

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115895.D
 Acq On : 1 Aug 2019 9:36
 Operator : HP/JU
 Sample : PB121854BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Manual Integrations
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mohammad
 8/5/2019 1:47:44 PM

Quant Time: Aug 01 13:50:26 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	6.86	152	145938	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	599757	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	329267	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	574346	20.00	ng	0.00
76) Chrysene-d12	14.03	240	406286	20.00	ng	0.00
87) Perylene-d12	15.50	264	359496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1015029	116.43	ng	0.02
7) Phenol-d6	6.50	99	1284017	116.74	ng	0.01
23) Nitrobenzene-d5	7.42	82	844290	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	374025	117.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1481954	84.30	ng	0.00
79) Terphenyl-d14	12.97	244	1631218	84.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	181509	41.214	ng	98
3) Pyridine	3.46	79	479133	38.946	ng	99
4) n-Nitrosodimethylamine	3.41	42	208655	42.978	ng	96
6) Aniline	6.52	93	519057	32.953	ng	# 79
8) 2-Chlorophenol	6.65	128	445906	46.256	ng	98
9) Benzaldehyde	6.40	77	259523	34.197	ng	98
10) Phenol	6.51	94	552354	42.646	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	431063	45.267	ng	97
12) 1,3-Dichlorobenzene	6.80	146	472535	42.415	ng	99
13) 1,4-Dichlorobenzene	6.87	146	480393	43.066	ng	98
14) 1,2-Dichlorobenzene	7.03	146	442211	43.053	ng	99
15) Benzyl Alcohol	7.00	79	389349	46.646	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	565192	43.514	ng	94
17) 2-Methylphenol	7.12	107	379987	46.552	ng	98
18) Hexachloroethane	7.37	117	178028	43.348	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	304783	44.718	ng	98
20) 3+4-Methylphenols	7.26	107	446596	46.234	ng	# 87
22) Acetophenone	7.26	105	596189	45.326	ng	97
24) Nitrobenzene	7.44	77	492999	43.943	ng	95
25) Isophorone	7.67	82	897007	45.149	ng	99
26) 2-Nitrophenol	7.75	139	246493	46.610	ng	97
27) 2,4-Dimethylphenol	7.79	122	406634	51.108	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	546813	44.405	ng	100
29) 2,4-Dichlorophenol	8.00	162	384740	45.798	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	416023	43.443	ng	99
31) Naphthalene	8.16	128	1275236	45.184	ng	100
32) Benzoic acid	7.94	122	243134	43.343	ng	100
33) 4-Chloroaniline	8.20	127	353090	28.000	ng	98
34) Hexachlorobutadiene	8.27	225	232455	42.143	ng	99
35) Caprolactam	8.59	113	121178m	44.599	ng	
36) 4-Chloro-3-methylphenol	8.70	107	409683	46.877	ng	96
37) 2-Methylnaphthalene	8.86	142	857387	46.127	ng	99
38) 1-Methylnaphthalene	8.96	142	801765	45.595	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	392038	44.536	ng	99

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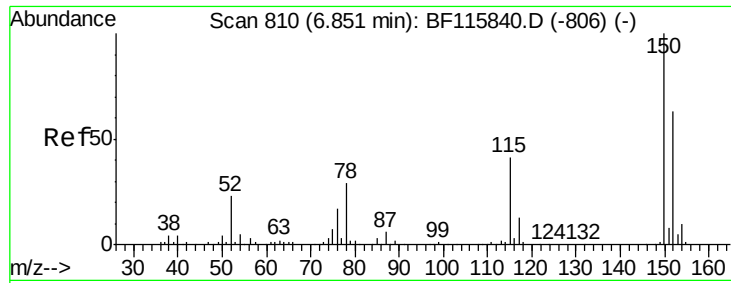
Manual Integrations
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 8/5/2019 1:47:44 PM

Quant Time: Aug 01 13:50:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	275286	70.427	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	263803	43.539	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	281036	44.871	nq	96
46) 1,1'-Biphenyl	9.32	154	1028780	44.256	nq	99
47) 2-Chloronaphthalene	9.35	162	825938	42.689	nq	99
48) 2-Nitroaniline	9.44	65	267195	41.781	nq	90
49) Acenaphthylene	9.76	152	1251075	44.323	nq	99
50) Dimethylphthalate	9.62	163	978093	43.627	nq	100
51) 2,6-Dinitrotoluene	9.69	165	221365	45.435	nq	99
52) Acenaphthene	9.93	154	750910	43.364	nq	100
53) 3-Nitroaniline	9.85	138	186189	30.928	nq	92
54) 2,4-Dinitrophenol	9.97	184	173922	71.144	nq	95
55) Dibenzofuran	10.10	168	1120114	44.480	nq	97
56) 4-Nitrophenol	10.03	139	321303	83.315	nq	98
57) 2,4-Dinitrotoluene	10.09	165	288586	44.488	nq	92
58) Fluorene	10.45	166	847543	43.744	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	238459	45.254	nq	99
60) Diethylphthalate	10.32	149	927570	44.315	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	431594	43.984	nq	97
62) 4-Nitroaniline	10.47	138	239756	38.537	nq	99
63) Azobenzene	10.60	77	966806	44.907	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	138237	45.418	nq	93
66) n-Nitrosodiphenylamine	10.56	169	784257	45.366	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	270104	43.931	nq	97
68) Hexachlorobenzene	11.00	284	302623	42.565	nq	99
69) Atrazine	11.09	200	252521	44.402	nq	98
70) Pentachlorophenol	11.20	266	309121	89.556	nq	98
71) Phenanthrene	11.42	178	1284754	43.756	nq	100
72) Anthracene	11.46	178	1324374	44.569	nq	98
73) Carbazole	11.62	167	1172803	43.503	nq	100
74) Di-n-butylphthalate	11.95	149	1423532	45.264	nq	100
75) Fluoranthene	12.60	202	1357456	44.161	nq	100
77) Benzidine	12.72	184	571338	41.624	nq	97
78) Pyrene	12.83	202	1387882	45.316	nq	100
80) Butylbenzylphthalate	13.44	149	614023	47.396	nq	96
81) Benzo(a)anthracene	14.02	228	1131359	43.567	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	313637	34.764	nq	# 99
83) Chrysene	14.06	228	1094655	43.419	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	837181	49.728	nq	100
85) Di-n-octyl phthalate	14.61	149	1303488	48.746	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	867873	40.986	nq	99
88) Benzo(b)fluoranthene	15.07	252	1014797	48.820	nq	98
89) Benzo(k)fluoranthene	15.10	252	906857	44.791	nq	98
90) Benzo(a)pyrene	15.44	252	895036	48.168	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	723462	44.979	nq	100
92) Benzo(g,h,i)perylene	17.43	276	722418	45.733	nq	98

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



#1

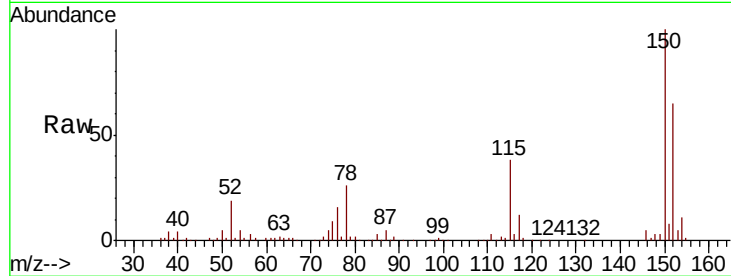
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	58.7	51.8	77.8

Manual Integrations
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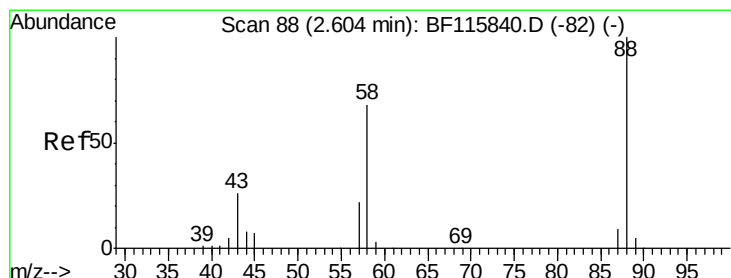
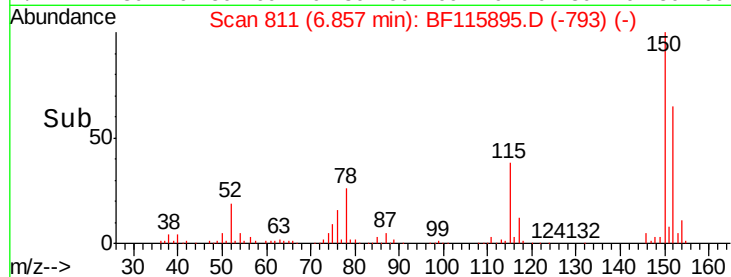
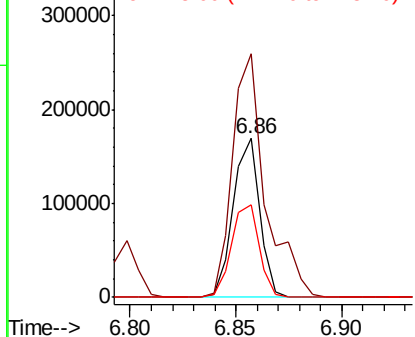


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

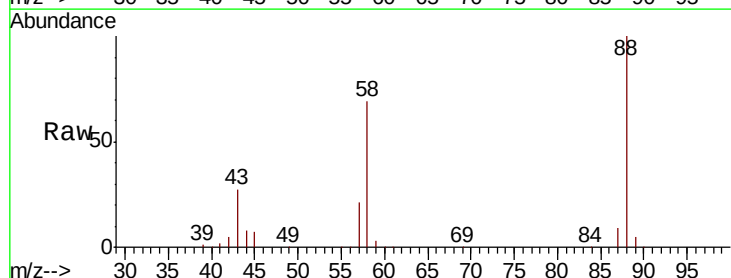
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.214 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	54.1	81.1
43	26.0	20.7	31.1

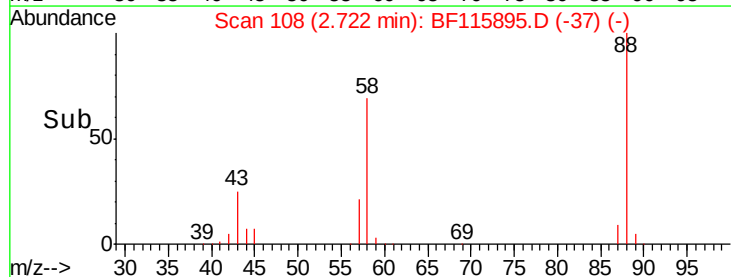
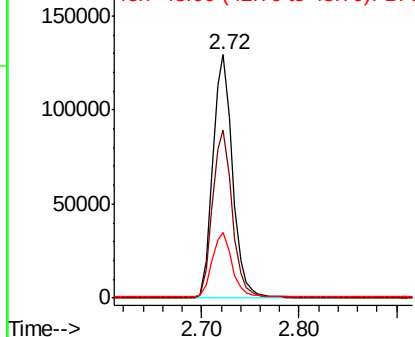


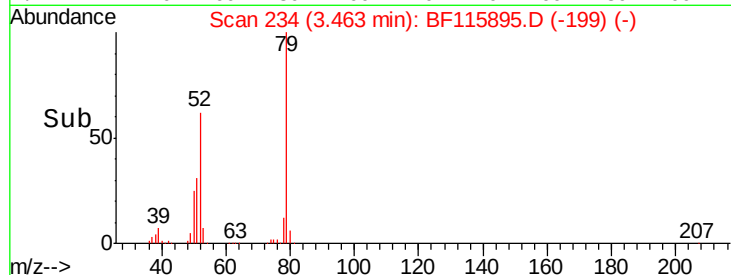
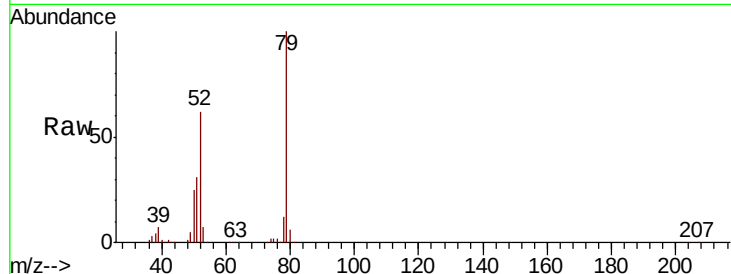
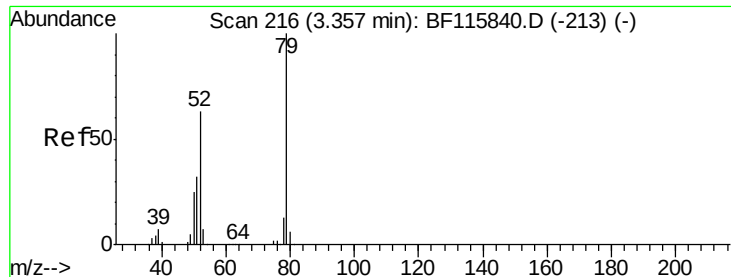
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





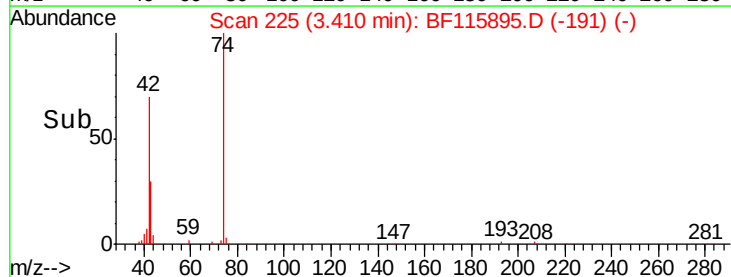
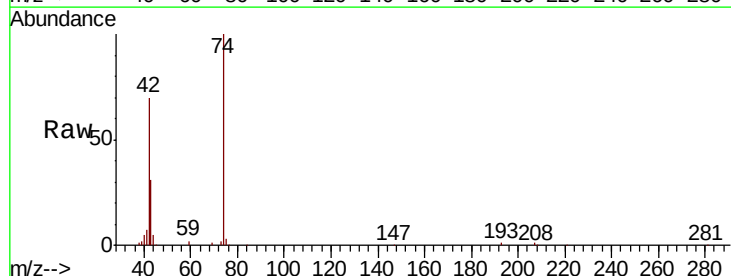
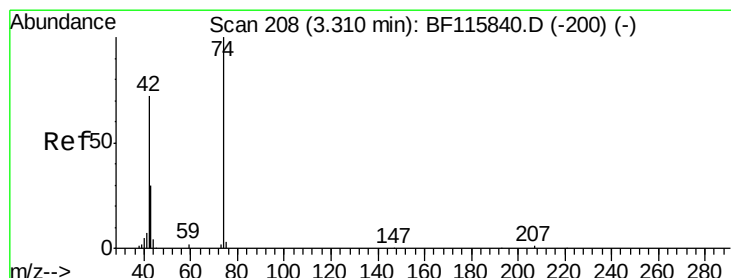
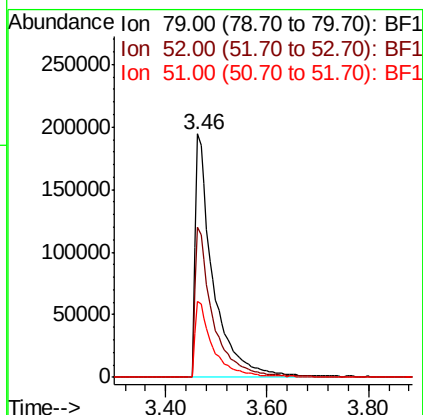
#3
 Pvrindine
 Concen: 38.946 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.11 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.7	50.2	75.4
51	31.3	25.8	38.6

Instrument :
 BNA_F
 ClientSampled :
 PB121854BS

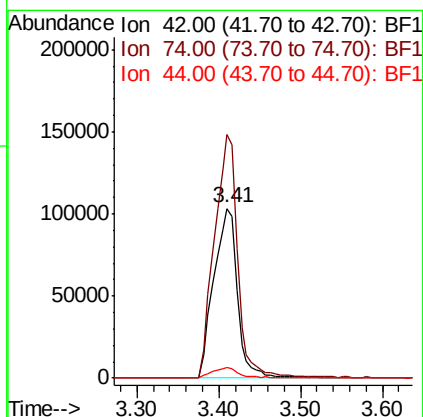
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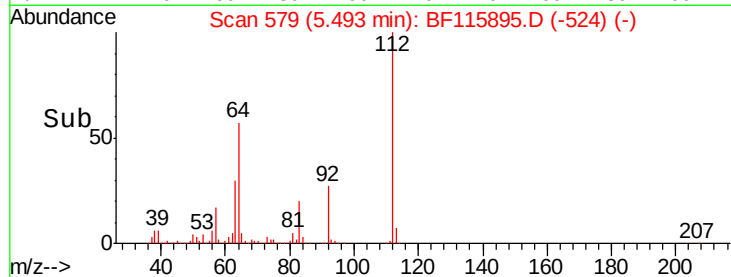
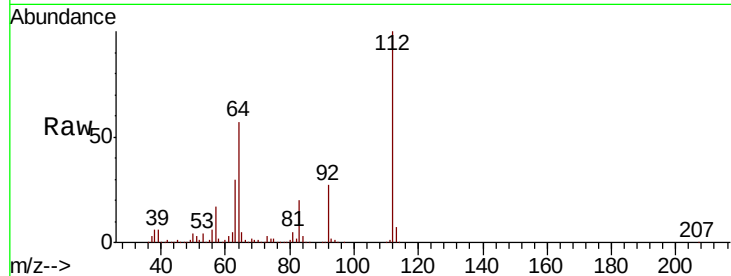
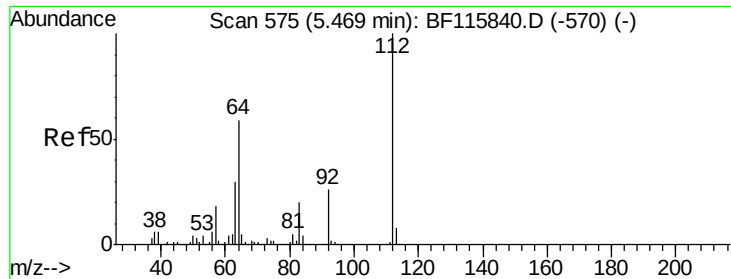
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#4
 n-Nitrosodimethylamine
 Concen: 42.978 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.10 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.7	111.0	166.4
44	6.5	4.7	7.1





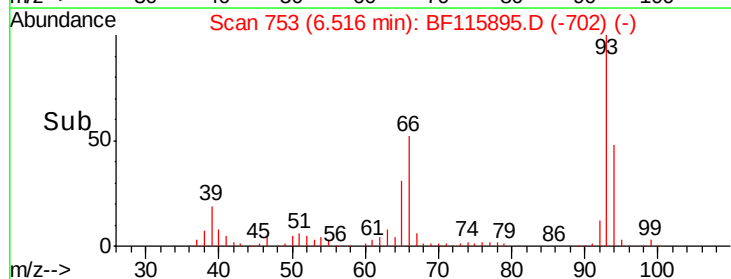
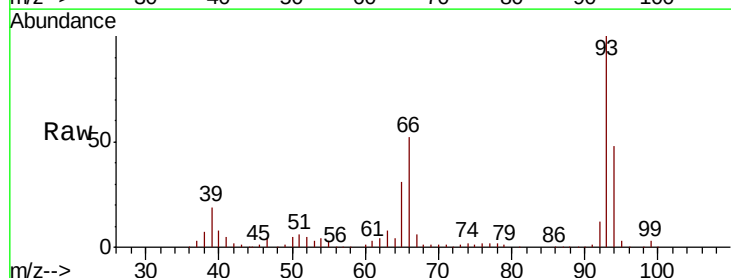
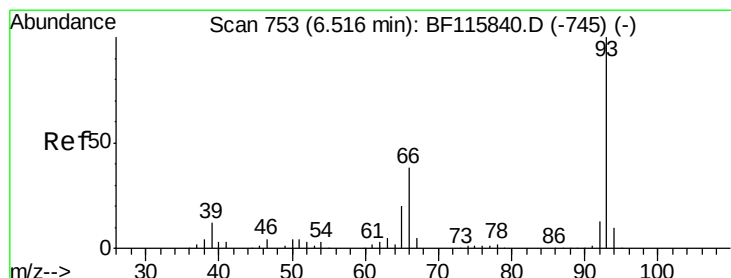
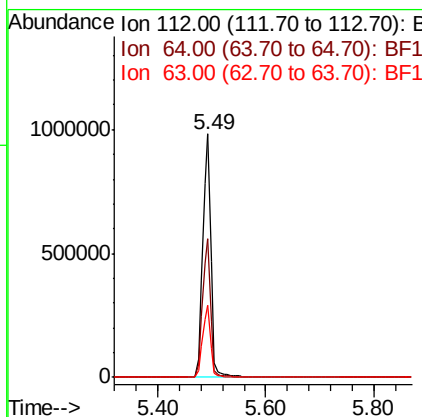
#5
2-Fluorophenol
Concen: 116.434 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tot Ion: 112 Resp: 1015029
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.7 24.2 36.2

Instrument :
BNA_F
ClientSampleId :
PB121854BS

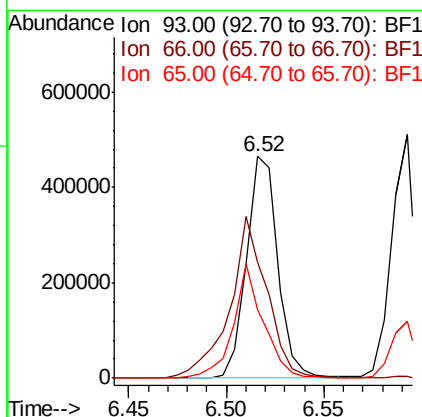
Manual Integrations
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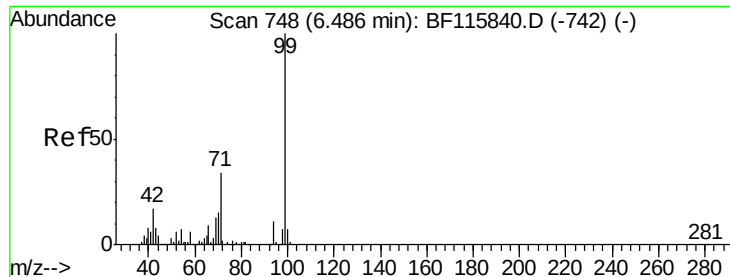
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#6
Aniline
Concen: 32.953 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion: 93 Resp: 519057
Ion Ratio Lower Upper
93 100
66 52.1 31.4 47.0#
65 30.7 16.5 24.7#





#7

Phenol-d6

Concen: 116.742 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

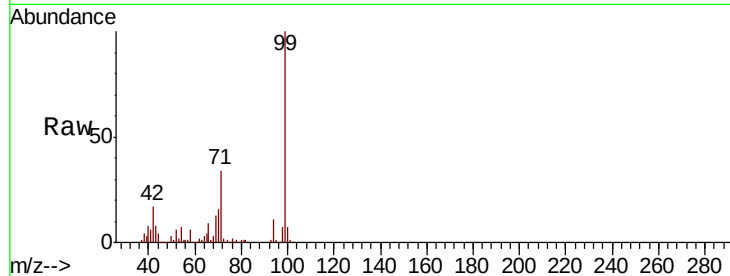
ClientSampleId :

PB121854BS

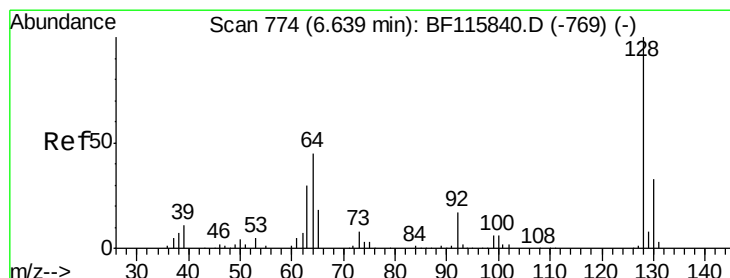
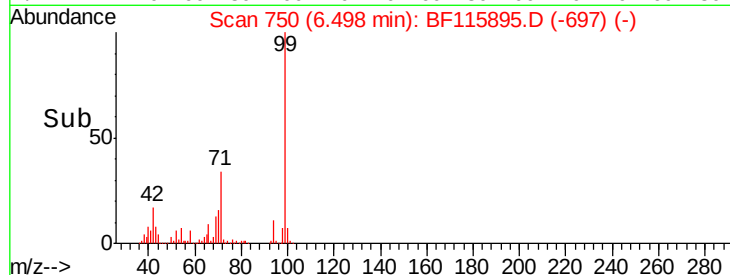
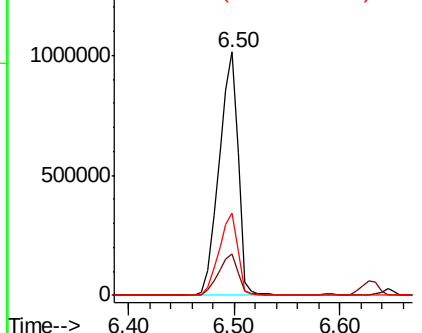
Tot Ion:	99	Resp:	1284017
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.1	27.1	40.7

Manual Integrations
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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: 46.256 ng

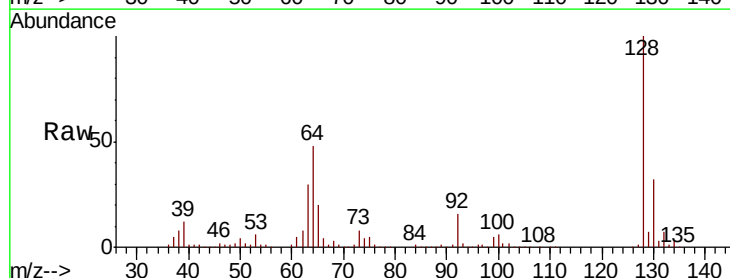
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

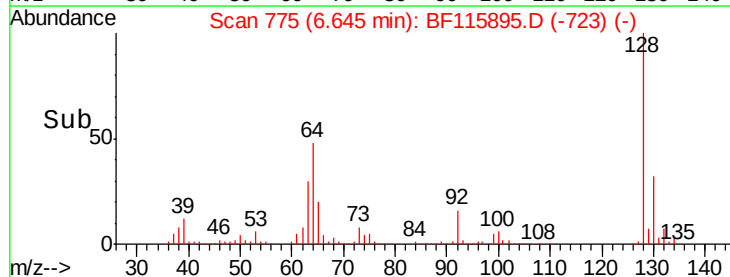
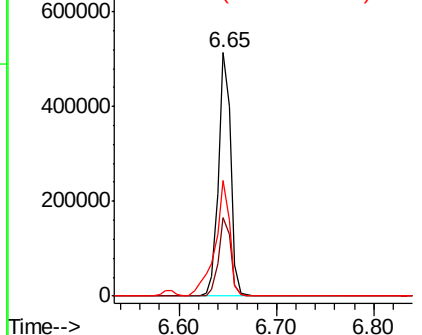
Lab File: BF115895.D

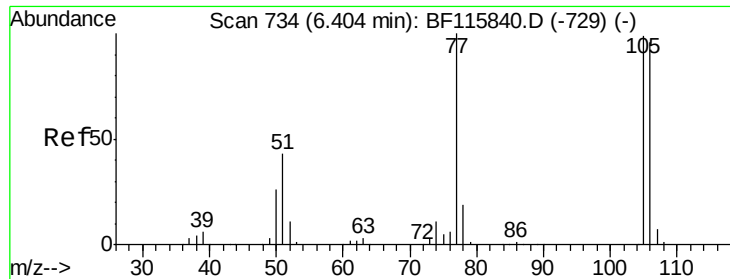
Acq: 1 Aug 2019 9:36

Tgt Ion:	128	Resp:	445906
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	47.6	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: 34.197 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

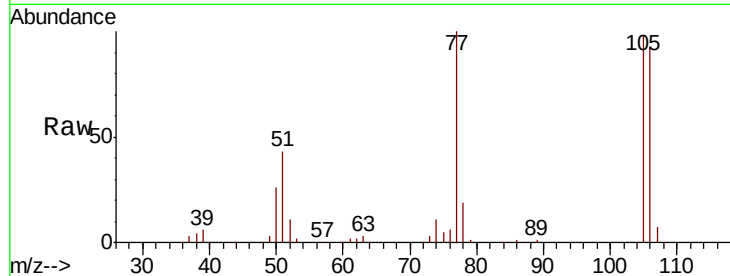
ClientSampleId :

PB121854BS

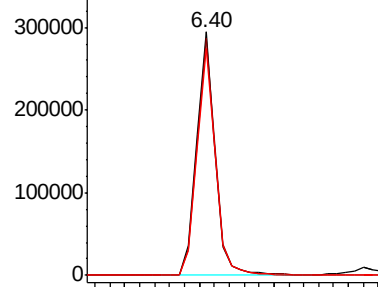
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	79.0	119.0
106	93.2	76.2	116.2

Manual Integrations
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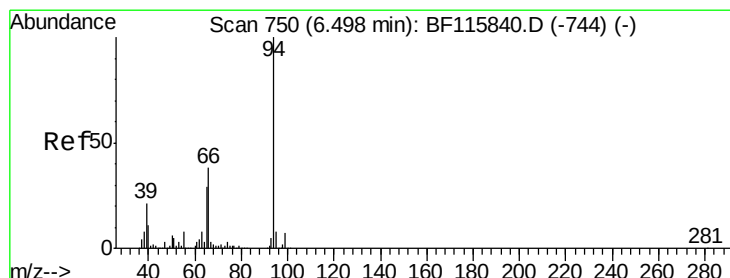
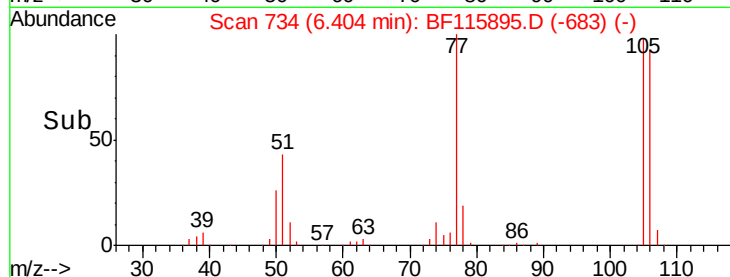
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 42.646 ng

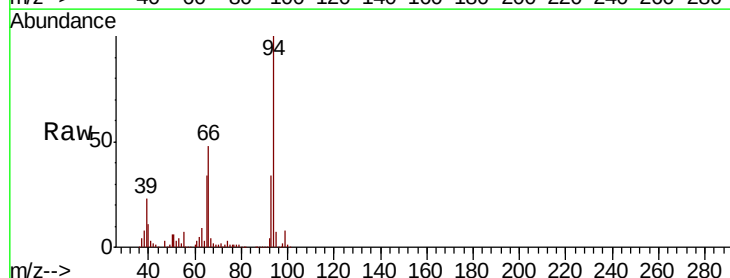
RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

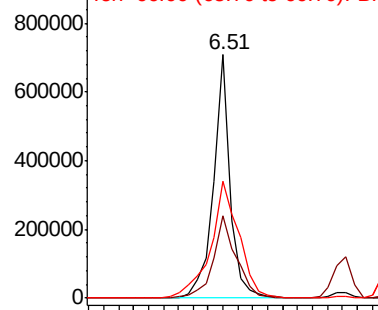
Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

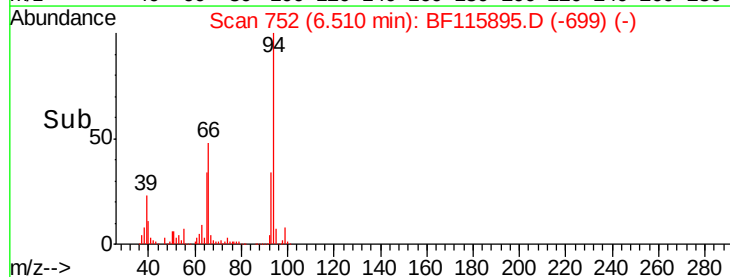
Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	8.9	48.9
66	48.0	18.0	58.0

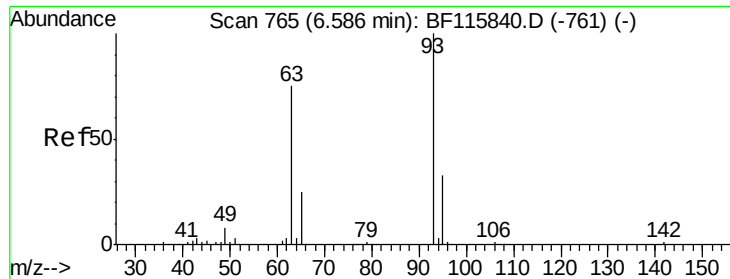


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





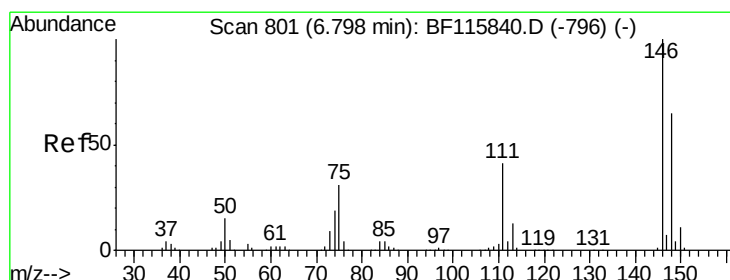
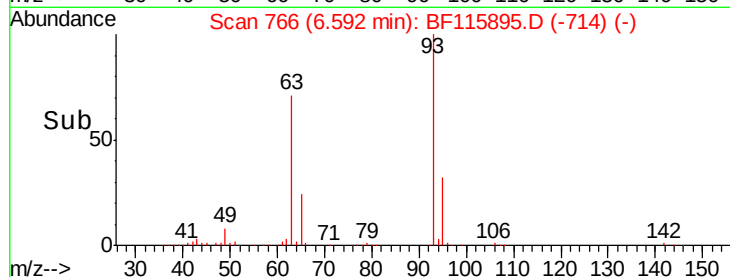
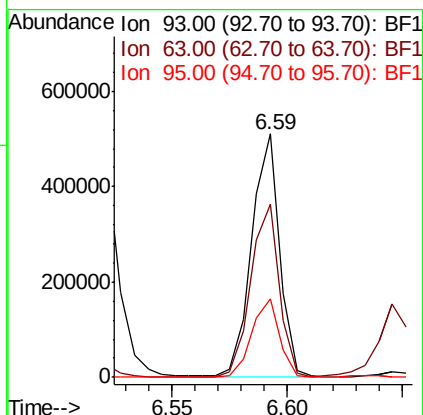
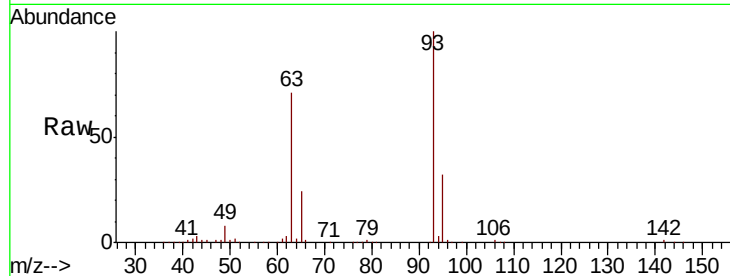
#11
bis(2-Chloroethyl)ether
Concen: 45.267 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	54.9	94.9
95	32.1	13.3	53.3

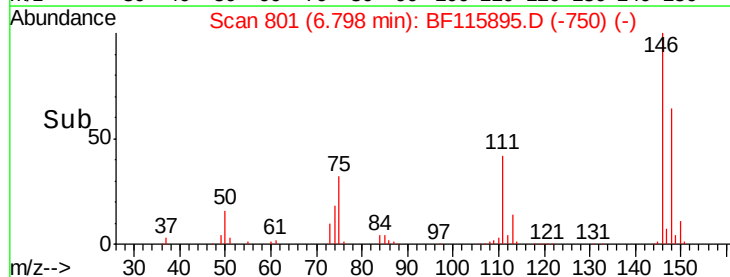
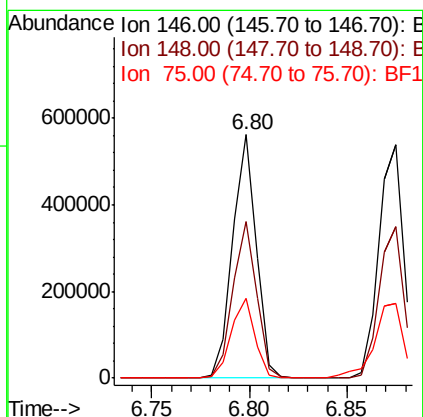
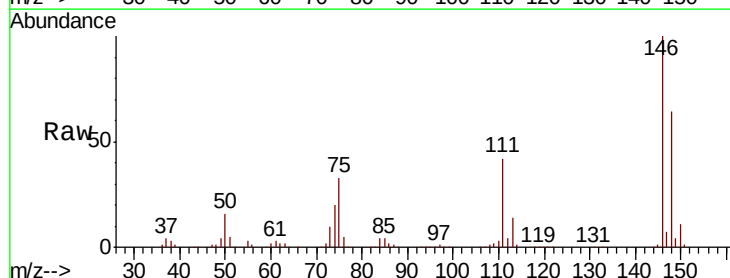
Manual Integrations
APPROVED

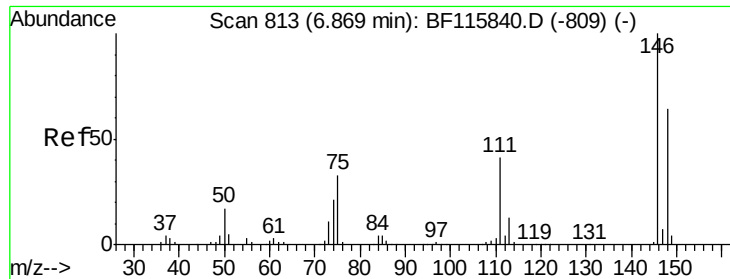
mohammad
8/5/2019 1:47:44 PM



#12
1,3-Dichlorobenzene
Concen: 42.415 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	32.6	25.0	37.6





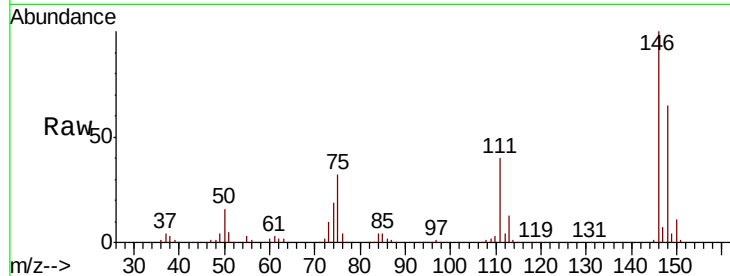
#13
 1,4-Dichlorobenzene
 Concen: 43.066 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	40.1	33.2	49.8

Manual Integrations
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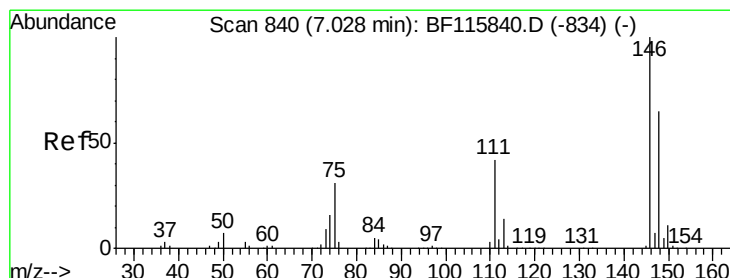
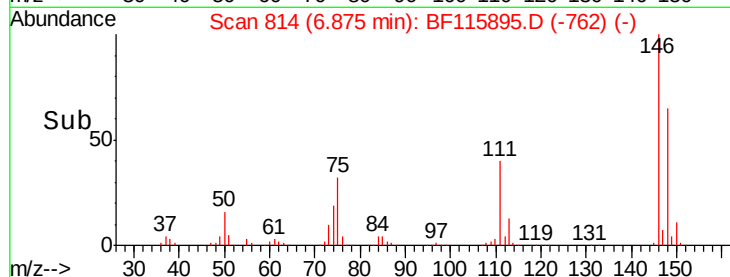
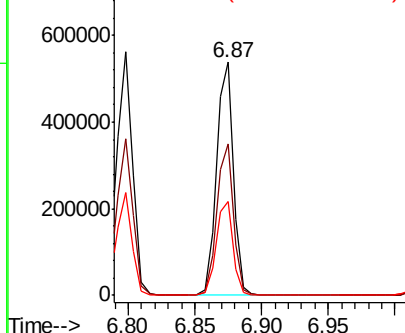


Abundance

Ion 146.00 (145.70 to 146.70): E

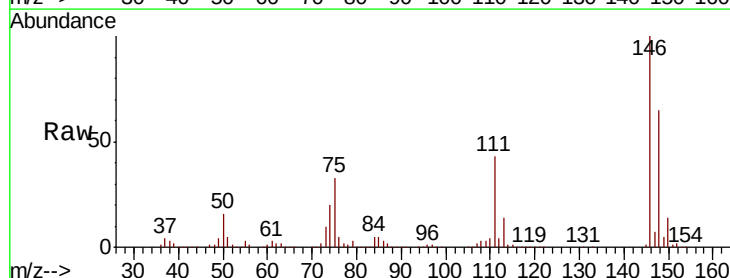
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.053 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	42.6	33.6	50.4

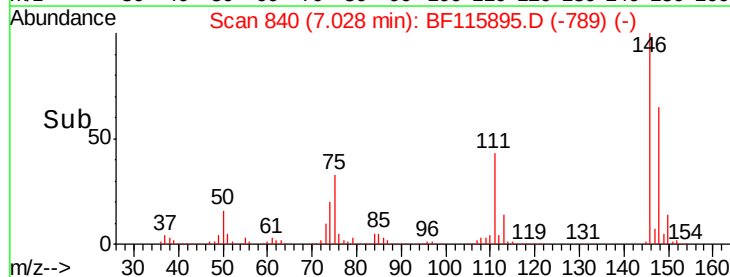
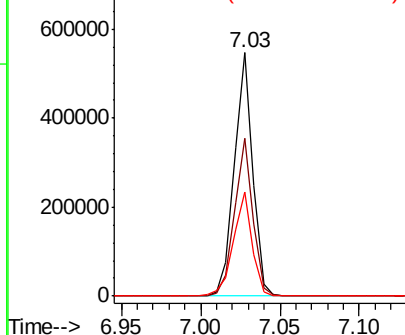


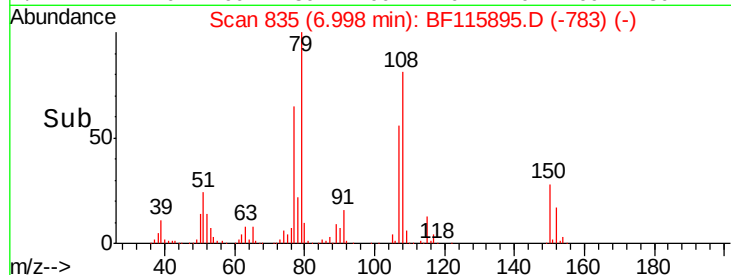
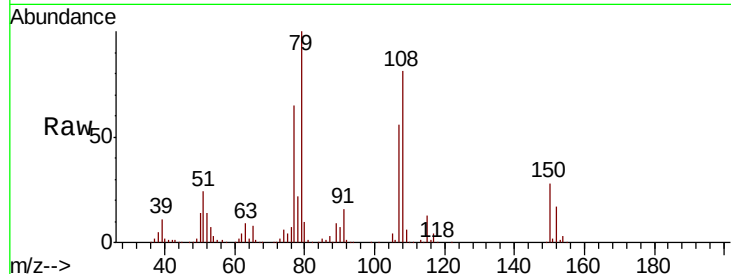
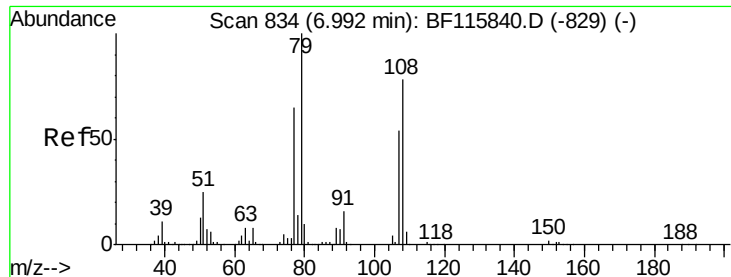
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





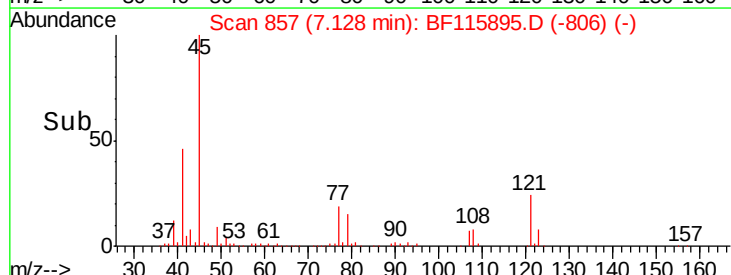
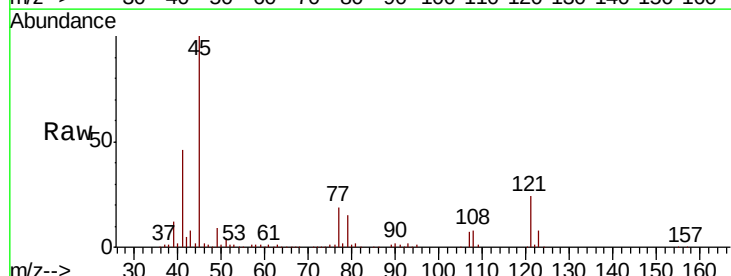
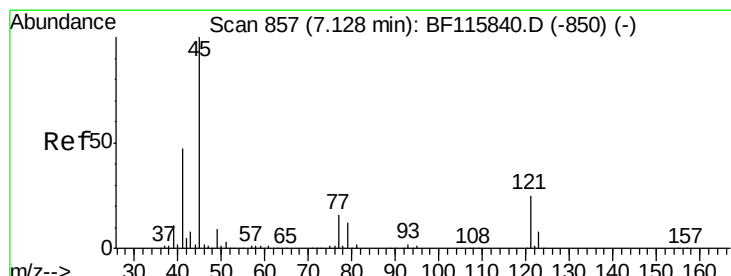
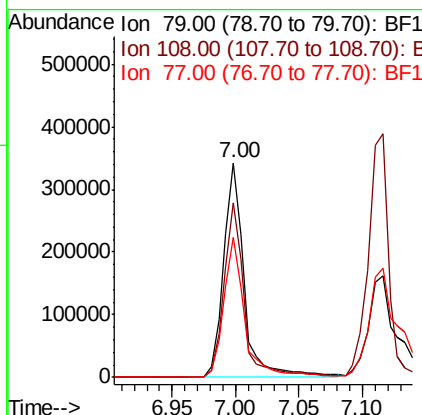
#15
Benzyl Alcohol
Concen: 46.646 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.0	62.8	94.2	
77	65.4	52.0	78.0	

Instrument :
BNA_F
ClientSampled :
PB121854BS

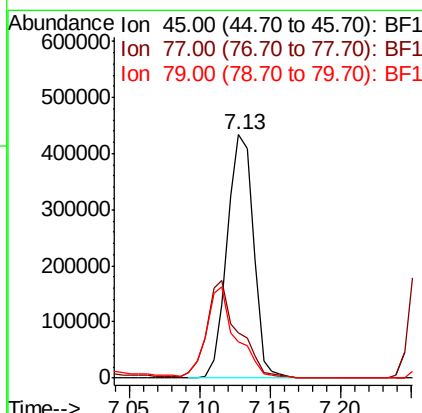
Manual Integrations
APPROVED

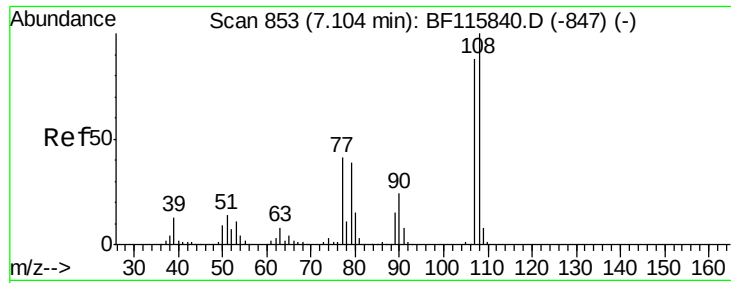
mohammad
8/5/2019 1:47:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.514 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.8	0.0	36.3	
79	14.8	0.0	32.5	





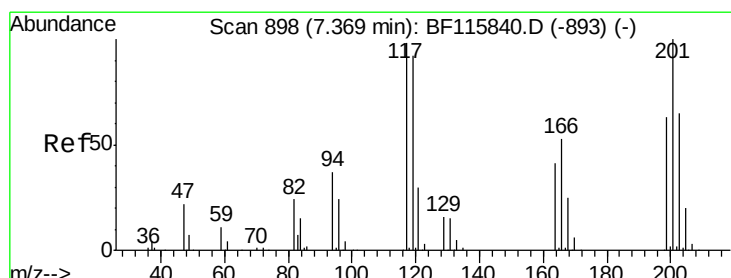
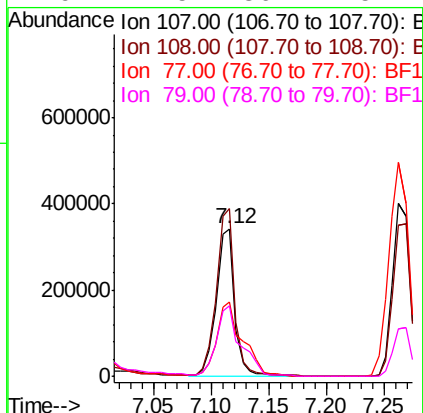
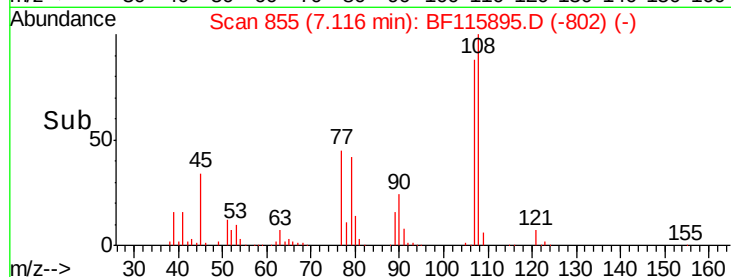
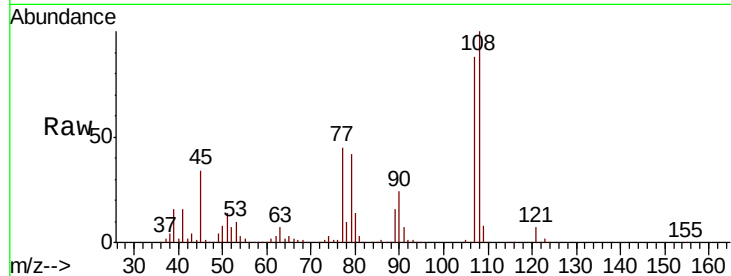
#17
2-Methylphenol
Concen: 46.552 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.7	91.4	137.0	
77	77	50.8	37.6	56.4	
79	79	47.5	36.2	54.4	

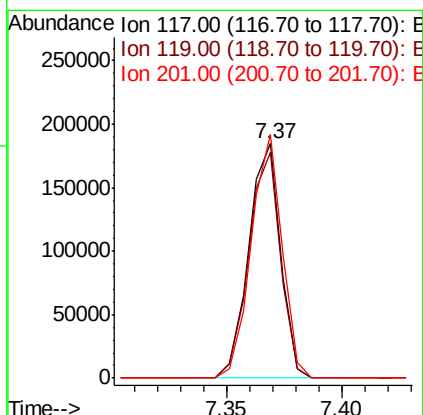
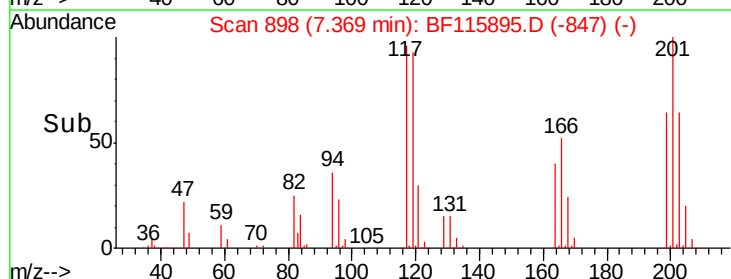
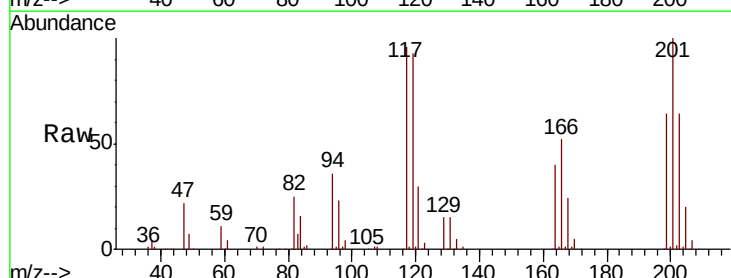
Manual Integrations
APPROVED

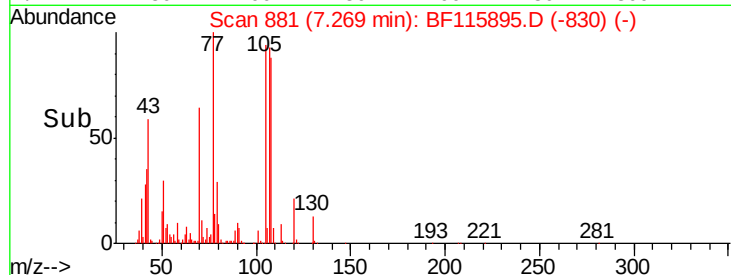
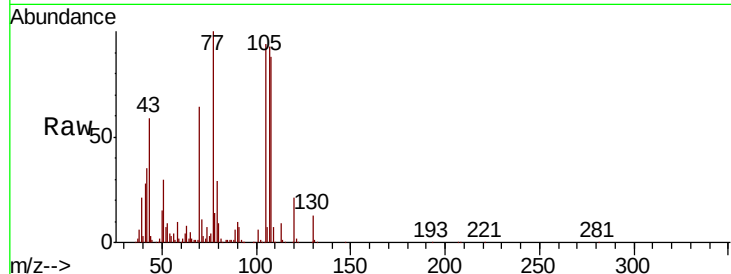
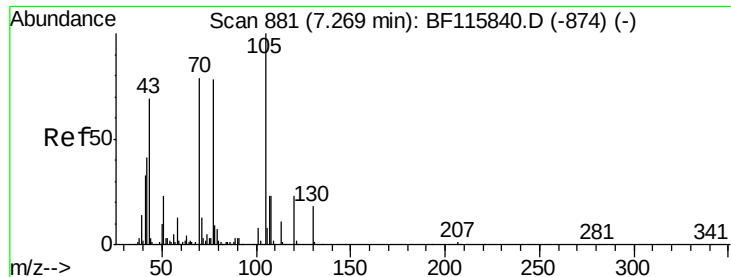
mohammad
8/5/2019 1:47:44 PM



#18
Hexachloroethane
Concen: 43.348 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.4	75.8	113.6	
201	201	103.8	82.0	123.0	





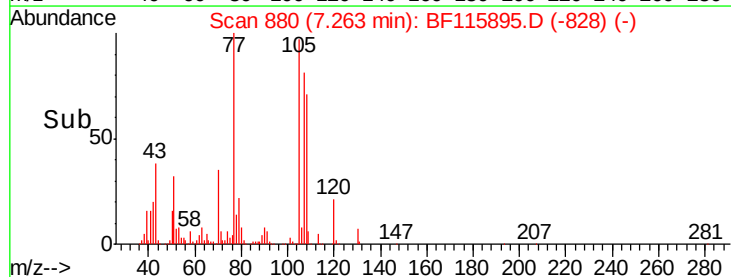
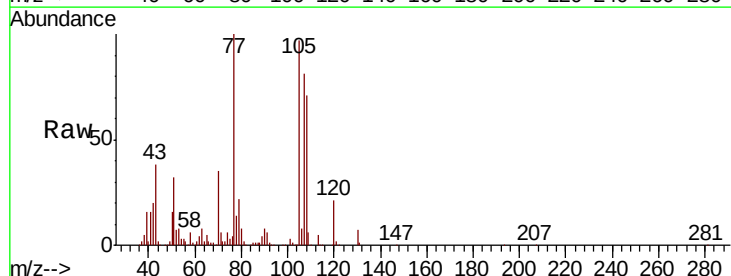
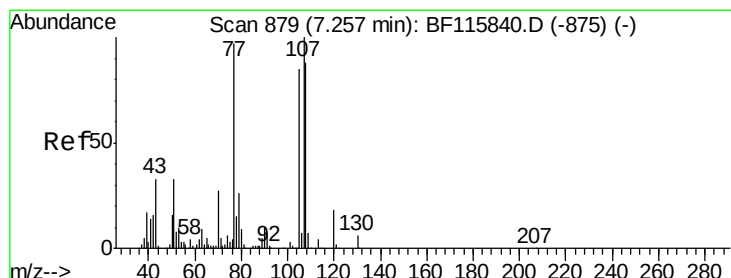
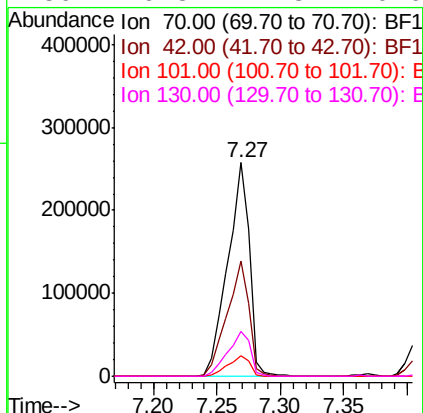
#19
n-Nitroso-di-n-propylamine
Concen: 44.718 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	41.8	62.8
101	9.8	7.7	11.5
130	20.8	17.8	26.6

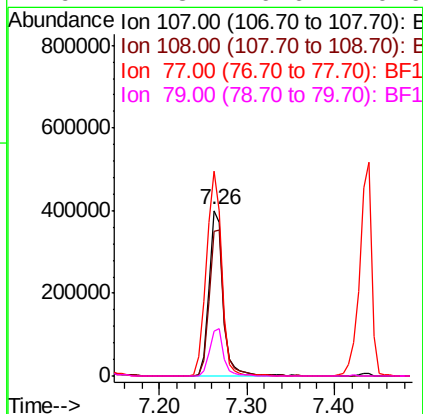
Manual Integrations
APPROVED

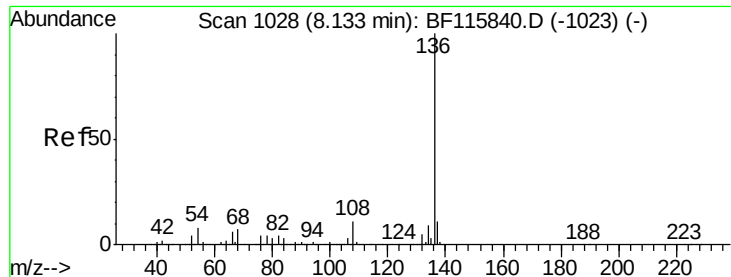
mohammad
8/5/2019 1:47:44 PM



#20
3+4-Methylphenols
Concen: 46.234 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.9	107.9
77	123.7	77.3	117.3#
79	27.3	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

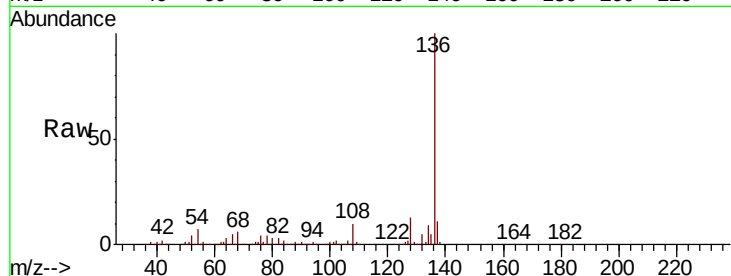
ClientSampleId :

PB121854BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	6.1	9.1
68	6.2	5.4	8.2

Manual Integrations
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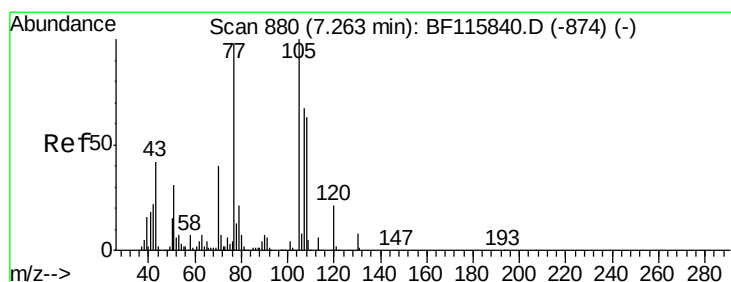
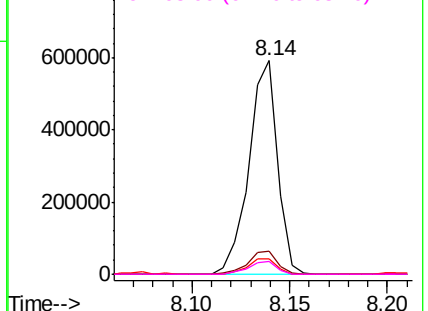
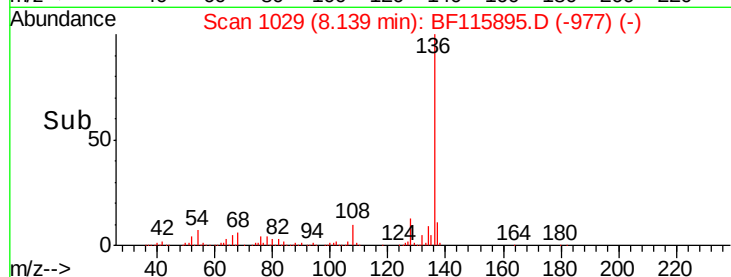
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.326 ng

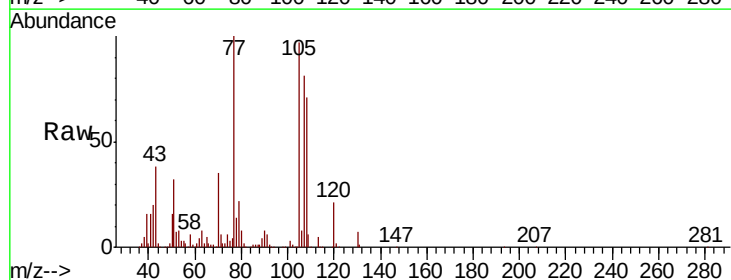
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.2	5.4	8.0
51	33.3	24.6	36.8
120	22.2	17.0	25.6



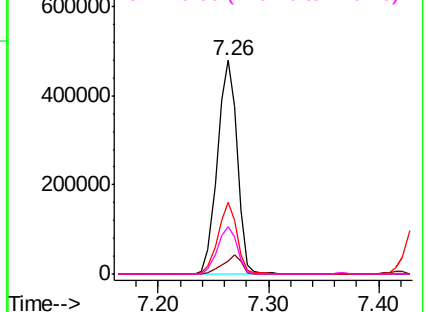
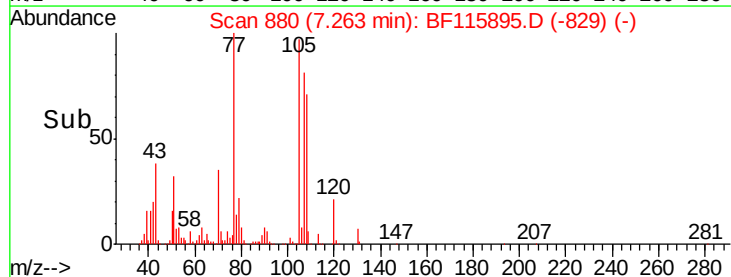
Abundance

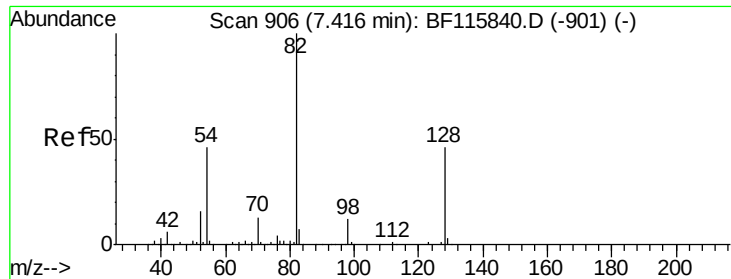
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





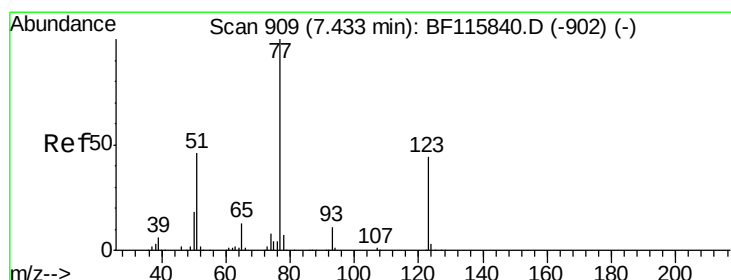
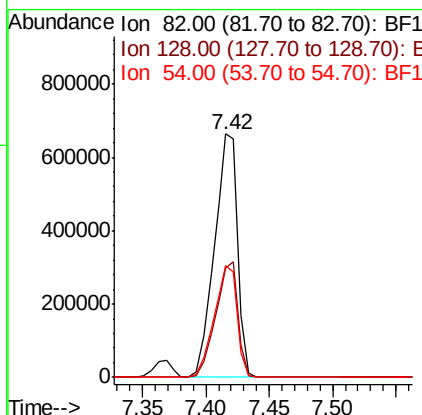
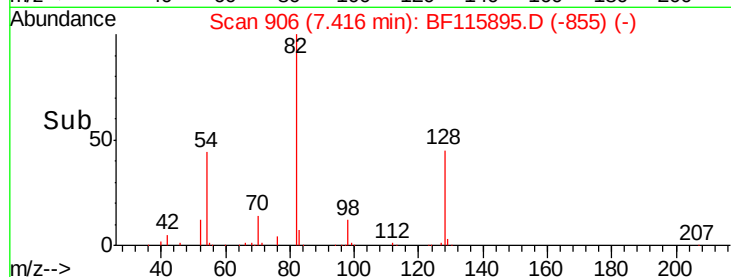
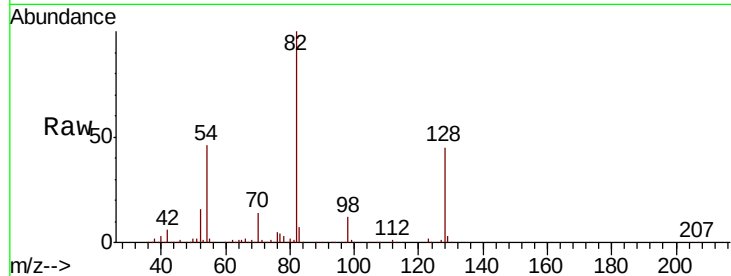
#23
 Nitrobenzene-d5
 Concen: 81.258 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	844290		
128	44.8	36.6	55.0	
54	46.0	36.6	55.0	

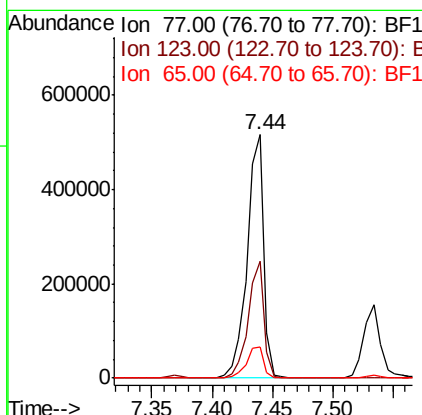
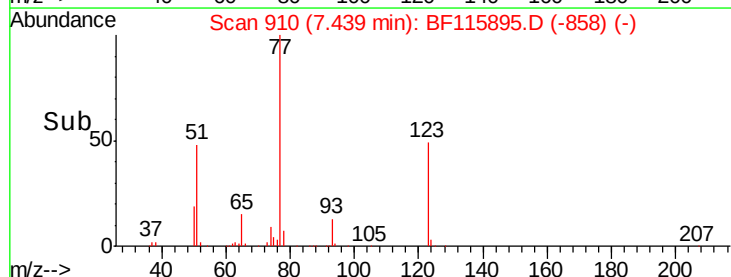
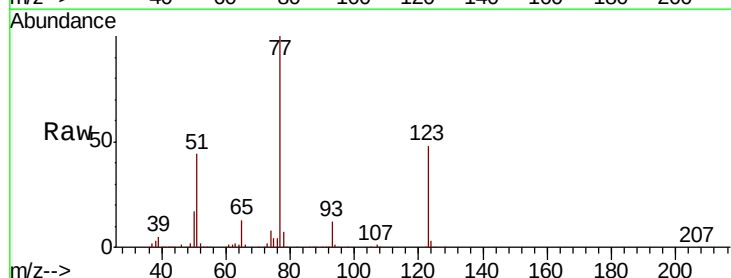
Manual Integrations
 APPROVED

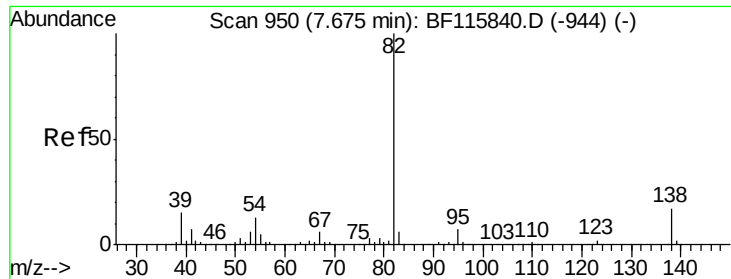
mohammad
 8/5/2019 1:47:44 PM



#24
 Nitrobenzene
 Concen: 43.943 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	492999		
123	48.1	35.5	53.3	
65	12.9	10.6	15.8	





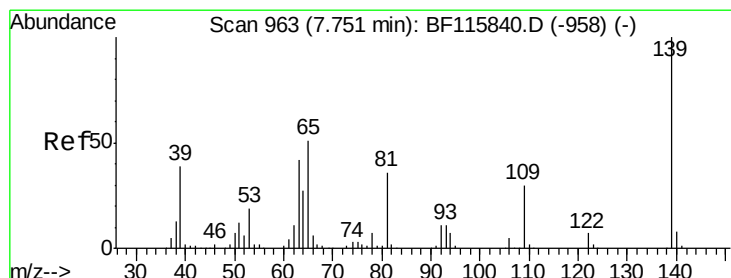
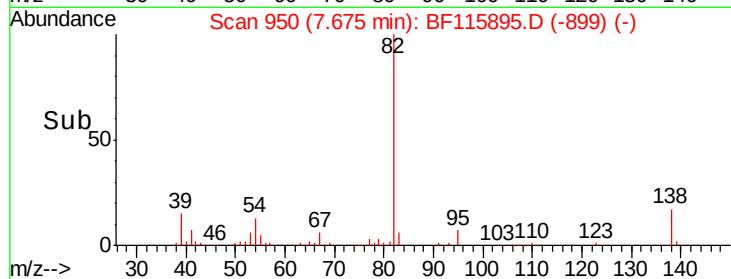
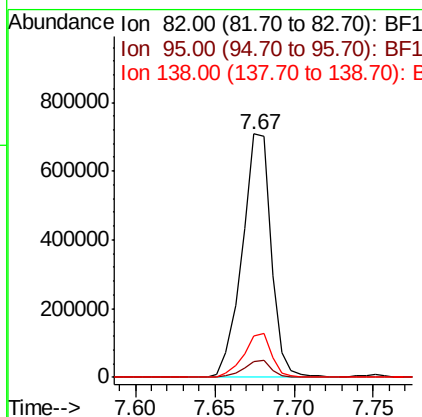
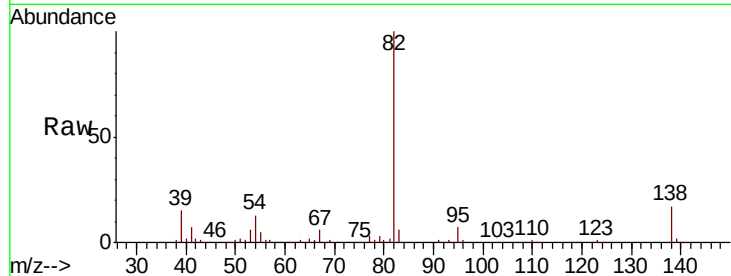
#25
Isophorone
Concen: 45.149 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	897007		
95	6.5		5.5	8.3
138	16.9		13.9	20.9

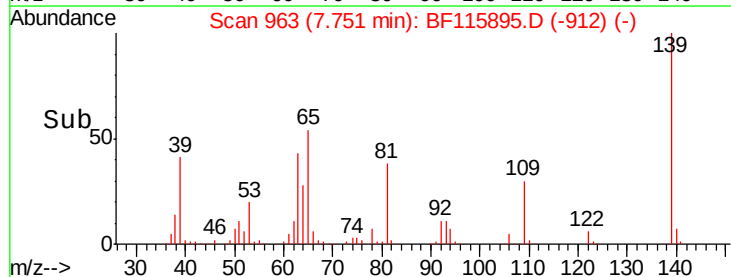
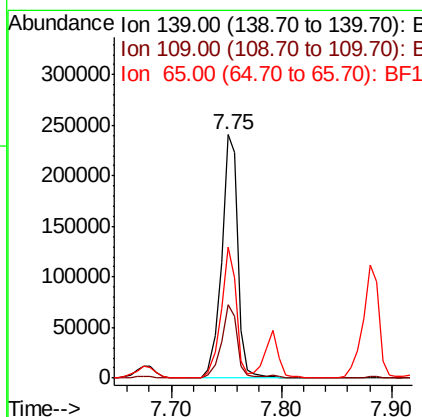
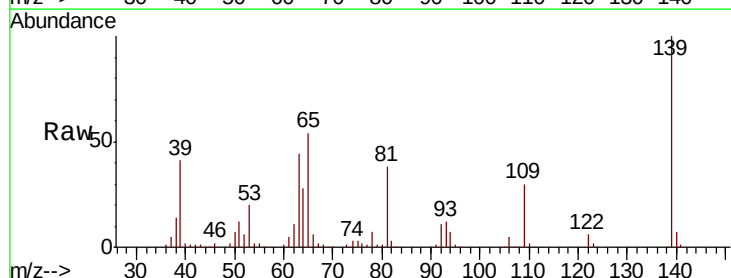
Manual Integrations
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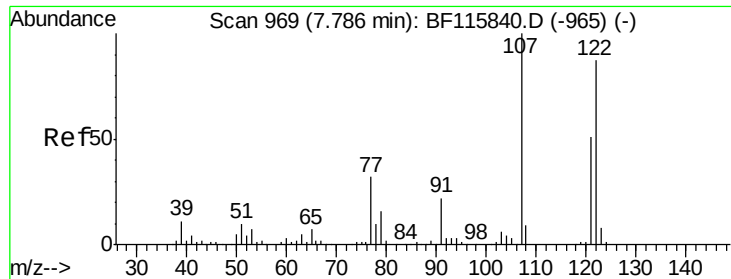
mohammad
8/5/2019 1:47:44 PM



#26
2-Nitrophenol
Concen: 46.610 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	246493		
109	30.2		23.6	35.4
65	54.0		40.6	60.8





#27

2,4-Dimethylphenol

Concen: 51.108 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

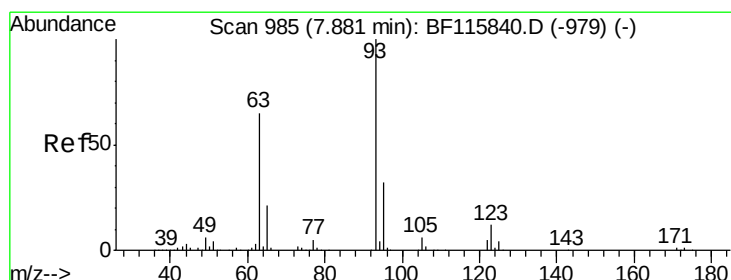
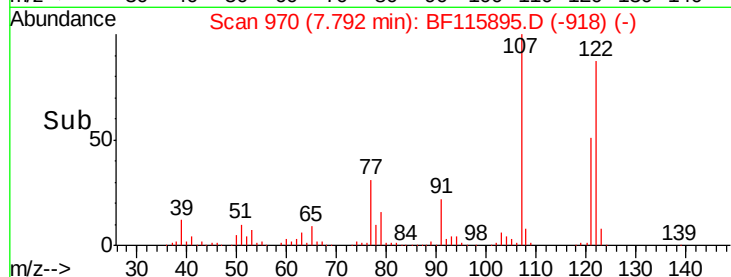
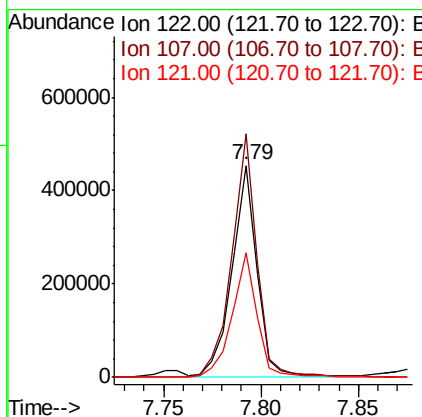
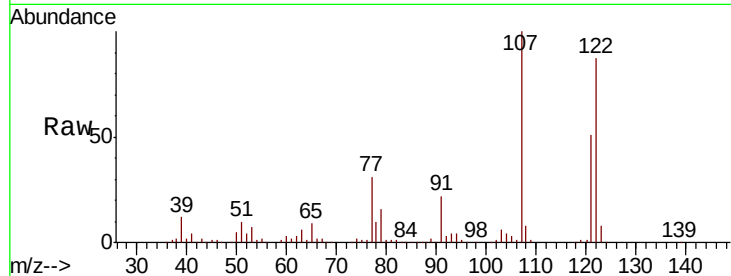
ClientSampleId :

PB121854BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		406634		
107	115.1	91.7	137.5		
121	59.0	46.6	70.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 44.405 ng

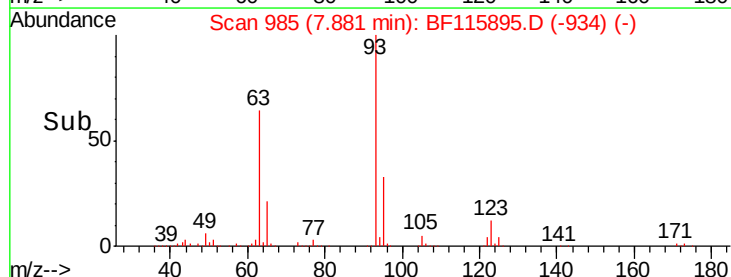
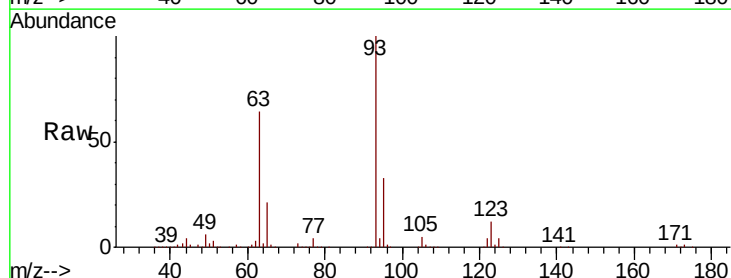
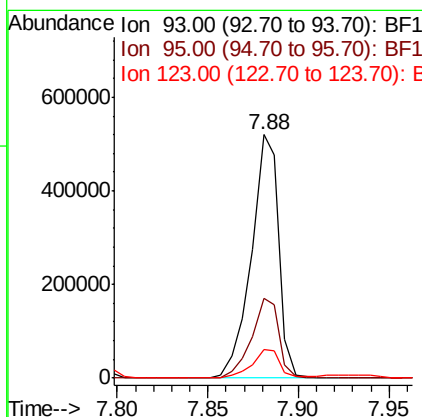
RT: 7.88 min Scan# 985

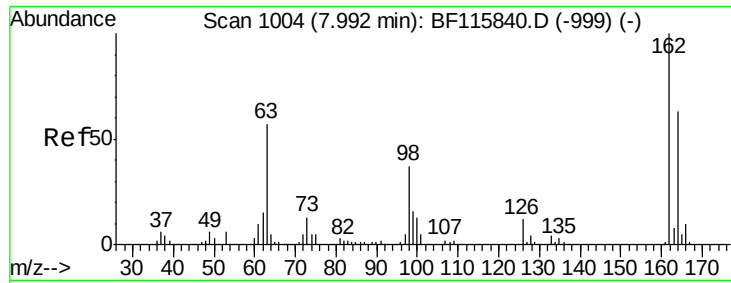
Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		546813		
95	32.6	26.0	39.0		
123	11.7	9.5	14.3		





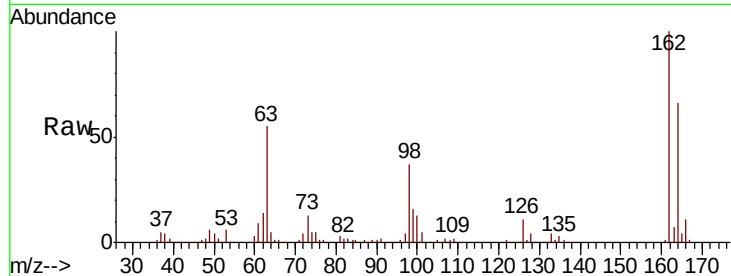
#29
2,4-Dichlorophenol
Concen: 45.798 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	384740		
164	65.6	43.2	83.2	
98	36.8	17.3	57.3	

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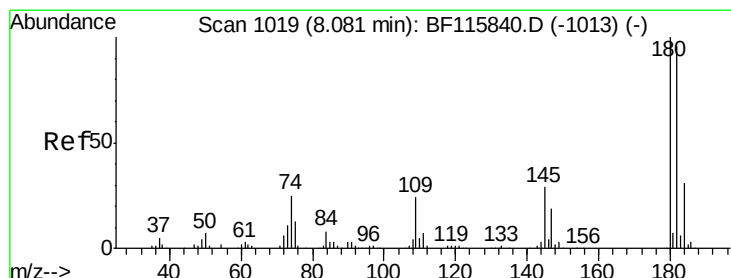
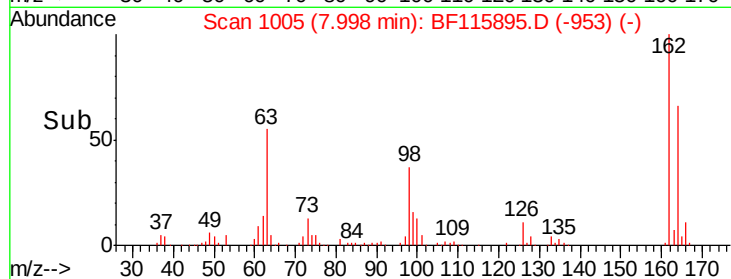
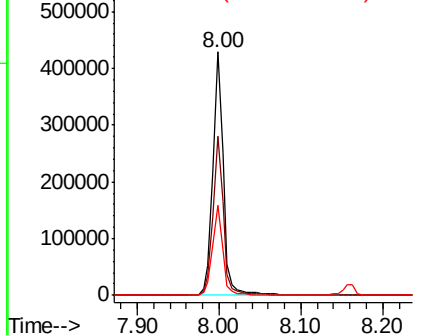


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.443 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

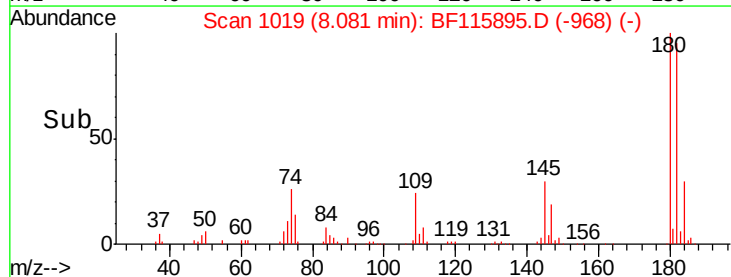
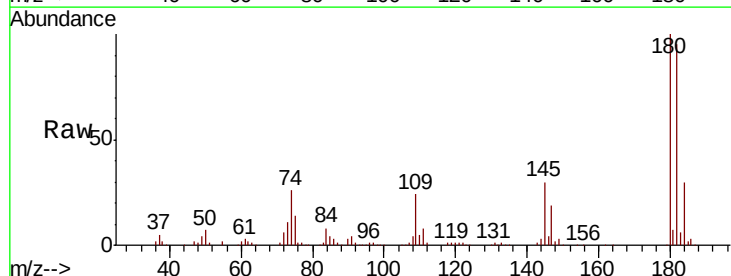
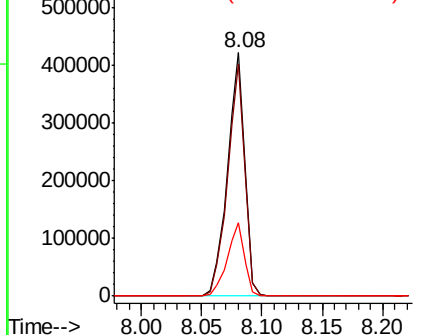
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	416023		
182	95.4	76.6	114.8	
145	30.1	23.2	34.8	

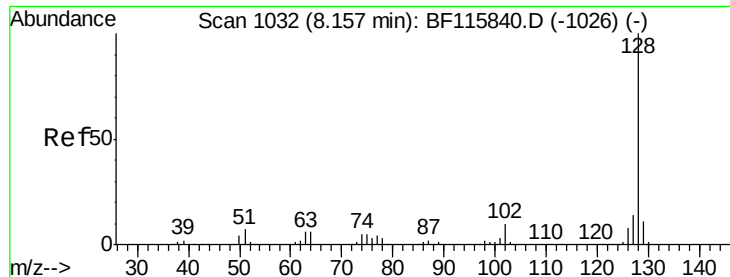
Abundance

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





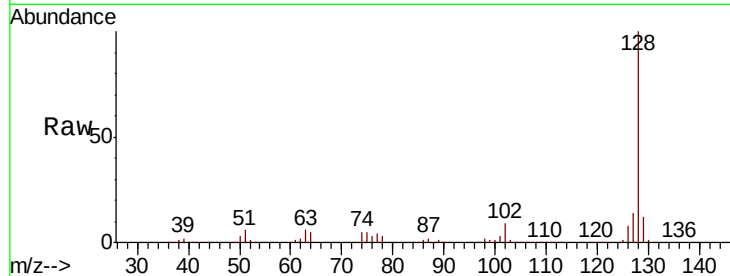
#31
Naphthalene
Concen: 45.184 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.7	11.0	16.4

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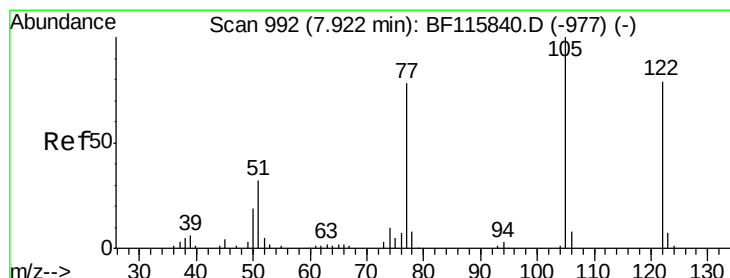
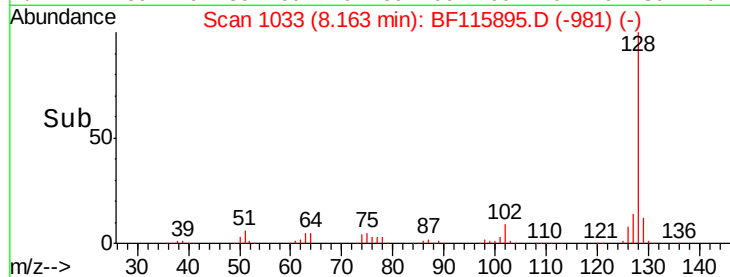
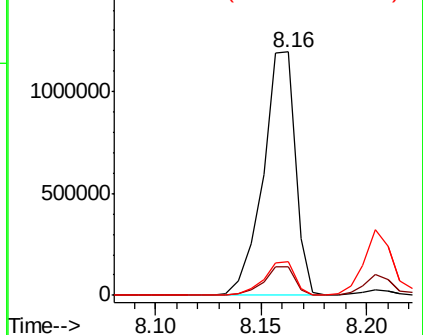


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.343 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

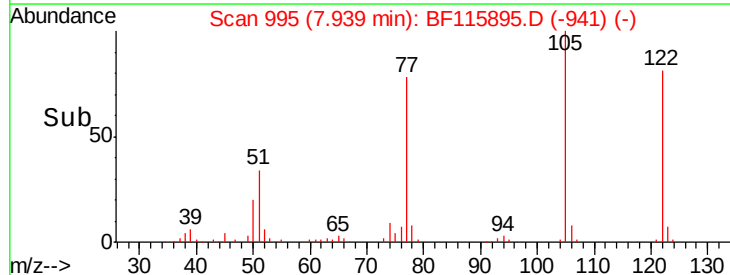
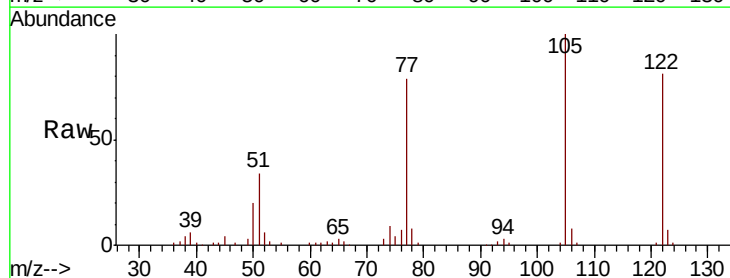
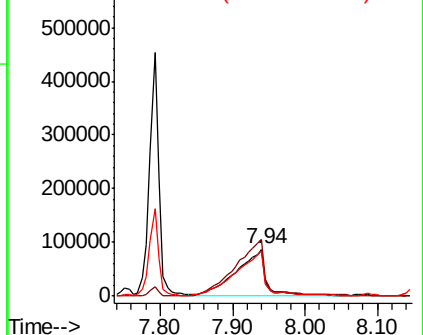
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	103.1	143.1
77	96.9	76.8	116.8

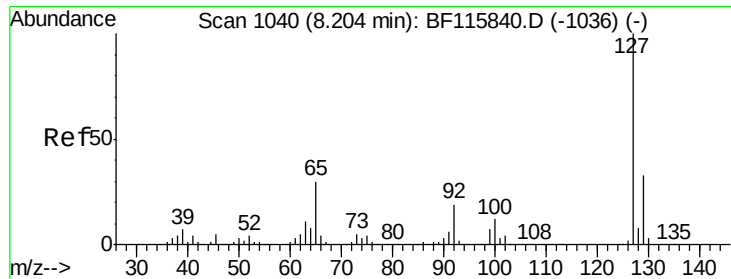
Abundance

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





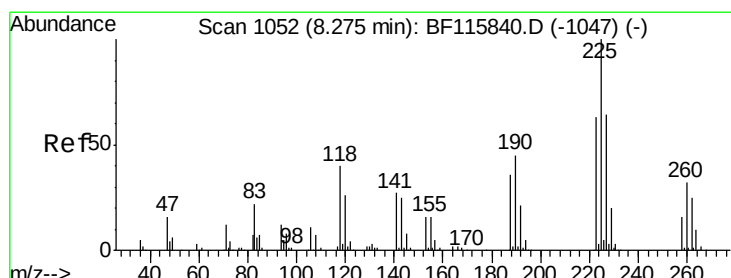
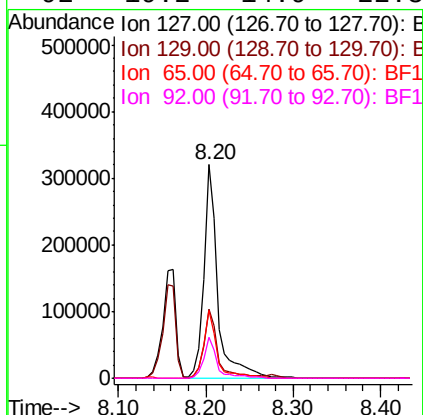
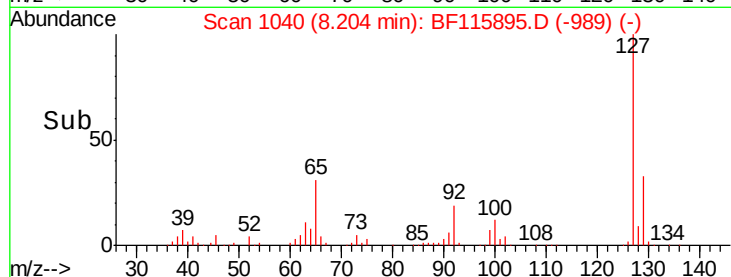
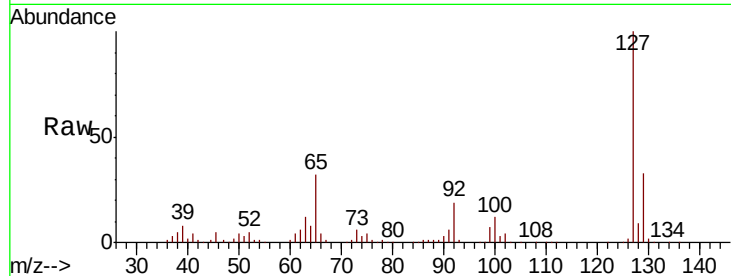
#33
4-Chloroaniline
Concen: 28.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.0	39.0	
65	31.8	23.9	35.9	
92	19.2	14.9	22.3	

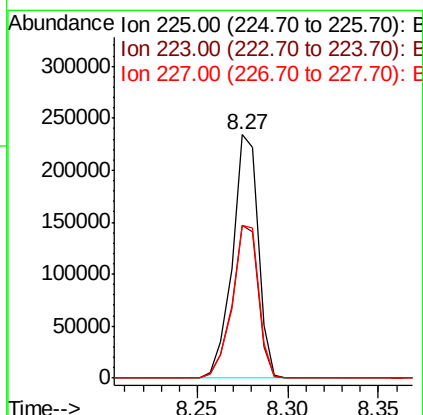
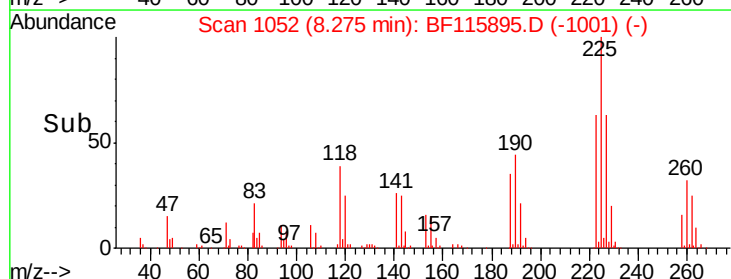
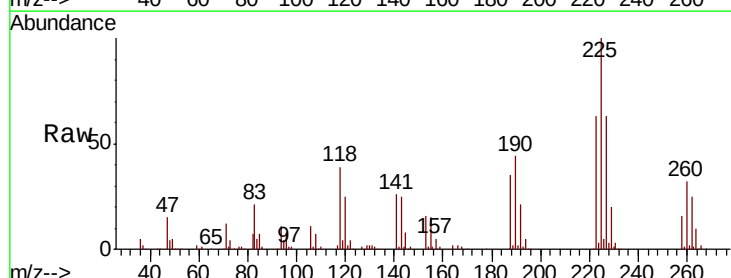
Manual Integrations
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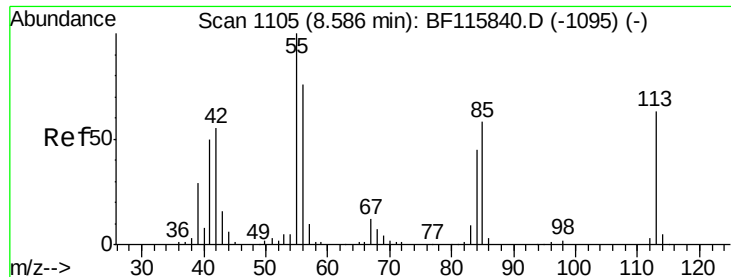
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#34
Hexachlorobutadiene
Concen: 42.143 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.4	75.6	
227	62.7	51.6	77.4	





#35

Caprolactam

Concen: 44.599 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleID :

PB121854BS

Tot Ion: 113 Resp: 121178

Ion Ratio Lower Upper

113 100

55 156.4 138.1 178.1

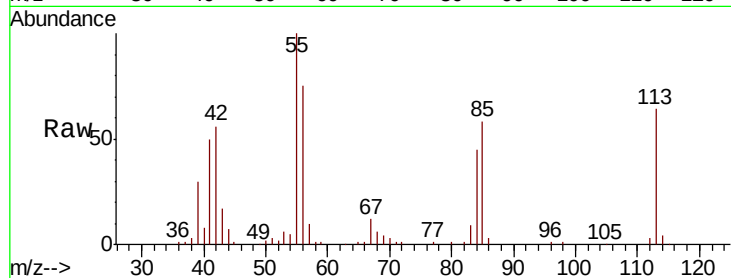
56 117.0 100.6 140.6

Manual Integrations

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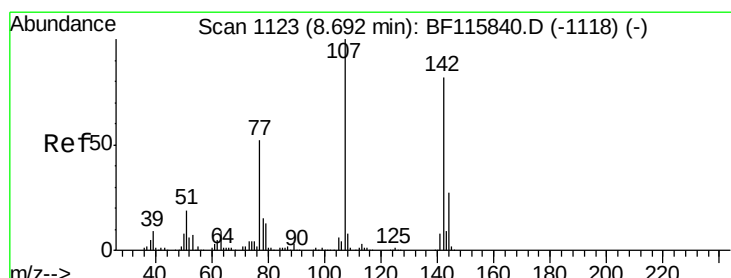
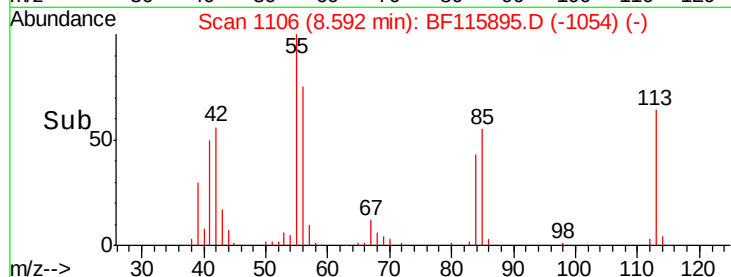
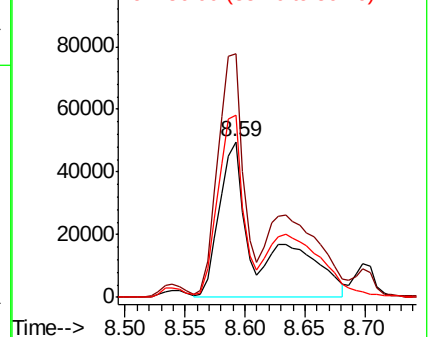


Abundance

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: 46.877 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

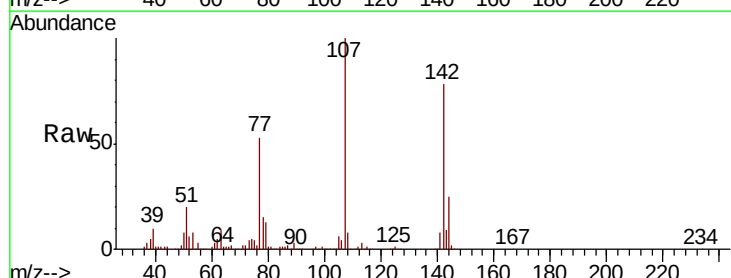
Tgt Ion: 107 Resp: 409683

Ion Ratio Lower Upper

107 100

144 25.4 21.4 32.0

142 78.3 65.5 98.3

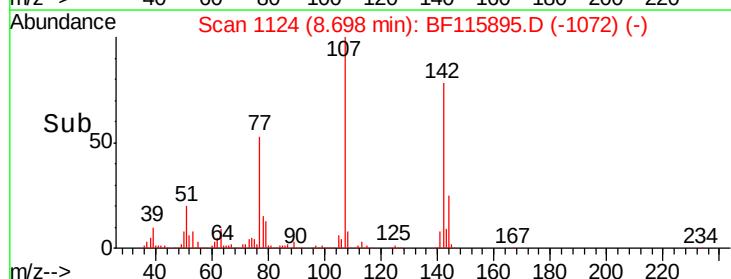
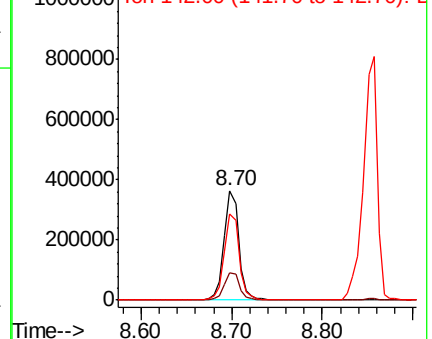


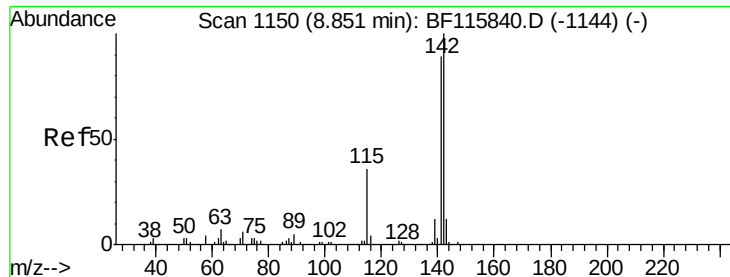
Abundance

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





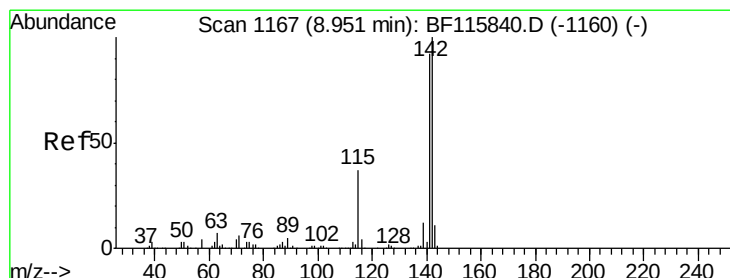
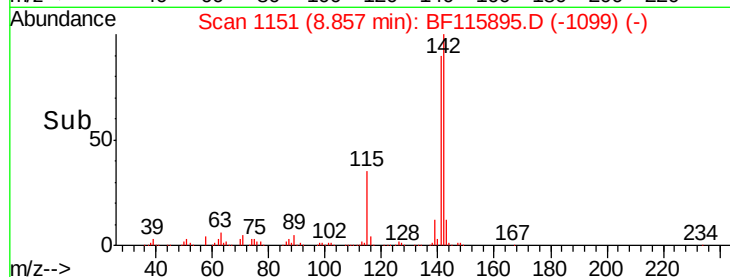
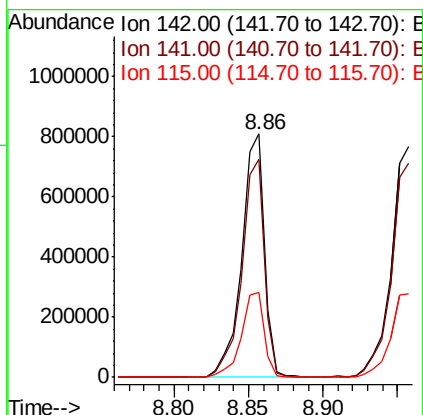
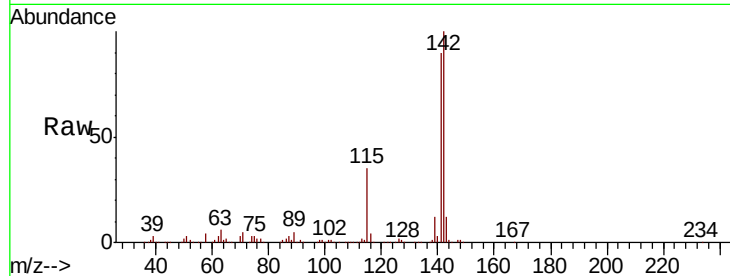
#37
2-Methylnaphthalene
Concen: 46.127 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	35.0	28.9	43.3

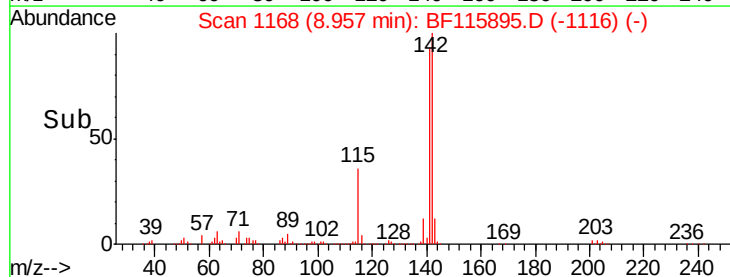
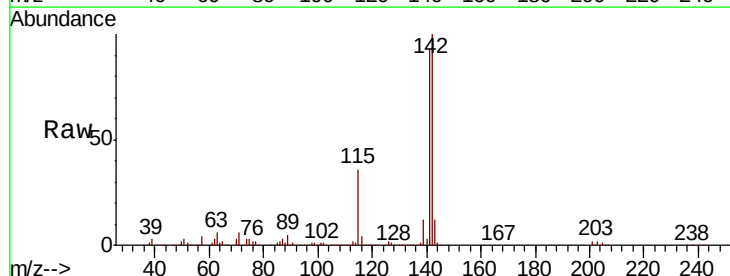
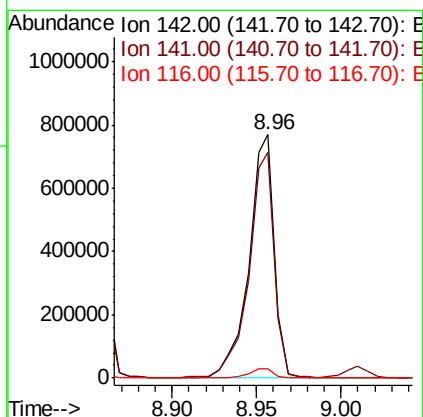
Manual Integrations
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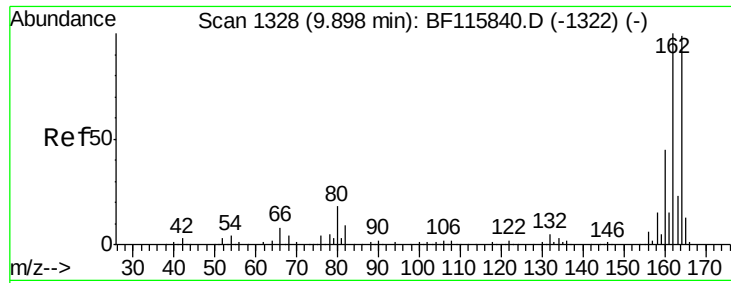
mohammad
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#38
1-Methylnaphthalene
Concen: 45.595 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	3.7	3.1	4.7





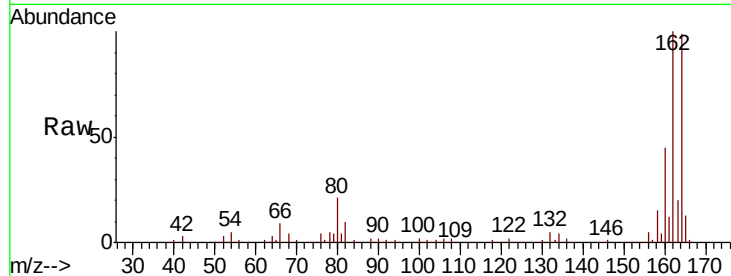
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	45.8	36.2	54.4

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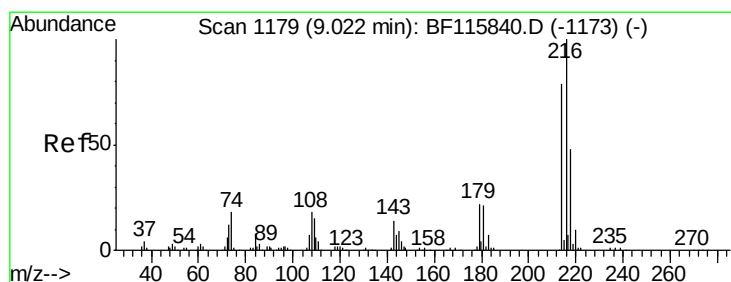
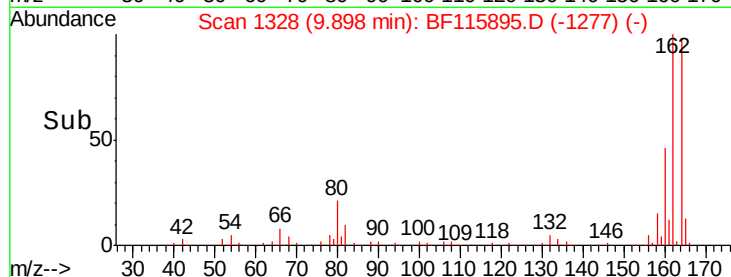
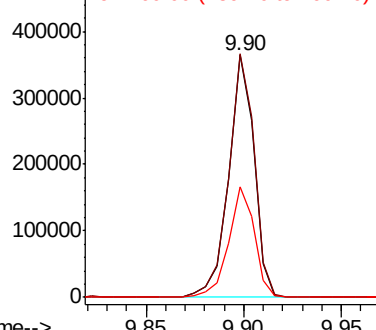


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.536 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	22.1	17.6	26.4
108	21.6	16.1	24.1

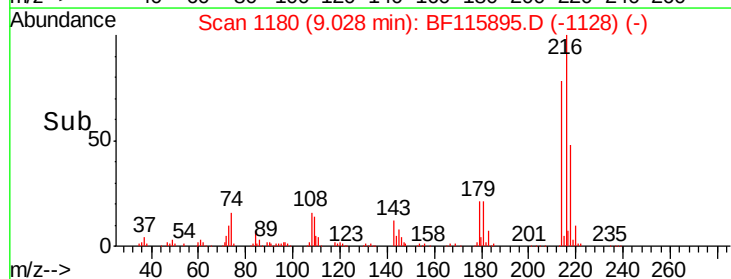
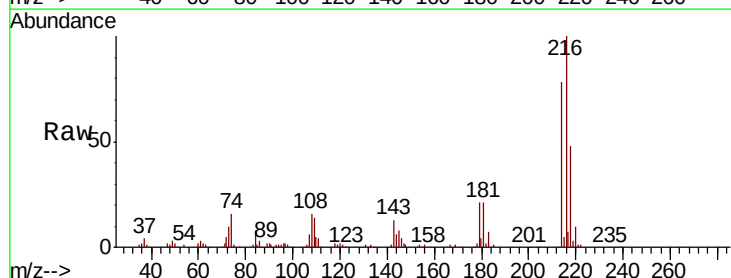
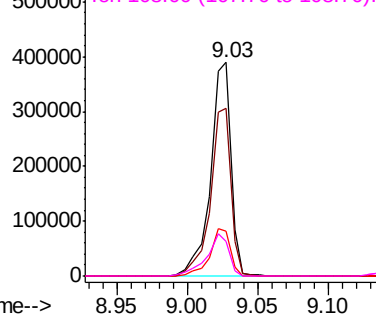
Abundance

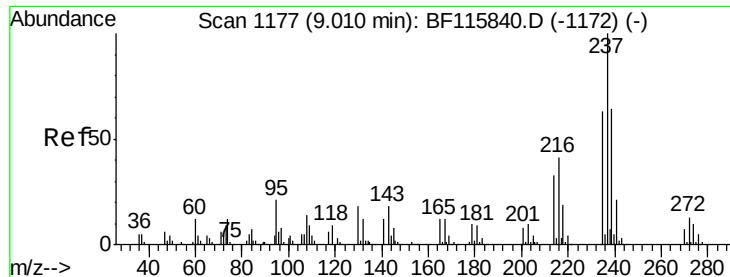
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.427 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

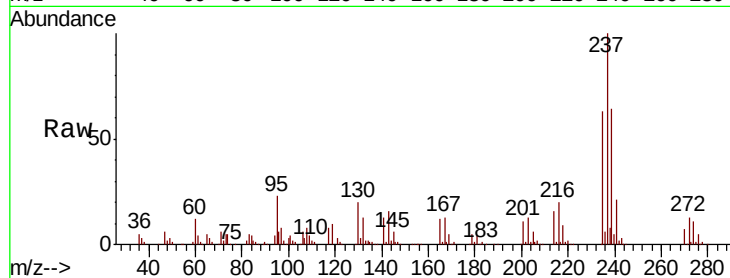
ClientSampleId :

PB121854BS

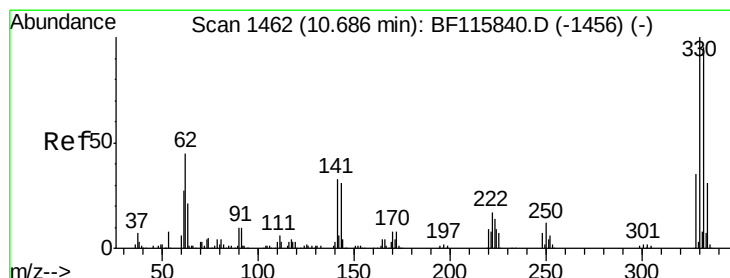
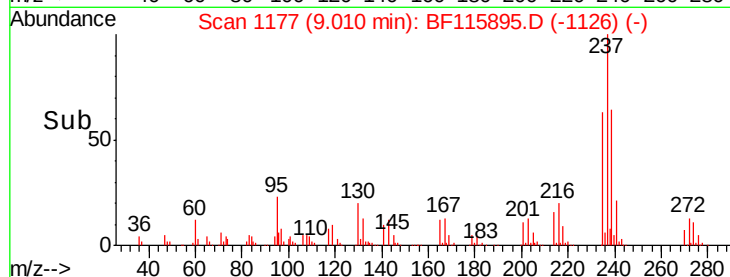
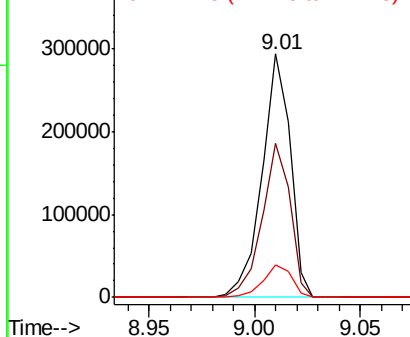
Tot Ion:	237	Resp:	275286
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.5	82.5
272	13.3	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 117.163 ng

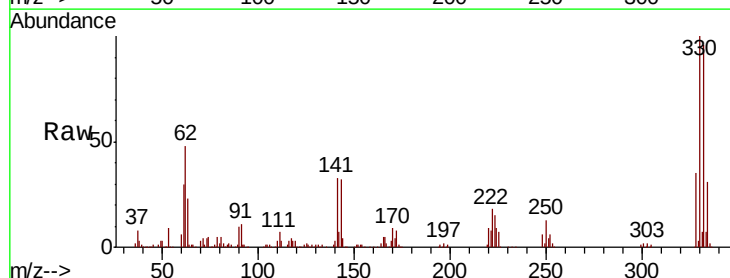
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

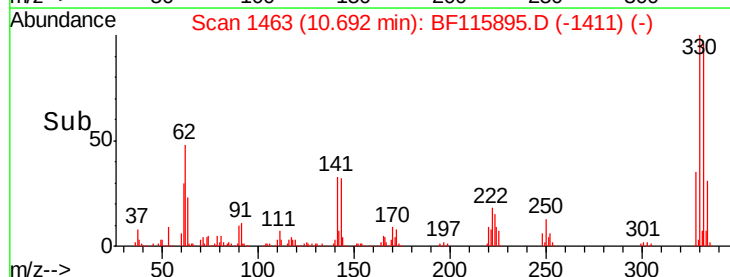
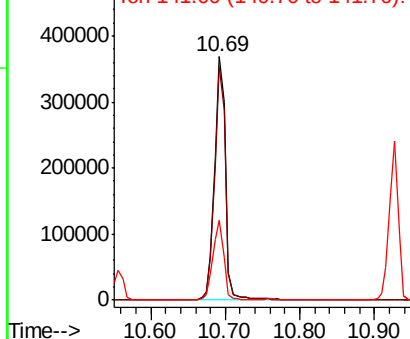
Lab File: BF115895.D

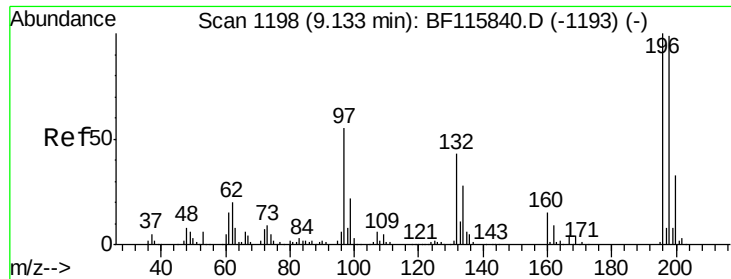
Acq: 1 Aug 2019 9:36

Tgt Ion:	330	Resp:	374025
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.7	116.5
141	32.7	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





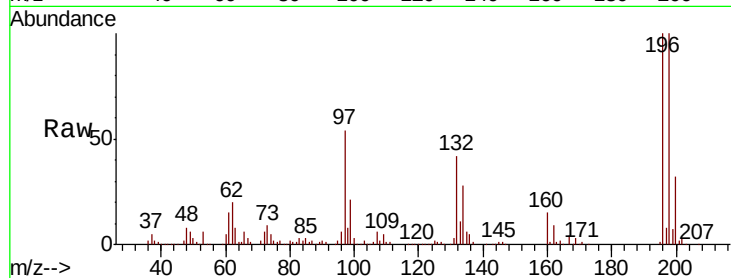
#43
 2,4,6-Trichlorophenol
 Concen: 43.539 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

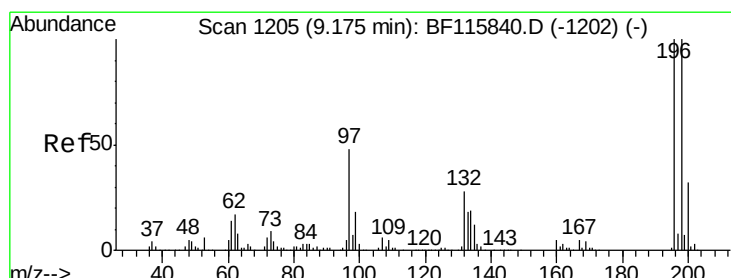
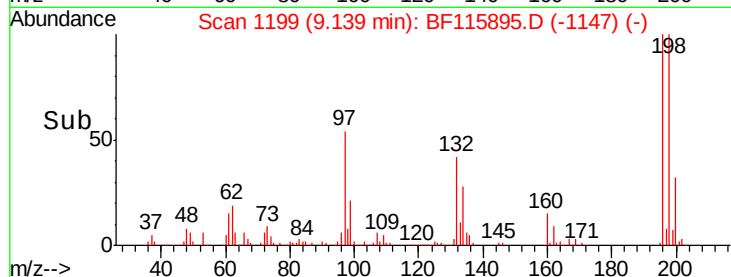
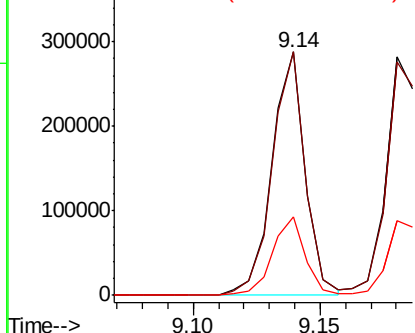
Tot Ion	Ratio	Resp	Lower	Upper
196	100	263803		
198	100.0	79.1	118.7	
200	32.4	26.0	39.0	

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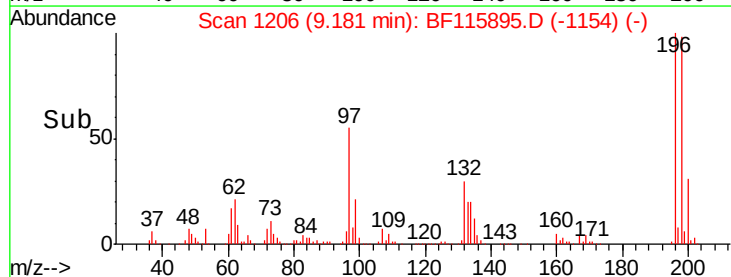
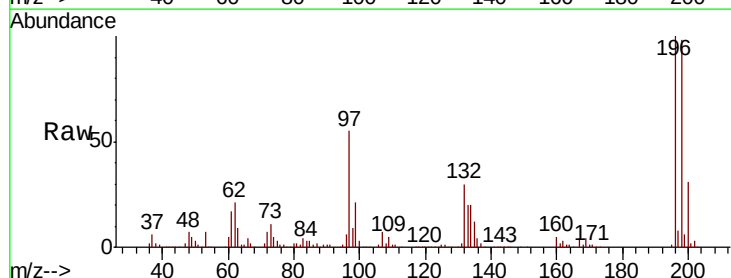
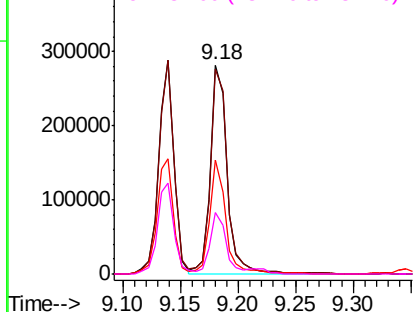
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

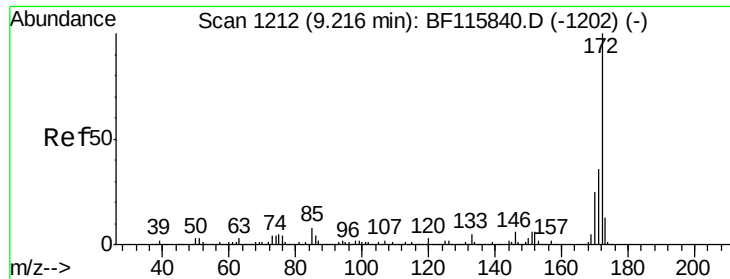


#44
 2,4,5-Trichlorophenol
 Concen: 44.871 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281036		
198	98.0	80.1	120.1	
97	54.6	38.9	58.3	
132	29.6	22.6	33.8	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





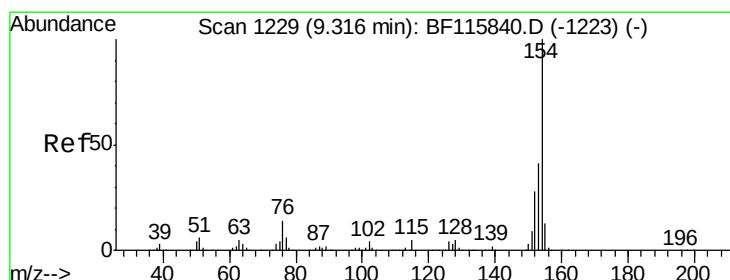
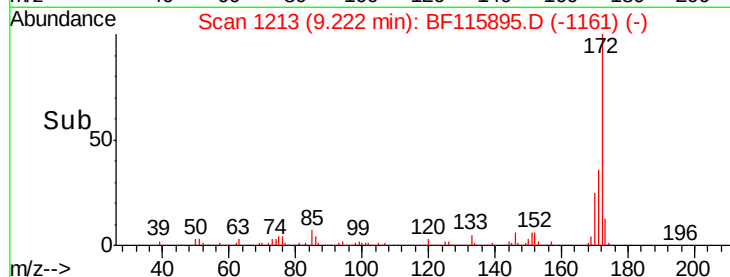
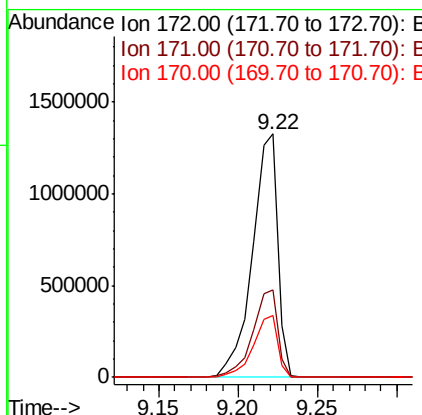
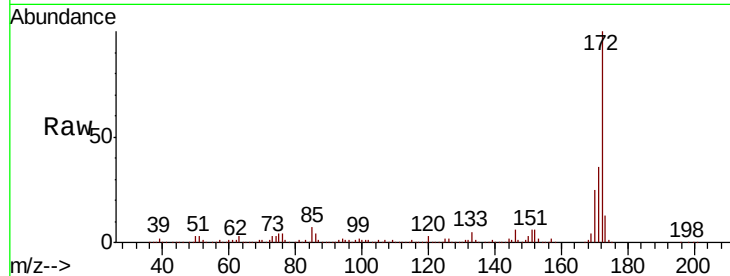
#45
2-Fluorobiphenyl
Concen: 84.303 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	25.4	20.1	30.1

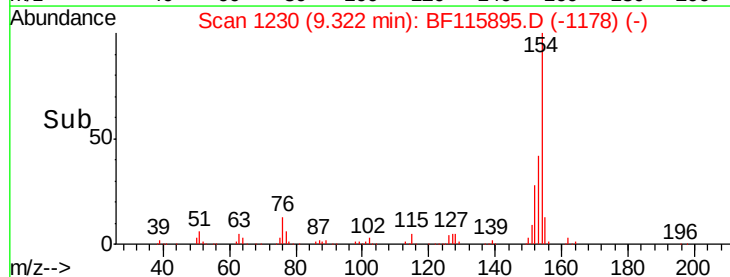
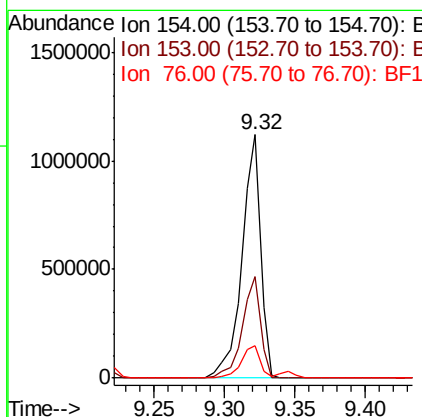
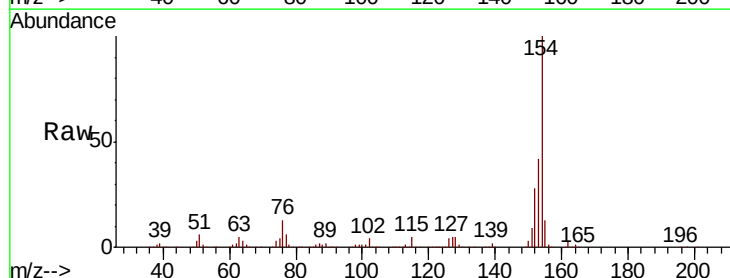
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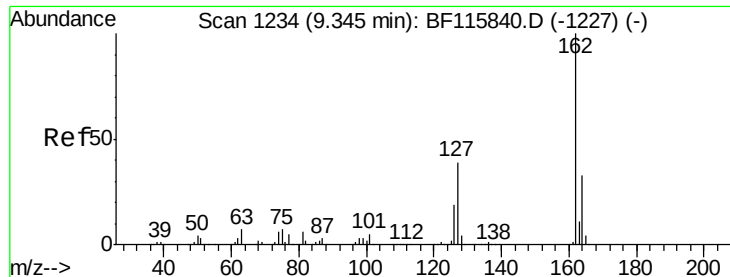
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#46
1,1'-Biphenyl
Concen: 44.256 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	13.4	0.0	34.3





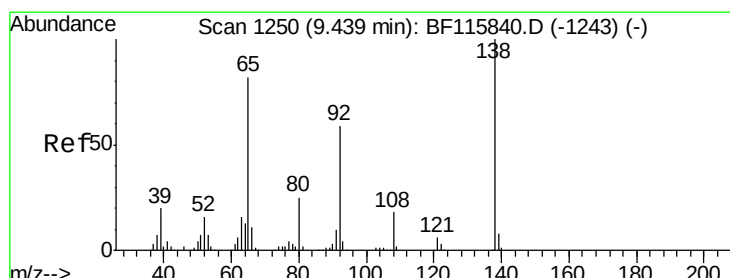
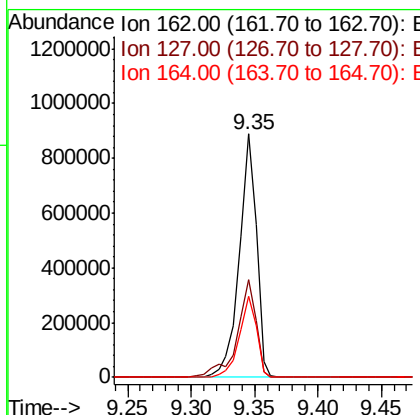
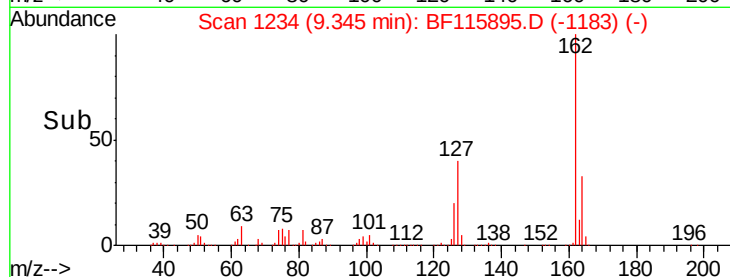
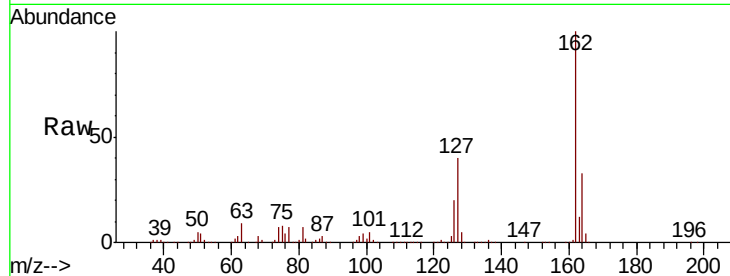
#47
 2-Chloronaphthalene
 Concen: 42.689 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.3		31.3	46.9	
164	33.4		26.6	40.0	

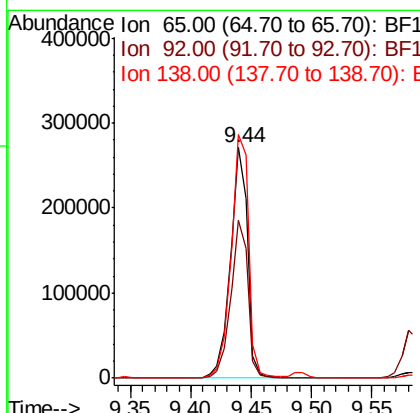
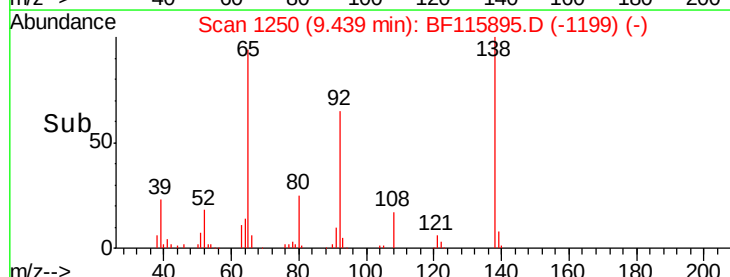
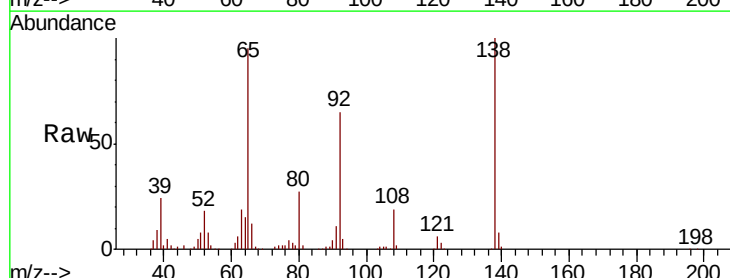
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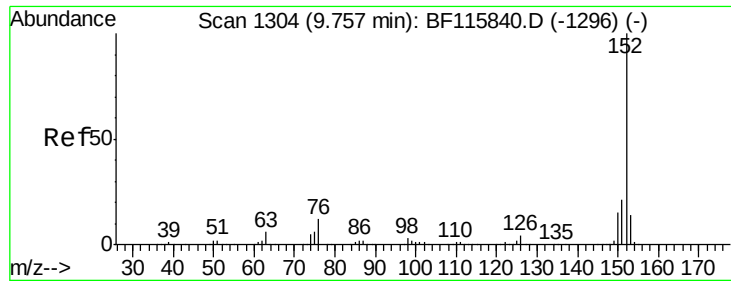
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#48
 2-Nitroaniline
 Concen: 41.781 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.4		57.1	85.7	
138	105.5		97.1	145.7	





#49

Acenaphthylene

Concen: 44.323 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB121854BS

Tot Ion:152 Resp: 1251075

Ion Ratio Lower Upper

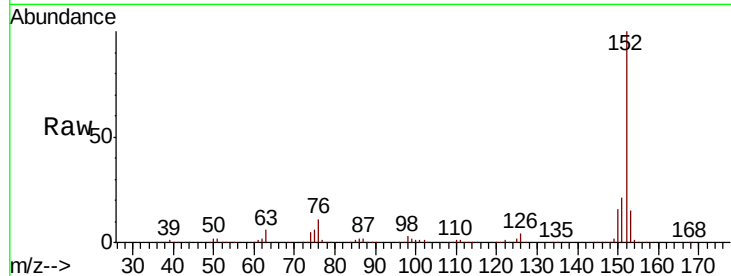
152 100

151 21.4 16.8 25.2

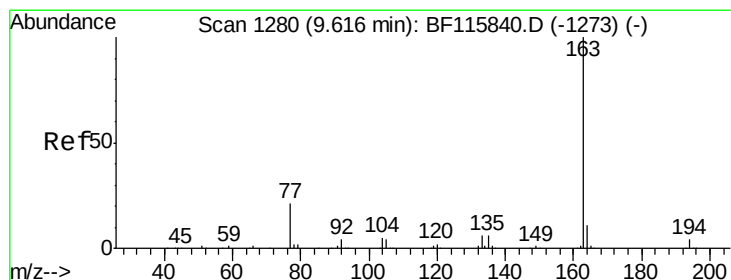
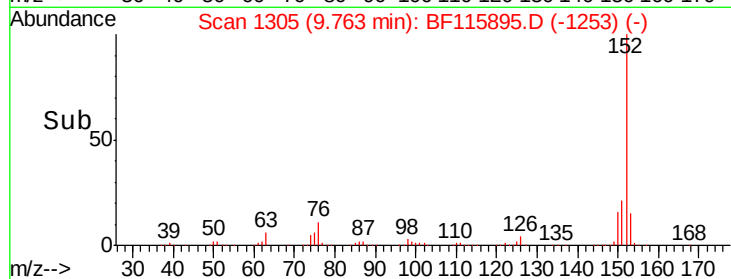
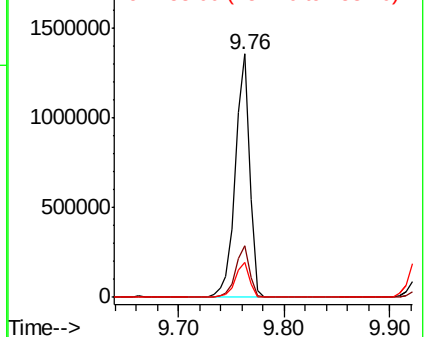
153 14.5 11.6 17.4

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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: 43.627 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

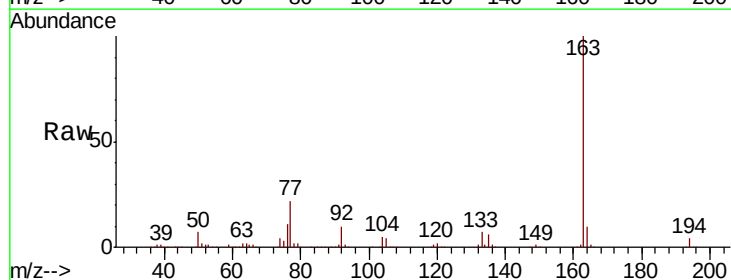
Tgt Ion:163 Resp: 978093

Ion Ratio Lower Upper

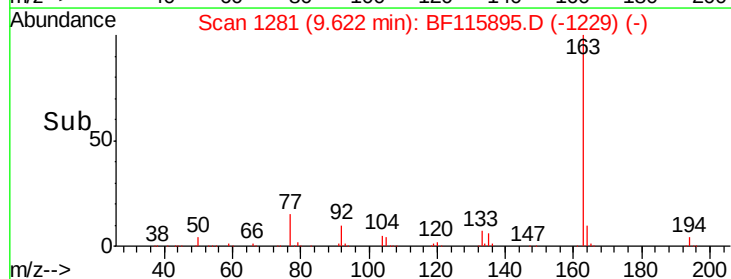
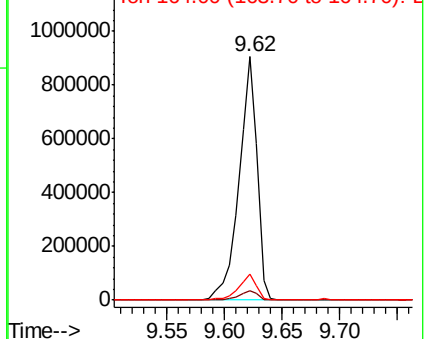
163 100

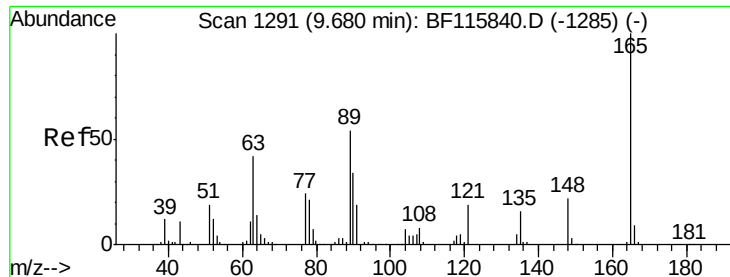
194 3.9 3.0 4.6

164 10.5 8.4 12.6



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





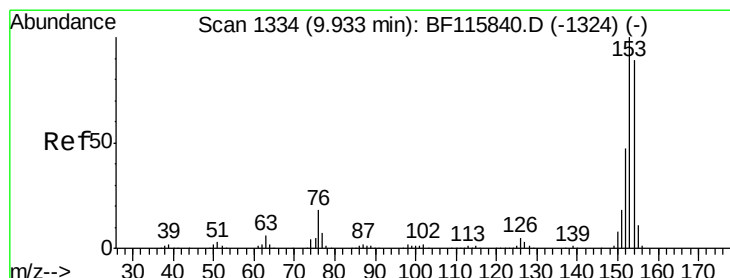
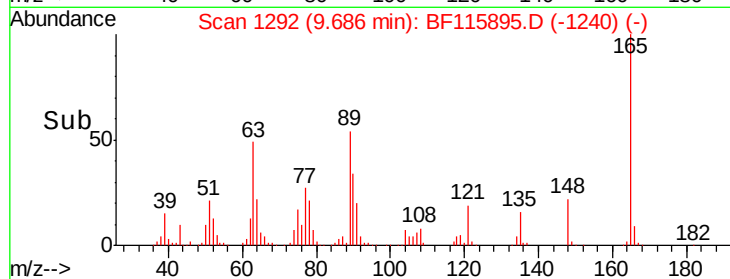
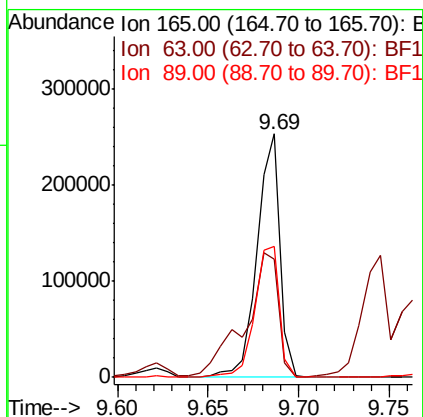
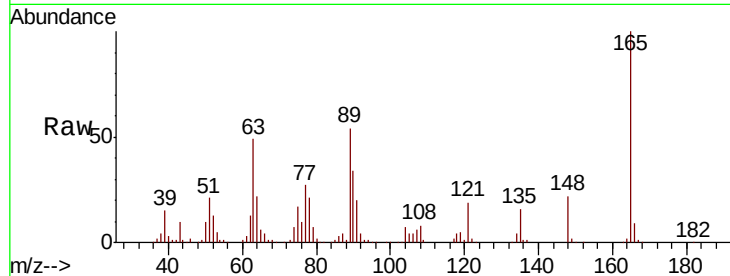
#51
 2,6-Dinitrotoluene
 Concen: 45.435 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.5	39.4	59.2	
89	53.9	43.0	64.6	

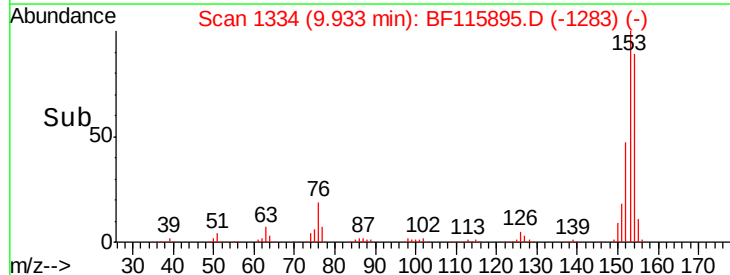
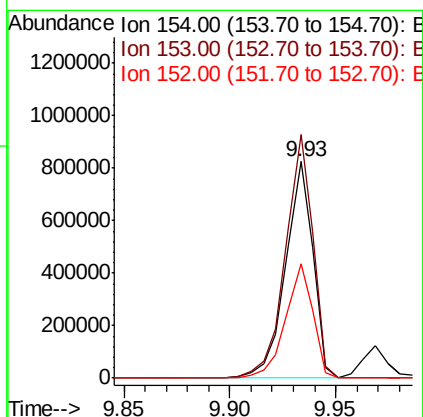
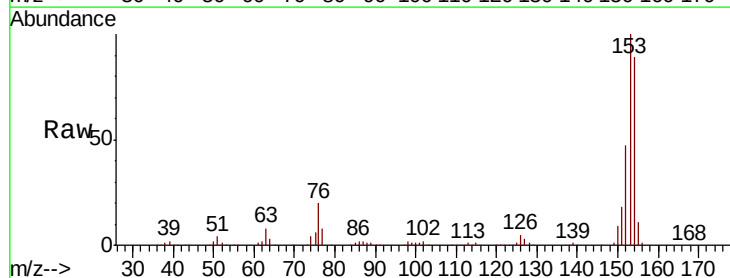
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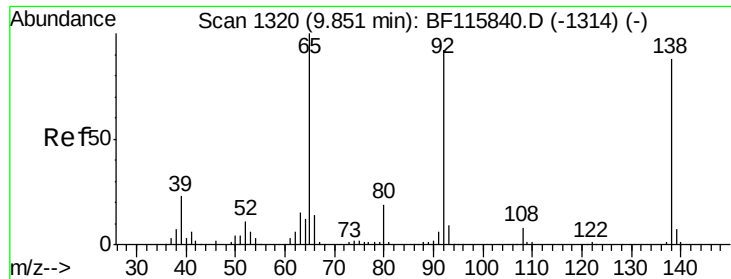
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#52
 Acenaphthene
 Concen: 43.364 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	90.1	135.1	
152	52.9	42.6	63.8	





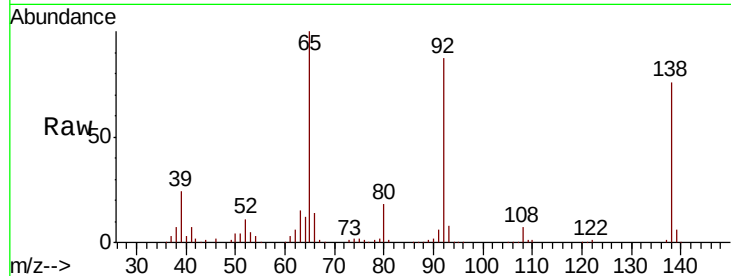
#53
3-Nitroaniline
Concen: 30.928 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	186189		
108	9.5	7.4	11.2	
92	114.3	83.9	125.9	

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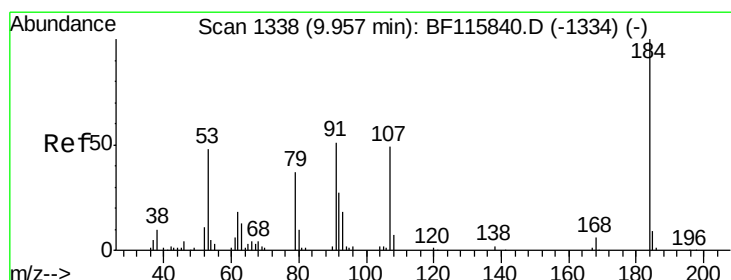
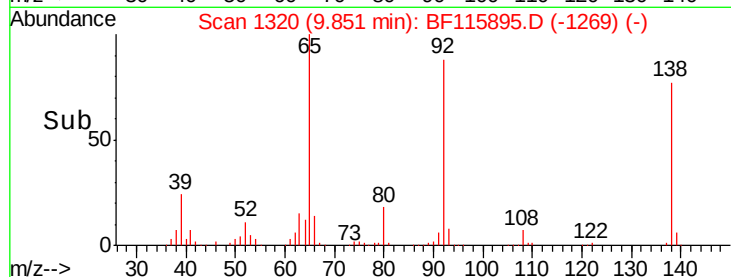
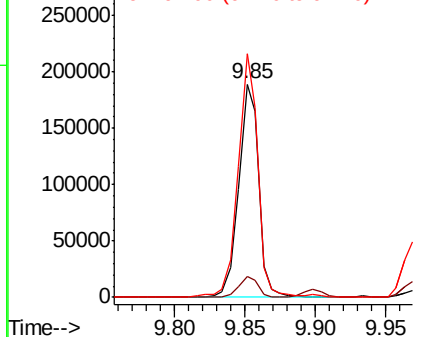


Abundance

Ion 138.00 (137.70 to 138.70): E

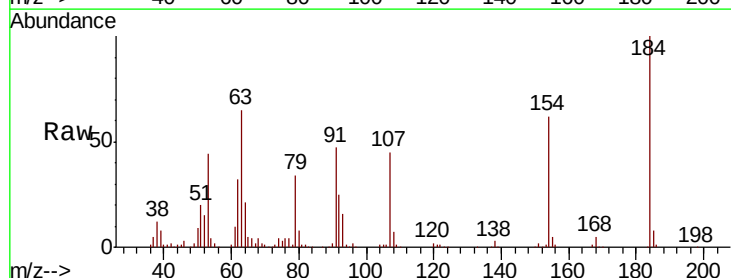
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 71.144 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	173922		
63	64.8	56.7	85.1	
154	62.5	51.9	77.9	

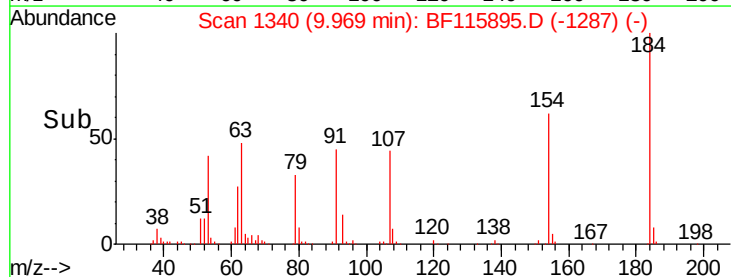
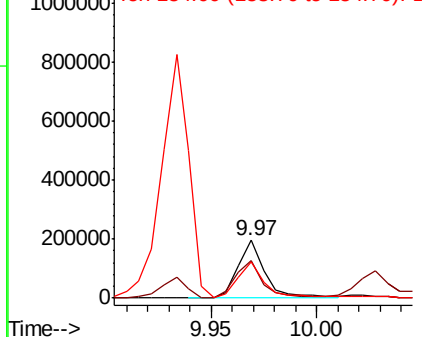


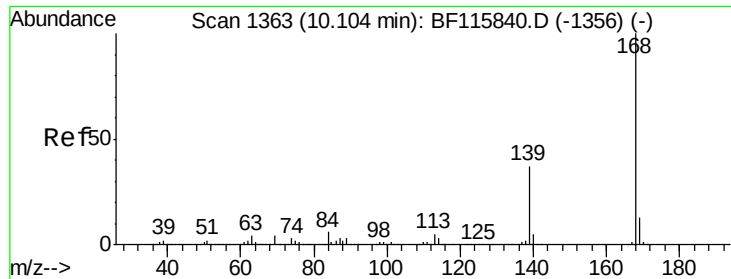
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





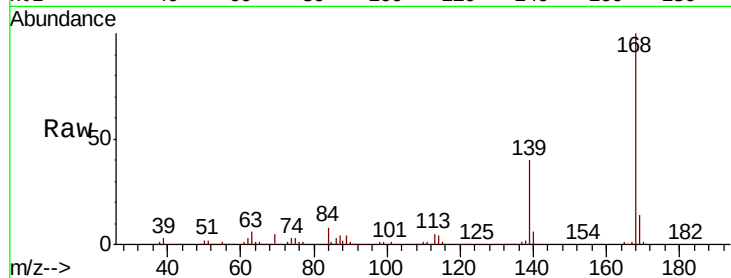
#55
Dibenzenofuran
Concen: 44.480 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampled :
PB121854BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.2	45.2
169	14.0	10.8	16.2

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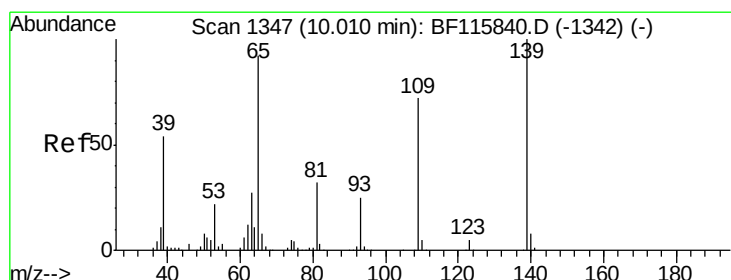
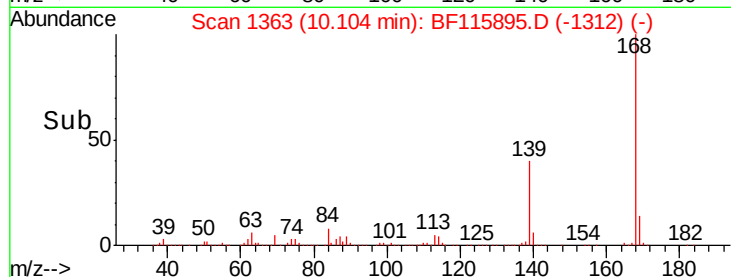
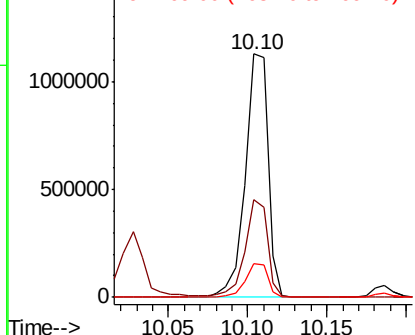


Abundance

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: 83.315 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

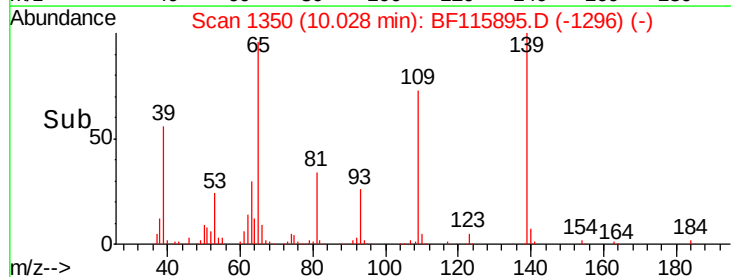
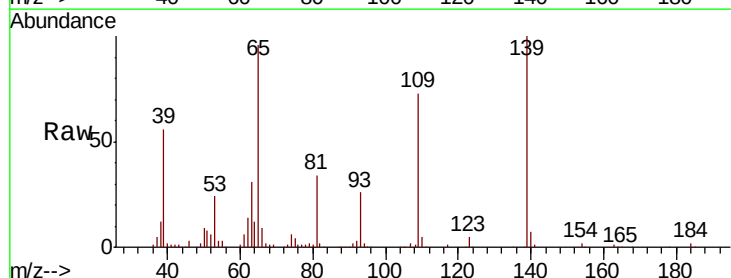
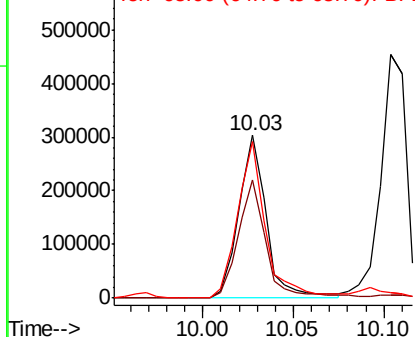
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.0	92.0
65	96.0	72.6	112.6

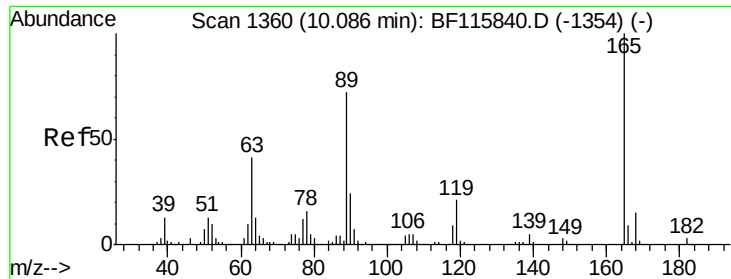
Abundance

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





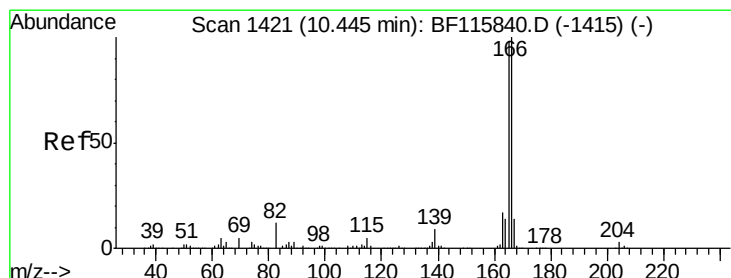
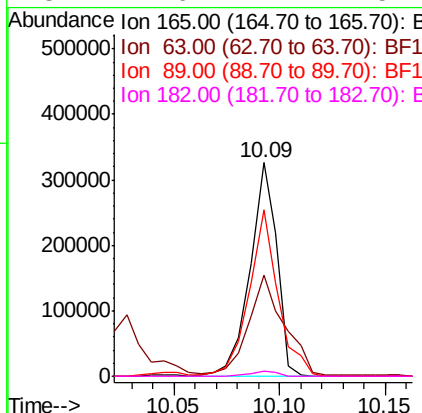
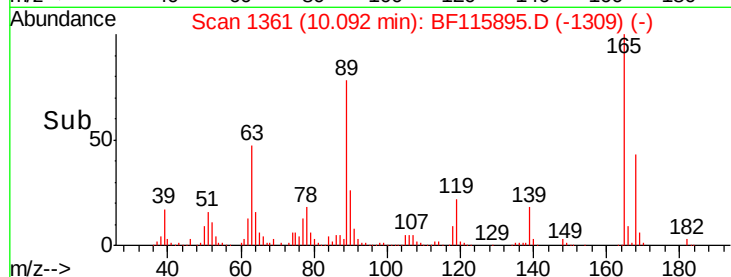
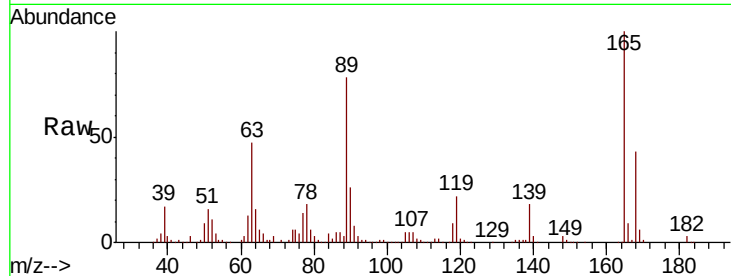
#57
2,4-Dinitrotoluene
Concen: 44.488 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	47.2	33.2	49.8
89	78.1	57.3	85.9
182	2.6	2.1	3.1

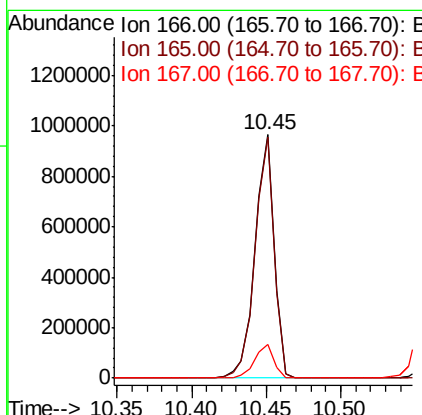
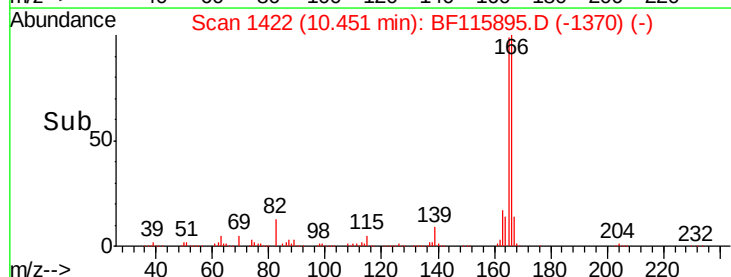
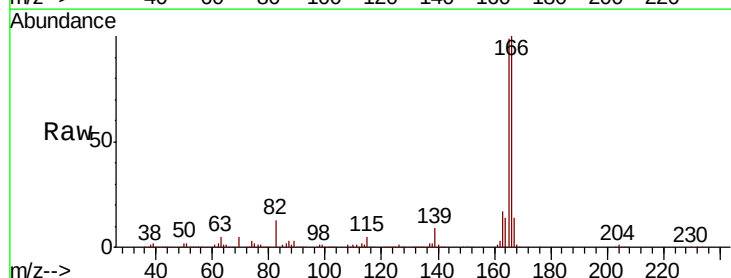
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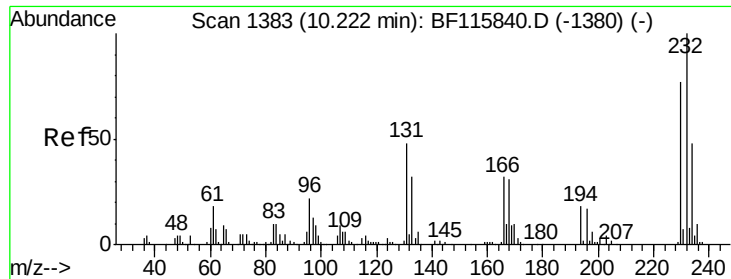
mohammad
8/5/2019 1:47:44 PM



#58
Fluorene
Concen: 43.744 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.0	78.6	118.0
167	13.8	10.9	16.3





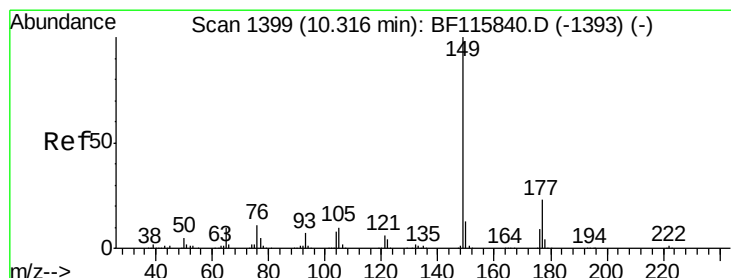
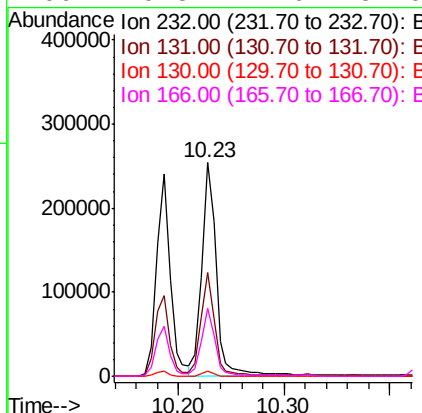
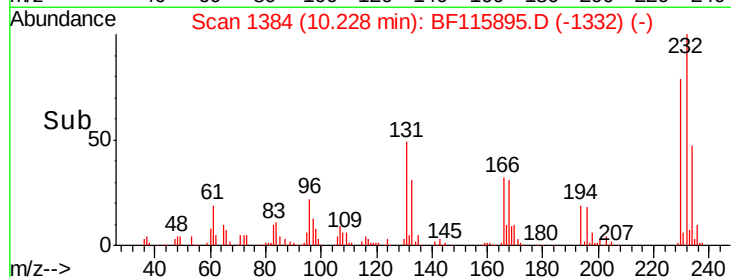
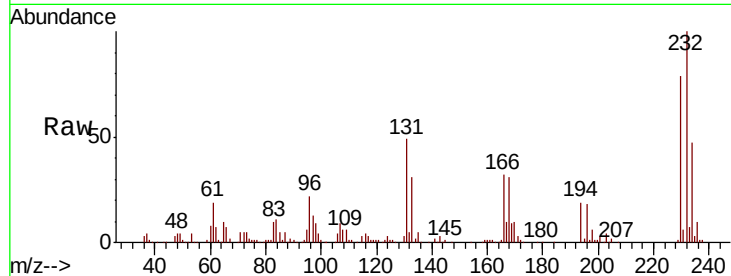
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.254 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	238459		
131	46.9		37.6	56.4
130	2.4		1.8	2.8
166	29.8		24.6	37.0

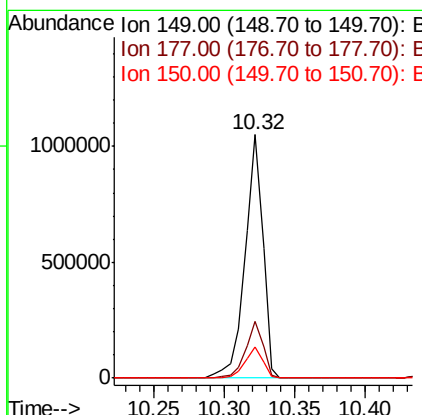
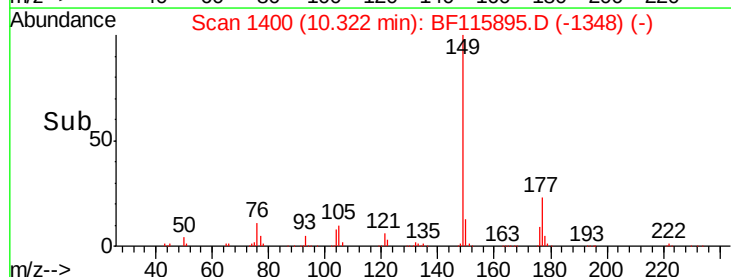
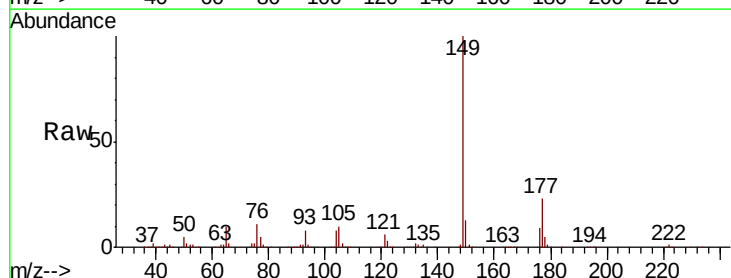
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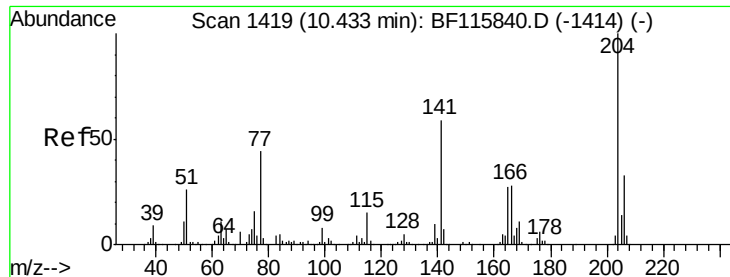
mohammad
 8/5/2019 1:47:44 PM



#60
 Diethylphthalate
 Concen: 44.315 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	927570		
177	23.3		18.4	27.6
150	12.8		10.1	15.1





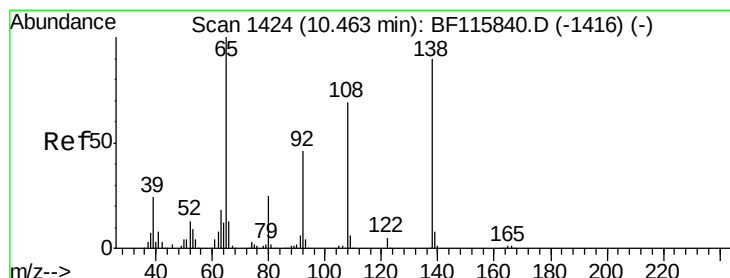
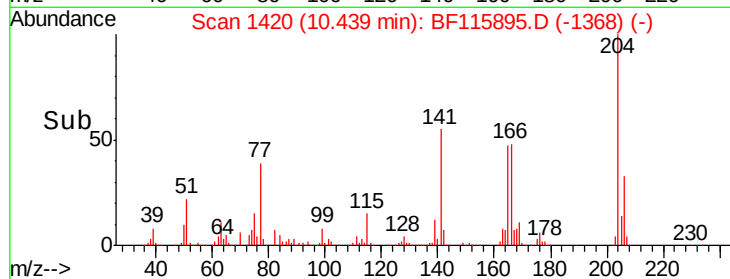
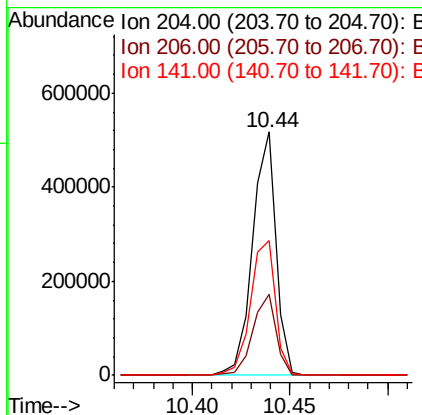
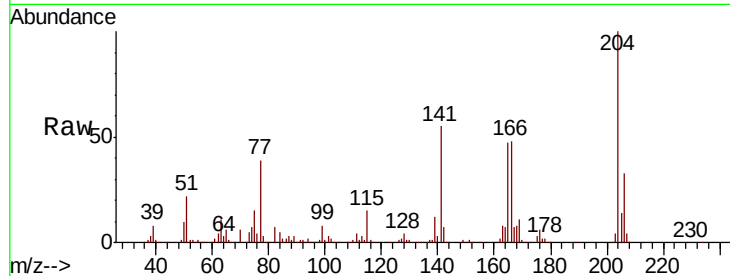
#61
 4-Chlorophenyl-phenylether
 Concen: 43.984 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion:	204	Resp:	431594
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.4	39.6
141	55.4	47.0	70.4

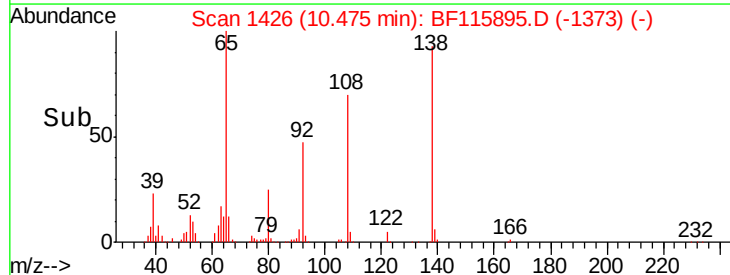
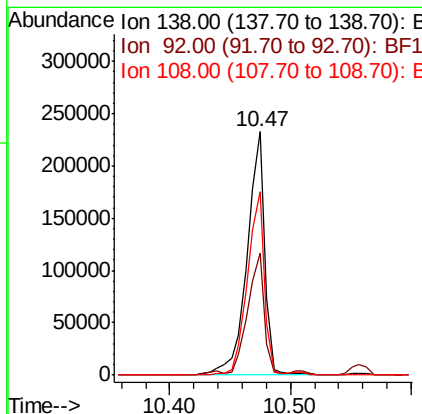
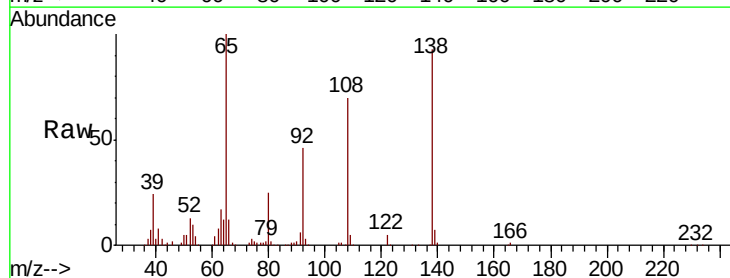
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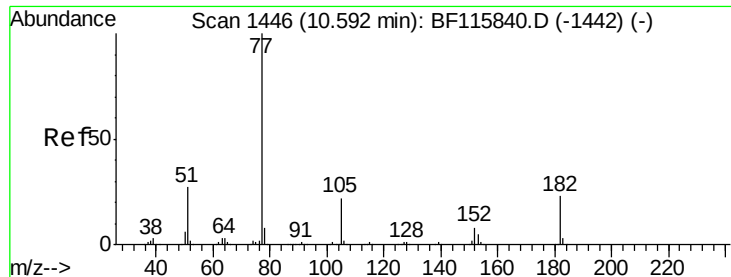
mohammad
 8/5/2019 1:47:44 PM



#62
 4-Nitroaniline
 Concen: 38.537 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion:	138	Resp:	239756
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.0	71.0
108	75.4	56.7	96.7





#63

Azobenzene

Concen: 44.907 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

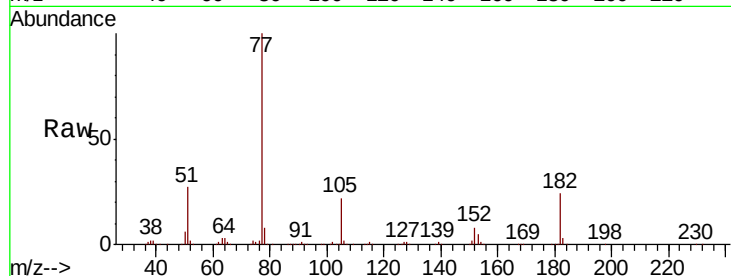
ClientSampleId :

PB121854BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.3	2.6	42.6
105	21.9	1.6	41.6
51	27.3	7.4	47.4

Manual Integrations
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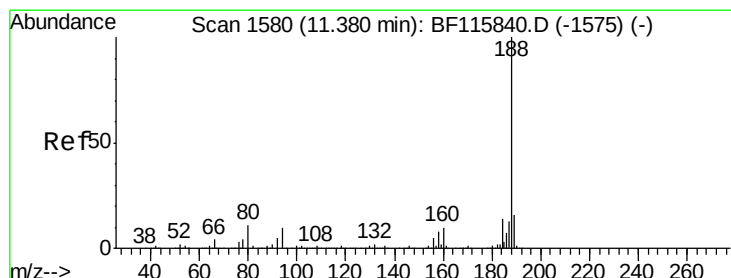
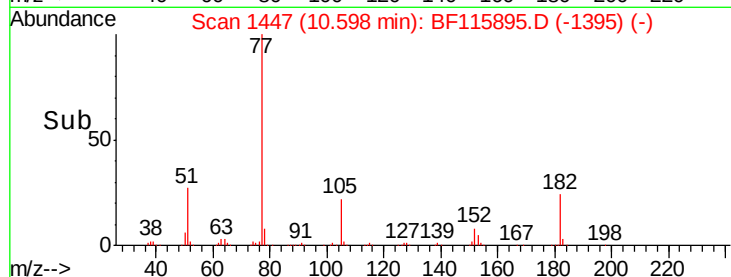
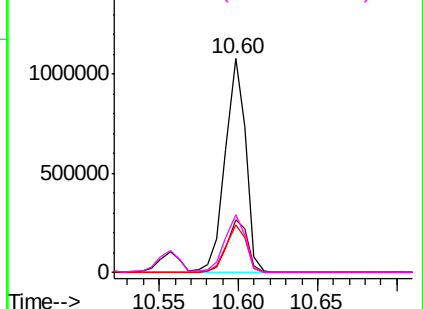


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115895.D

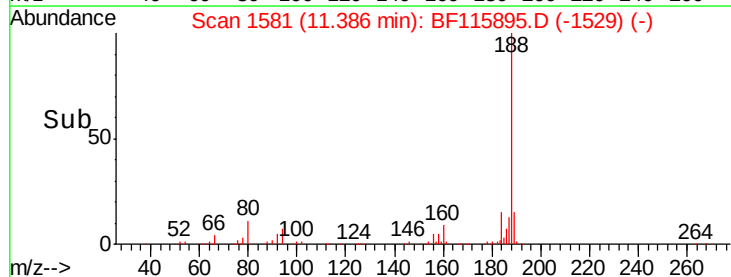
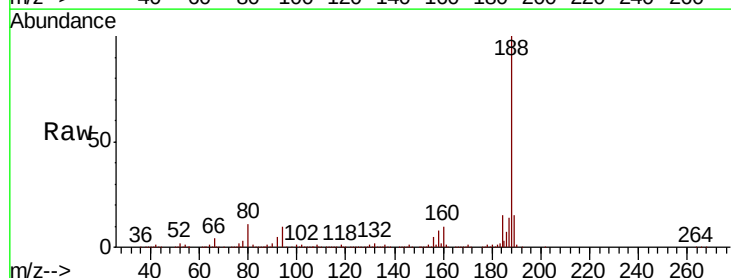
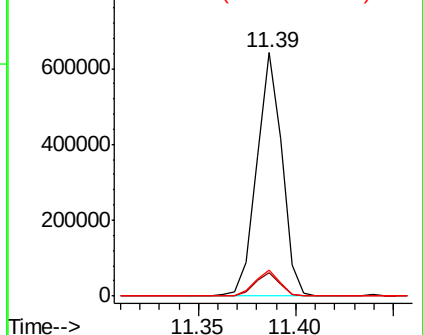
Acq: 1 Aug 2019 9:36

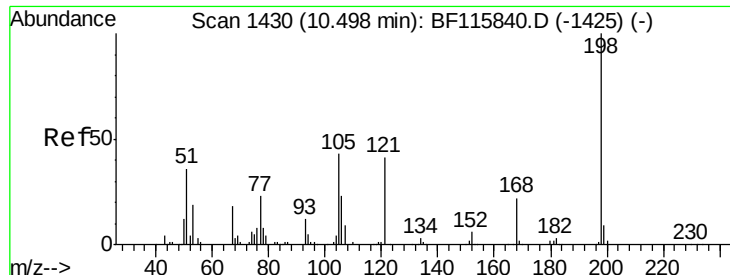
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.9	8.6	12.8

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





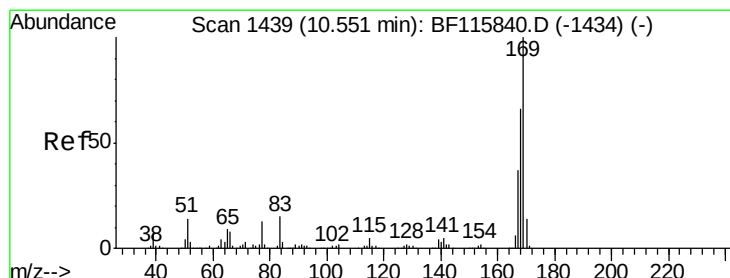
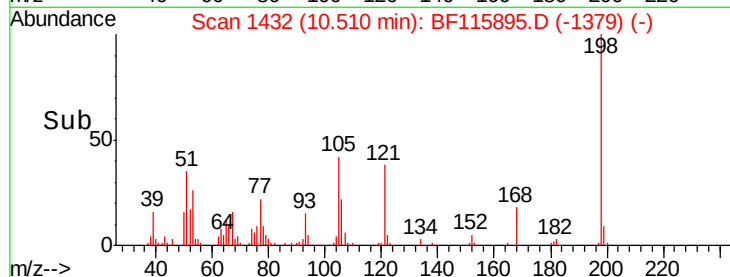
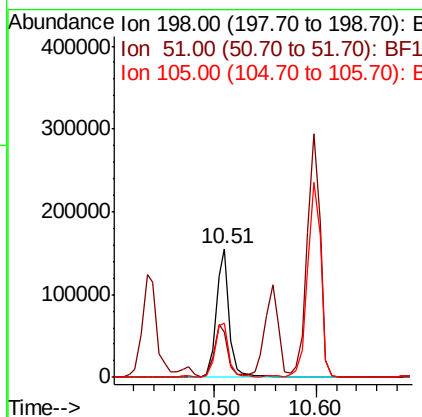
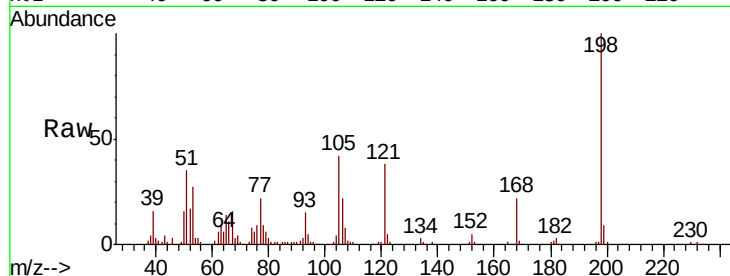
#65
4,6-Dinitro-2-methylphenol
Concen: 45.418 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138237		
51	35.1	21.1	61.1	
105	41.6	24.5	64.5	

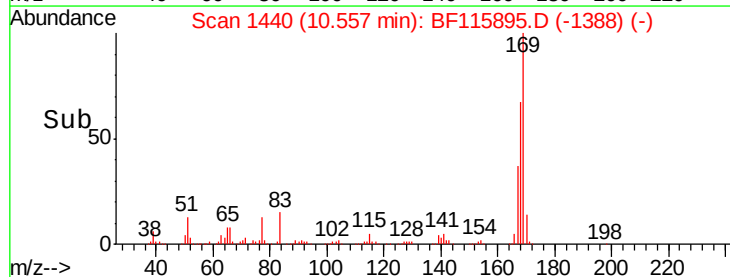
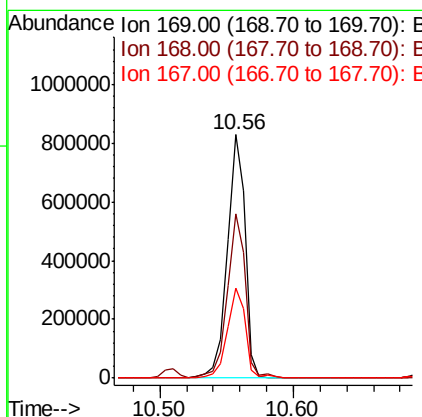
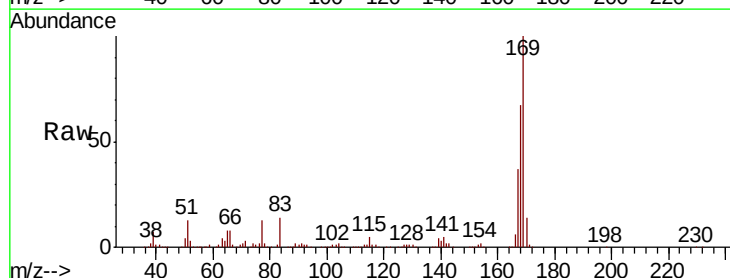
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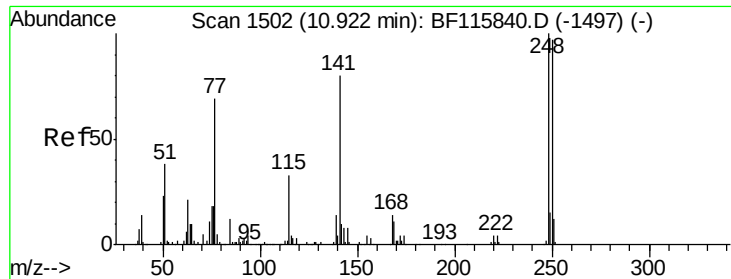
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.366 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	784257		
168	67.5	53.0	79.6	
167	37.1	29.9	44.9	





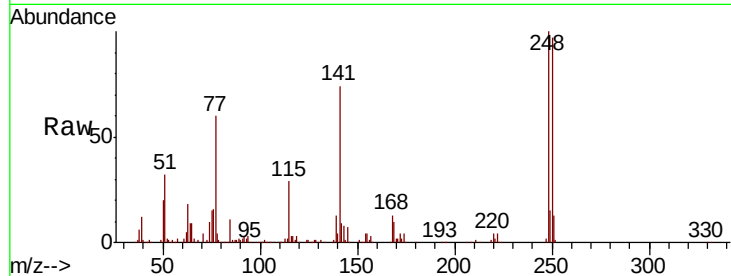
#67
4-Bromophenyl-phenylether
Concen: 43.931 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	74.0	64.3	96.5

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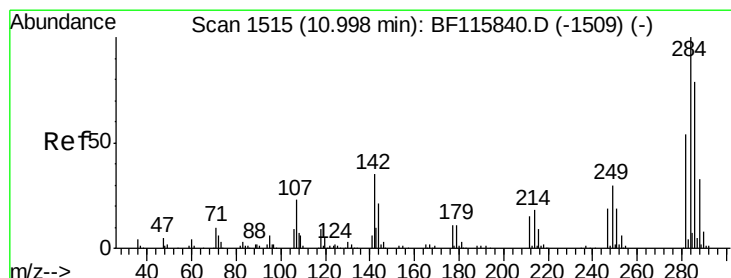
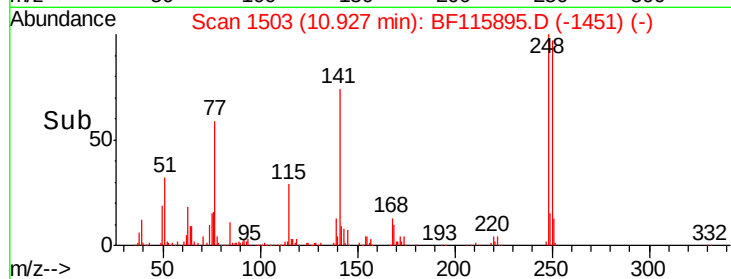
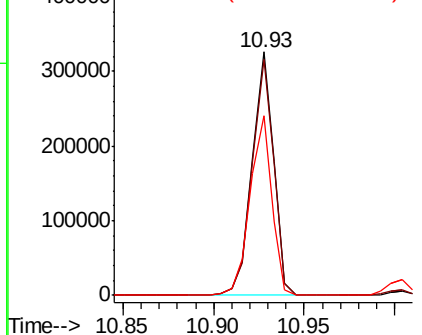


Abundance

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: 42.565 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

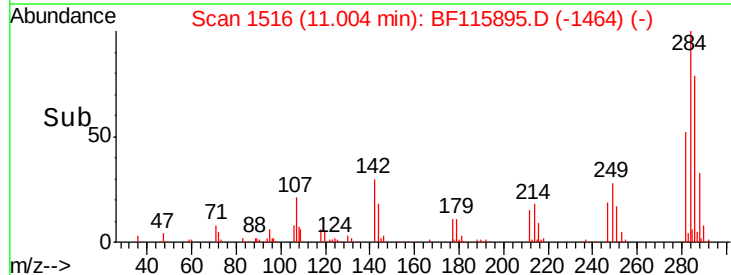
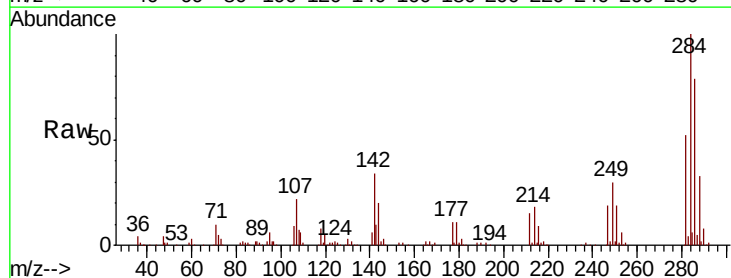
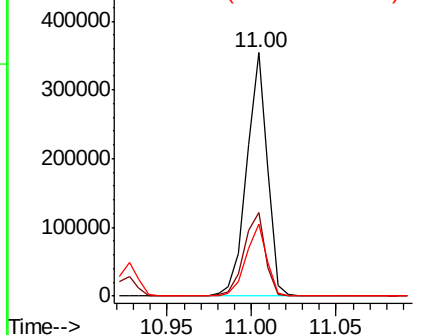
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.2	42.2
249	29.7	24.0	36.0

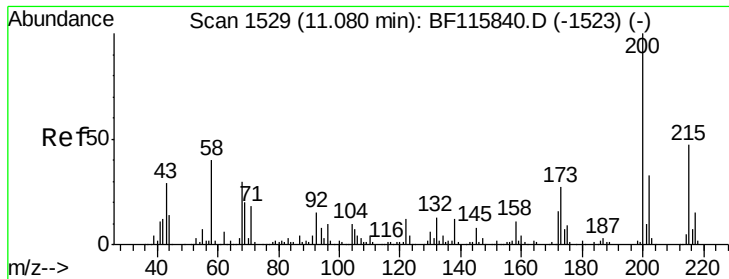
Abundance

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





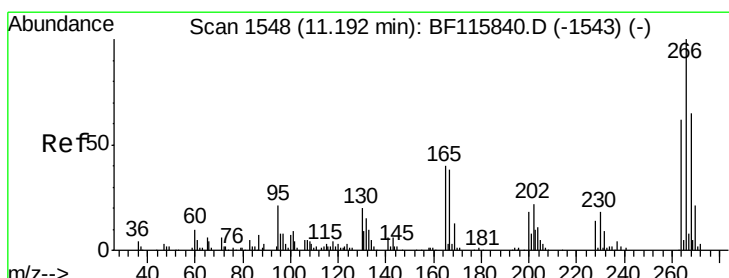
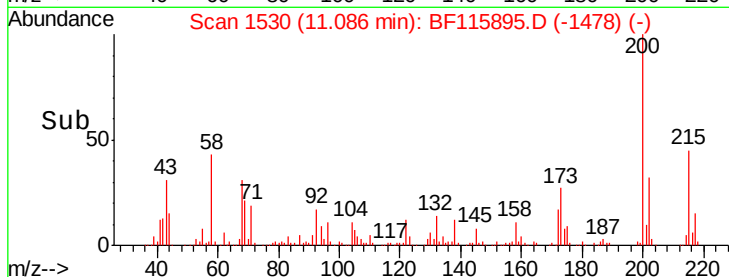
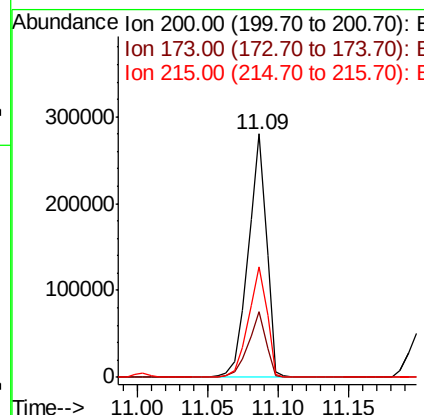
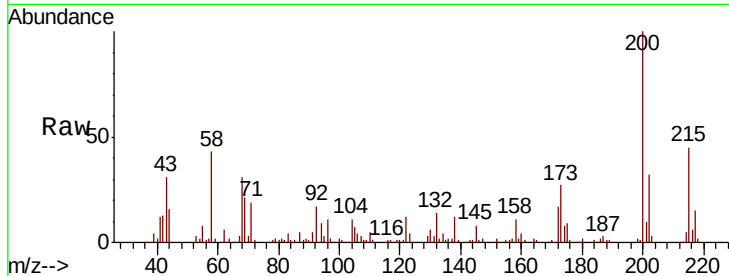
#69
 Atrazine
 Concen: 44.402 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	7.3	47.3
215	45.3	26.9	66.9

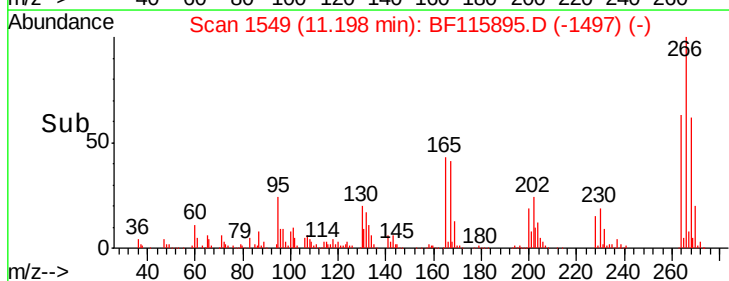
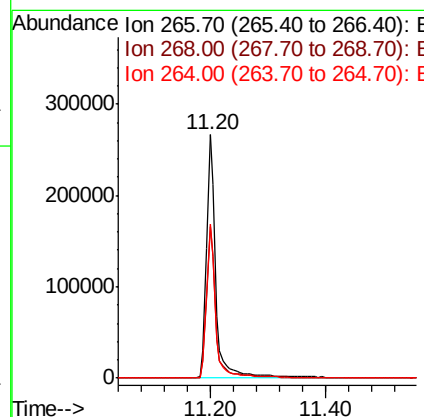
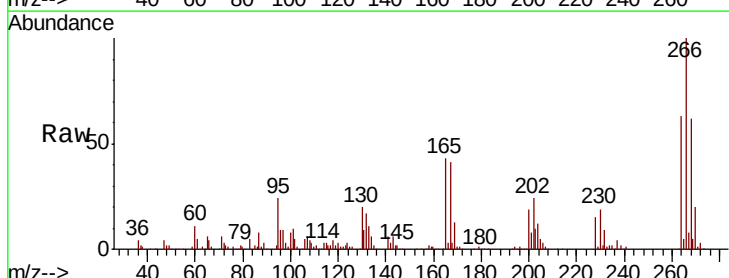
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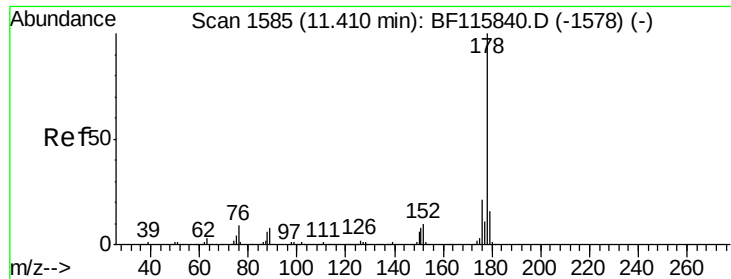
mohammad
 8/5/2019 1:47:44 PM



#70
 Pentachlorophenol
 Concen: 89.556 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	51.6	77.4
264	63.4	49.4	74.0





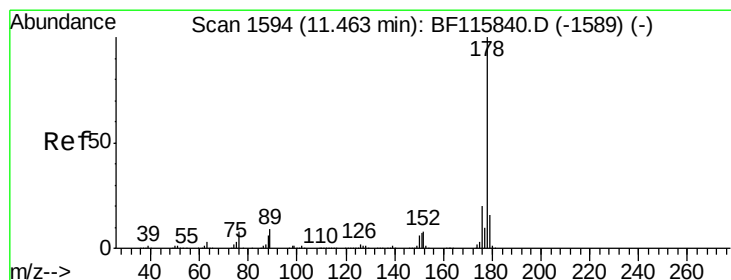
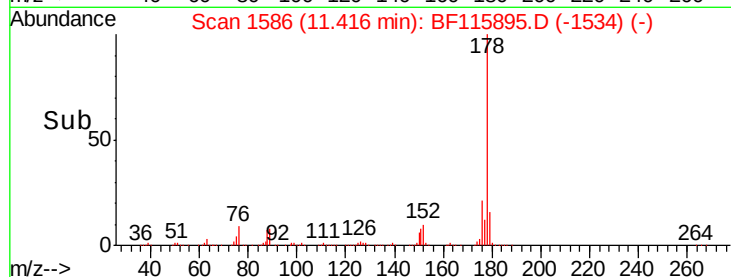
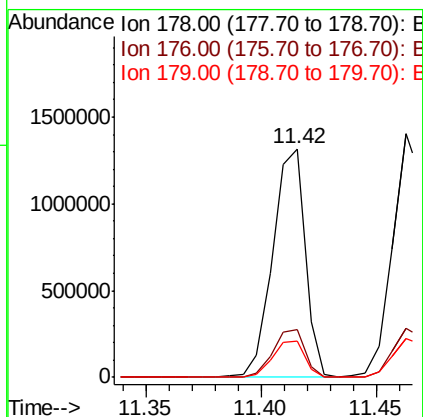
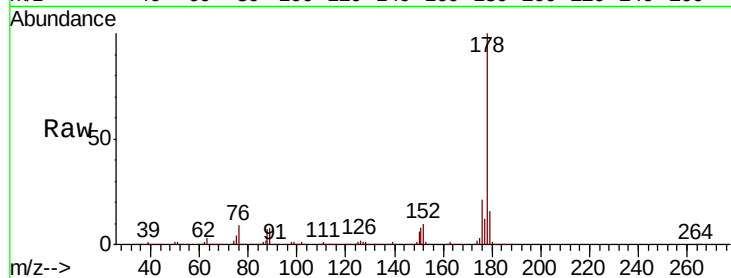
#71
Phenanthrene
Concen: 43.756 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion:178 Resp: 1284754
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 15.8 12.6 18.8

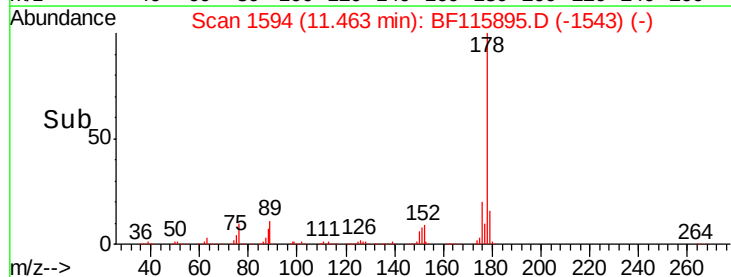
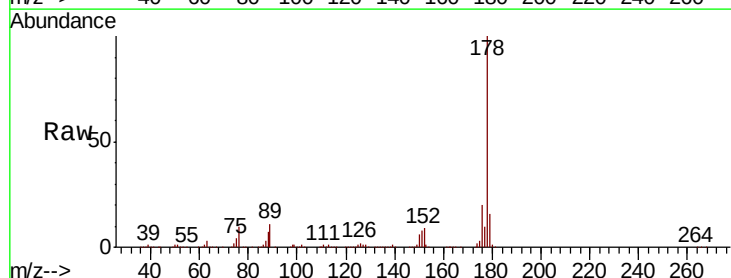
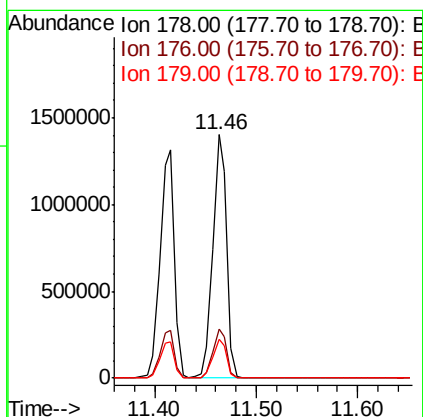
Manual Integrations
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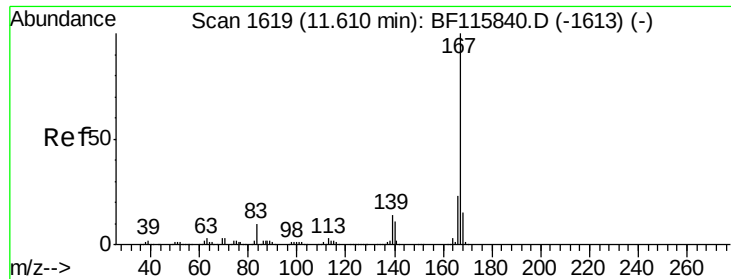
mohammad
8/5/2019 1:47:44 PM



#72
Anthracene
Concen: 44.569 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:178 Resp: 1324374
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.1 12.4 18.6





#73

Carbazole

Concen: 43.503 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB121854BS

Tot Ion:167 Resp: 1172803

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

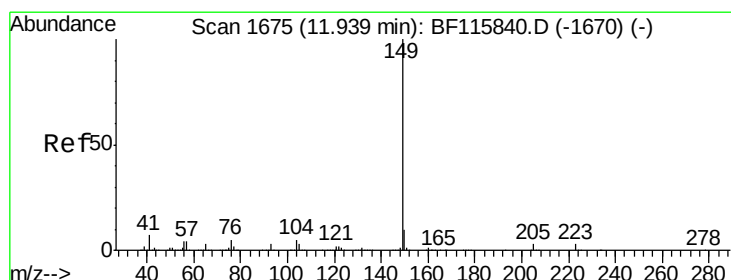
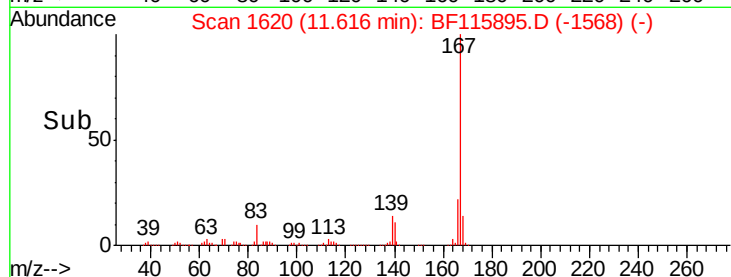
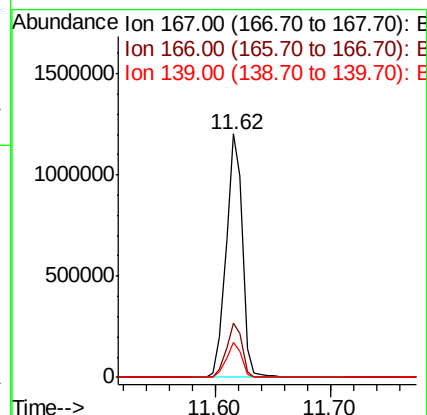
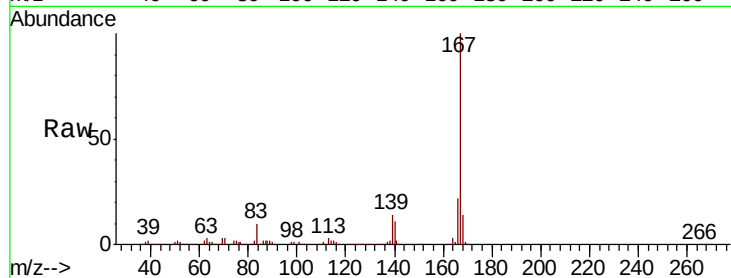
139 14.3 11.4 17.2

Manual Integrations

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mohammad

8/5/2019 1:47:44 PM



#74

Di-n-butylphthalate

Concen: 45.264 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

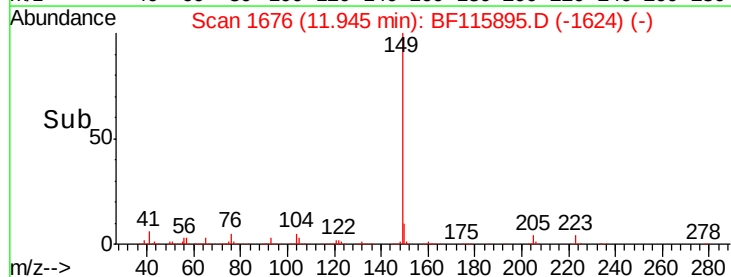
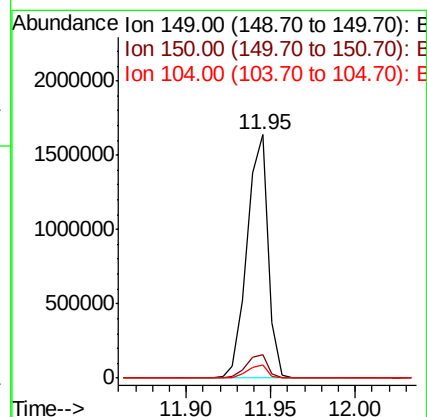
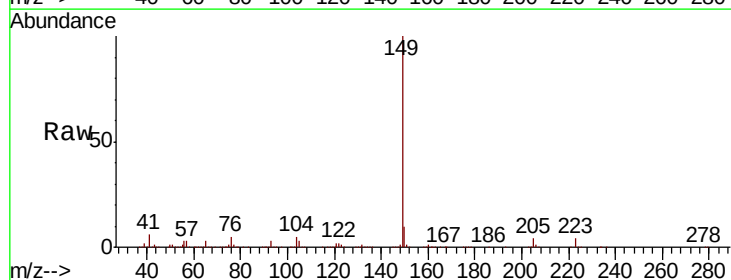
Tgt Ion:149 Resp: 1423532

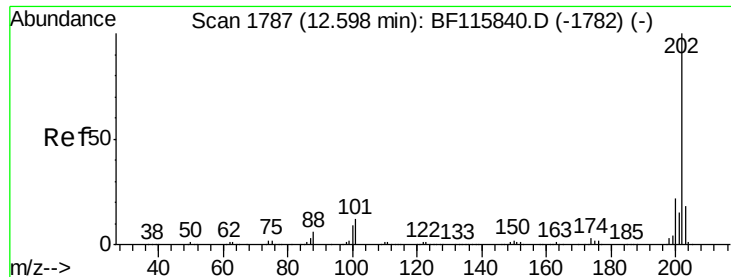
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.2 4.3 6.5





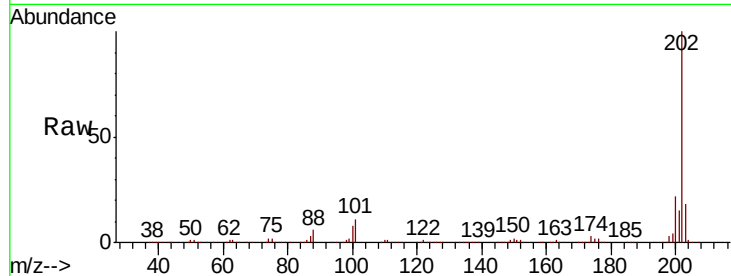
#75
 Fluoranthene
 Concen: 44.161 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1357456		
101	11.3	0.0	31.5	
203	18.1	0.0	37.9	

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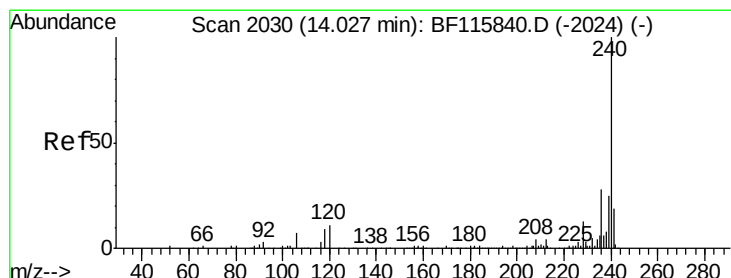
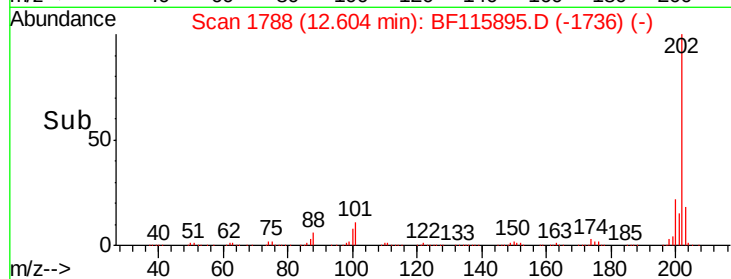
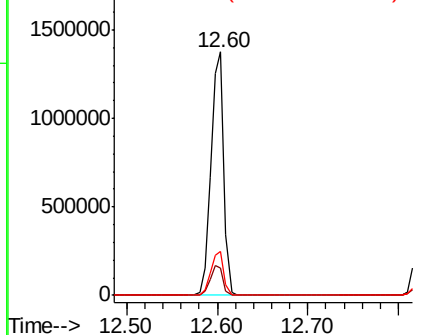


Abundance

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: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

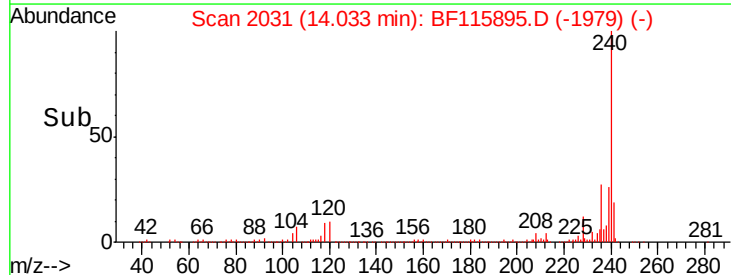
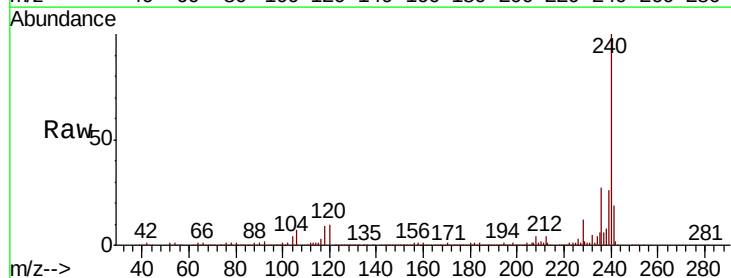
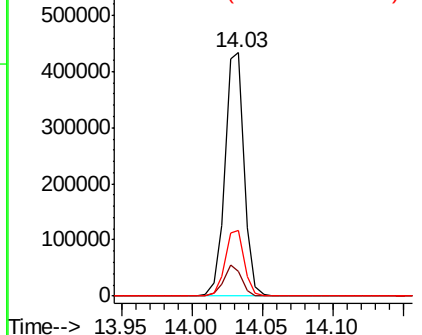
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	406286		
120	9.9	8.5	12.7	
236	26.8	22.2	33.2	

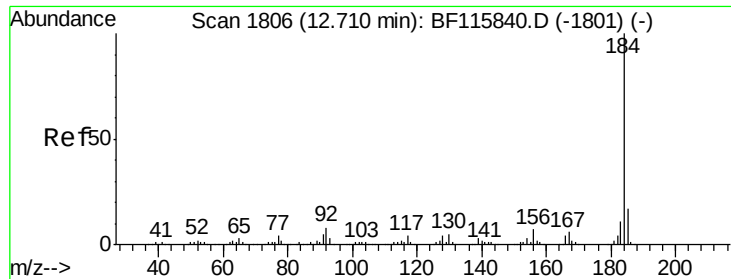
Abundance

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





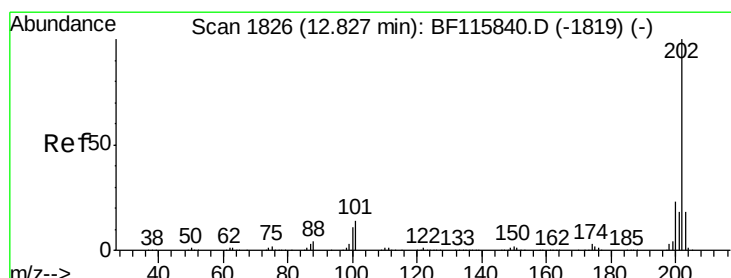
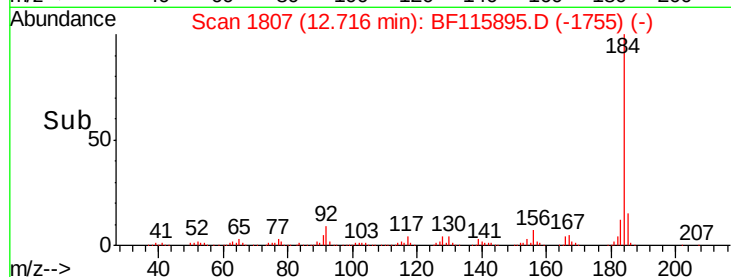
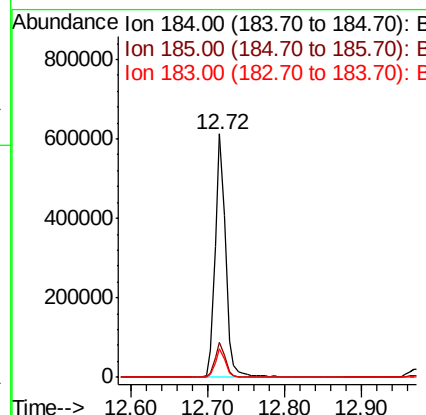
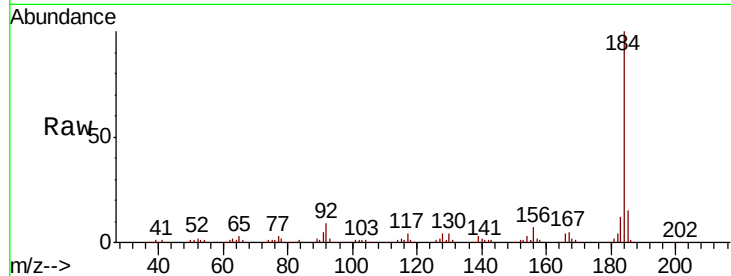
#77
Benzidine
Concen: 41.624 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.6	9.1	13.7

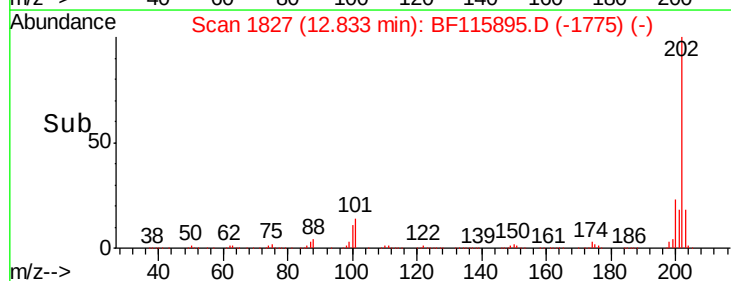
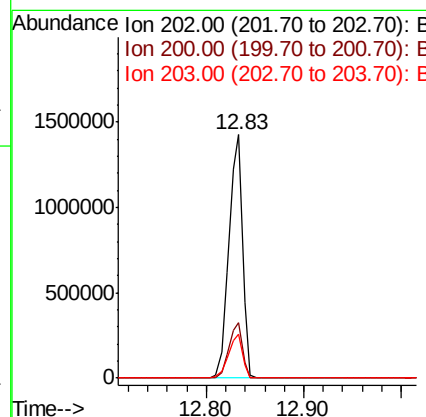
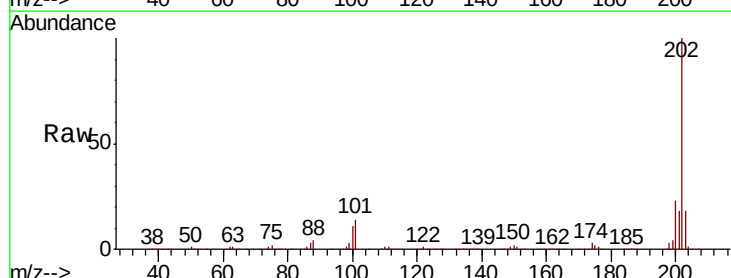
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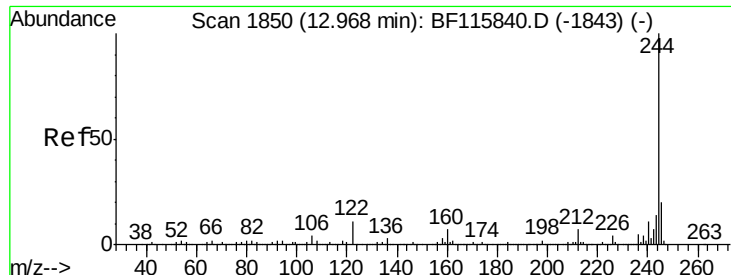
mohammad
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#78
Pyrene
Concen: 45.316 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	17.9	14.3	21.5





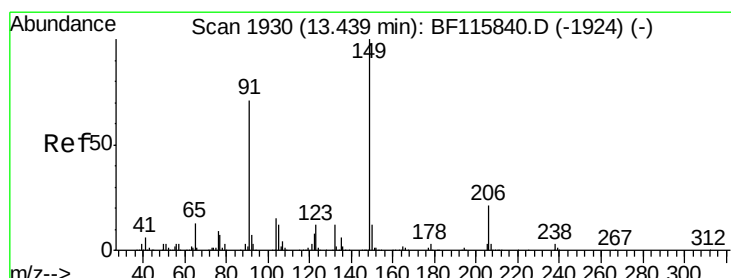
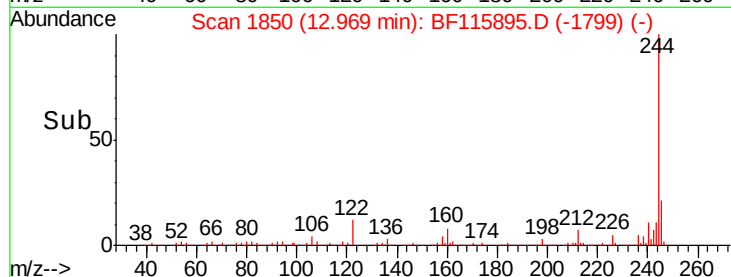
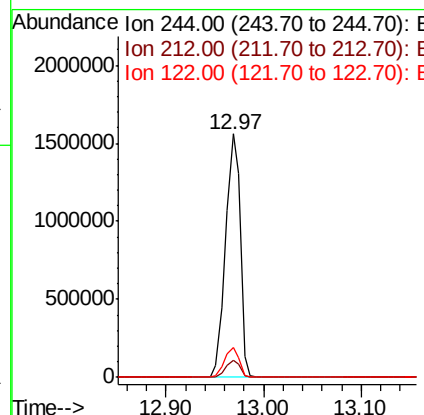
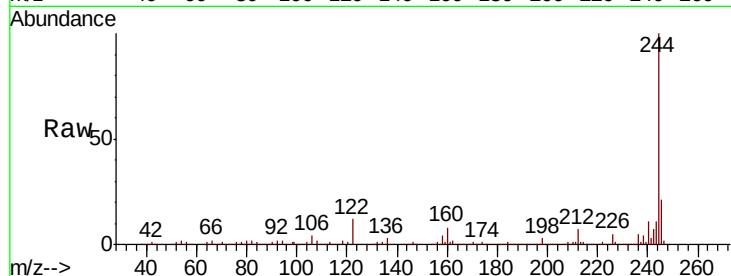
#79
 Terphenyl-d14
 Concen: 84.602 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.3	8.6	13.0

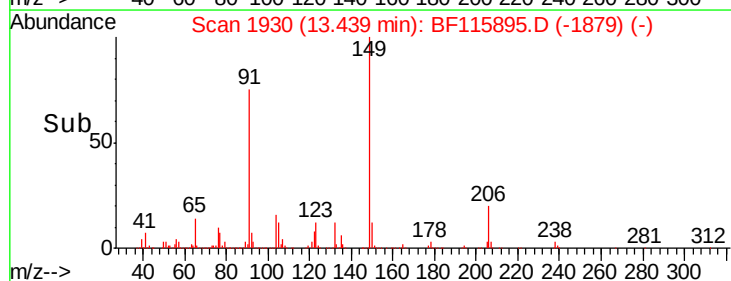
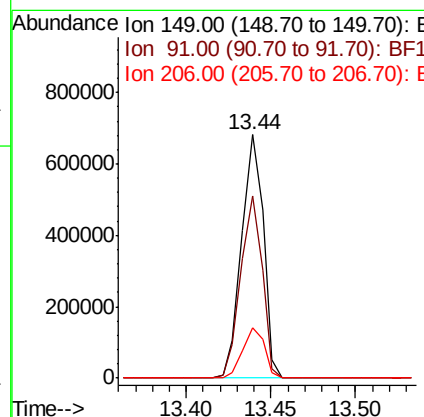
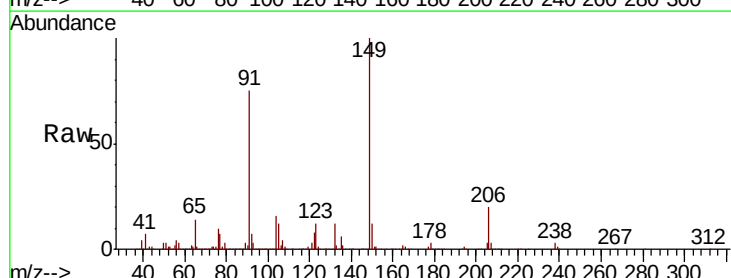
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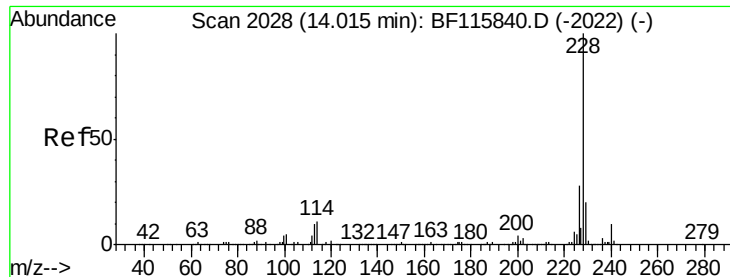
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#80
 Butylbenzylphthalate
 Concen: 47.396 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.0	85.6
206	20.5	16.9	25.3





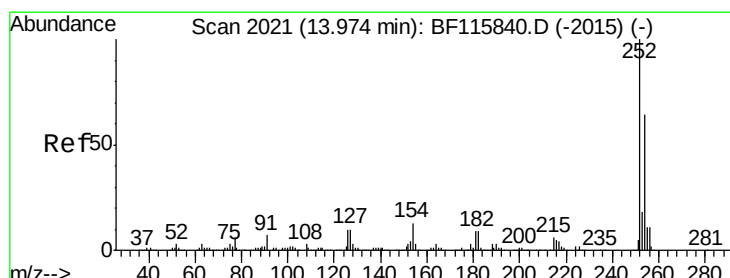
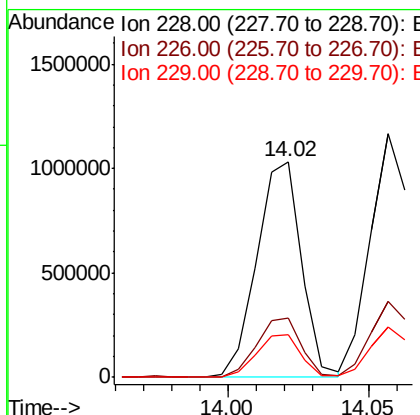
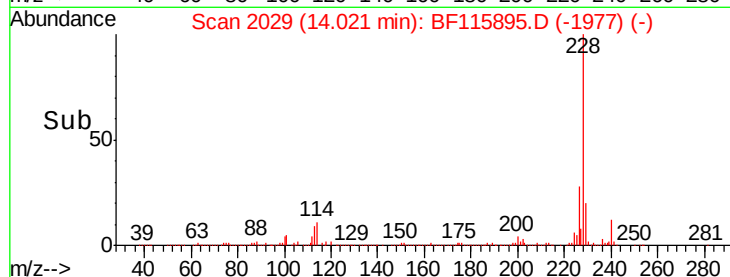
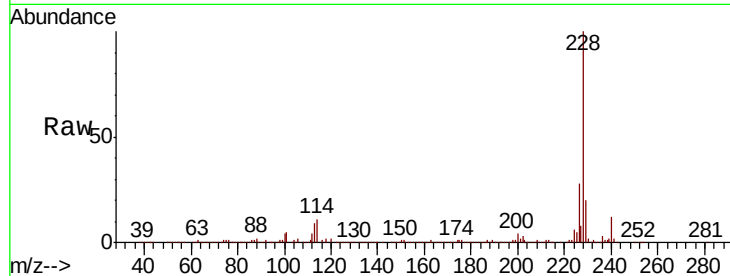
#81
Benzo(a)anthracene
Concen: 43.567 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	19.9	16.1	24.1

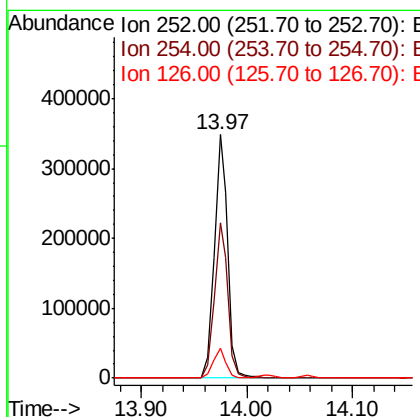
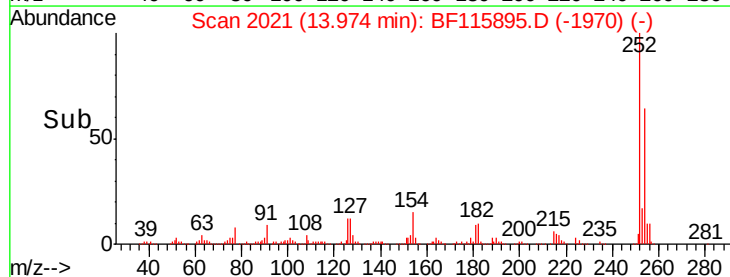
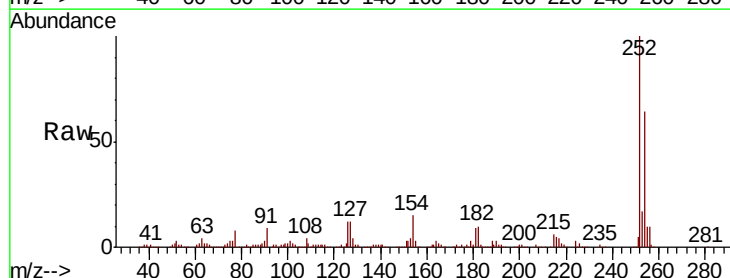
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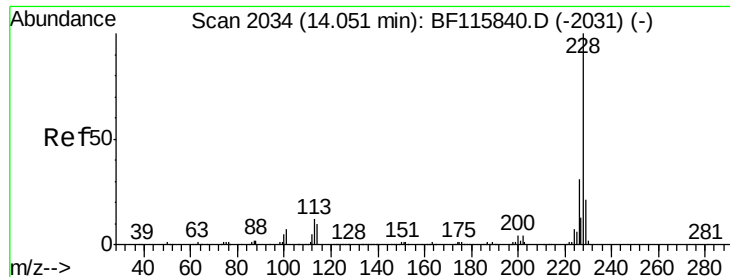
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.764 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	12.2	8.1	12.1





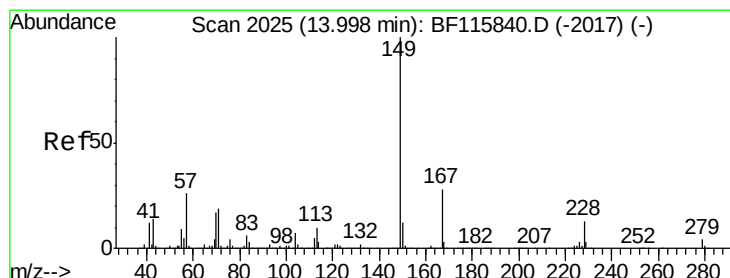
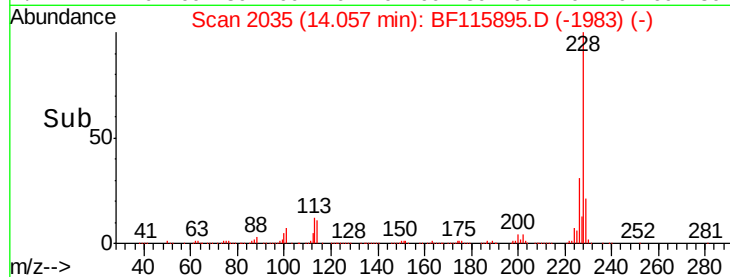
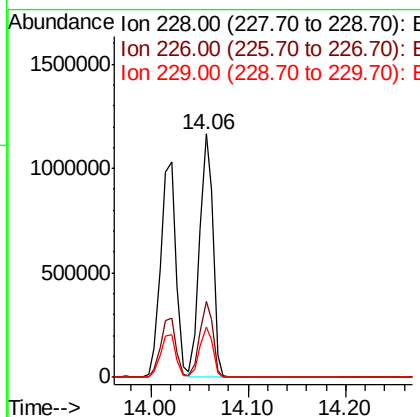
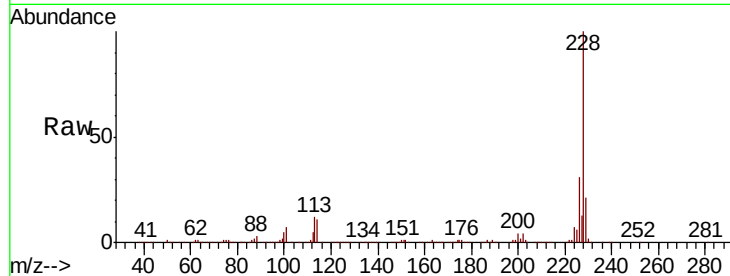
#83
 Chrysene
 Concen: 43.419 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.2	24.8	37.2	
229	20.7	16.4	24.6	

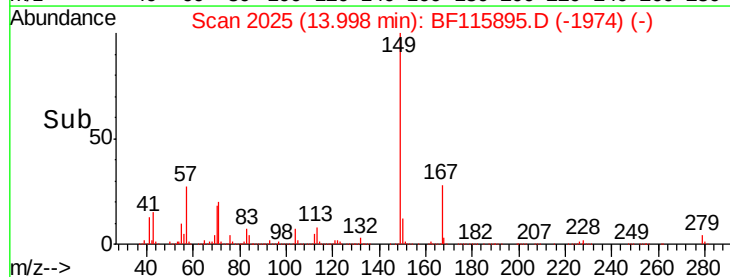
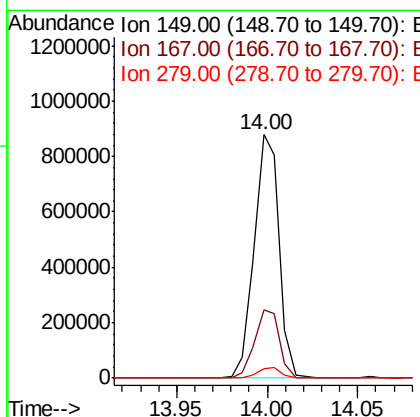
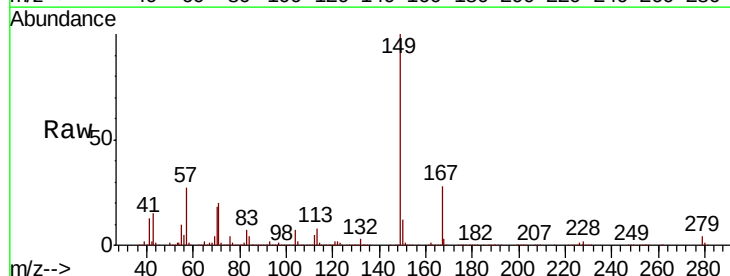
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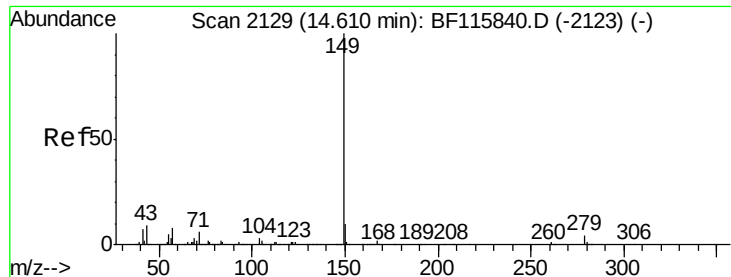
mohammad
 8/5/2019 1:47:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.728 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.8	22.4	33.6	
279	3.7	3.3	4.9	





#85

Di-n-octyl phthalate

Concen: 48.746 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB121854BS

Tot Ion:149 Resp: 1303488

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

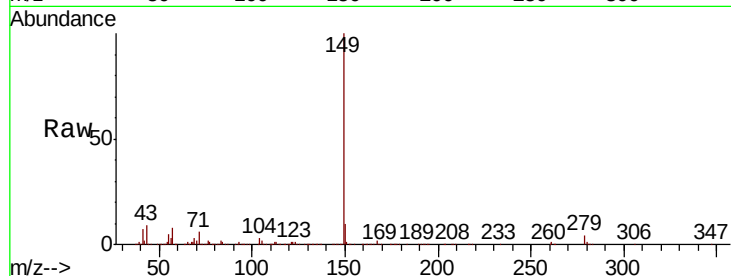
43 9.1 7.4 11.0

Manual Integrations

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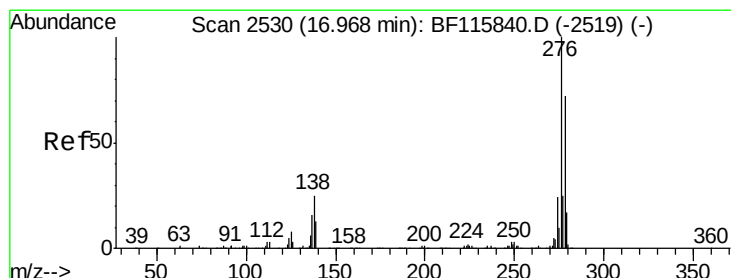
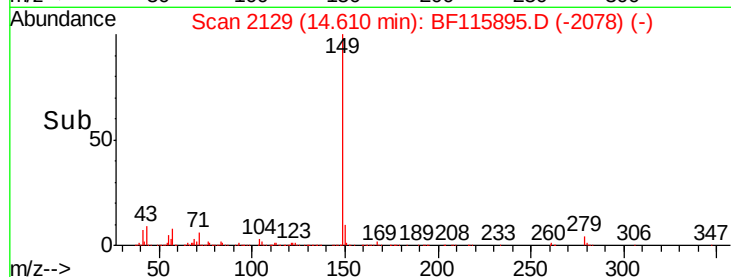
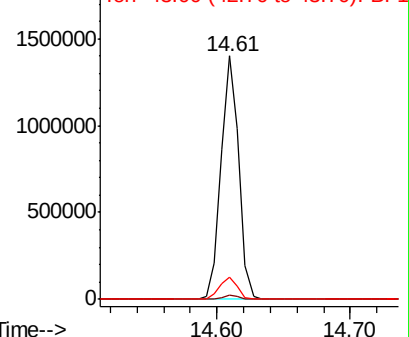
8/5/2019 1:47:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.986 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

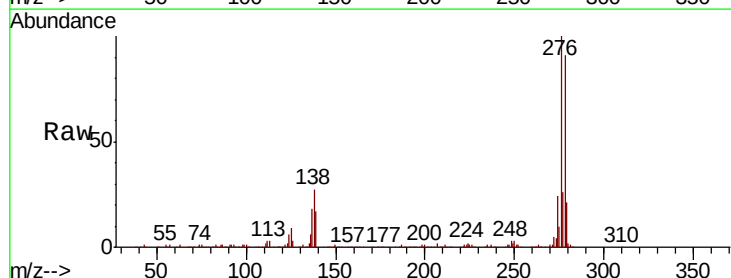
Tgt Ion:276 Resp: 867873

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

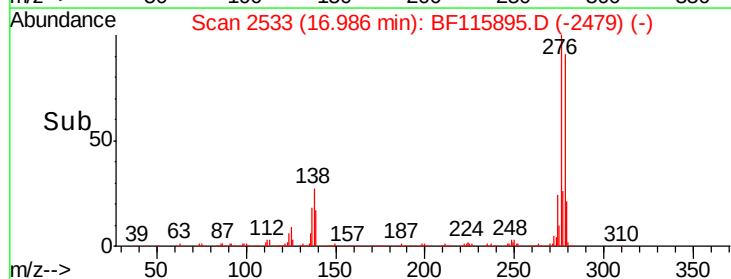
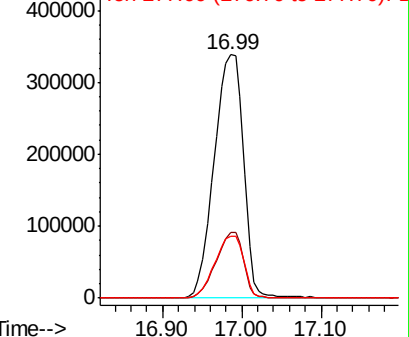
277 25.3 20.1 30.1

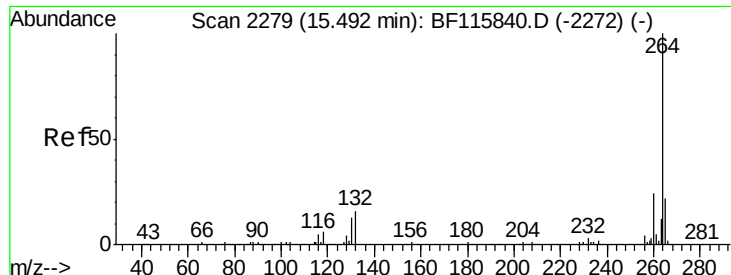


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





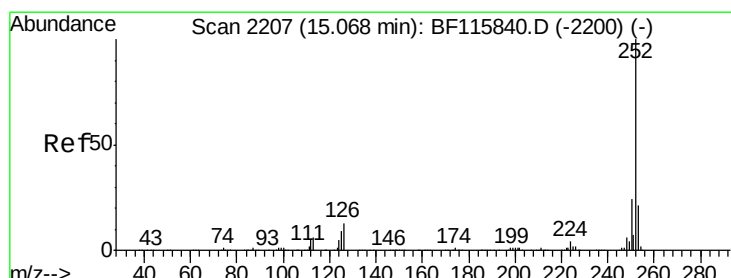
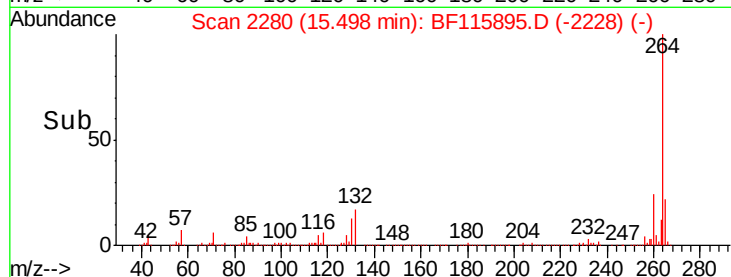
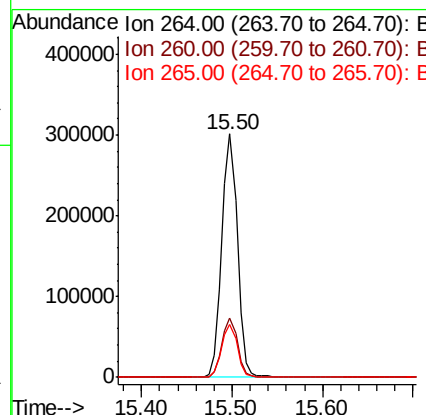
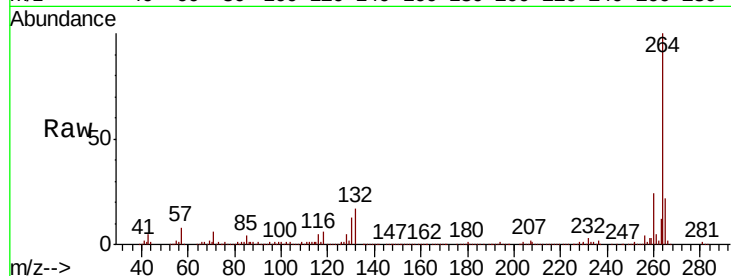
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.5	26.3

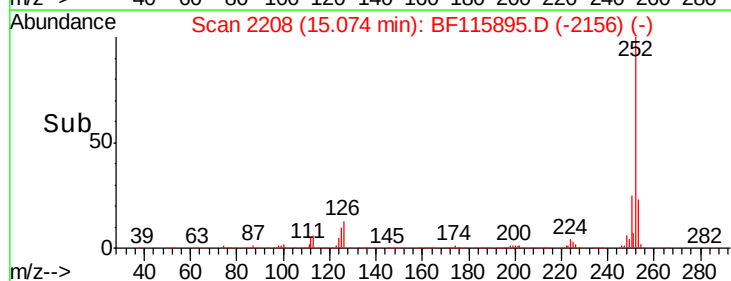
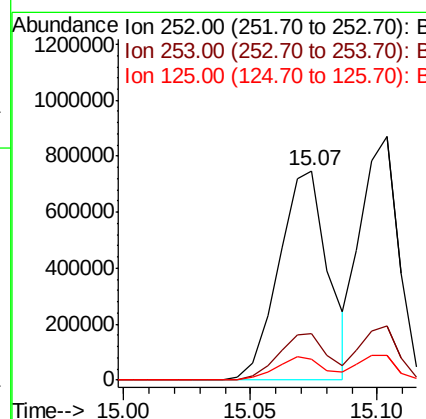
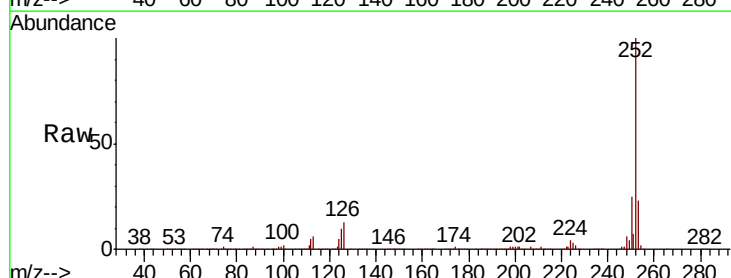
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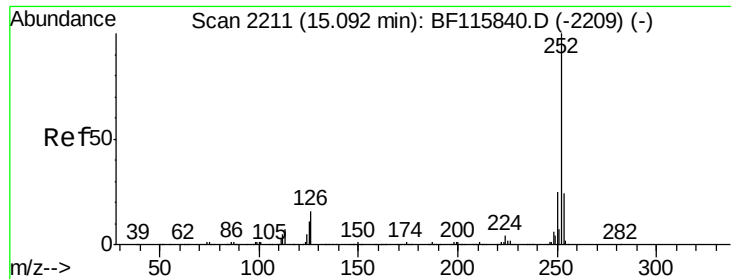
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.820 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.0	7.4	11.0





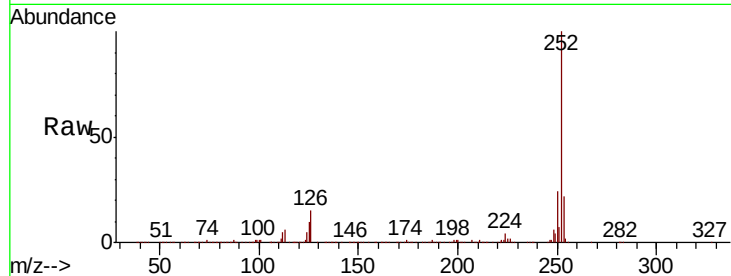
#89
Benzo(k)fluoranthene
Concen: 44.791 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	906857		
253	22.2		18.2	27.4
125	10.1		8.9	13.3

Manual Integrations
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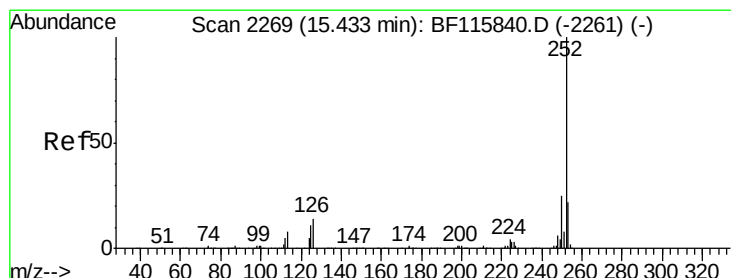
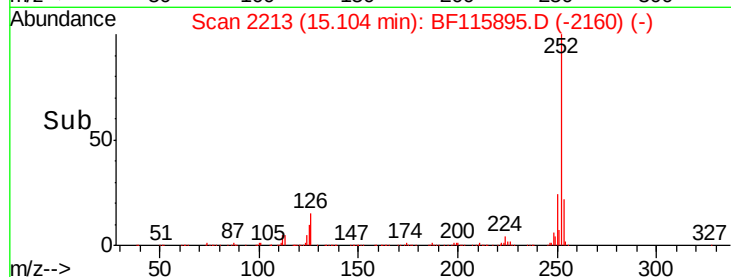
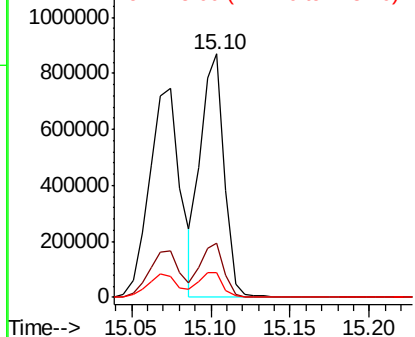


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 48.168 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

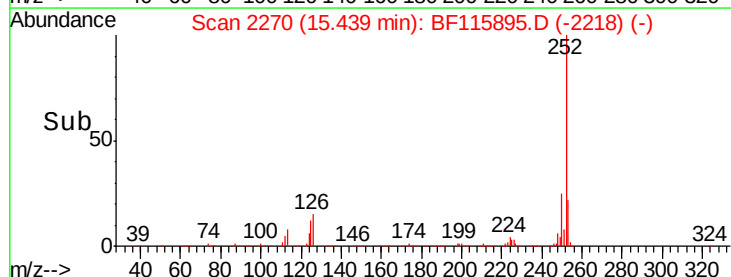
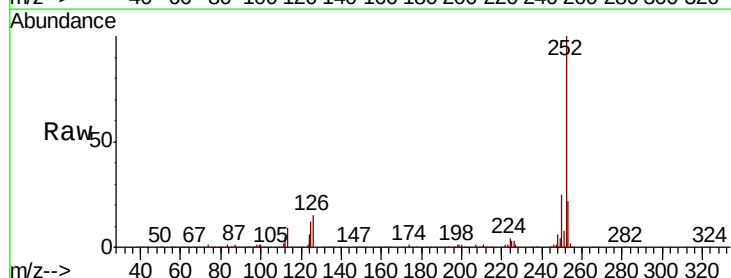
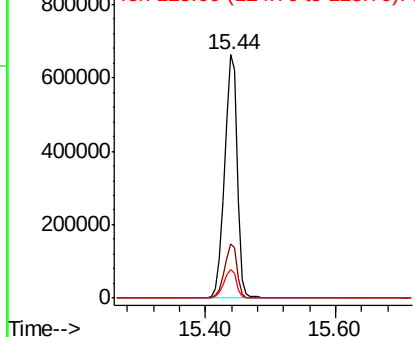
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	895036		
253	22.4		17.8	26.6
125	11.9		8.8	13.2

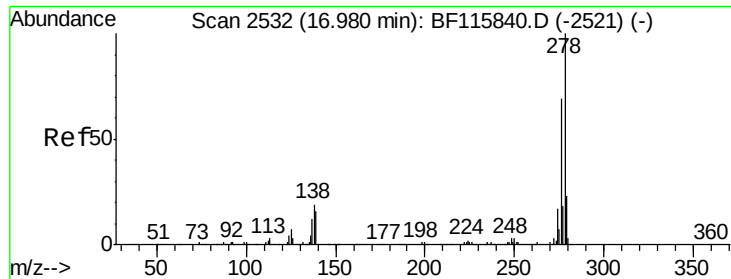
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





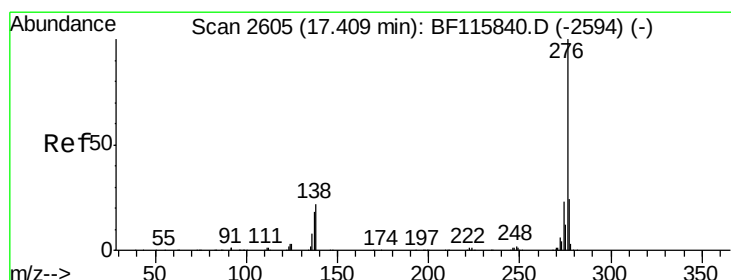
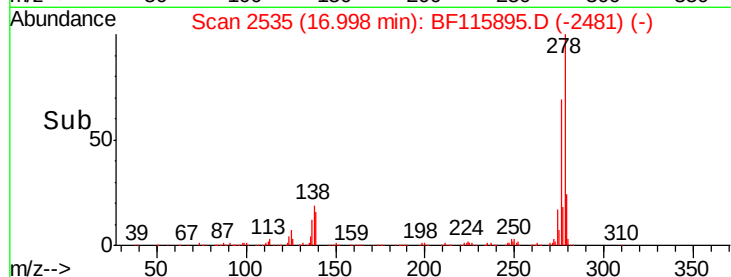
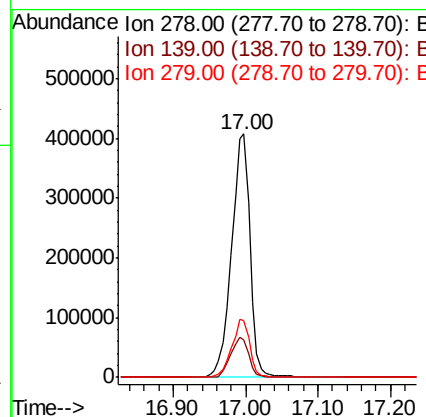
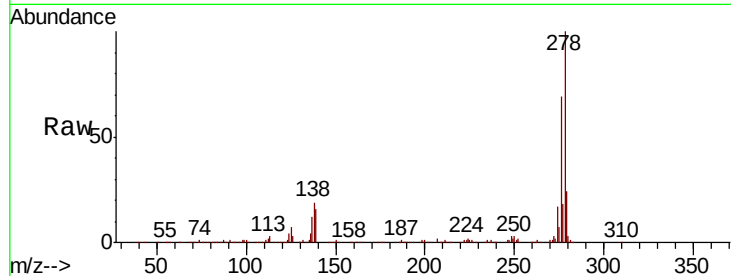
#91
Dibenzo(a,h)anthracene
Concen: 44.979 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:44 PM



#92
Benzo(g,h,i)perylene
Concen: 45.733 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.6	17.8	26.8

