

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118359.D
 Acq On : 28 Dec 2019 12:17
 Operator : JU
 Sample : PB125767BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

Manual Integrations
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 12/30/2019 2:08:32 PM

Quant Time: Dec 29 07:23:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173412	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	770424	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	420077	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	782617	20.00	ng	0.01
76) Chrysene-d12	14.06	240	509781	20.00	ng	0.00
87) Perylene-d12	15.54	264	364716	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	841513	82.83	ng	0.02
7) Phenol-d6	6.50	99	1023574	81.22	ng	0.01
23) Nitrobenzene-d5	7.43	82	1096960	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	373441	71.99	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	2261799	82.19	ng	0.00
79) Terphenyl-d14	12.99	244	2635224	85.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	149164	36.935	ng	100
3) Pyridine	3.46	79	323579	30.073	ng	96
4) n-Nitrosodimethylamine	3.42	42	183520	41.253	ng	93
6) Aniline	6.52	93	515995	32.244	ng	# 77
8) 2-Chlorophenol	6.65	128	548610	47.682	ng	98
9) Benzaldehyde	6.40	77	228574	30.936	ng	97
10) Phenol	6.51	94	642819	45.382	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	471986	46.592	ng	96
12) 1,3-Dichlorobenzene	6.79	146	543220	40.995	ng	99
13) 1,4-Dichlorobenzene	6.87	146	559695	41.584	ng	99
14) 1,2-Dichlorobenzene	7.03	146	536761	42.241	ng	98
15) Benzyl Alcohol	7.00	79	443745	46.246	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479557	44.364	ng	79
17) 2-Methylphenol	7.12	107	434150	47.046	ng	96
18) Hexachloroethane	7.36	117	204277	41.354	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	353468	45.529	ng	99
20) 3+4-Methylphenols	7.27	107	552036	46.740	ng	94
22) Acetophenone	7.27	105	728248	38.568	ng	# 94
24) Nitrobenzene	7.45	77	536543	39.763	ng	97
25) Isophorone	7.68	82	971192	41.370	ng	98
26) 2-Nitrophenol	7.76	139	308794	43.206	ng	96
27) 2,4-Dimethylphenol	7.80	122	475420	48.754	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	609496	39.699	ng	99
29) 2,4-Dichlorophenol	8.00	162	466829	41.593	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	506035	38.704	ng	98
31) Naphthalene	8.16	128	1596586	40.773	ng	99
32) Benzoic acid	7.96	122	300794	37.885	ng	97
33) 4-Chloroaniline	8.22	127	383725	22.859	ng	96
34) Hexachlorobutadiene	8.27	225	289977	37.259	ng	99
35) Caprolactam	8.60	113	148256m	42.310	ng	
36) 4-Chloro-3-methylphenol	8.71	107	493975	40.993	ng	98
37) 2-Methylnaphthalene	8.86	142	1112641	41.501	ng	100
38) 1-Methylnaphthalene	8.96	142	1038204	41.103	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	483390	38.299	ng	99

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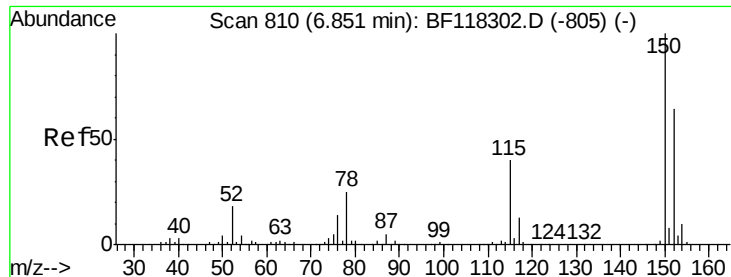
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	339857	65.757	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	330803	39.232	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	345852	39.872	nq	99
46) 1,1'-Biphenyl	9.33	154	1312573	39.505	nq	99
47) 2-Chloronaphthalene	9.35	162	1027362	38.419	nq	99
48) 2-Nitroaniline	9.45	65	282945	37.460	nq	98
49) Acenaphthylene	9.77	152	1599646	40.334	nq	99
50) Dimethylphthalate	9.63	163	1222218	38.760	nq	99
51) 2,6-Dinitrotoluene	9.70	165	270499	39.790	nq	92
52) Acenaphthene	9.95	154	941743	38.984	nq	100
53) 3-Nitroaniline	9.87	138	188019	23.564	nq	93
54) 2,4-Dinitrophenol	9.99	184	257639	75.478	nq	96
55) Dibenzofuran	10.12	168	1397089	39.140	nq	97
56) 4-Nitrophenol	10.05	139	383867	77.930	nq	87
57) 2,4-Dinitrotoluene	10.11	165	356939	39.294	nq	# 88
58) Fluorene	10.46	166	1127231	39.120	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	293292	39.795	nq	99
60) Diethylphthalate	10.33	149	1226003	39.301	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	558212	38.807	nq	98
62) 4-Nitroaniline	10.49	138	272254	32.845	nq	100
63) Azobenzene	10.61	77	1050507	39.315	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	192415	45.575	nq	88
66) n-Nitrosodiphenylamine	10.57	169	1010471	40.286	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	358809	39.176	nq	99
68) Hexachlorobenzene	11.02	284	410632	38.089	nq	# 91
69) Atrazine	11.10	200	341461	44.109	nq	97
70) Pentachlorophenol	11.21	266	362569	77.655	nq	99
71) Phenanthrene	11.43	178	1643104	38.512	nq	99
72) Anthracene	11.48	178	1710706	40.059	nq	100
73) Carbazole	11.64	167	1474737	38.918	nq	99
74) Di-n-butylphthalate	11.96	149	1944798	40.477	nq	99
75) Fluoranthene	12.62	202	1694413	39.352	nq	97
77) Benzidine	12.74	184	502271	35.958	nq	99
78) Pyrene	12.85	202	1688160	40.552	nq	99
80) Butylbenzylphthalate	13.46	149	801507	42.761	nq	99
81) Benzo(a)anthracene	14.04	228	1407161	39.435	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	423596	35.012	nq	99
83) Chrysene	14.09	228	1330106	38.929	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1122660	45.550	nq	98
85) Di-n-octyl phthalate	14.63	149	1738496	47.952	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1061420	36.459	nq	99
88) Benzo(b)fluoranthene	15.11	252	1116608	46.122	nq	99
89) Benzo(k)fluoranthene	15.14	252	1112117	47.842	nq	99
90) Benzo(a)pyrene	15.49	252	954541	44.758	nq	98
91) Dibenzo(a,h)anthracene	17.07	278	911010	49.225	nq	98
92) Benzo(g,h,i)perylene	17.52	276	886098	49.564	nq	98

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



#1

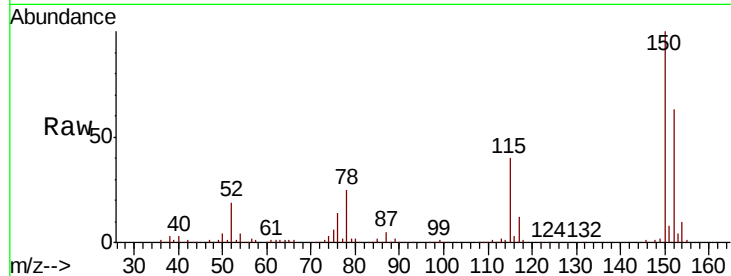
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.4	188.2
115	64.1	50.2	75.4

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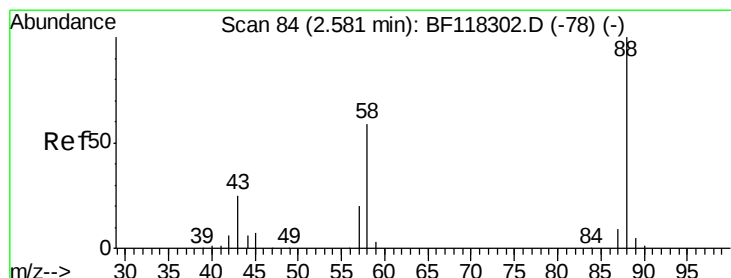
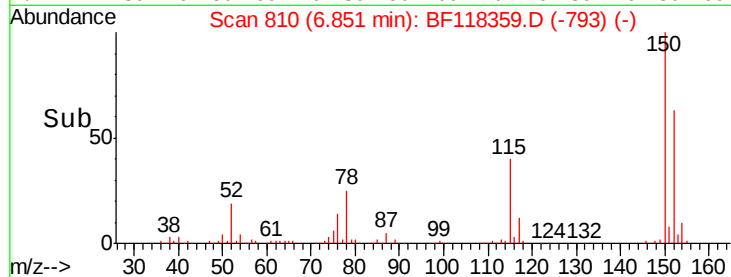
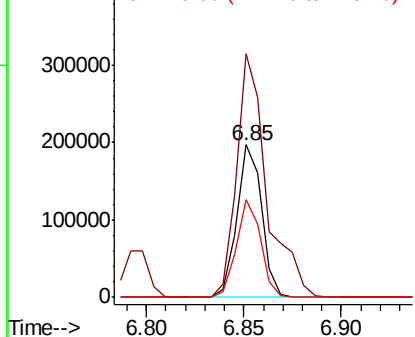


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

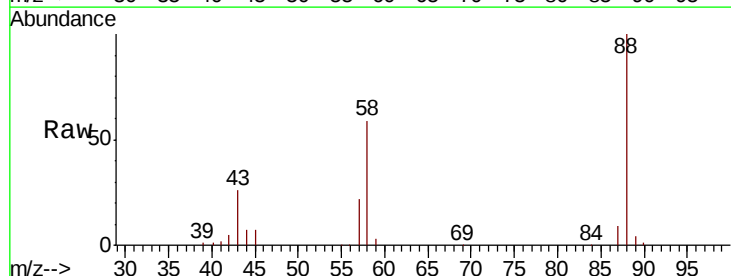
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.935 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	47.6	71.4
43	25.7	20.6	30.8

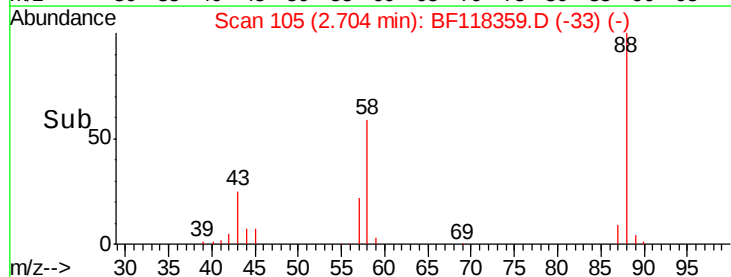
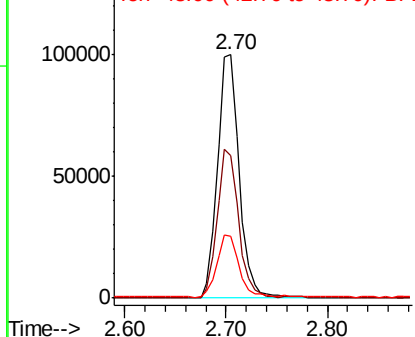


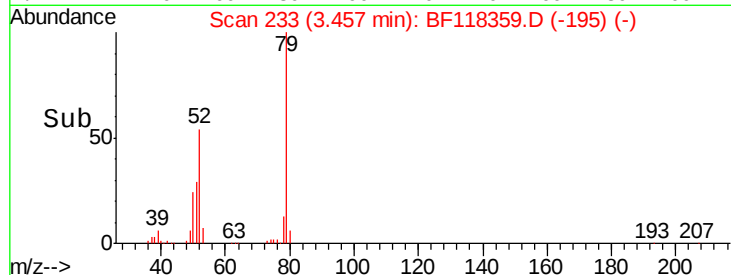
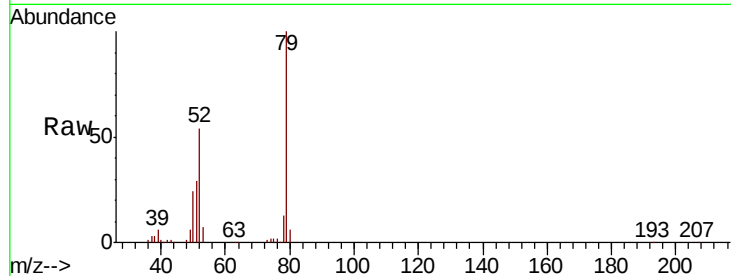
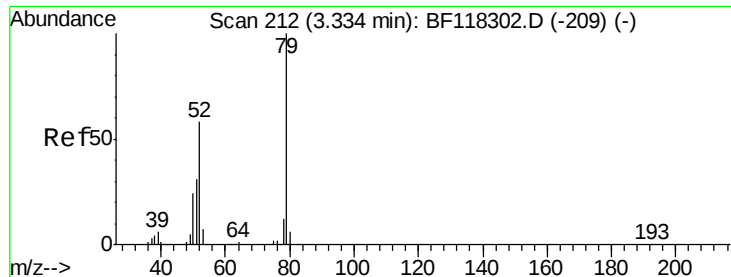
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





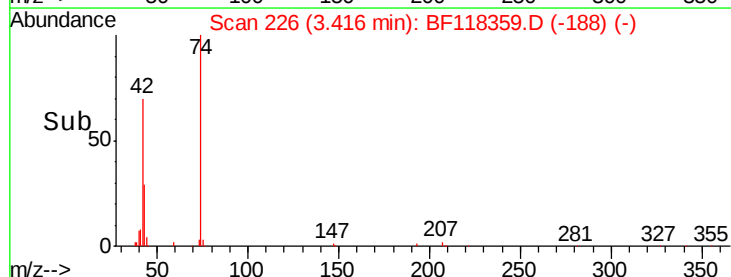
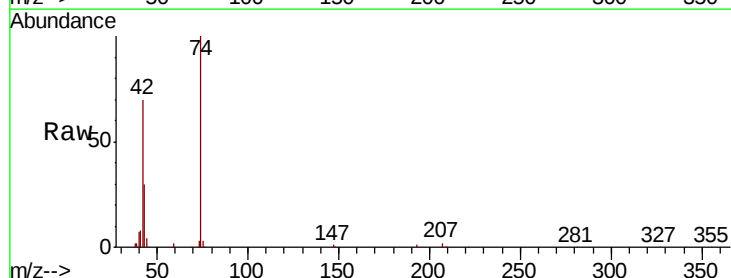
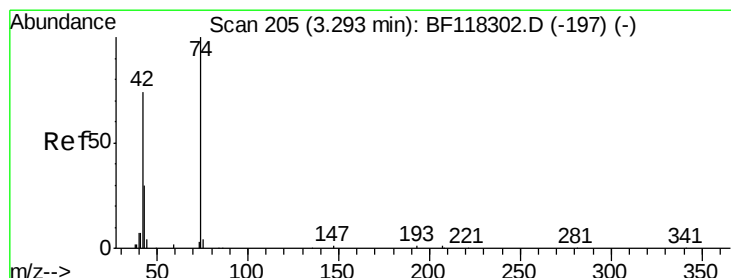
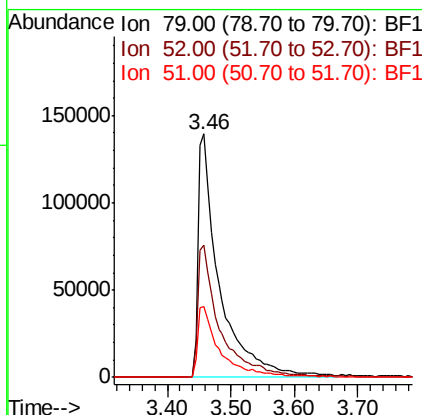
#3
 Pvridine
 Concen: 30.073 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.12 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tot Ion	79	Resp	323579
Ion Ratio	100	Lower	Upper
79	100		
52	54.4	46.4	69.6
51	29.2	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

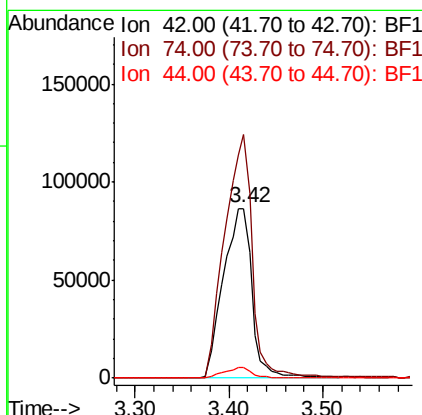
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#4
 n-Nitrosodimethylamine
 Concen: 41.253 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.12 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	42	Resp	183520
Ion Ratio	100	Lower	Upper
42	100		
74	143.4	107.7	161.5
44	6.0	4.8	7.2





#5

2-Fluorophenol

Concen: 82.835 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

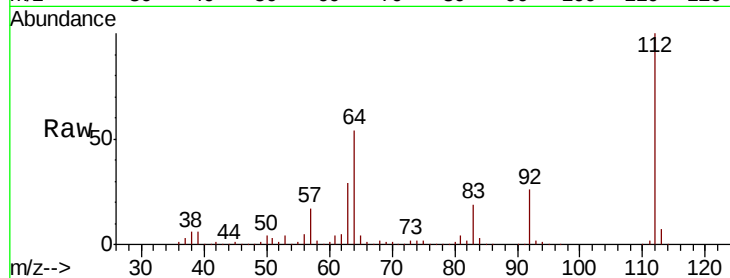
ClientSampleId :

PB125767BSD

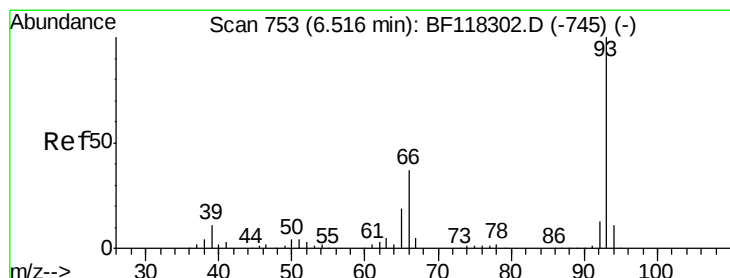
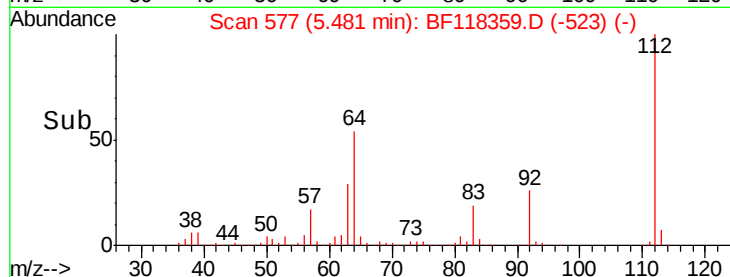
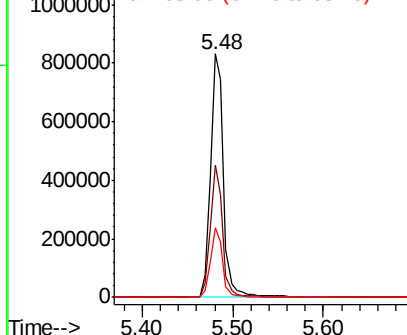
Tot Ion:	112	Resp:	841513
Ion Ratio	Lower	Upper	
112	100		
64	54.3	39.7	59.5
63	28.8	21.7	32.5

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



#6

Aniline

Concen: 32.244 ng

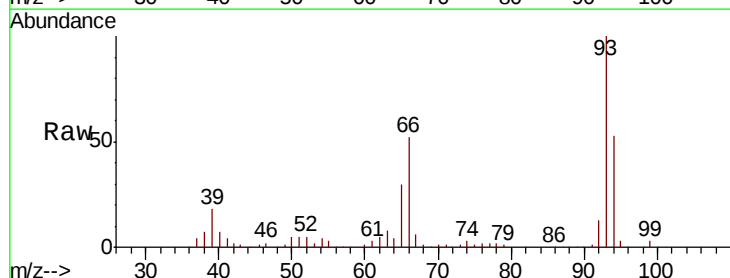
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

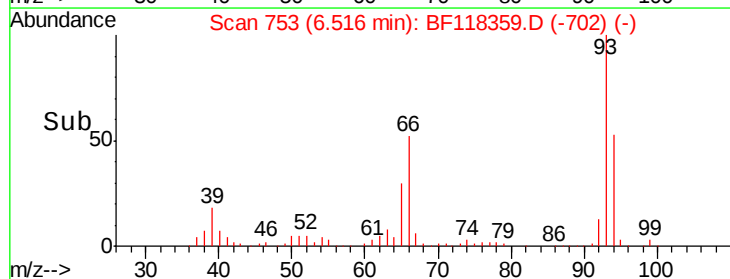
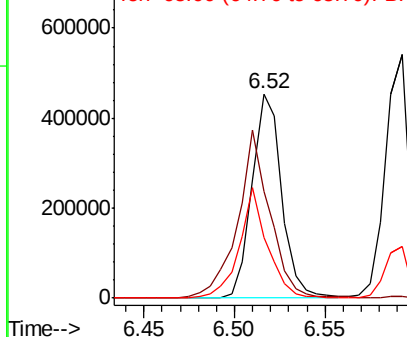
Lab File: BF118359.D

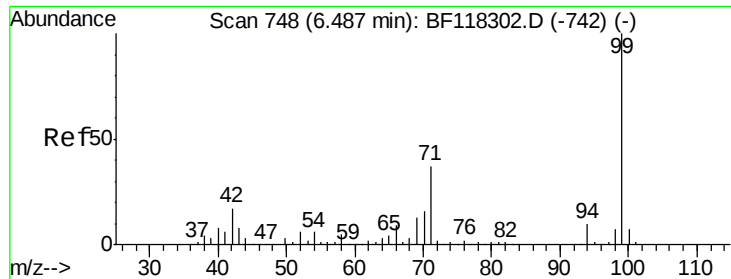
Acq: 28 Dec 2019 12:17

Tgt Ion:	93	Resp:	515995
Ion Ratio	Lower	Upper	
93	100		
66	52.2	30.2	45.4#
65	29.5	15.7	23.5#



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





#7

Phenol-d6

Concen: 81.220 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB125767BSD

Tot Ion: 99 Resp: 1023574

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

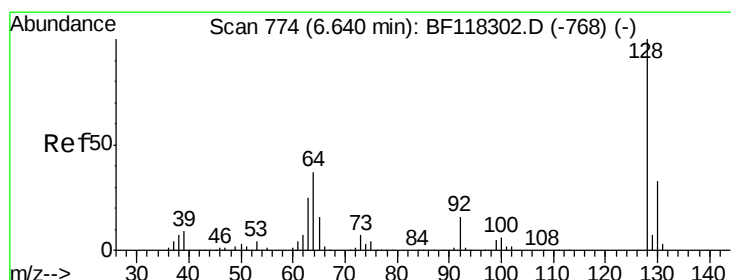
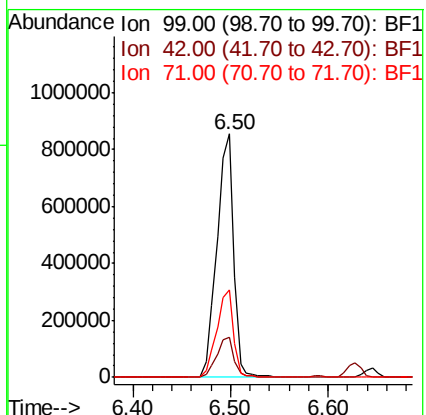
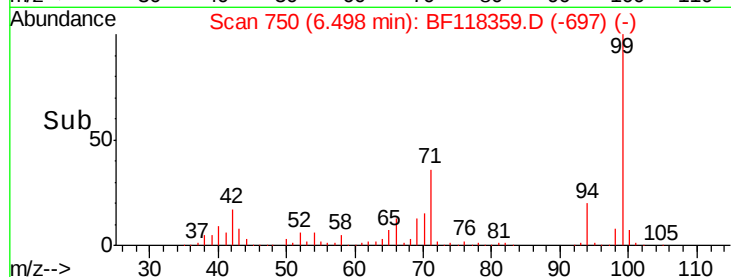
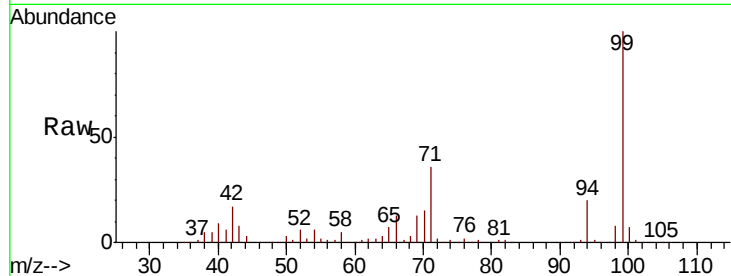
71 35.9 29.4 44.2

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#8

2-Chlorophenol

Concen: 47.682 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

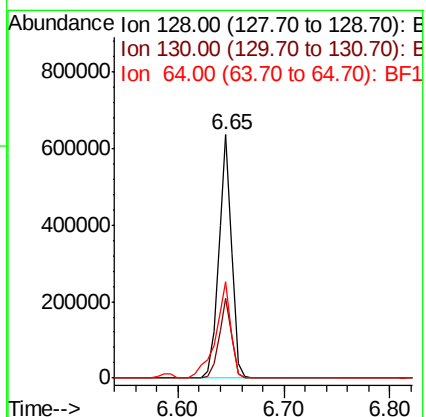
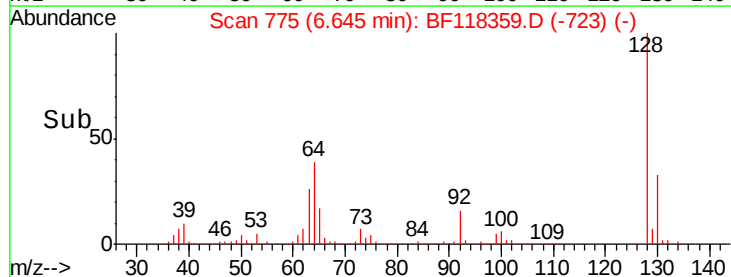
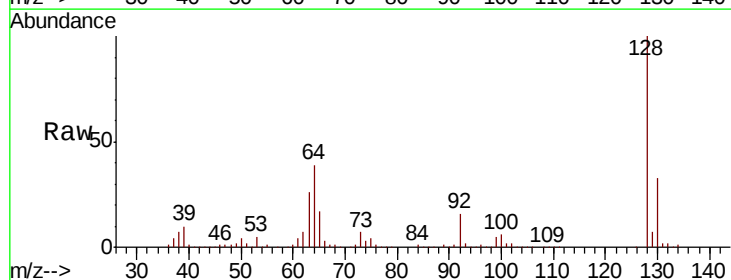
Tgt Ion: 128 Resp: 548610

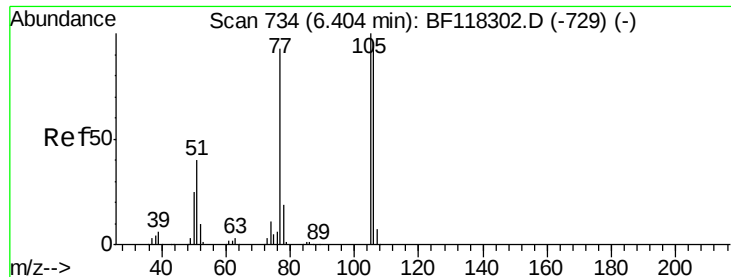
Ion Ratio Lower Upper

128 100

130 33.0 13.2 53.2

64 39.5 17.7 57.7





#9

Benzaldehyde

Concen: 30.936 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

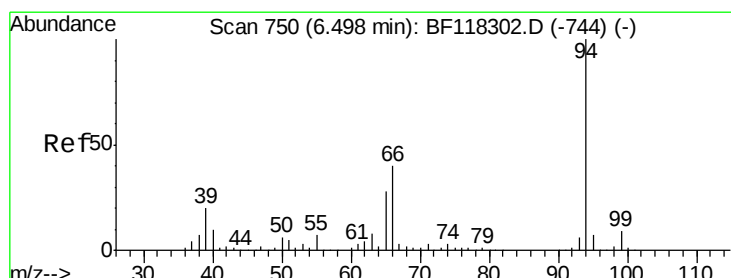
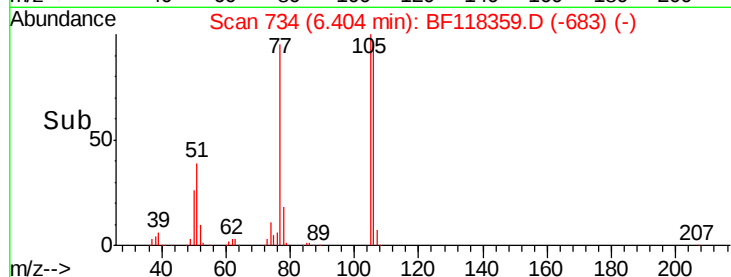
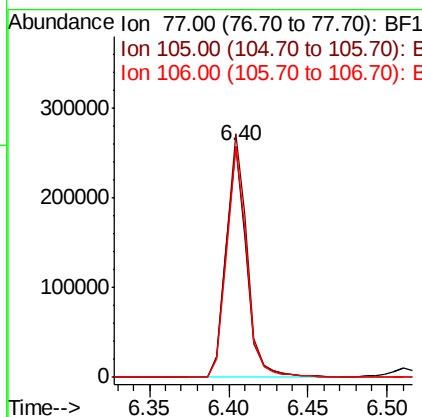
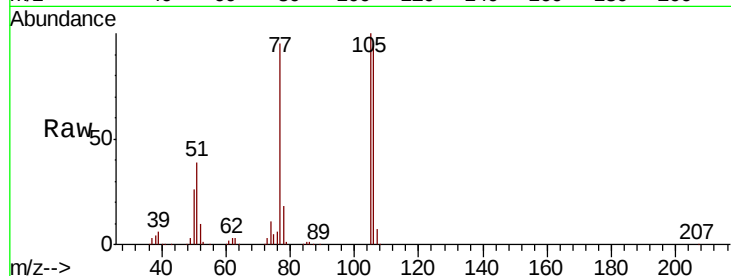
ClientSampleId :

PB125767BSD

Tot Ion:	77	Resp:	228574
Ion	Ratio	Lower	Upper
77	100		
105	105.4	87.5	127.5
106	100.0	83.6	123.6

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#10

Phenol

Concen: 45.382 ng

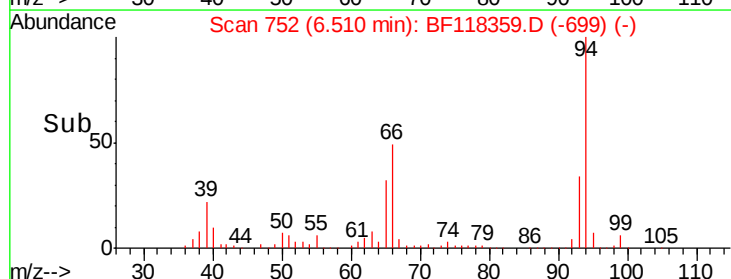
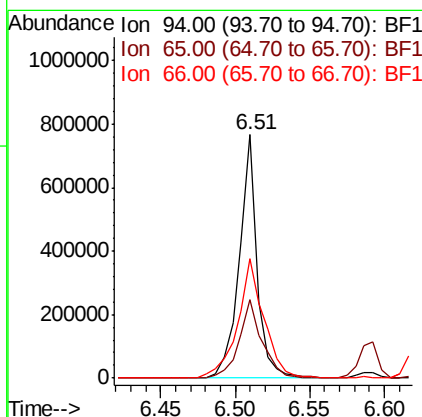
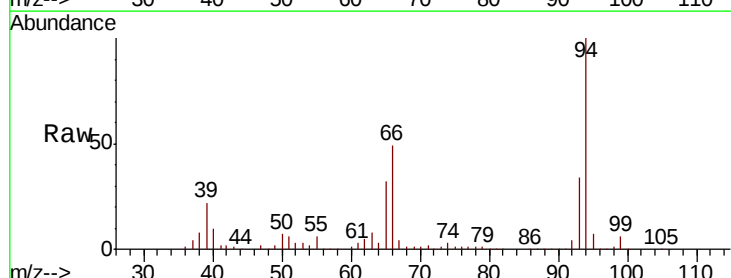
RT: 6.51 min Scan# 752

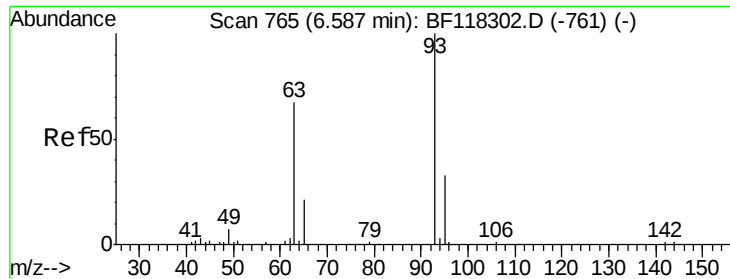
Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:	94	Resp:	642819
Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.8	47.8
66	48.9	20.4	60.4





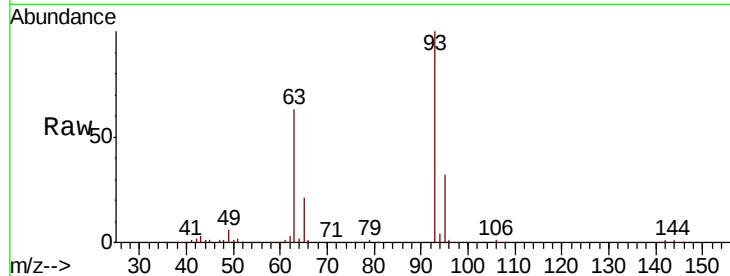
#11
bis(2-Chloroethyl)ether
Concen: 46.592 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

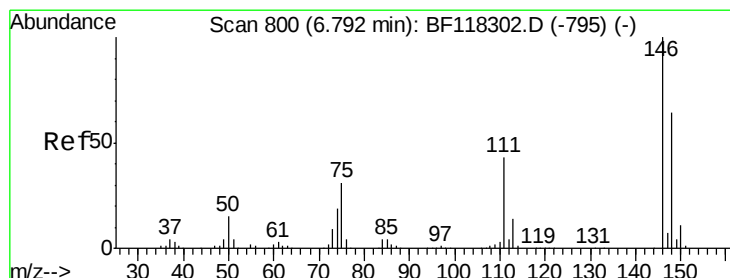
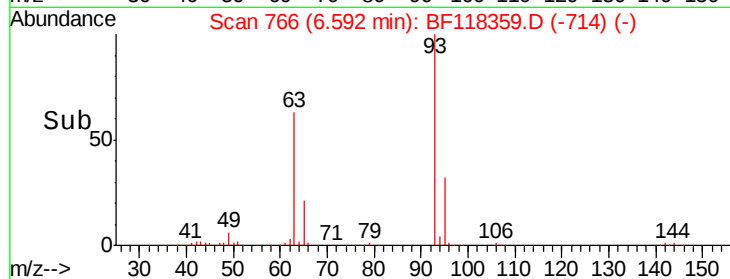
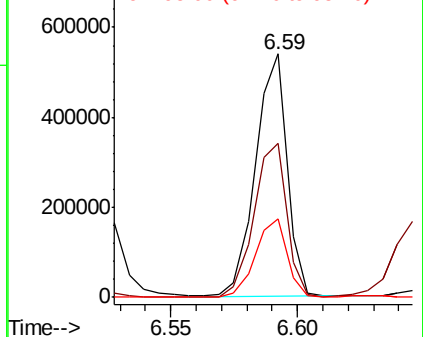
Tot Ion:	93	Resp:	471986
Ion	Ratio	Lower	Upper
93	100		
63	63.1	47.0	87.0
95	32.0	12.8	52.8

Manual Integrations
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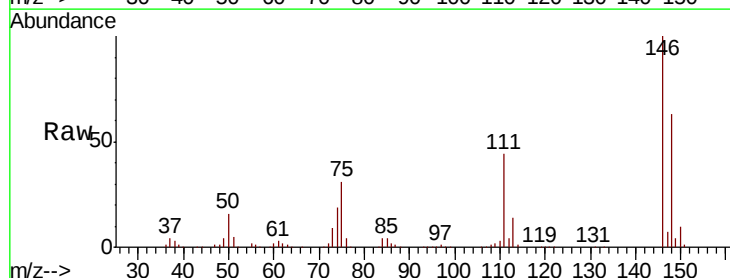


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

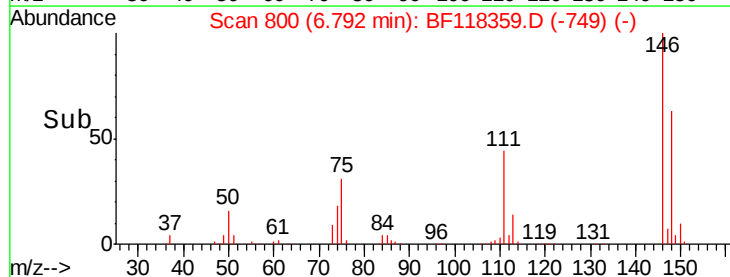
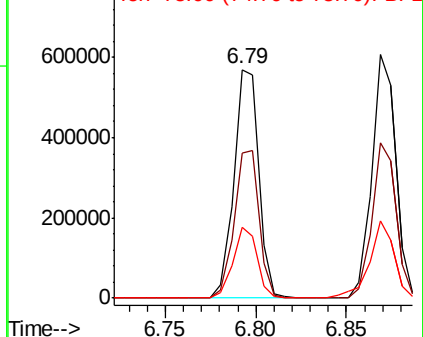


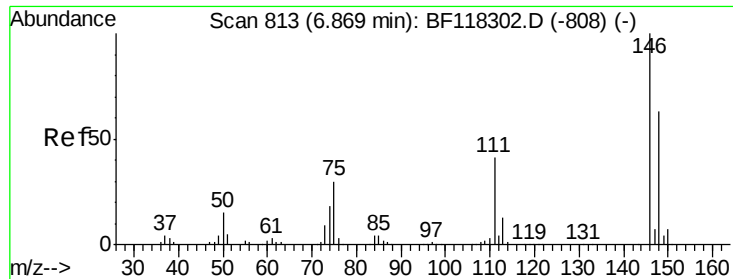
#12
1,3-Dichlorobenzene
Concen: 40.995 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:	146	Resp:	543220
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	31.2	24.4	36.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





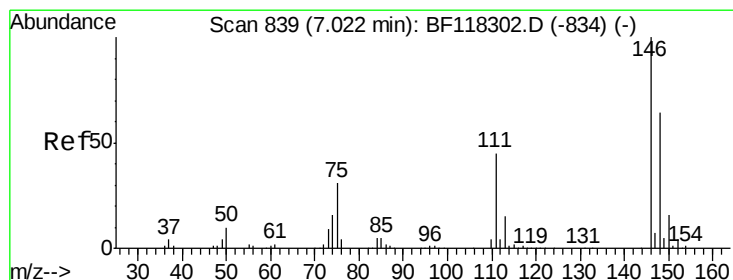
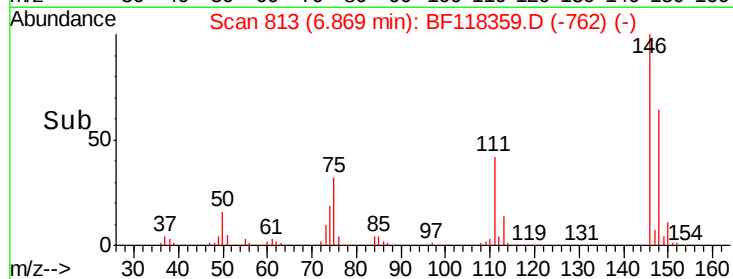
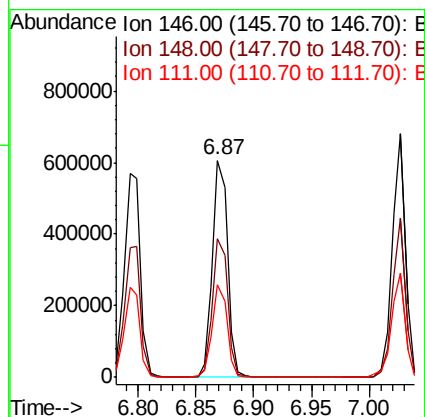
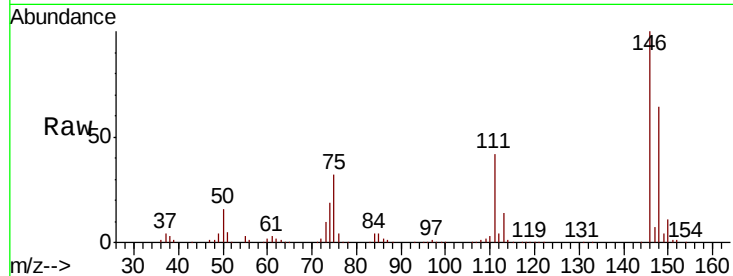
#13
1,4-Dichlorobenzene
Concen: 41.584 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	42.5	32.8	49.2

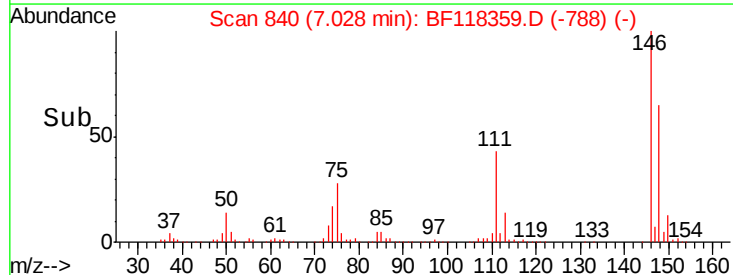
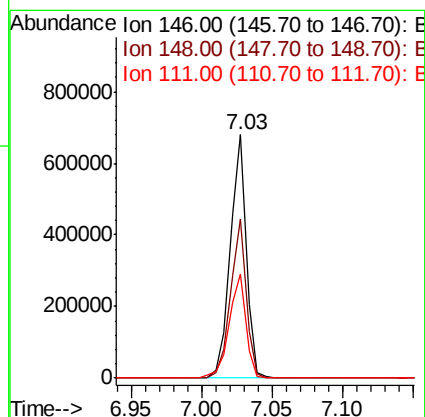
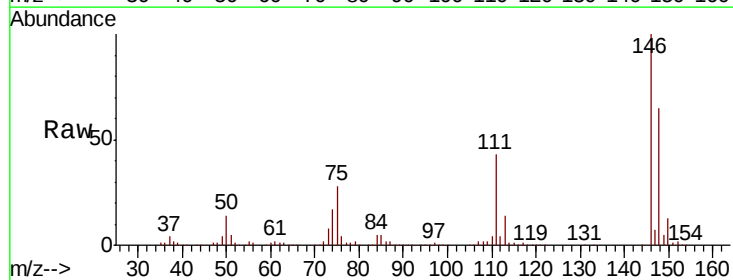
Manual Integrations
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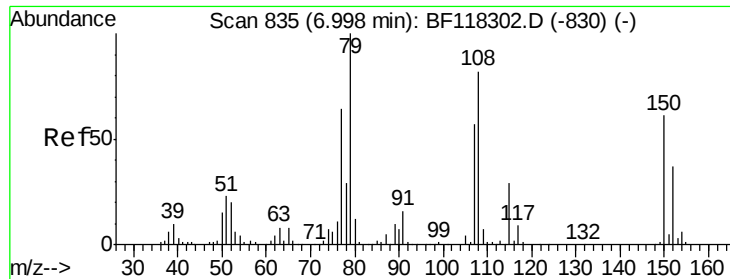
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#14
1,2-Dichlorobenzene
Concen: 42.241 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.3	76.9
111	42.8	35.7	53.5





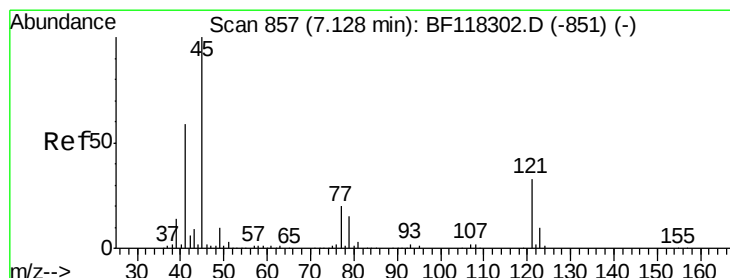
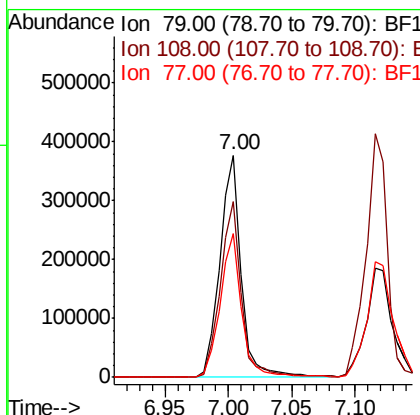
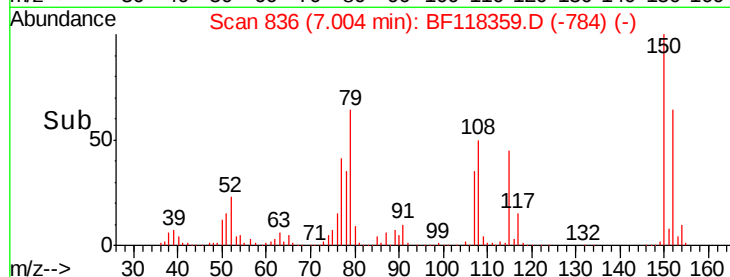
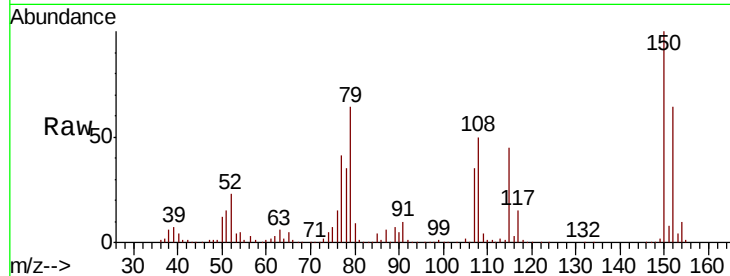
#15
Benzyl Alcohol
Concen: 46.246 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	443745		
108	79.0	65.4	98.0	
77	64.7	51.4	77.0	

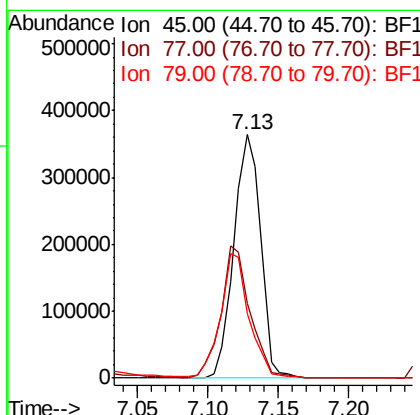
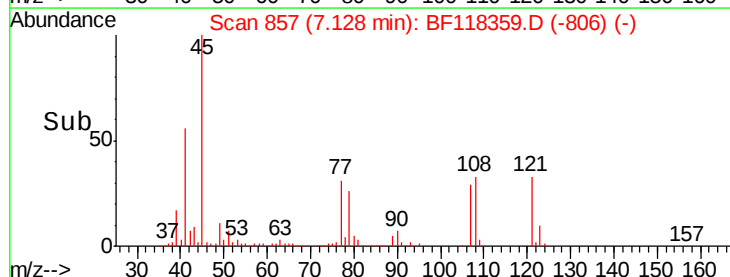
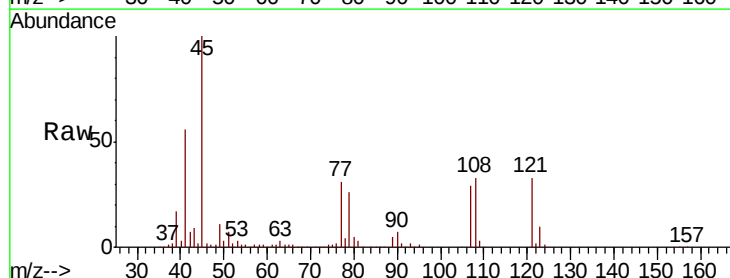
Manual Integrations
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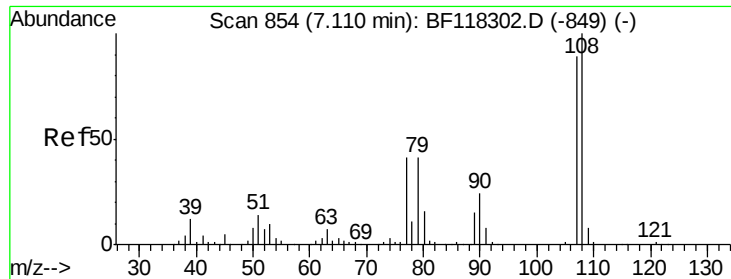
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.364 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	479557		
77	30.5	1.2	41.2	
79	26.3	0.0	37.0	





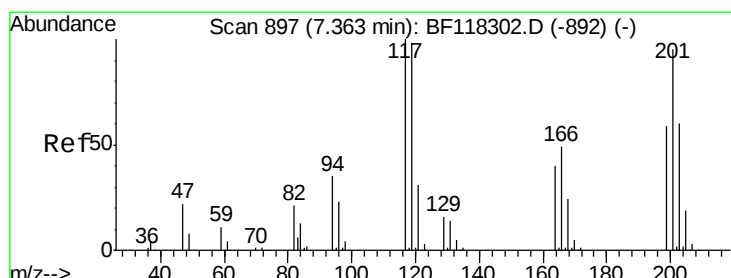
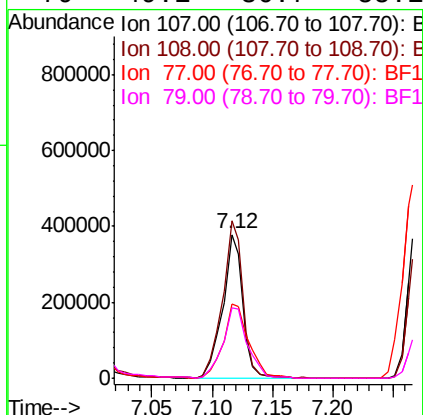
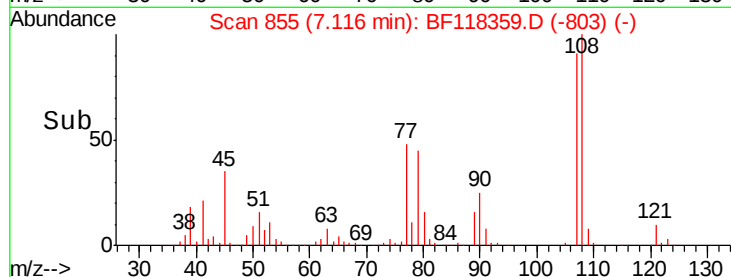
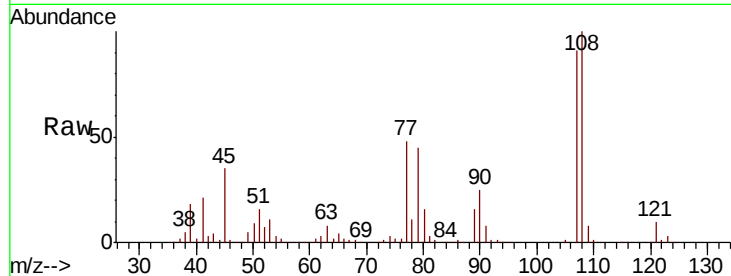
#17
2-Methylphenol
Concen: 47.046 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	89.7	134.5	
77	52.0	37.2	55.8	
79	49.1	36.7	55.1	

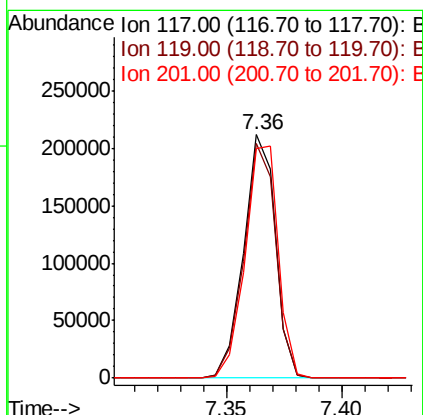
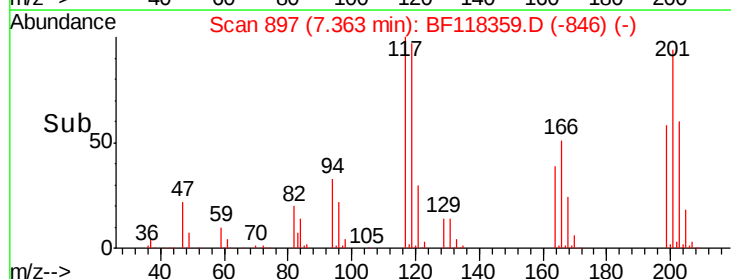
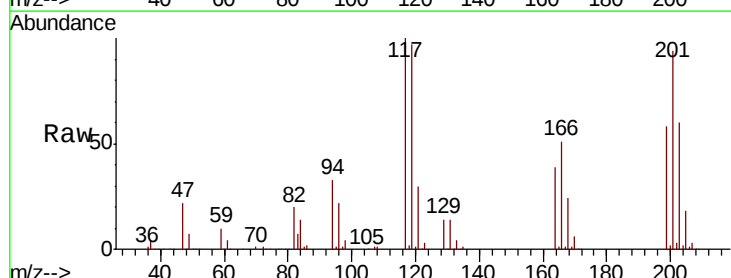
Manual Integrations
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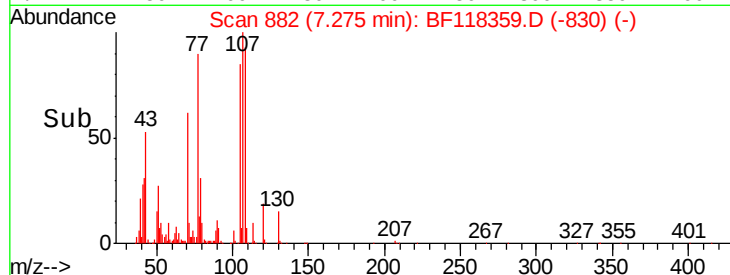
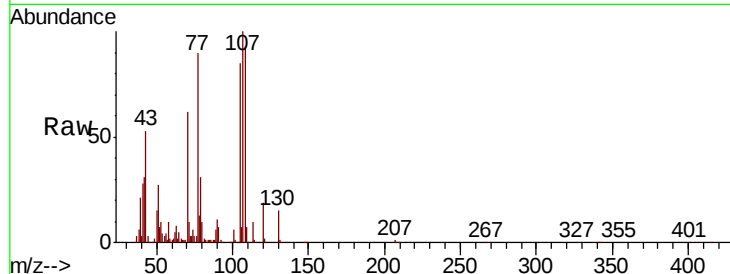
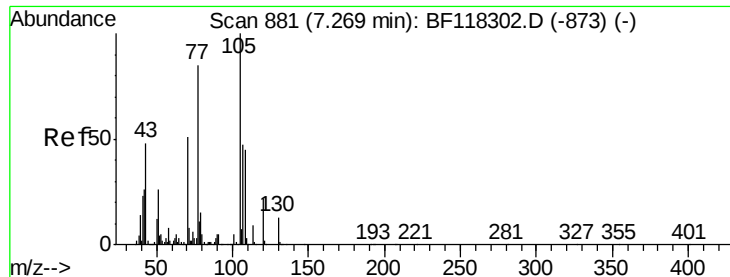
mohammad
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#18
Hexachloroethane
Concen: 41.354 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.0	117.0	
201	94.0	76.2	114.2	





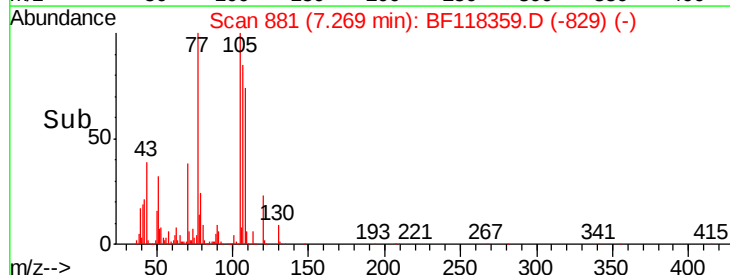
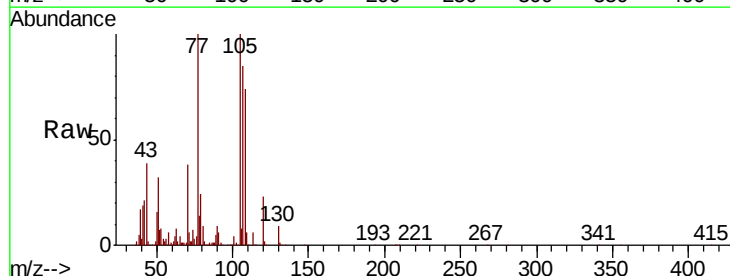
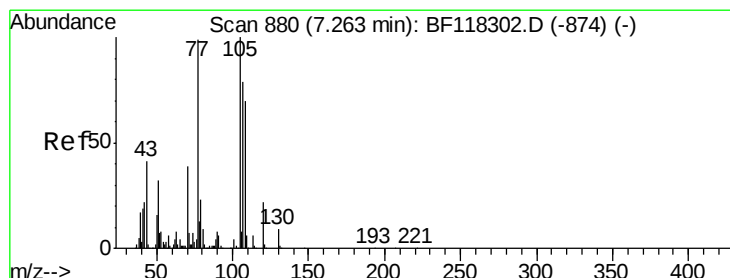
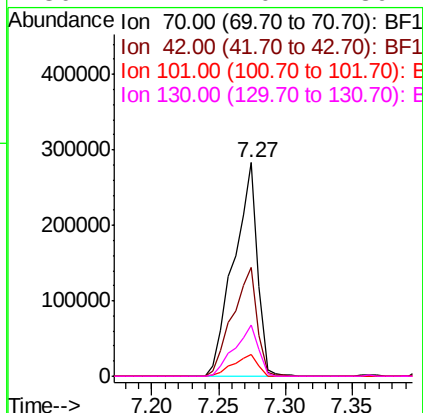
#19
n-Nitroso-di-n-propylamine
Concen: 45.529 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	41.1	61.7	
101	10.4	8.3	12.5	
130	24.1	20.1	30.1	

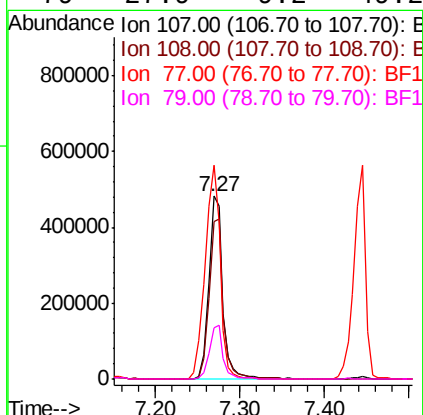
Manual Integrations
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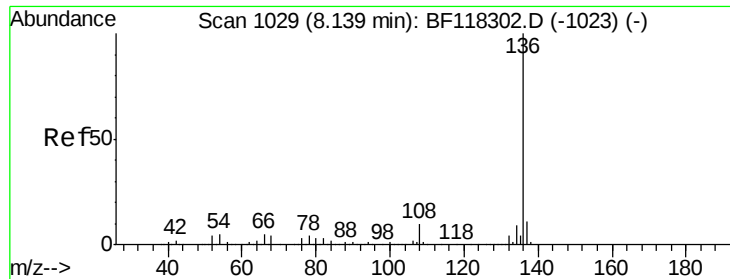
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#20
3+4-Methylphenols
Concen: 46.740 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	69.3	109.3	
77	117.0	105.9	145.9	
79	27.9	9.2	49.2	





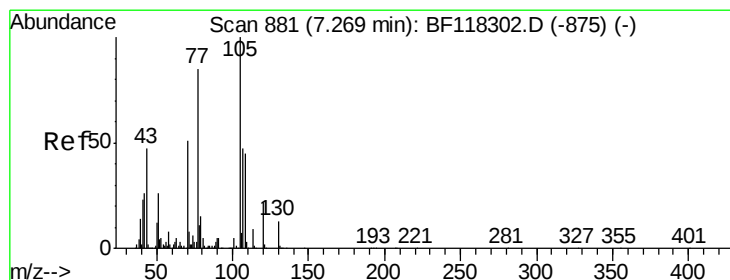
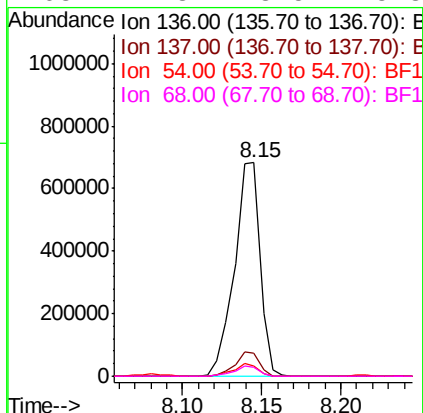
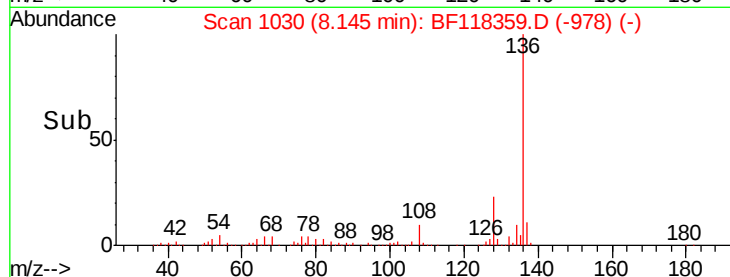
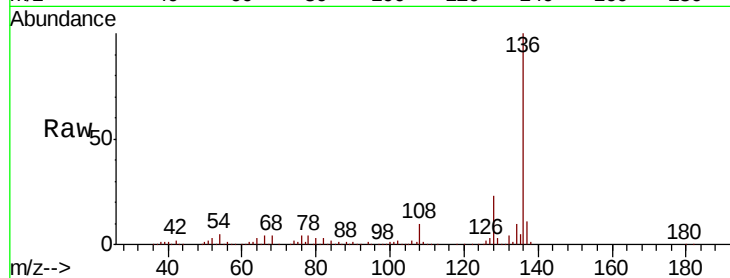
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	136	Resp	770424
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	4.9	4.2	6.4
68	4.3	3.5	5.3

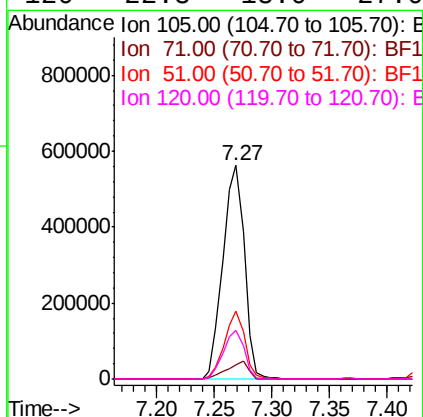
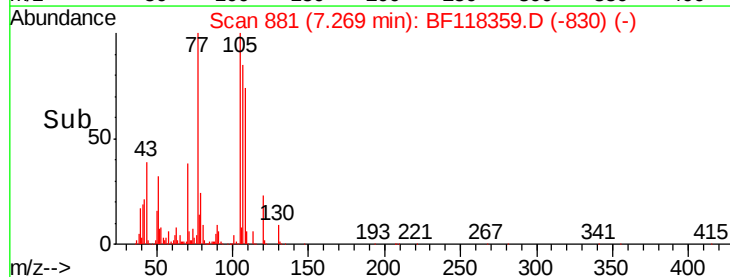
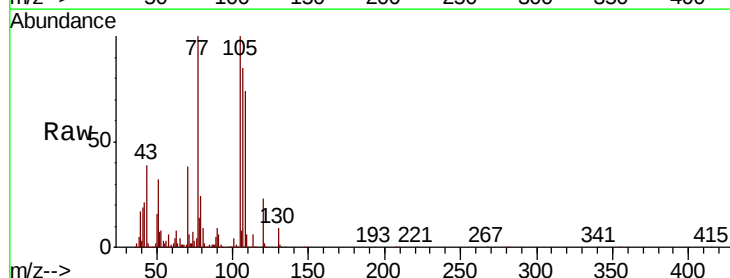
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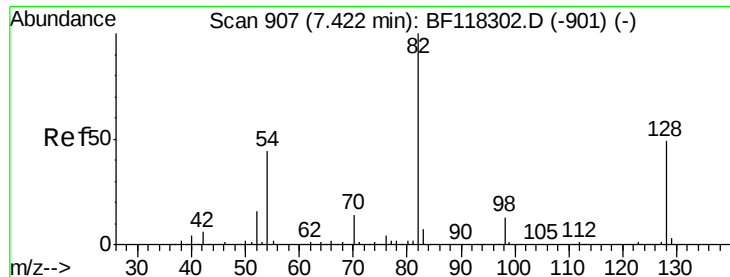
mohammad
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#22
Acetophenone
Concen: 38.568 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	105	Resp	728248
Ion Ratio	Lower	Upper	
105	100		
71	6.4	6.6	9.8#
51	31.6	20.6	30.8#
120	22.8	18.0	27.0





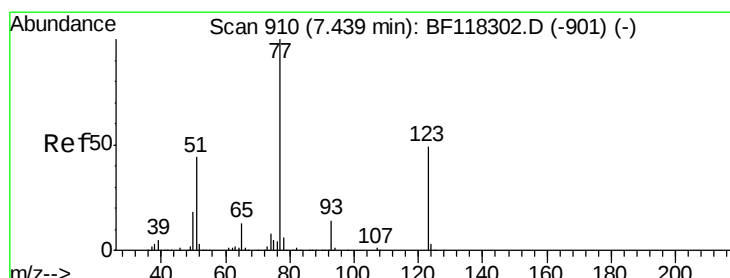
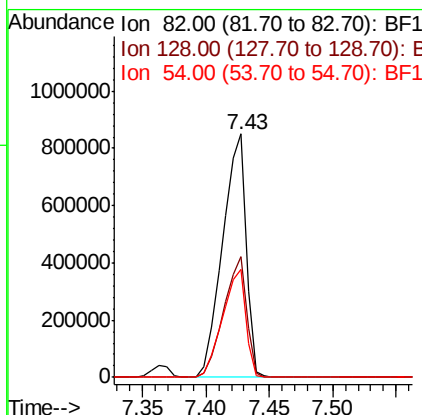
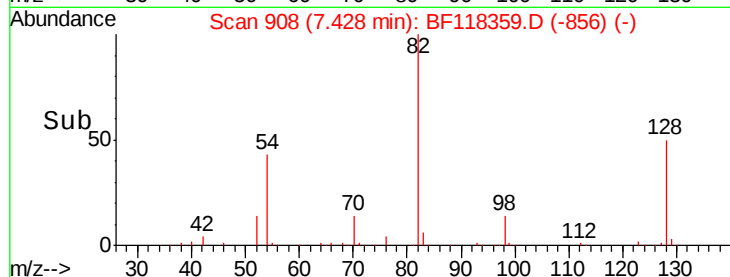
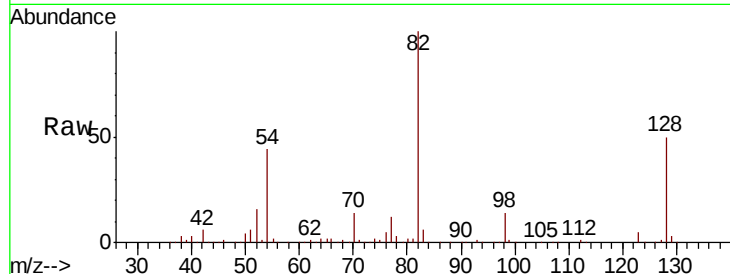
#23
Nitrobenzene-d5
Concen: 81.436 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion: 82 Resp: 1096960
Ion Ratio Lower Upper
82 100
128 49.6 39.6 59.4
54 44.4 34.9 52.3

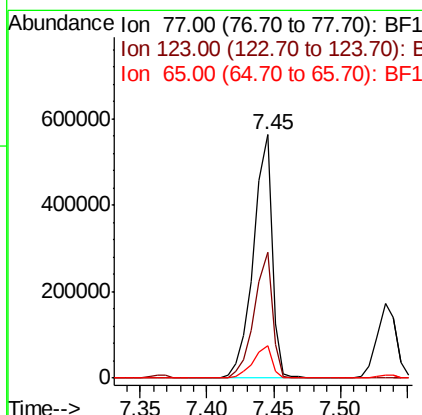
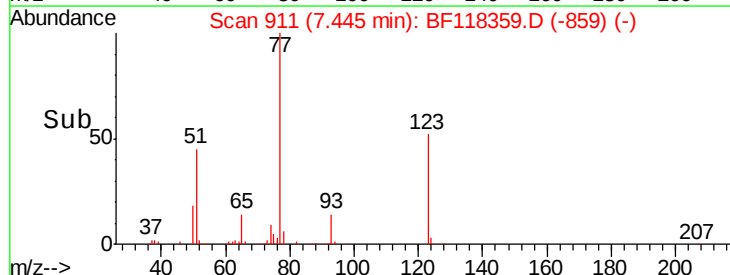
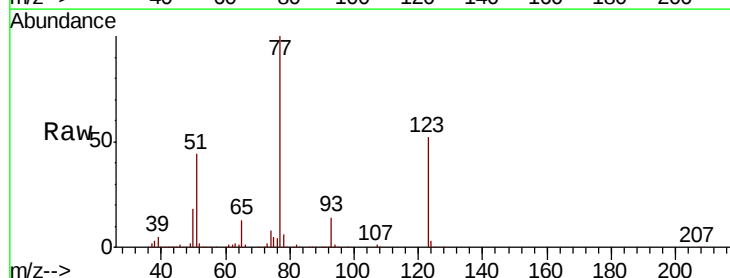
Manual Integrations
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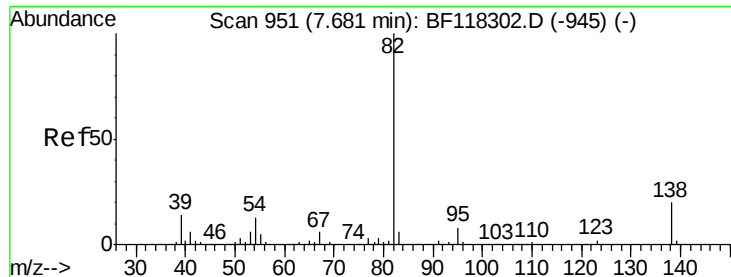
mohammad
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#24
Nitrobenzene
Concen: 39.763 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion: 77 Resp: 536543
Ion Ratio Lower Upper
77 100
123 51.9 39.1 58.7
65 13.4 10.6 16.0





#25

Isophorone

Concen: 41.370 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

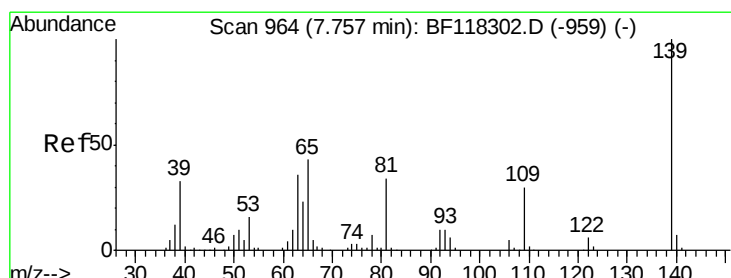
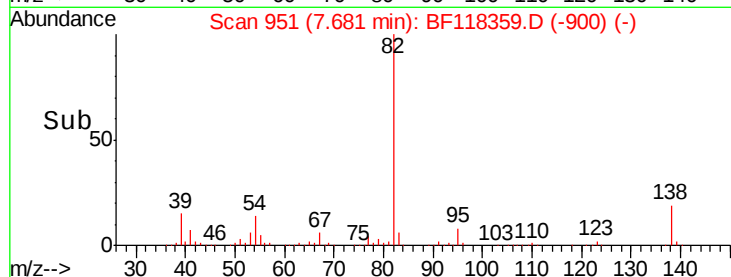
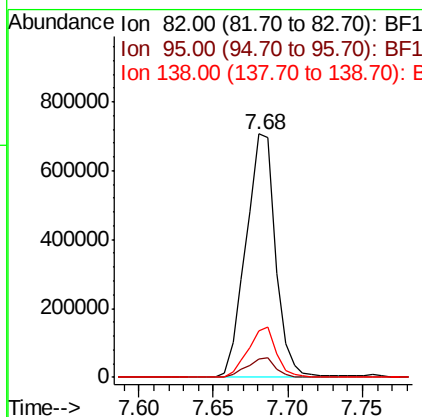
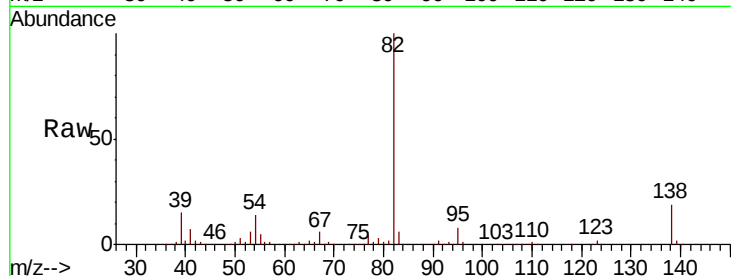
ClientSampleId :

PB125767BSD

Tot Ion:	82	Resp:	971192
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	19.0	16.2	24.2

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#26

2-Nitrophenol

Concen: 43.206 ng

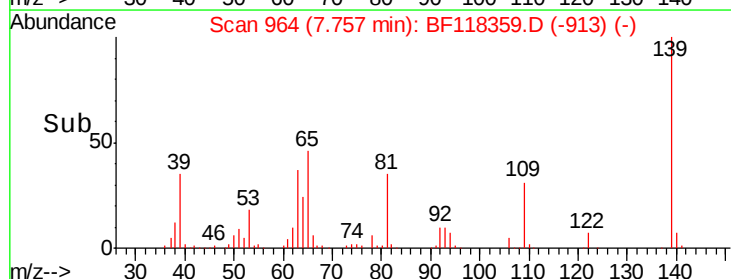
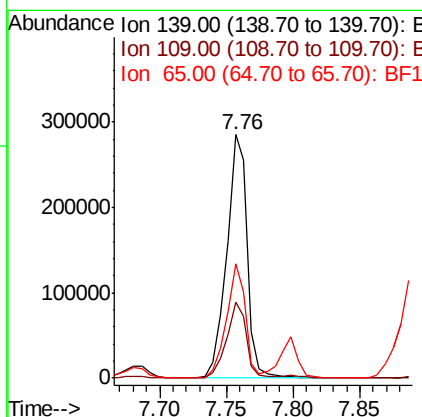
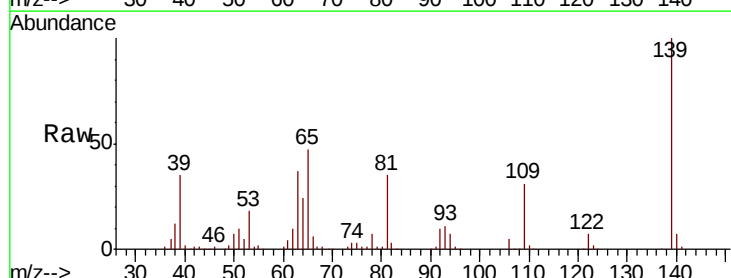
RT: 7.76 min Scan# 964

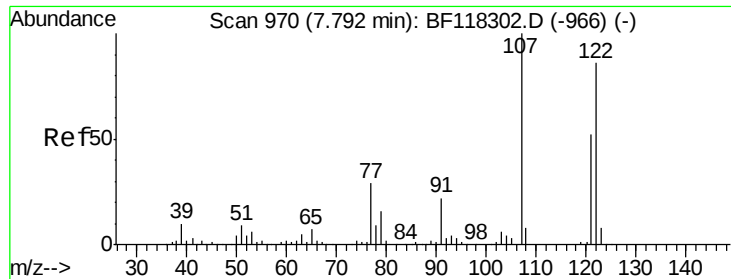
Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:	139	Resp:	308794
Ion Ratio	Lower	Upper	
139	100		
109	31.1	24.1	36.1
65	46.8	34.6	52.0





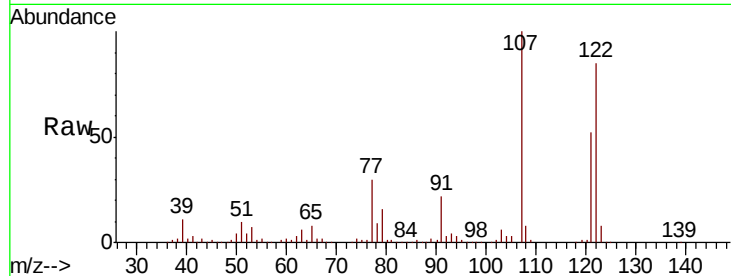
#27
2,4-Dimethylphenol
Concen: 48.754 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.9	139.3
121	60.3	47.9	71.9

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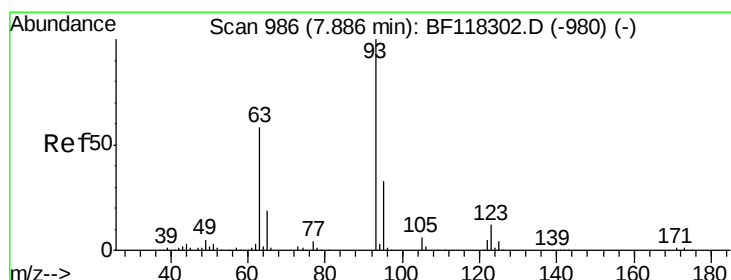
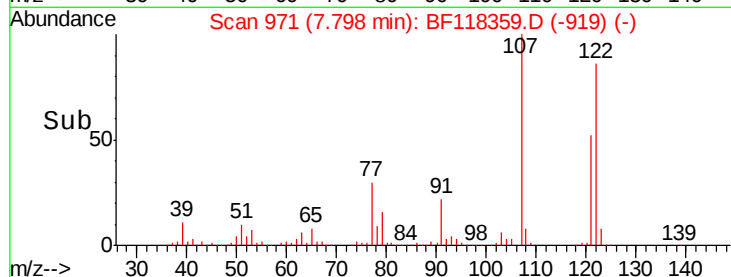
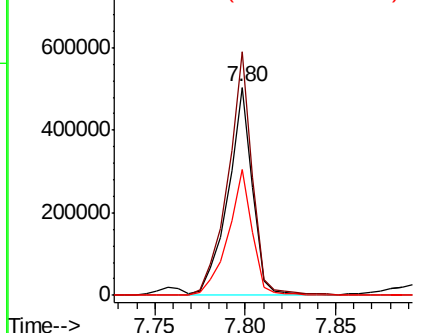


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.699 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

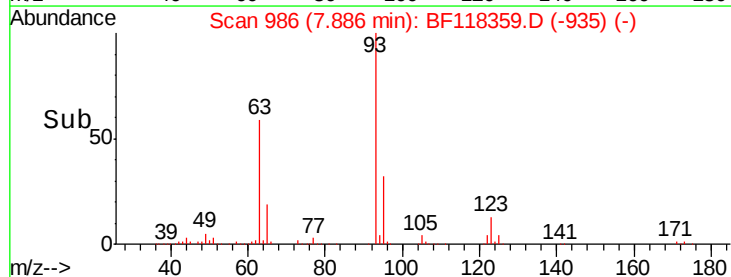
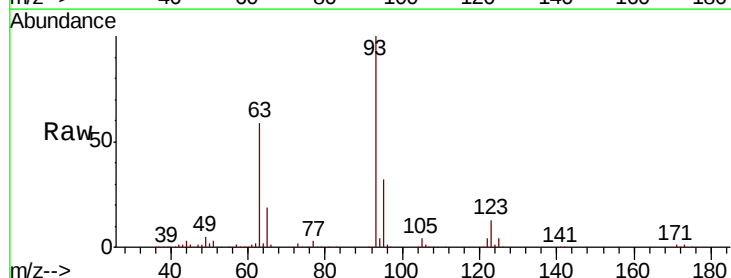
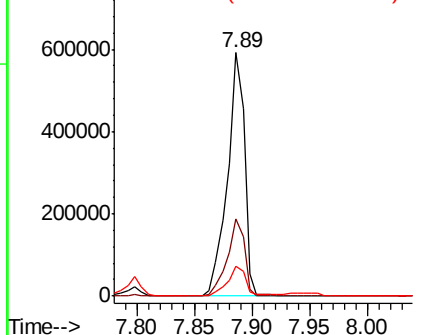
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	12.5	9.8	14.8

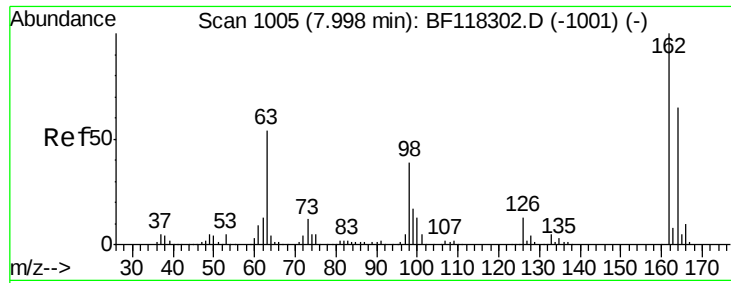
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





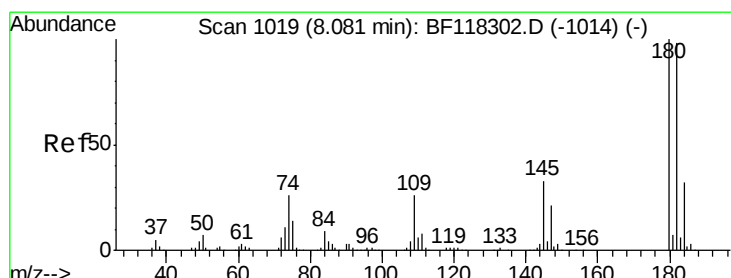
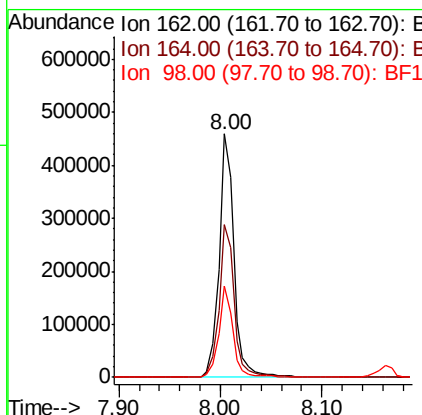
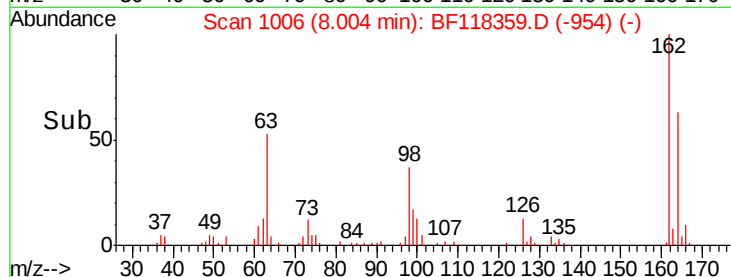
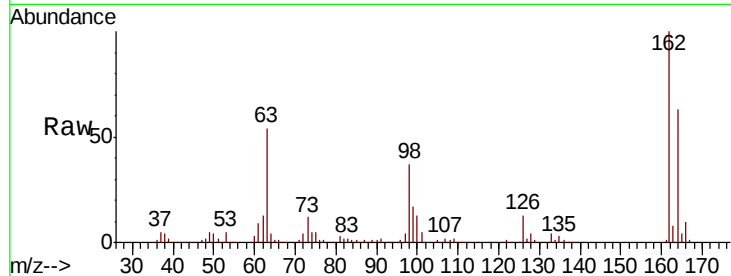
#29
2,4-Dichlorophenol
Concen: 41.593 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466829		
164	62.6	45.1	85.1	
98	37.4	18.6	58.6	

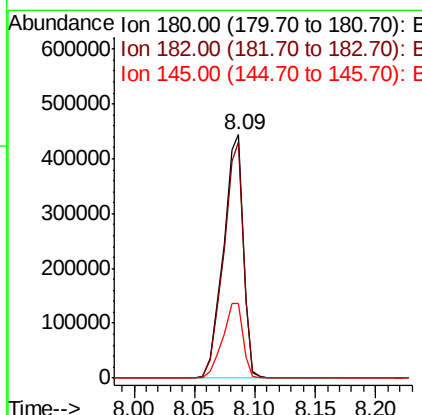
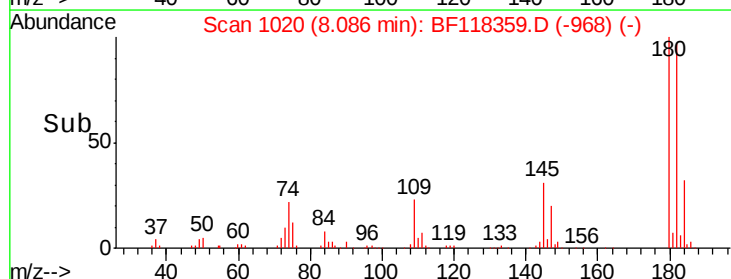
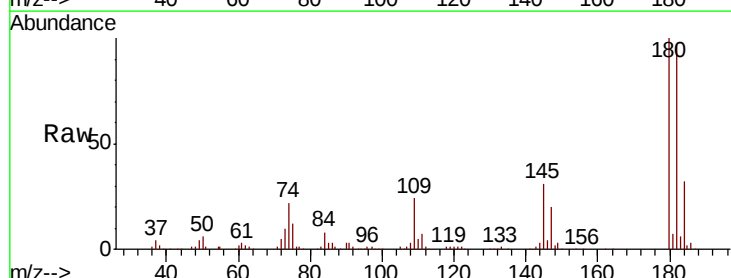
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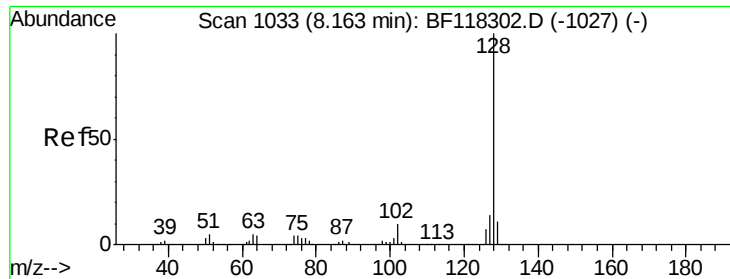
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.704 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	506035		
182	97.0	78.3	117.5	
145	30.8	26.7	40.1	





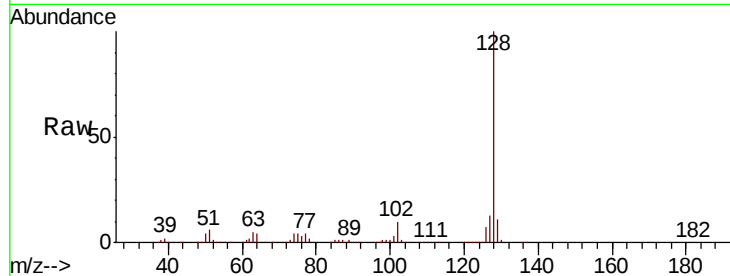
#31
Naphthalene
Concen: 40.773 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	11.0	16.4

Manual Integrations
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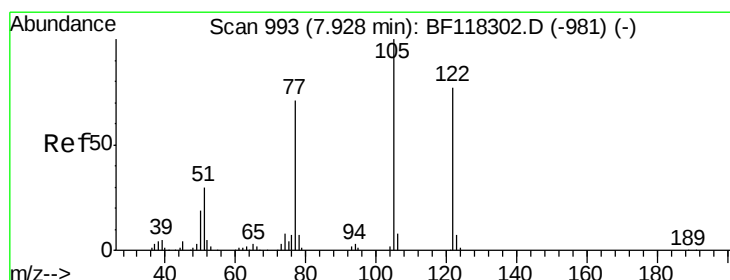
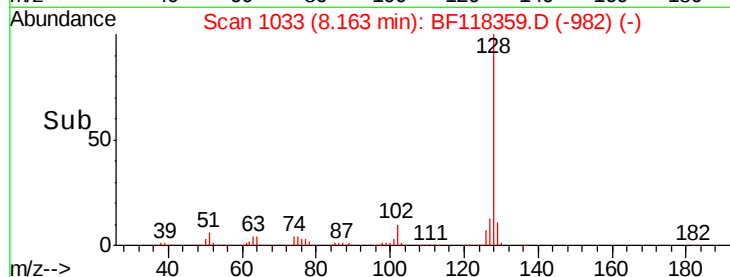
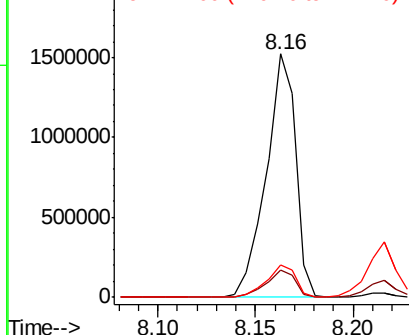


Abundance

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: 37.885 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

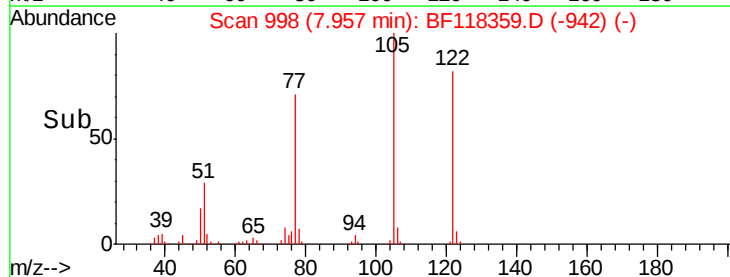
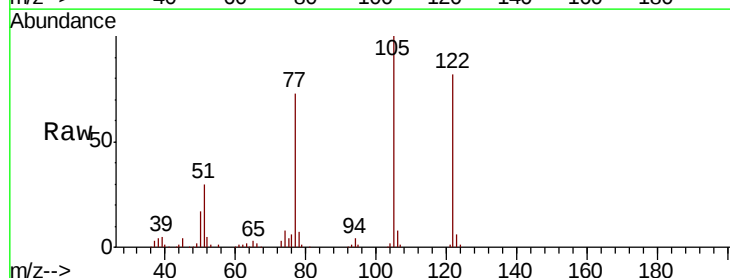
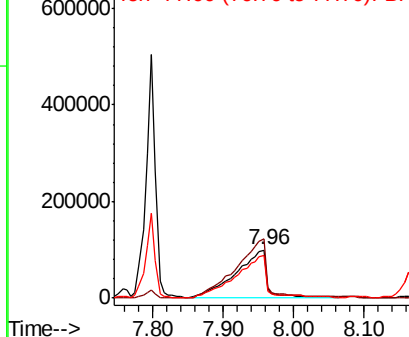
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	106.8	146.8
77	88.5	70.4	110.4

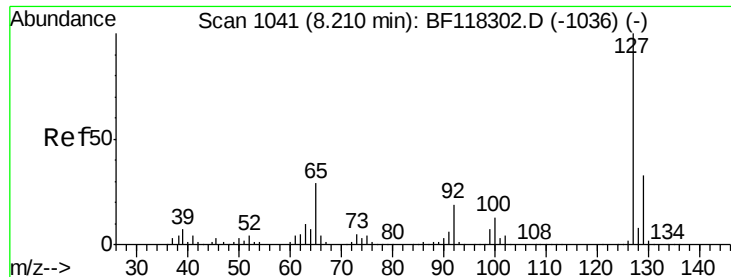
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





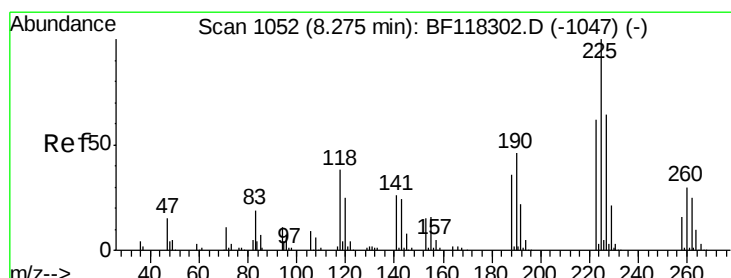
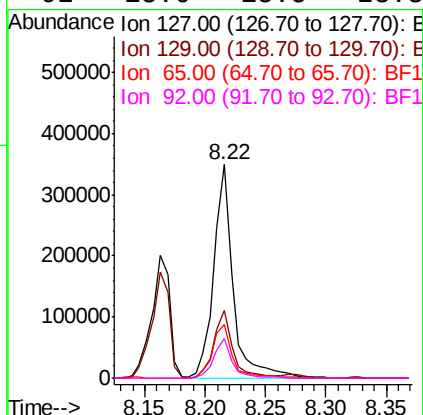
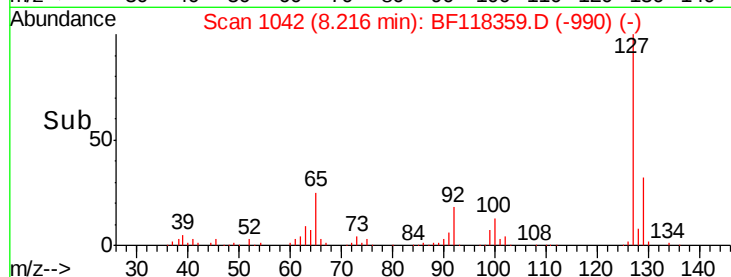
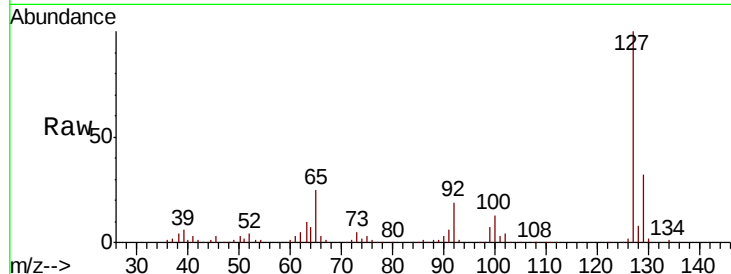
#33
4-Chloroaniline
Concen: 22.859 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.5	39.7	
65	25.3	22.8	34.2	
92	18.6	15.5	23.3	

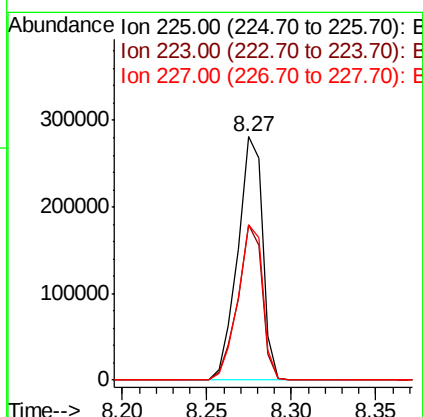
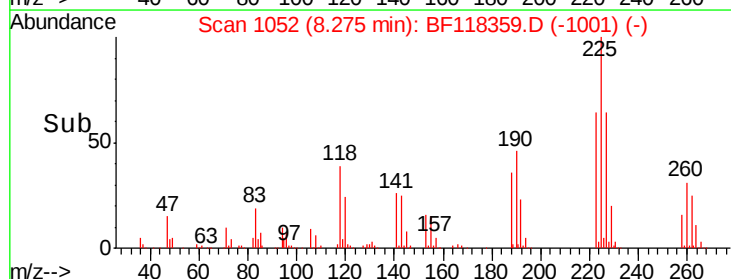
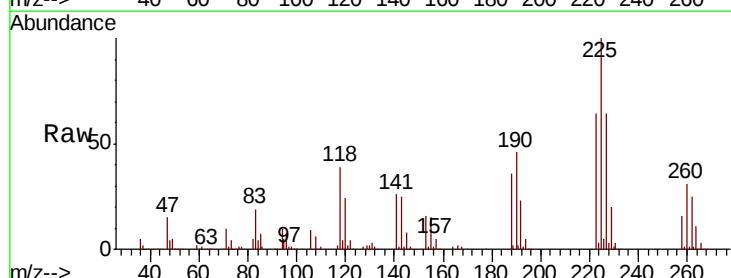
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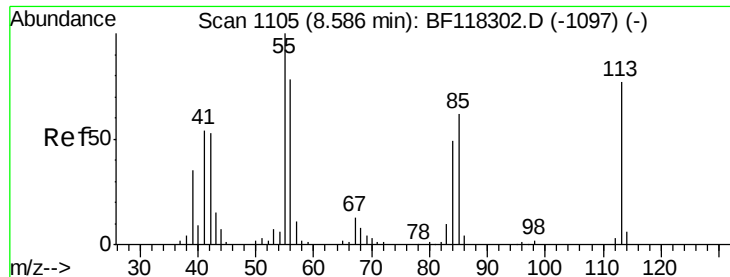
mohammad
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#34
Hexachlorobutadiene
Concen: 37.259 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	49.5	74.3	
227	63.8	51.0	76.4	





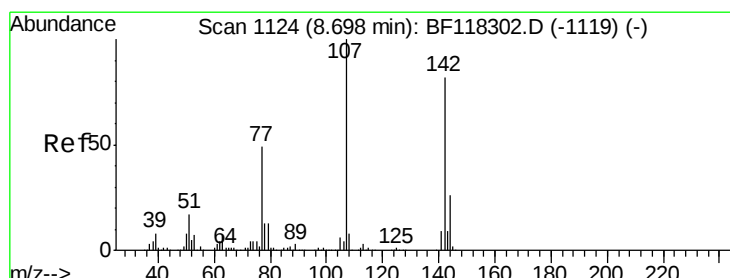
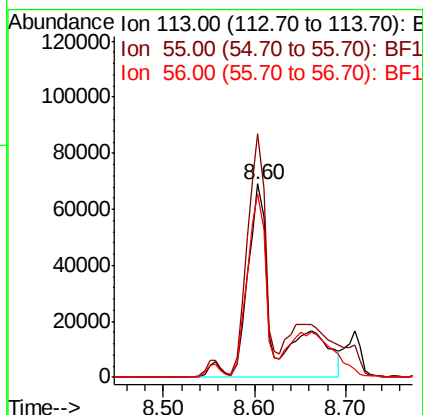
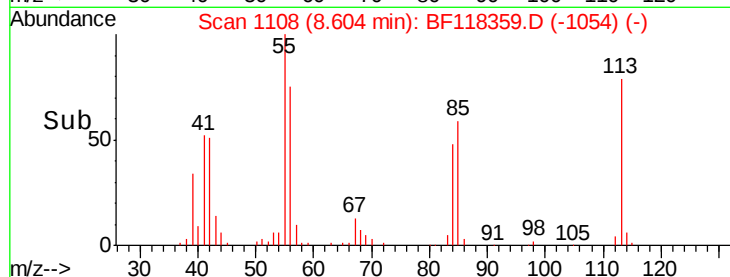
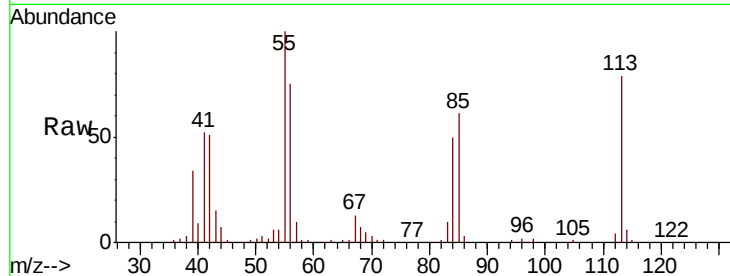
#35
Caprolactam
Concen: 42.310 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	125.9	109.8	149.8
56	94.9	81.7	121.7

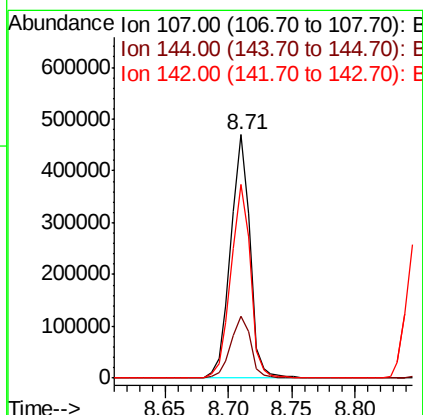
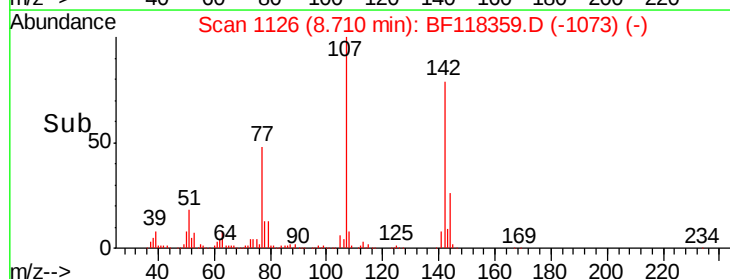
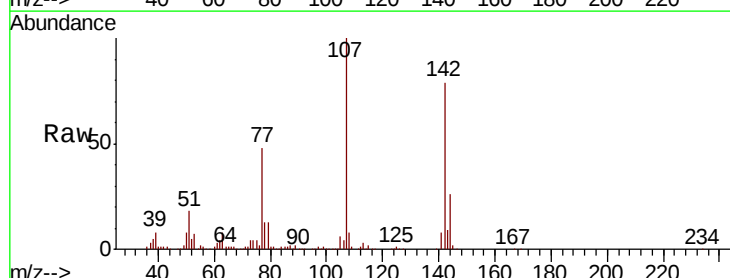
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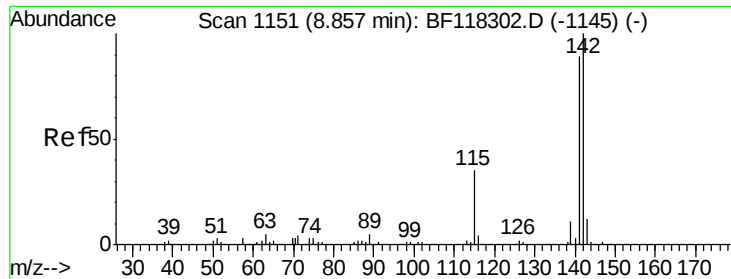
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.993 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.2	31.8
142	79.5	65.4	98.2





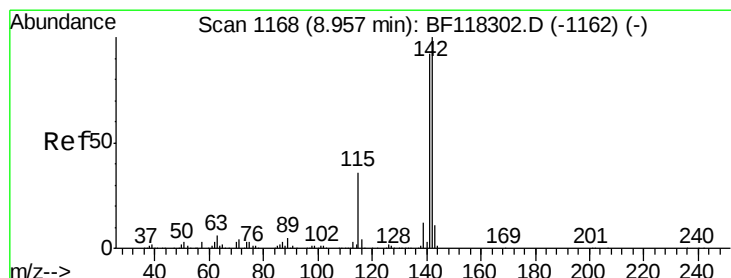
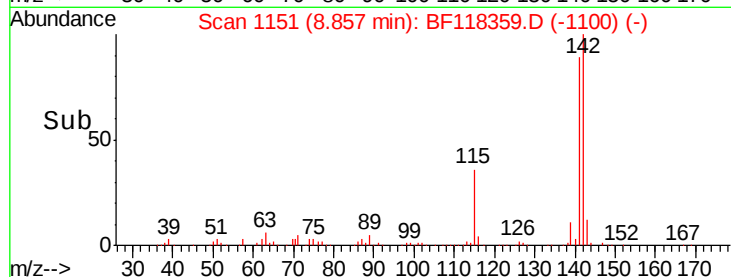
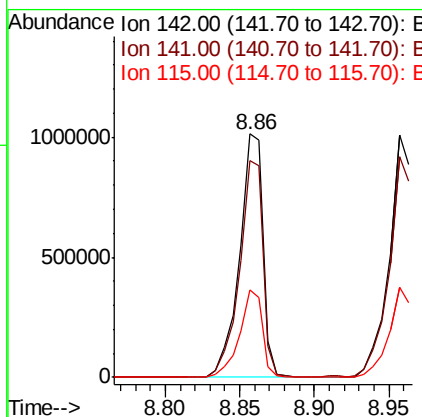
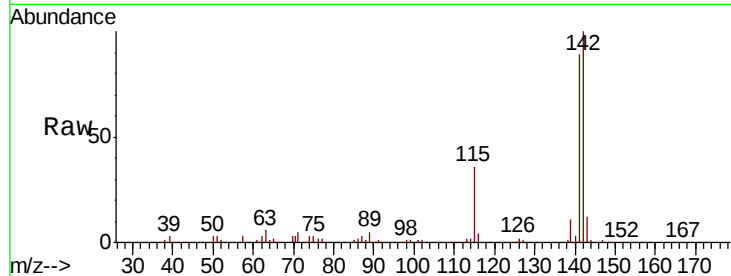
#37
2-Methylnaphthalene
Concen: 41.501 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	35.8	28.0	42.0

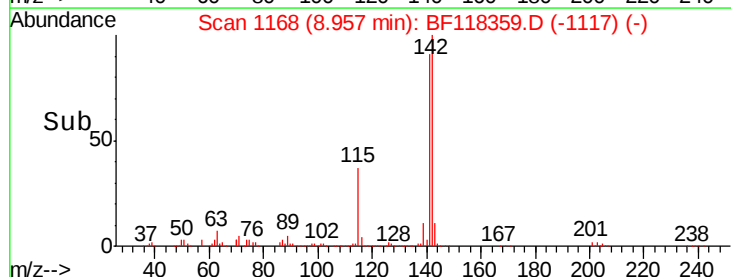
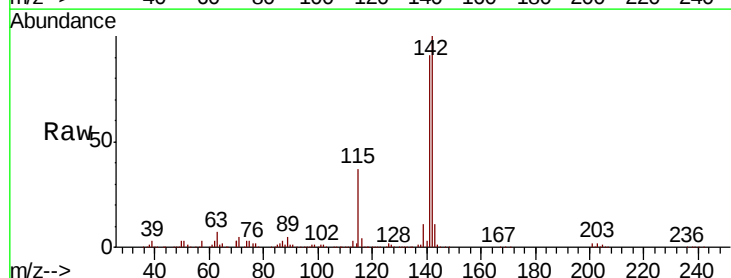
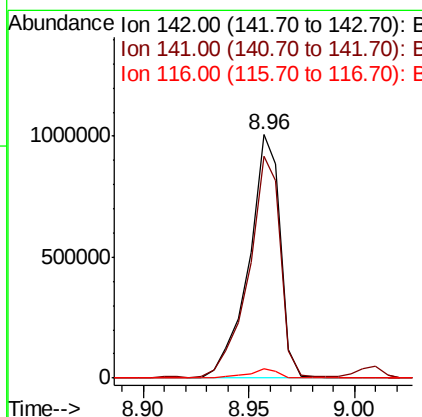
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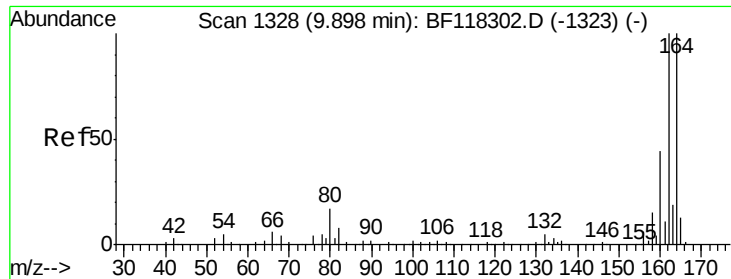
mohammad
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#38
1-Methylnaphthalene
Concen: 41.103 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.2
116	4.0	2.9	4.3





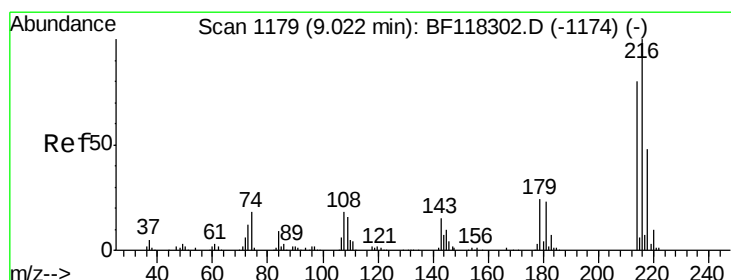
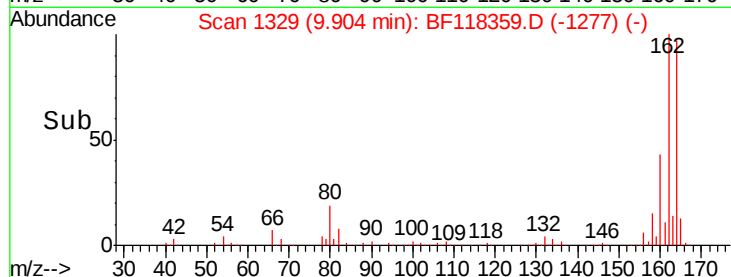
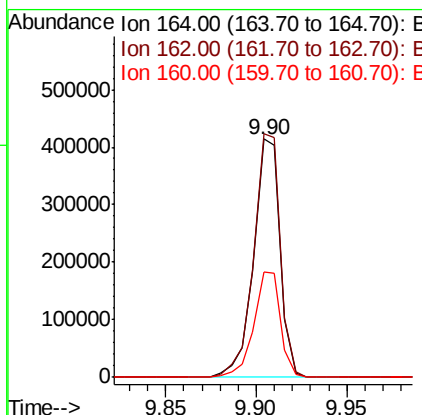
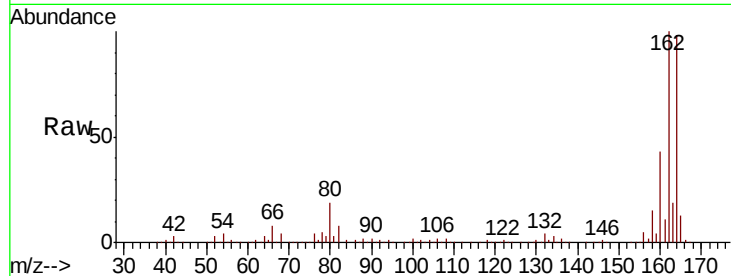
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.0	120.0
160	44.2	34.8	52.2

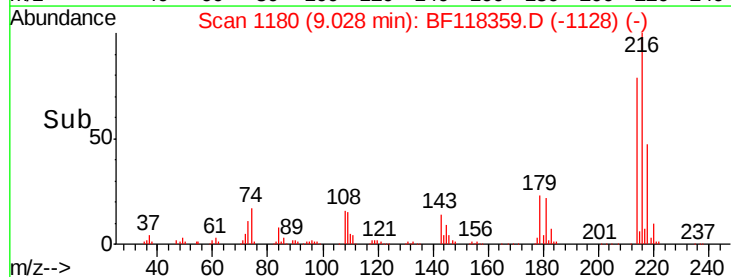
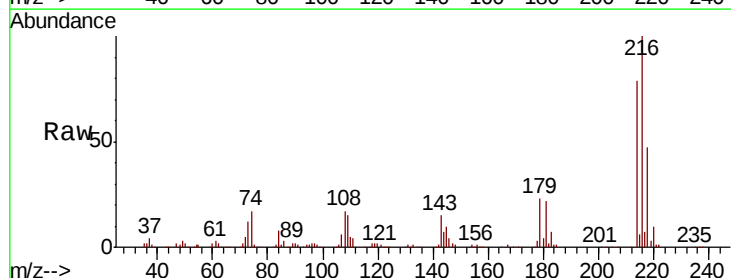
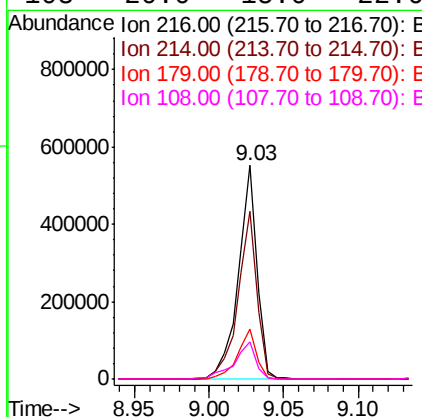
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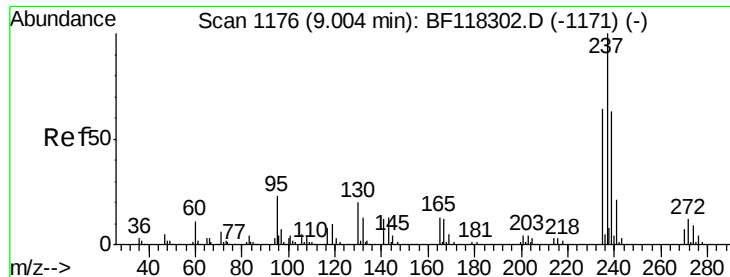
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.299 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.3	94.9
179	23.3	18.9	28.3
108	20.0	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 65.757 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

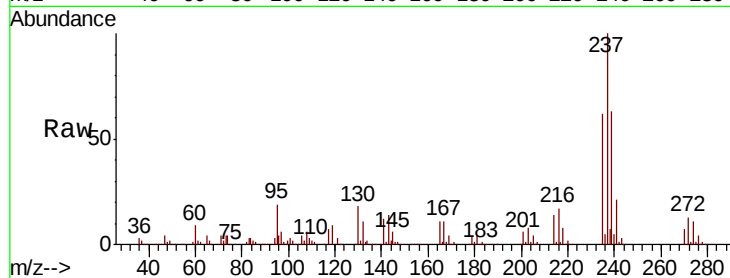
ClientSampleId :

PB125767BSD

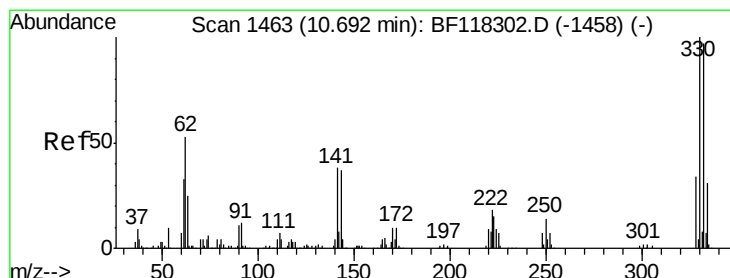
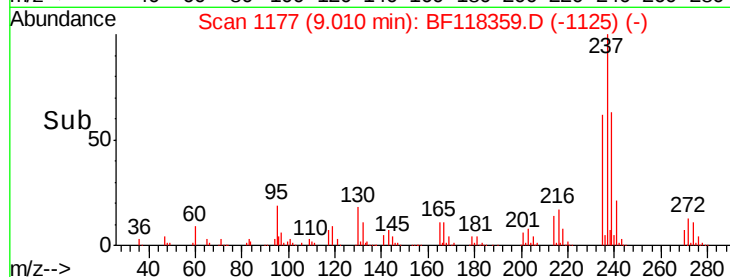
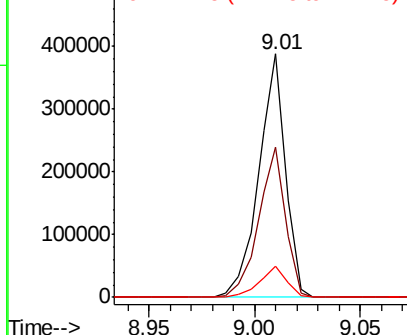
Tot Ion:	237	Resp:	339857
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.8	83.8
272	13.0	0.0	31.7

Manual Integrations
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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: 71.987 ng

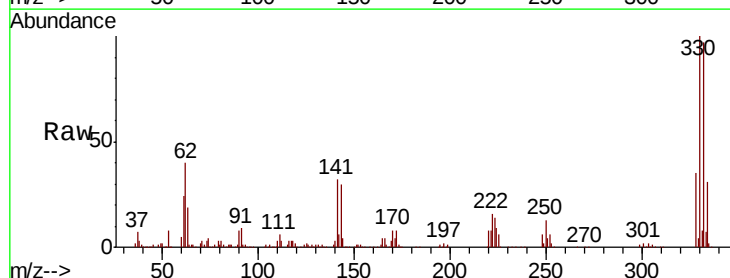
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

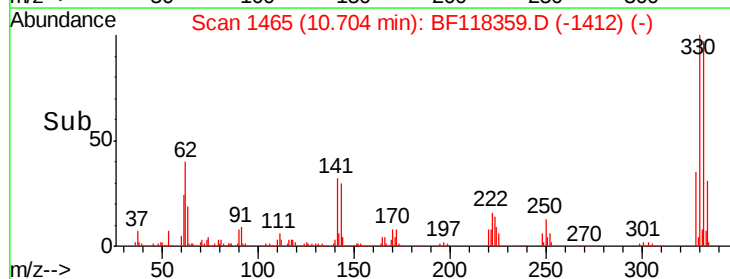
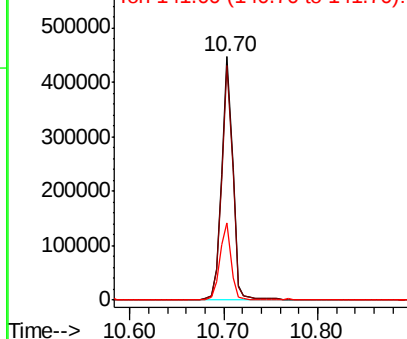
Lab File: BF118359.D

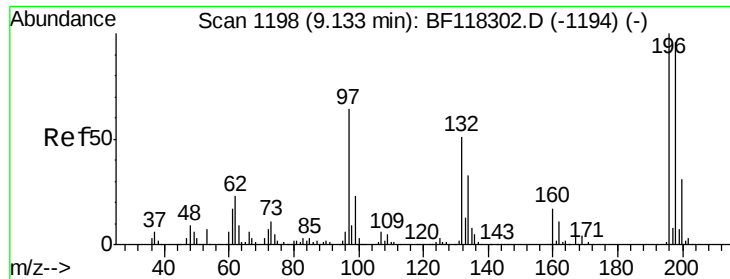
Acq: 28 Dec 2019 12:17

Tgt Ion:	330	Resp:	373441
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	114.8
141	31.8	26.0	39.0



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





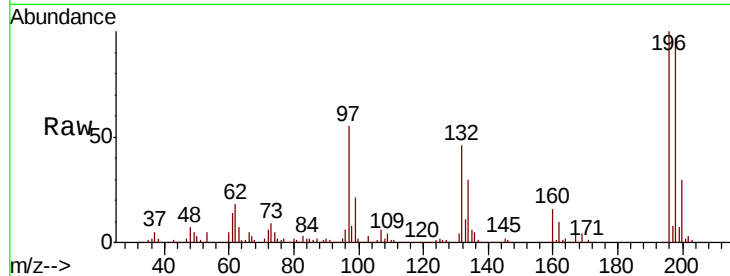
#43
 2,4,6-Trichlorophenol
 Concen: 39.232 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	330803		
198	97.0	76.7	115.1	
200	30.3	24.8	37.2	

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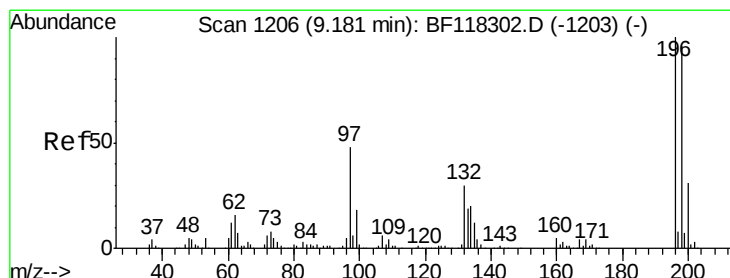
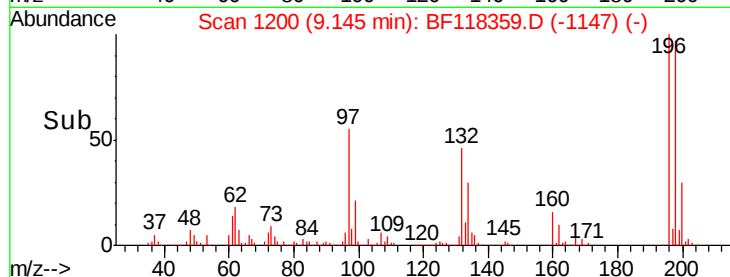
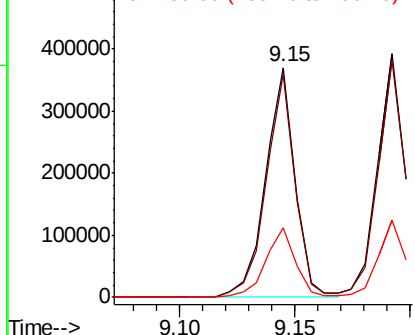


Abundance

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: 39.872 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345852		
198	97.3	77.0	115.4	
97	48.4	38.9	58.3	
132	29.0	23.9	35.9	

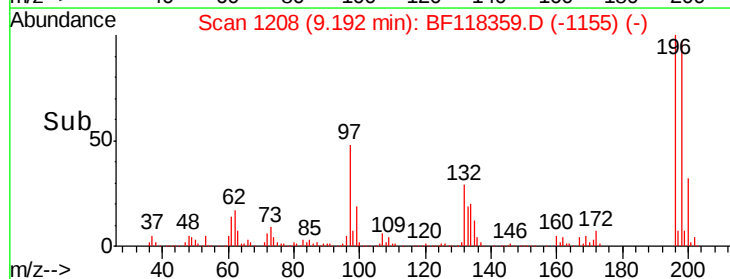
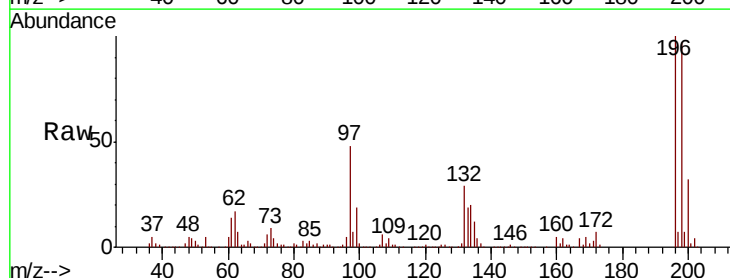
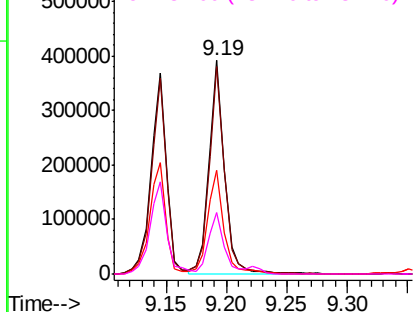
Abundance

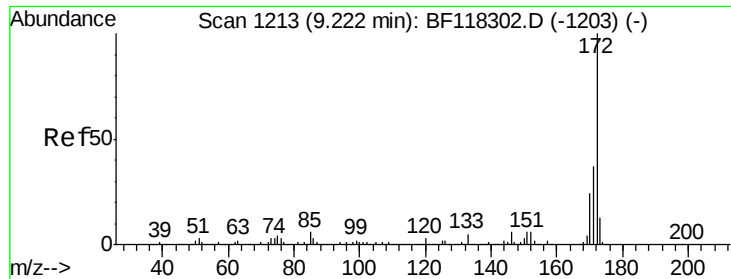
Ion 196.00 (195.70 to 196.70): E

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





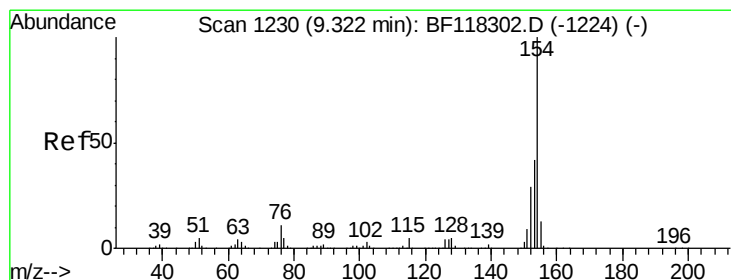
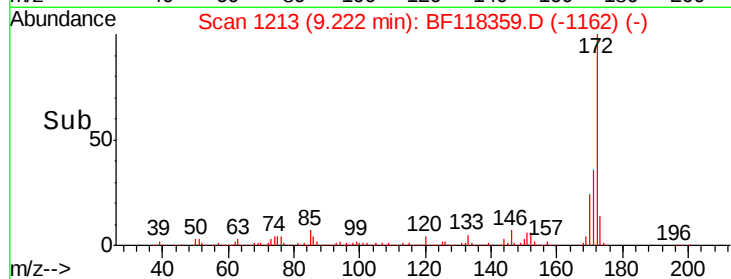
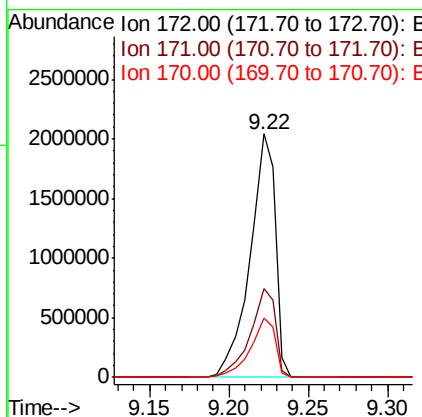
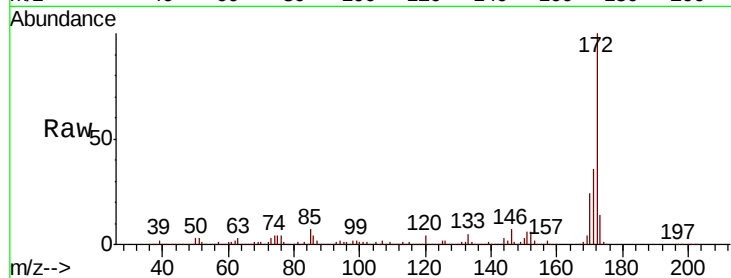
#45
2-Fluorobiphenyl
Concen: 82.189 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.1	19.2	28.8

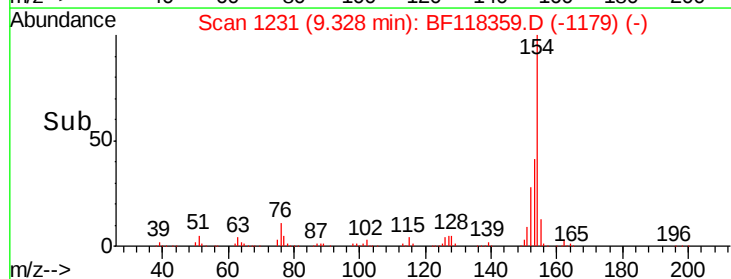
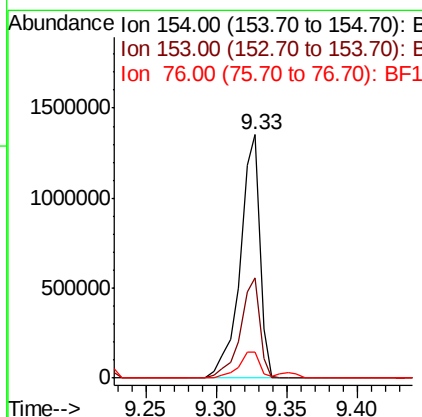
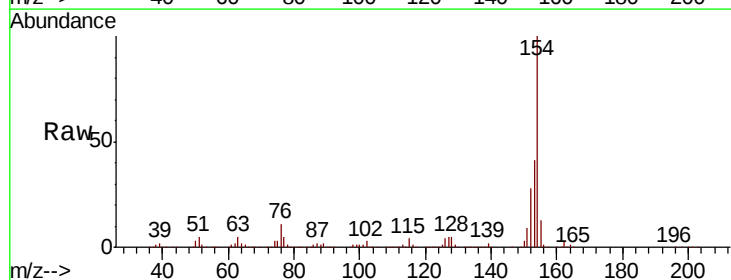
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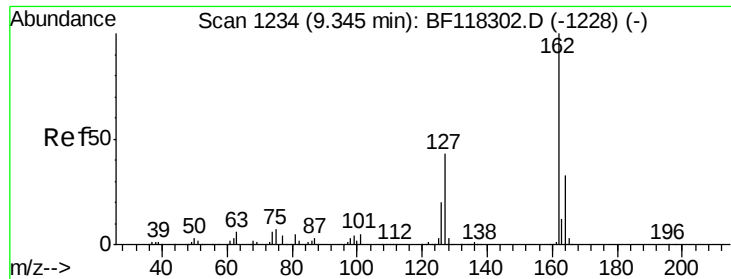
mohammad
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#46
1,1'-Biphenyl
Concen: 39.505 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.8	61.8
76	10.7	0.0	30.9





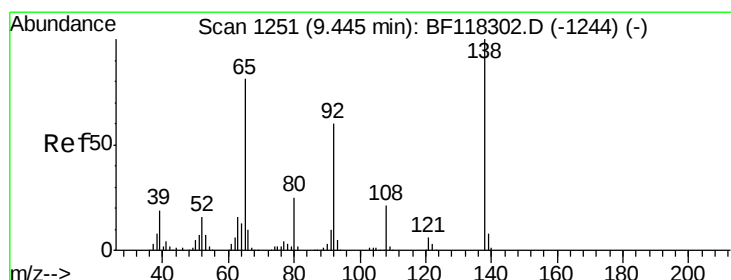
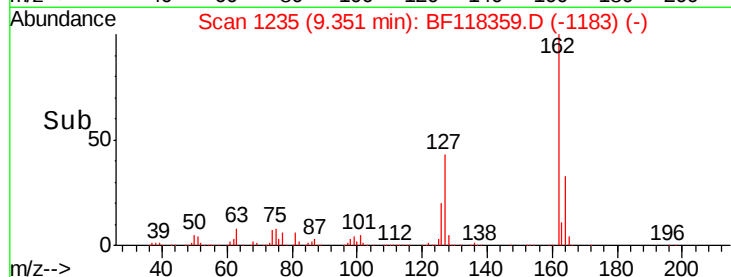
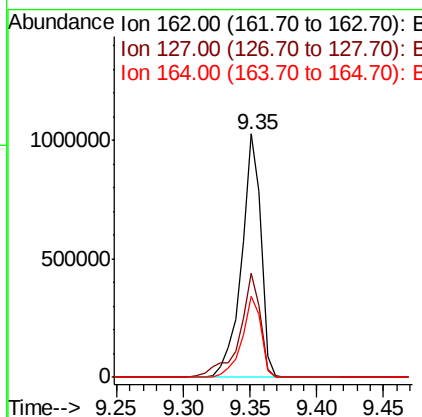
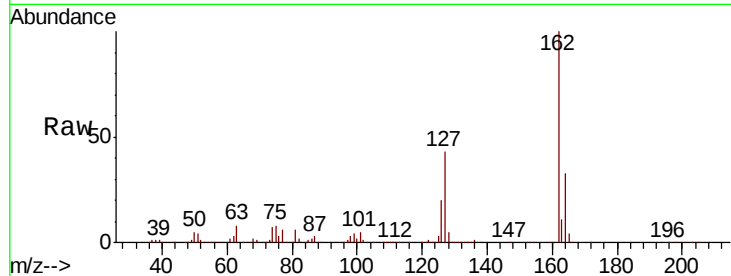
#47
2-Chloronaphthalene
Concen: 38.419 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	35.0	52.4
164	33.2	26.6	40.0

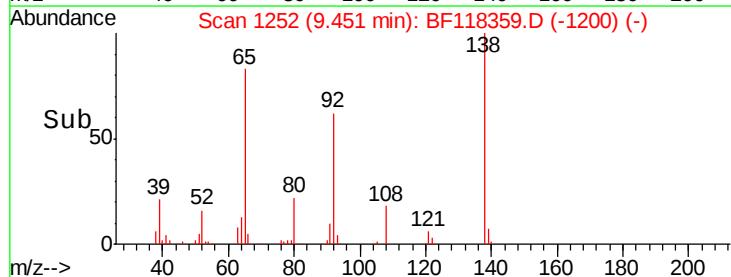
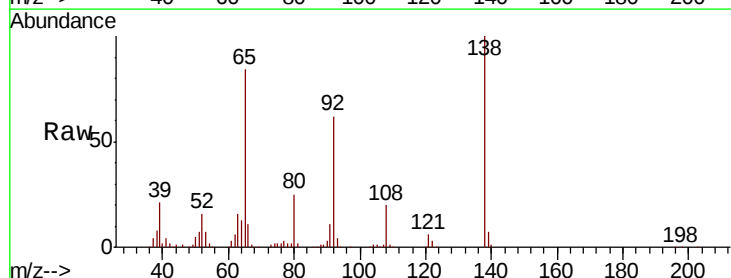
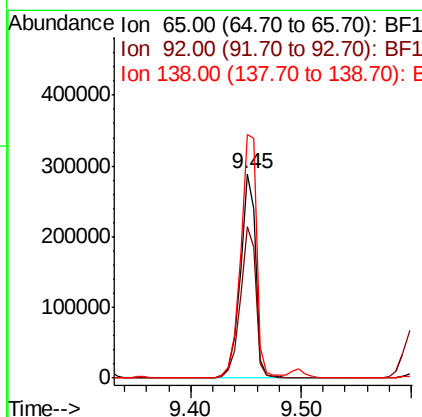
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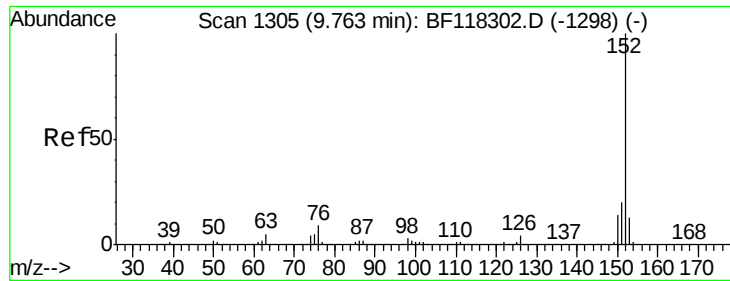
mohammad
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#48
2-Nitroaniline
Concen: 37.460 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.7	88.1
138	119.4	98.5	147.7





#49

Acenaphthylene

Concen: 40.334 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB125767BSD

Tot Ion:152 Resp: 1599646

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

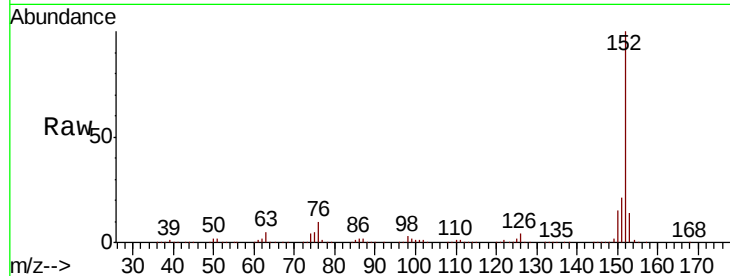
153 13.8 10.5 15.7

Manual Integrations

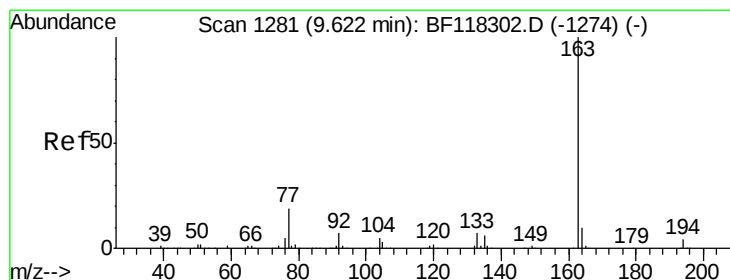
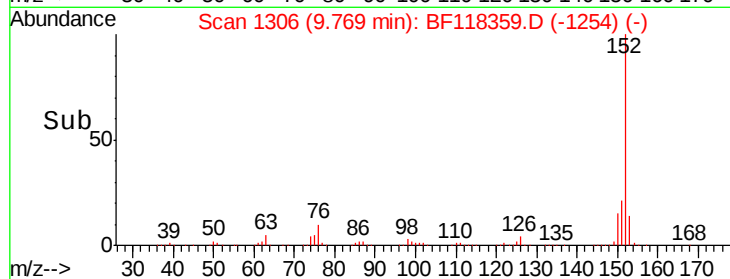
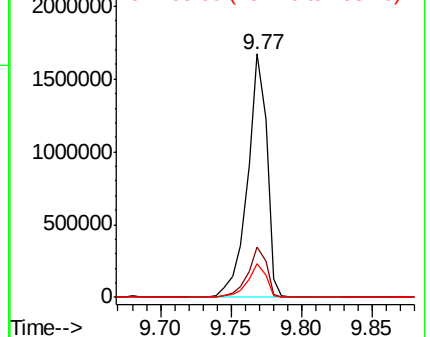
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.760 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

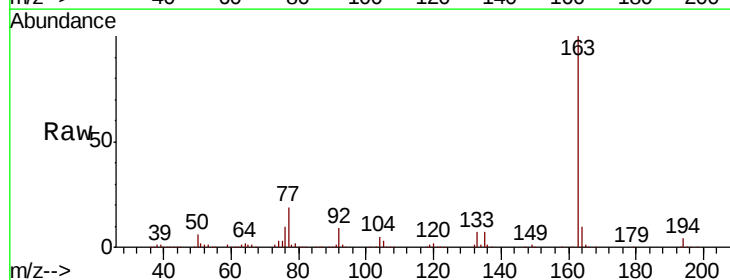
Tgt Ion:163 Resp: 1222218

Ion Ratio Lower Upper

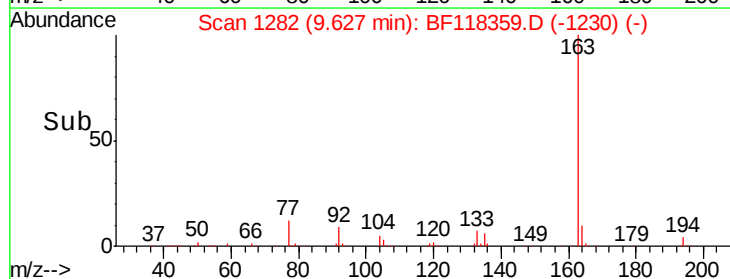
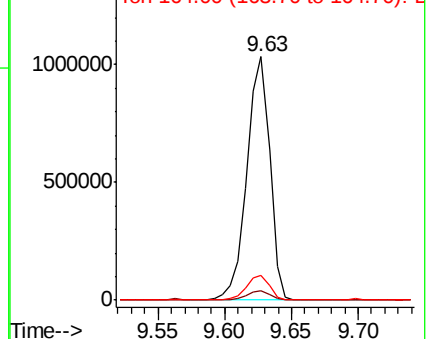
163 100

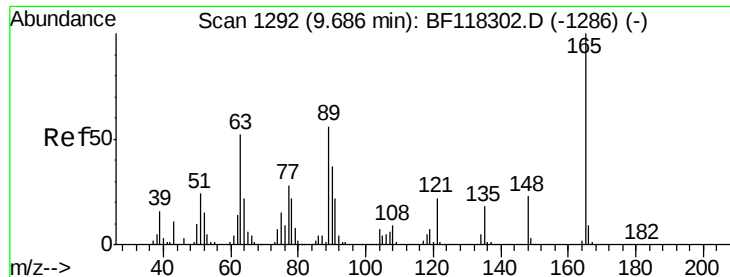
194 3.9 3.2 4.8

164 10.3 7.9 11.9



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: 39.790 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

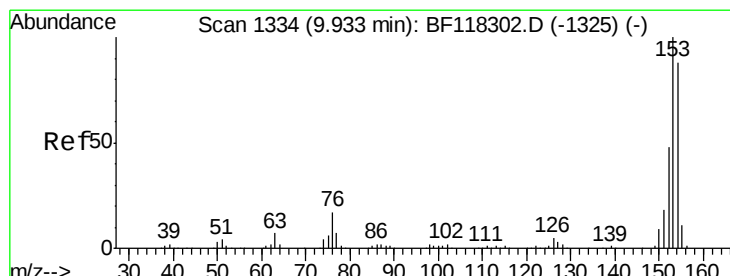
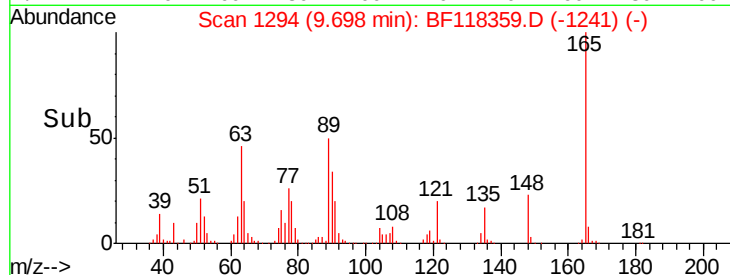
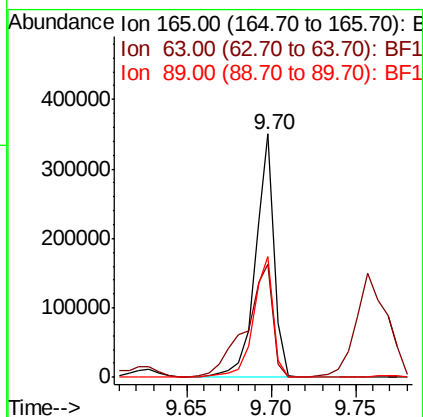
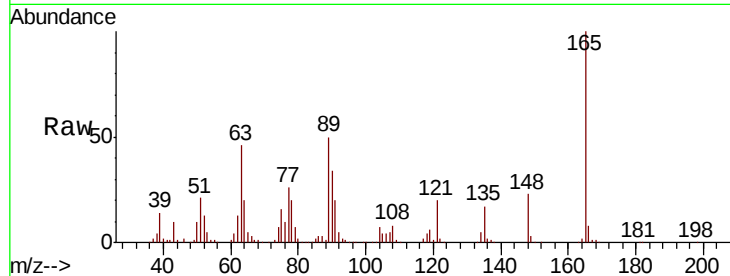
ClientSampleId :

PB125767BSD

Tot Ion:	165	Resp:	270499
Ion Ratio	Lower	Upper	
165	100		
63	46.5	42.2	63.4
89	49.8	44.4	66.6

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#52

Acenaphthene

Concen: 38.984 ng

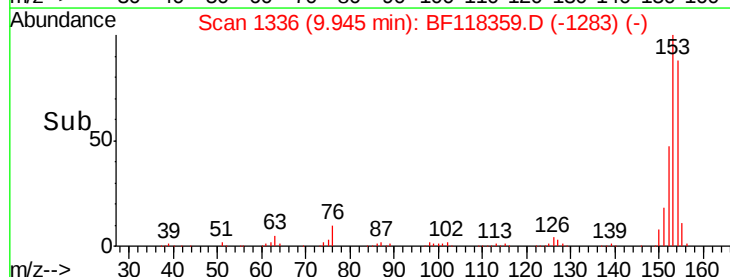
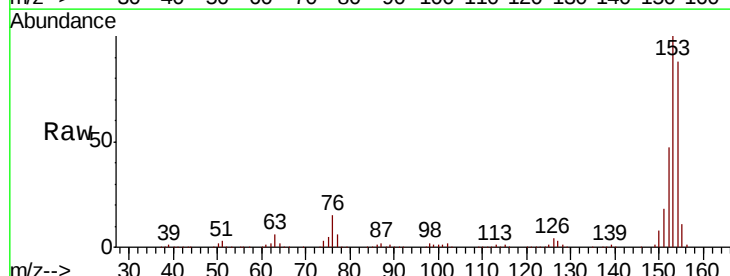
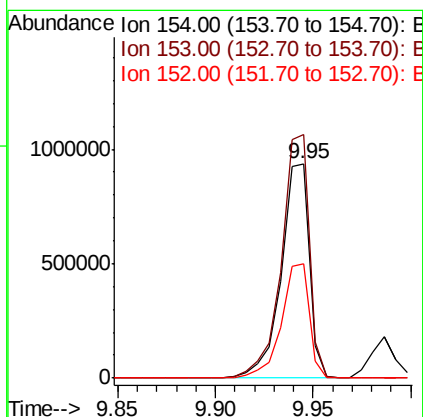
RT: 9.95 min Scan# 1336

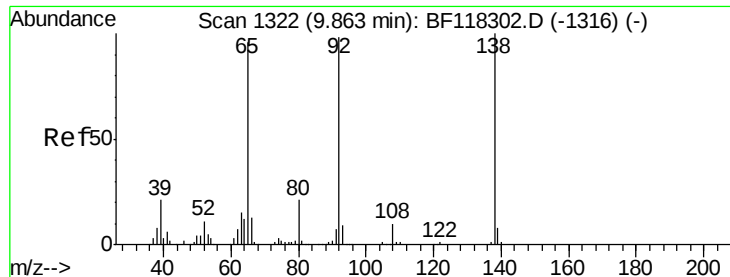
Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:	154	Resp:	941743
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.6	136.0
152	53.4	43.1	64.7





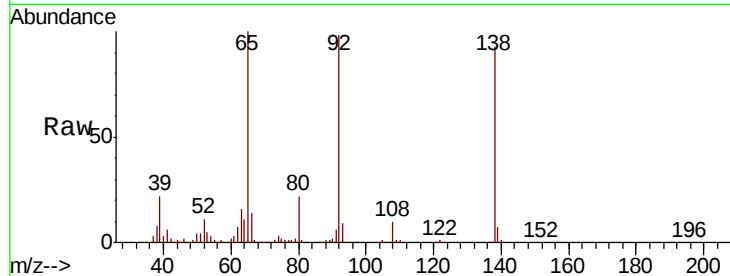
#53
3-Nitroaniline
Concen: 23.564 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	104.7	78.2	117.2

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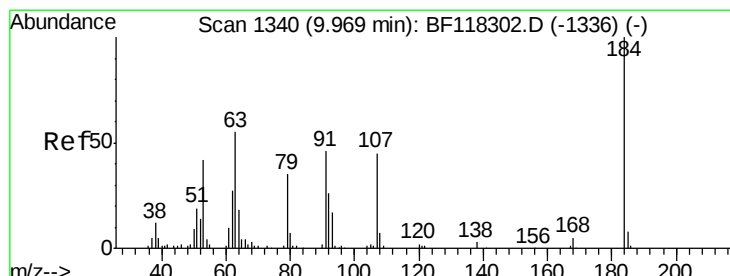
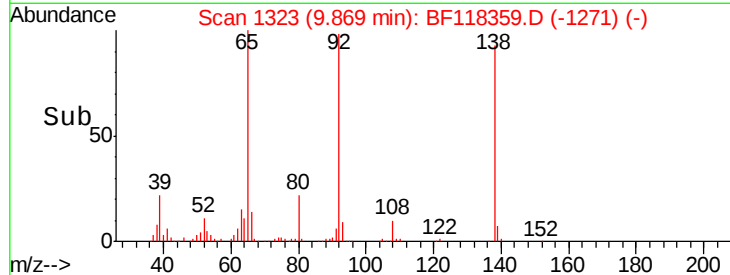
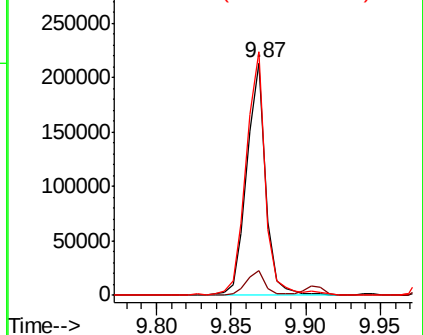


Abundance

Ion 138.00 (137.70 to 138.70): E

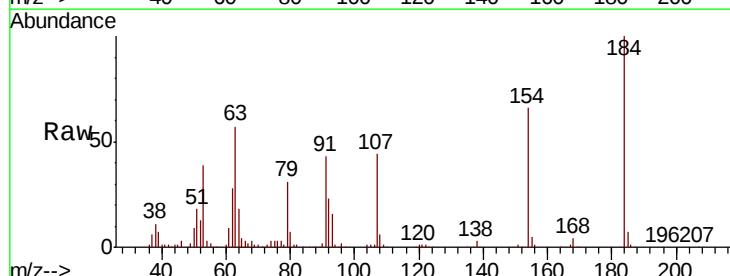
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.478 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	48.8	73.2
154	65.7	55.0	82.4

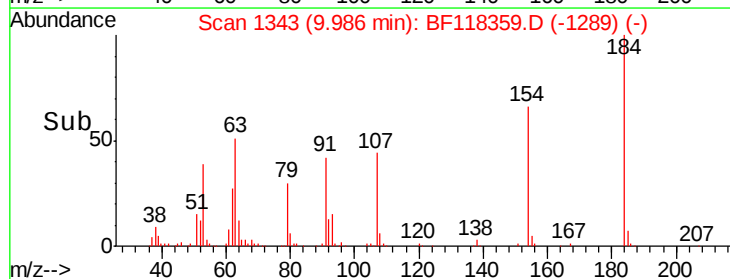
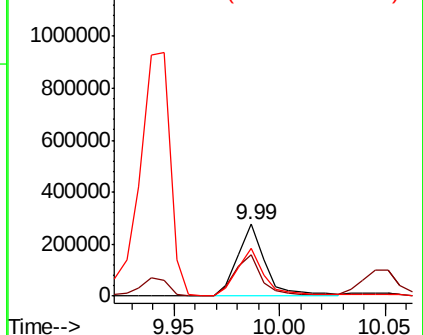


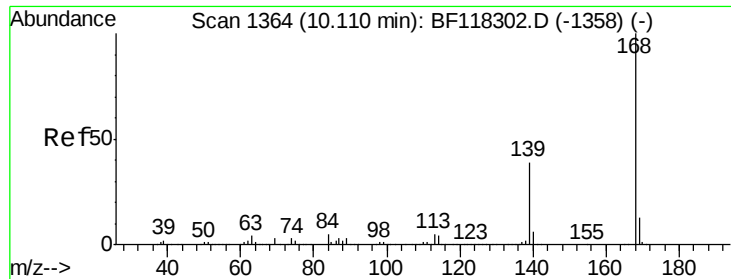
Abundance

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





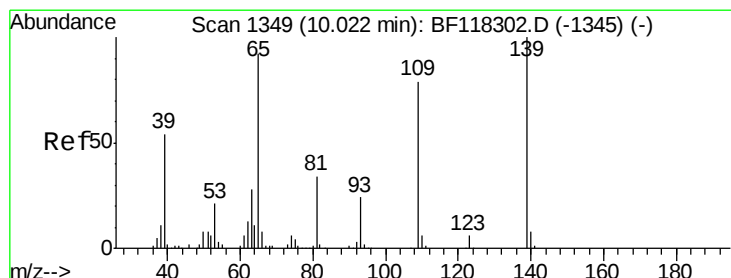
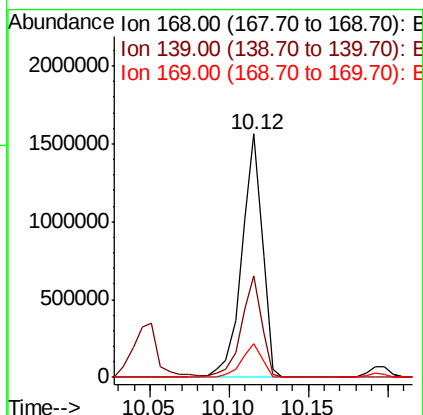
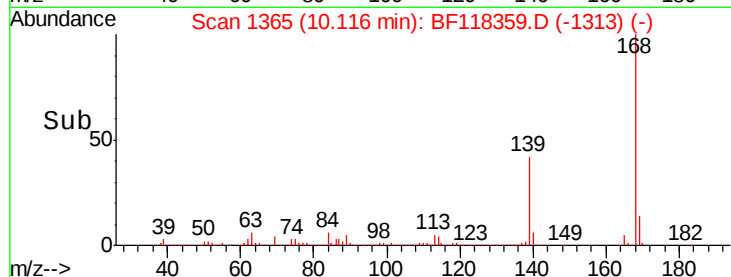
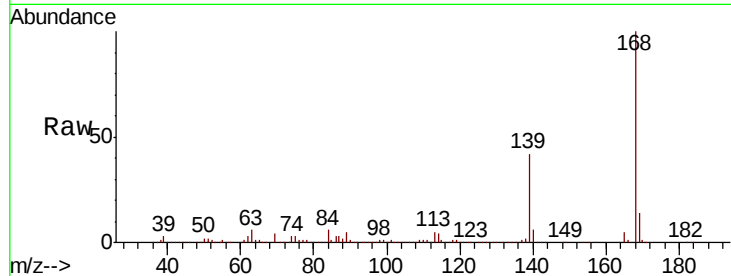
#55
Dibenzofuran
Concen: 39.140 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.5	47.3
169	14.1	10.4	15.6

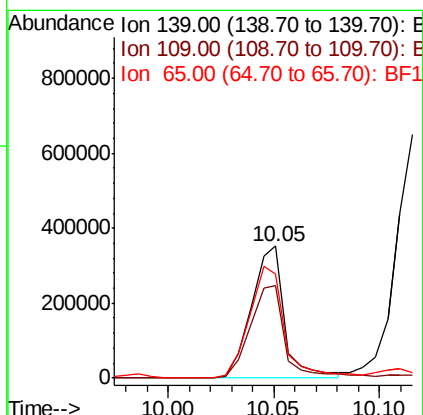
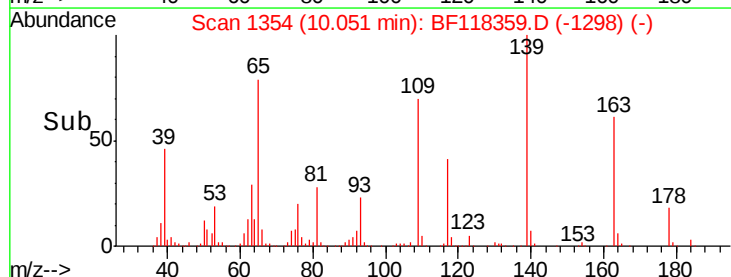
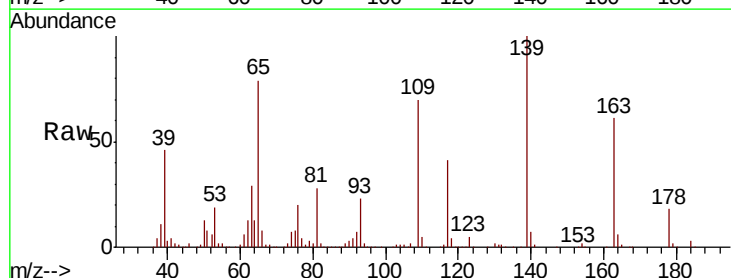
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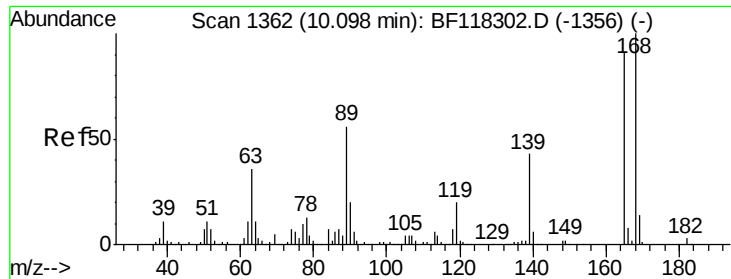
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#56
4-Nitrophenol
Concen: 77.930 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	59.3	99.3
65	78.7	72.4	112.4





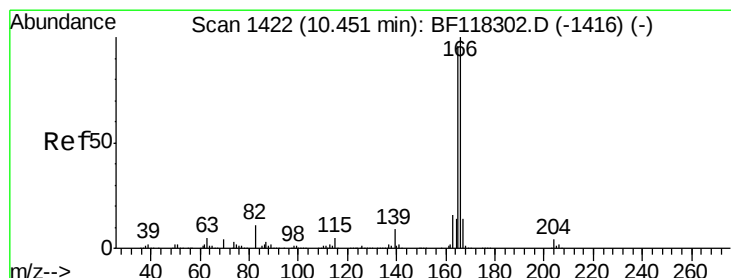
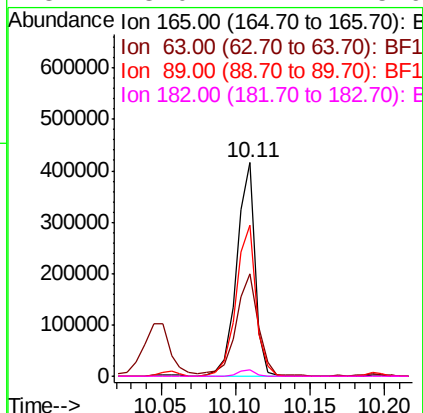
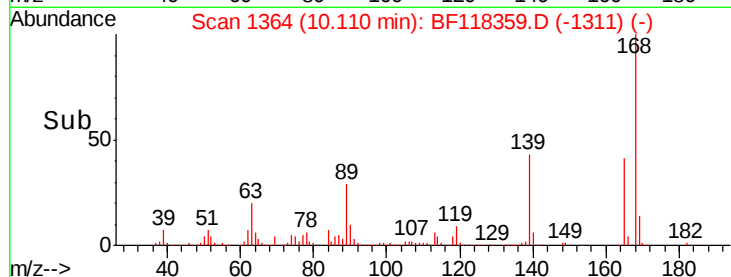
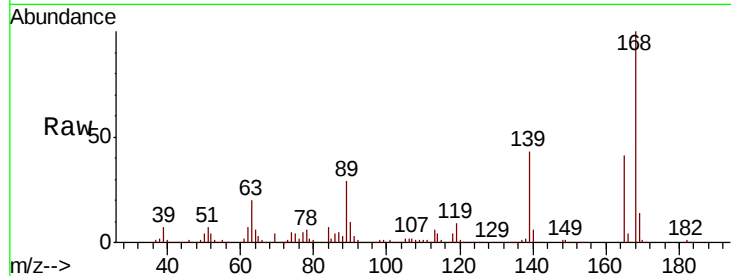
#57
2,4-Dinitrotoluene
Concen: 39.294 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	32.0	48.0	#
89	70.7	49.3	73.9	
182	3.0	2.4	3.6	

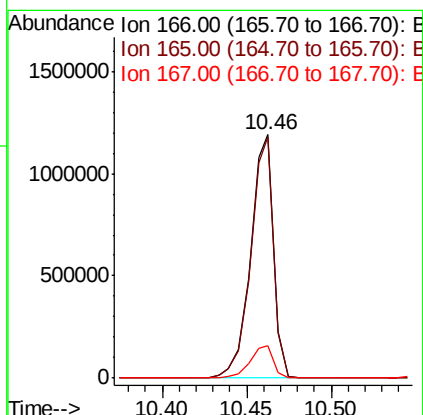
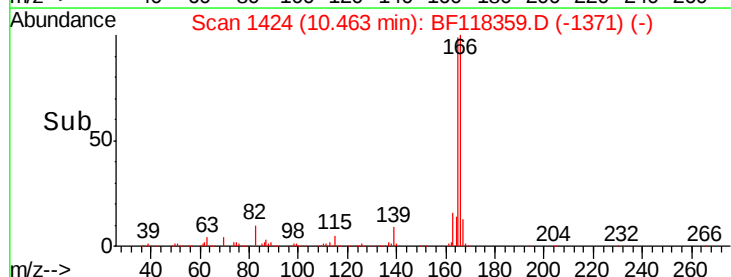
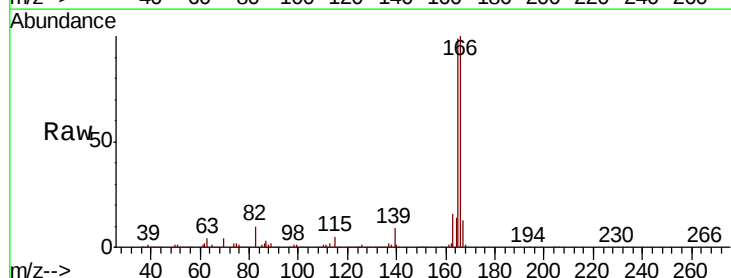
Manual Integrations
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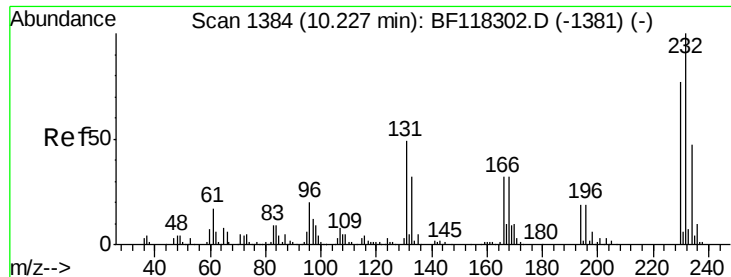
mohammad
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#58
Fluorene
Concen: 39.120 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	77.0	115.4	
167	13.4	10.9	16.3	





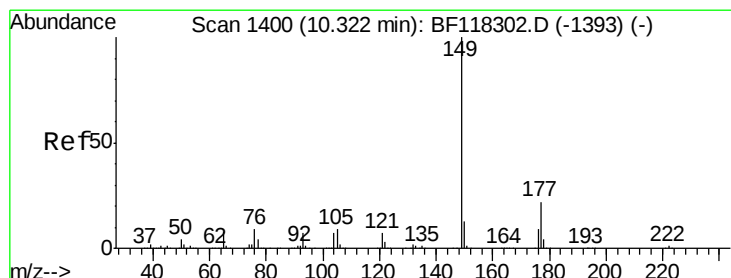
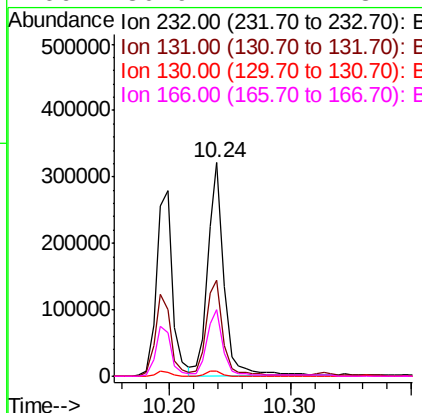
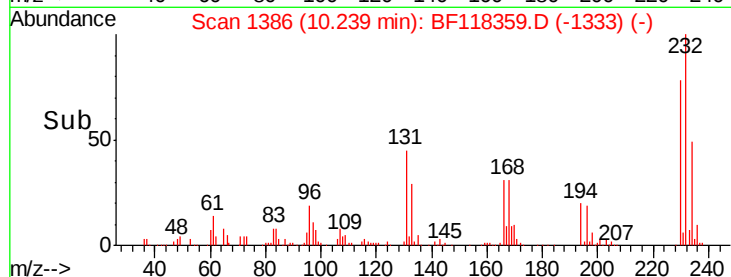
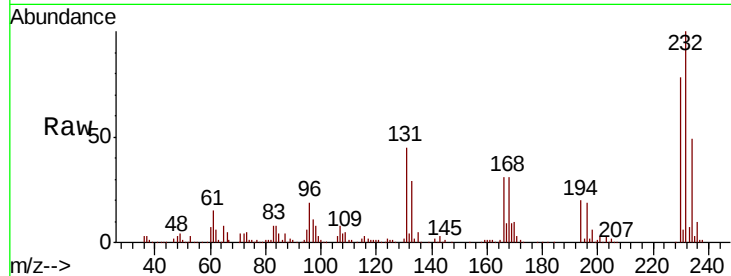
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.795 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleID :
 PB125767BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.7	56.5
130	2.6	2.0	3.0
166	30.9	24.7	37.1

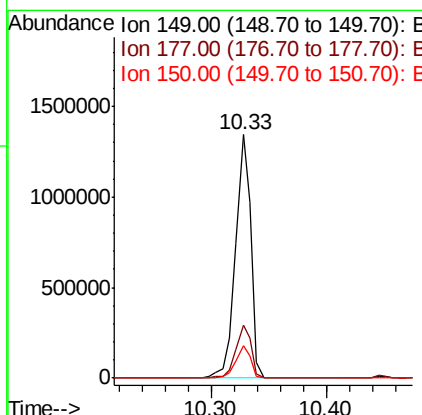
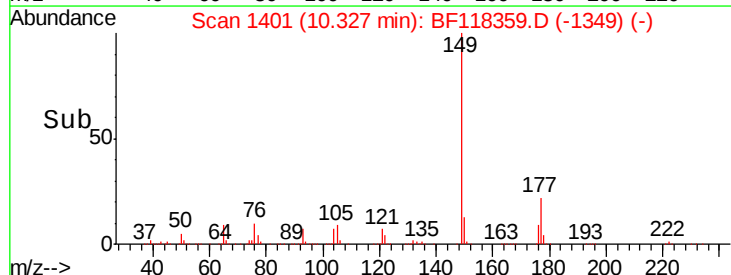
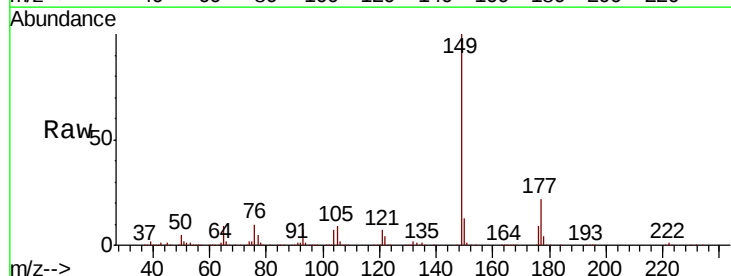
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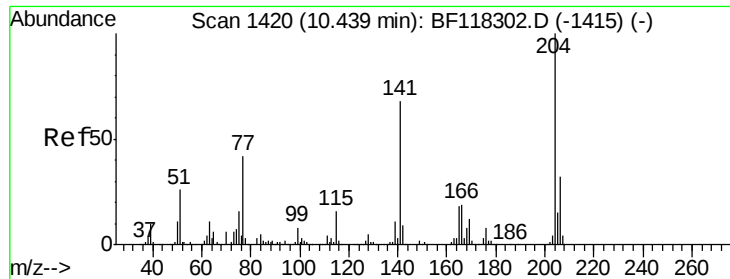
mohammad
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#60
 Diethylphthalate
 Concen: 39.301 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	13.3	10.2	15.2





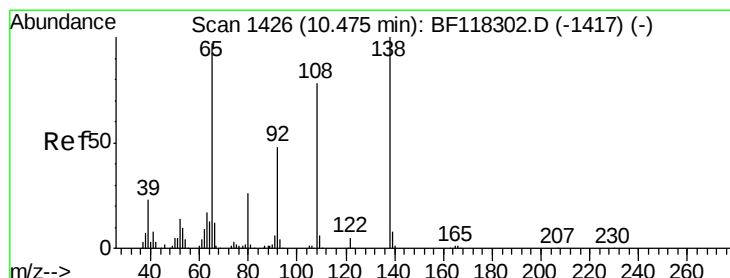
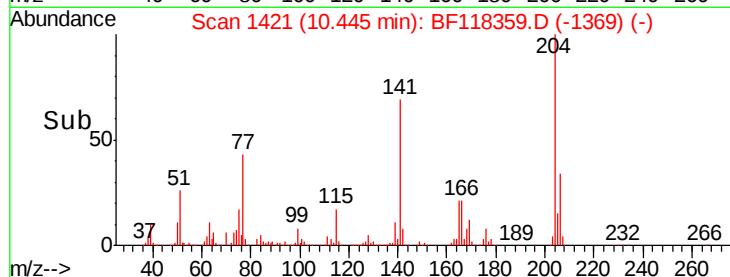
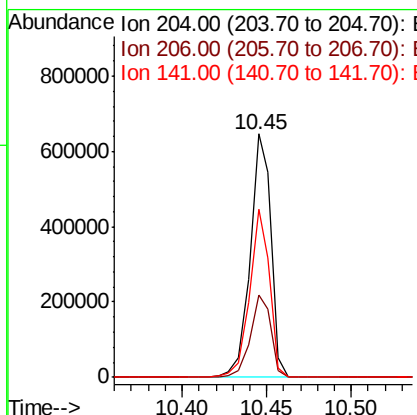
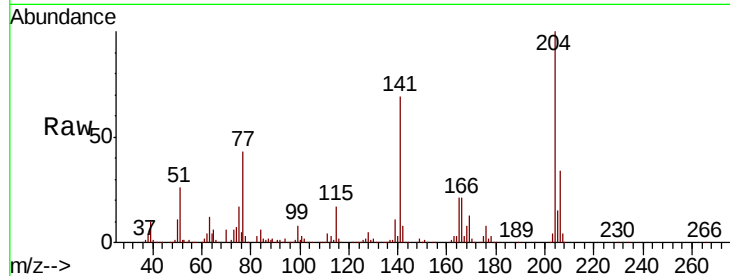
#61
 4-Chlorophenyl-phenylether
 Concen: 38.807 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

Tot Ion:	204	Resp:	558212
Ion Ratio	Lower	Upper	
204	100		
206	33.7	25.8	38.8
141	69.0	54.2	81.4

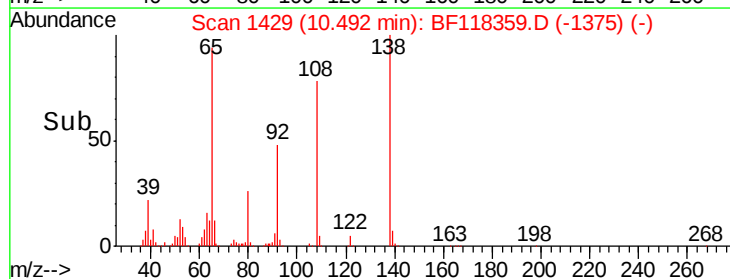
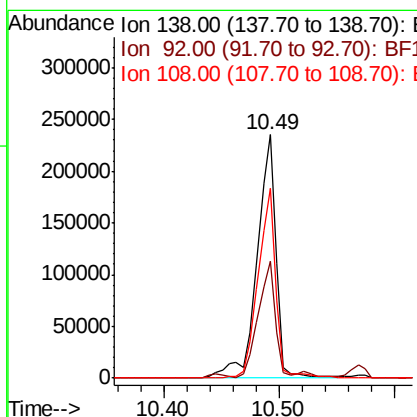
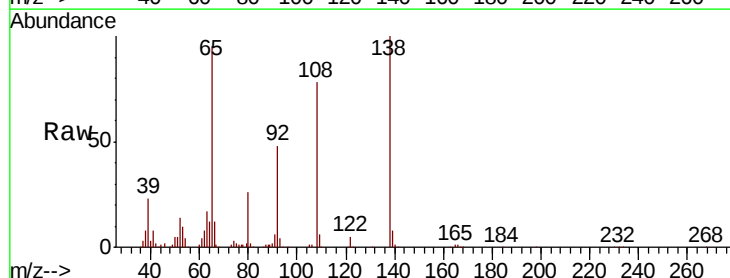
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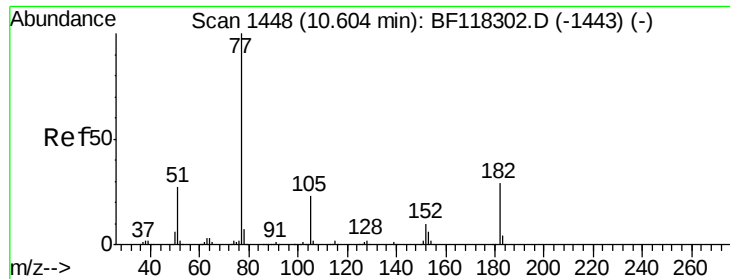
mohammad
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#62
 4-Nitroaniline
 Concen: 32.845 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.02 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:	138	Resp:	272254
Ion Ratio	Lower	Upper	
138	100		
92	48.1	27.9	67.9
108	78.2	58.1	98.1





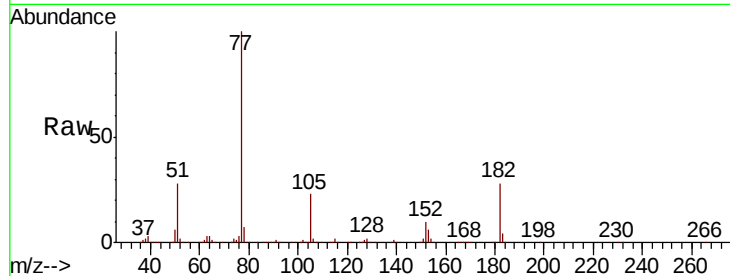
#63
Azobenzene
Concen: 39.315 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

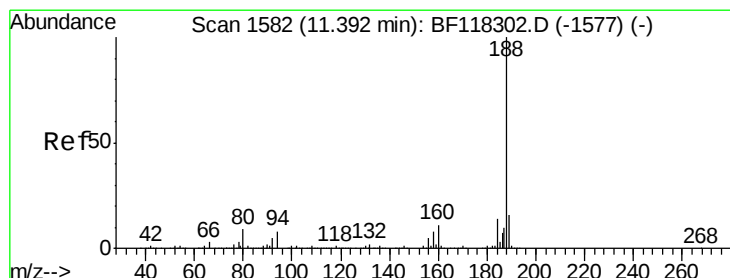
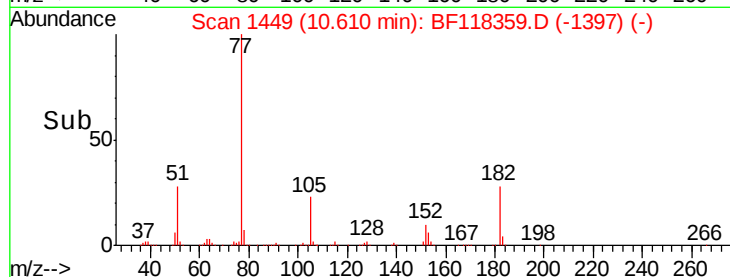
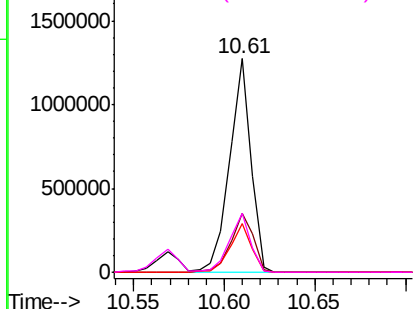
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.2	49.2
105	23.1	3.2	43.2
51	27.8	7.1	47.1

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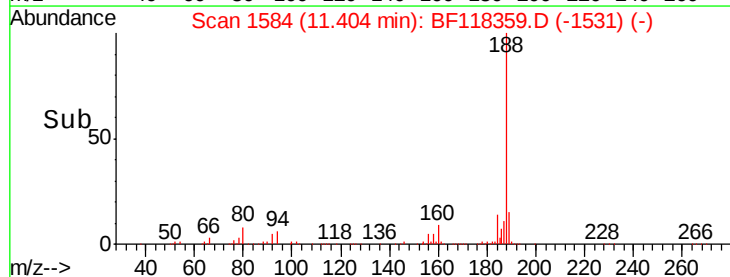
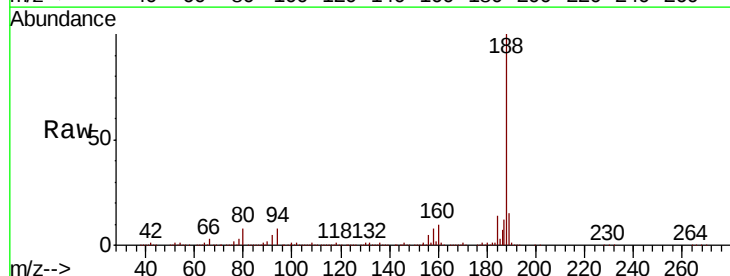
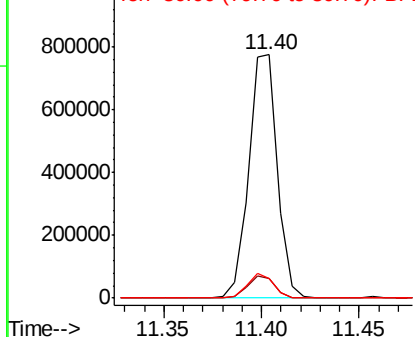
Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

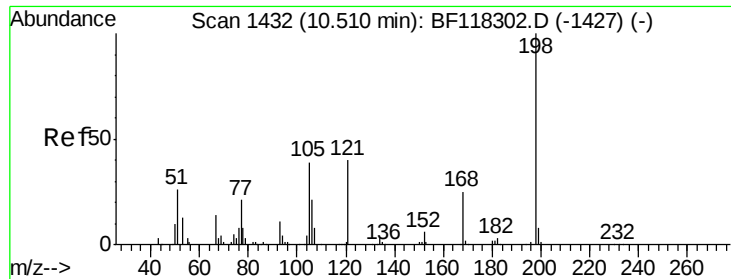


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.3	7.2	10.8

Abundance Ion 188.00 (187.70 to 188.70): E
1000000
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: 45.575 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

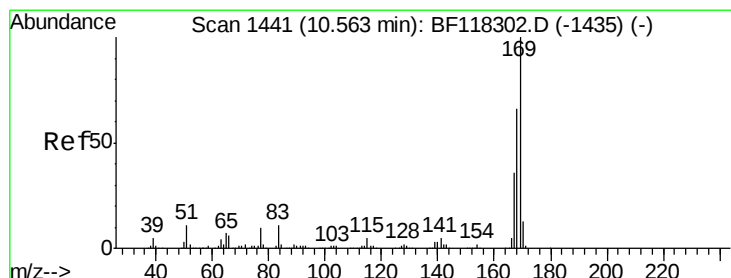
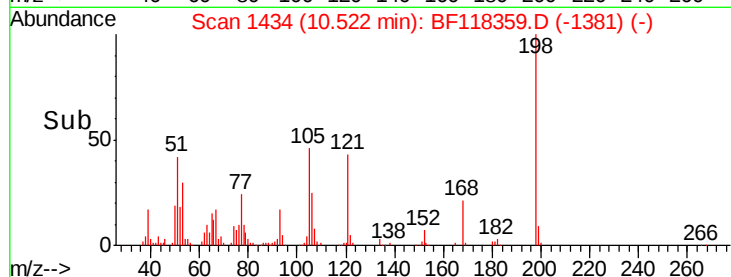
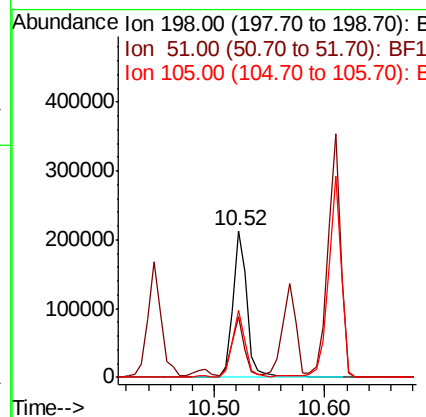
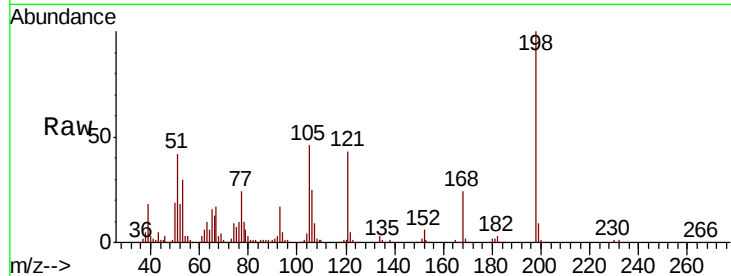
ClientSampleId :

PB125767BSD

Tot Ion:	198	Resp:	192415
Ion Ratio	Lower	Upper	
198	100		
51	41.5	12.8	52.8
105	45.8	20.3	60.3

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#66

n-Nitrosodiphenylamine

Concen: 40.286 ng

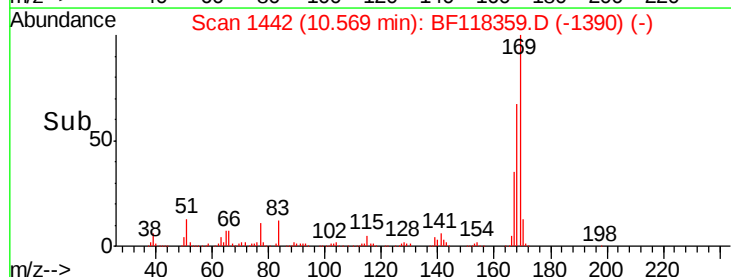
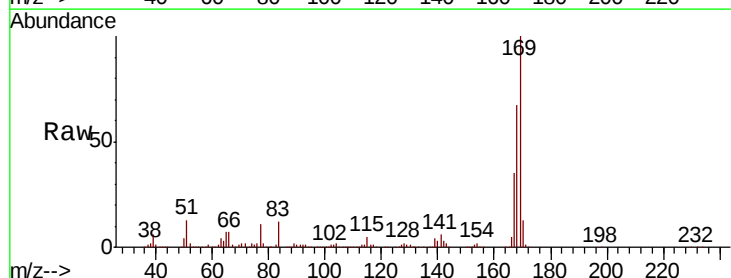
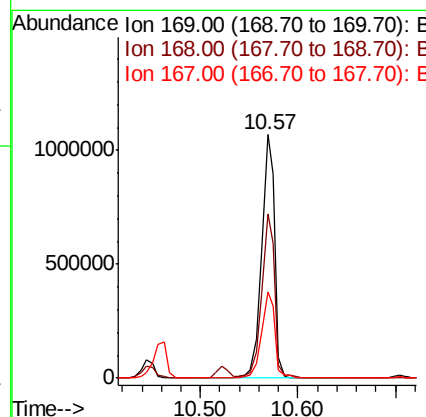
RT: 10.57 min Scan# 1442

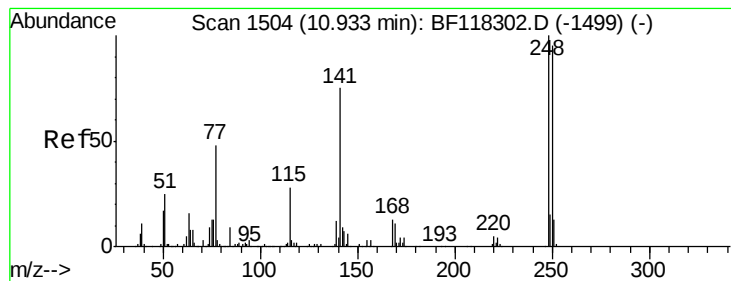
Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:	169	Resp:	1010471
Ion Ratio	Lower	Upper	
169	100		
168	67.4	52.6	79.0
167	35.5	28.4	42.6





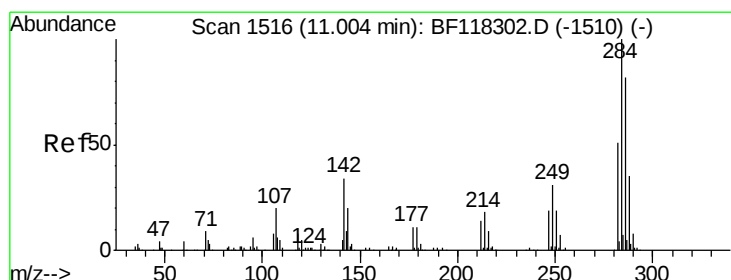
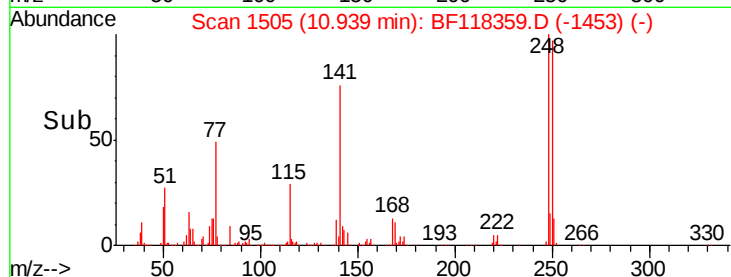
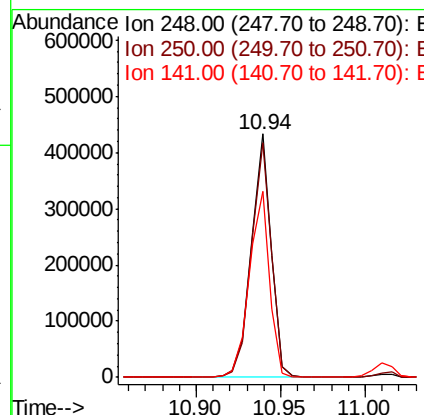
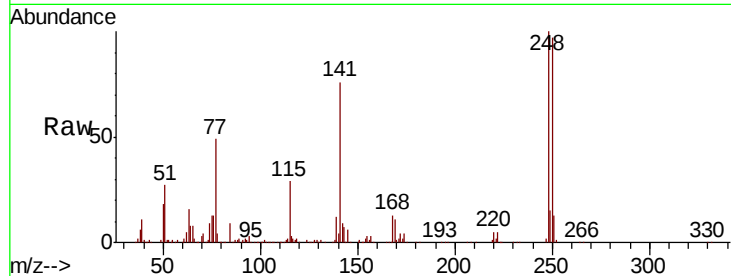
#67
4-Bromophenyl-phenylether
Concen: 39.176 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.4	114.6
141	76.2	60.2	90.2

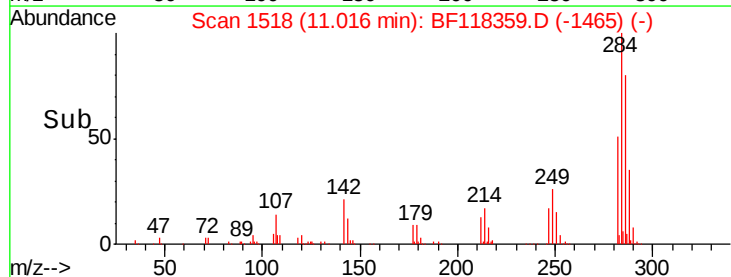
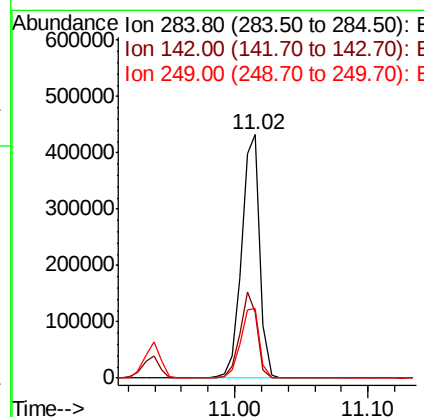
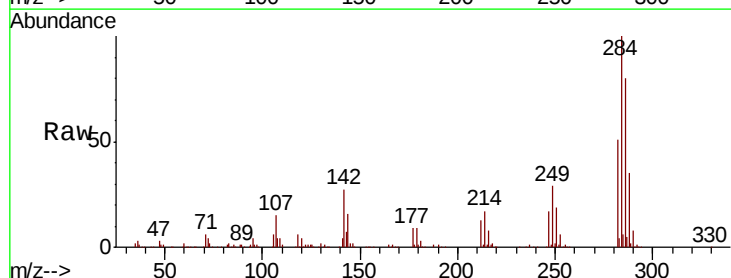
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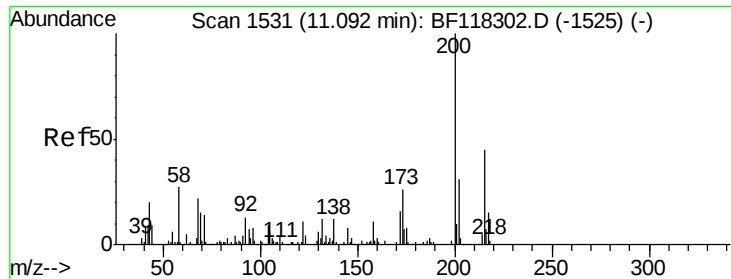
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#68
Hexachlorobenzene
Concen: 38.089 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	27.3	40.9#
249	28.5	25.0	37.6





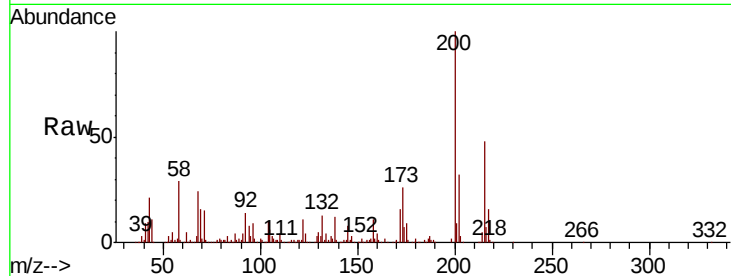
#69
Atrazine
Concen: 44.109 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	341461		
173	26.2	5.8	45.8	
215	47.5	25.1	65.1	

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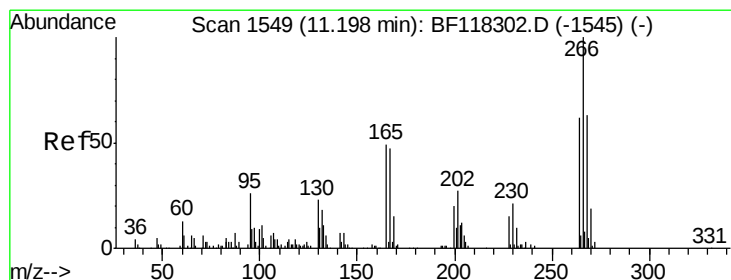
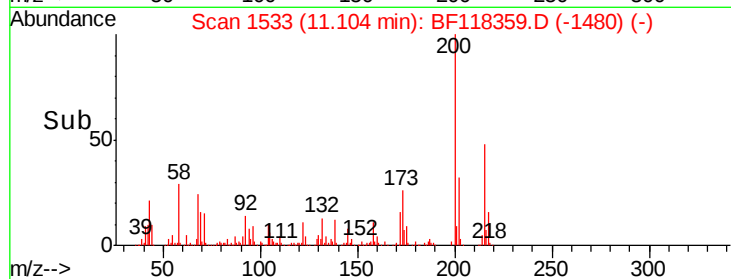
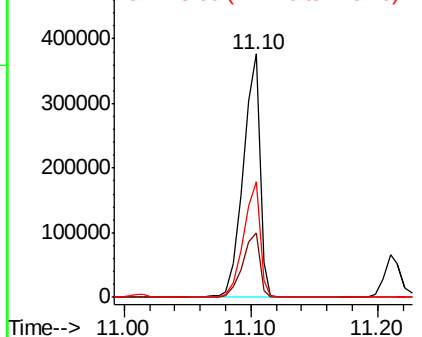


Abundance

Ion 200.00 (199.70 to 200.70): E

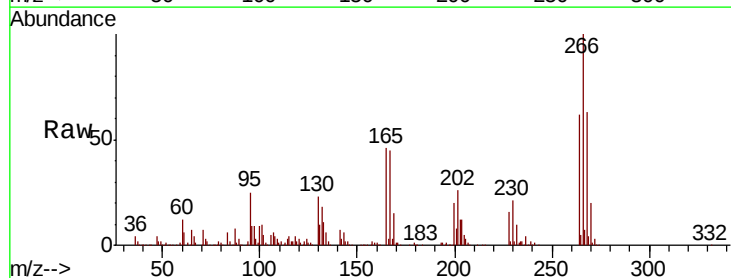
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.655 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	362569		
268	63.2	50.6	76.0	
264	61.7	49.9	74.9	

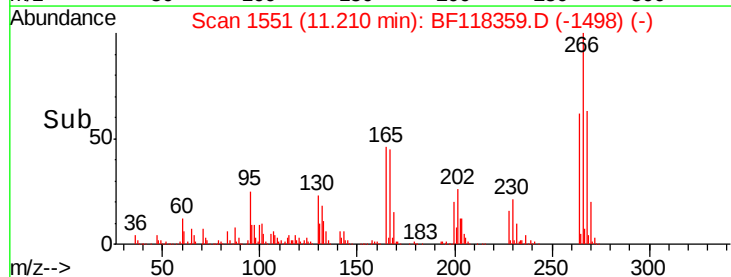
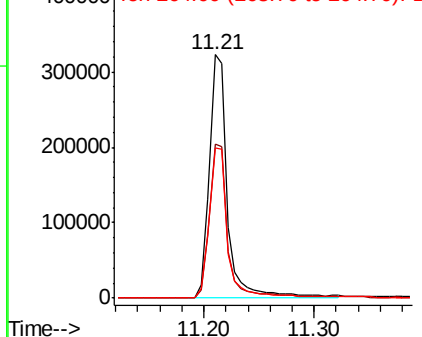


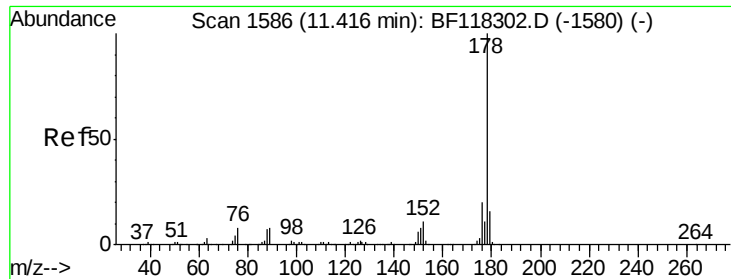
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





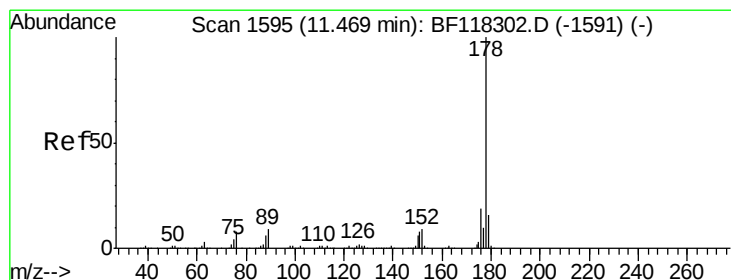
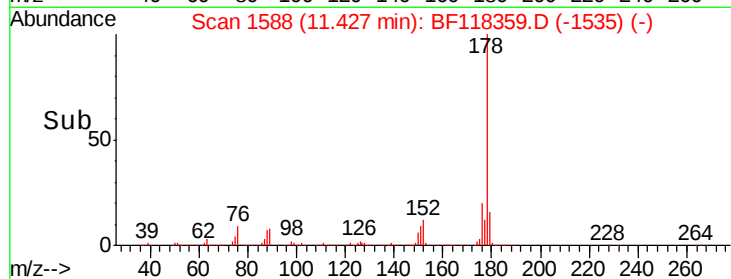
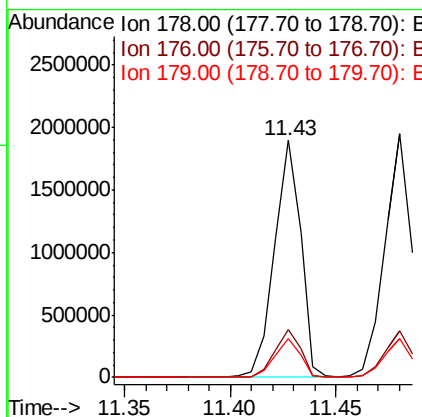
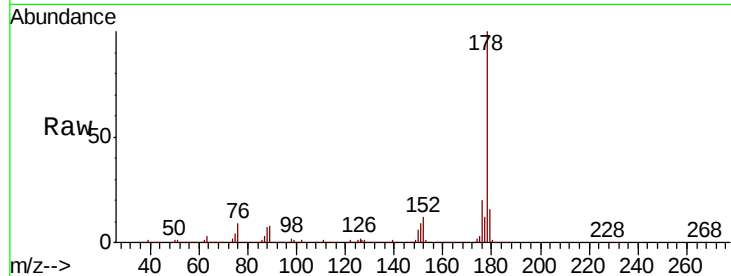
#71
Phenanthrene
Concen: 38.512 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.4	12.6	19.0

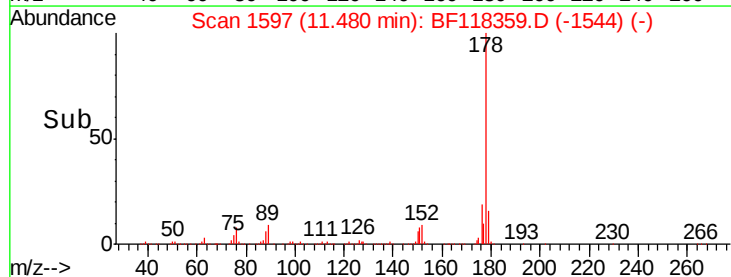
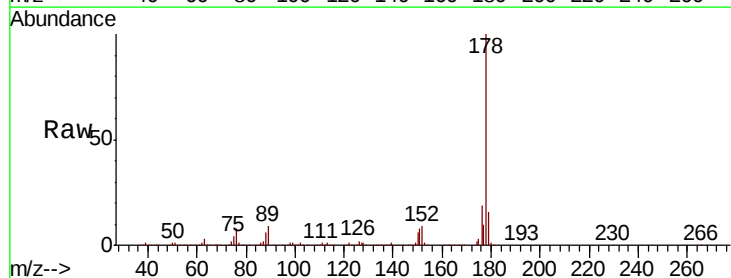
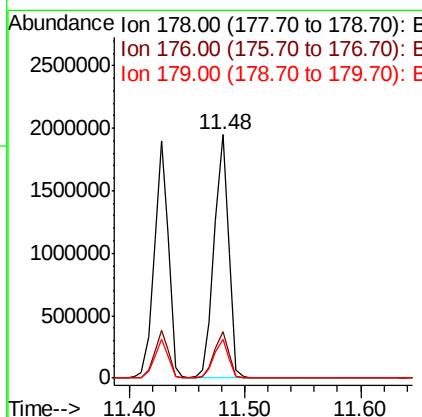
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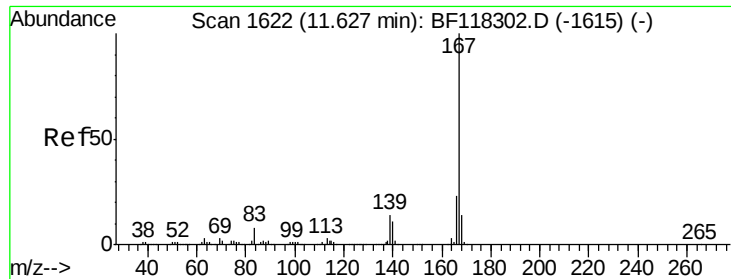
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#72
Anthracene
Concen: 40.059 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.8	12.9	19.3





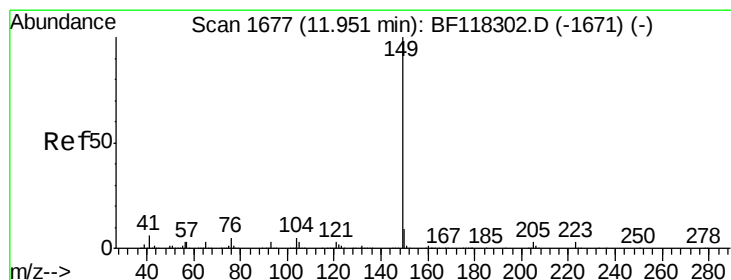
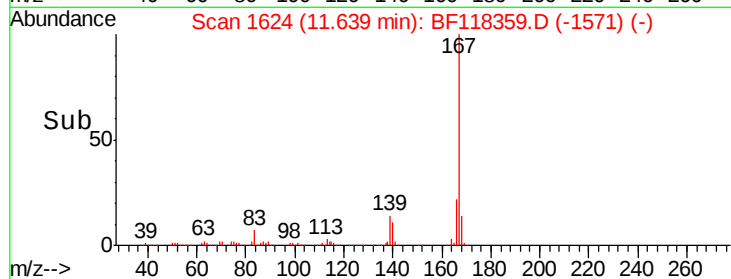
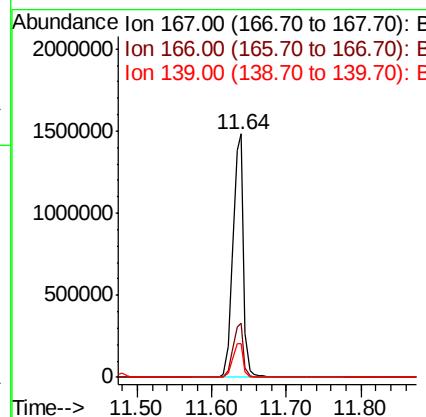
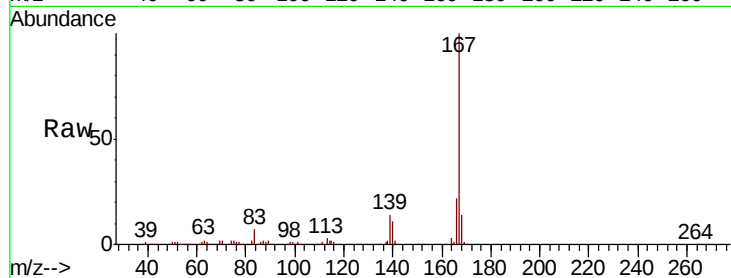
#73
 Carbazole
 Concen: 38.918 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.7	11.5	17.3

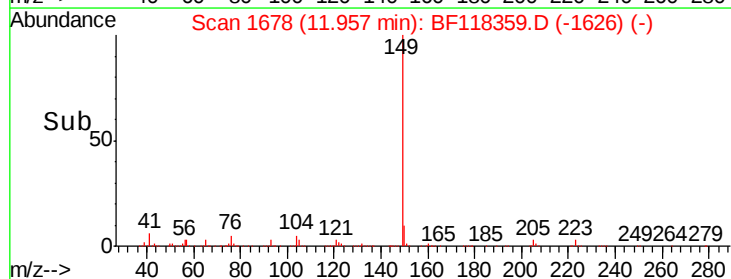
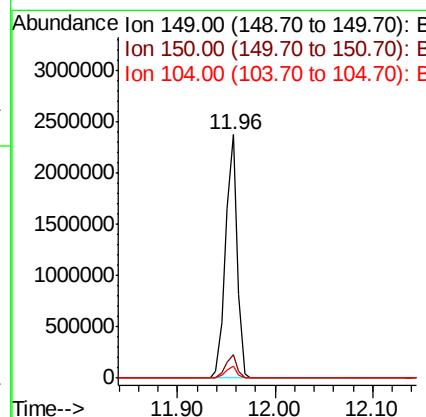
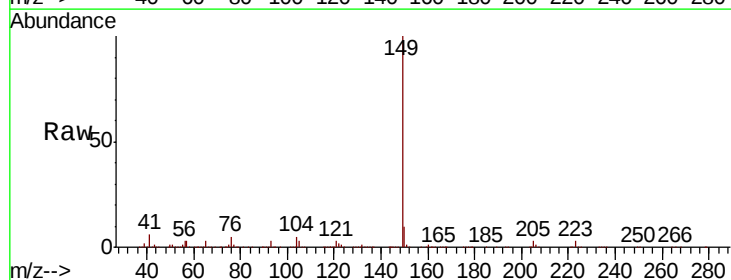
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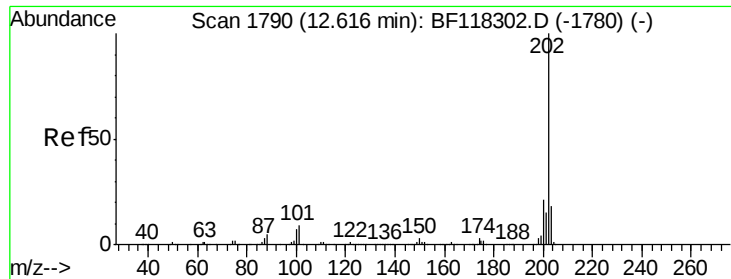
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.477 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.352 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB125767BSD

Tot Ion:202 Resp: 1694413

Ion Ratio Lower Upper

202 100

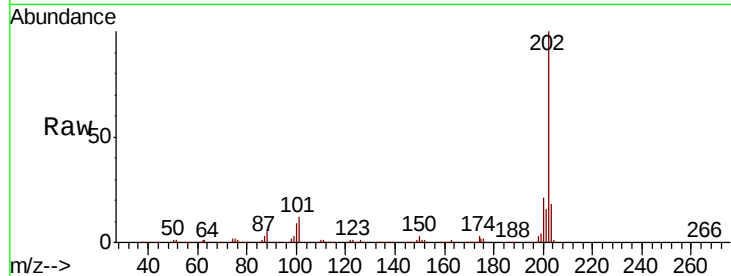
101 11.8 0.0 29.5

203 18.4 0.0 37.6

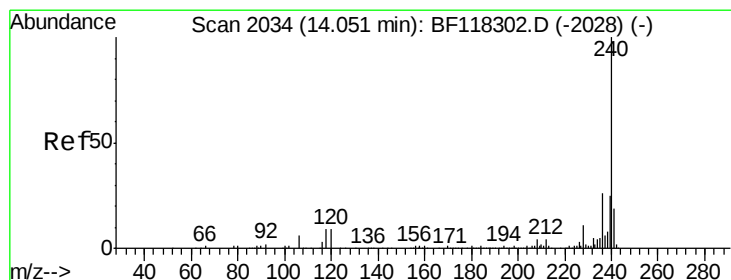
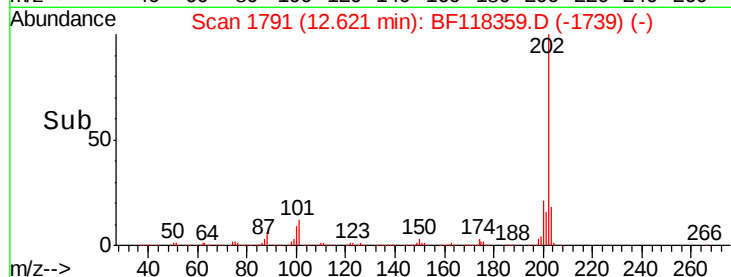
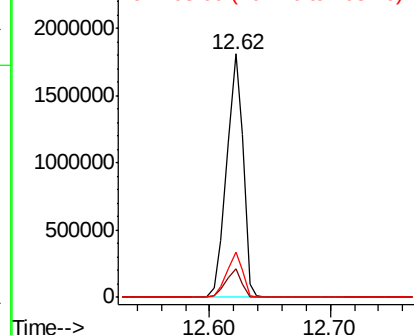
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

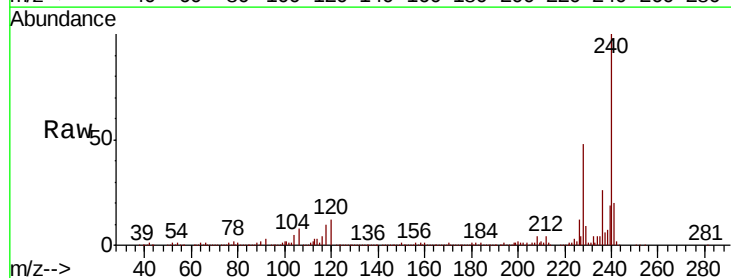
Tgt Ion:240 Resp: 509781

Ion Ratio Lower Upper

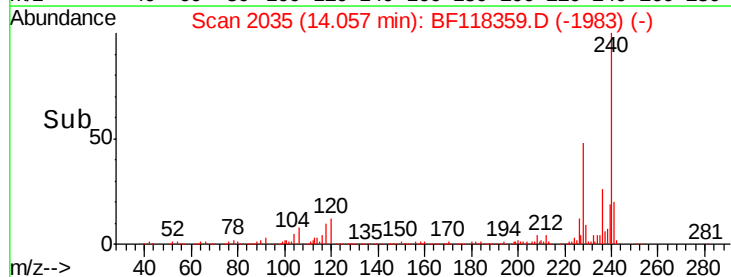
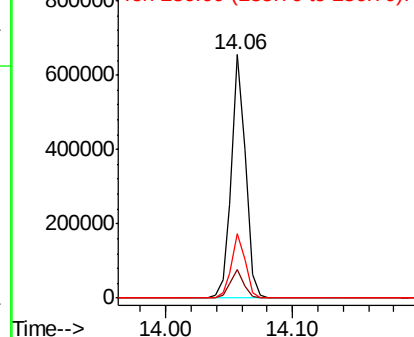
240 100

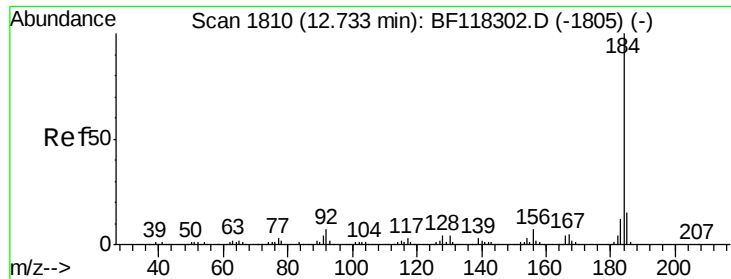
120 11.8 7.1 10.7#

236 26.2 21.0 31.6



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: 35.958 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

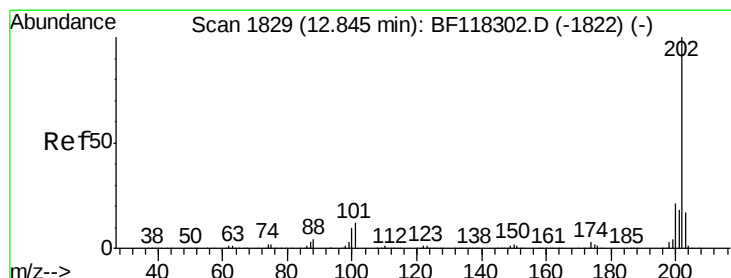
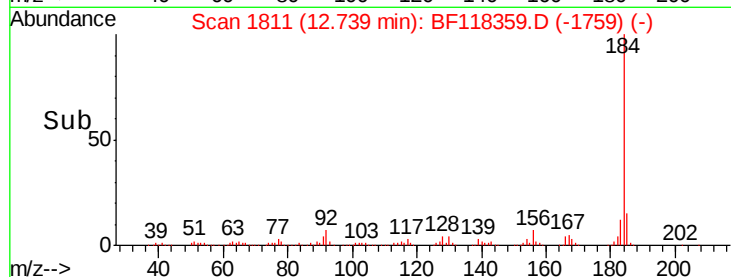
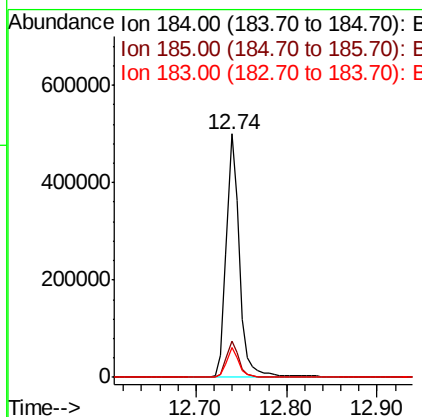
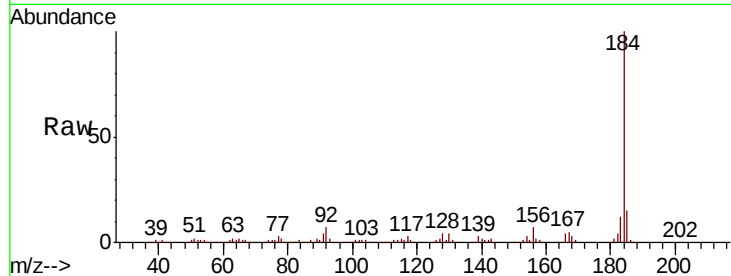
ClientSampleId :

PB125767BSD

Tot Ion:	184	Resp:	502271
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.3	18.5
183	12.1	9.4	14.2

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#78

Pyrene

Concen: 40.552 ng

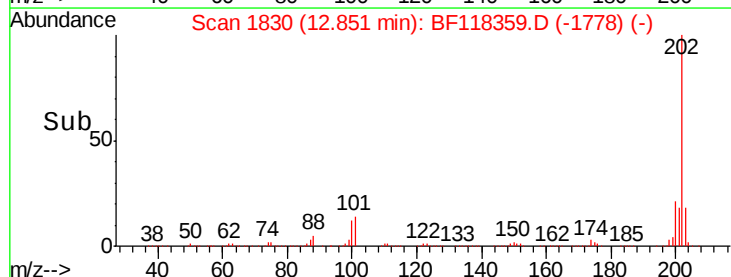
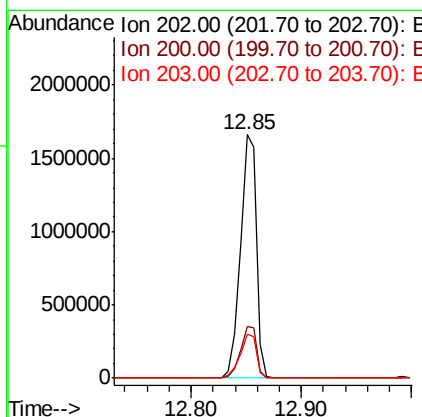
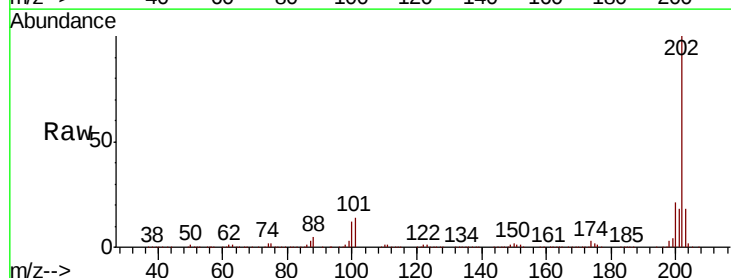
RT: 12.85 min Scan# 1830

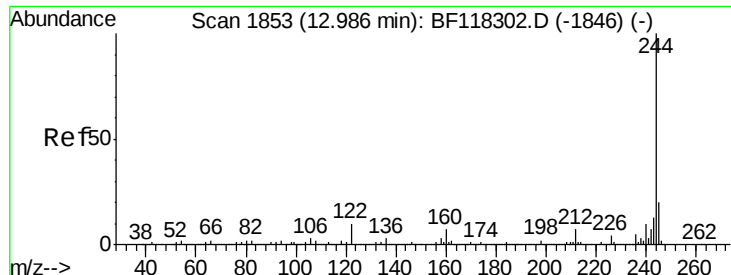
Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:	202	Resp:	1688160
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	17.9	13.9	20.9





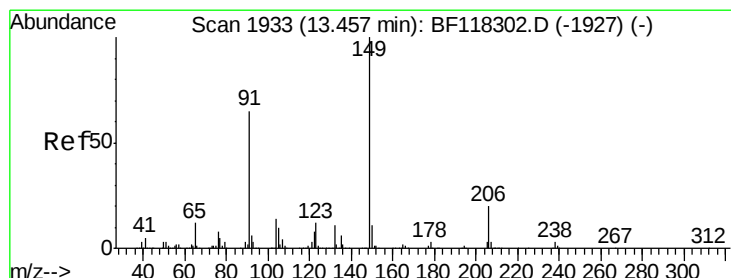
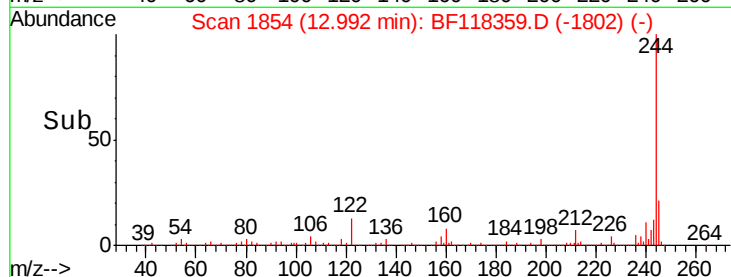
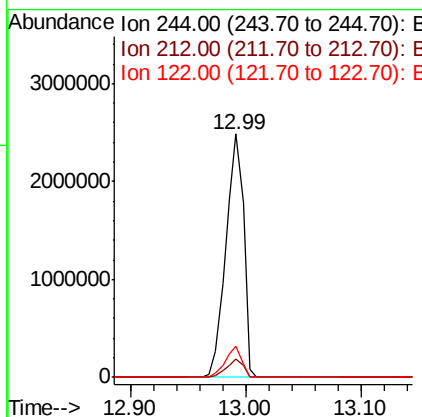
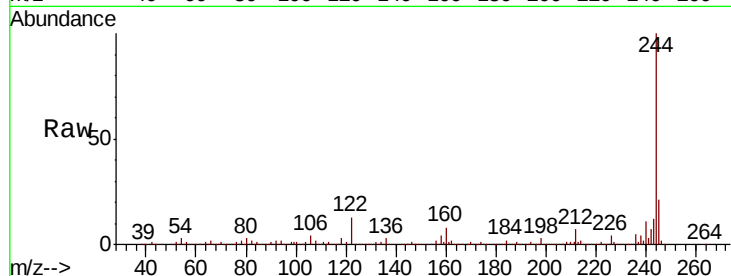
#79
 Terphenyl-d14
 Concen: 85.761 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	12.5	7.8	11.8

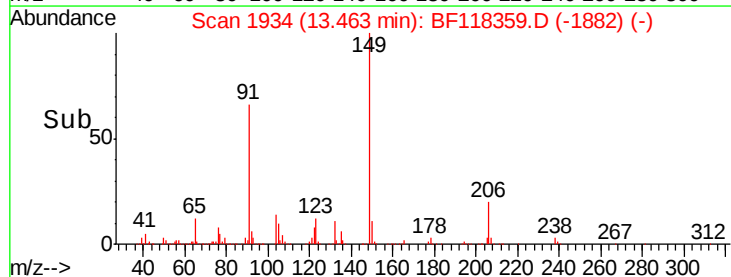
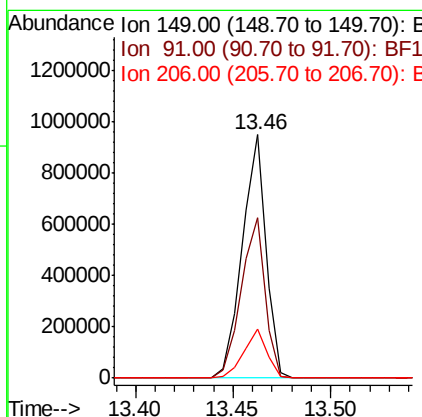
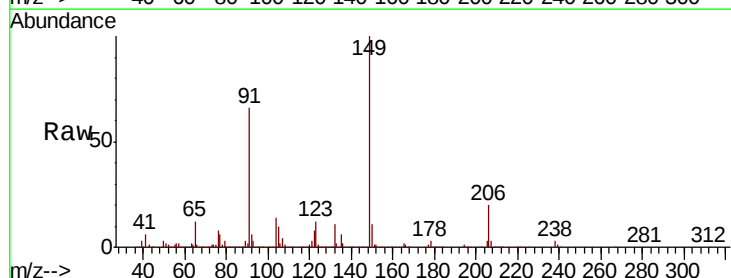
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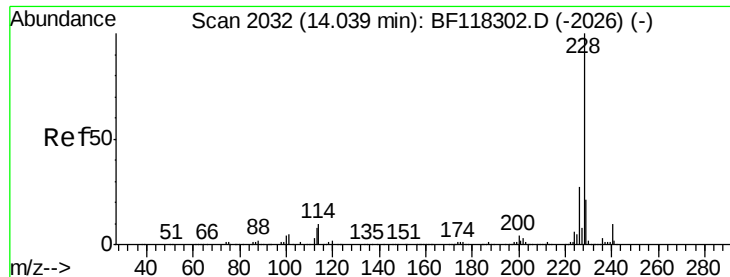
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#80
 Butylbenzylphthalate
 Concen: 42.761 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	51.8	77.6
206	20.1	15.7	23.5





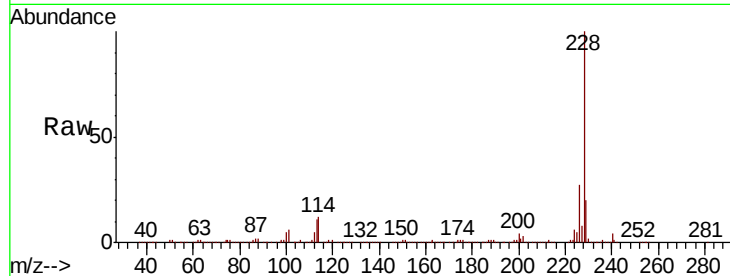
#81
Benzo(a)anthracene
Concen: 39.435 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.4	16.6	24.8

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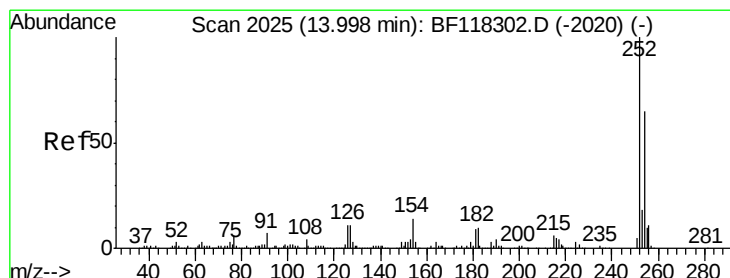
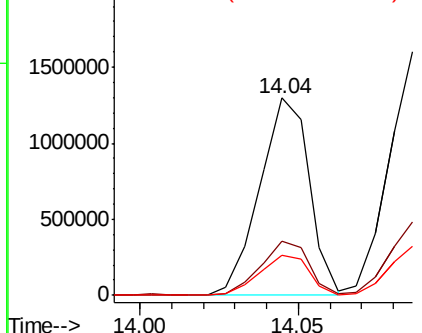
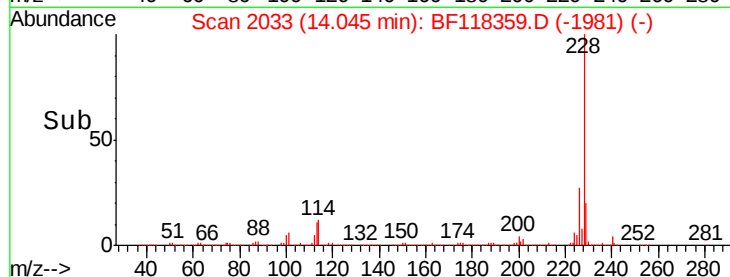


Abundance

Ion 228.00 (227.70 to 228.70): E

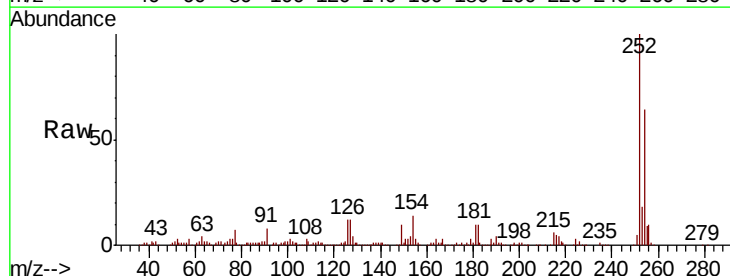
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 35.012 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.8
126	11.7	8.7	13.1

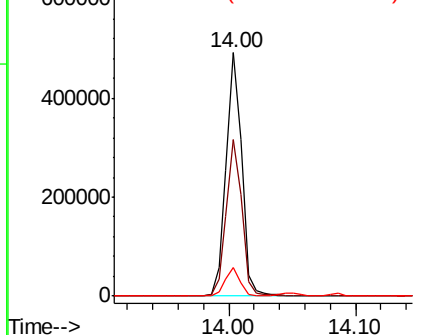
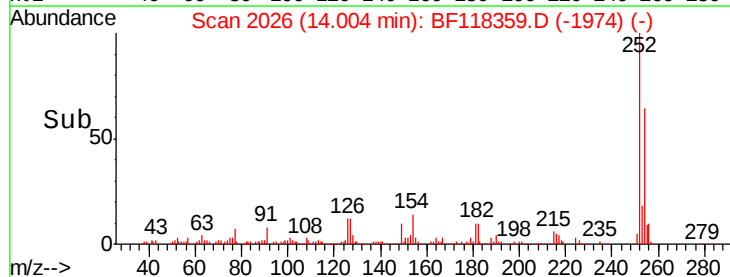


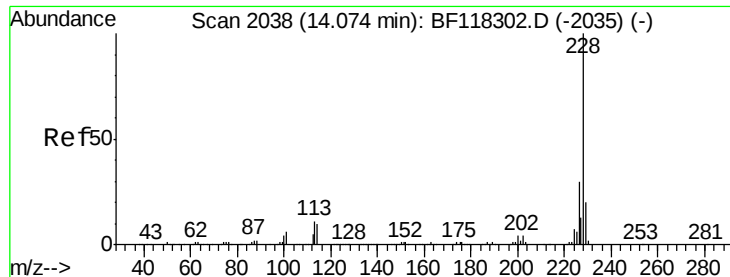
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





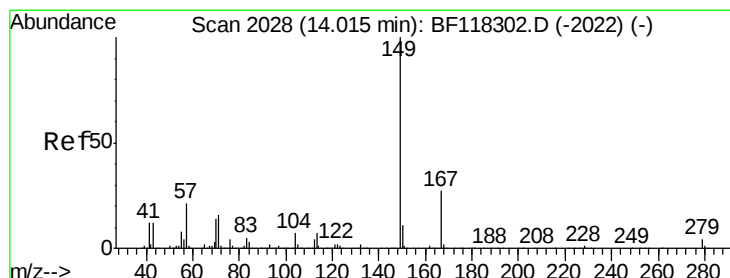
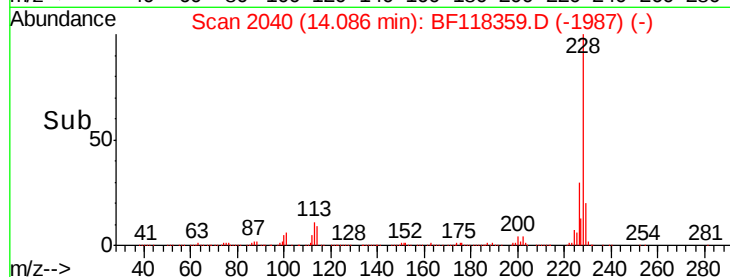
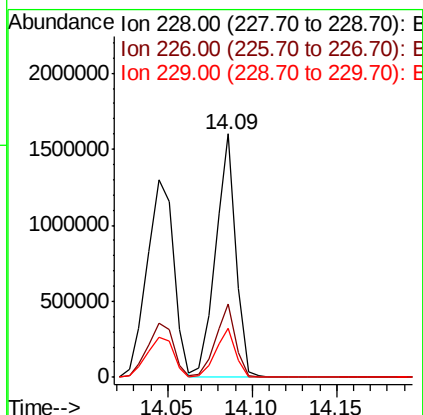
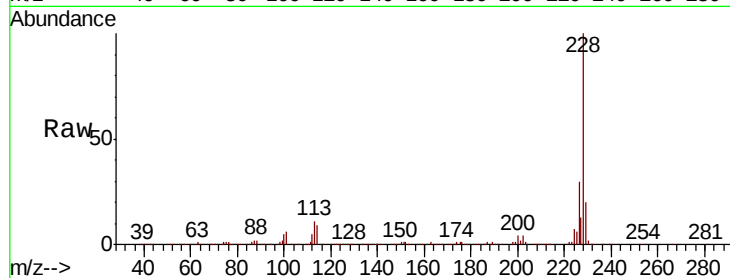
#83
Chrvsene
Concen: 38.929 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion:228 Resp: 1330106
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.2 16.1 24.1

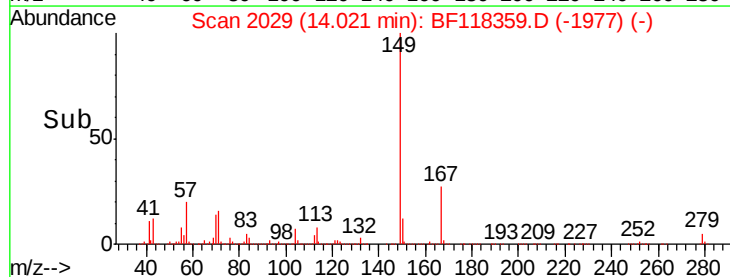
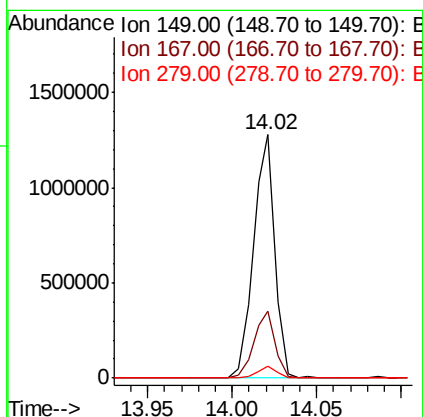
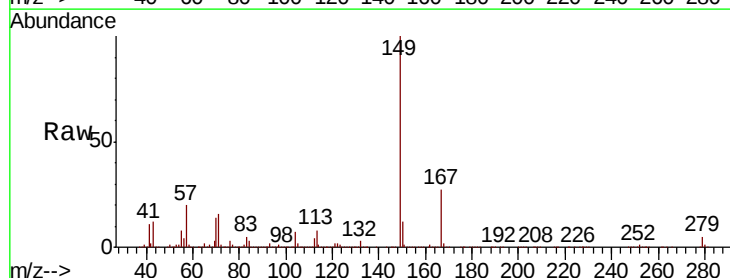
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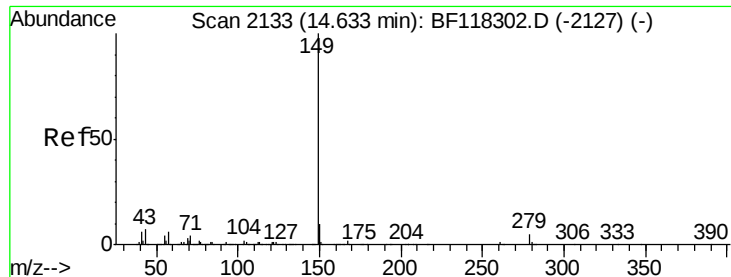
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.550 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:149 Resp: 1122660
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.952 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB125767BSD

Tot Ion:149 Resp: 1738496

Ion Ratio Lower Upper

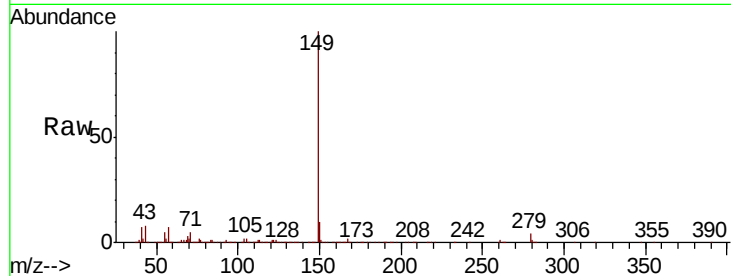
149 100

167 1.6 1.2 1.8

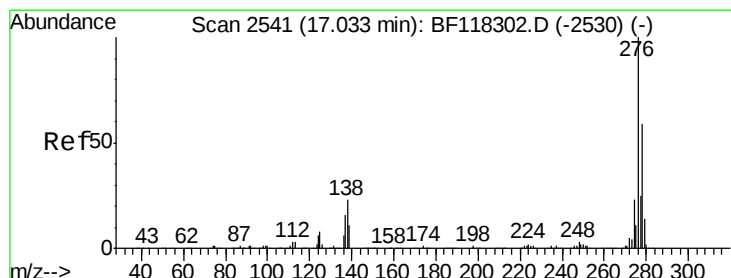
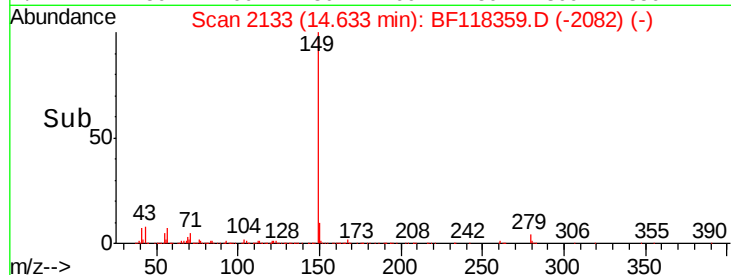
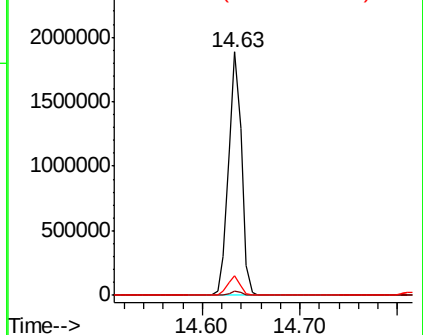
43 7.5 6.1 9.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.459 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

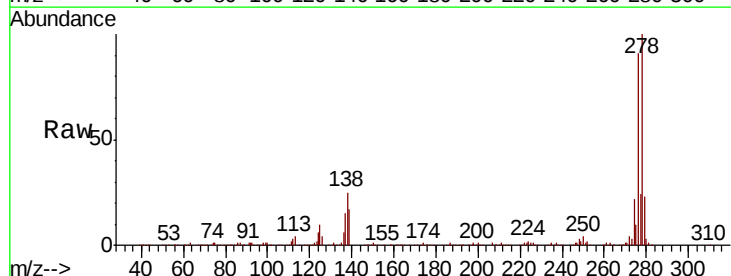
Tgt Ion:276 Resp: 1061420

Ion Ratio Lower Upper

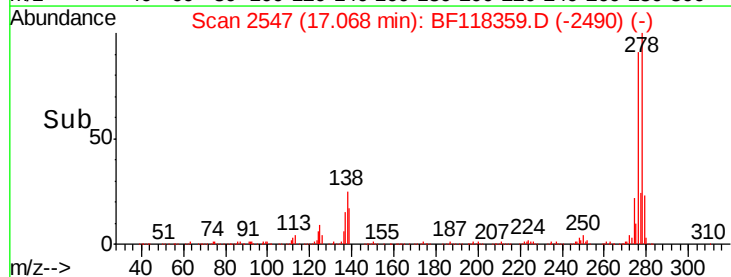
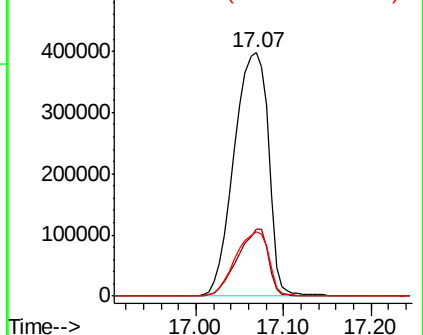
276 100

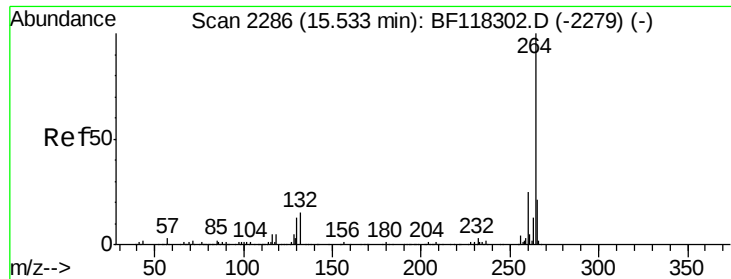
138 24.9 19.5 29.3

277 25.8 20.6 30.8



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





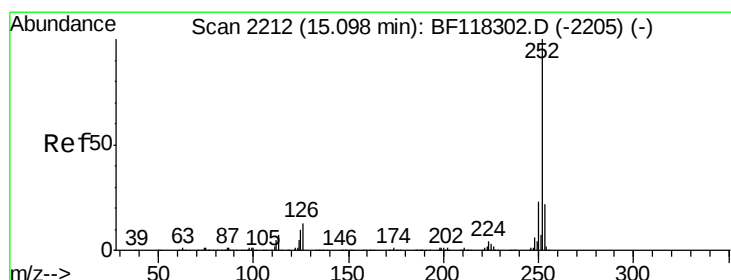
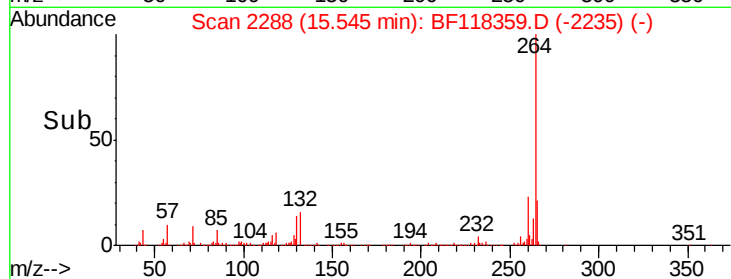
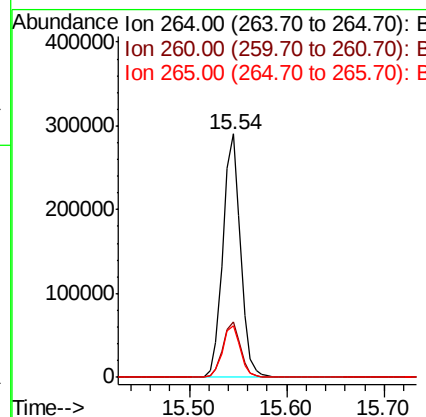
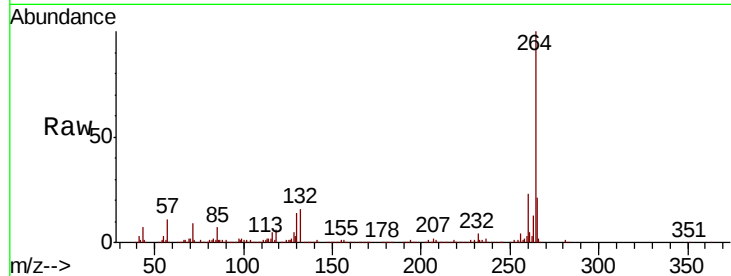
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.4	17.0	25.4

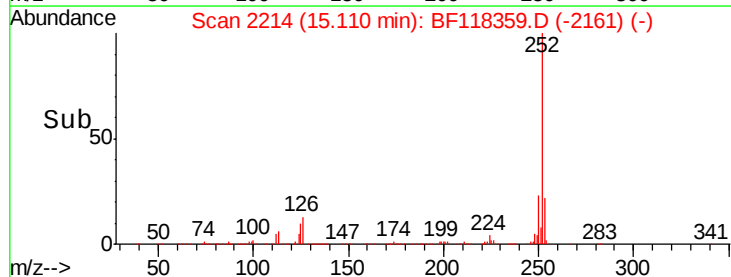
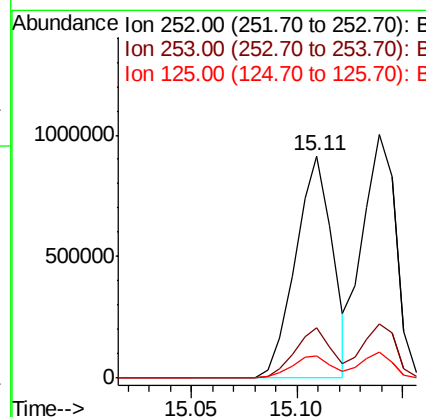
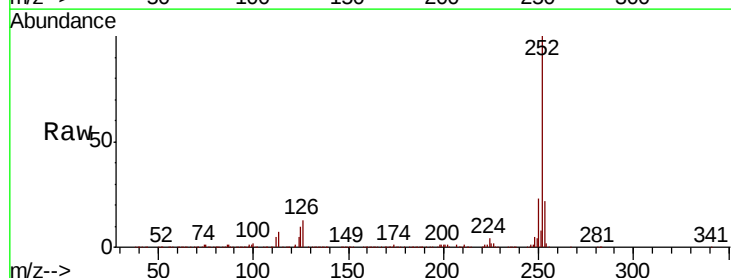
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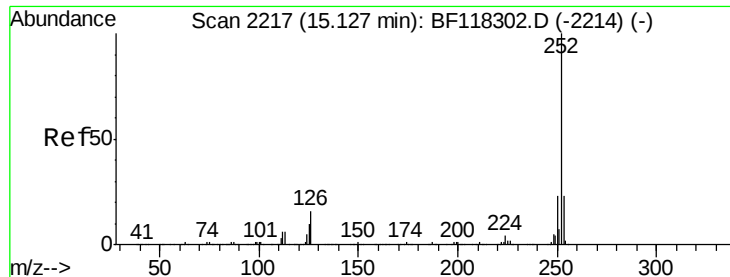
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#88
Benzo(b)fluoranthene
Concen: 46.122 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.8	7.7	11.5





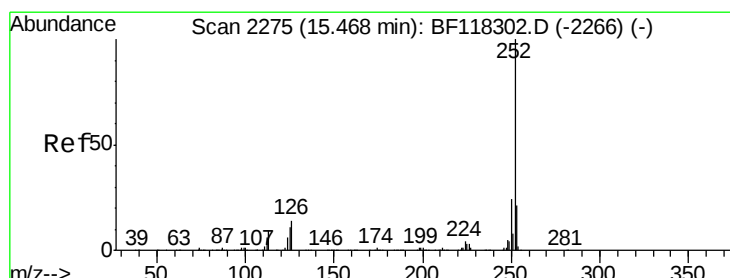
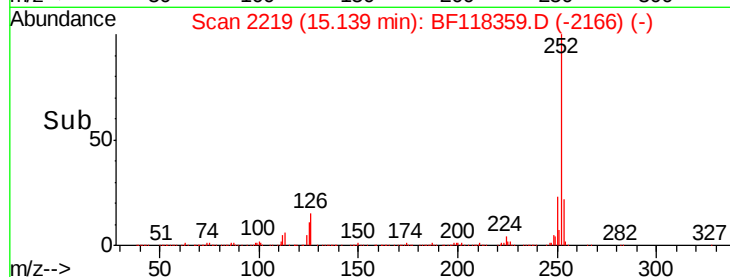
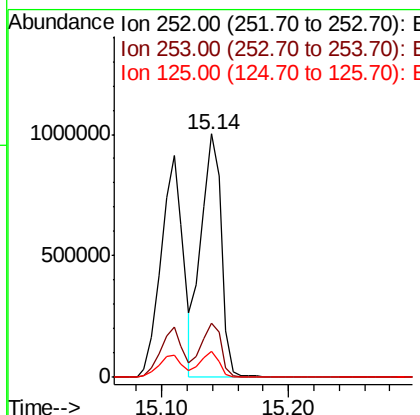
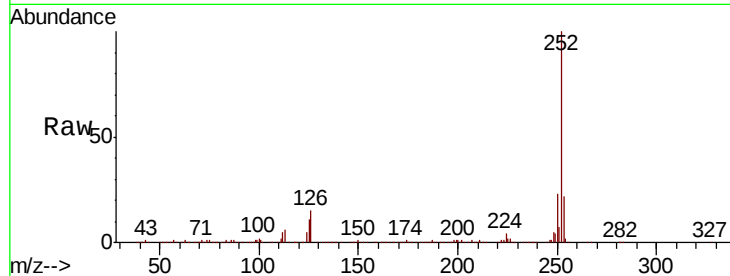
#89
Benzo(k)fluoranthene
Concen: 47.842 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.8	8.0	12.0

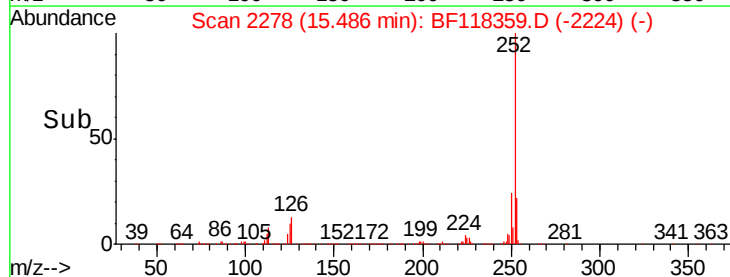
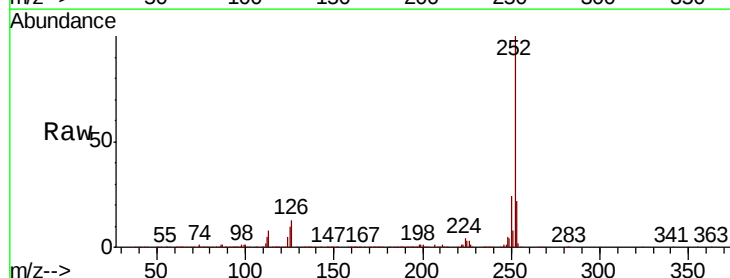
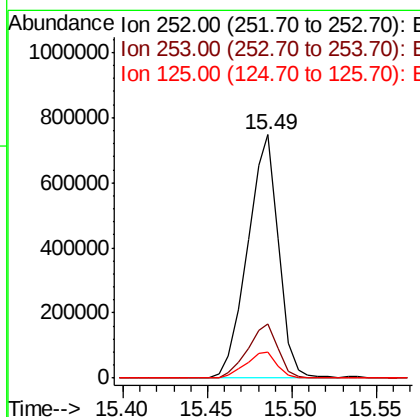
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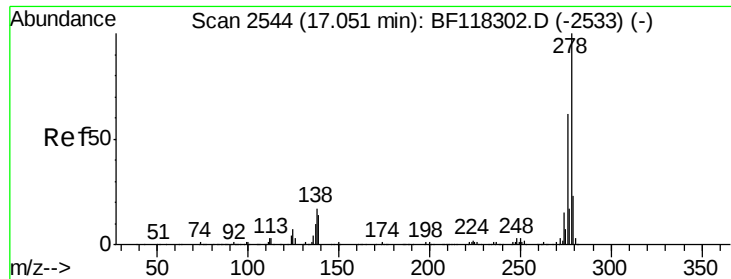
mohammad
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#90
Benzo(a)pyrene
Concen: 44.758 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.5	9.0	13.4





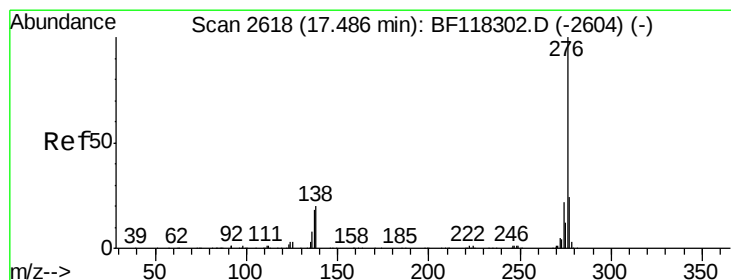
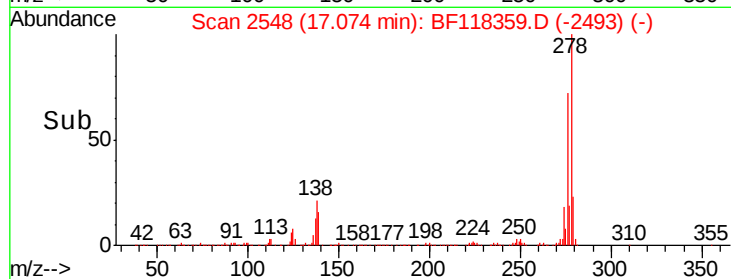
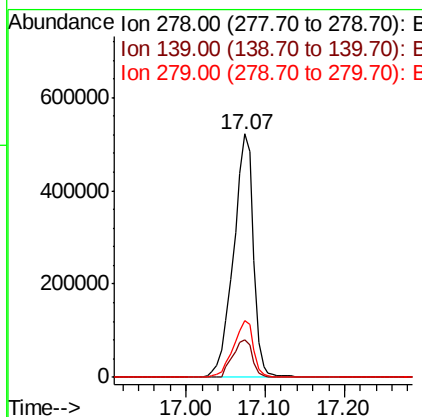
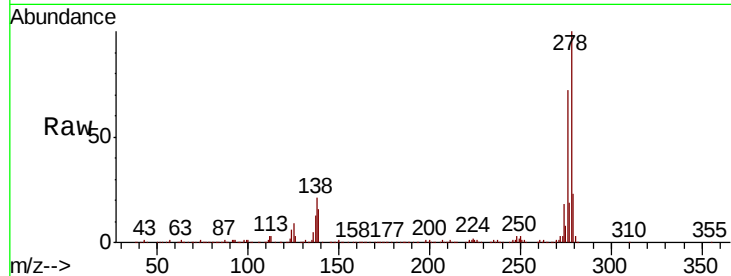
#91
Dibenzo(a,h)anthracene
Concen: 49.225 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.2	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/30/2019 2:08:32 PM



#92
Benzo(g,h,i)perylene
Concen: 49.564 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	21.8	16.1	24.1

