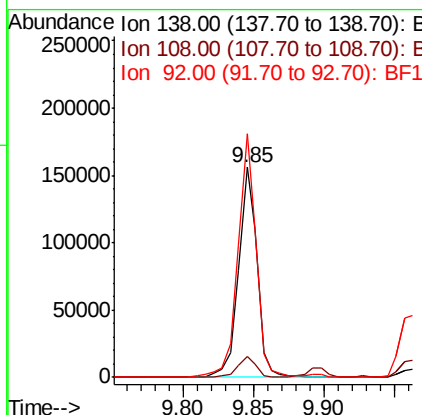
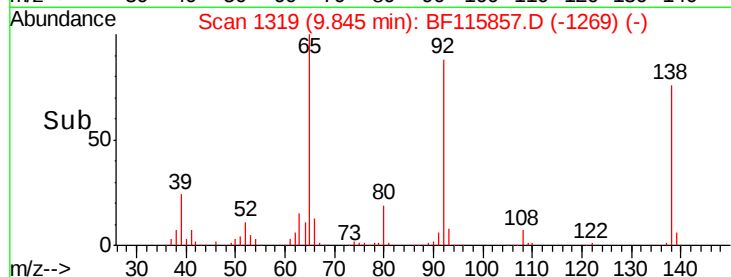
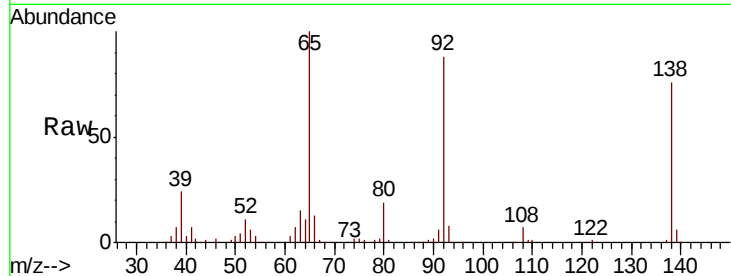
#53
3-Nitroaniline
Concen: 25.116 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	115.9	83.9	125.9

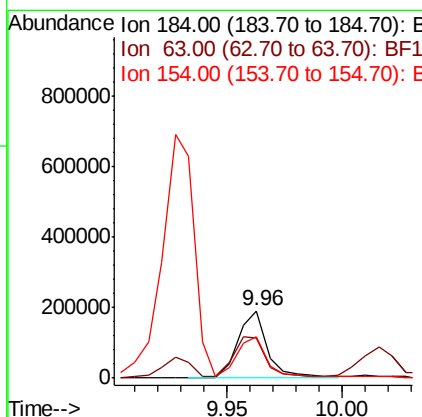
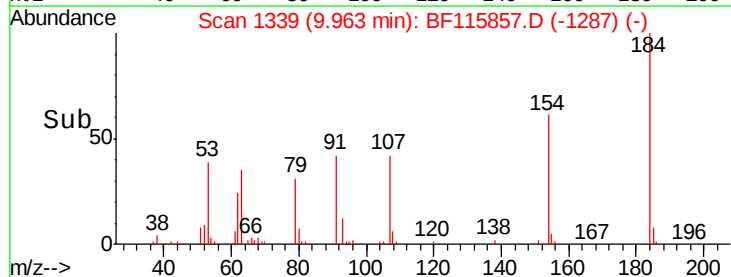
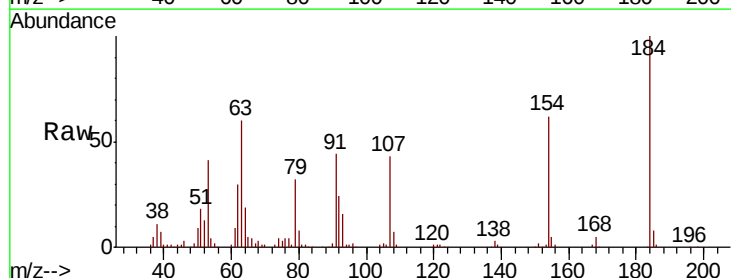
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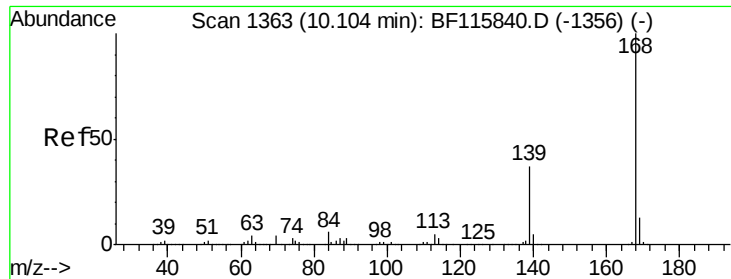
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.108 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	56.7	85.1
154	61.6	51.9	77.9





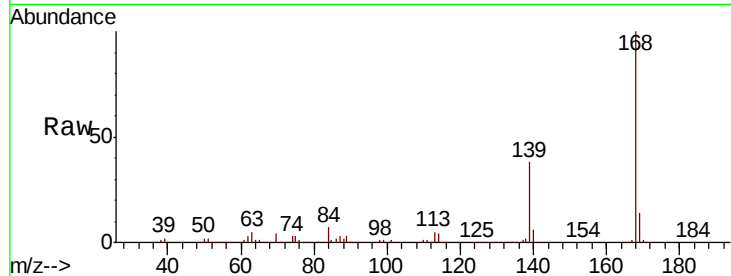
#55
Dibenzofuran
Concen: 42.795 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

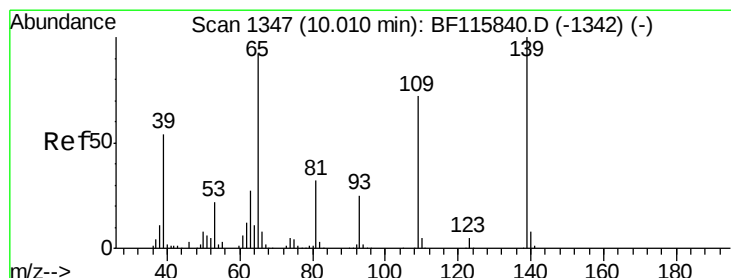
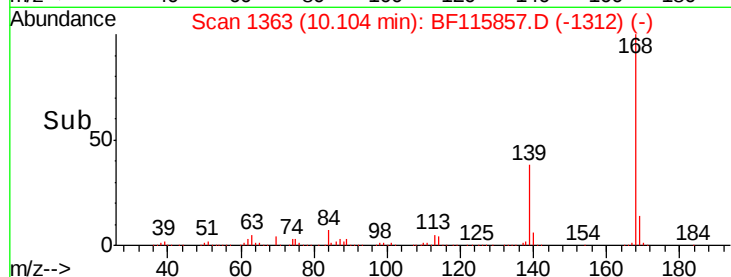
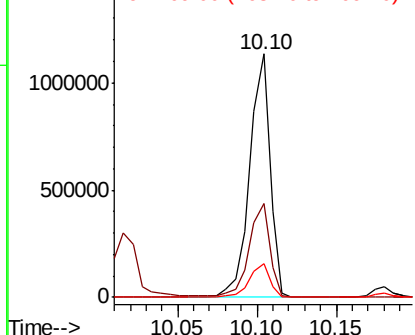
Tot Ion:168 Resp: 1012388
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.2
169 13.9 10.8 16.2

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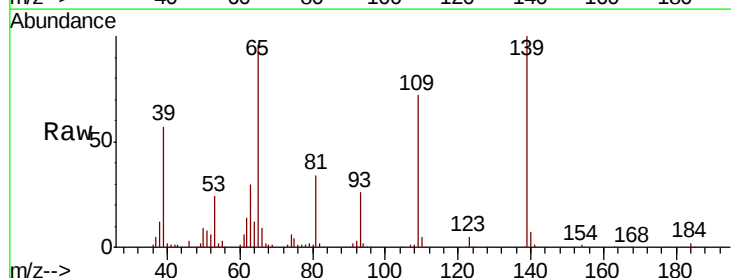


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

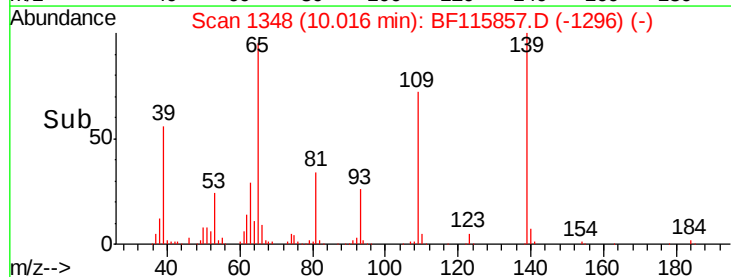
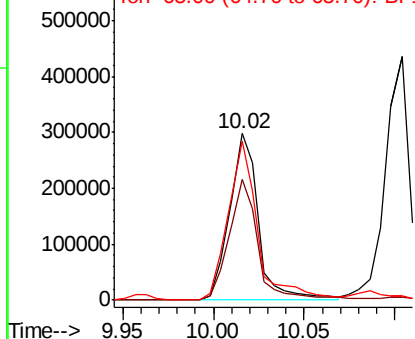


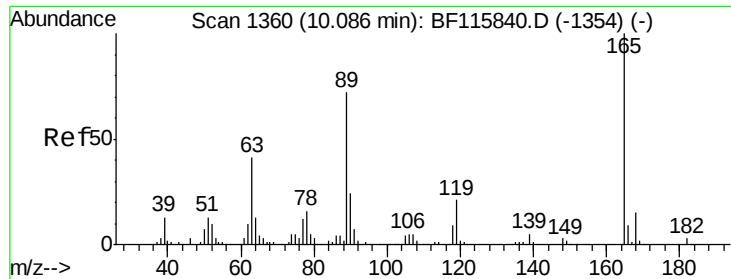
#56
4-Nitrophenol
Concen: 91.139 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:139 Resp: 330183
Ion Ratio Lower Upper
139 100
109 72.3 52.0 92.0
65 95.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





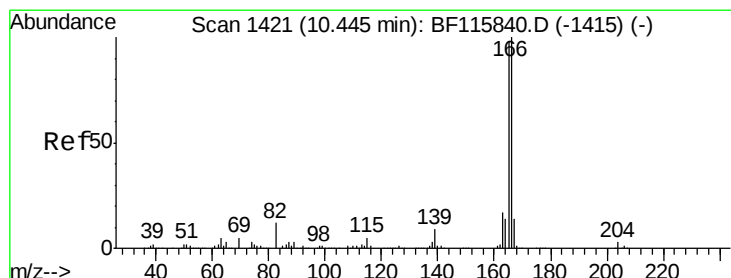
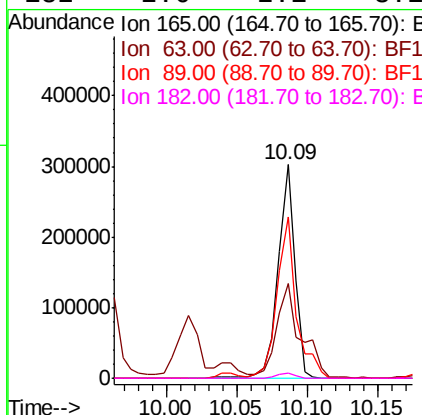
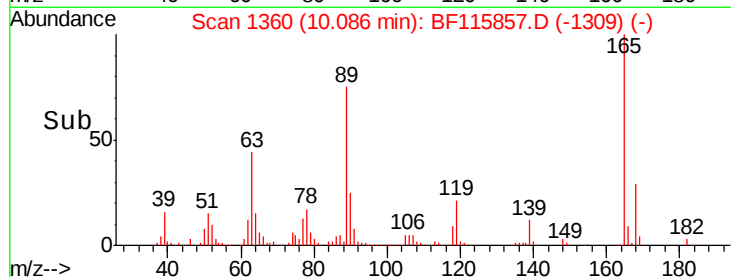
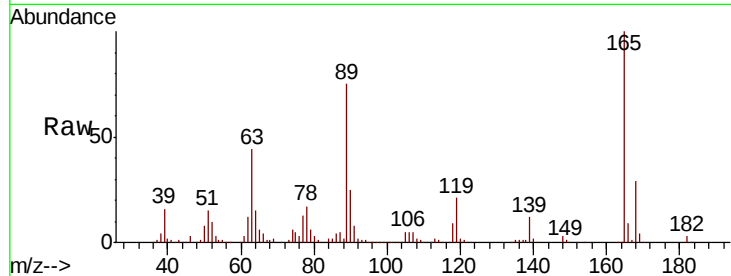
#57
2,4-Dinitrotoluene
Concen: 41.570 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		253318		
63	44.4	33.2	49.8		
89	75.3	57.3	85.9		
182	2.6	2.1	3.1		

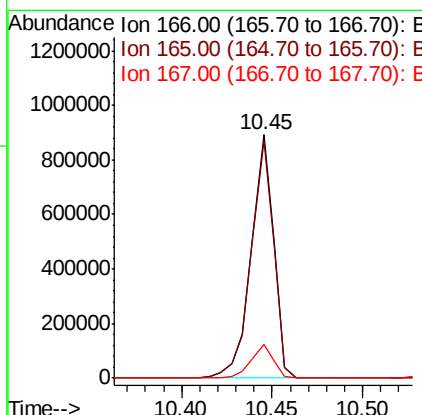
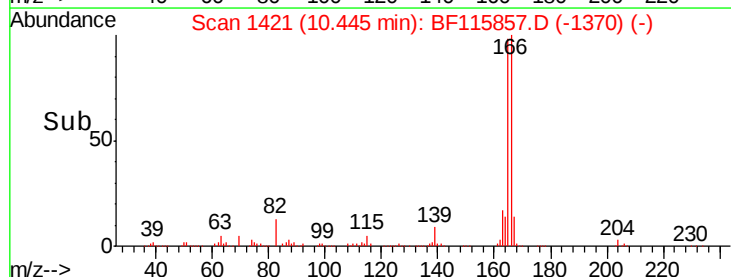
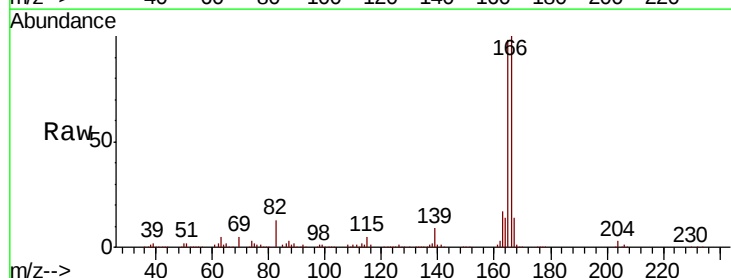
Manual Integrations
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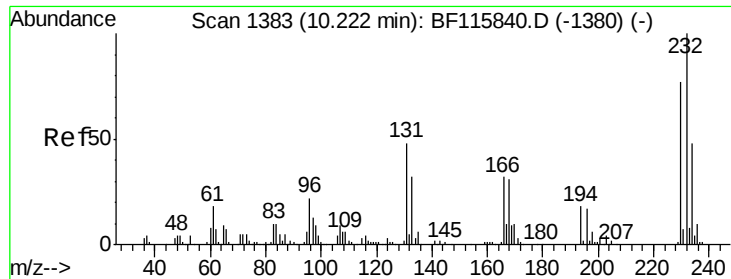
mohammad
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#58
Fluorene
Concen: 42.450 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		772630		
165	97.6	78.6	118.0		
167	13.7	10.9	16.3		





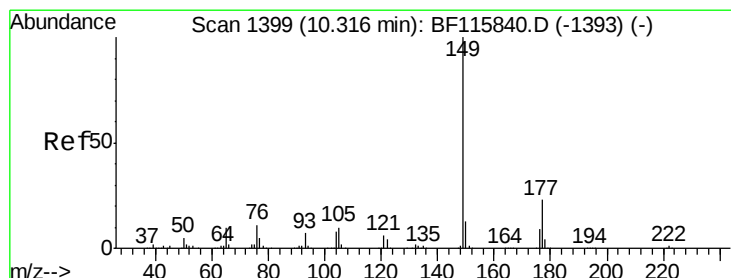
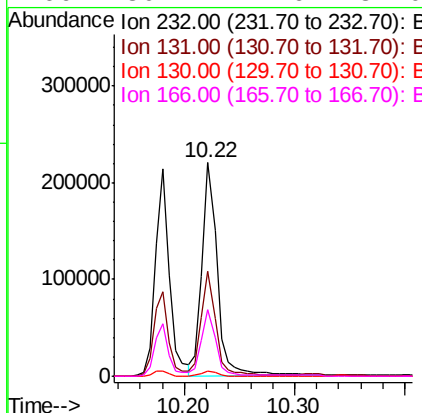
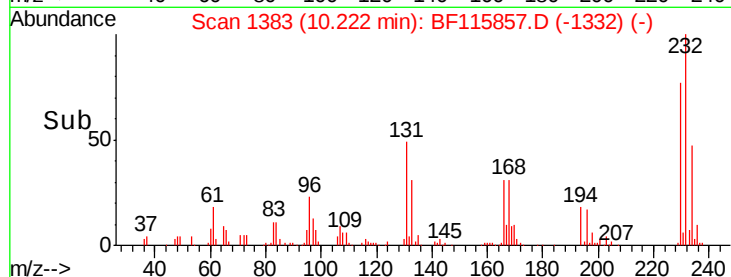
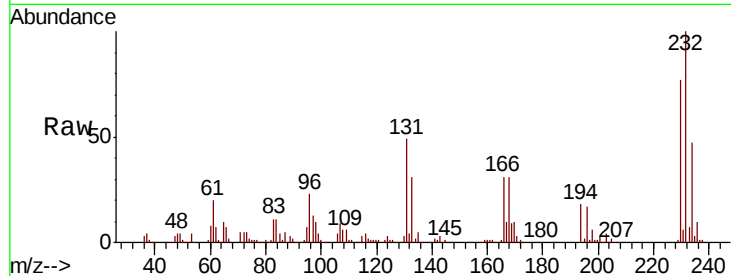
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.547 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.6	56.4
130	2.5	1.8	2.8
166	30.1	24.6	37.0

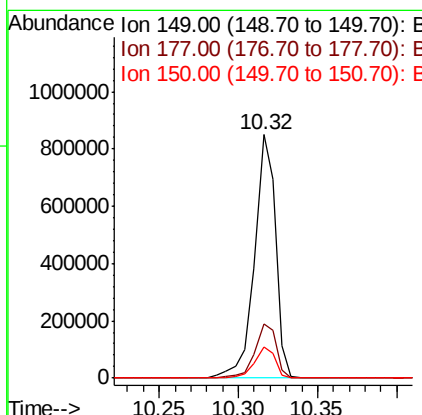
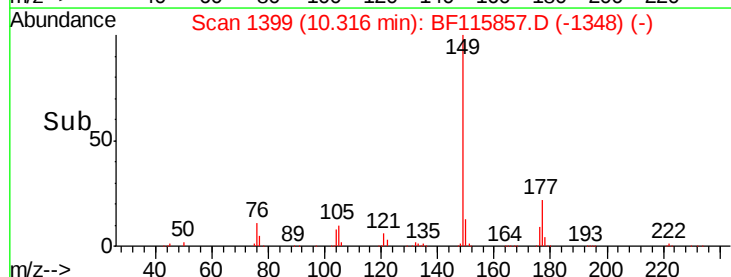
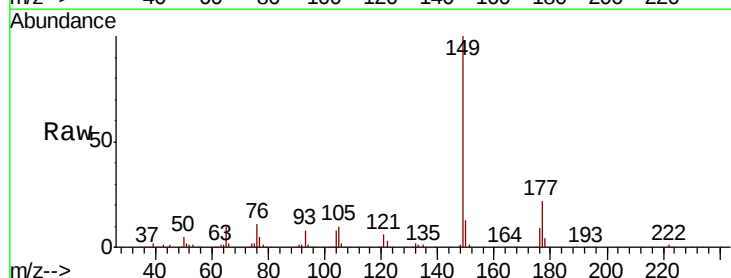
Manual Integrations
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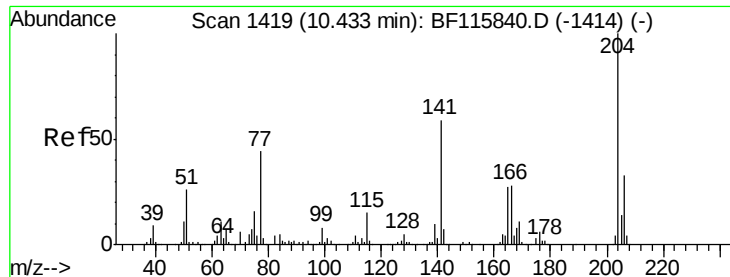
mohammad
8/1/2019 5:06:17 PM



#60
Diethylphthalate
Concen: 39.951 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.4	27.6
150	12.8	10.1	15.1





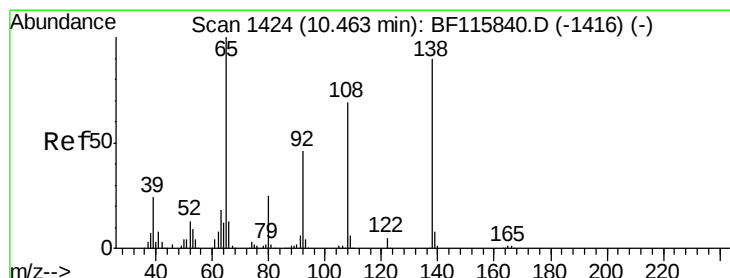
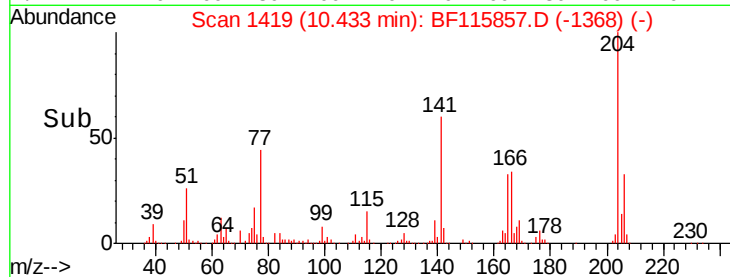
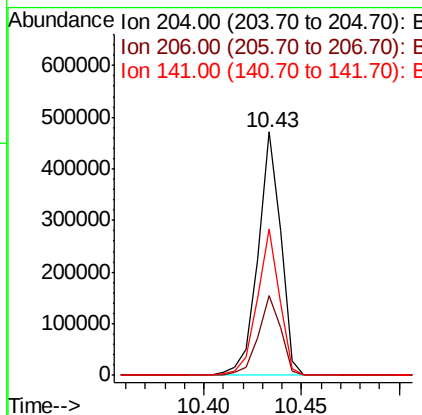
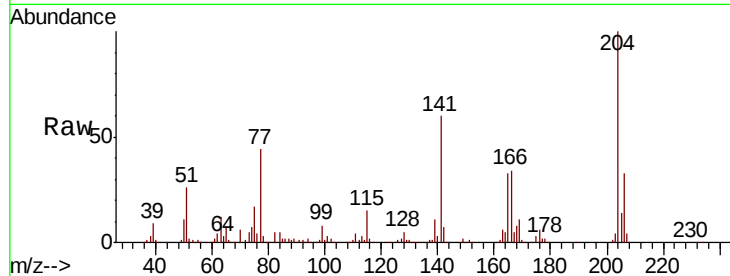
#61
 4-Chlorophenyl-phenylether
 Concen: 41.192 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion:	204	Resp:	379703
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.4	39.6
141	60.1	47.0	70.4

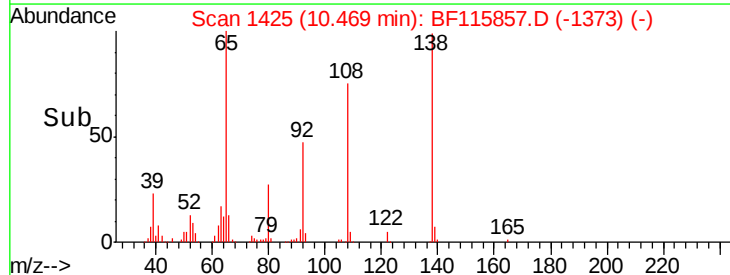
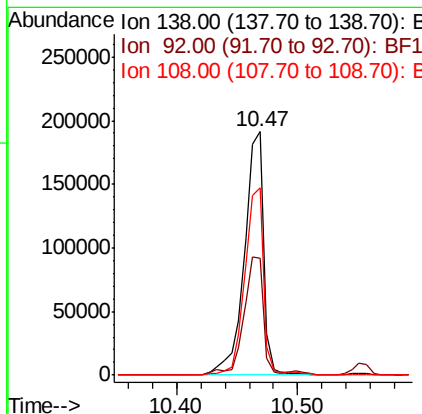
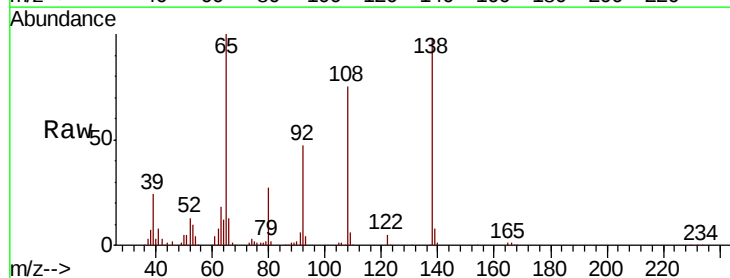
Manual Integrations
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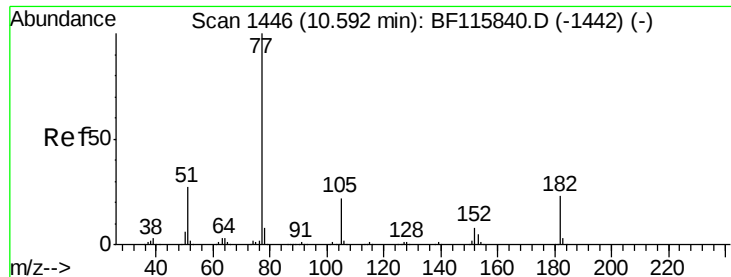
mohammad
 8/1/2019 5:06:17 PM



#62
 4-Nitroaniline
 Concen: 36.625 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:	138	Resp:	214057
Ion Ratio	Lower	Upper	
138	100		
92	48.0	31.0	71.0
108	76.8	56.7	96.7





#63

Azobenzene

Concen: 41.226 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB121767BS

Tot Ion: 77 Resp: 833792

Ion Ratio Lower Upper

77 100

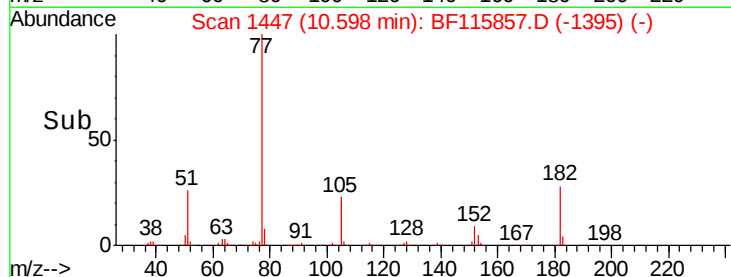
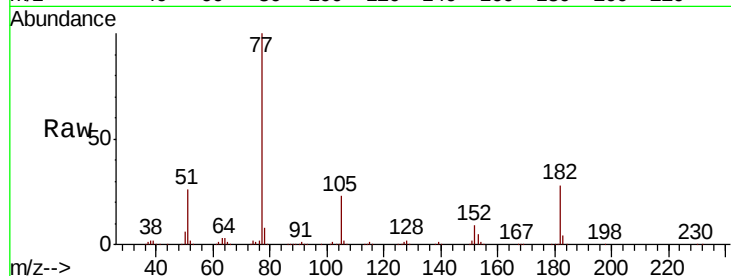
182 27.9 2.6 42.6

105 22.9 1.6 41.6

51 26.2 7.4 47.4

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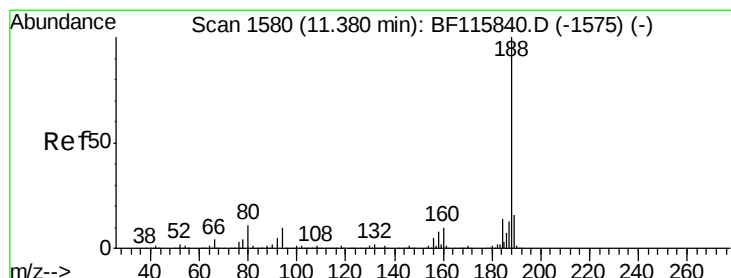
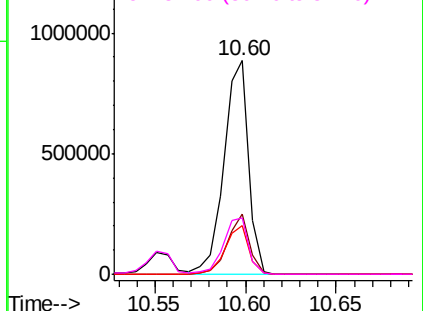


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

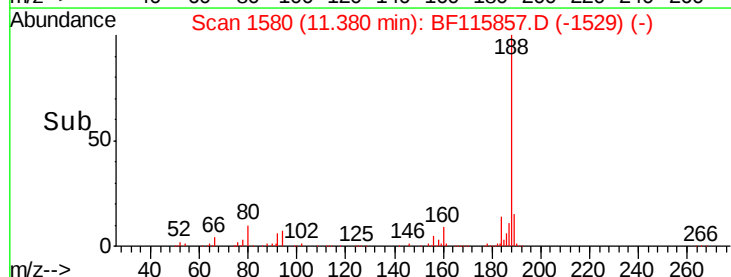
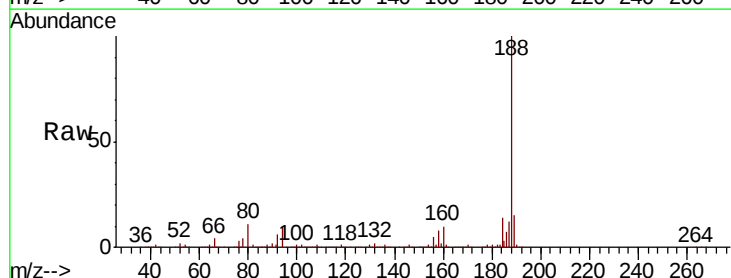
Tgt Ion: 188 Resp: 535004

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

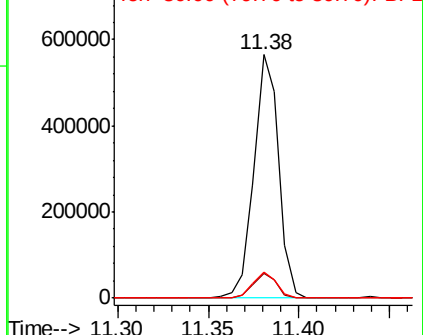
80 10.8 8.6 12.8

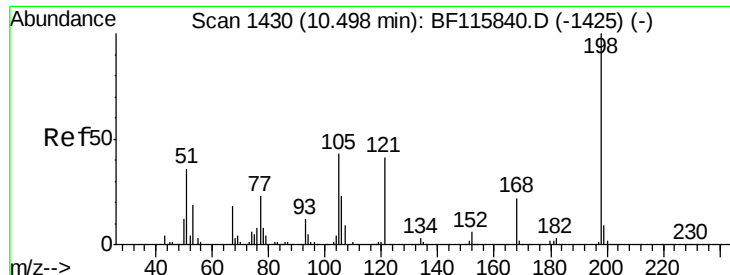


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.551 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

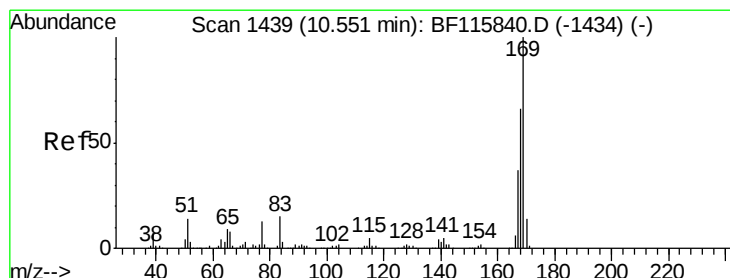
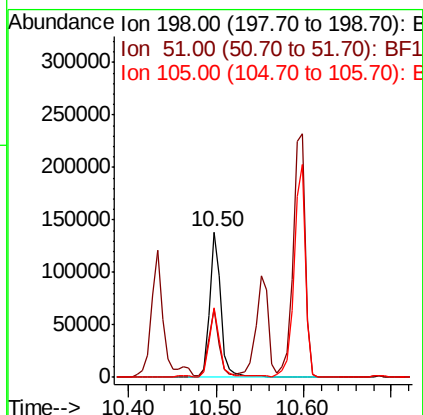
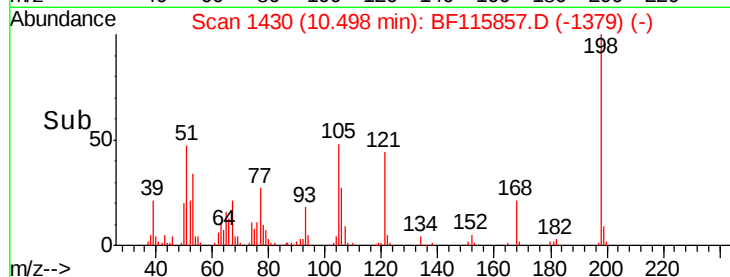
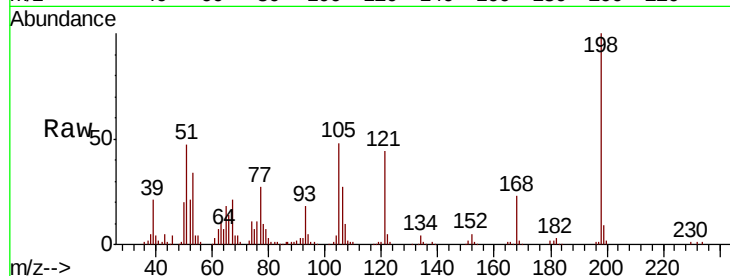
ClientSampleId :

PB121767BS

Tot Ion:	198	Resp:	123475
Ion Ratio	Lower	Upper	
198	100		
51	46.7	21.1	61.1
105	48.0	24.5	64.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.592 ng

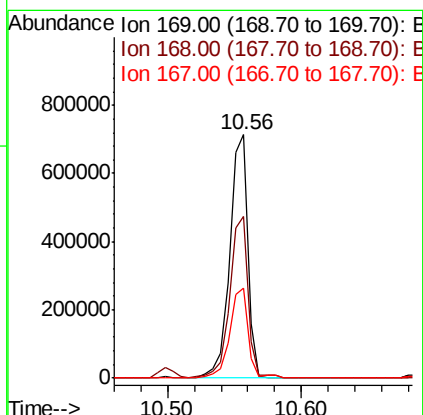
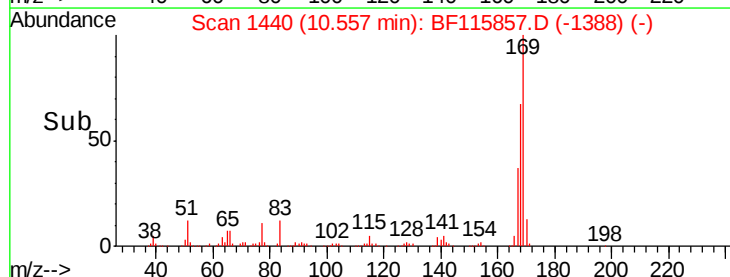
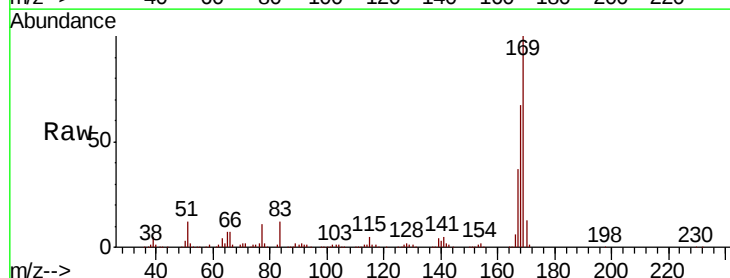
RT: 10.56 min Scan# 1440

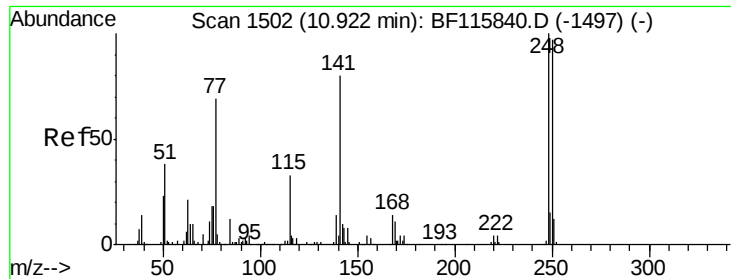
Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:	169	Resp:	685863
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.0	79.6
167	37.1	29.9	44.9





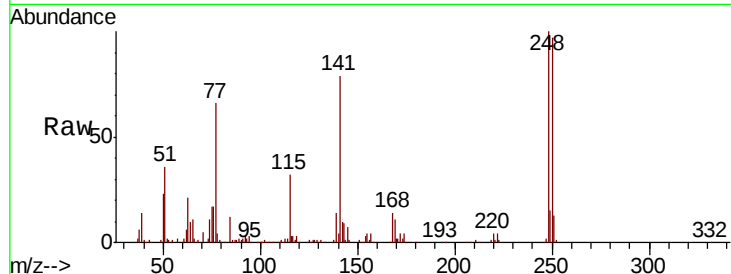
#67
4-Bromophenyl-phenylether
Concen: 40.672 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.8	116.6
141	78.9	64.3	96.5

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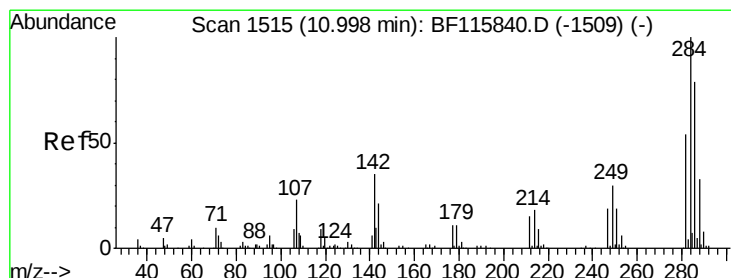
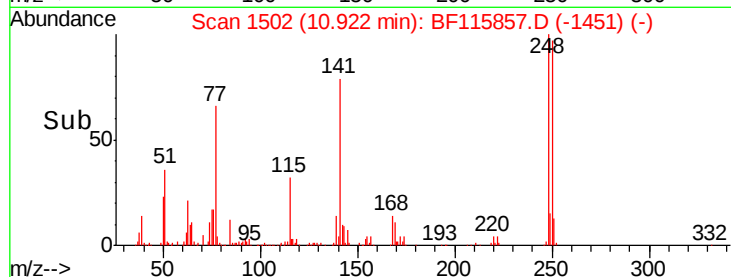
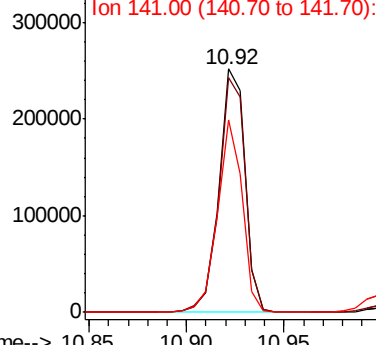


Abundance

Ion 248.00 (247.70 to 248.70): E

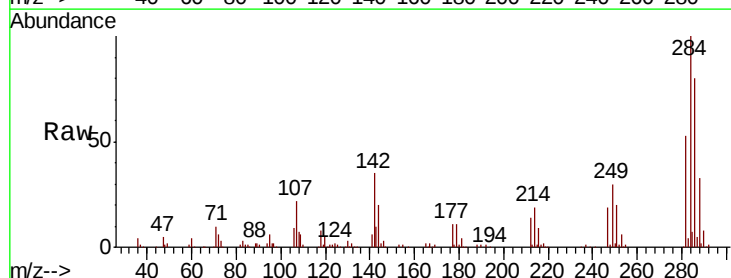
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.749 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.2	42.2
249	30.2	24.0	36.0

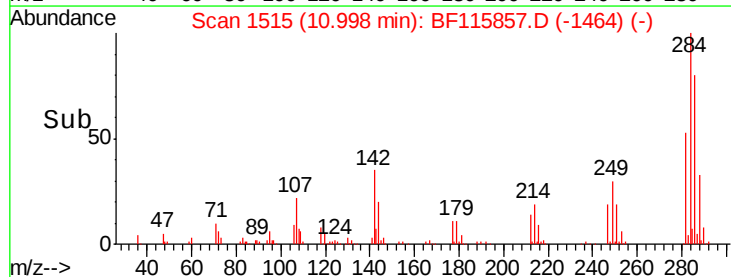
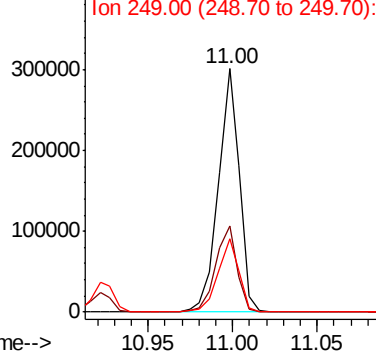


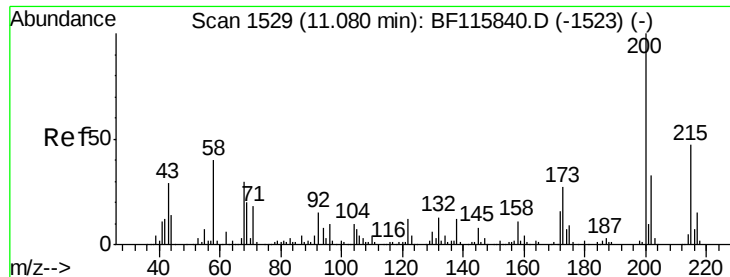
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





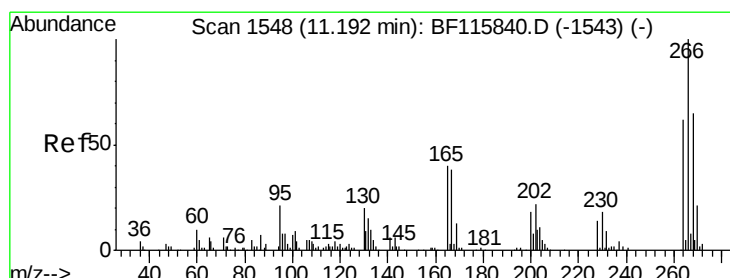
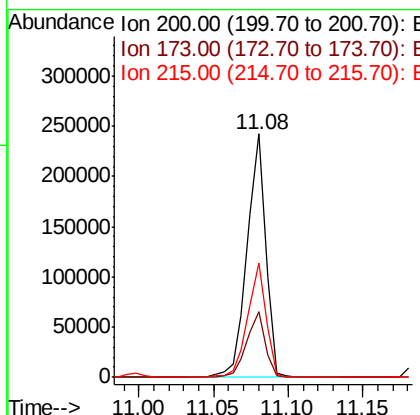
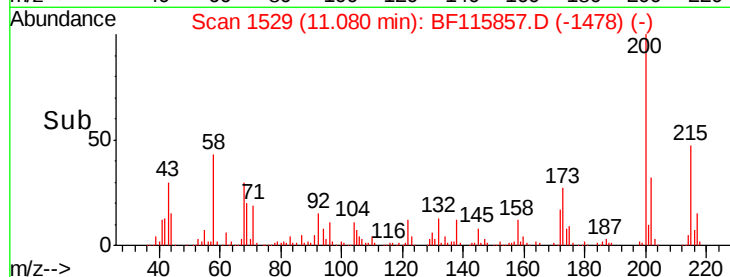
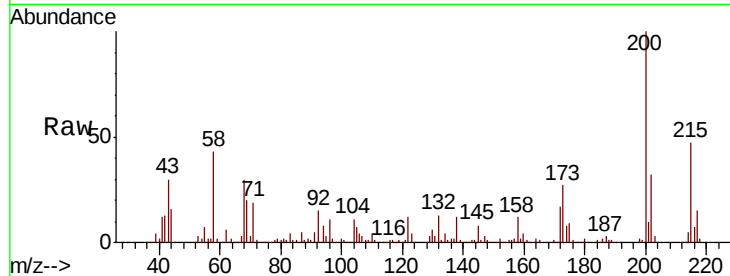
#69
 Atrazine
 Concen: 39.684 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	210228		
173	26.8	7.3	47.3	
215	47.1	26.9	66.9	

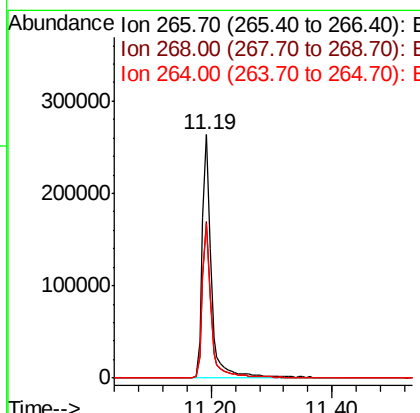
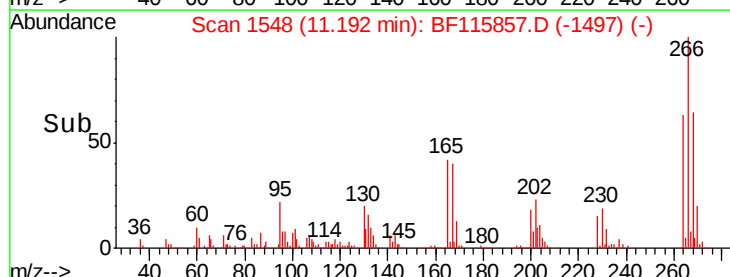
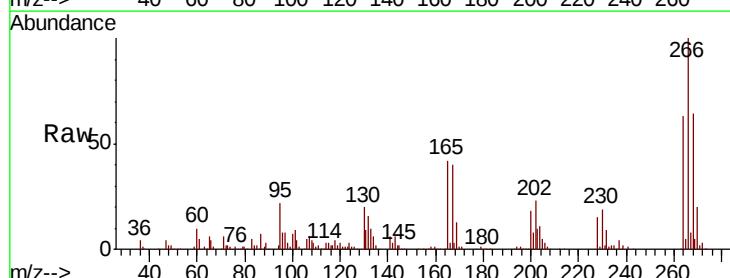
Manual Integrations
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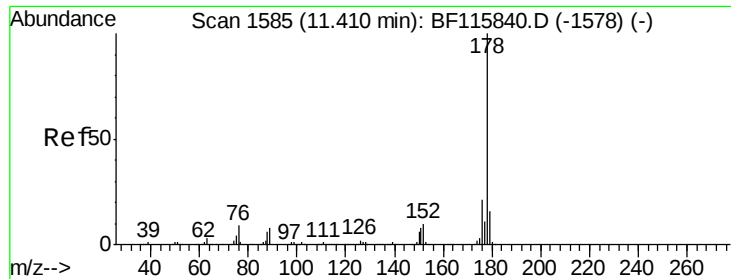
mohammad
 8/1/2019 5:06:17 PM



#70
 Pentachlorophenol
 Concen: 86.886 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279361		
268	64.1	51.6	77.4	
264	63.3	49.4	74.0	





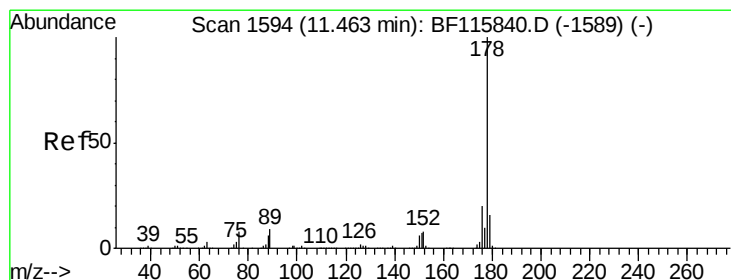
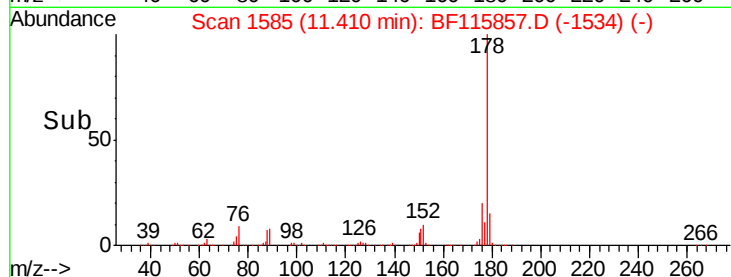
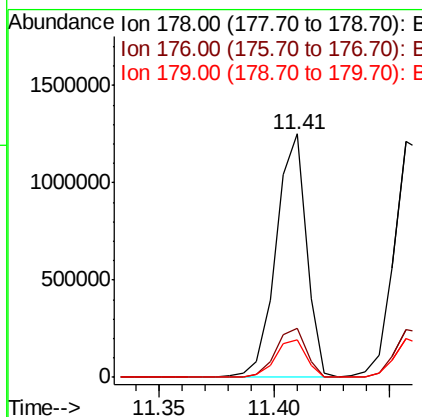
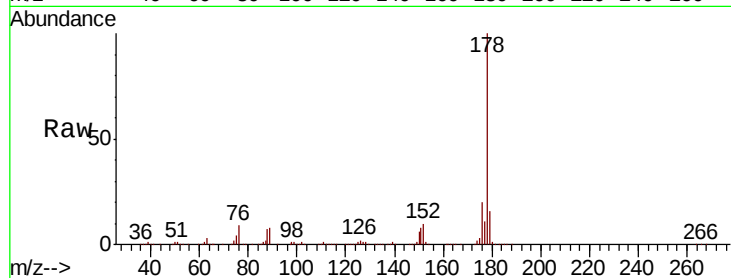
#71
Phenanthrene
Concen: 41.728 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	15.5	12.6	18.8

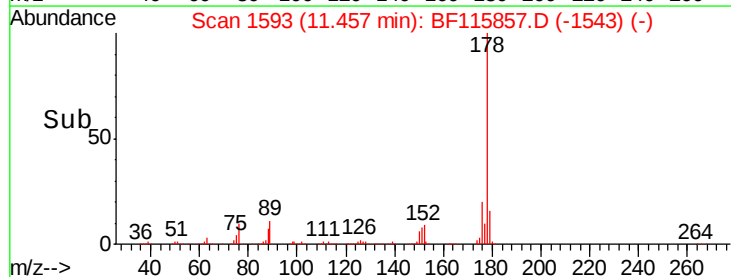
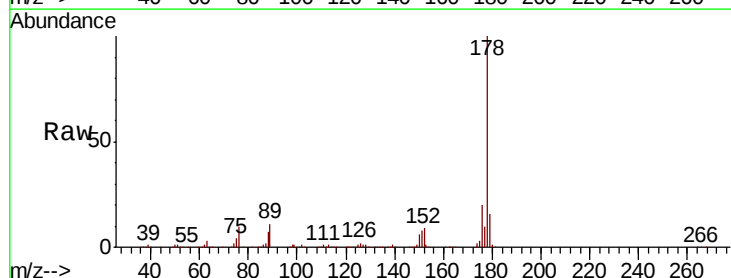
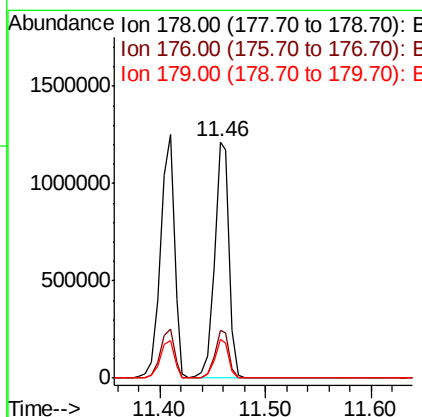
Manual Integrations
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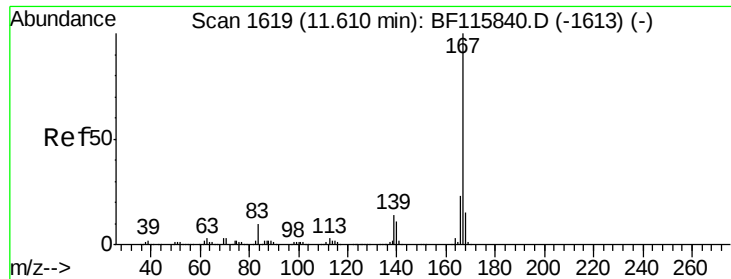
mohammad
8/1/2019 5:06:17 PM



#72
Anthracene
Concen: 43.165 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.2	12.4	18.6





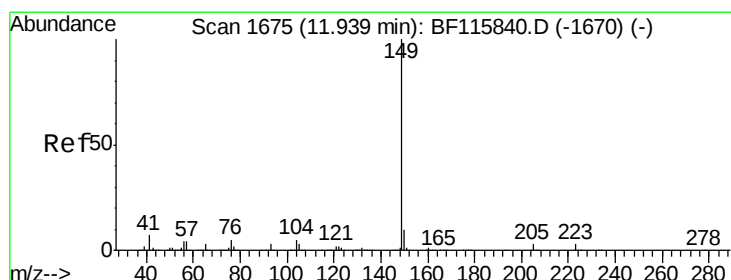
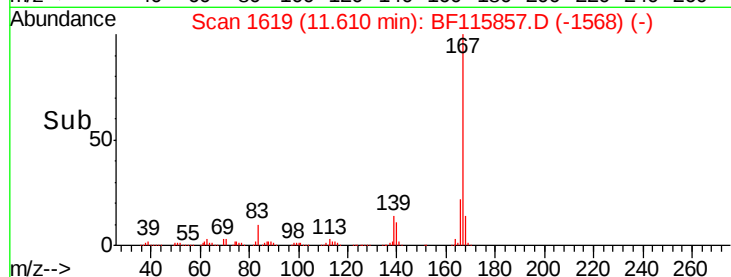
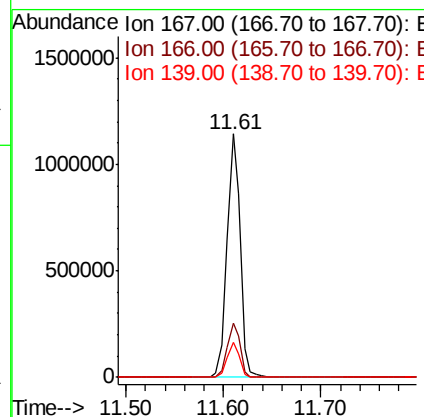
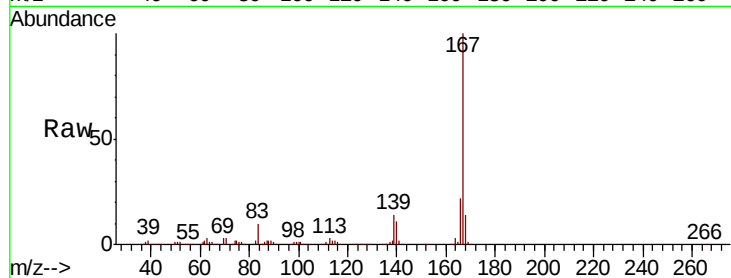
#73
 Carbazole
 Concen: 42.442 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	18.0	27.0	
139	14.3	11.4	17.2	

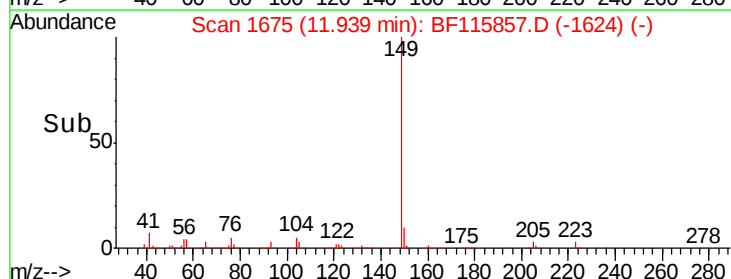
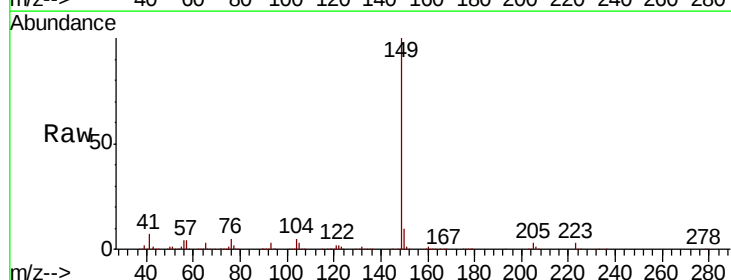
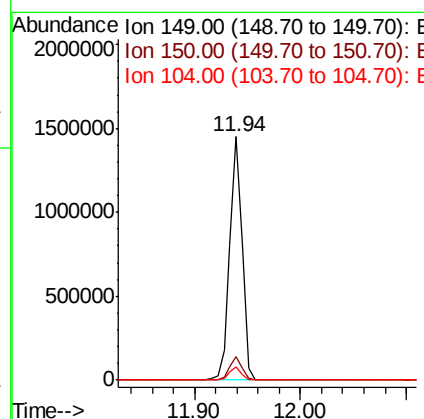
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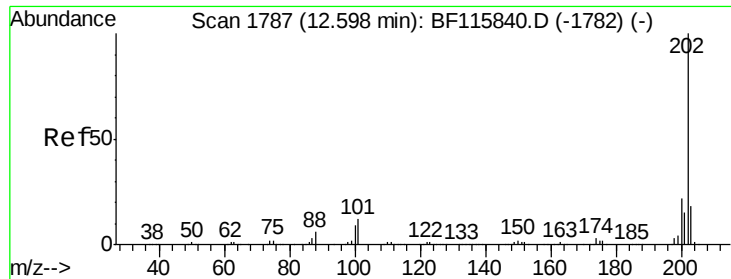
mohammad
 8/1/2019 5:06:17 PM



#74
 Di-n-butylphthalate
 Concen: 40.528 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.7	11.5	
104	5.5	4.3	6.5	





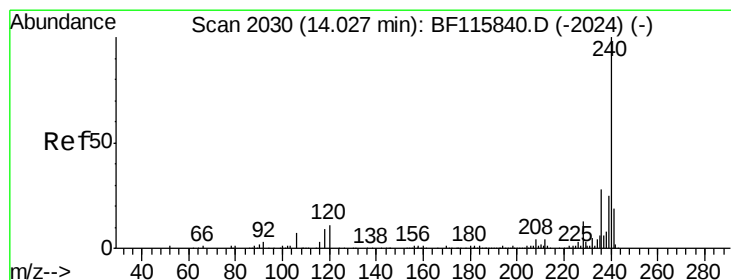
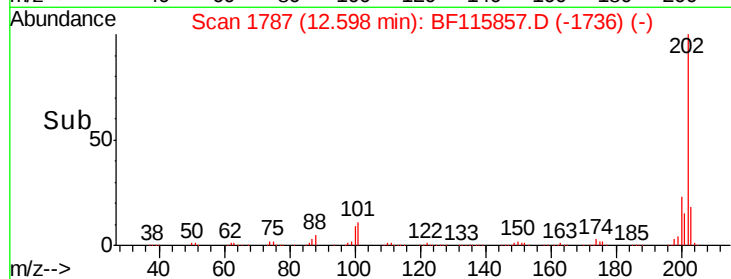
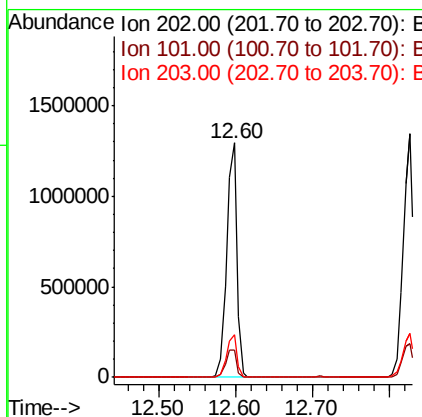
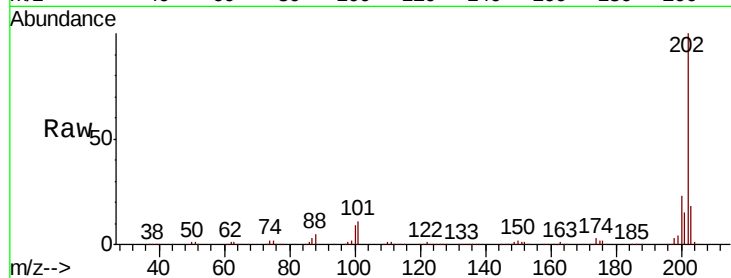
#75
 Fluoranthene
 Concen: 41.957 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	18.0	0.0	37.9

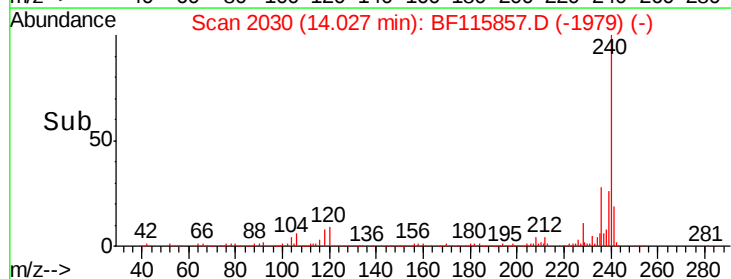
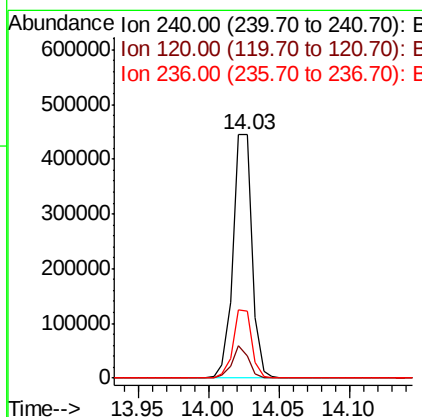
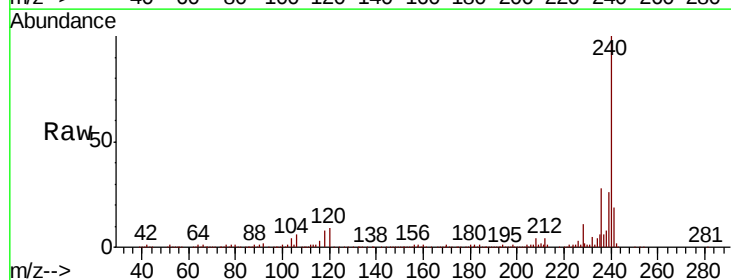
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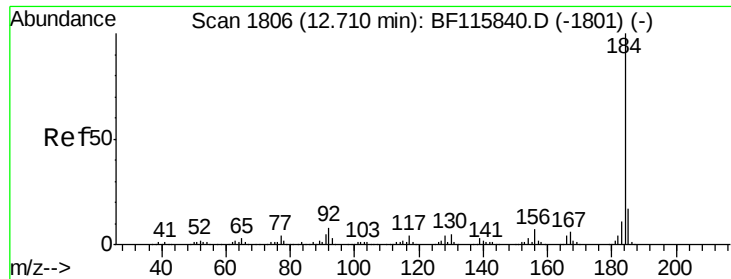
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.5	12.7
236	27.6	22.2	33.2





#77

Benzidine

Concen: 47.508 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

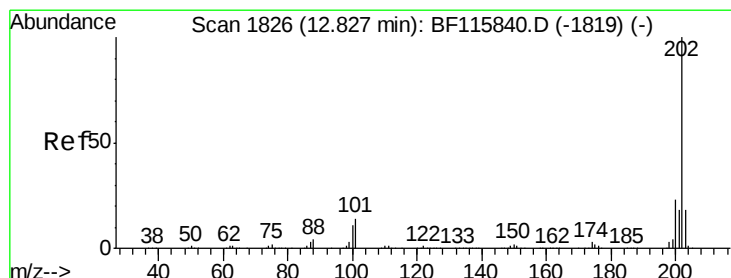
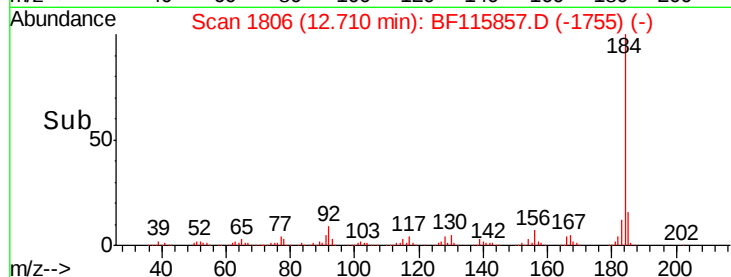
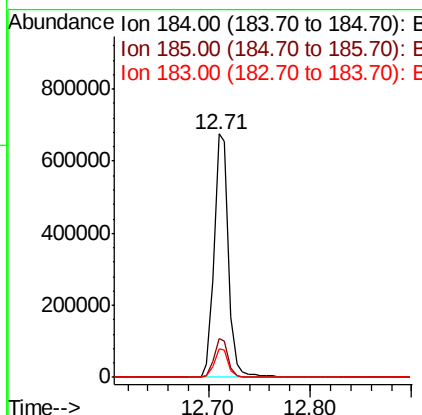
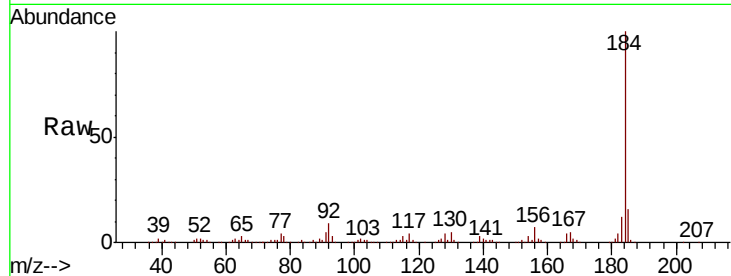
ClientSampleId :

PB121767BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.2
183	11.7	9.1	13.7

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#78

Pyrene

Concen: 39.089 ng

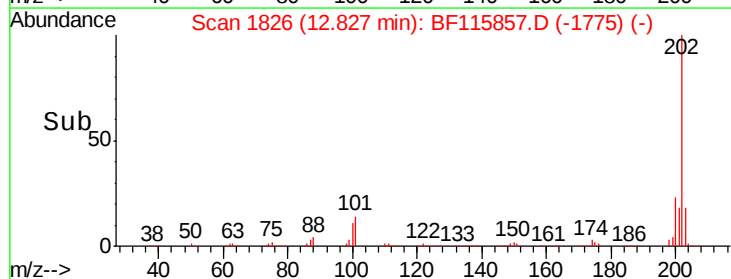
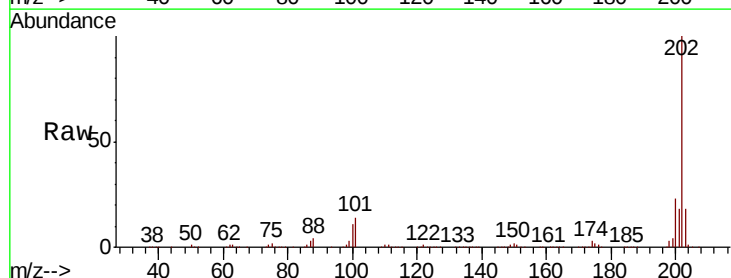
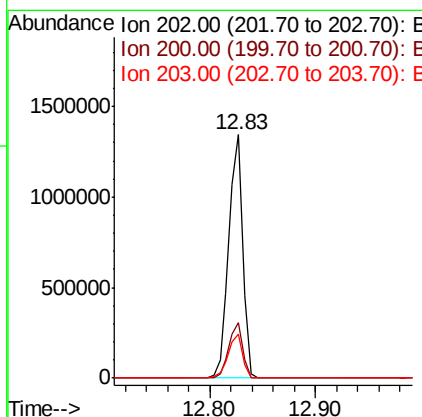
RT: 12.83 min Scan# 1826

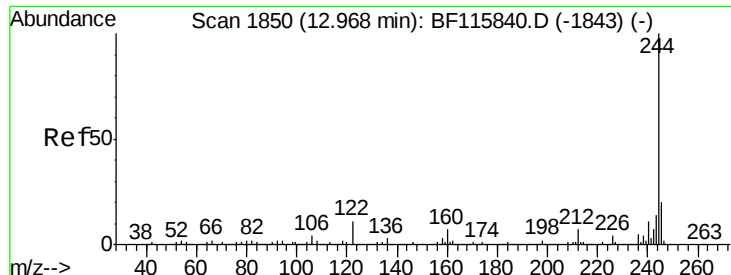
Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	17.9	14.3	21.5





#79

Terphenyl-d14

Concen: 74.249 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB121767BS

Tot Ion:244 Resp: 1476117

Ion Ratio Lower Upper

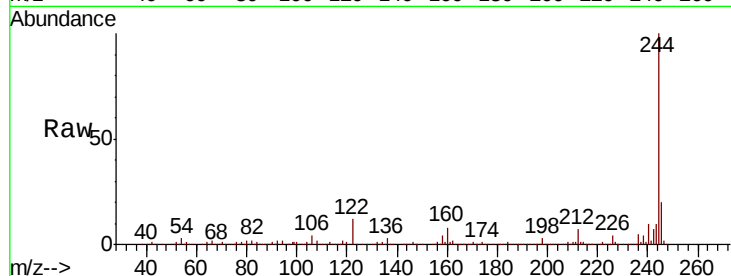
244 100

212 7.2 5.6 8.4

122 12.2 8.6 13.0

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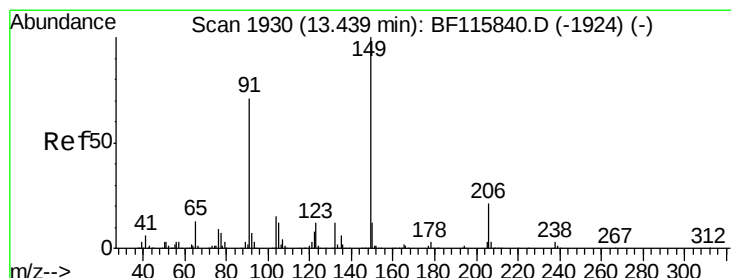
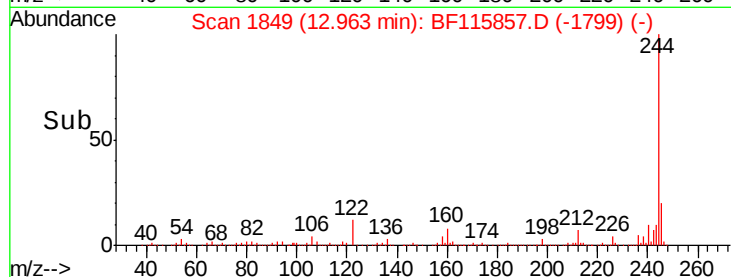
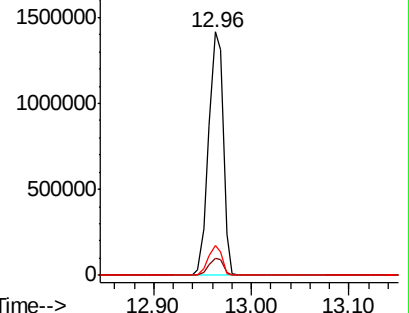
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.096 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

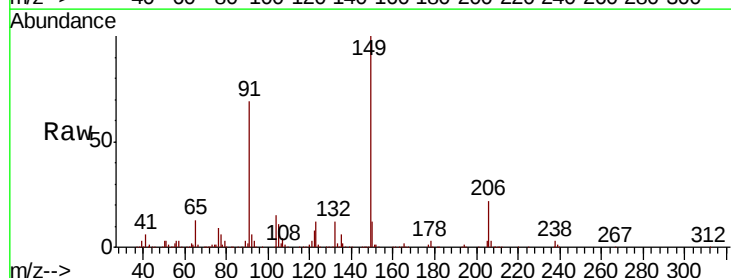
Tgt Ion:149 Resp: 522242

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.6

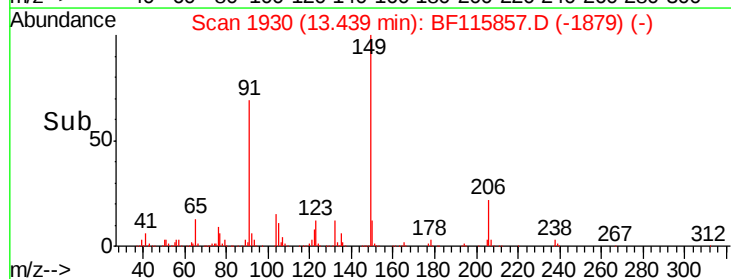
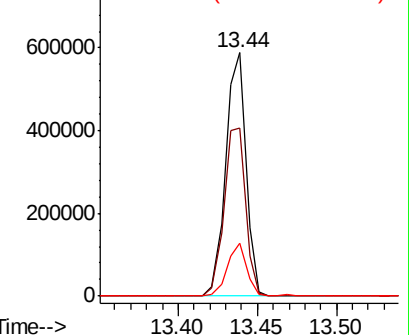
206 21.7 16.9 25.3

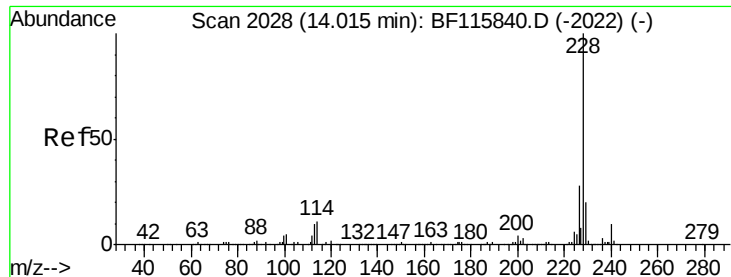


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.165 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

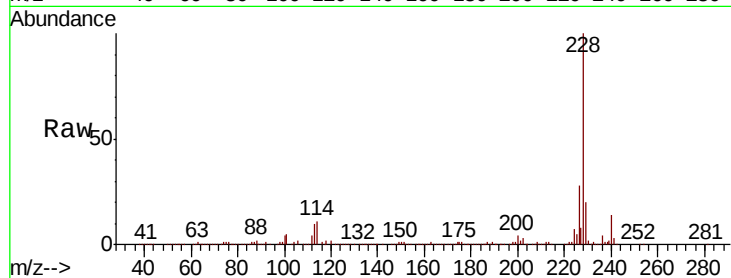
ClientSampleId :

PB121767BS

Tot Ion:	228	Resp:	1075431
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.1	16.1	24.1

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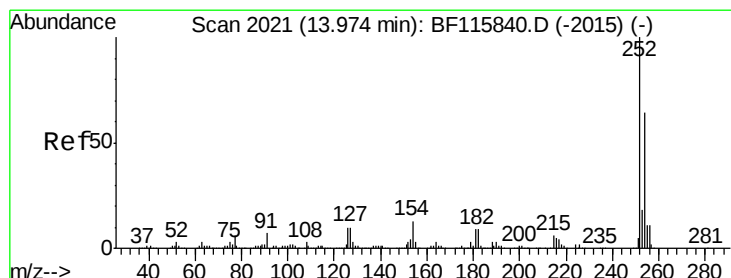
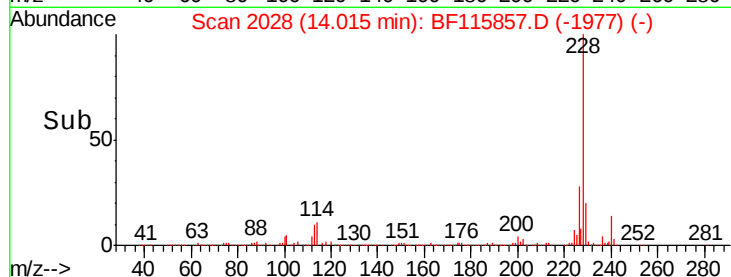
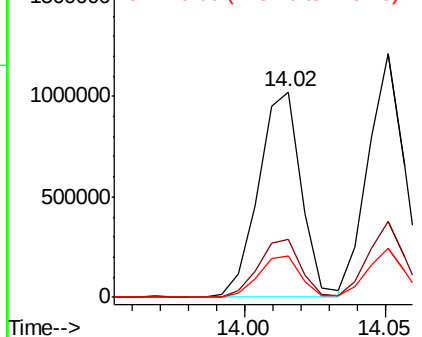


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.309 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

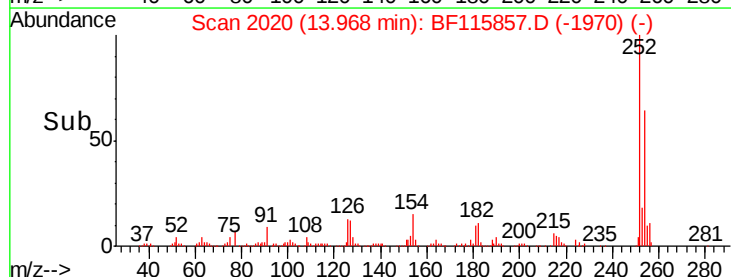
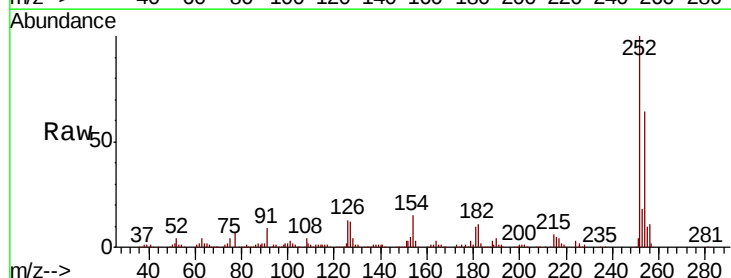
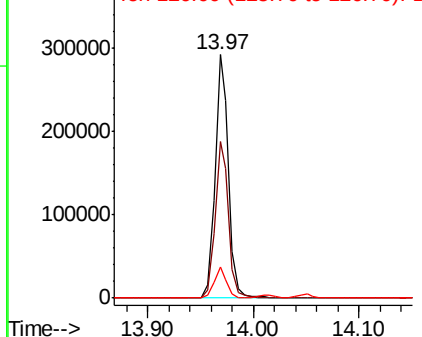
Tgt Ion:	252	Resp:	263335
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	12.8	8.1	12.1#

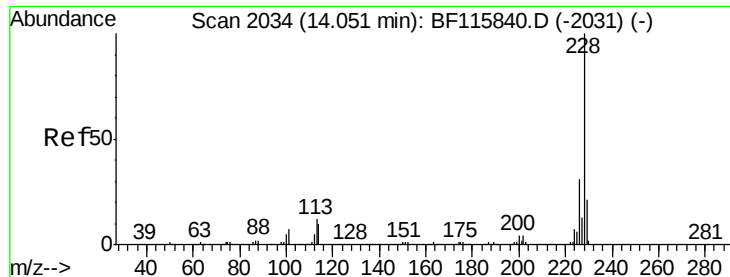
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





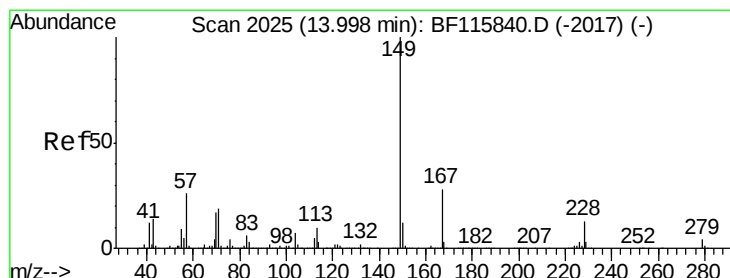
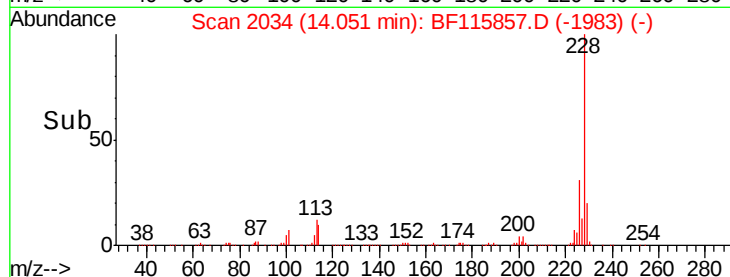
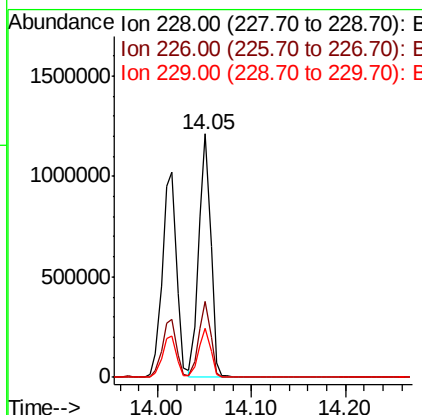
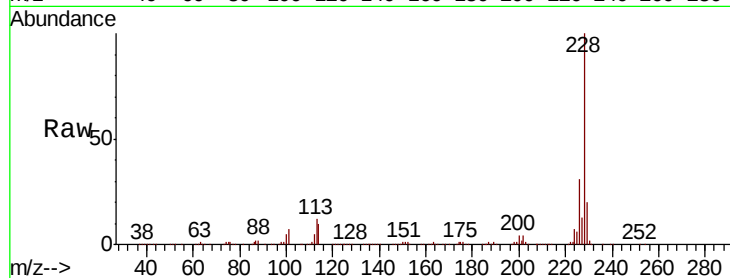
#83
 Chrysene
 Concen: 41.024 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.4	16.4	24.6

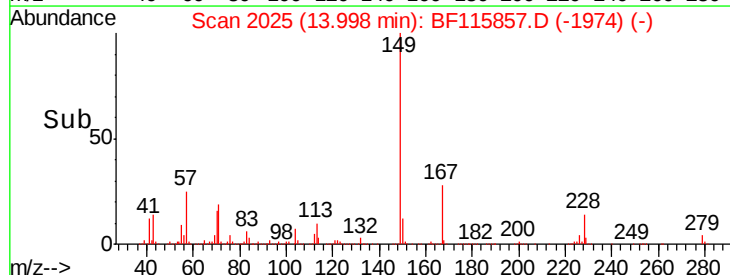
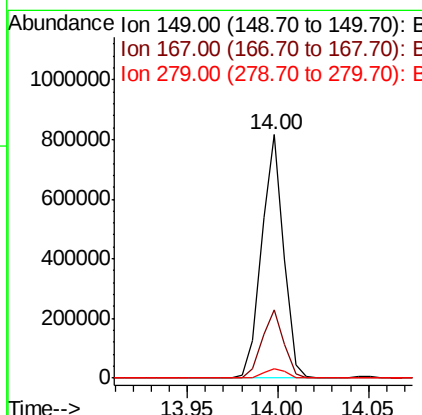
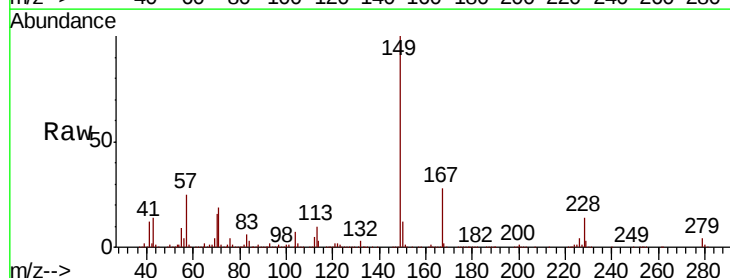
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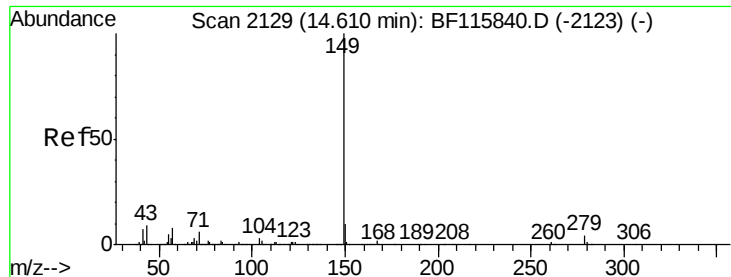
mohammad
 8/1/2019 5:06:17 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.632 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.1	3.3	4.9





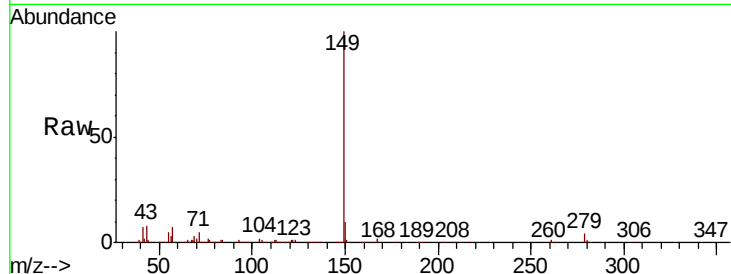
#85
Di-n-octyl phthalate
Concen: 42.304 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

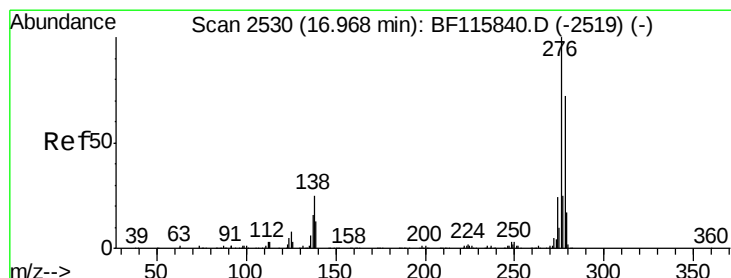
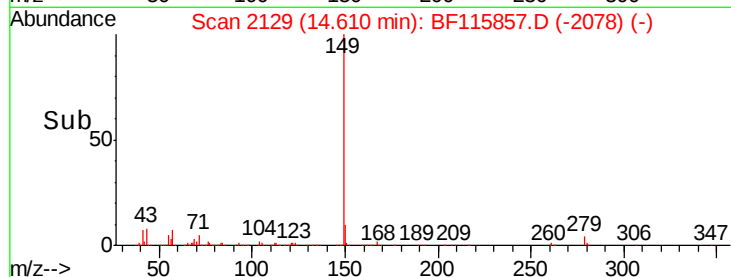
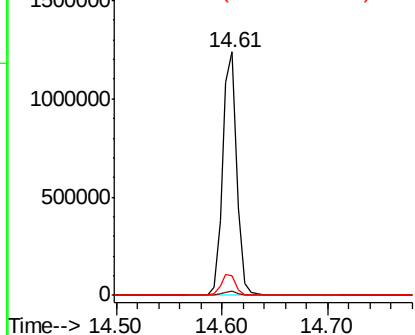
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.0

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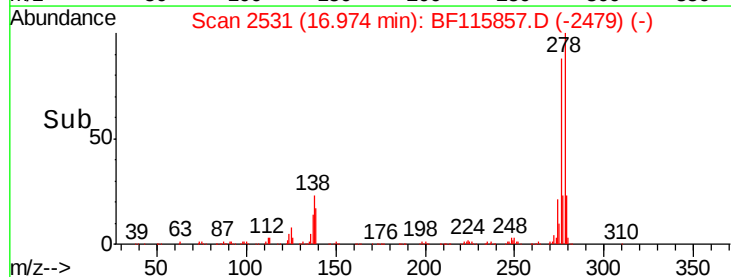
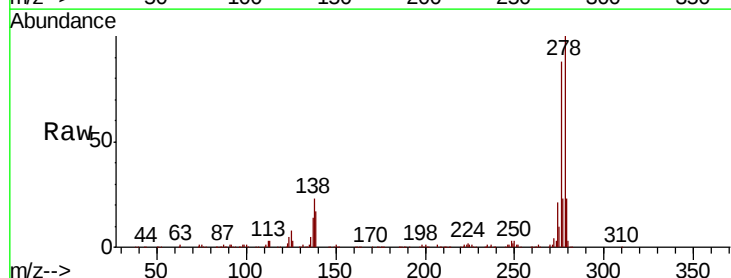
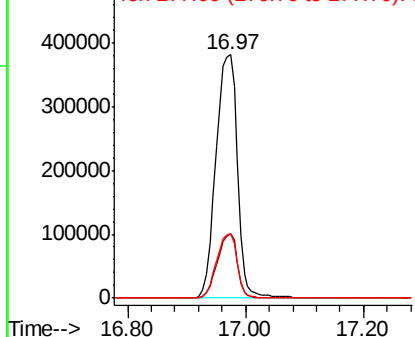
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

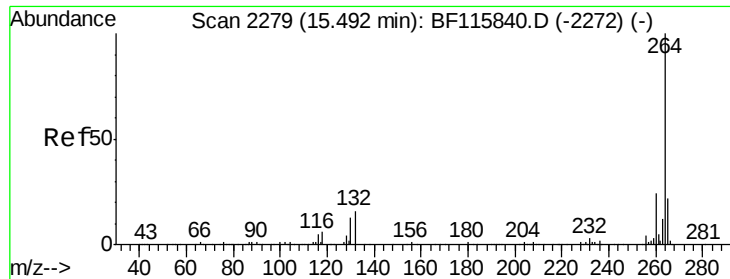


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.368 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.6	29.4
277	25.4	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

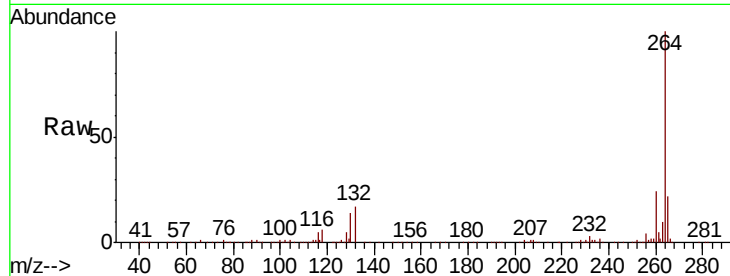
ClientSampleId :

PB121767BS

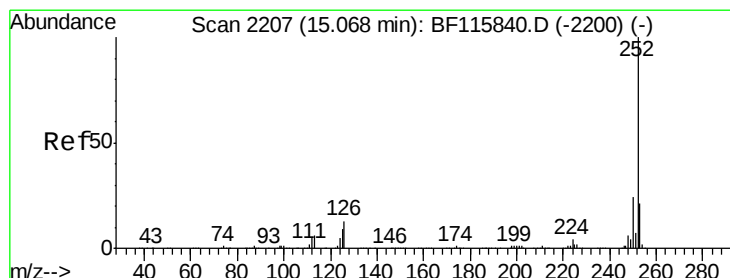
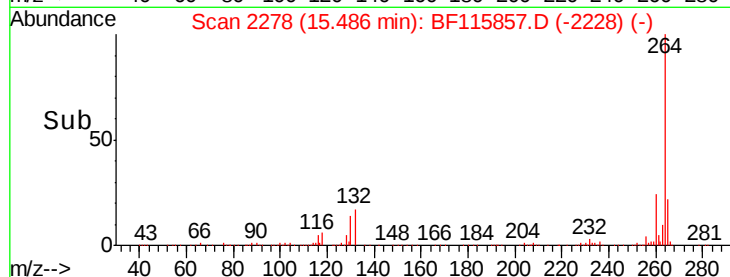
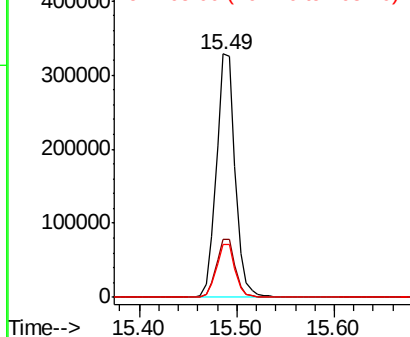
Tot Ion:	264	Resp:	437720
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	21.7	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.500 ng

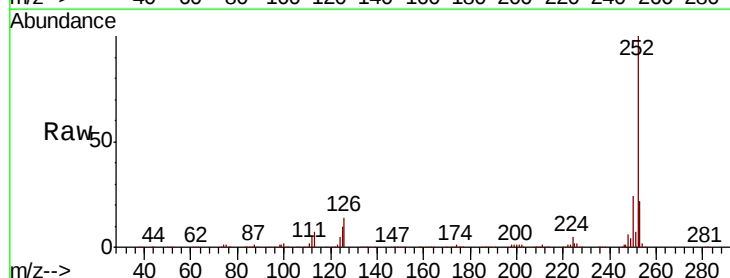
RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

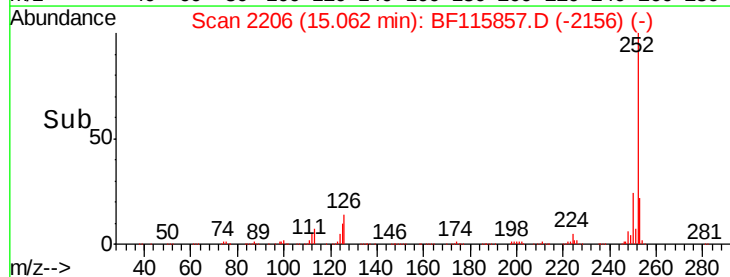
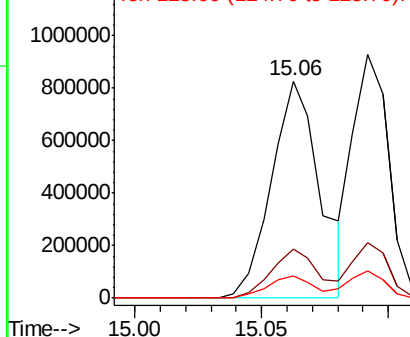
Lab File: BF115857.D

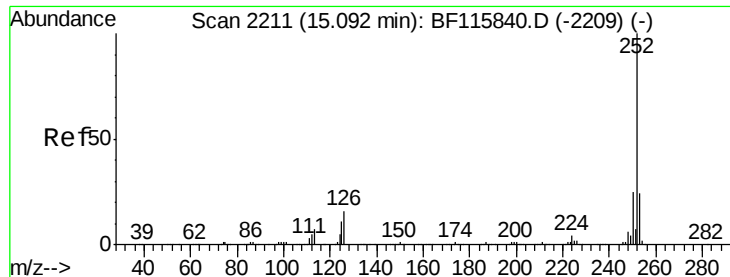
Acq: 31 Jul 2019 11:18

Tgt Ion:	252	Resp:	1100954
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	10.5	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





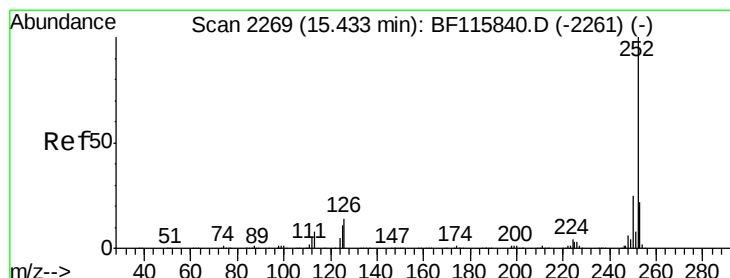
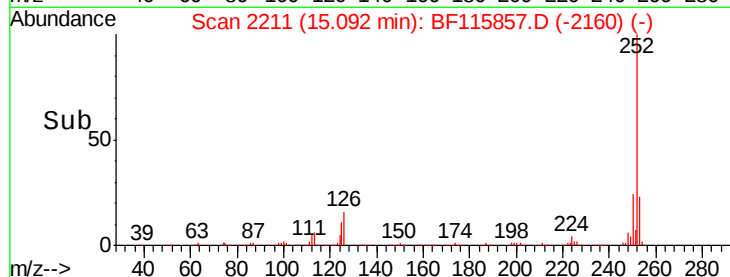
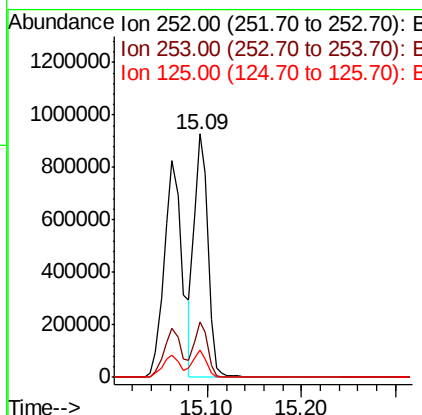
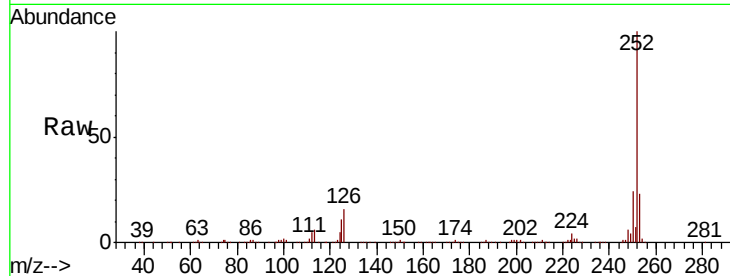
#89
Benzo(k)fluoranthene
Concen: 37.768 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.2	8.9	13.3

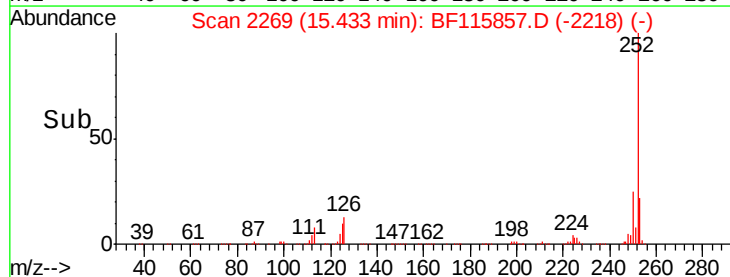
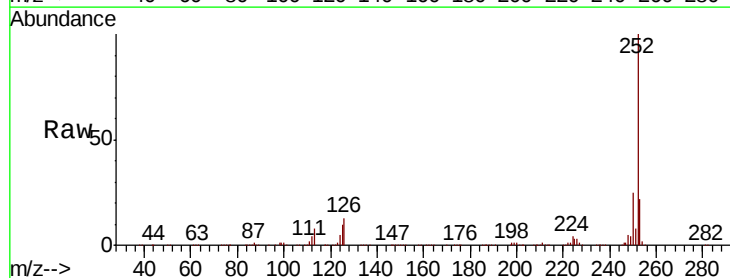
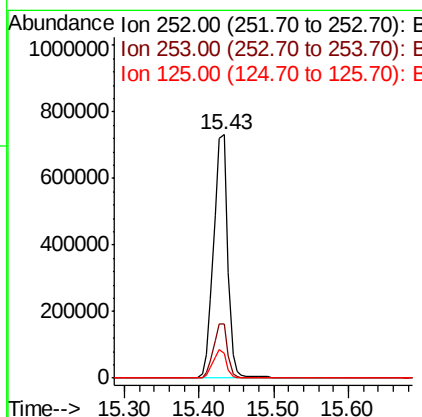
Manual Integrations
APPROVED

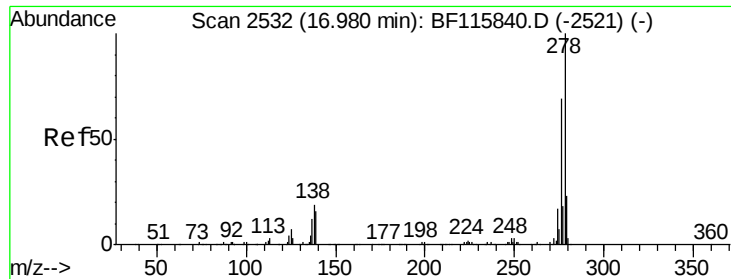
mohammad
8/1/2019 5:06:17 PM



#90
Benzo(a)pyrene
Concen: 42.594 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.3	8.8	13.2





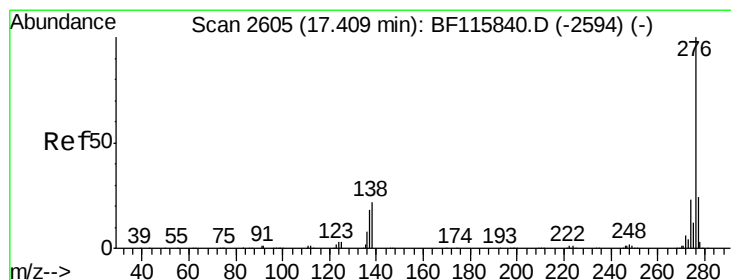
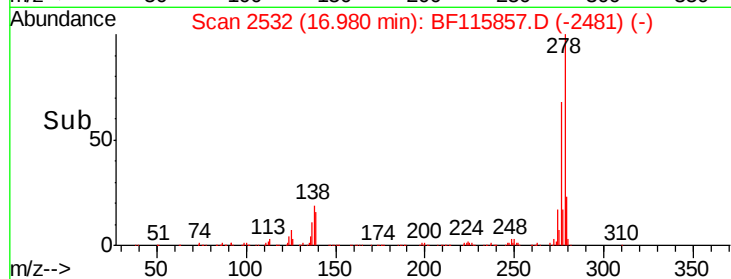
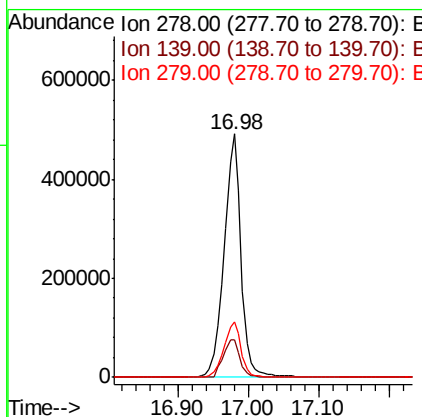
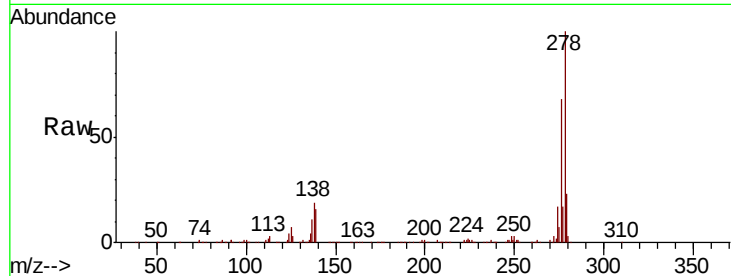
#91
Dibenzo(a,h)anthracene
Concen: 41.825 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	23.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:06:17 PM



#92
Benzo(g,h,i)perylene
Concen: 41.381 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	22.3	17.8	26.8

