

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115858.D
 Acq On : 31 Jul 2019 11:44
 Operator : HP/JU
 Sample : PB121767BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:06:20 PM

Quant Time: Jul 31 18:43:28 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	141026	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	563386	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	294522	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	506339	20.00	ng	0.00
76) Chrysene-d12	14.02	240	387667	20.00	ng	0.00
87) Perylene-d12	15.49	264	364128	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	933493	110.81	ng	0.01
7) Phenol-d6	6.49	99	1188151	111.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	773839	79.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	318479	111.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1311473	83.41	ng	0.00
79) Terphenyl-d14	12.96	244	1413158	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	175414	41.218	ng	99
3) Pyridine	3.46	79	446515	37.559	ng	98
4) n-Nitrosodimethylamine	3.41	42	198298	42.267	ng	99
6) Aniline	6.52	93	488821	32.114	ng	99
8) 2-Chlorophenol	6.64	128	405040	43.480	ng	99
9) Benzaldehyde	6.40	77	234576	31.987	ng	97
10) Phenol	6.50	94	526018	42.027	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	384734	41.810	ng	99
12) 1,3-Dichlorobenzene	6.79	146	439247	40.800	ng	98
13) 1,4-Dichlorobenzene	6.87	146	448021	41.563	ng	99
14) 1,2-Dichlorobenzene	7.02	146	412772	41.586	ng	98
15) Benzyl Alcohol	6.99	79	345497	42.834	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	507108	40.402	ng	99
17) 2-Methylphenol	7.10	107	337383	42.773	ng	100
18) Hexachloroethane	7.36	117	162772	41.013	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	275101	41.769	ng	98
20) 3+4-Methylphenols	7.26	107	405604	43.453	ng	91
22) Acetophenone	7.26	105	543980	44.026	ng	96
24) Nitrobenzene	7.43	77	446502	42.368	ng	95
25) Isophorone	7.67	82	790328	42.348	ng	99
26) 2-Nitrophenol	7.75	139	219345	44.154	ng	98
27) 2,4-Dimethylphenol	7.79	122	354575	47.442	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	477704	41.297	ng	99
29) 2,4-Dichlorophenol	7.99	162	341307	43.250	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	373949	41.571	ng	98
31) Naphthalene	8.16	128	1169305	44.105	ng	99
32) Benzoic acid	7.93	122	231486	43.931	ng	99
33) 4-Chloroaniline	8.20	127	267040	22.543	ng	98
34) Hexachlorobutadiene	8.27	225	209348	40.404	ng	99
35) Caprolactam	8.57	113	105095m	41.177	ng	
36) 4-Chloro-3-methylphenol	8.69	107	354450	43.175	ng	98
37) 2-Methylnaphthalene	8.85	142	769433	44.068	ng	100
38) 1-Methylnaphthalene	8.95	142	724057	43.834	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	343951	43.683	ng	99

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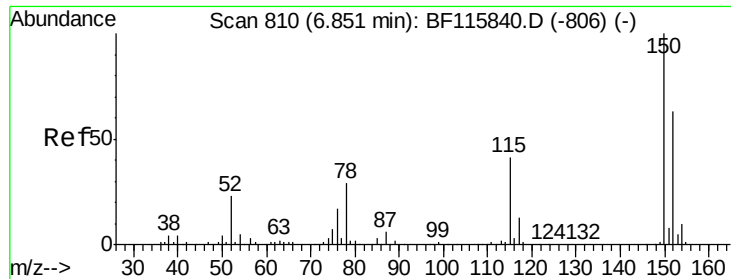
Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:06:20 PM

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 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)
41) Hexachlorocyclopentadiene	9.01	237	299398	84.353	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	221195	40.814	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	237378	42.372	ng	100
46) 1,1'-Biphenyl	9.32	154	917543	44.127	ng	99
47) 2-Chloronaphthalene	9.34	162	731133	42.247	ng	98
48) 2-Nitroaniline	9.43	65	224453	39.238	ng	93
49) Acenaphthylene	9.76	152	1106190	43.813	ng	100
50) Dimethylphthalate	9.62	163	800942	39.940	ng	99
51) 2,6-Dinitrotoluene	9.67	165	184249	42.278	ng	87
52) Acenaphthene	9.93	154	668991	43.191	ng	99
53) 3-Nitroaniline	9.85	138	138296	25.682	ng	95
54) 2,4-Dinitrophenol	9.96	184	169606	76.858	ng	100
55) Dibenzofuran	10.10	168	993599	44.110	ng	97
56) 4-Nitrophenol	10.02	139	314092	91.053	ng	99
57) 2,4-Dinitrotoluene	10.09	165	244651	42.164	ng	98
58) Fluorene	10.45	166	743158	42.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	206624	43.839	ng	98
60) Diethylphthalate	10.32	149	754539	40.301	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	369112	42.054	ng	98
62) 4-Nitroaniline	10.46	138	206078	37.031	ng	97
63) Azobenzene	10.59	77	810344	42.080	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	121135	45.145	ng	96
66) n-Nitrosodiphenylamine	10.55	169	665137	43.643	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	222904	41.124	ng	97
68) Hexachlorobenzene	11.00	284	255223	40.720	ng	96
69) Atrazine	11.08	200	200927	40.075	ng	98
70) Pentachlorophenol	11.19	266	263209	86.497	ng	98
71) Phenanthrene	11.40	178	1108461	42.822	ng	99
72) Anthracene	11.46	178	1160152	44.286	ng	99
73) Carbazole	11.61	167	1034967	43.546	ng	99
74) Di-n-butylphthalate	11.94	149	1125903	40.609	ng	100
75) Fluoranthene	12.59	202	1181879	43.613	ng	98
77) Benzidine	12.71	184	622038	47.495	ng	98
78) Pyrene	12.82	202	1202525	41.150	ng	99
80) Butylbenzylphthalate	13.43	149	489342	39.586	ng	95
81) Benzo(a)anthracene	14.01	228	1030318	41.581	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	248479	28.865	ng	99
83) Chrysene	14.05	228	1009150	41.950	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	634353	39.490	ng	99
85) Di-n-octyl phthalate	14.60	149	1056615	41.412	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	846742	41.909	ng	100
88) Benzo(b)fluoranthene	15.06	252	900452	42.768	ng	98
89) Benzo(k)fluoranthene	15.09	252	876455	42.739	ng	98
90) Benzo(a)pyrene	15.43	252	841217	44.696	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	709437	43.546	ng	99
92) Benzo(g,h,i)perylene	17.40	276	700266	43.767	ng	98

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



#1

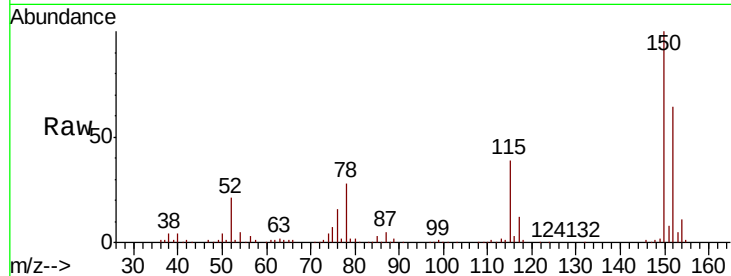
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	60.4	51.8	77.8

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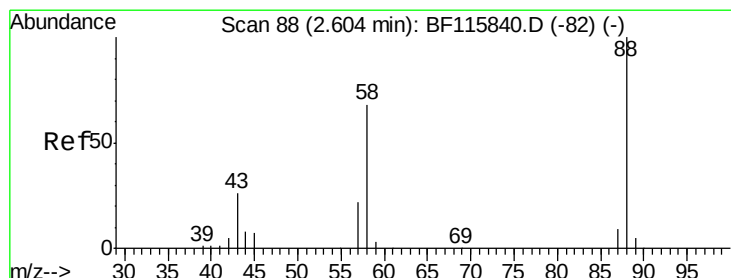
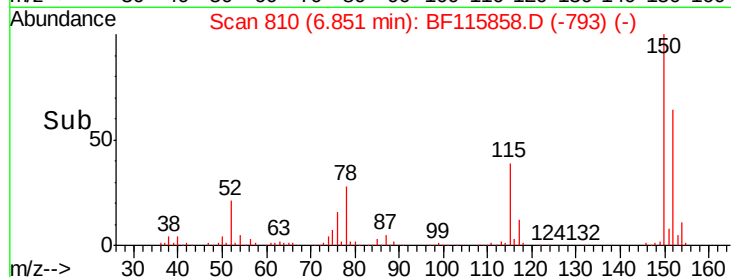
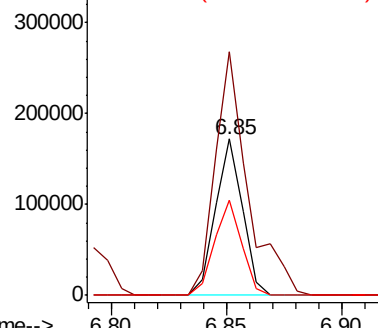


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

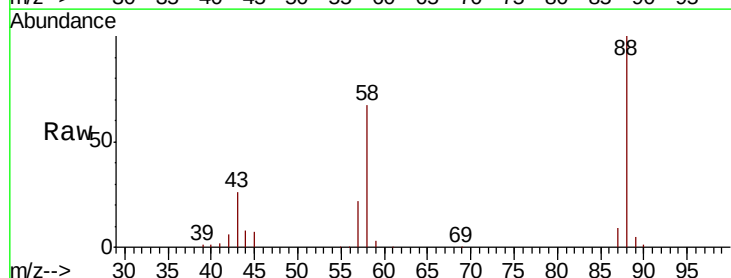
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.218 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	54.1	81.1
43	26.2	20.7	31.1

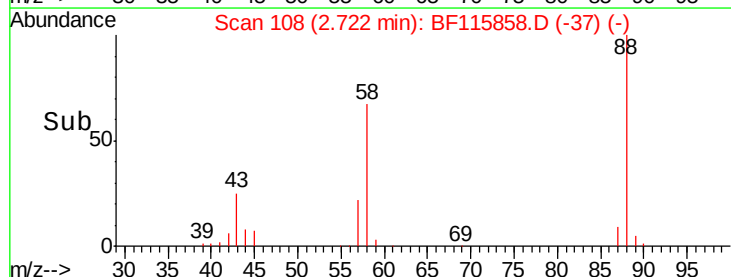
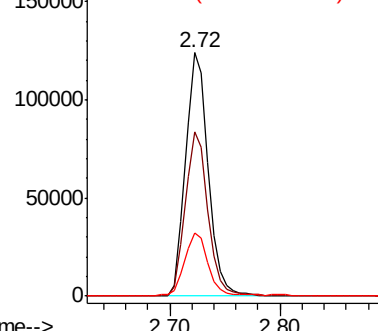


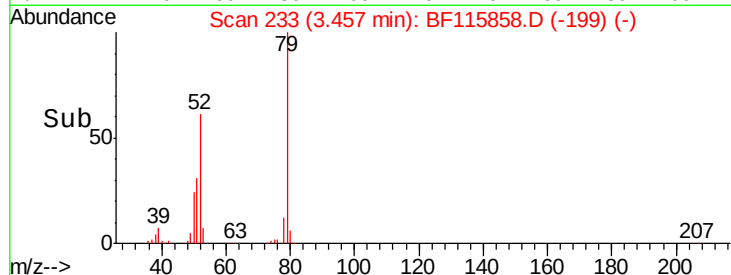
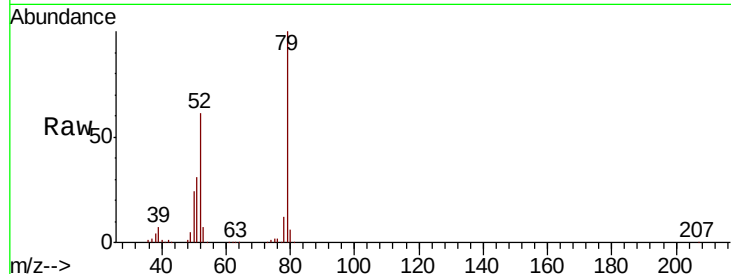
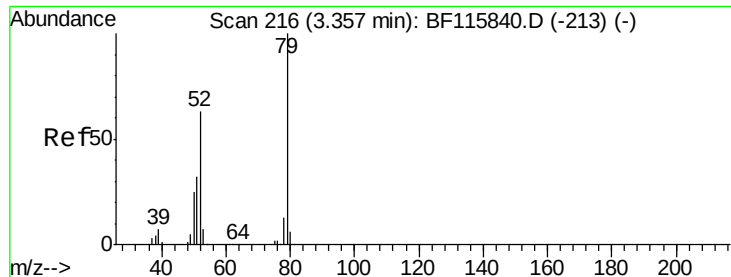
Abundance

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





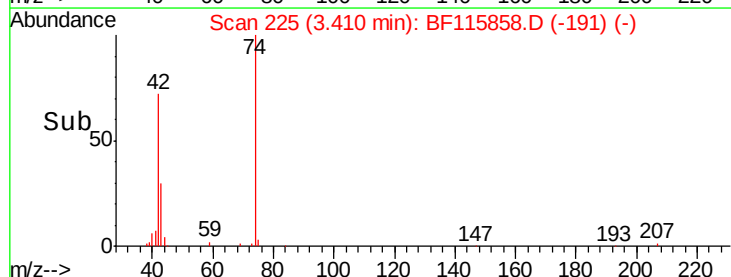
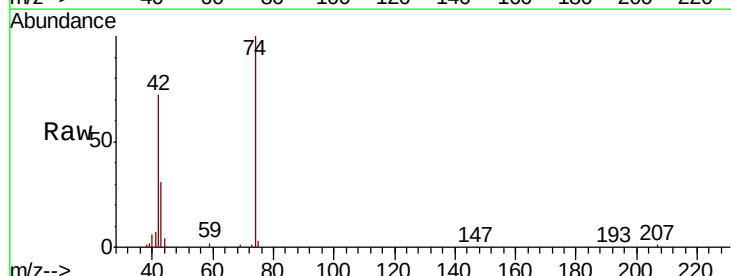
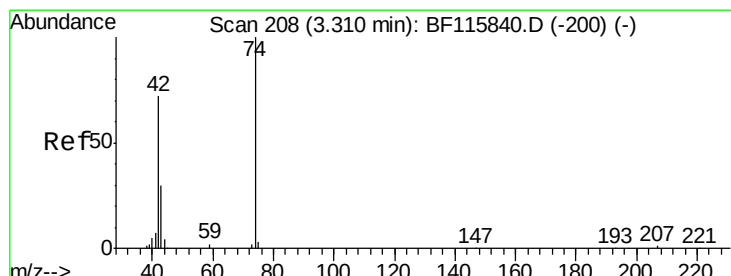
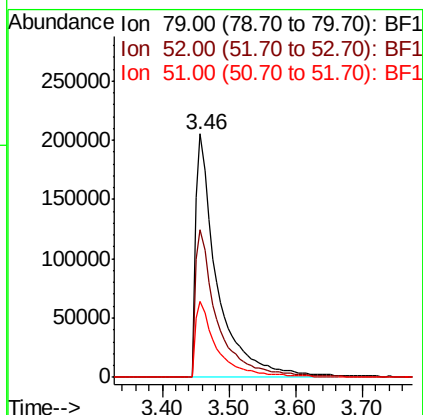
#3
 Pvridine
 Concen: 37.559 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.10 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tot Ion	Ratio	Resp	Lower	Upper
79	100	446515		
52	60.8		50.2	75.4
51	31.0		25.8	38.6

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

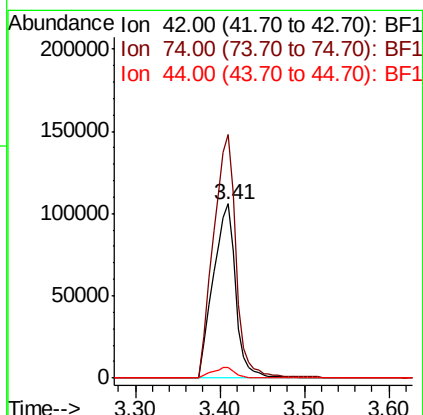
Manual Integrations
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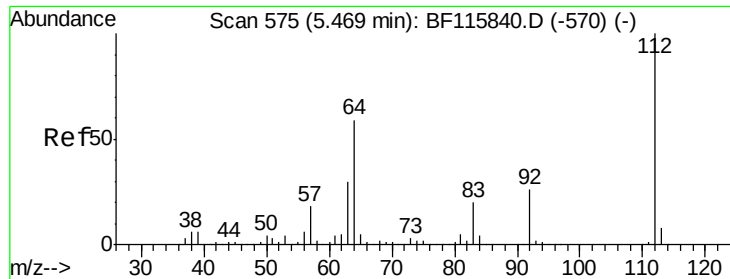
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#4
 n-Nitrosodimethylamine
 Concen: 42.267 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.10 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	198298		
74	139.7		111.0	166.4
44	6.1		4.7	7.1





#5

2-Fluorophenol

Concen: 110.811 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

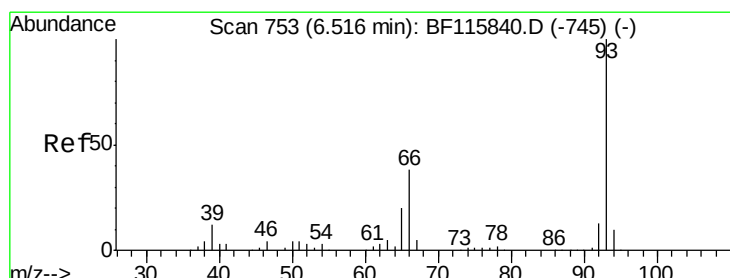
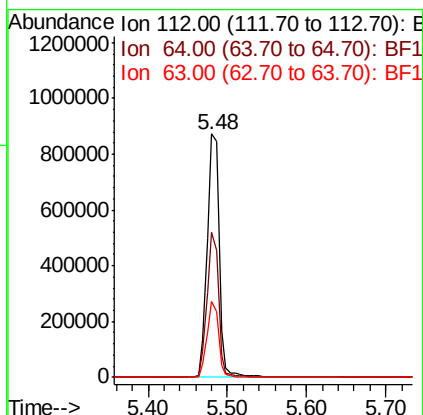
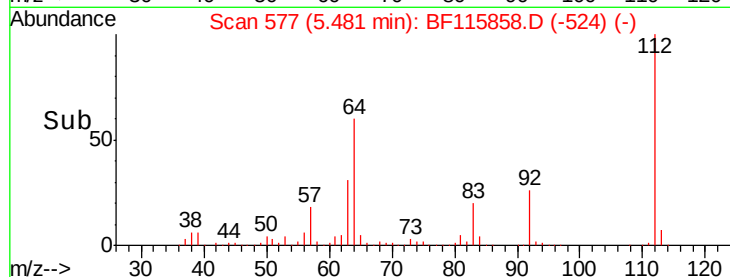
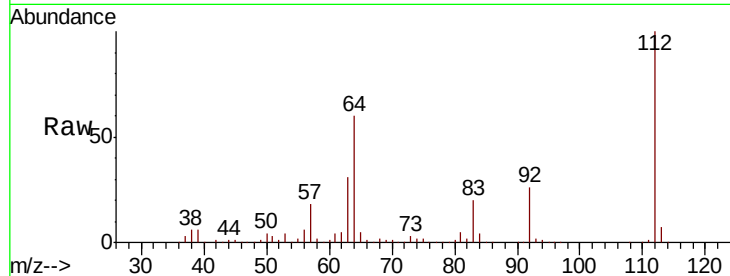
ClientSampleId :

PB121767BSD

Tot Ion:	112	Resp:	933493
Ion Ratio	Lower	Upper	
112	100		
64	59.6	46.8	70.2
63	31.0	24.2	36.2

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#6

Aniline

Concen: 32.114 ng

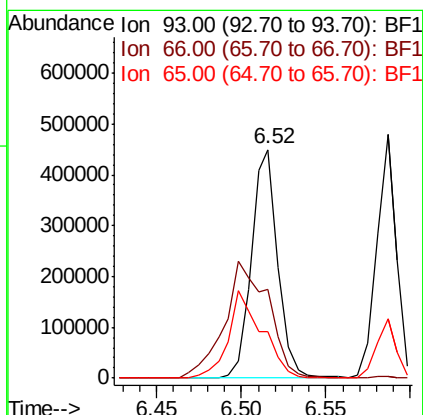
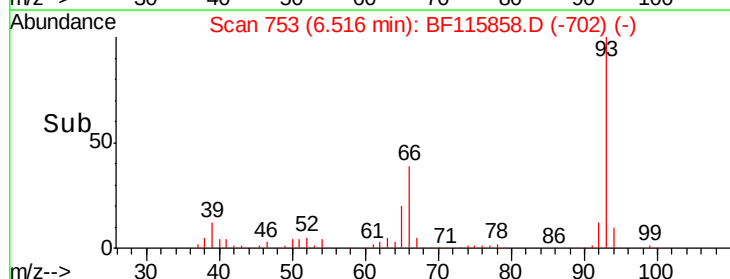
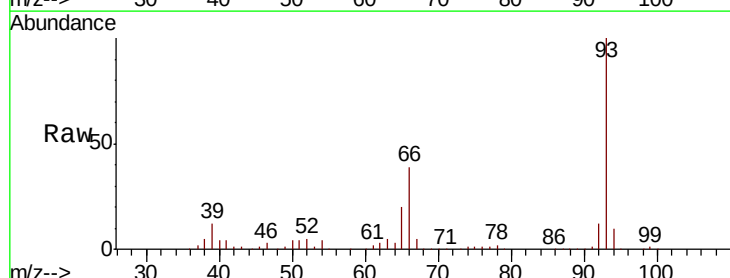
RT: 6.52 min Scan# 753

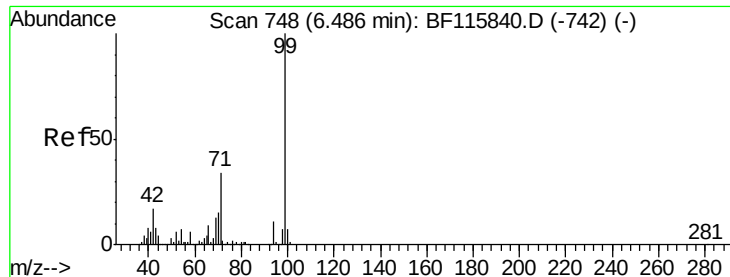
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:	93	Resp:	488821
Ion Ratio	Lower	Upper	
93	100		
66	38.7	31.4	47.0
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 111.788 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion: 99 Resp: 1188151

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

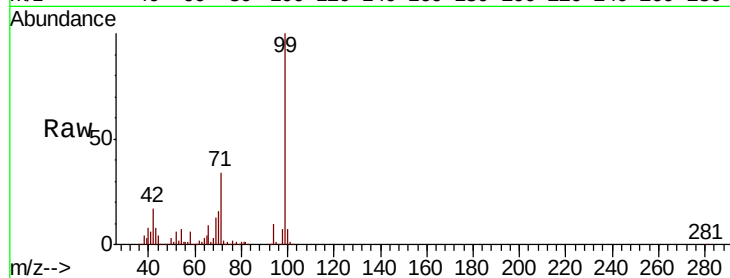
71 34.4 27.1 40.7

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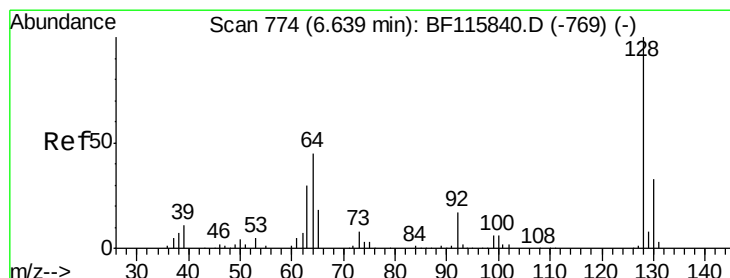
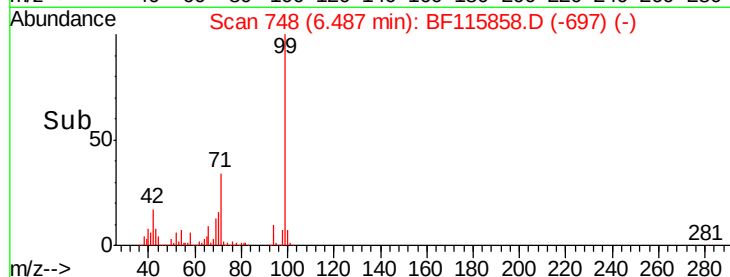
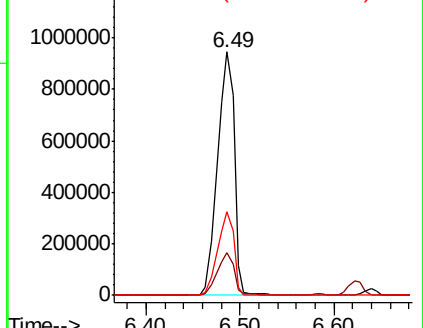
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.480 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

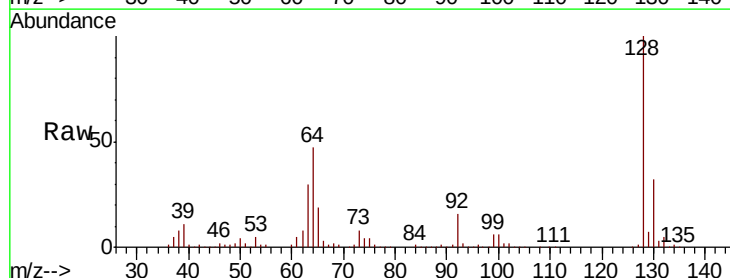
Tgt Ion: 128 Resp: 405040

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

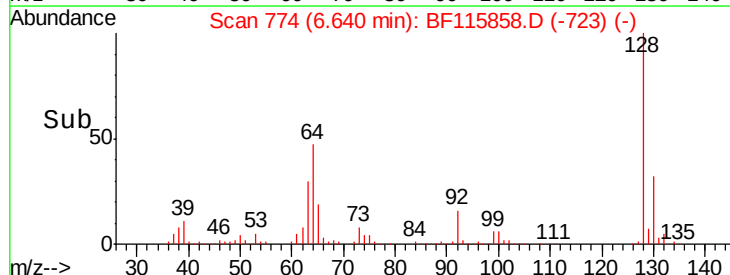
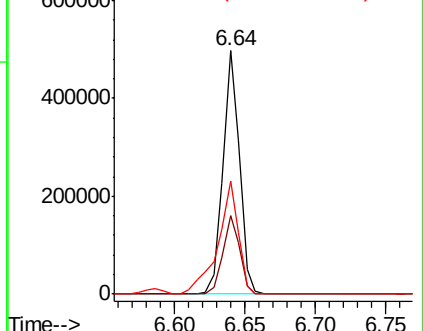
64 46.6 26.1 66.1

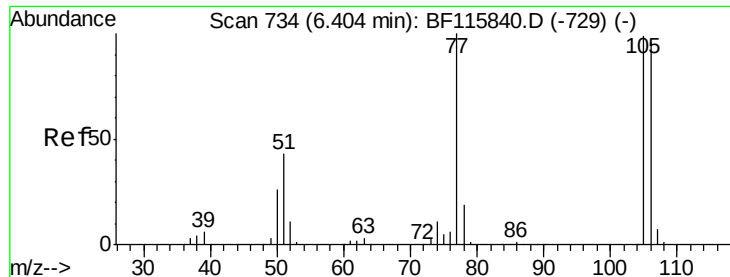


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





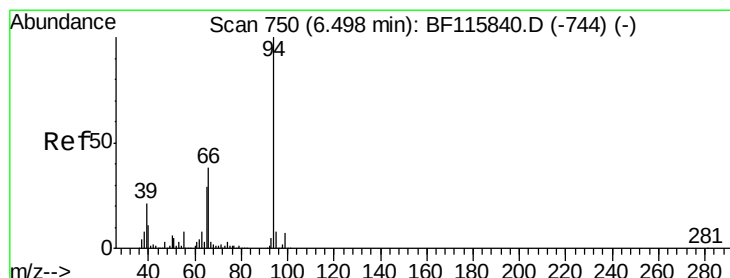
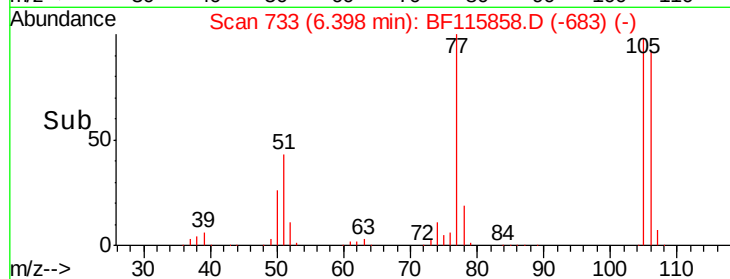
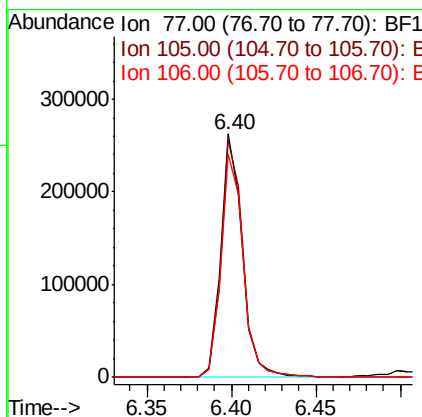
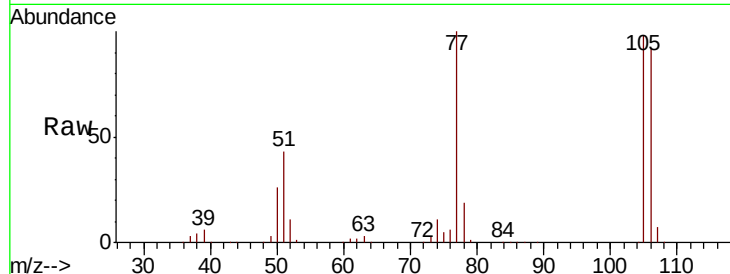
#9
Benzaldehyde
Concen: 31.987 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.7	79.0	119.0
106	91.9	76.2	116.2

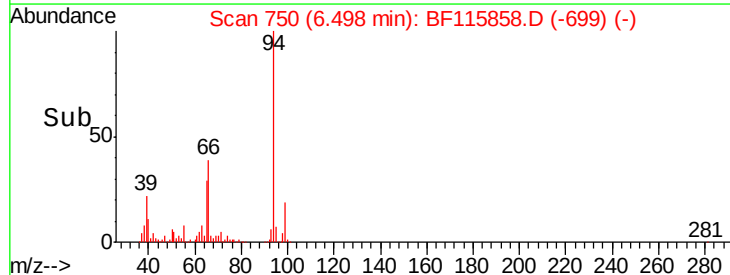
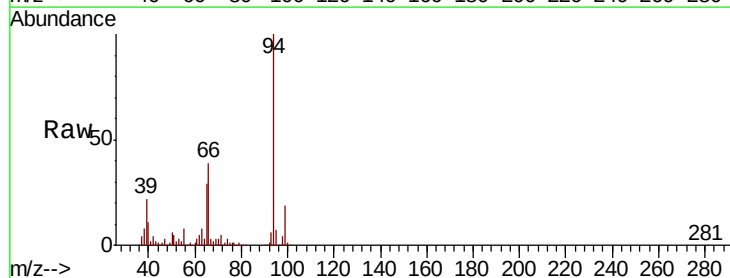
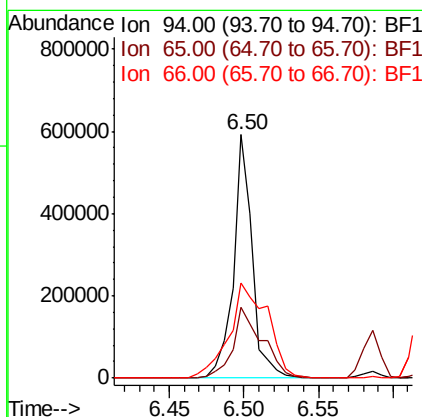
Manual Integrations
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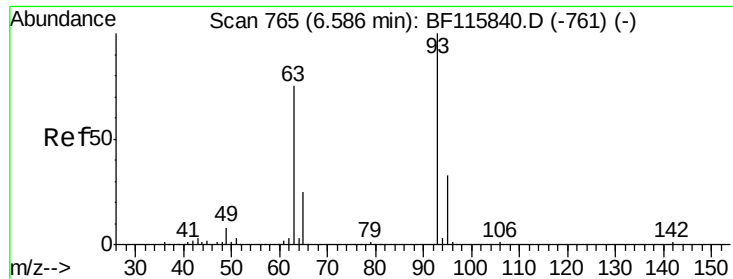
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#10
Phenol
Concen: 42.027 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.9	48.9
66	39.0	18.0	58.0





#11

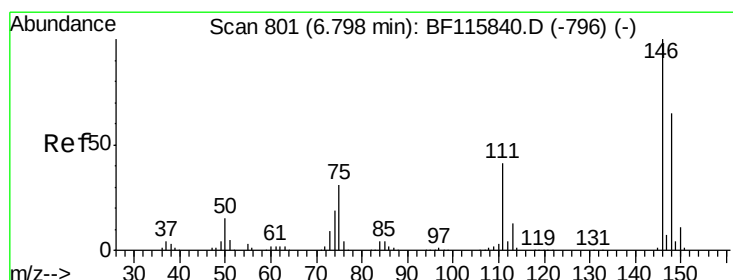
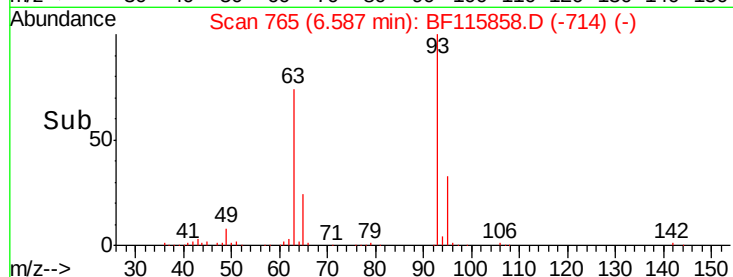
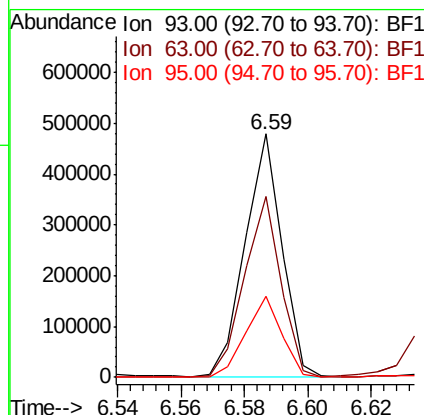
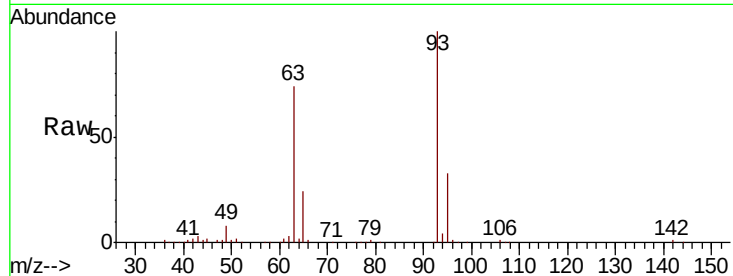
bis(2-Chloroethyl)ether
Concen: 41.810 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion:	93	Resp:	384734
Ion Ratio	Lower	Upper	
93	100		
63	74.2	54.9	94.9
95	33.2	13.3	53.3

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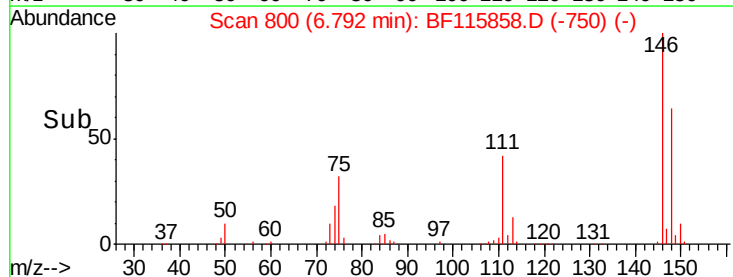
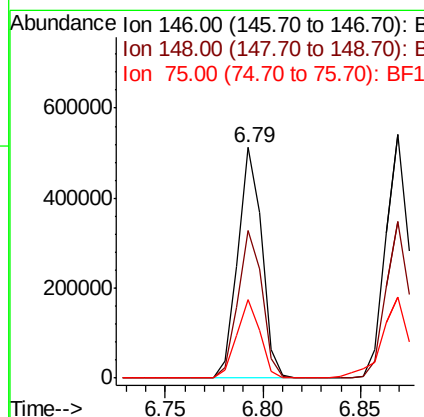
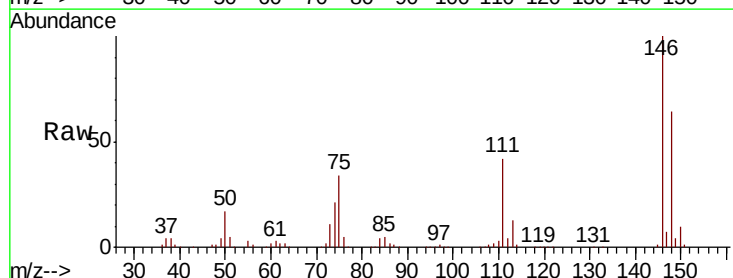
mohammad
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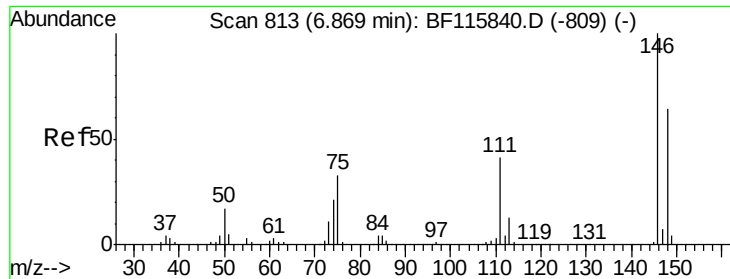


#12

1,3-Dichlorobenzene
Concen: 40.800 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:	146	Resp:	439247
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.1	78.1
75	33.9	25.0	37.6





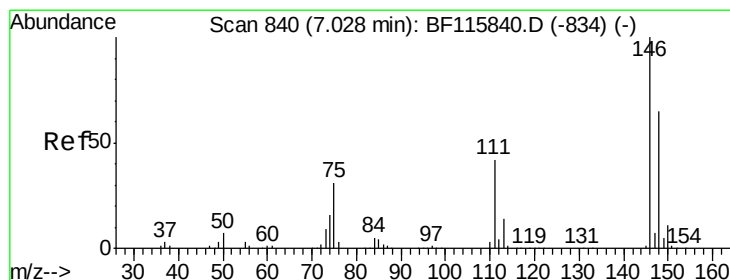
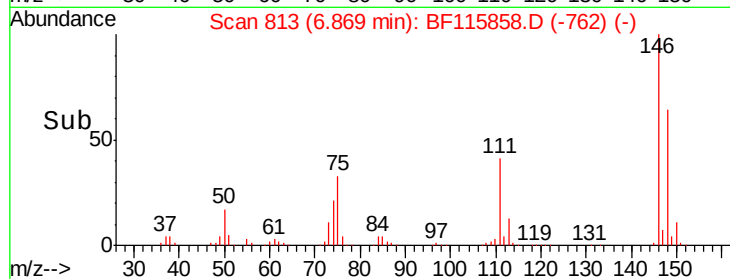
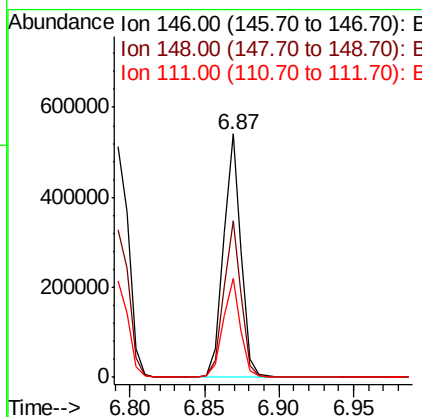
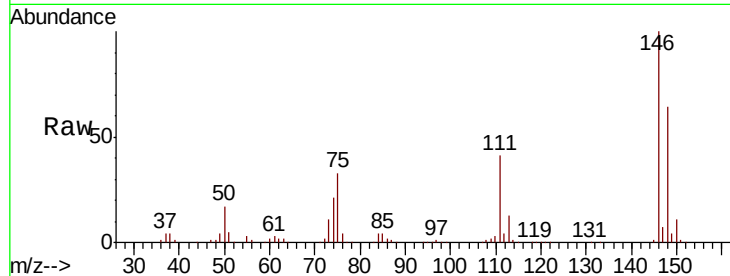
#13
1,4-Dichlorobenzene
Concen: 41.563 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	40.5	33.2	49.8

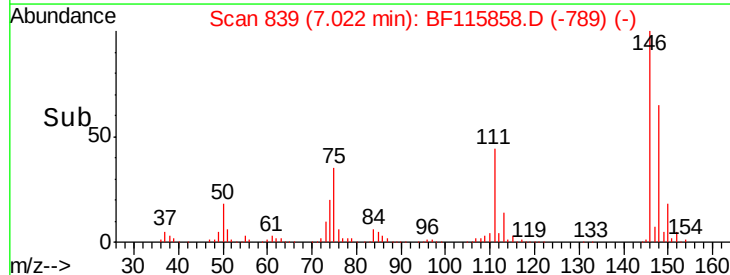
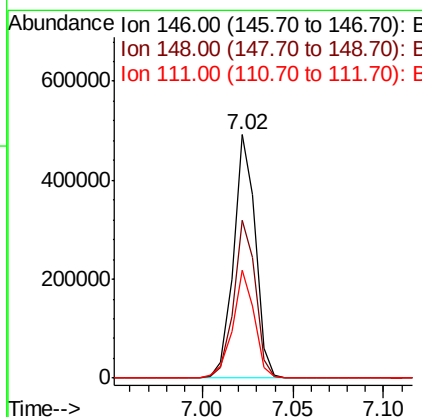
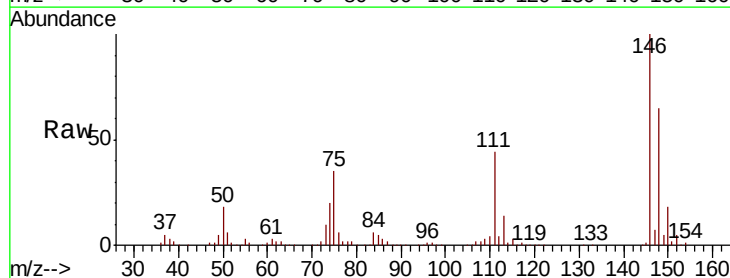
Manual Integrations
APPROVED

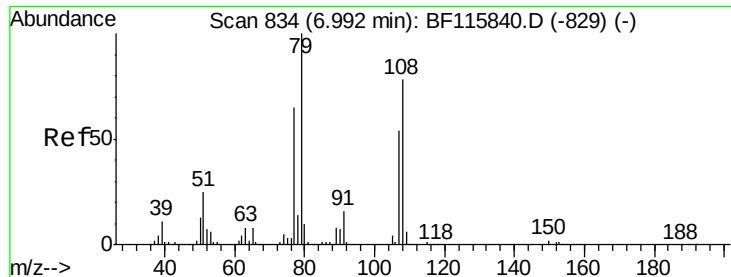
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.586 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	44.3	33.6	50.4





#15

Benzyl Alcohol

Concen: 42.834 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

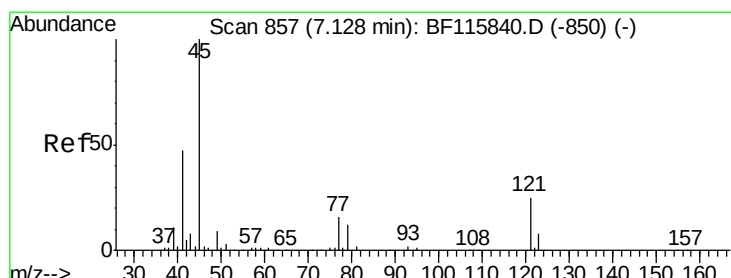
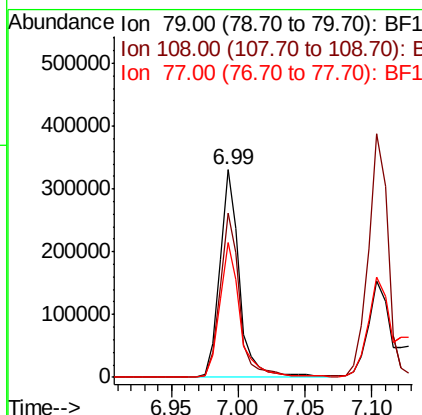
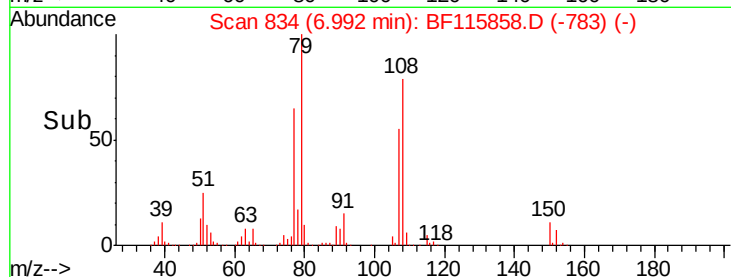
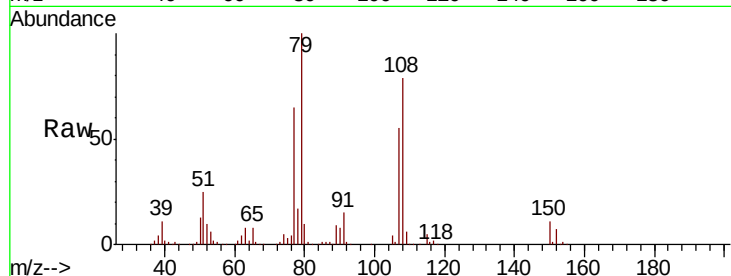
ClientSampleID :

PB121767BSD

Tot Ion:	79	Resp:	345497
Ion Ratio	Lower	Upper	
79	100		
108	78.9	62.8	94.2
77	65.1	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.402 ng

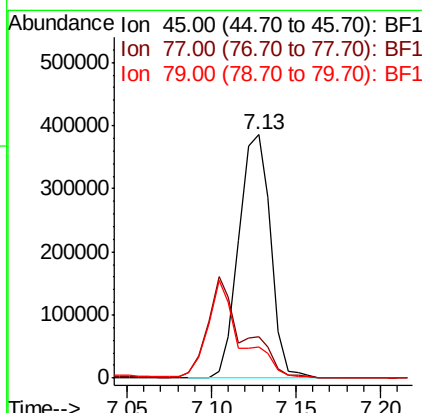
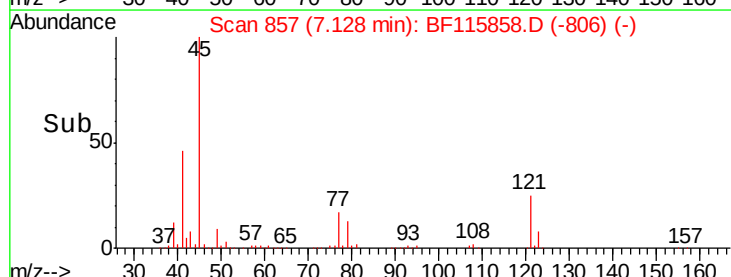
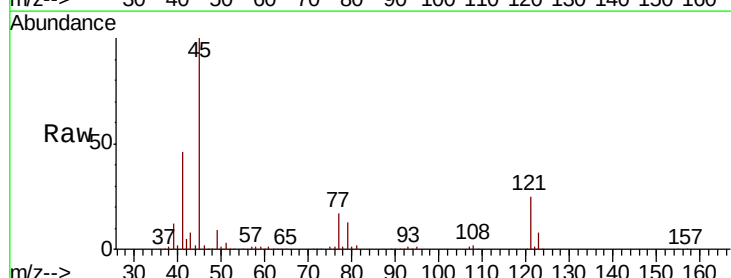
RT: 7.13 min Scan# 857

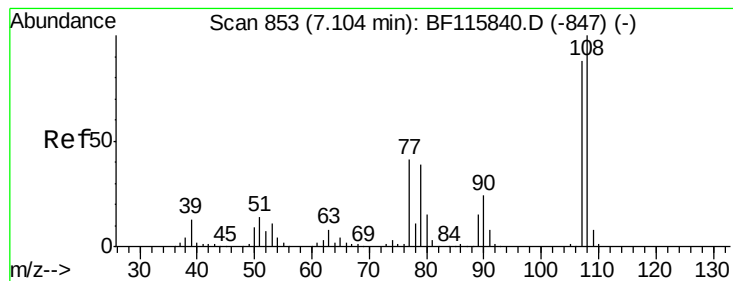
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:	45	Resp:	507108
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	36.3
79	12.9	0.0	32.5





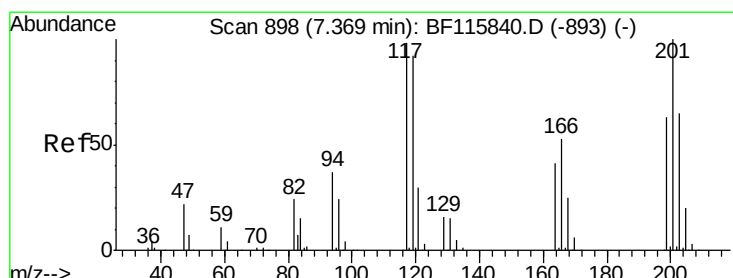
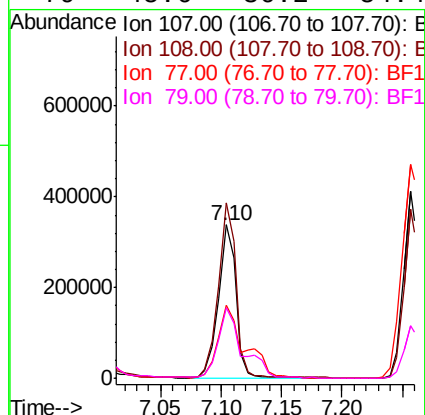
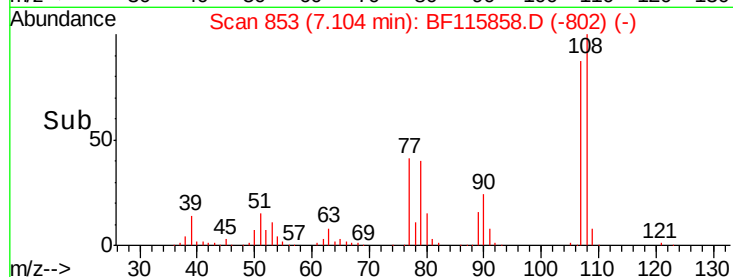
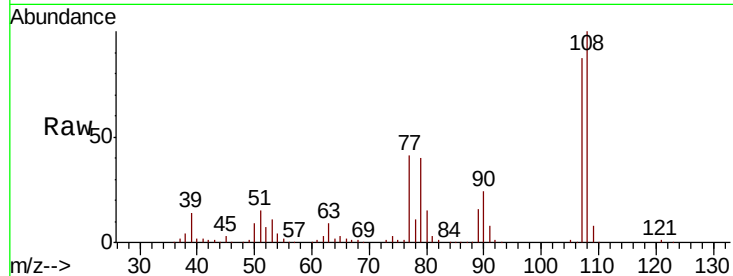
#17
2-Methylphenol
Concen: 42.773 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	107	Resp	337383
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.4	137.0
77	47.3	37.6	56.4
79	45.6	36.2	54.4

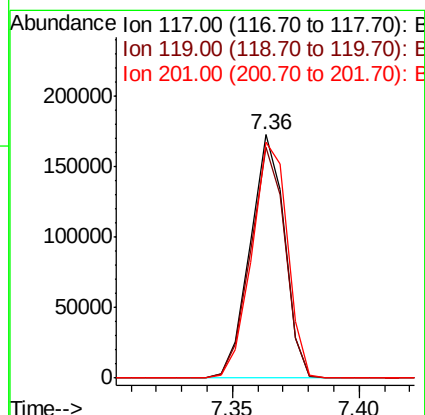
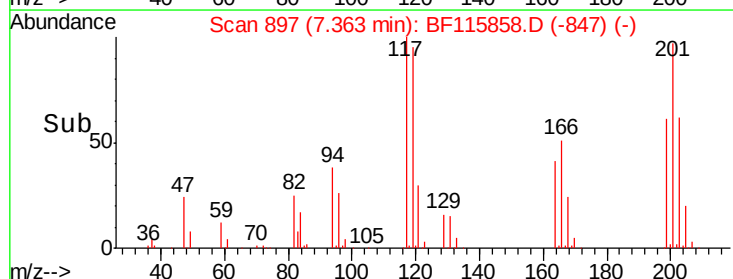
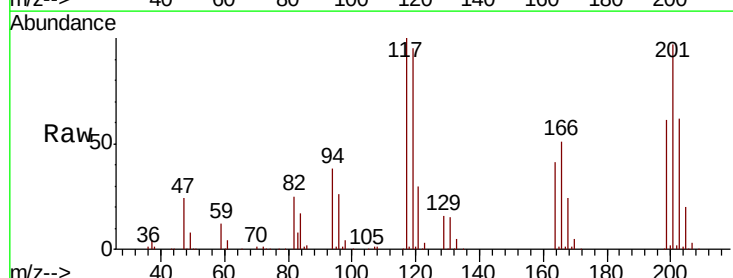
Manual Integrations
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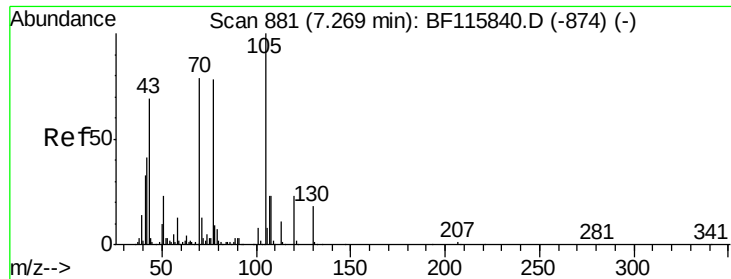
mohammad
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#18
Hexachloroethane
Concen: 41.013 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	117	Resp	162772
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.8	113.6
201	96.7	82.0	123.0





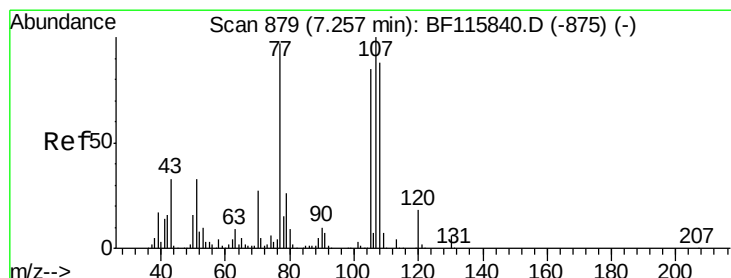
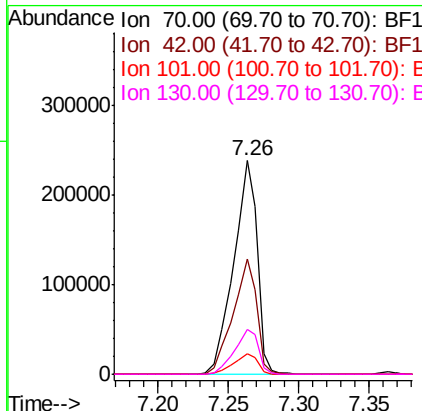
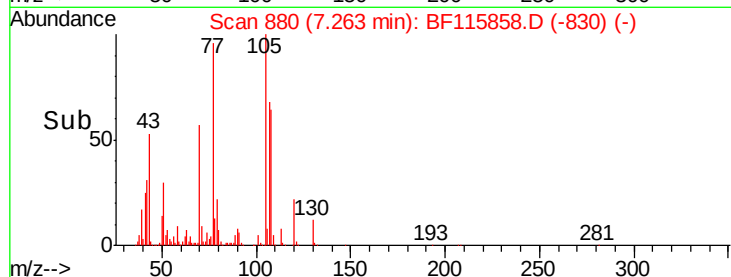
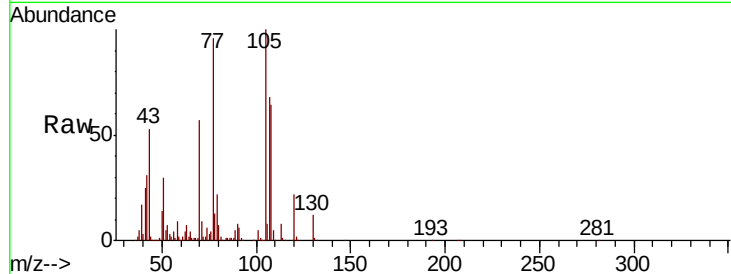
#19
n-Nitroso-di-n-propylamine
Concen: 41.769 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	41.8	62.8	
101	9.4	7.7	11.5	
130	20.7	17.8	26.6	

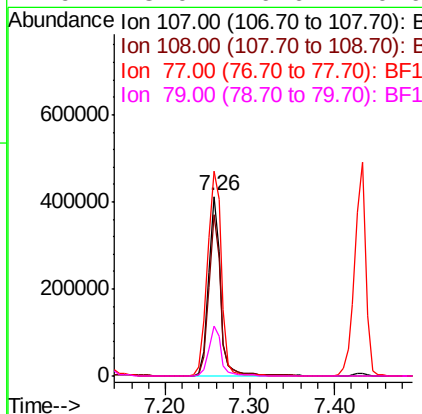
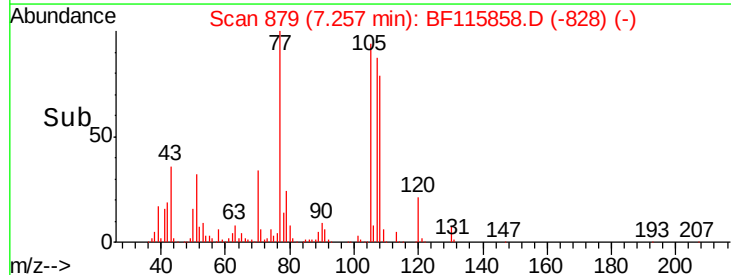
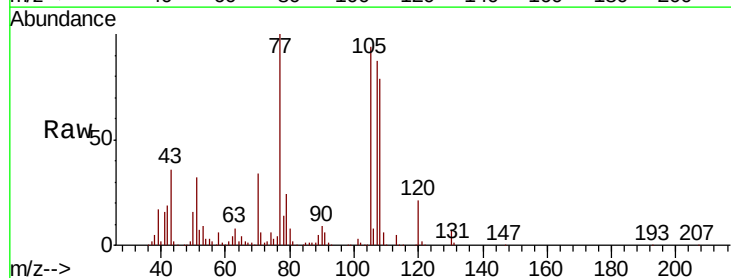
Manual Integrations
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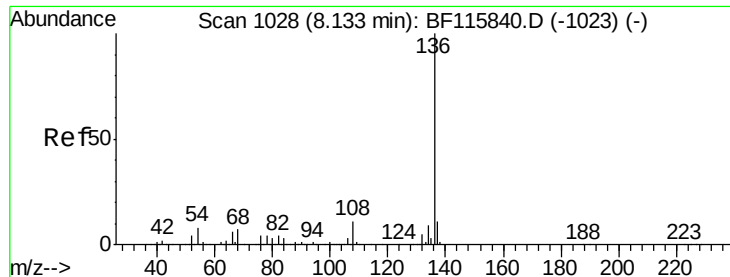
mohammad
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#20
3+4-Methylphenols
Concen: 43.453 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	67.9	107.9	
77	114.4	77.3	117.3	
79	28.0	6.6	46.6	





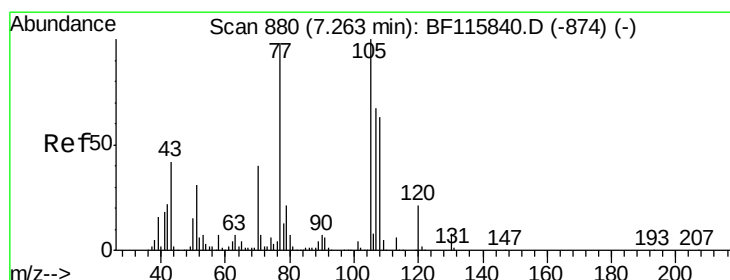
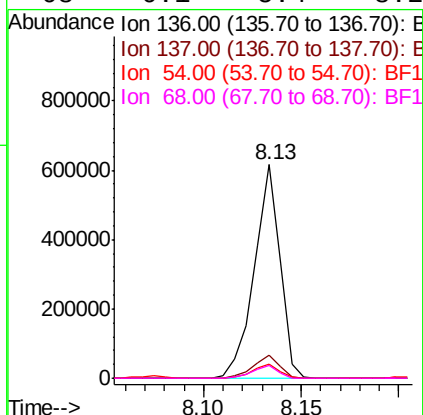
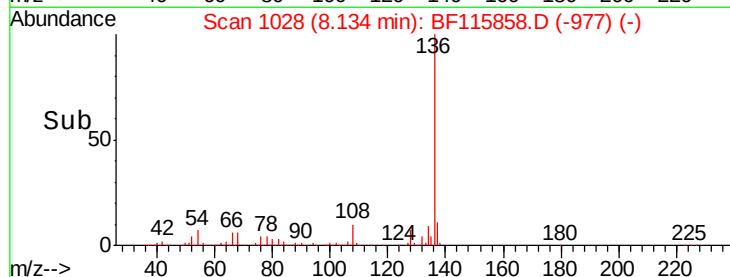
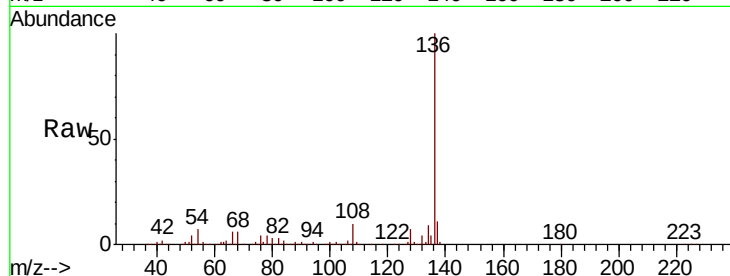
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	6.1	9.1
68	6.1	5.4	8.2

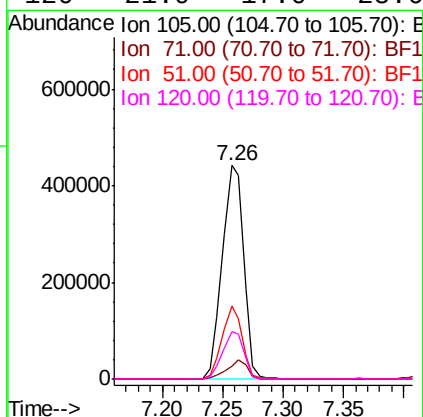
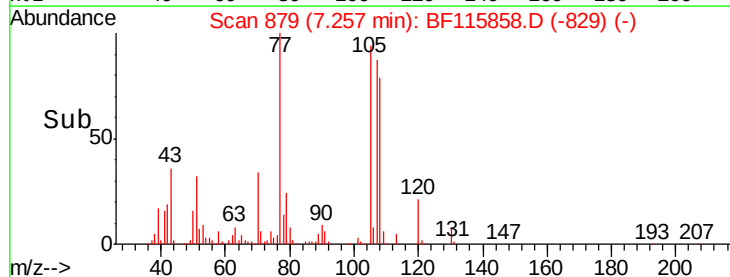
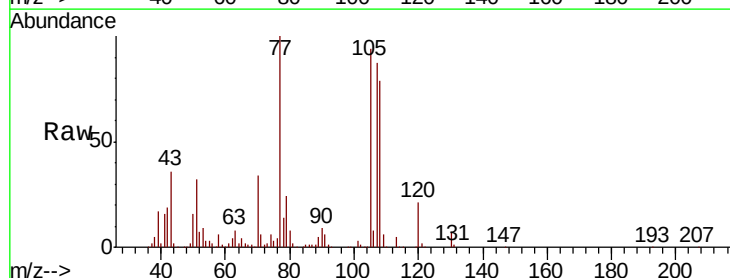
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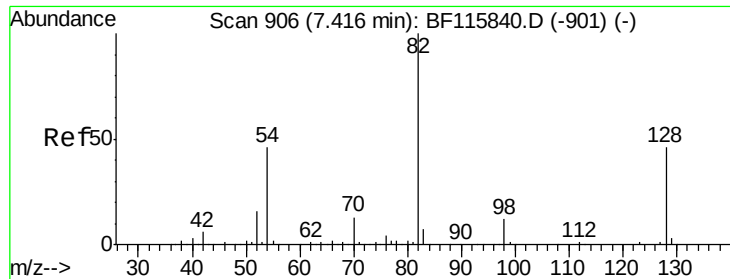
mohammad
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#22
Acetophenone
Concen: 44.026 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.1	5.4	8.0
51	34.2	24.6	36.8
120	21.9	17.0	25.6





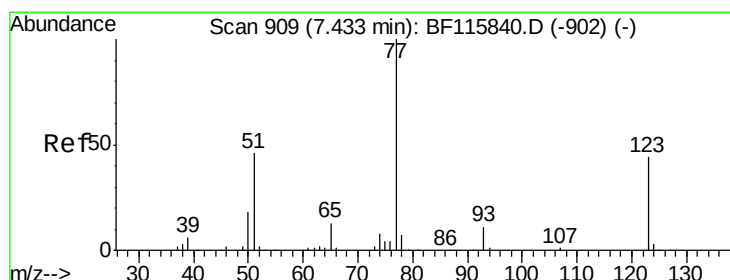
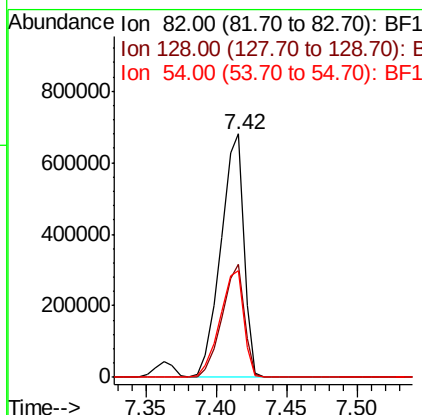
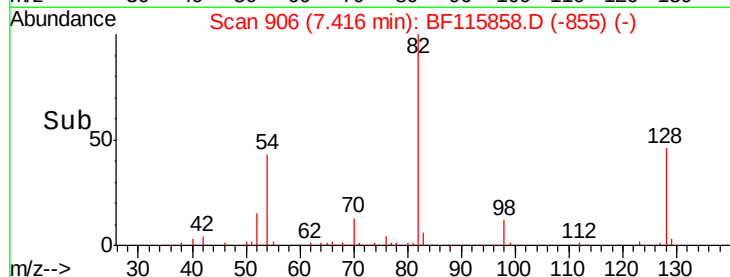
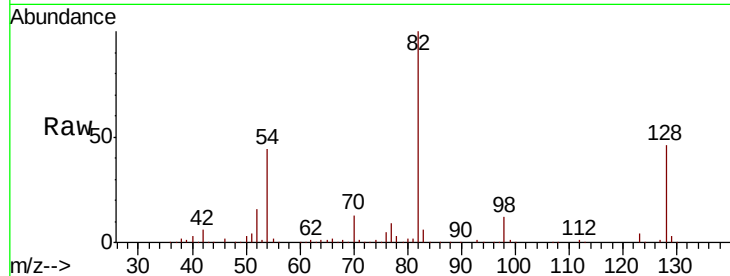
#23
Nitrobenzene-d5
Concen: 79.286 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	773839		
128	46.3		36.6	55.0
54	43.7		36.6	55.0

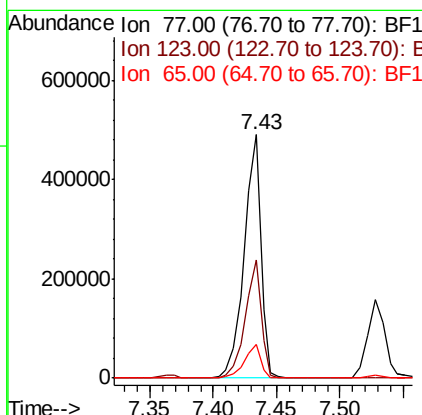
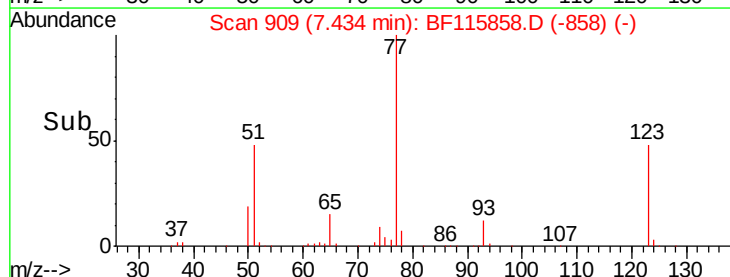
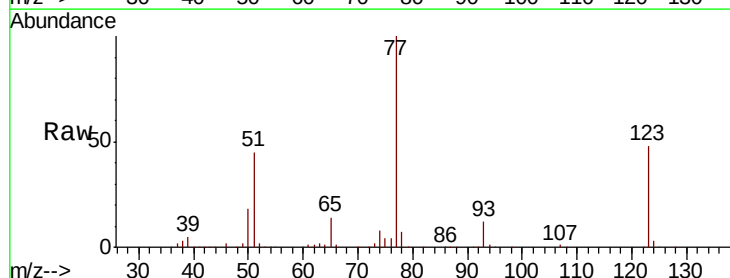
Manual Integrations
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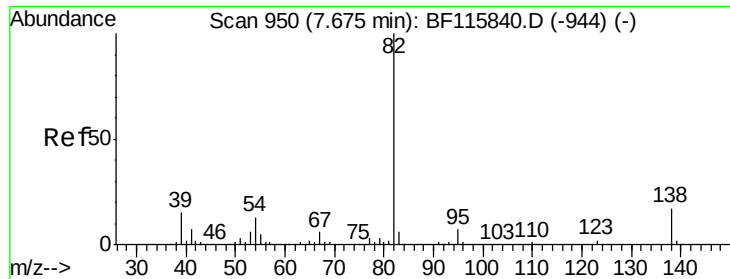
mohammad
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#24
Nitrobenzene
Concen: 42.368 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	446502		
123	48.5		35.5	53.3
65	13.6		10.6	15.8





#25

Isophorone

Concen: 42.348 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

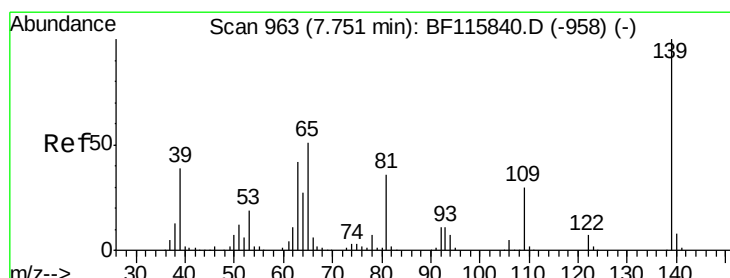
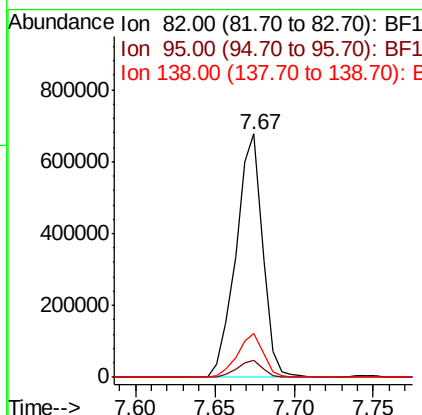
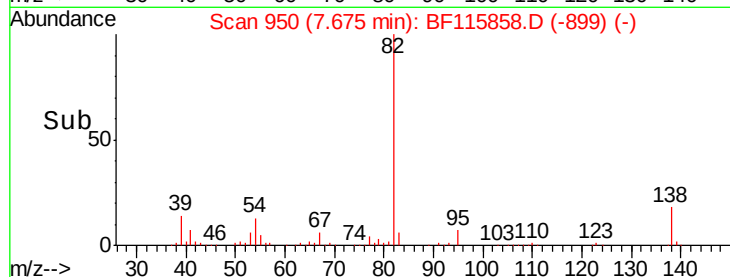
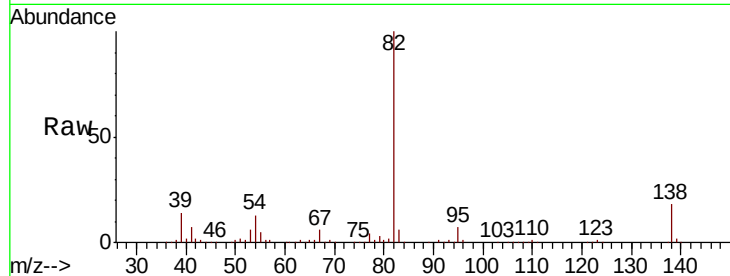
ClientSampleId :

PB121767BSD

Tot Ion:	82	Resp:	790328
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.1	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.154 ng

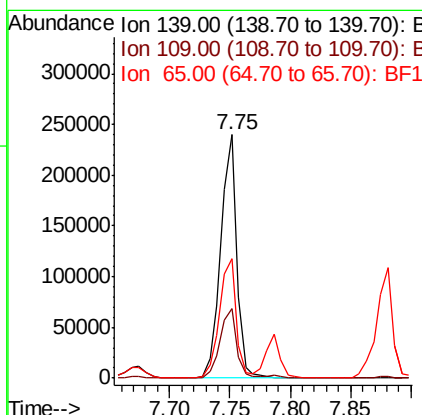
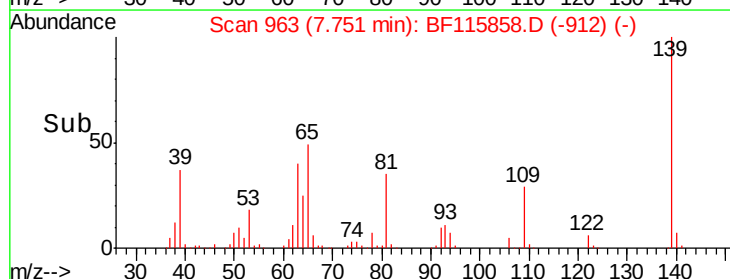
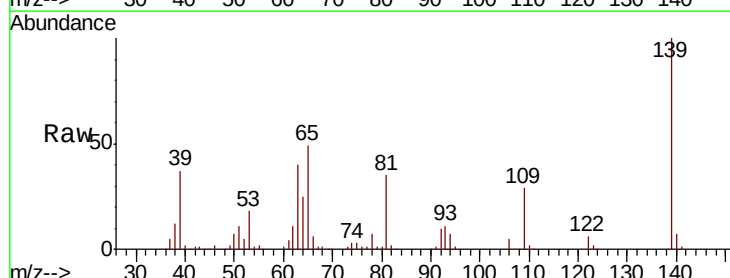
RT: 7.75 min Scan# 963

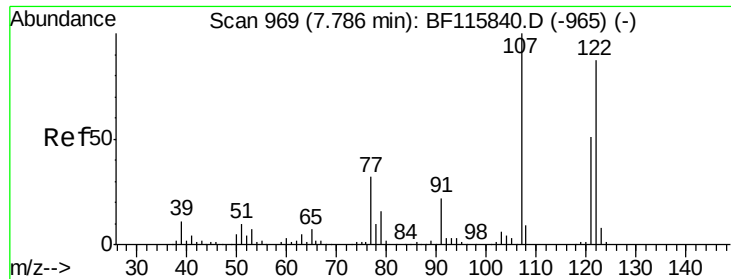
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:	139	Resp:	219345
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.6	35.4
65	48.9	40.6	60.8





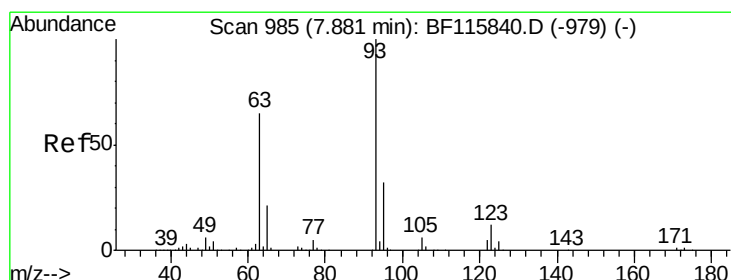
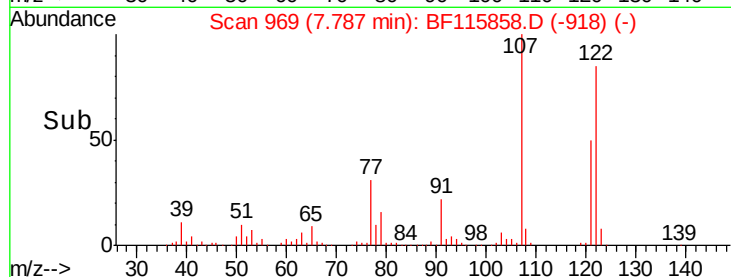
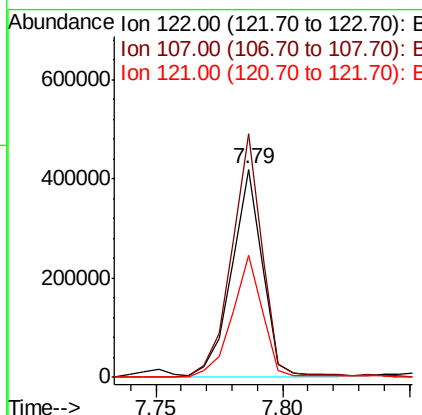
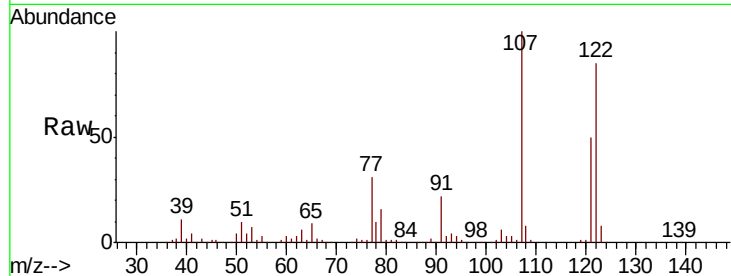
#27
2,4-Dimethylphenol
Concen: 47.442 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	354575		
107	117.0		91.7	137.5
121	58.7		46.6	70.0

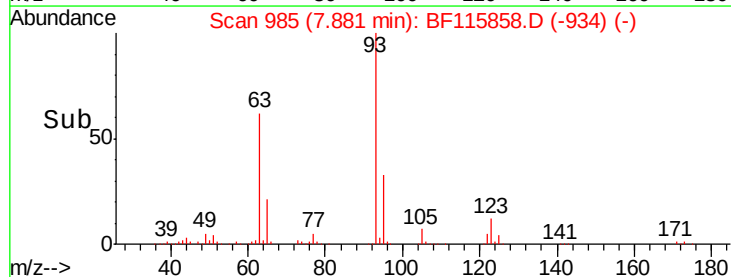
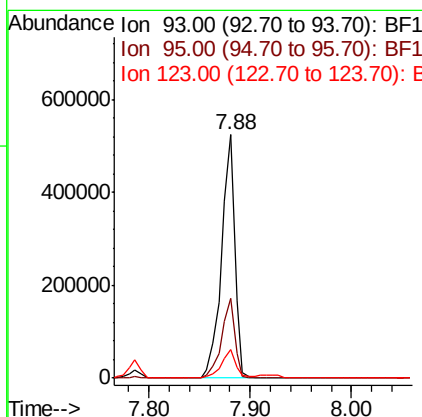
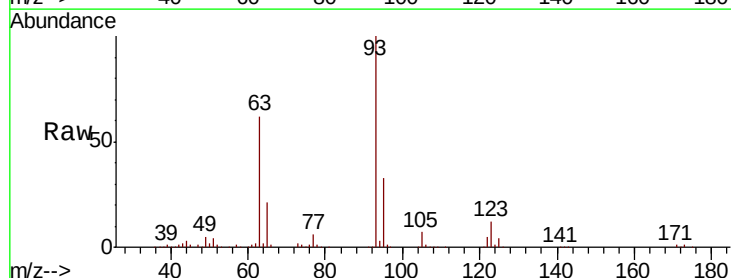
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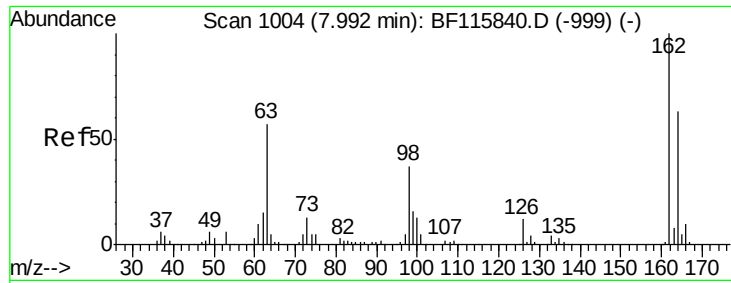
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8/1/2019 5:06:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.297 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	477704		
95	32.9		26.0	39.0
123	11.9		9.5	14.3





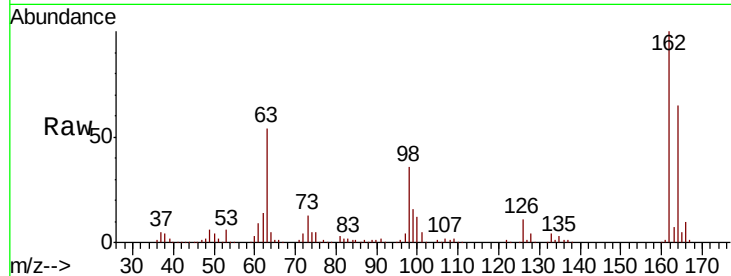
#29
2,4-Dichlorophenol
Concen: 43.250 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	43.2	83.2
98	36.1	17.3	57.3

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8/1/2019 5:06:20 PM

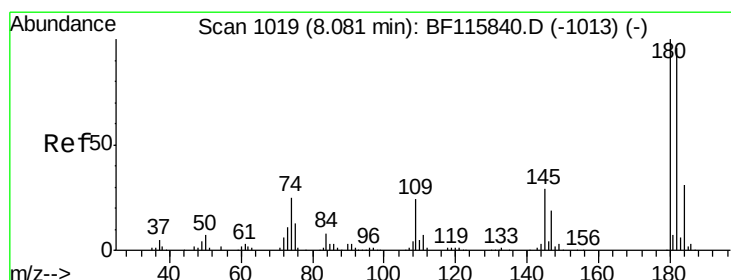
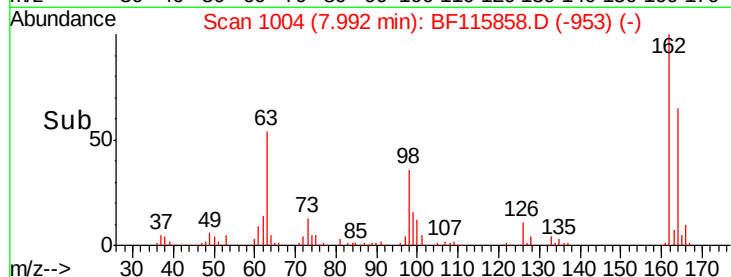
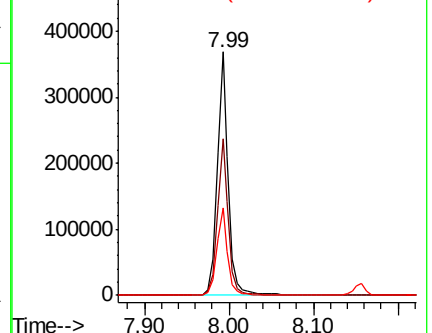


Abundance

Ion 162.00 (161.70 to 162.70): E

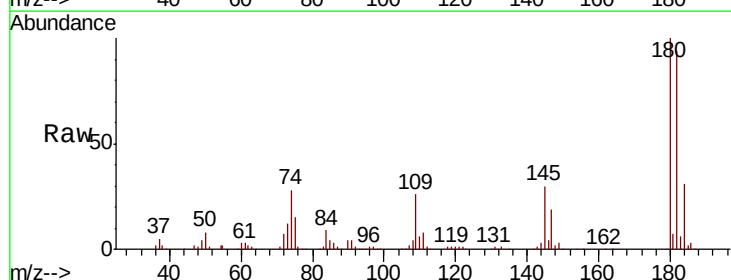
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.571 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	76.6	114.8
145	30.2	23.2	34.8

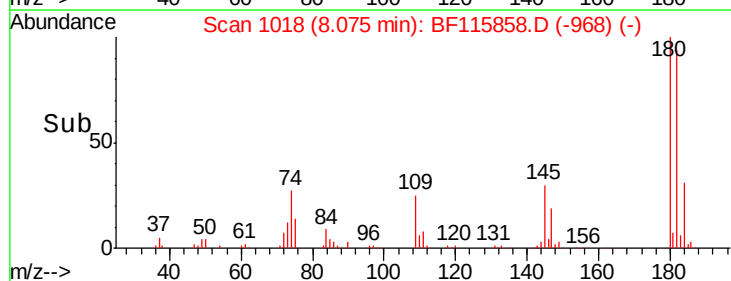
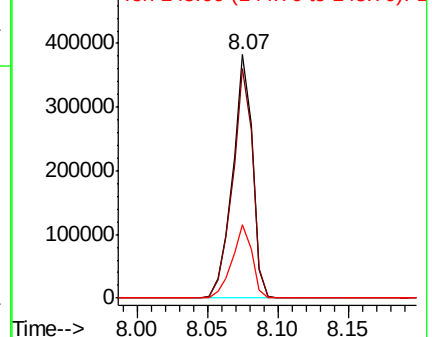


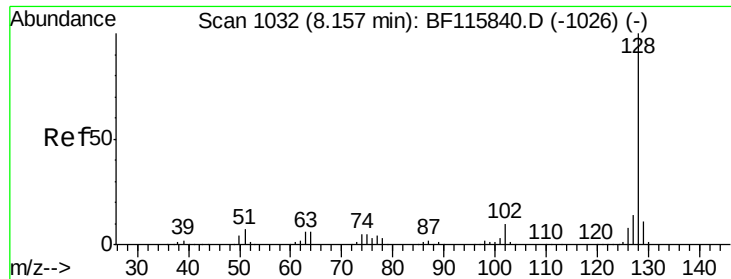
Abundance

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





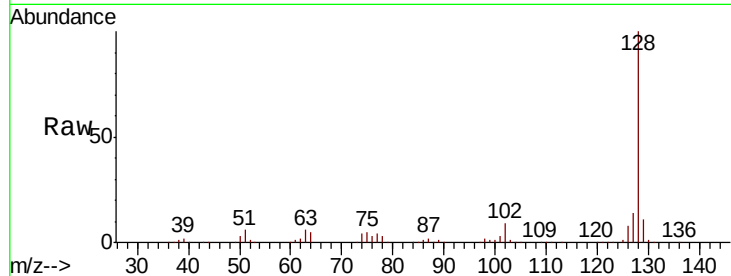
#31
Naphthalene
Concen: 44.105 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

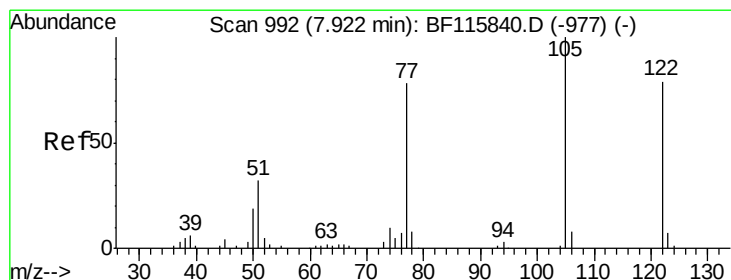
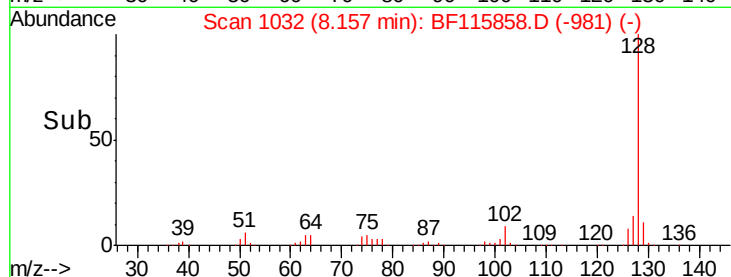
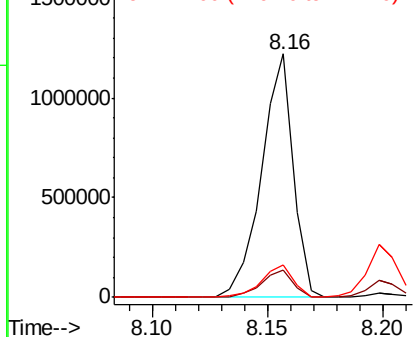
Tot Ion:128 Resp: 1169305
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 11.0 16.4

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8/1/2019 5:06:20 PM

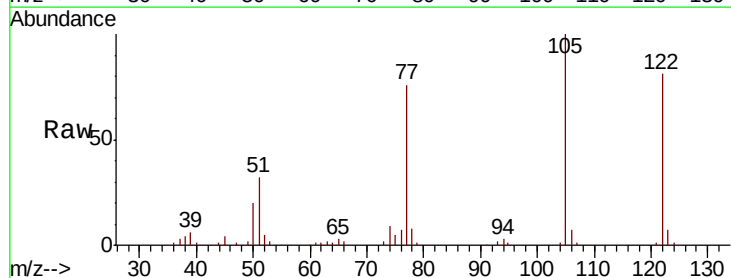


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

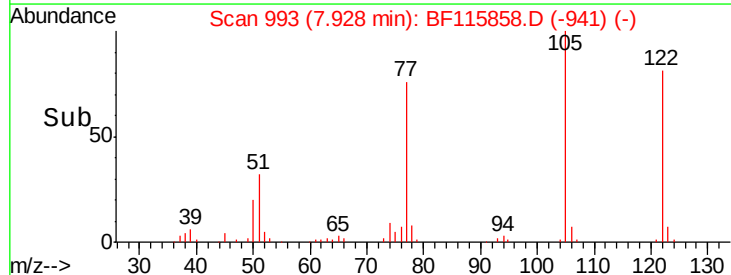
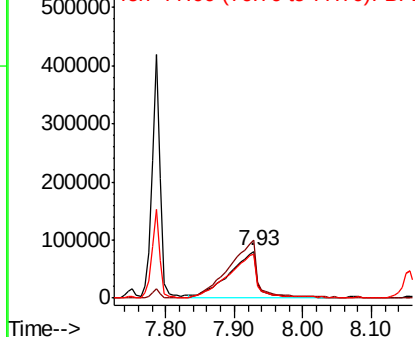


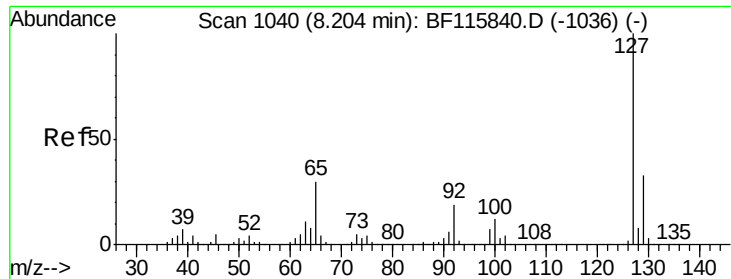
#32
Benzoic acid
Concen: 43.931 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:122 Resp: 231486
Ion Ratio Lower Upper
122 100
105 123.3 103.1 143.1
77 93.8 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





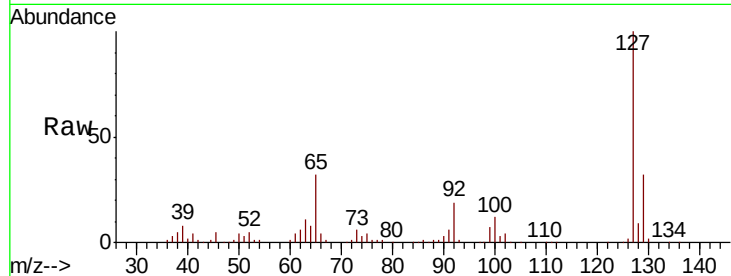
#33
4-Chloroaniline
Concen: 22.543 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.0	39.0		
65	31.6	23.9	35.9		
92	18.8	14.9	22.3		

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8/1/2019 5:06:20 PM



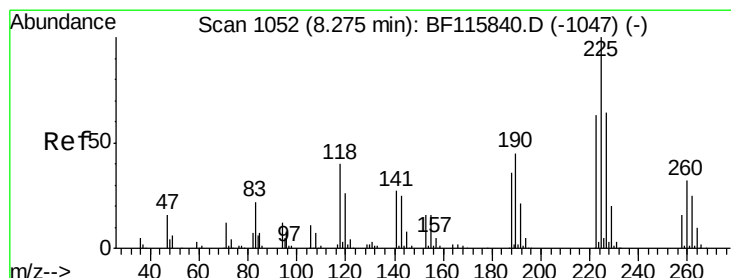
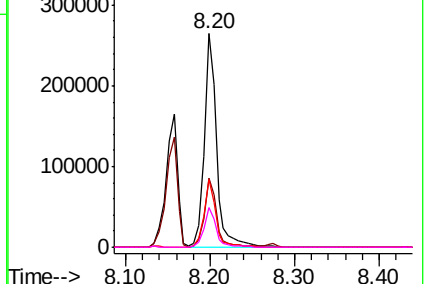
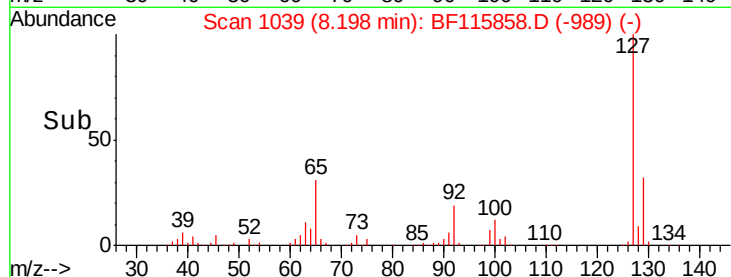
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

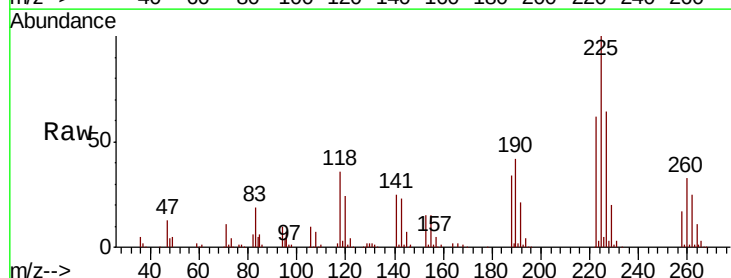
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.404 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.4	75.6		
227	64.5	51.6	77.4		

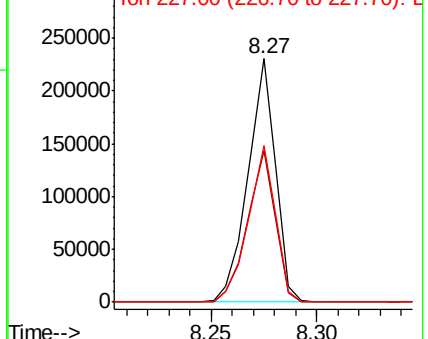
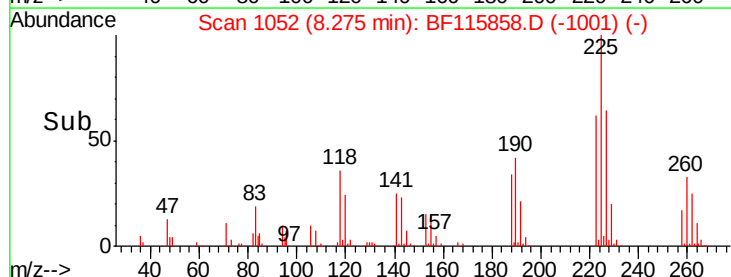


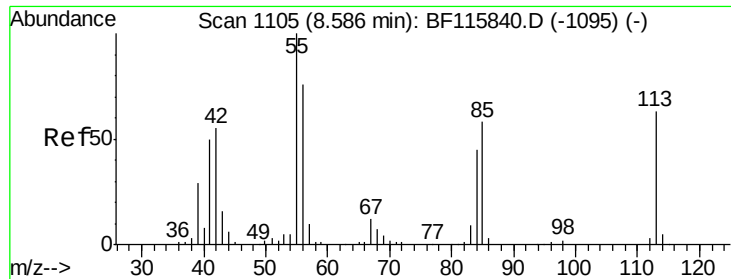
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





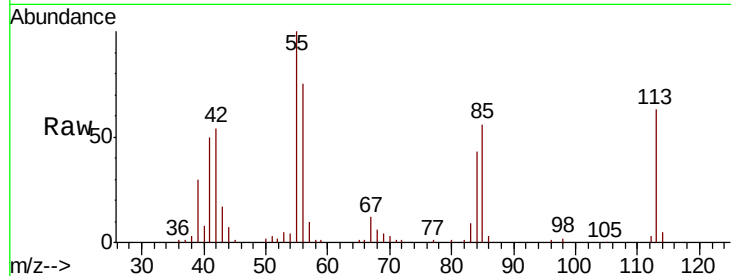
#35
Caprolactam
Concen: 41.177 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

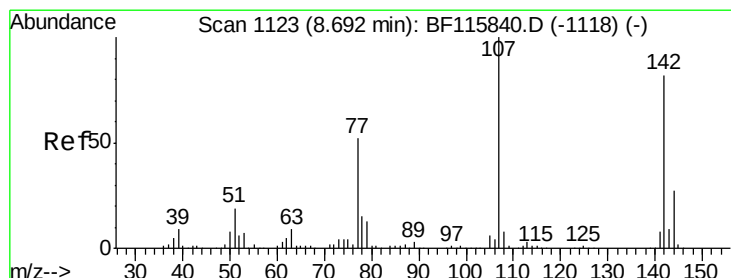
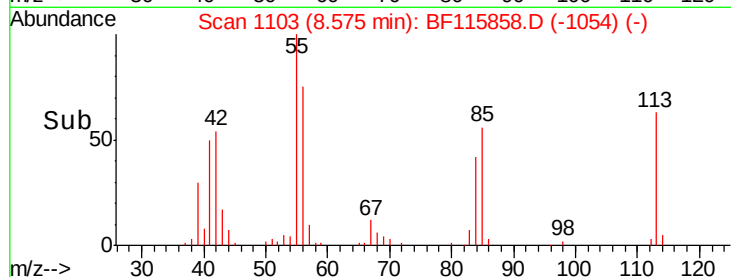
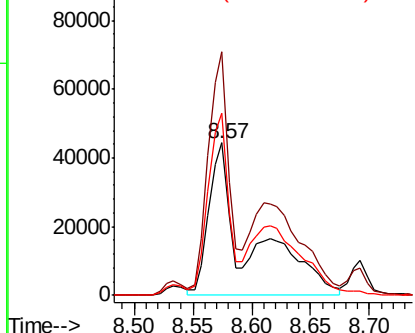
Tot Ion	Ratio	Lower	Upper
113	100		
55	159.6	138.1	178.1
56	119.4	100.6	140.6

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8/1/2019 5:06:20 PM

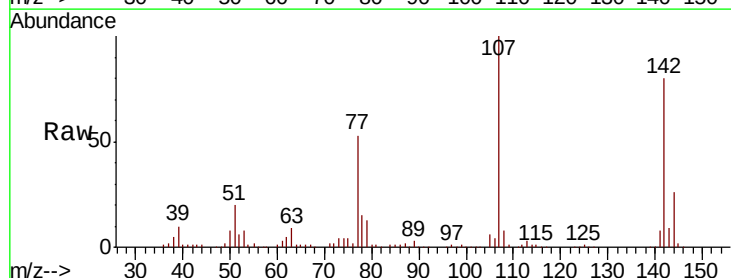


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

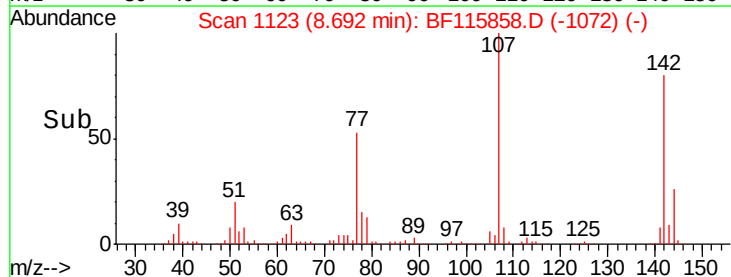
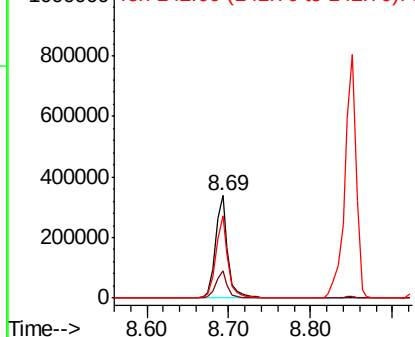


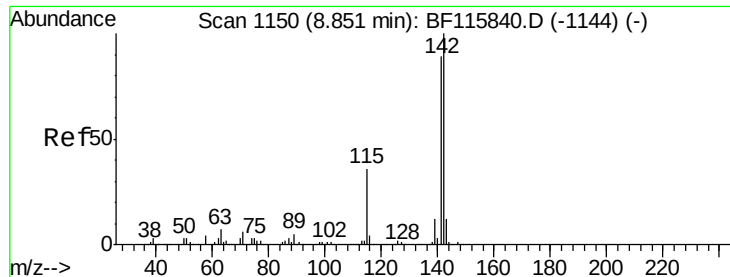
#36
4-Chloro-3-methylphenol
Concen: 43.175 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.4	32.0
142	79.8	65.5	98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





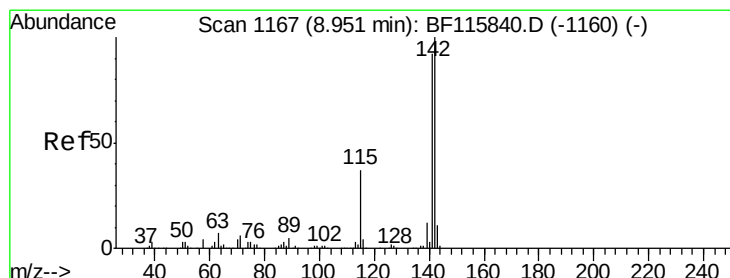
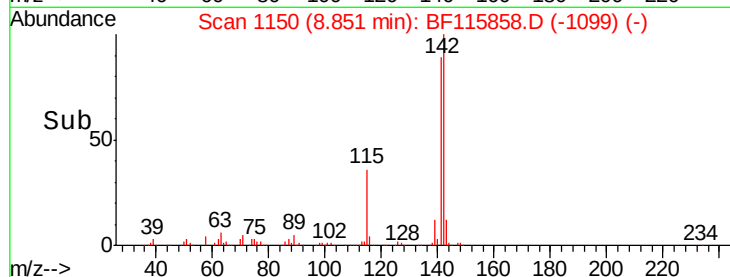
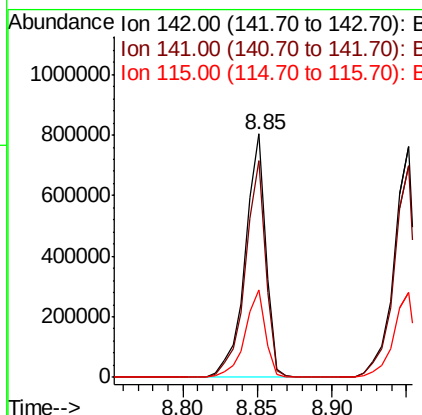
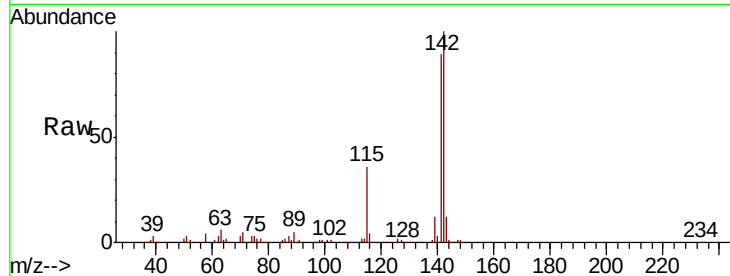
#37
2-Methylnaphthalene
Concen: 44.068 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	35.8	28.9	43.3

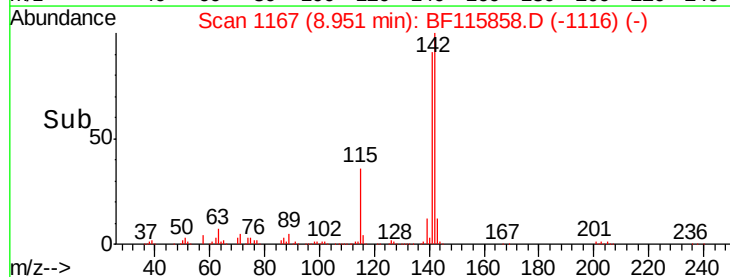
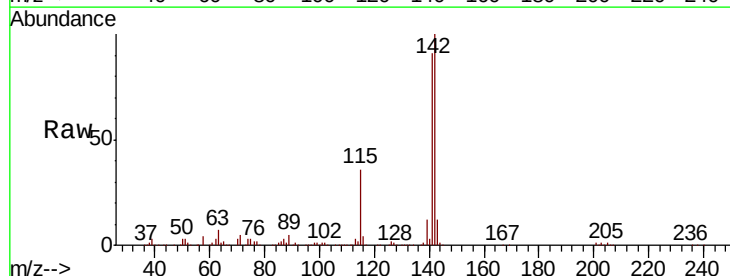
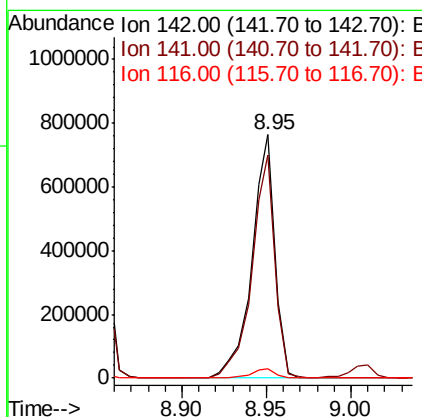
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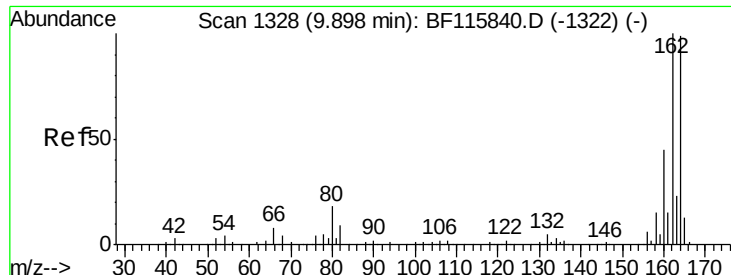
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8/1/2019 5:06:20 PM



#38
1-Methylnaphthalene
Concen: 43.834 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.6
116	3.7	3.1	4.7





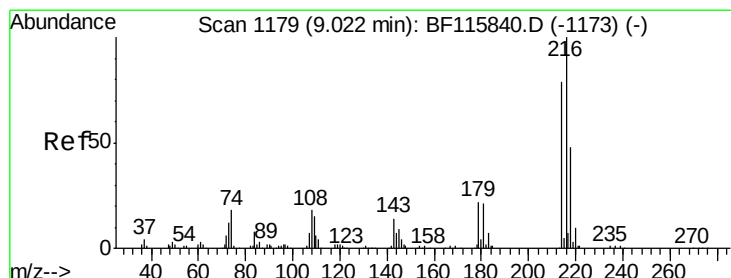
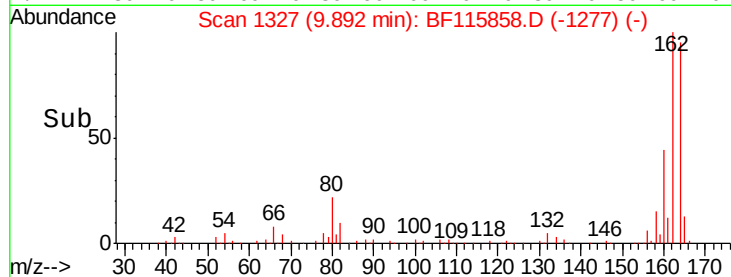
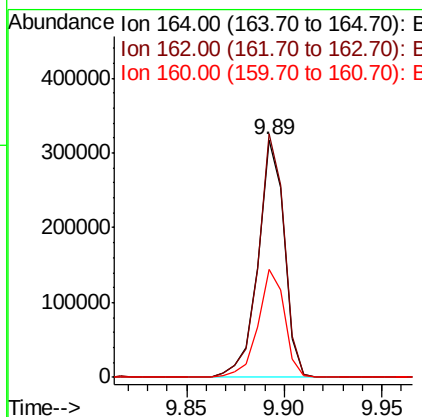
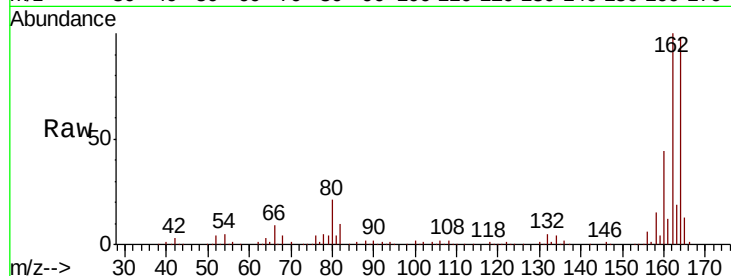
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	45.5	36.2	54.4

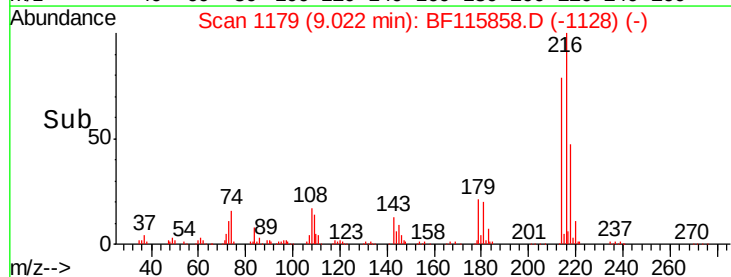
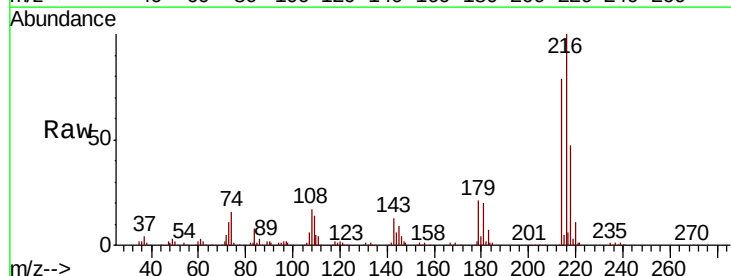
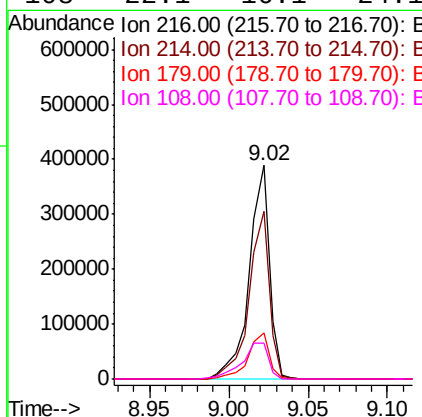
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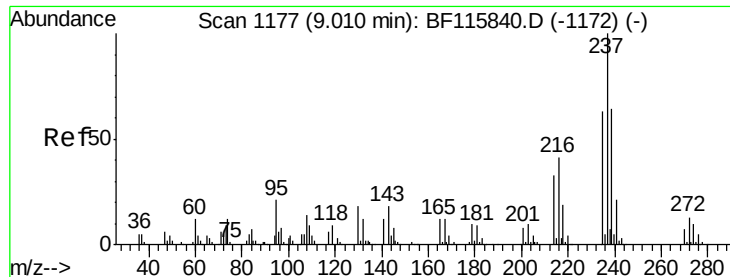
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8/1/2019 5:06:20 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.683 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	22.1	17.6	26.4
108	22.1	16.1	24.1





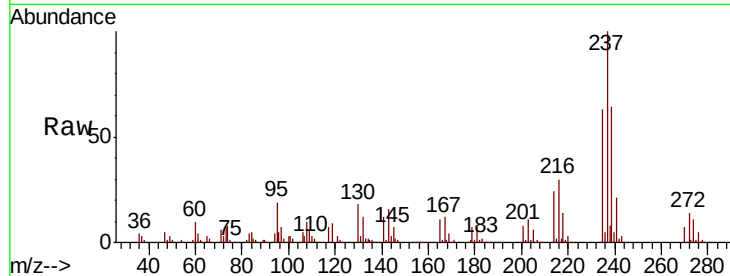
#41
Hexachlorocyclopentadiene
Concen: 84.353 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

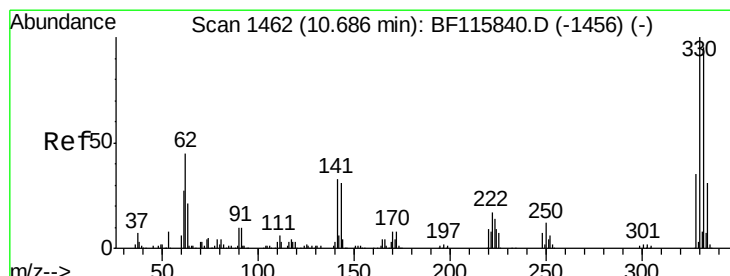
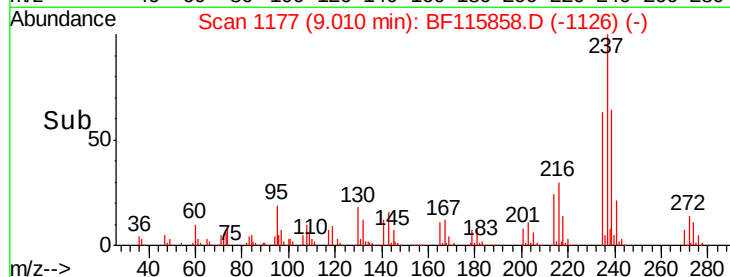
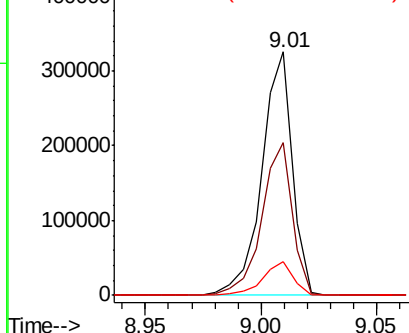
Tot Ion:	237	Resp:	299398
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.5	82.5
272	13.7	0.0	33.3

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8/1/2019 5:06:20 PM



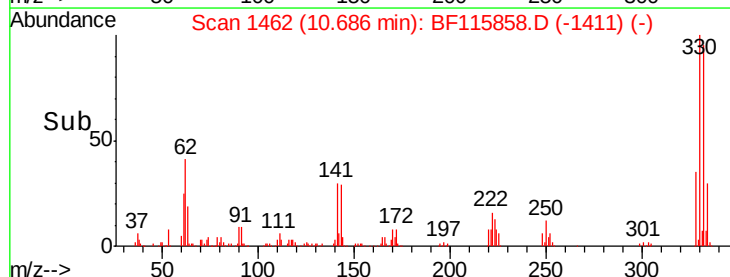
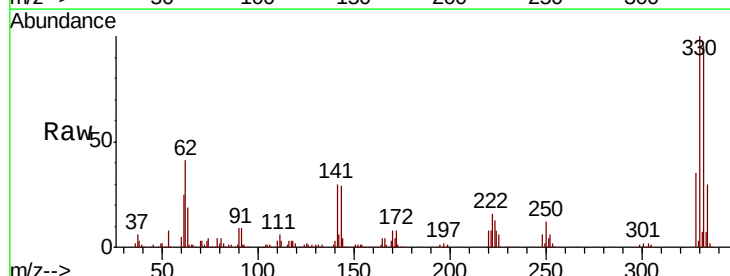
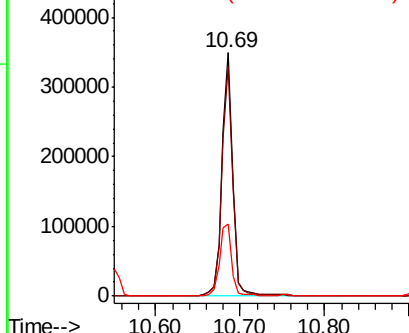
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

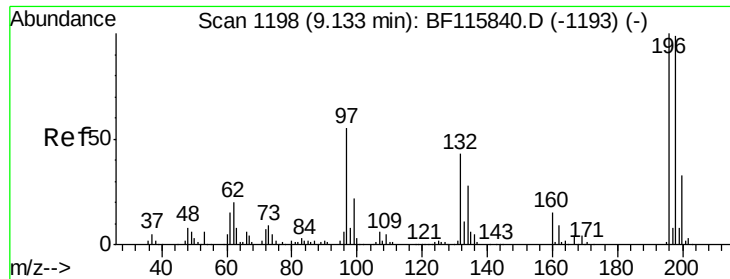


#42
2,4,6-Tribromophenol
Concen: 111.533 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:	330	Resp:	318479
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.7	116.5
141	33.7	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





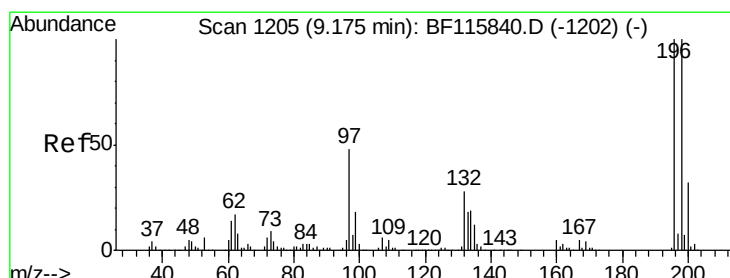
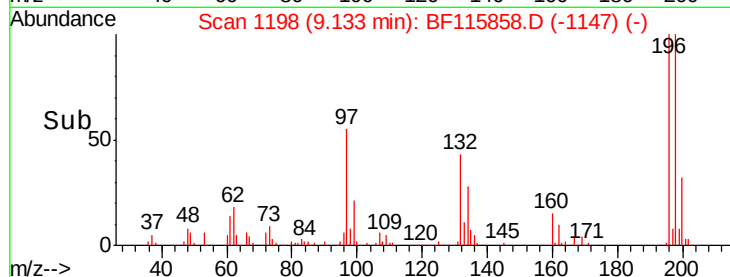
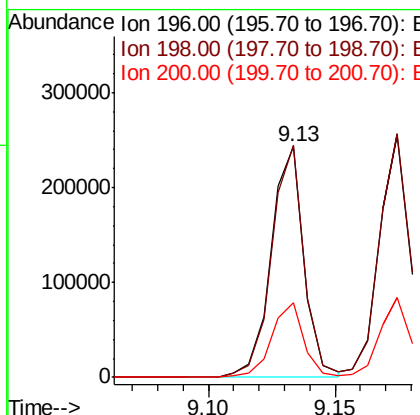
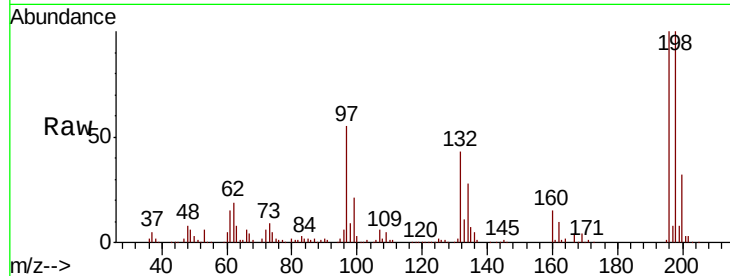
#43
 2,4,6-Trichlorophenol
 Concen: 40.814 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

Tot Ion:	196	Resp:	221195
Ion Ratio	Lower	Upper	
196	100		
198	100.4	79.1	118.7
200	32.6	26.0	39.0

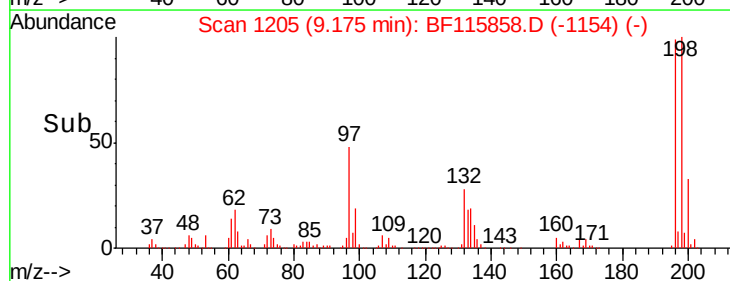
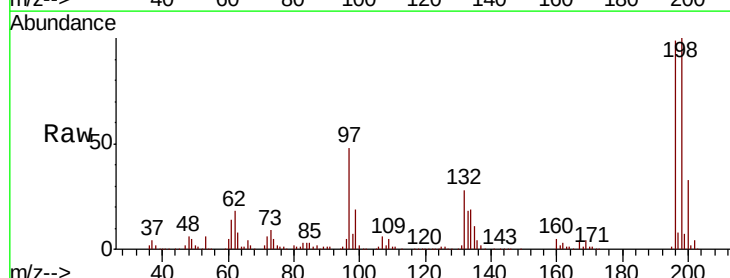
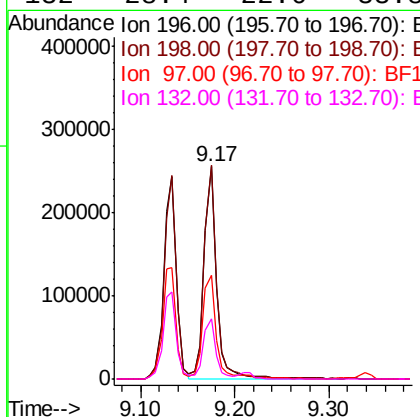
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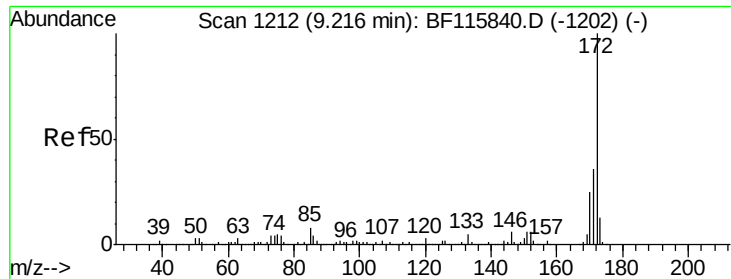
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.372 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:	196	Resp:	237378
Ion Ratio	Lower	Upper	
196	100		
198	100.7	80.1	120.1
97	48.6	38.9	58.3
132	28.4	22.6	33.8





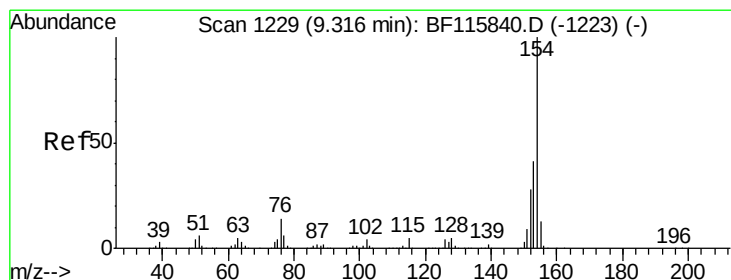
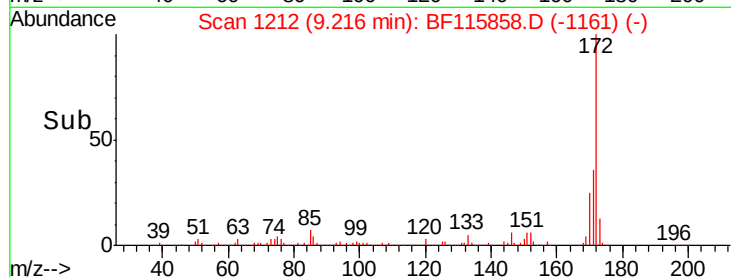
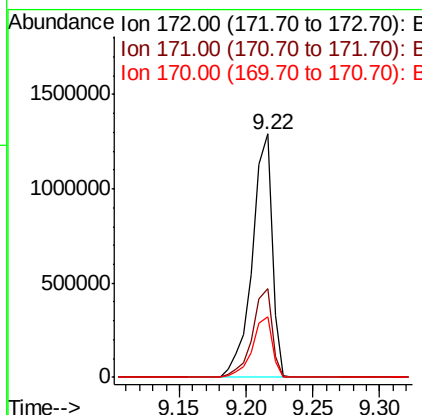
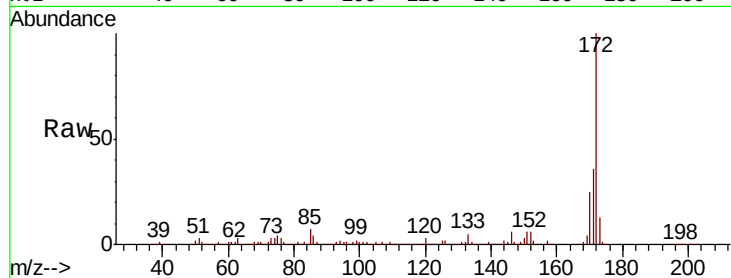
#45
2-Fluorobiphenyl
Concen: 83.406 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.0	20.1	30.1

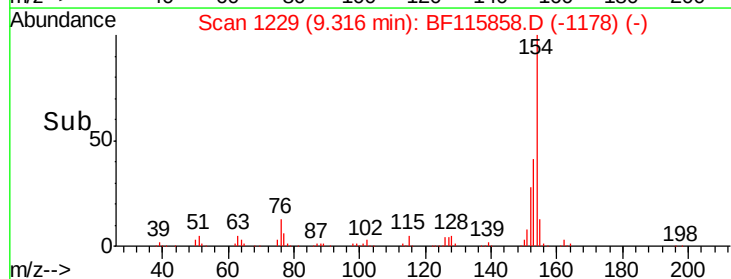
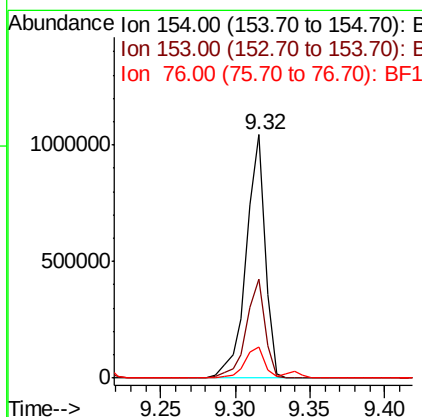
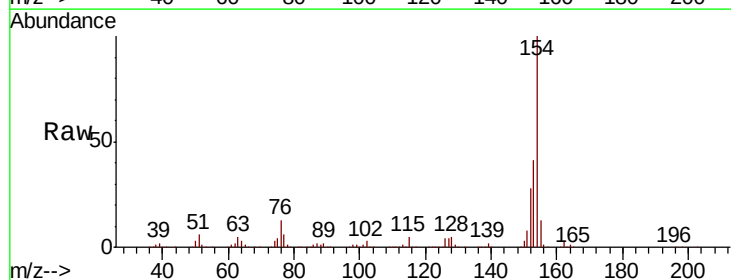
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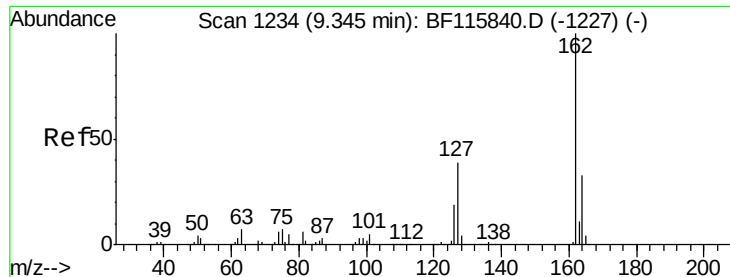
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#46
1,1'-Biphenyl
Concen: 44.127 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	12.7	0.0	34.3





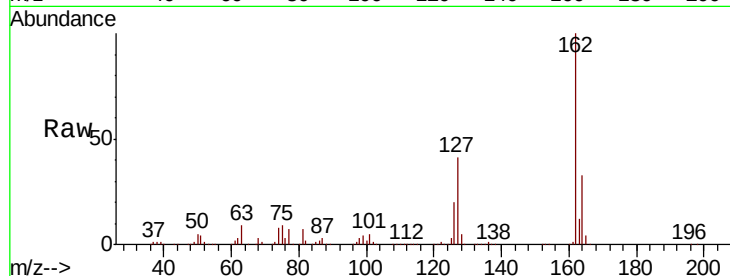
#47
 2-Chloronaphthalene
 Concen: 42.247 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

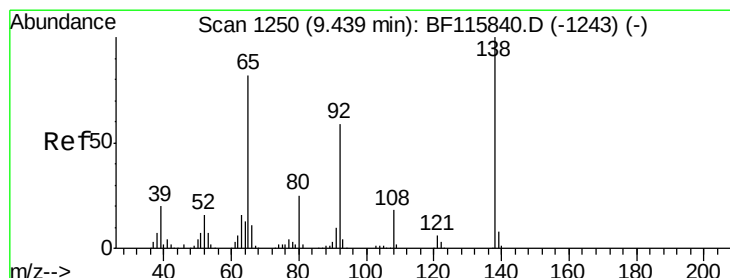
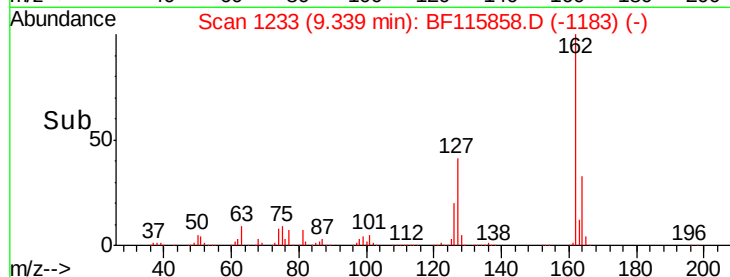
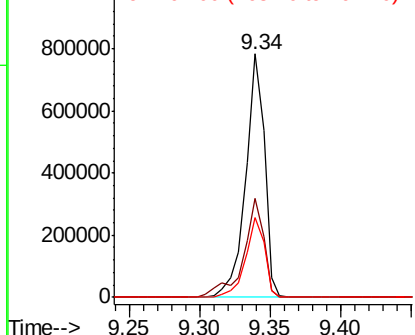
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.9	31.3	46.9		
164	32.9	26.6	40.0		

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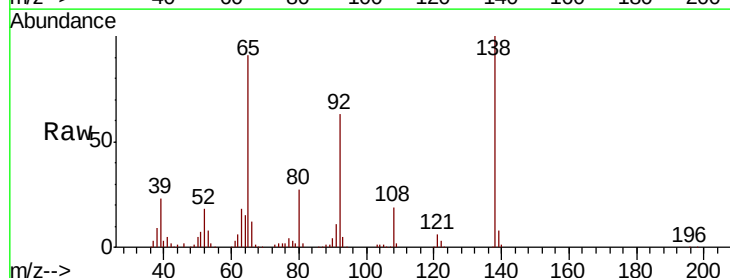


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

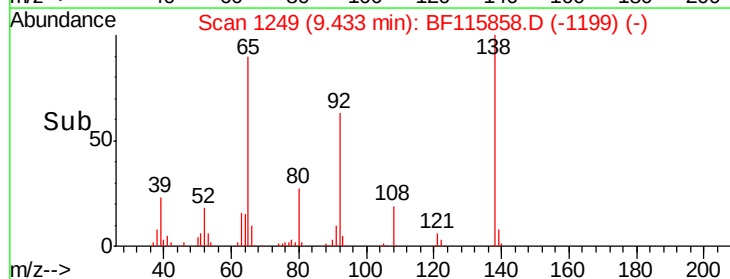
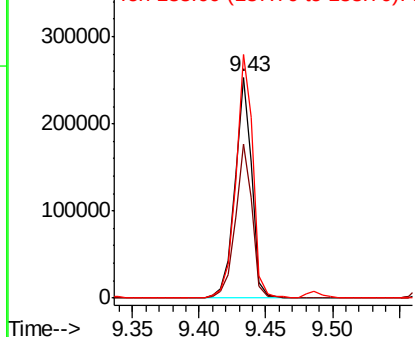


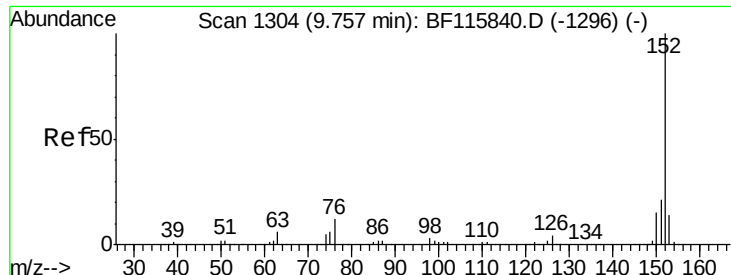
#48
 2-Nitroaniline
 Concen: 39.238 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.8	57.1	85.7		
138	110.2	97.1	145.7		



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.813 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion:152 Resp: 1106190

Ion Ratio Lower Upper

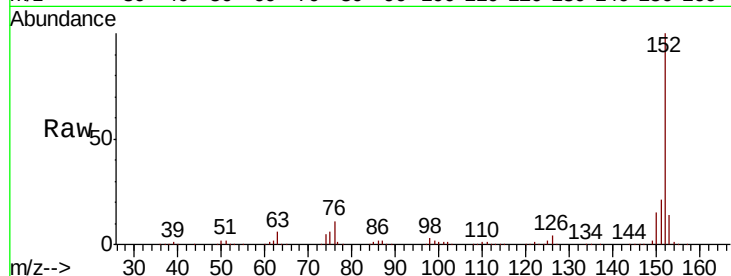
152 100

151 21.1 16.8 25.2

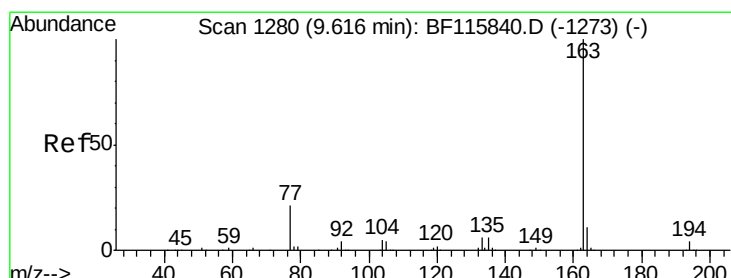
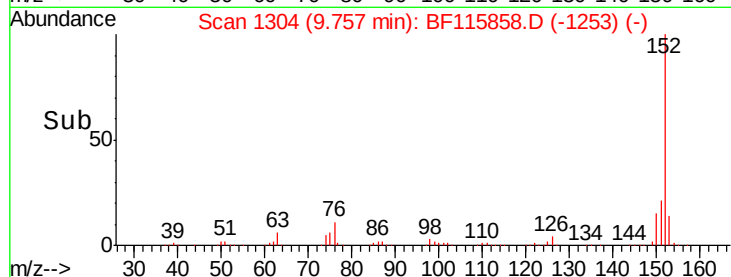
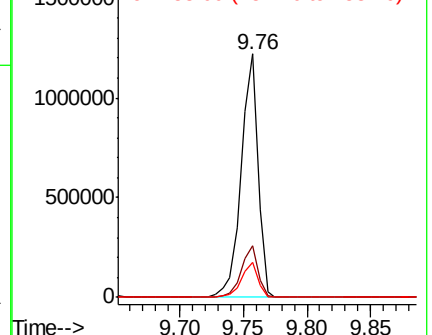
153 14.3 11.6 17.4

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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: 39.940 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

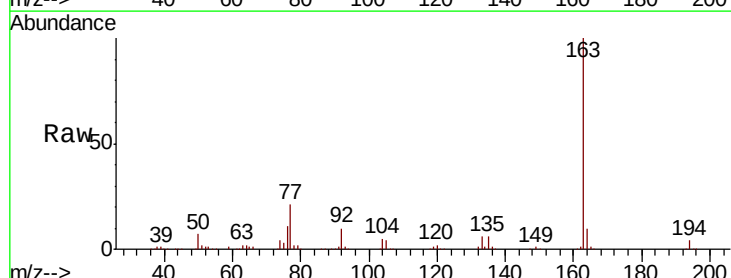
Tgt Ion:163 Resp: 800942

Ion Ratio Lower Upper

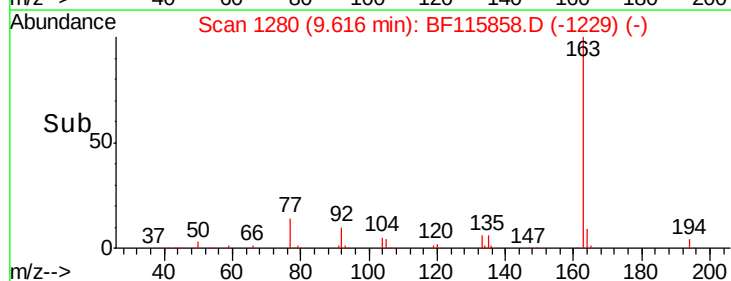
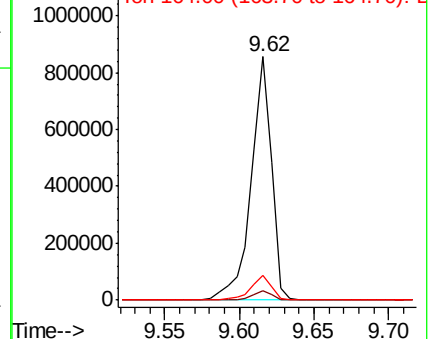
163 100

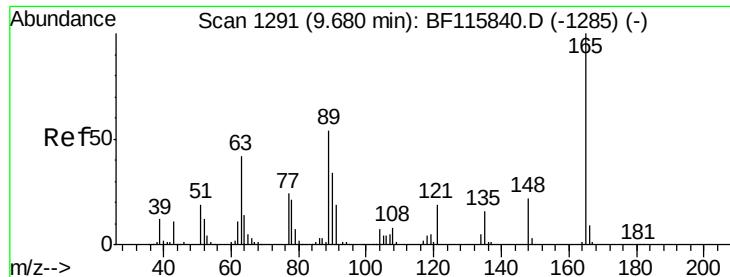
194 3.8 3.0 4.6

164 10.1 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





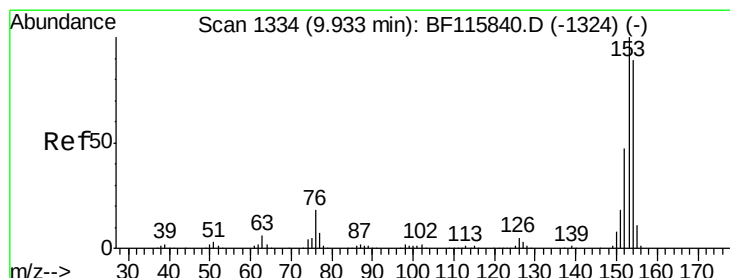
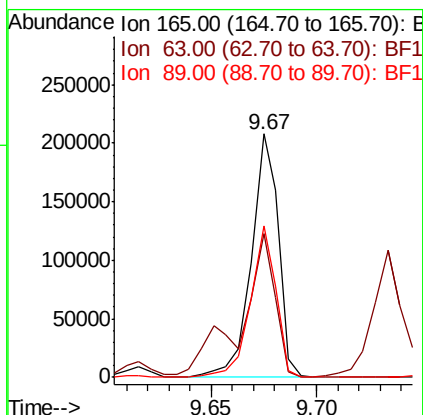
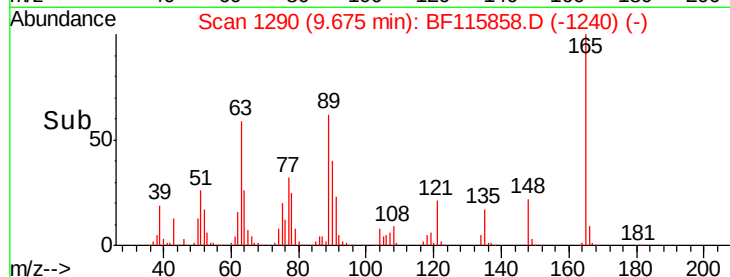
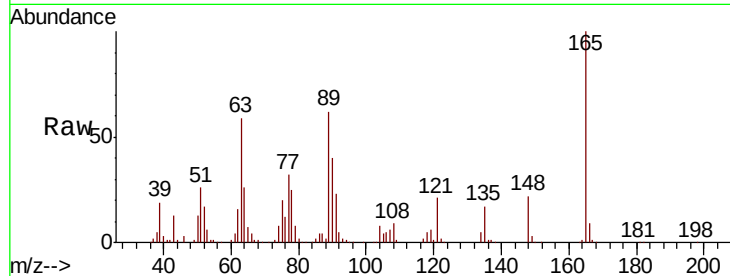
#51
2,6-Dinitrotoluene
Concen: 42.278 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184249		
63	58.8	39.4	59.2	
89	62.0	43.0	64.6	

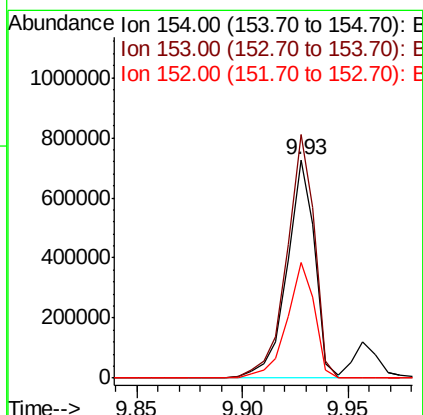
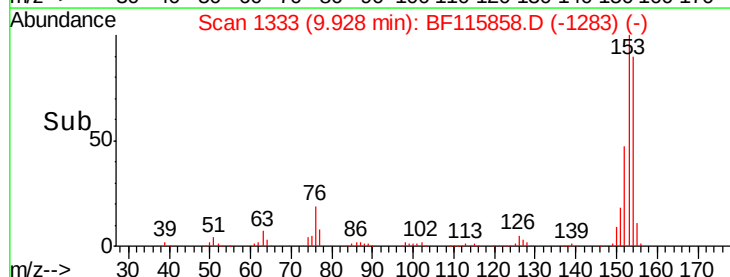
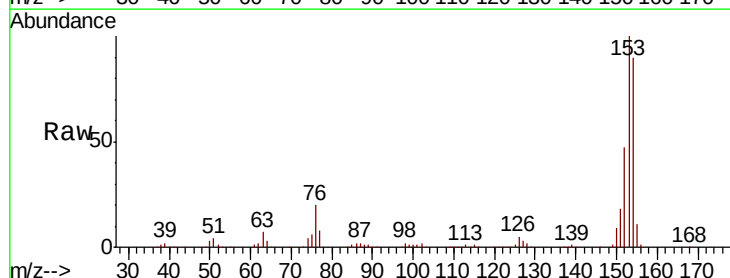
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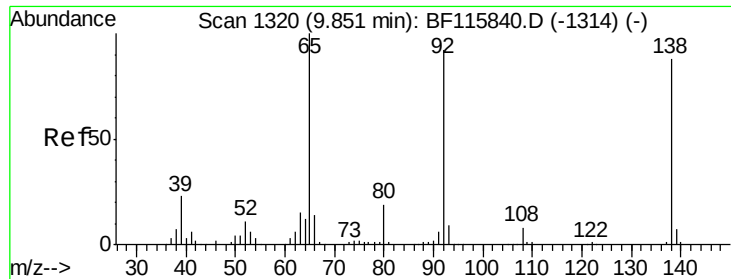
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#52
Acenaphthene
Concen: 43.191 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	668991		
153	111.5	90.1	135.1	
152	52.9	42.6	63.8	





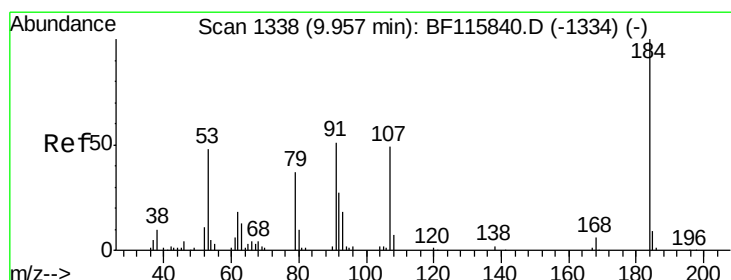
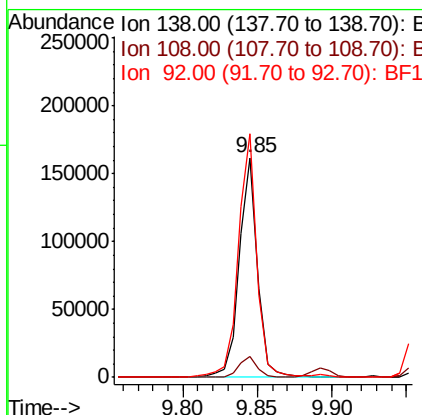
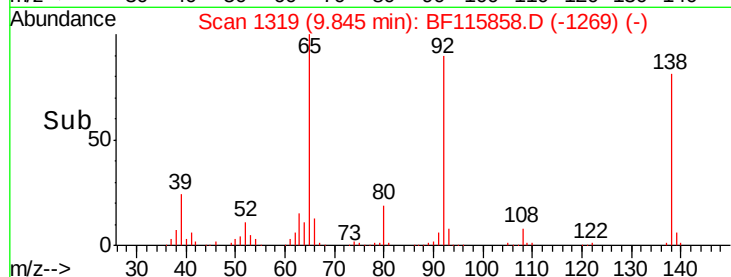
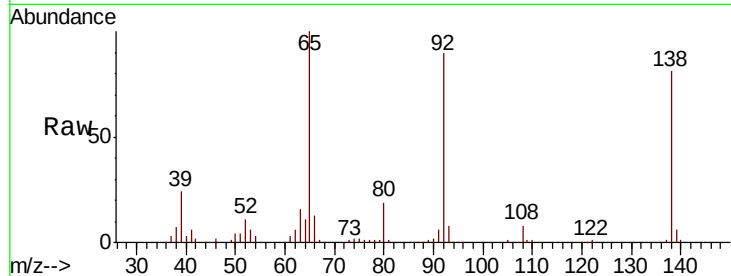
#53
3-Nitroaniline
Concen: 25.682 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	138296		
108	9.7	7.4	11.2	
92	110.7	83.9	125.9	

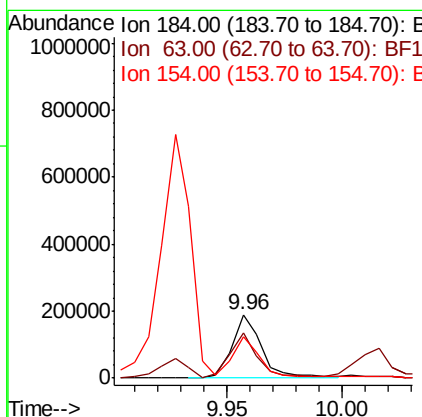
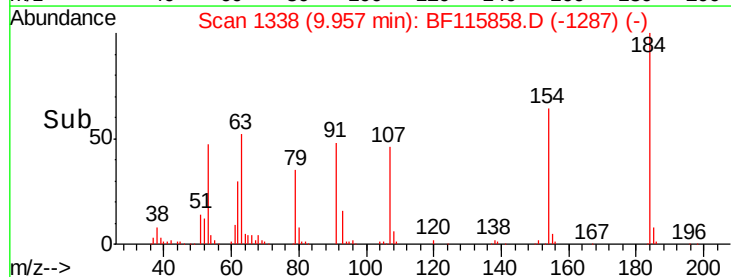
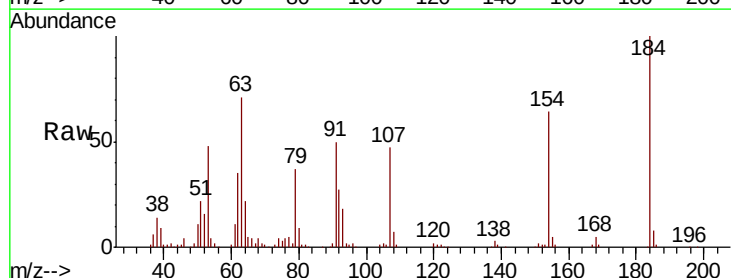
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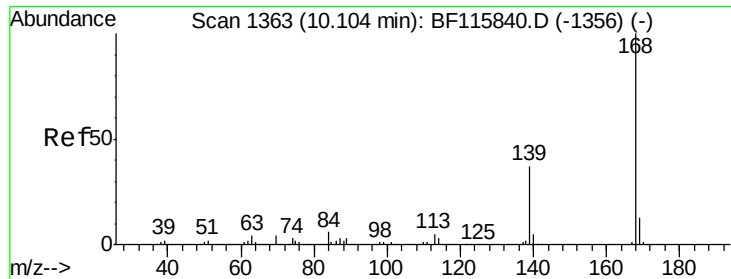
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#54
2,4-Dinitrophenol
Concen: 76.858 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	169606		
63	71.1	56.7	85.1	
154	64.4	51.9	77.9	





#55

Dibenzofuran

Concen: 44.110 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

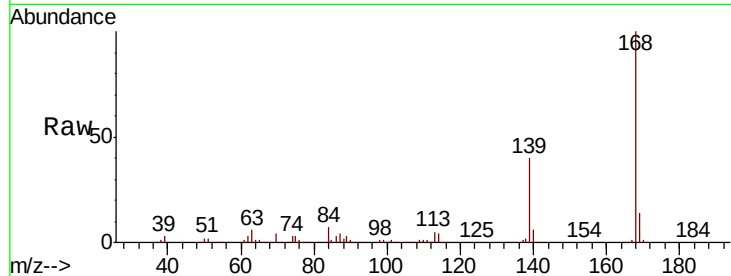
ClientSampleId :

PB121767BSD

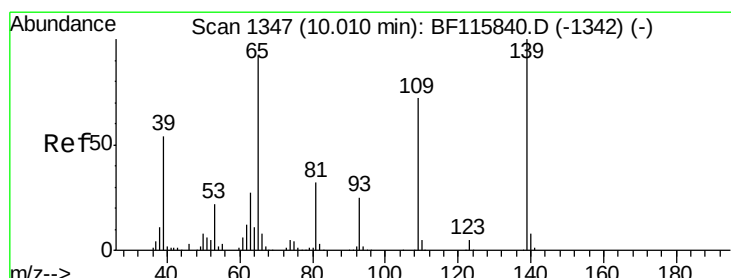
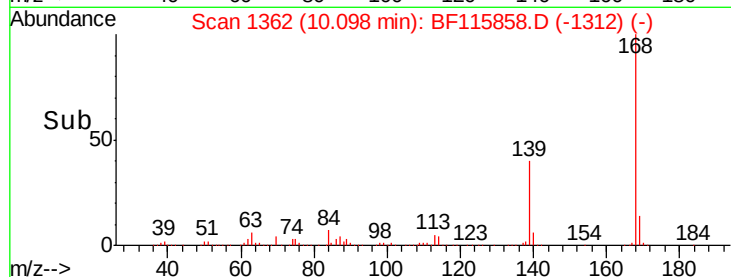
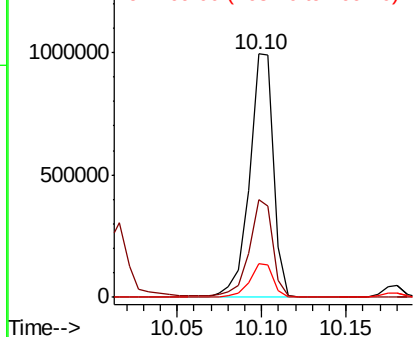
Tot Ion:	168	Resp:	993599
Ion Ratio	Lower	Upper	
168	100		
139	40.3	30.2	45.2
169	13.9	10.8	16.2

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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: 91.053 ng

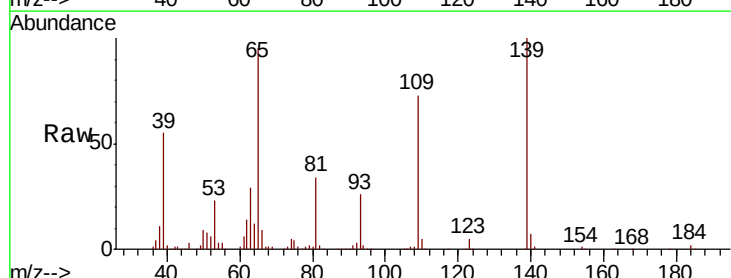
RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

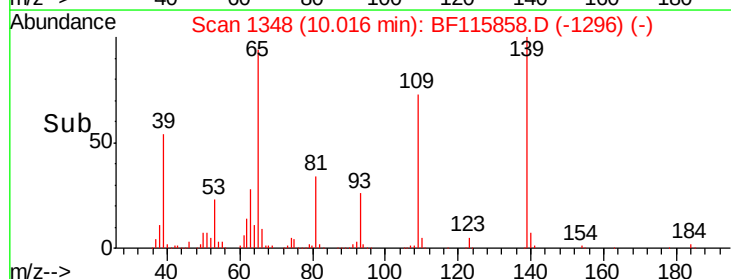
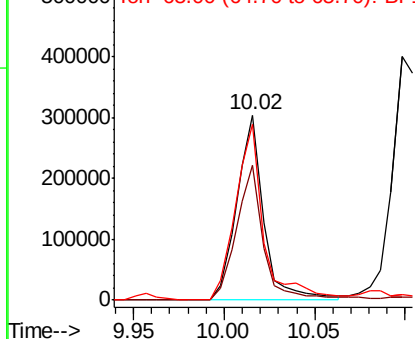
Lab File: BF115858.D

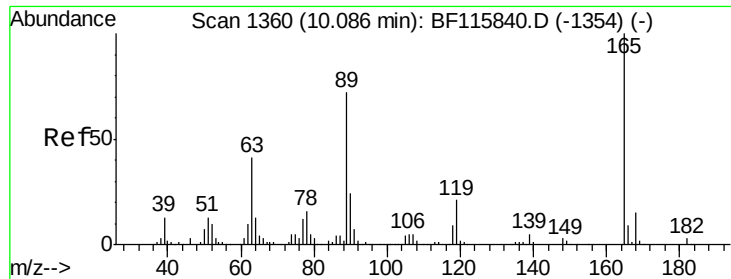
Acq: 31 Jul 2019 11:44

Tgt Ion:	139	Resp:	314092
Ion Ratio	Lower	Upper	
139	100		
109	72.6	52.0	92.0
65	94.5	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: 42.164 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

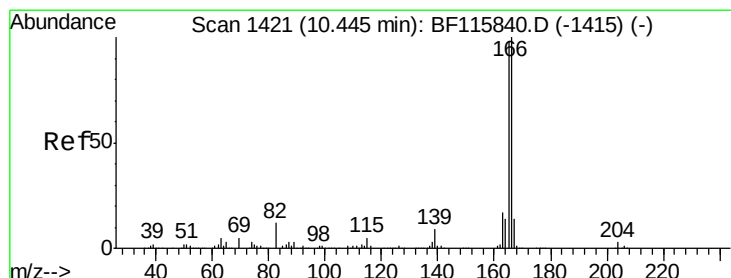
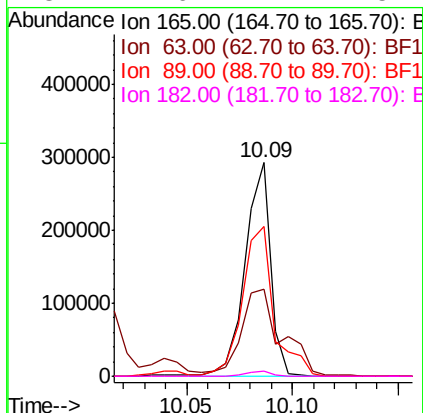
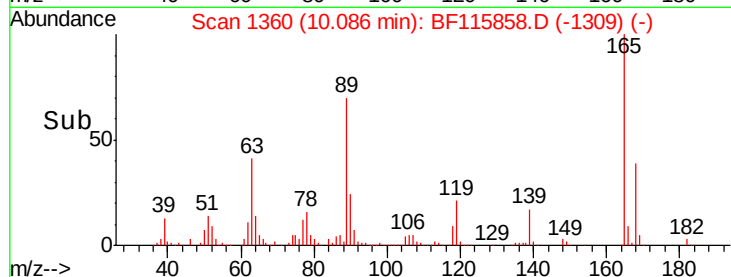
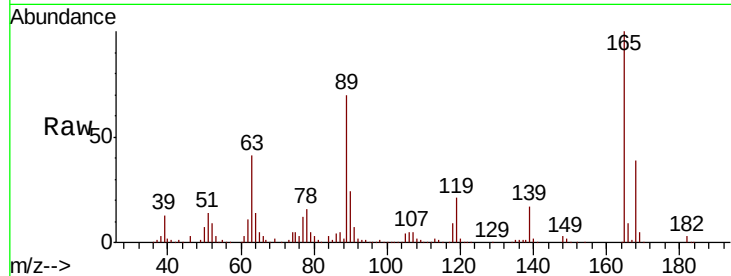
ClientSampleId :

PB121767BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		244651		
63	40.6		33.2	49.8	
89	70.0		57.3	85.9	
182	2.6		2.1	3.1	

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#58

Fluorene

Concen: 42.882 ng

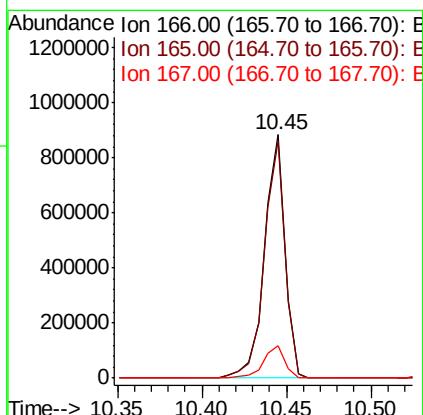
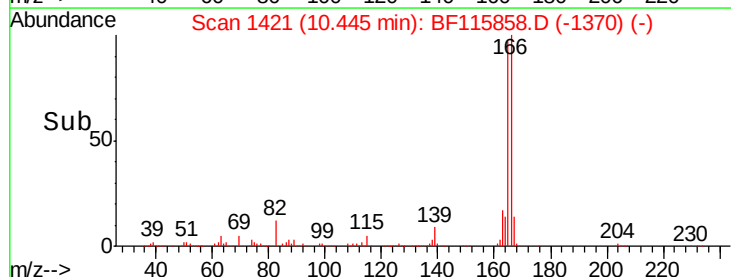
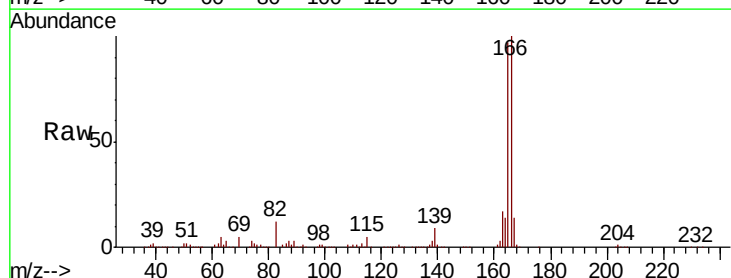
RT: 10.45 min Scan# 1421

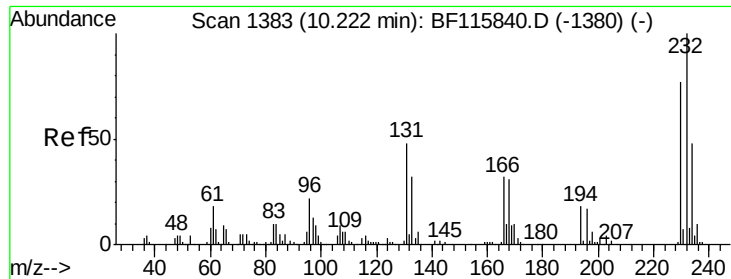
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		743158		
165	97.3		78.6	118.0	
167	13.5		10.9	16.3	





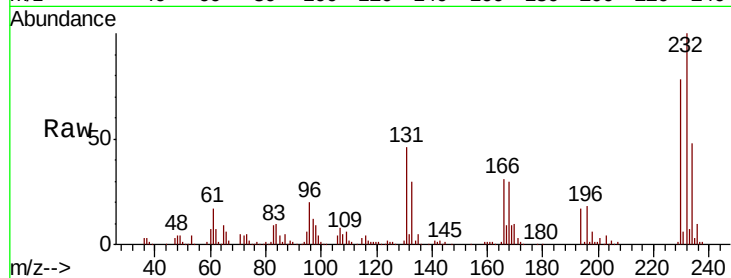
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.839 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.6	56.4
130	2.4	1.8	2.8
166	29.4	24.6	37.0

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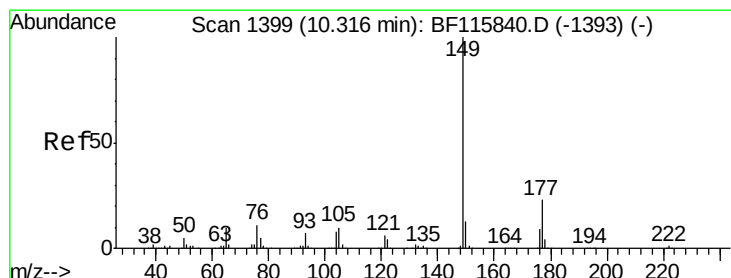
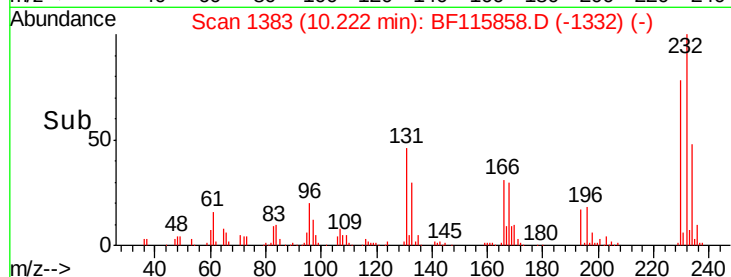
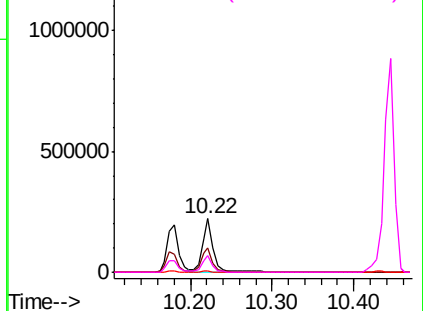
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.301 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

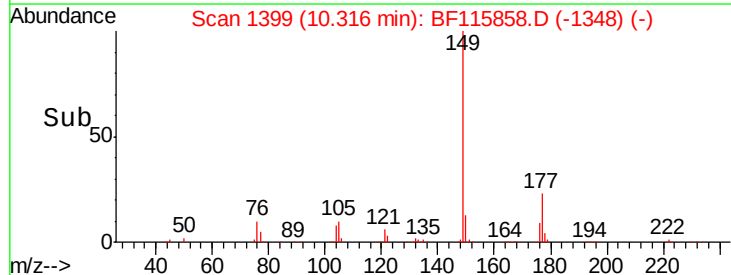
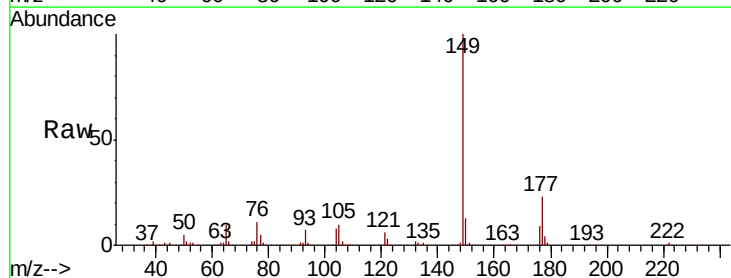
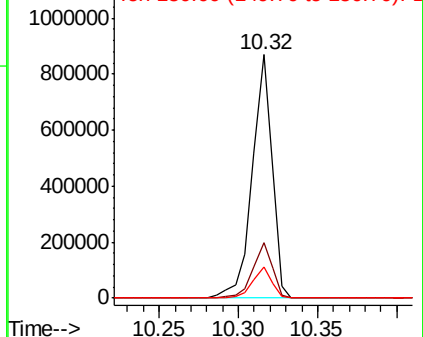
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.7	10.1	15.1

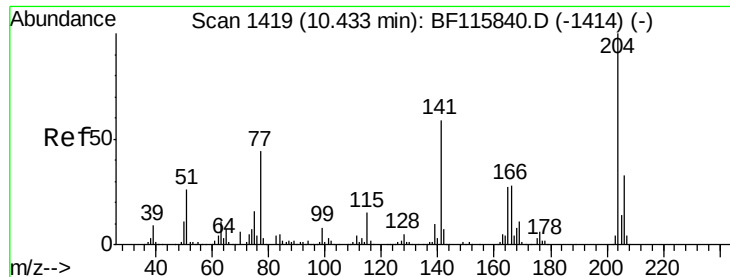
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





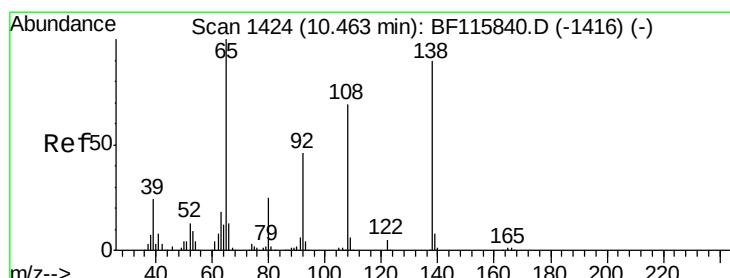
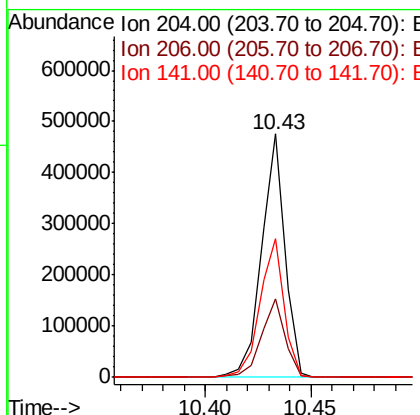
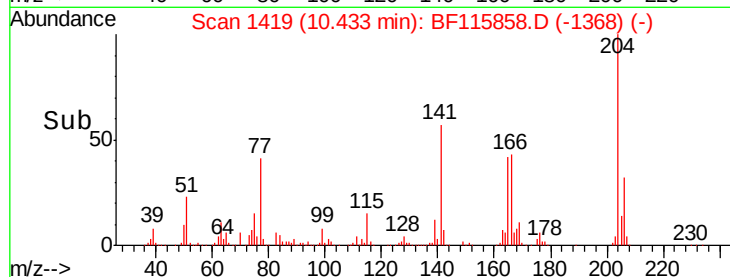
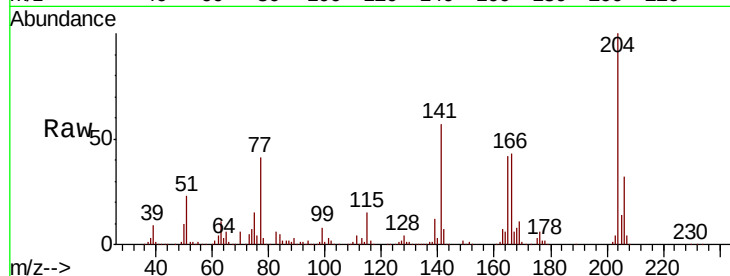
#61
4-Chlorophenyl-phenylether
Concen: 42.054 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.4	39.6
141	57.1	47.0	70.4

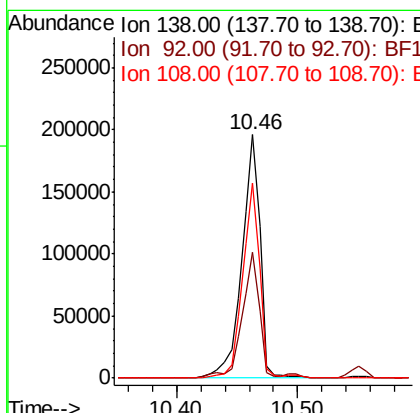
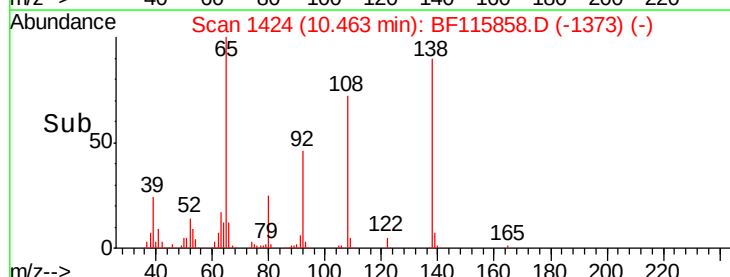
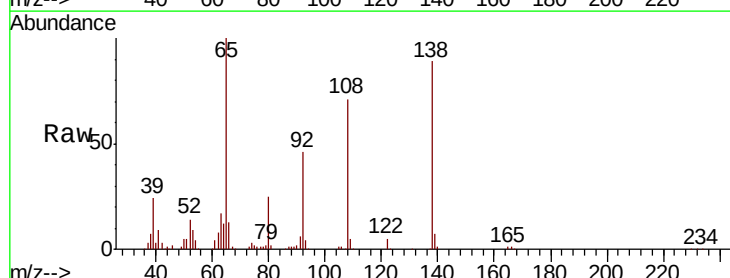
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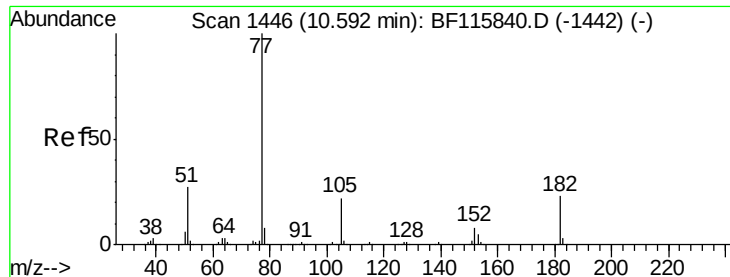
mohammad
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#62
4-Nitroaniline
Concen: 37.031 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.0	71.0
108	80.0	56.7	96.7





#63

Azobenzene

Concen: 42.080 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion: 77 Resp: 810344

Ion Ratio Lower Upper

77 100

182 23.0 2.6 42.6

105 21.9 1.6 41.6

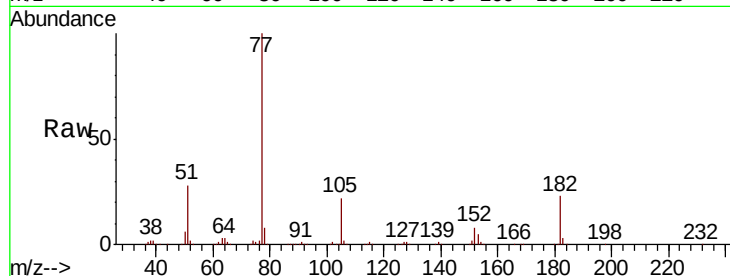
51 27.5 7.4 47.4

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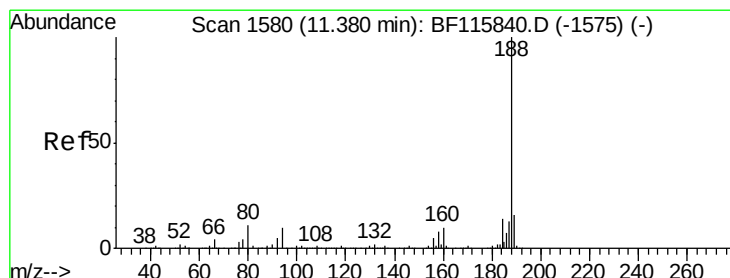
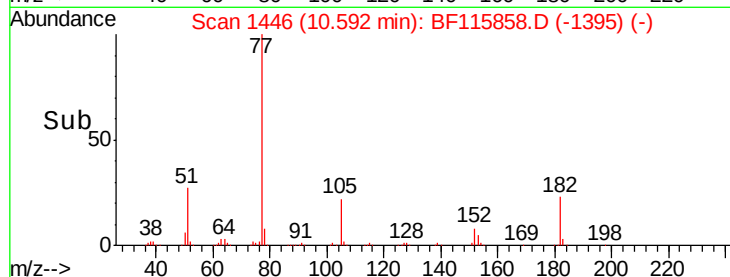
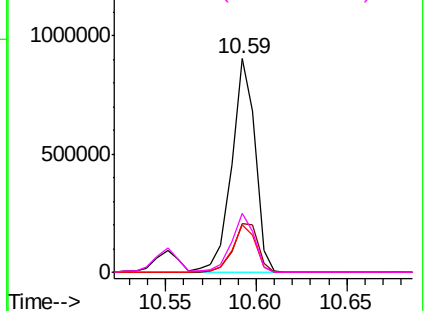


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115858.D

Acq: 31 Jul 2019 11:44

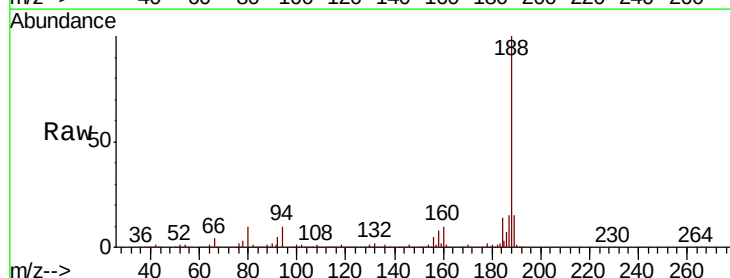
Tgt Ion: 188 Resp: 506339

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

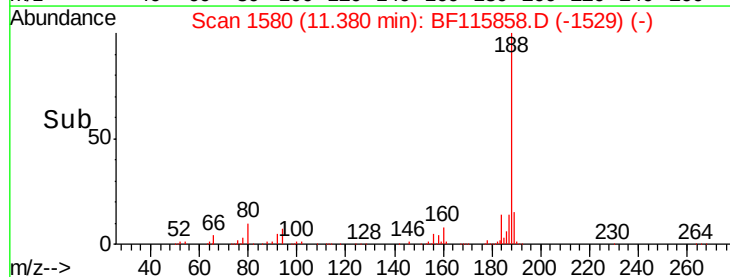
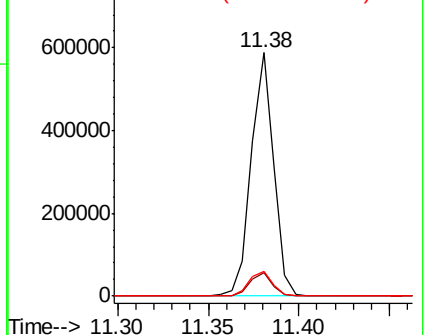
80 10.2 8.6 12.8

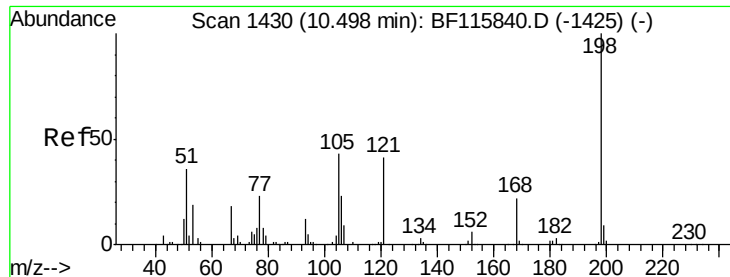


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 45.145 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion:198 Resp: 121135

Ion Ratio Lower Upper

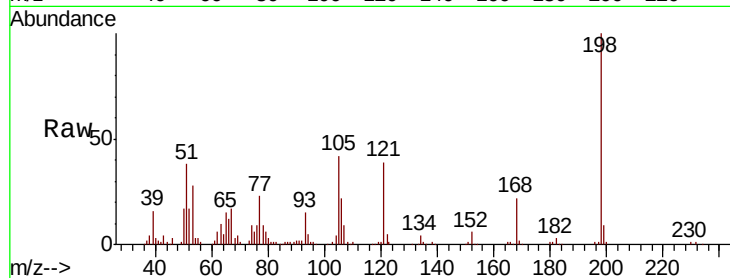
198 100

51 38.3 21.1 61.1

105 42.3 24.5 64.5

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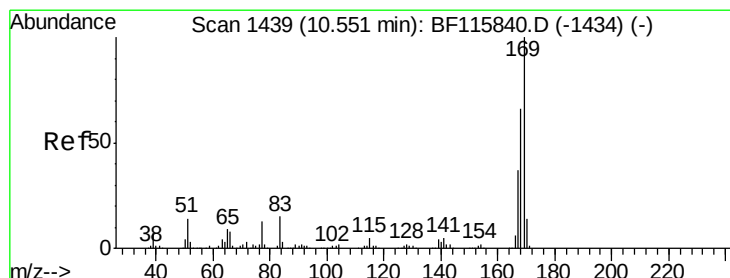
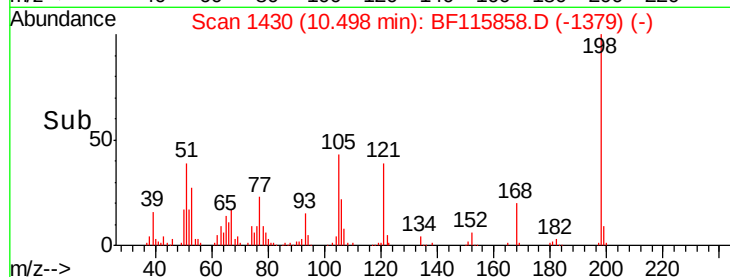
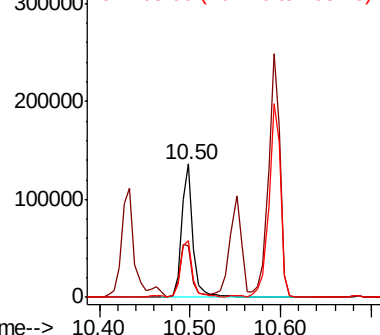
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.643 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

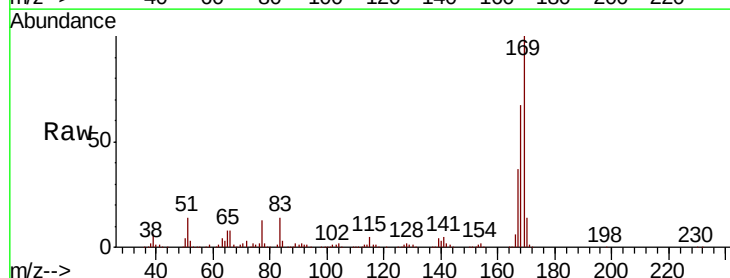
Tgt Ion:169 Resp: 665137

Ion Ratio Lower Upper

169 100

168 67.3 53.0 79.6

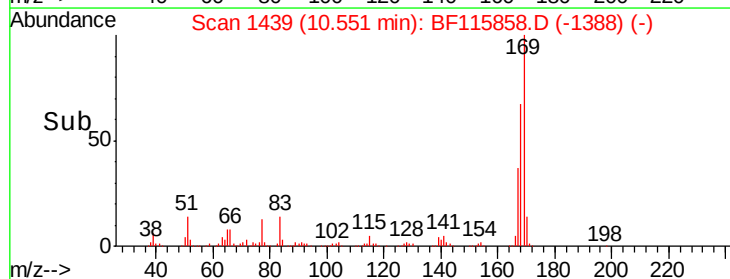
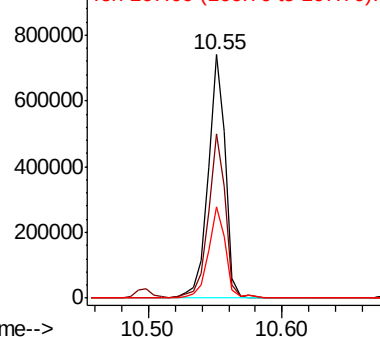
167 37.3 29.9 44.9

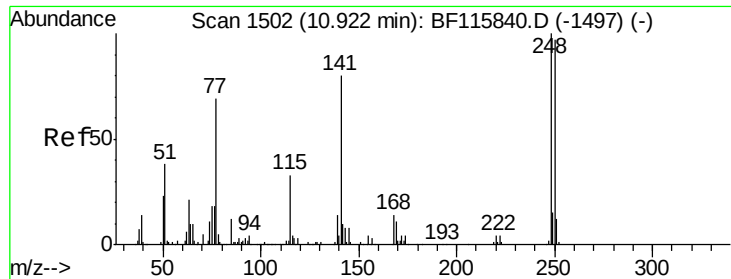


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





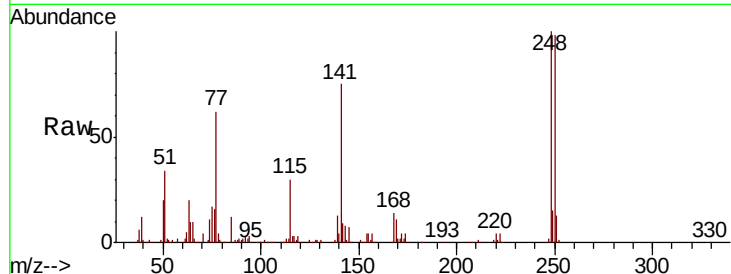
#67
4-Bromophenyl-phenylether
Concen: 41.124 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.6
141	75.3	64.3	96.5

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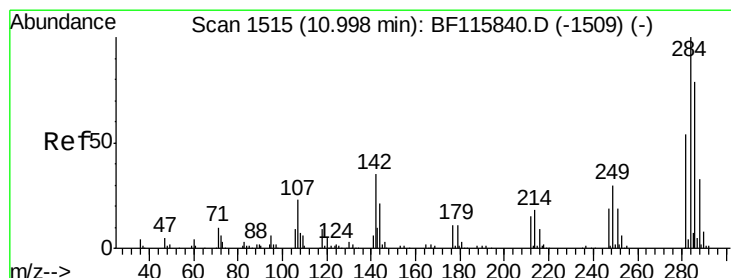
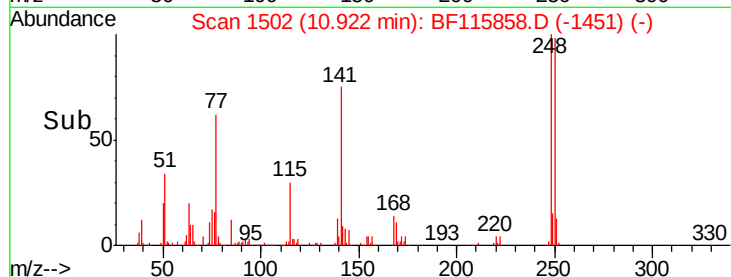
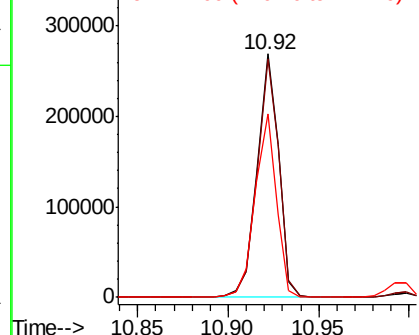


Abundance

Ion 248.00 (247.70 to 248.70): E

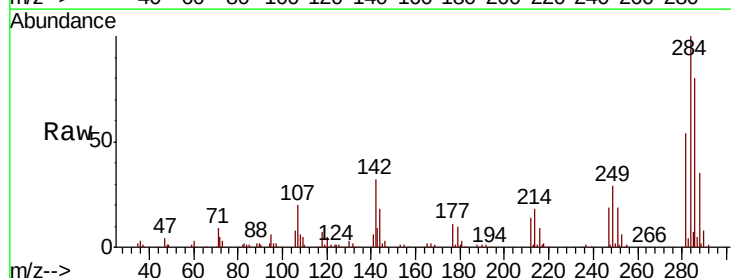
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.720 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	28.2	42.2
249	29.3	24.0	36.0

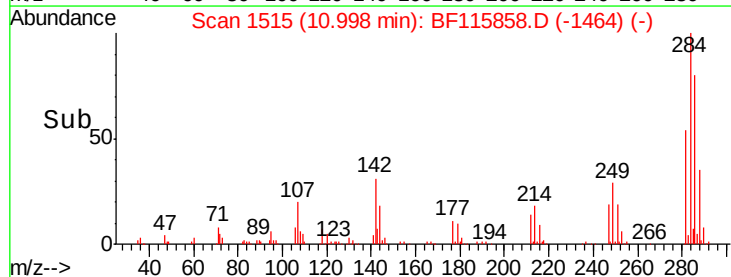
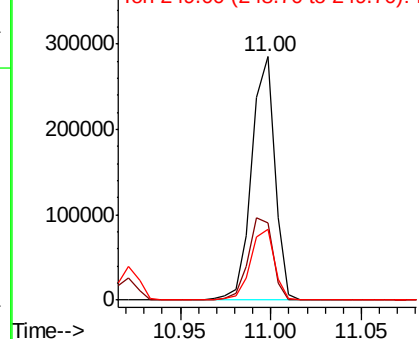


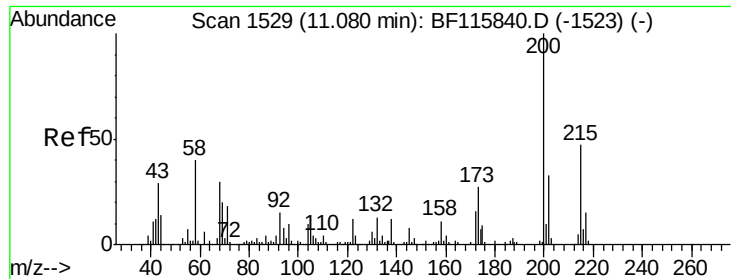
Abundance

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





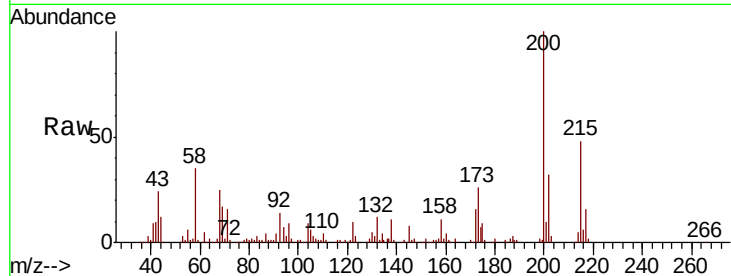
#69
Atrazine
Concen: 40.075 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	200927		
173	25.6	7.3	47.3	
215	47.6	26.9	66.9	

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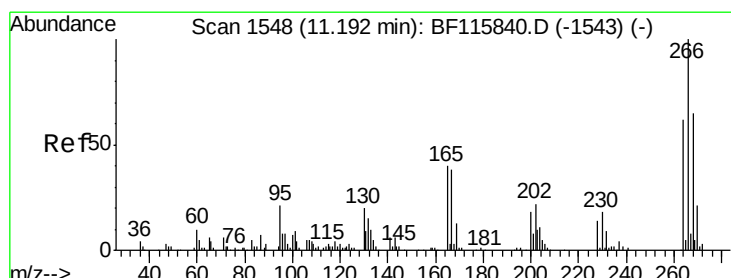
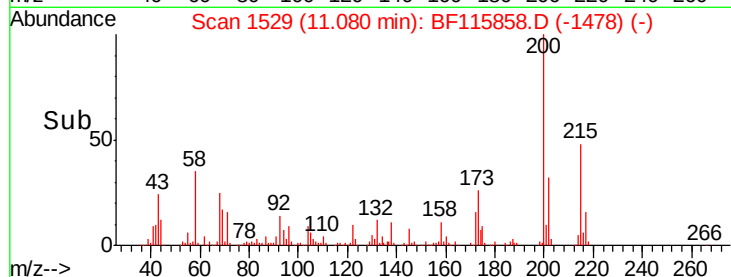
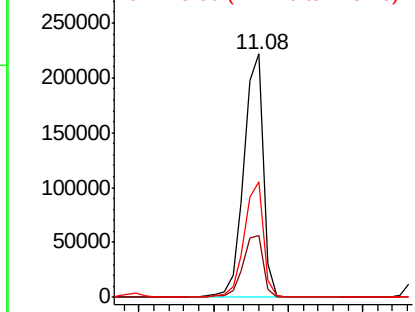


Abundance

Ion 200.00 (199.70 to 200.70): E

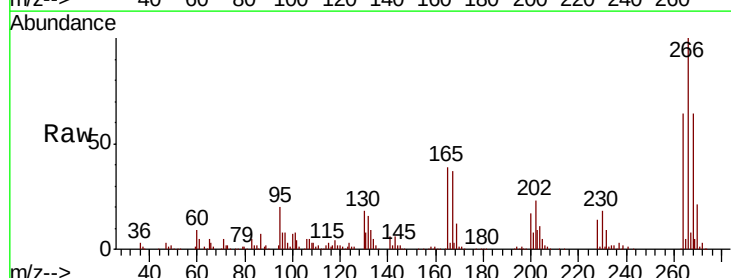
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.497 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	263209		
268	64.4	51.6	77.4	
264	64.2	49.4	74.0	

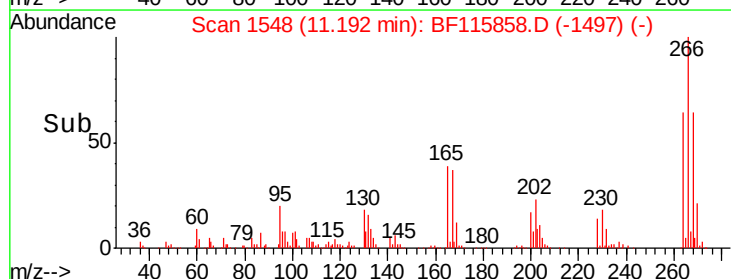
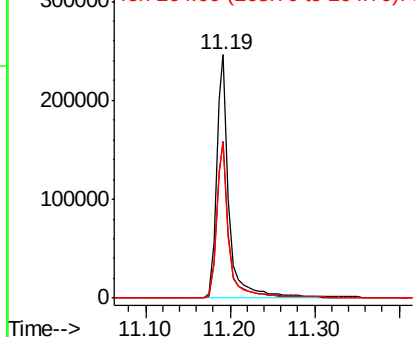


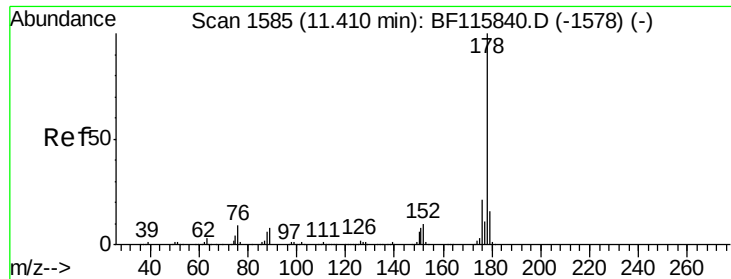
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





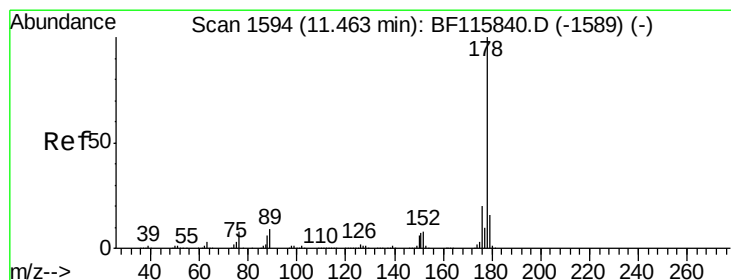
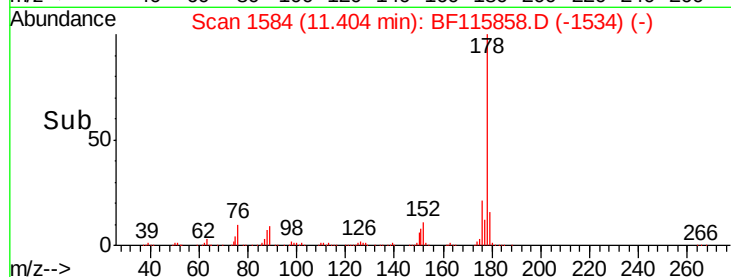
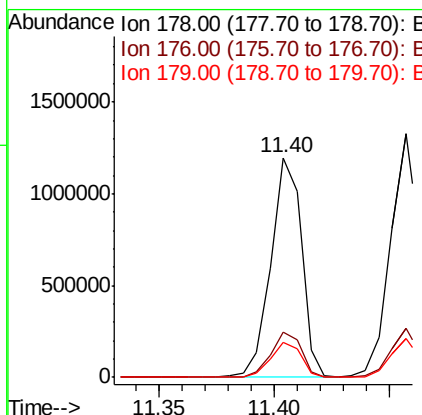
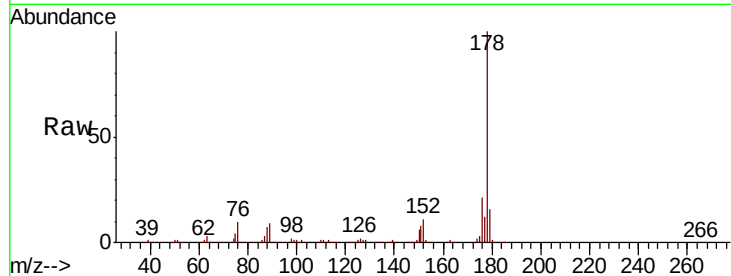
#71
Phenanthrene
Concen: 42.822 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion:178 Resp: 1108461
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.1 12.6 18.8

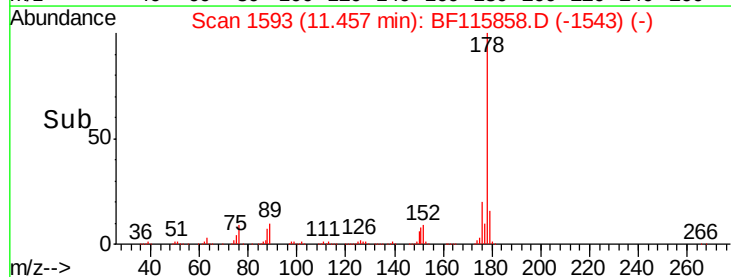
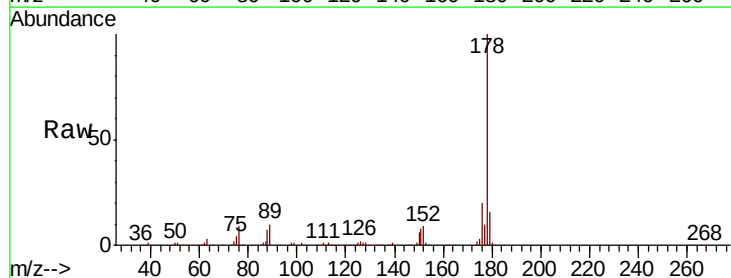
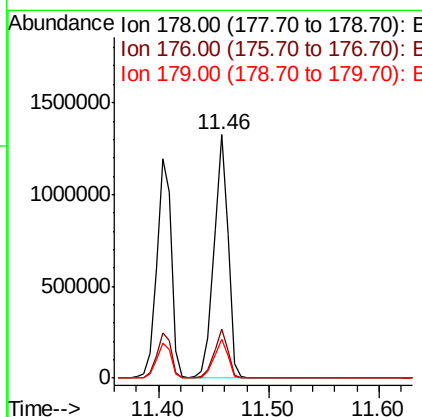
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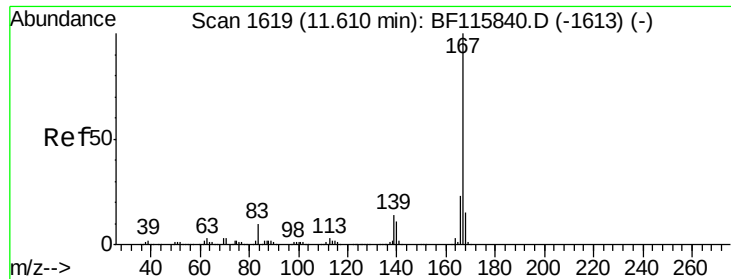
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#72
Anthracene
Concen: 44.286 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:178 Resp: 1160152
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.1 12.4 18.6





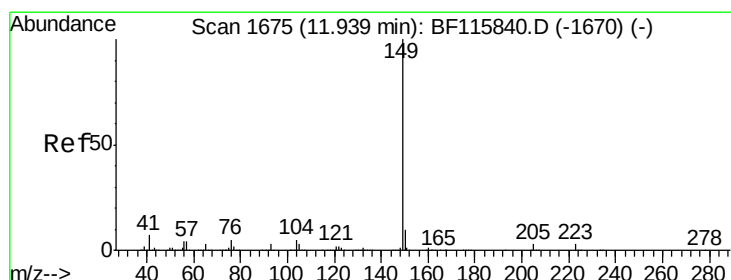
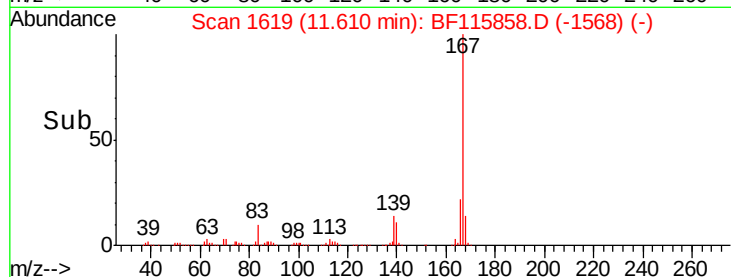
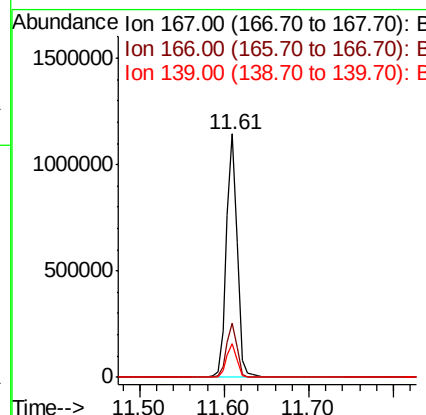
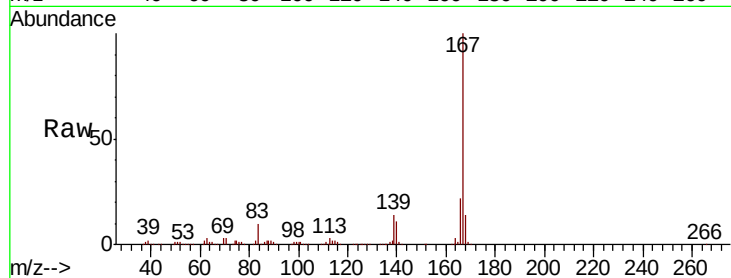
#73
 Carbazole
 Concen: 43.546 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	18.0	27.0	
139	13.9	11.4	17.2	

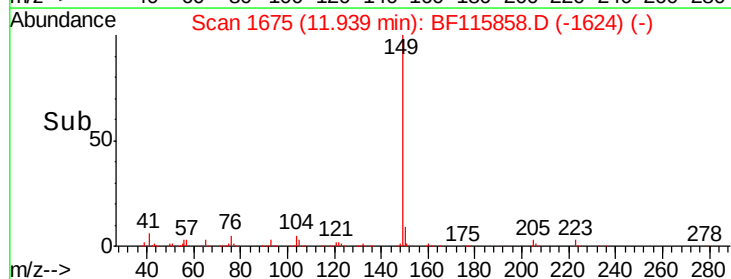
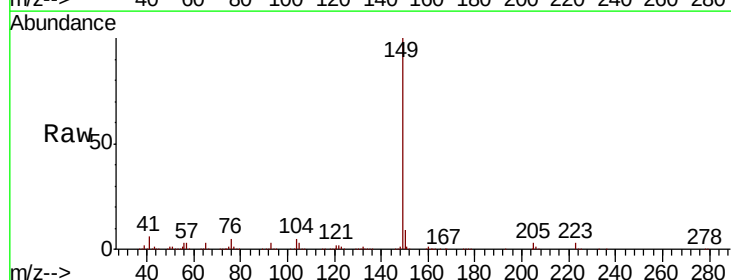
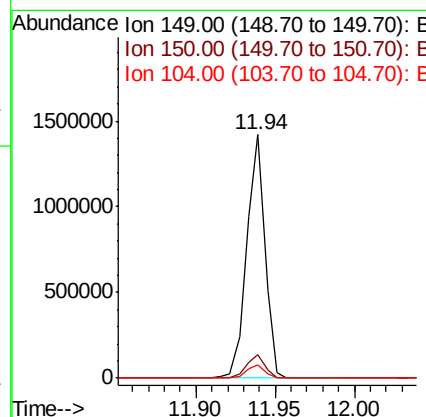
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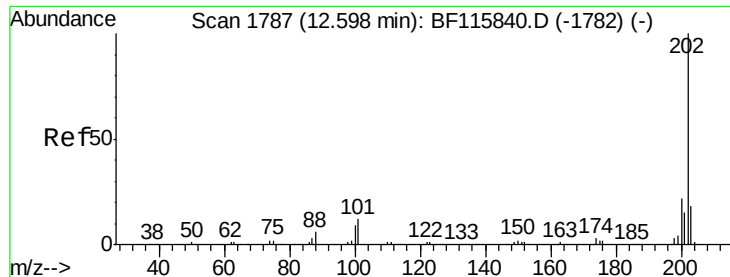
mohammad
 8/1/2019 5:06:20 PM



#74
 Di-n-butylphthalate
 Concen: 40.609 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	7.7	11.5	
104	5.2	4.3	6.5	





#75

Fluoranthene

Concen: 43.613 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion:202 Resp: 1181879

Ion Ratio Lower Upper

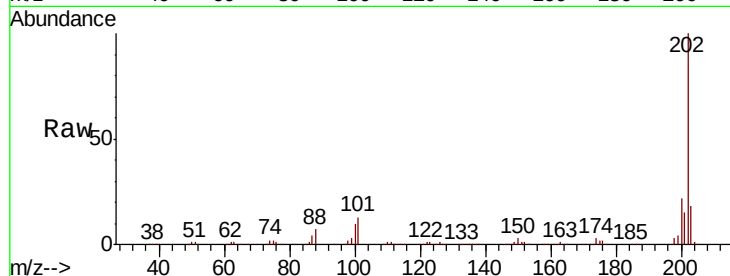
202 100

101 13.2 0.0 31.5

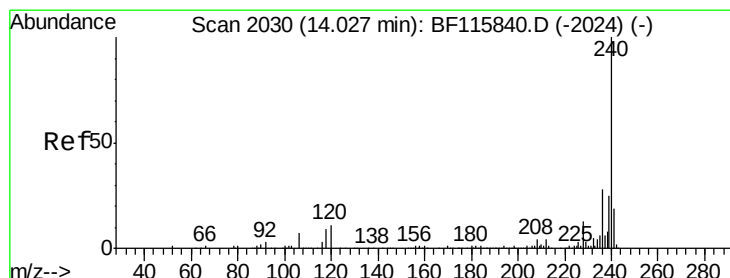
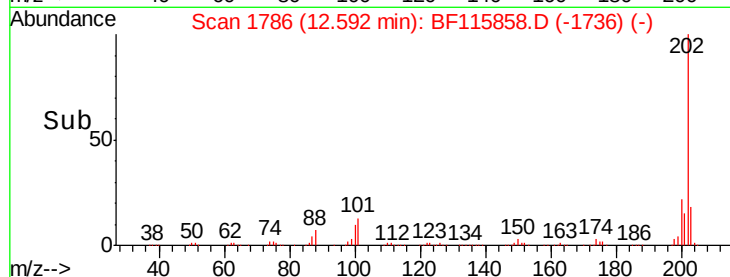
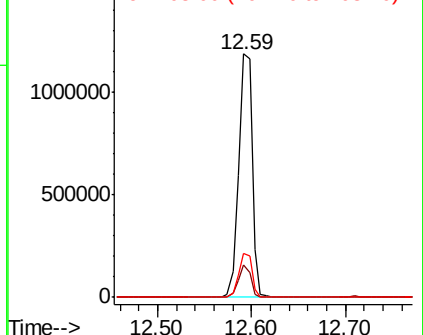
203 18.1 0.0 37.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

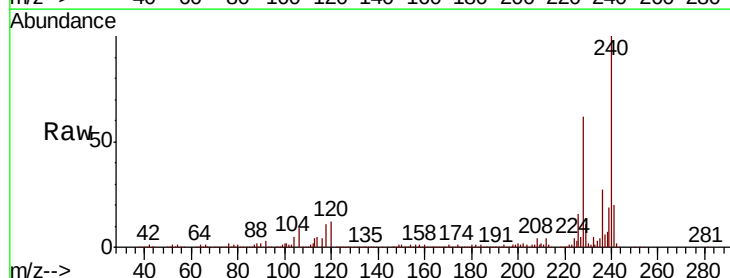
Tgt Ion:240 Resp: 387667

Ion Ratio Lower Upper

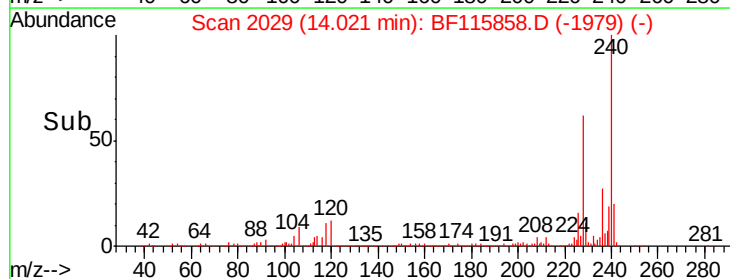
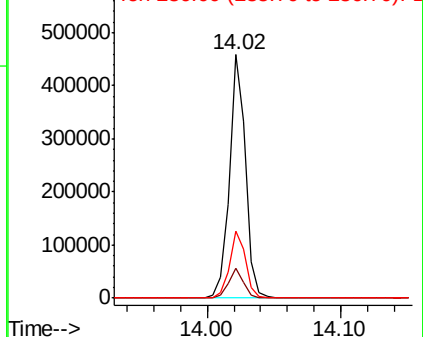
240 100

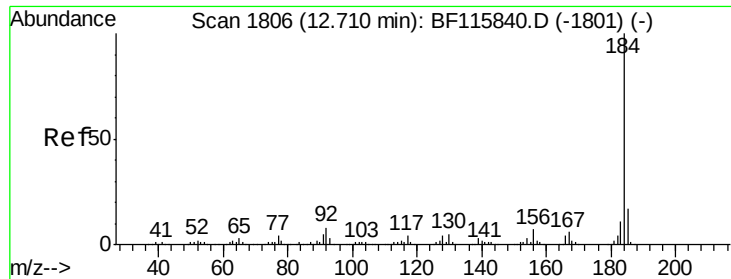
120 12.2 8.5 12.7

236 27.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.495 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121767BSD

Tot Ion:184 Resp: 622038

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.2

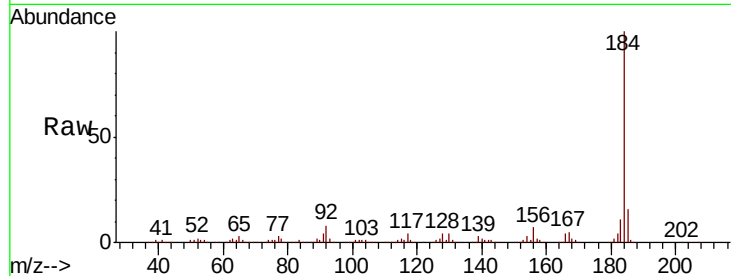
183 11.4 9.1 13.7

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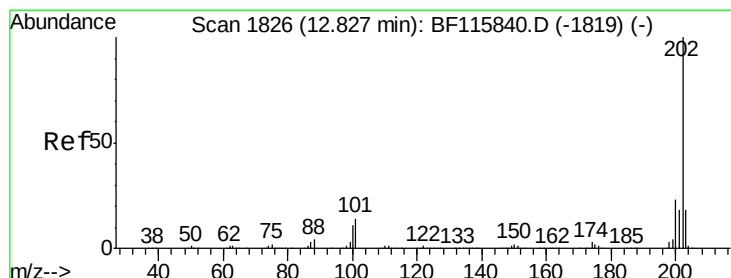
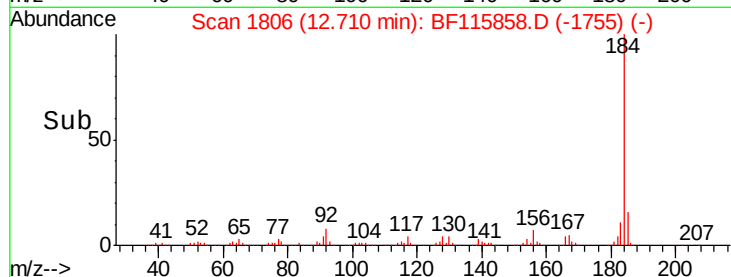
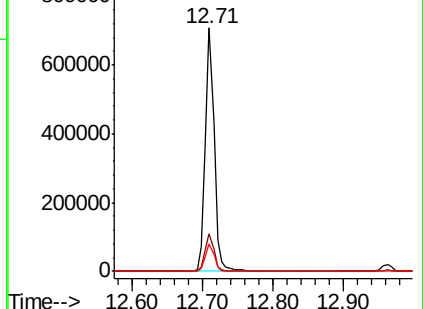
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.150 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

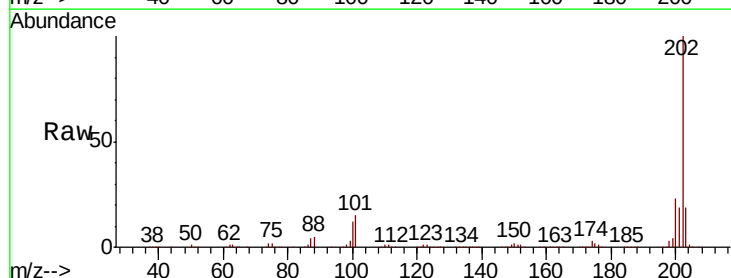
Tgt Ion:202 Resp: 1202525

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

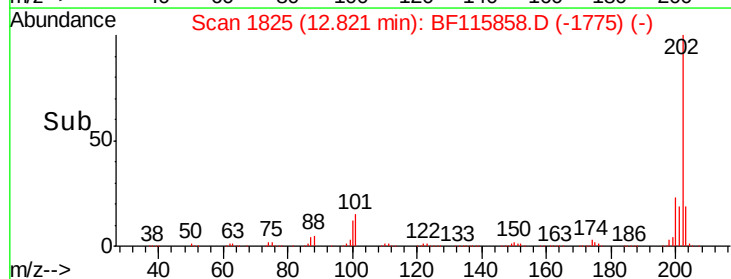
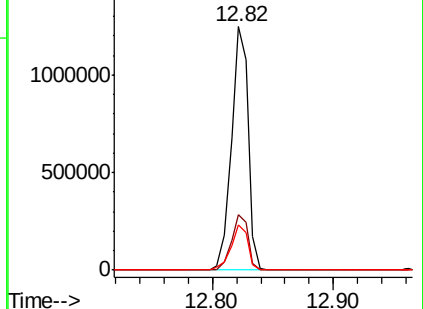
203 18.6 14.3 21.5

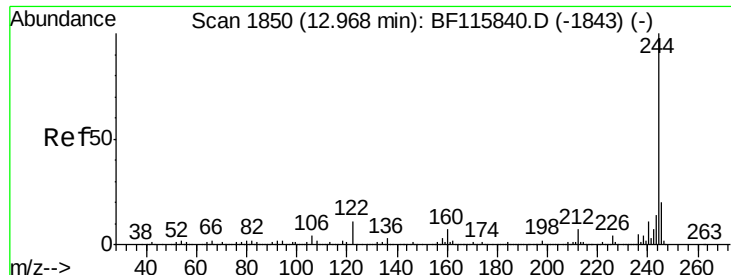


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





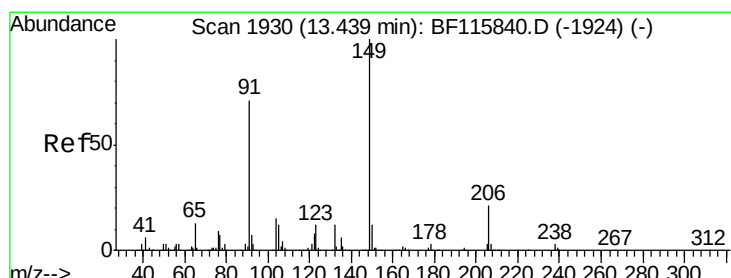
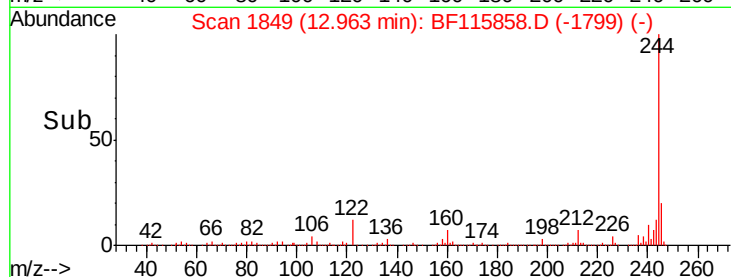
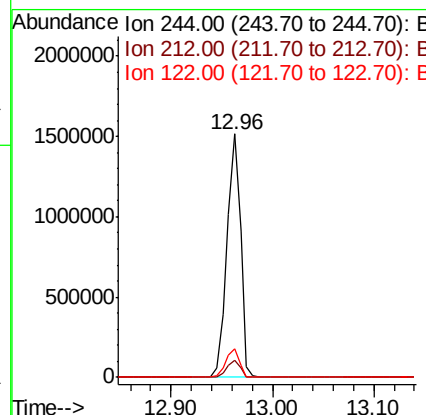
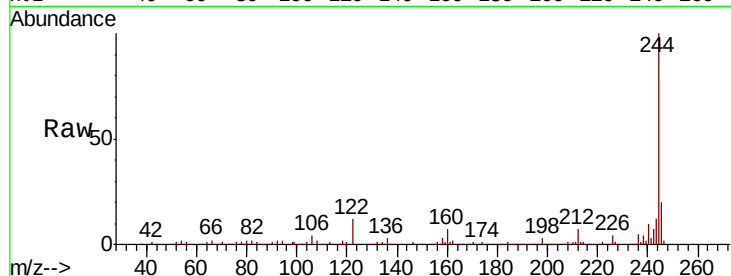
#79
 Terphenyl-d14
 Concen: 76.812 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.7	8.6	13.0

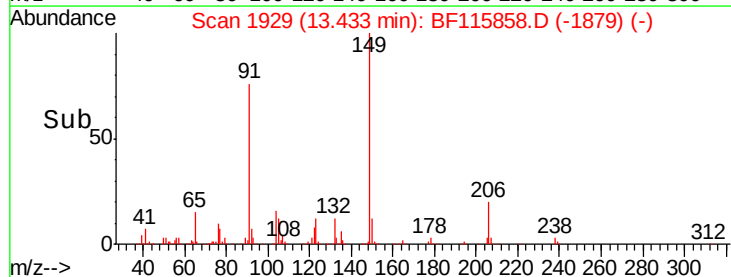
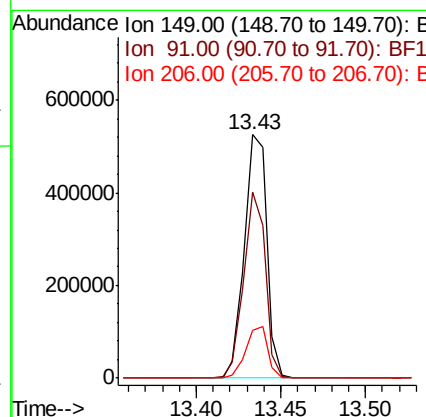
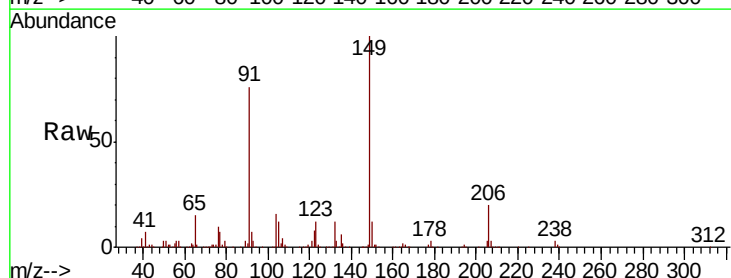
Manual Integrations
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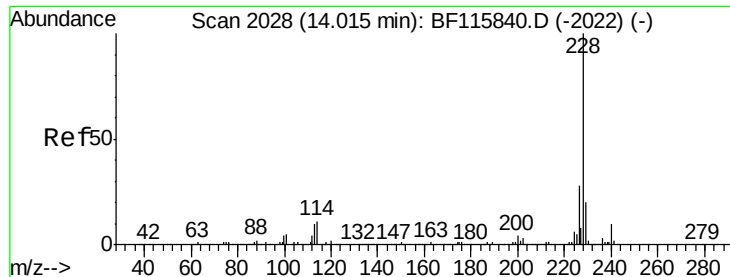
mohammad
 8/1/2019 5:06:20 PM



#80
 Butylbenzylphthalate
 Concen: 39.586 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	57.0	85.6
206	19.5	16.9	25.3





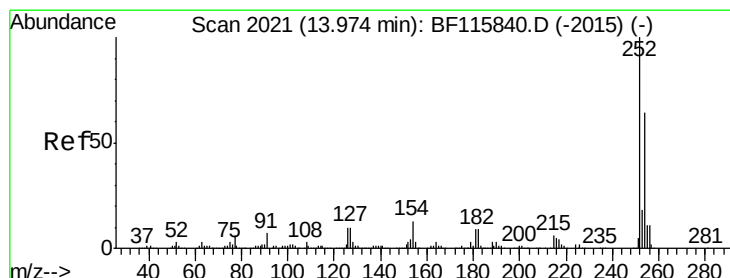
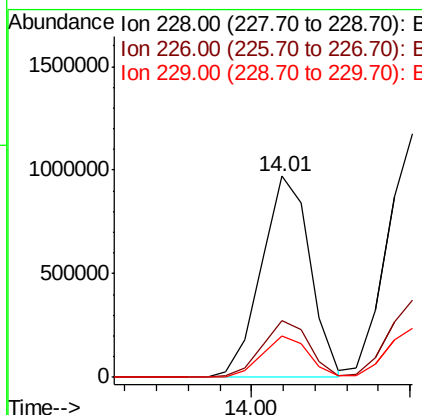
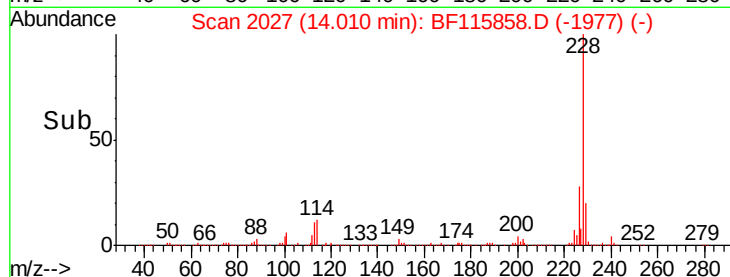
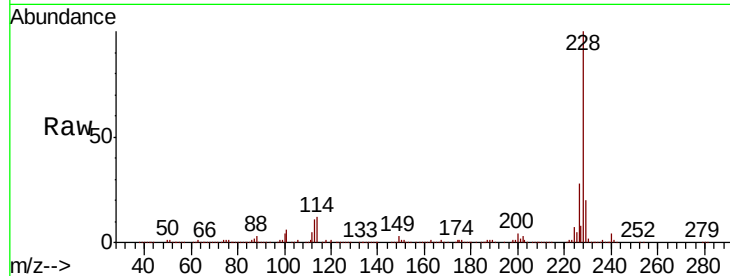
#81
Benzo(a)anthracene
Concen: 41.581 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.5	16.1	24.1

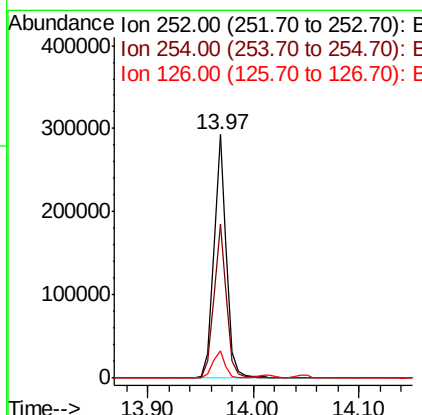
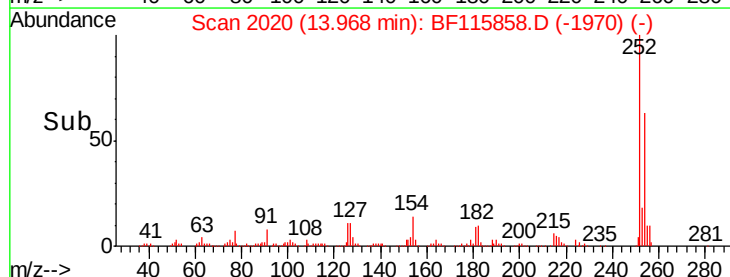
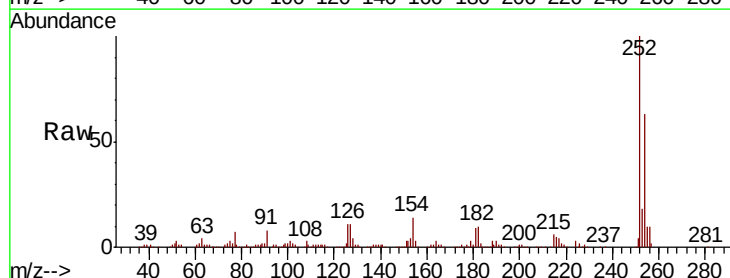
Manual Integrations
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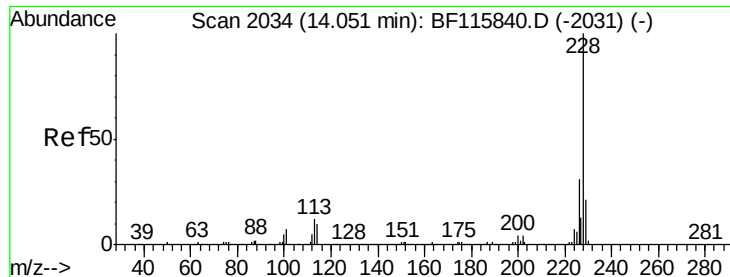
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.865 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.2	76.8
126	11.3	8.1	12.1





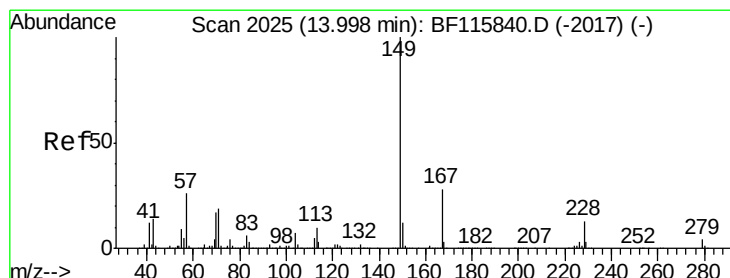
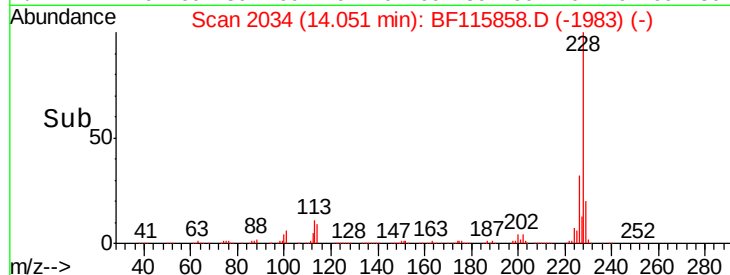
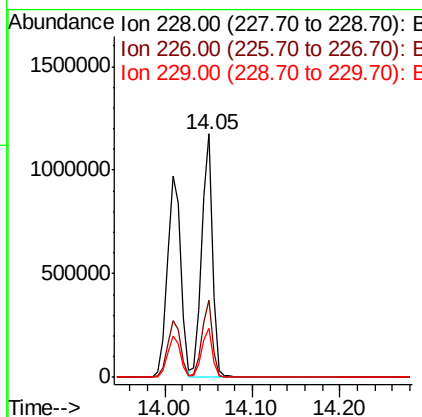
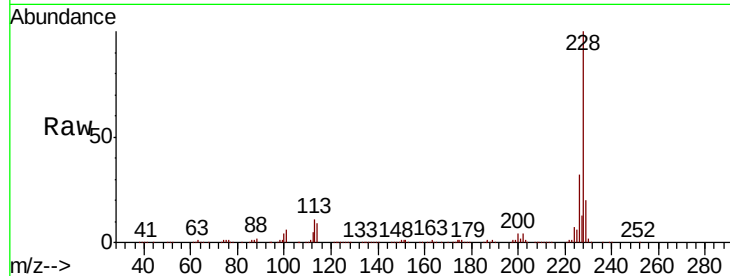
#83
 Chrysene
 Concen: 41.950 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	20.0	16.4	24.6

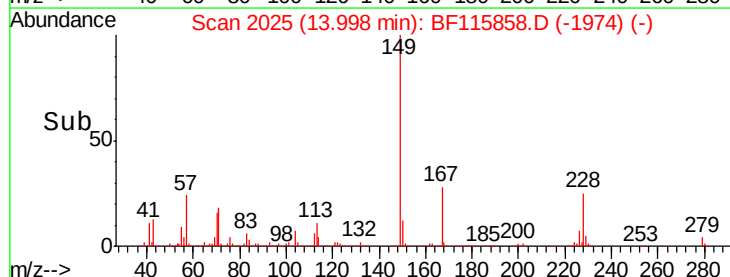
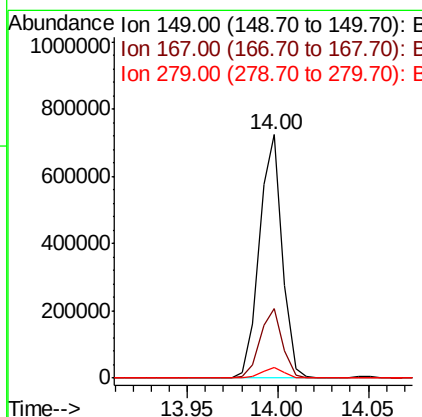
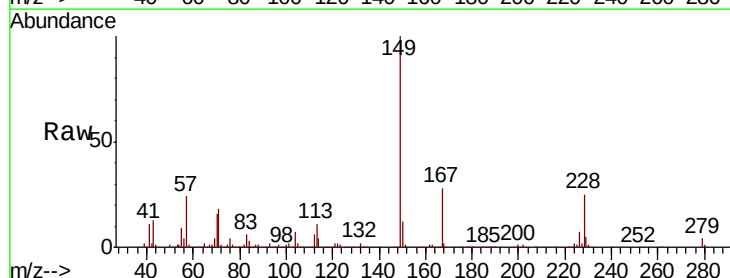
Manual Integrations
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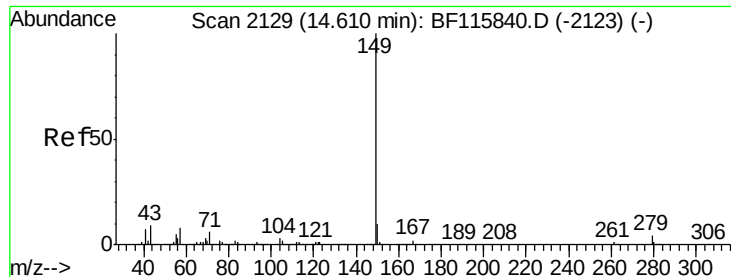
mohammad
 8/1/2019 5:06:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.490 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	4.3	3.3	4.9





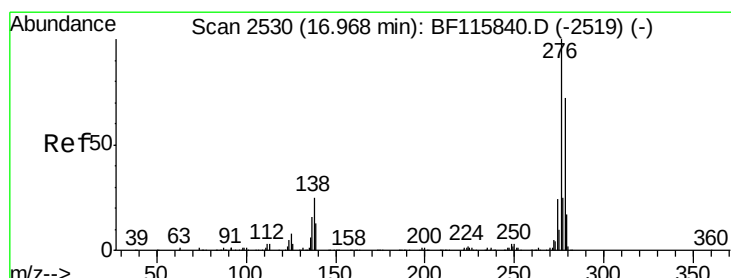
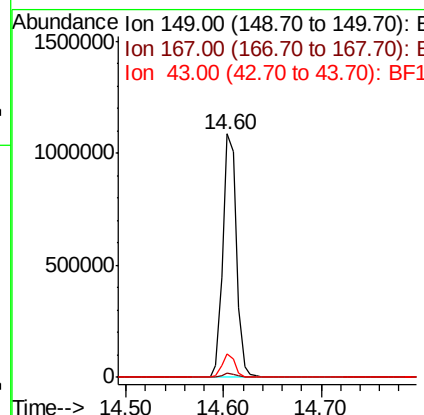
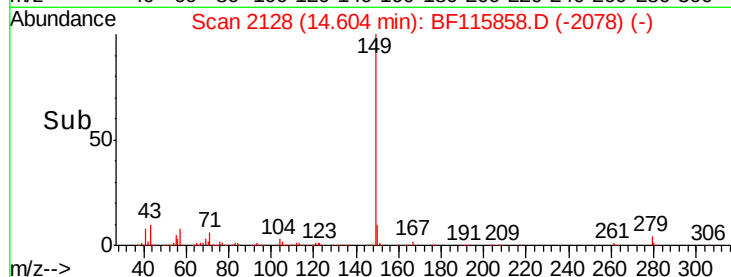
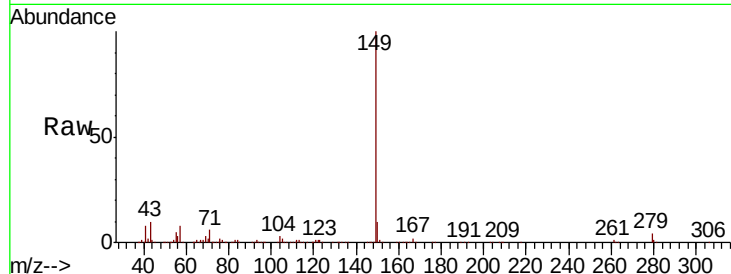
#85
Di-n-octyl phthalate
Concen: 41.412 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.4	11.0

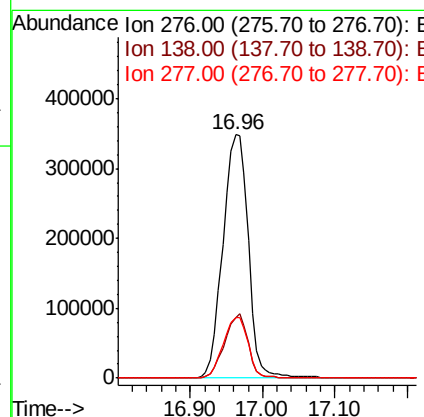
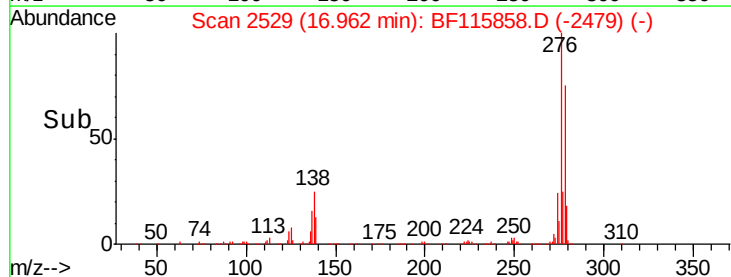
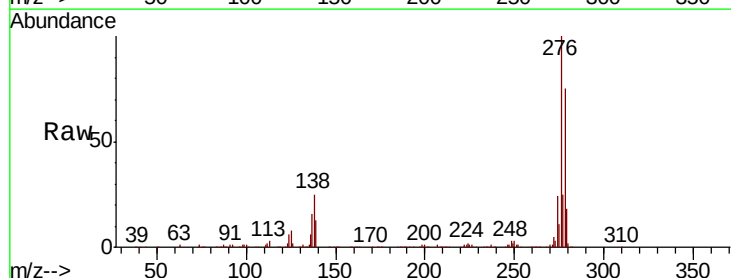
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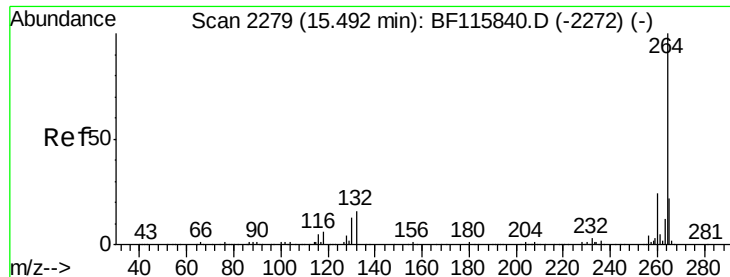
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.909 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.6	29.4
277	24.9	20.1	30.1





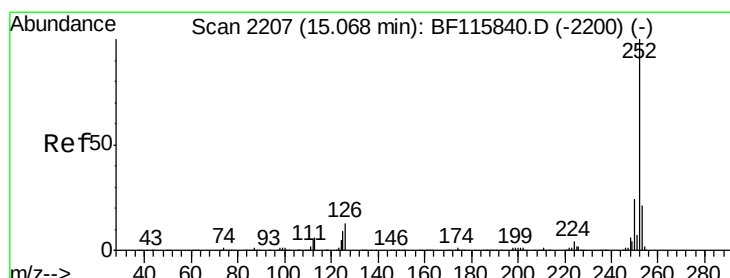
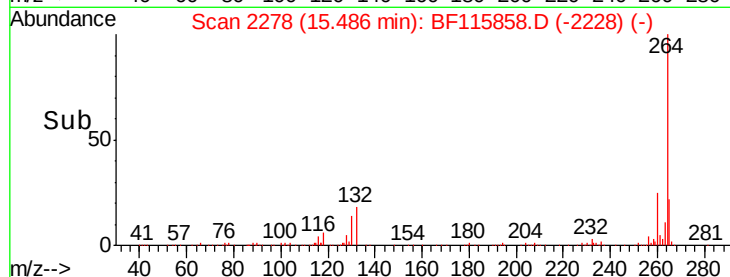
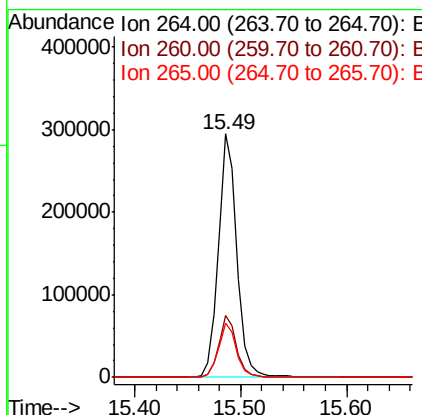
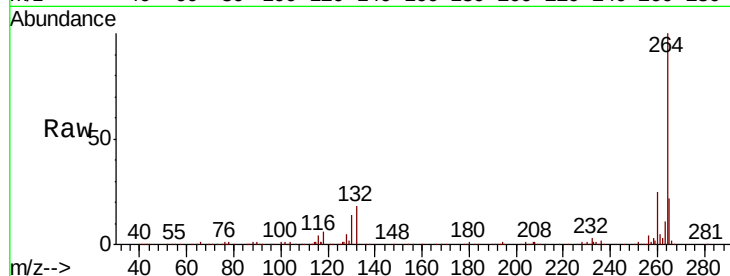
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.1	17.5	26.3

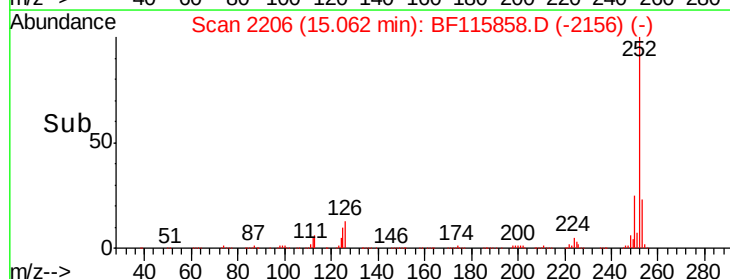
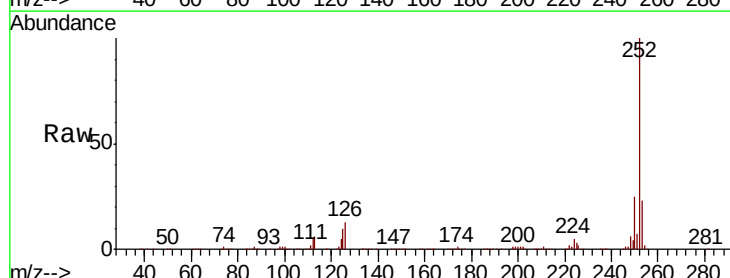
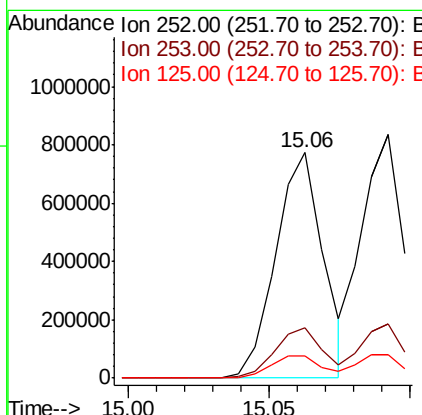
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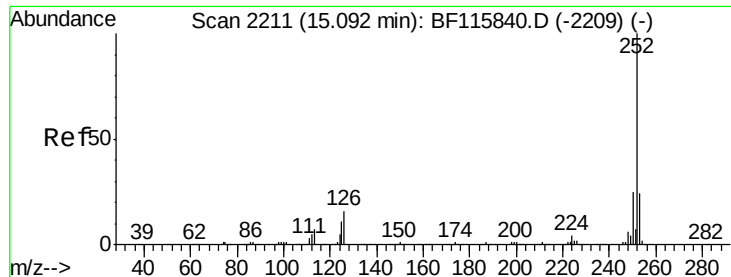
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.768 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.1	7.4	11.0





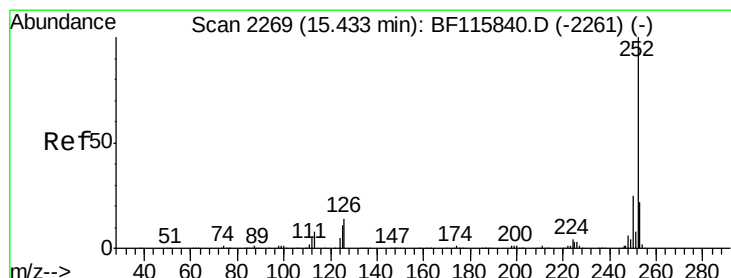
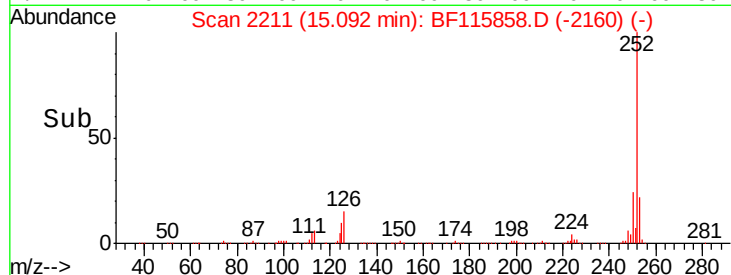
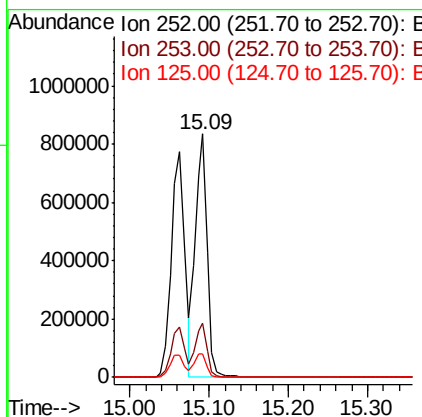
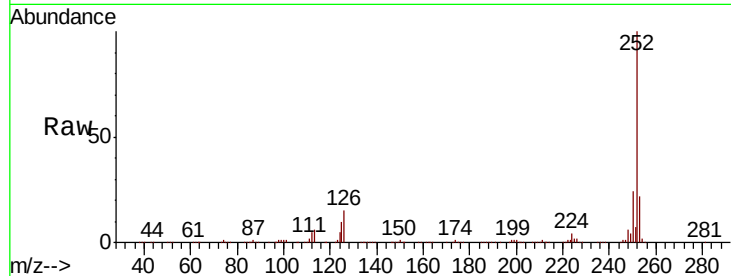
#89
Benzo(k)fluoranthene
Concen: 42.739 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.9	8.9	13.3

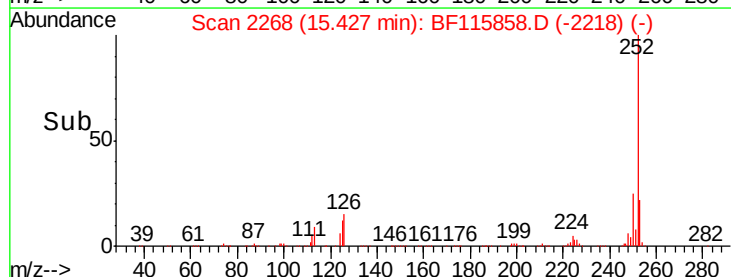
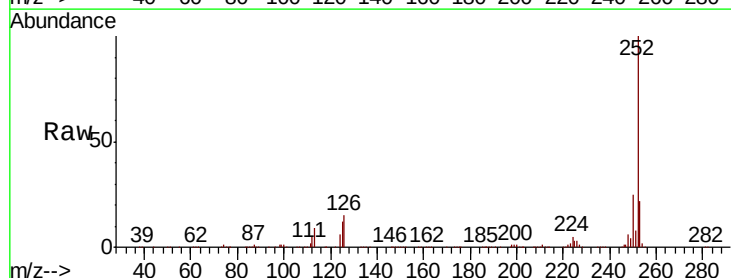
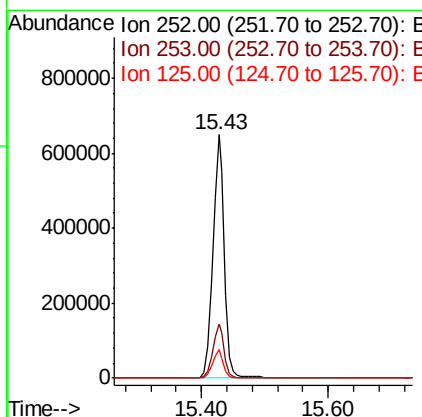
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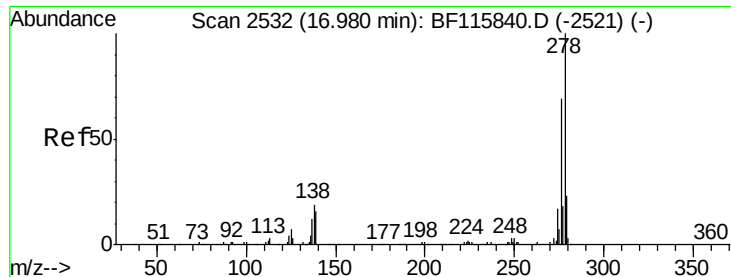
mohammad
8/1/2019 5:06:20 PM



#90
Benzo(a)pyrene
Concen: 44.696 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.7	8.8	13.2





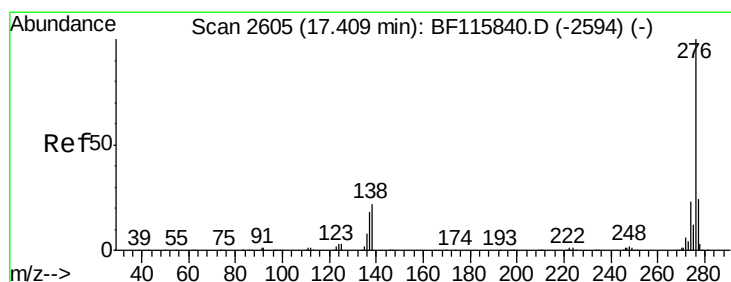
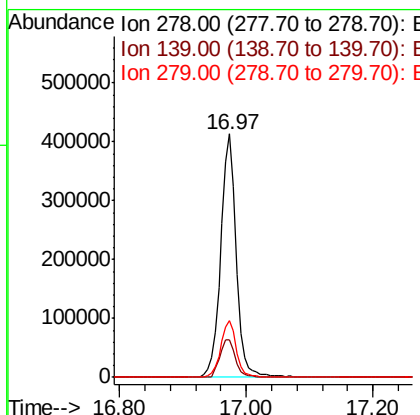
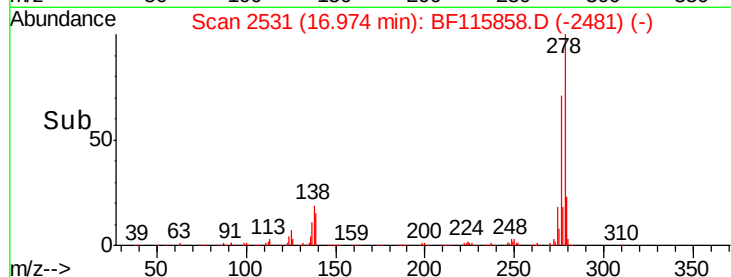
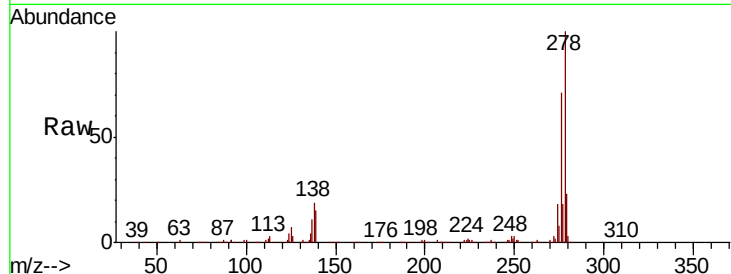
#91
Dibenzo(a,h)anthracene
Concen: 43.546 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	23.3	18.8	28.2

Manual Integrations
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8/1/2019 5:06:20 PM



#92
Benzo(g,h,i)perylene
Concen: 43.767 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	21.5	17.8	26.8

