

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118358.D
 Acq On : 28 Dec 2019 11:50
 Operator : JU
 Sample : PB125767BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Manual Integrations
 APPROVED

mohammad
 12/30/2019 2:08:29 PM

Quant Time: Dec 29 07:19:52 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	179424	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	782608	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	431713	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	810146	20.00	ng	0.01
76) Chrysene-d12	14.06	240	543903	20.00	ng	0.00
87) Perylene-d12	15.54	264	387881	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	877607	83.49	ng	0.02
7) Phenol-d6	6.50	99	1066410	81.78	ng	0.01
23) Nitrobenzene-d5	7.43	82	1124834	82.21	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	387845	72.75	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	2327792	82.31	ng	0.00
79) Terphenyl-d14	12.99	244	2730111	83.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	154052	36.868	ng	98
3) Pyridine	3.46	79	332826	29.896	ng	98
4) n-Nitrosodimethylamine	3.42	42	187095	40.648	ng	95
6) Aniline	6.52	93	545874	32.968	ng	# 57
8) 2-Chlorophenol	6.65	128	574580	48.265	ng	98
9) Benzaldehyde	6.40	77	248447	32.499	ng	96
10) Phenol	6.51	94	661098	45.109	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	484710	46.245	ng	99
12) 1,3-Dichlorobenzene	6.80	146	557597	40.670	ng	97
13) 1,4-Dichlorobenzene	6.87	146	577761	41.488	ng	99
14) 1,2-Dichlorobenzene	7.03	146	546659	41.578	ng	98
15) Benzyl Alcohol	7.00	79	469968	47.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	494202	44.187	ng	74
17) 2-Methylphenol	7.12	107	454721	47.624	ng	96
18) Hexachloroethane	7.36	117	211219	41.326	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	366017	45.566	ng	98
20) 3+4-Methylphenols	7.27	107	578559	47.344	ng	# 84
22) Acetophenone	7.27	105	751716	39.191	ng	# 94
24) Nitrobenzene	7.45	77	548210	39.995	ng	99
25) Isophorone	7.69	82	1015685	42.592	ng	100
26) 2-Nitrophenol	7.76	139	324093	44.640	ng	97
27) 2,4-Dimethylphenol	7.80	122	501310	50.609	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	635854	40.771	ng	99
29) 2,4-Dichlorophenol	8.00	162	482895	42.354	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	522645	39.352	ng	98
31) Naphthalene	8.16	128	1643657	41.322	ng	99
32) Benzoic acid	7.96	122	327133	40.160	ng	96
33) 4-Chloroaniline	8.22	127	424588	24.899	ng	98
34) Hexachlorobutadiene	8.28	225	298106	37.707	ng	99
35) Caprolactam	8.61	113	152449m	42.829	ng	
36) 4-Chloro-3-methylphenol	8.71	107	520322	42.507	ng	98
37) 2-Methylnaphthalene	8.86	142	1156253	42.456	ng	99
38) 1-Methylnaphthalene	8.96	142	1078111	42.018	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	503038	38.781	ng	99

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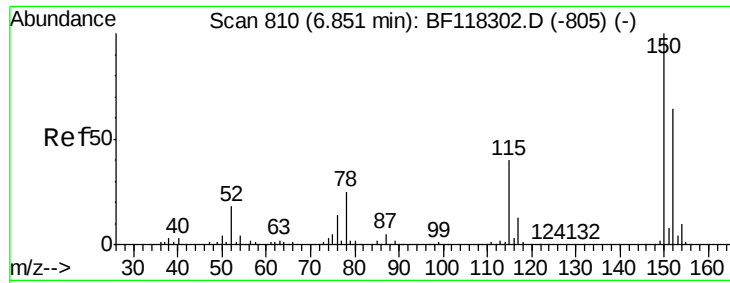
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	358523	67.260	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	350690	40.469	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	362329	40.646	nq	98
46) 1,1'-Biphenyl	9.33	154	1356956	39.740	nq	100
47) 2-Chloronaphthalene	9.35	162	1063082	38.683	nq	99
48) 2-Nitroaniline	9.45	65	297483	38.323	nq	98
49) Acenaphthylene	9.77	152	1643451	40.322	nq	99
50) Dimethylphthalate	9.63	163	1291157	39.843	nq	99
51) 2,6-Dinitrotoluene	9.70	165	283530	40.583	nq	95
52) Acenaphthene	9.95	154	982825	39.588	nq	99
53) 3-Nitroaniline	9.87	138	212527	25.918	nq	90
54) 2,4-Dinitrophenol	9.99	184	273978	77.921	nq	99
55) Dibenzofuran	10.12	168	1456698	39.710	nq	97
56) 4-Nitrophenol	10.05	139	408123	80.621	nq	93
57) 2,4-Dinitrotoluene	10.11	165	375875	40.263	nq	# 87
58) Fluorene	10.46	166	1171034	39.545	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	315051	41.595	nq	98
60) Diethylphthalate	10.33	149	1283633	40.039	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	592243	40.063	nq	93
62) 4-Nitroaniline	10.49	138	294652	34.589	nq	98
63) Azobenzene	10.61	77	1104698	40.229	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	202329	46.295	nq	85
66) n-Nitrosodiphenylamine	10.57	169	1057345	40.722	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	373533	39.398	nq	98
68) Hexachlorobenzene	11.02	284	426587	38.225	nq	91
69) Atrazine	11.10	200	356404	44.475	nq	96
70) Pentachlorophenol	11.22	266	395092	81.745	nq	99
71) Phenanthrene	11.43	178	1730732	39.188	nq	100
72) Anthracene	11.48	178	1765599	39.940	nq	100
73) Carbazole	11.64	167	1535368	39.142	nq	99
74) Di-n-butylphthalate	11.96	149	2024456	40.703	nq	99
75) Fluoranthene	12.62	202	1757951	39.441	nq	96
77) Benzidine	12.74	184	528463	35.459	nq	99
78) Pyrene	12.85	202	1757914	39.579	nq	98
80) Butylbenzylphthalate	13.46	149	836532	41.830	nq	99
81) Benzo(a)anthracene	14.04	228	1482766	38.947	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	443668	34.371	nq	98
83) Chrysene	14.09	228	1385920	38.018	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1208412	45.953	nq	99
85) Di-n-octyl phthalate	14.63	149	1834538	47.427	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1123155	36.159	nq	99
88) Benzo(b)fluoranthene	15.11	252	1295151	50.302	nq	99
89) Benzo(k)fluoranthene	15.14	252	1081365	43.741	nq	99
90) Benzo(a)pyrene	15.49	252	1018661	44.912	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	959523	48.750	nq	98
92) Benzo(g,h,i)perylene	17.53	276	927932	48.804	nq	99

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



#1

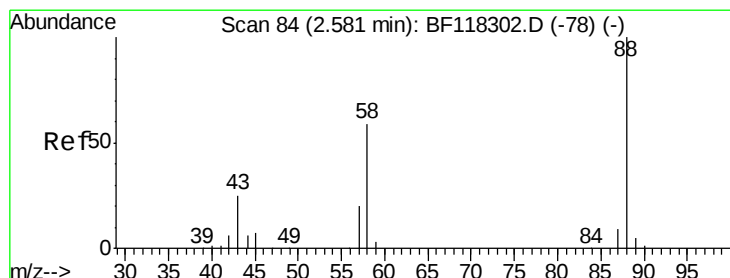
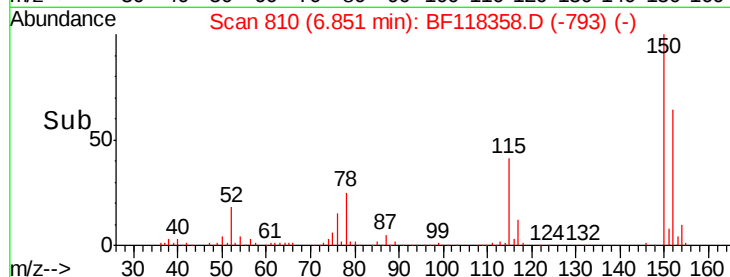
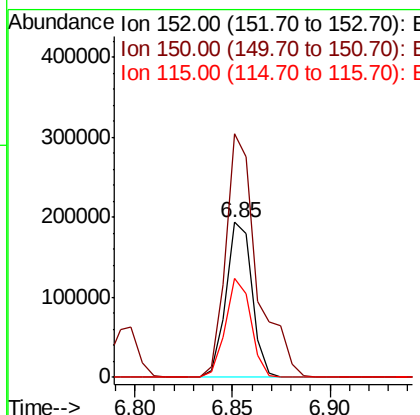
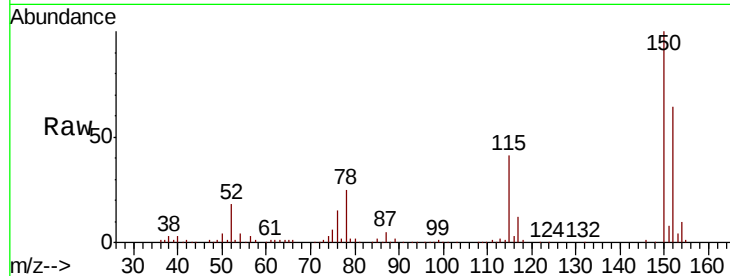
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.4	188.2
115	64.2	50.2	75.4

Manual Integrations
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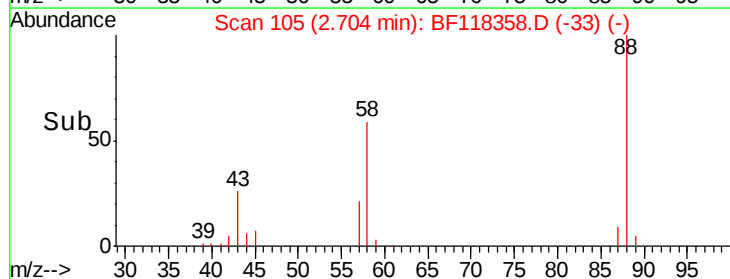
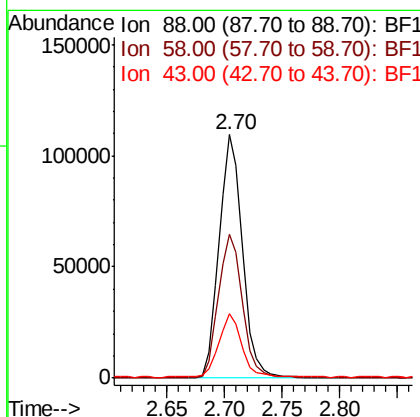
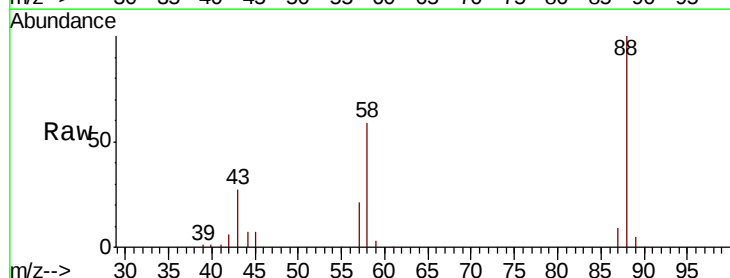
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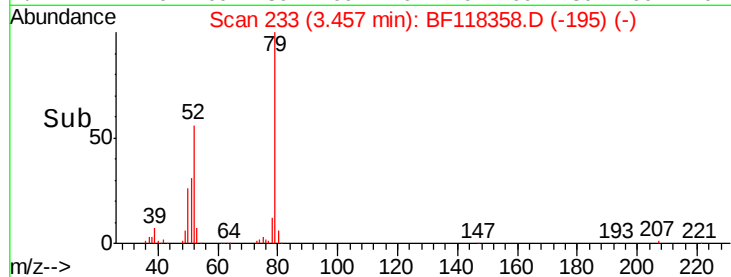
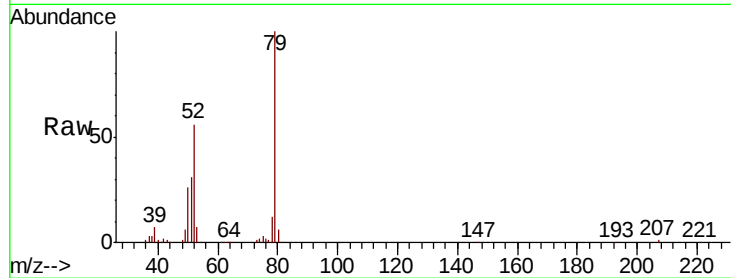
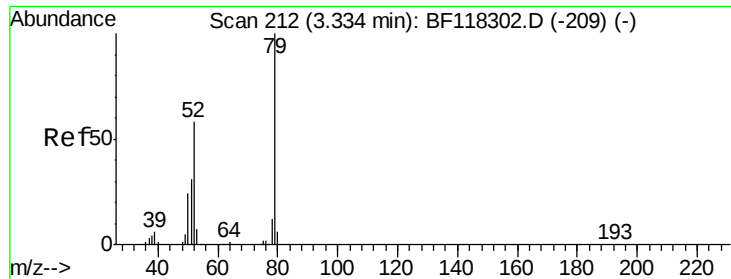


#2

1,4-Dioxane
Concen: 36.868 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.6	71.4
43	25.1	20.6	30.8





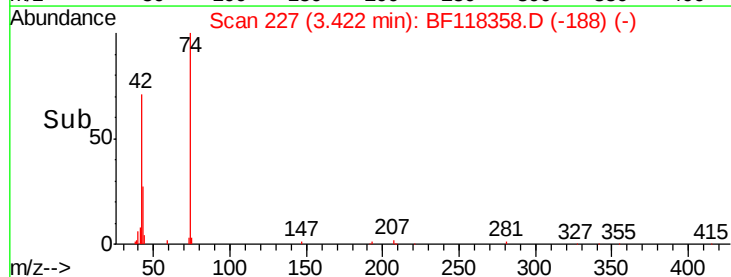
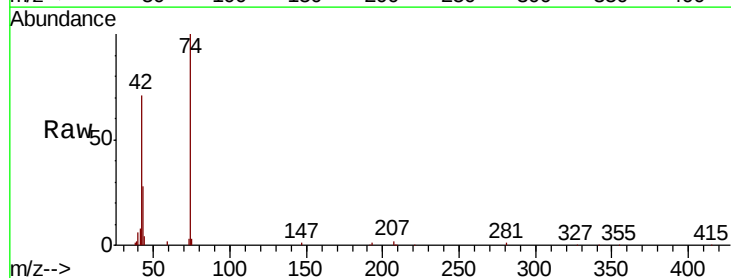
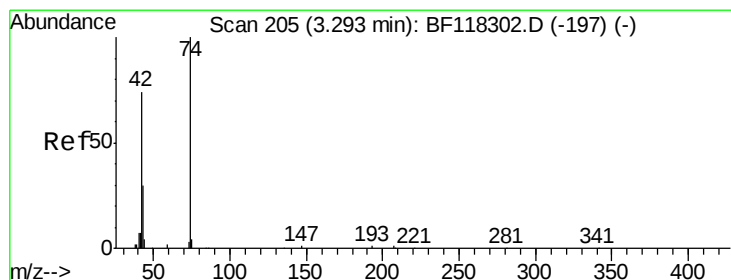
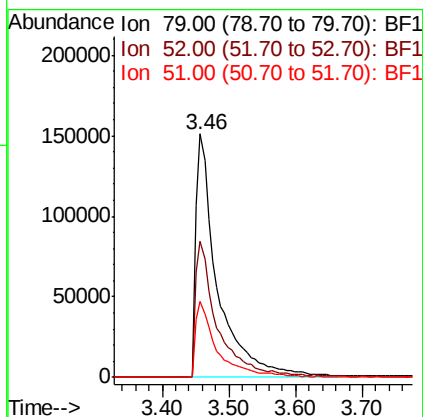
#3
 Pvridine
 Concen: 29.896 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.12 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100	332826		
52	55.7		46.4	69.6
51	31.0		24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

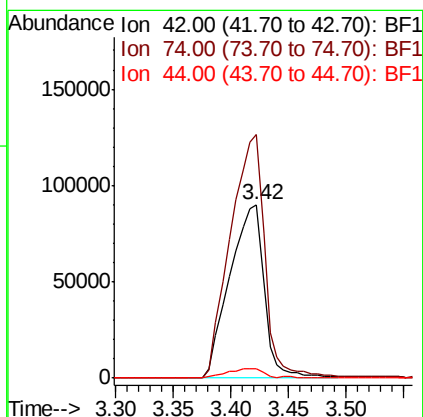
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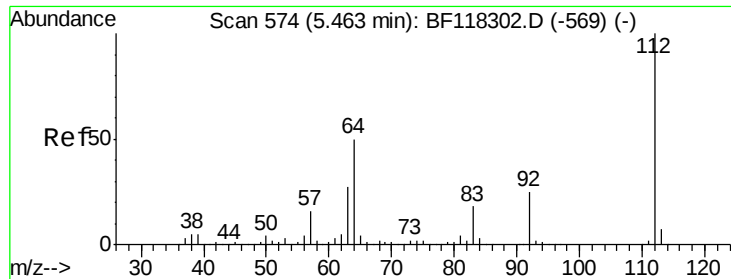
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#4
 n-Nitrosodimethylamine
 Concen: 40.648 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.13 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	187095		
74	140.3		107.7	161.5
44	5.7		4.8	7.2





#5

2-Fluorophenol

Concen: 83.493 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

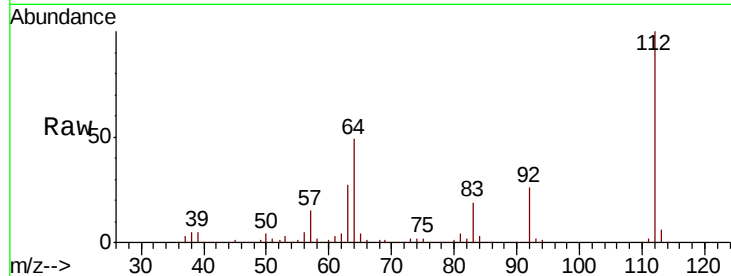
ClientSampleId :

PB125767BS

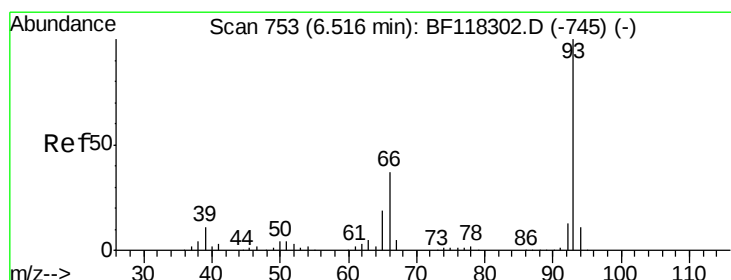
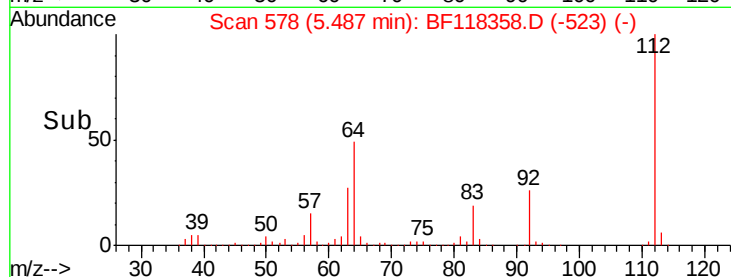
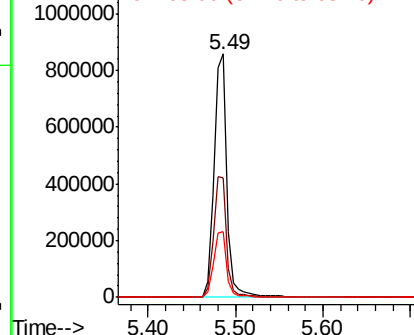
Tot Ion:	112	Resp:	877607
Ion Ratio	Lower	Upper	
112	100		
64	49.2	39.7	59.5
63	26.8	21.7	32.5

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



#6

Aniline

Concen: 32.968 ng

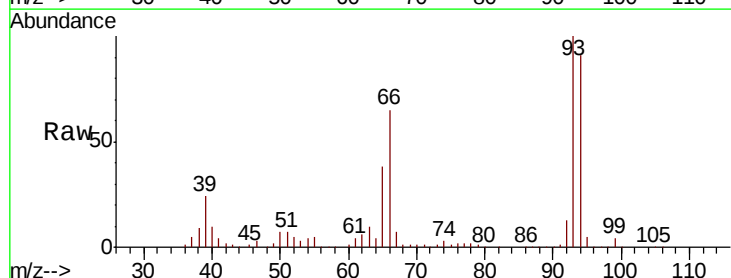
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

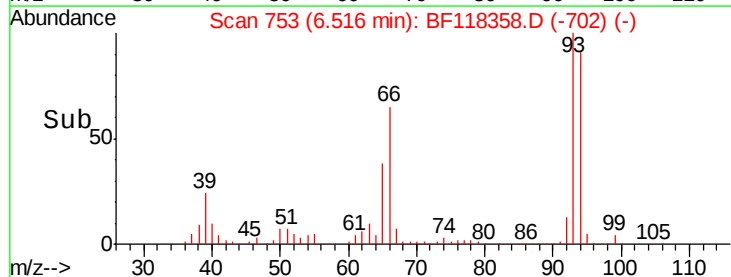
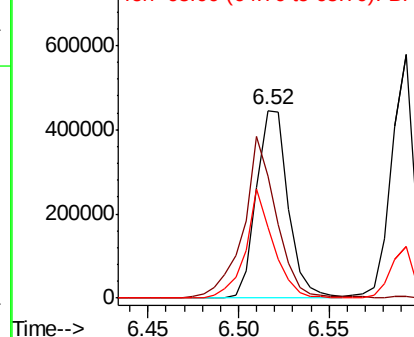
Lab File: BF118358.D

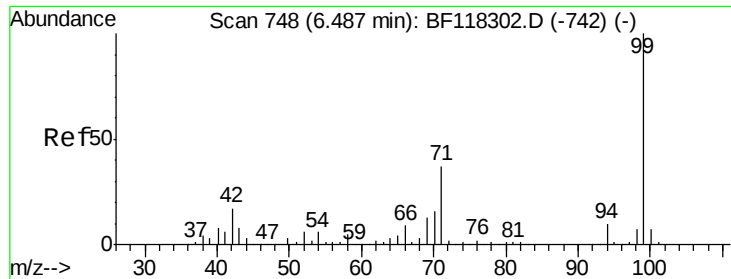
Acq: 28 Dec 2019 11:50

Tgt Ion:	93	Resp:	545874
Ion Ratio	Lower	Upper	
93	100		
66	65.0	30.2	45.4#
65	37.5	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: 81.784 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB125767BS

Tot Ion: 99 Resp: 1066410

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

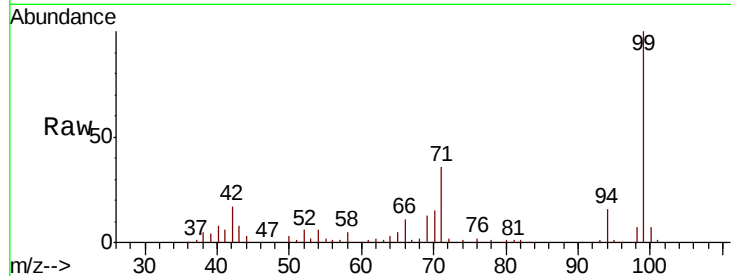
71 36.4 29.4 44.2

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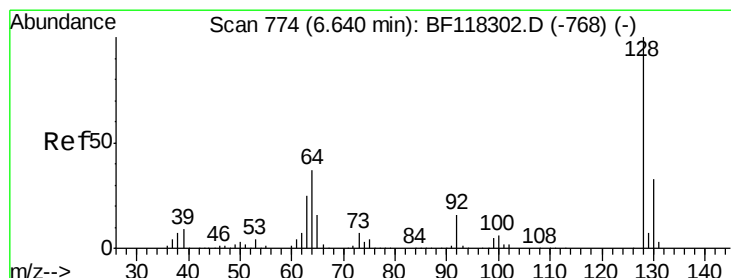
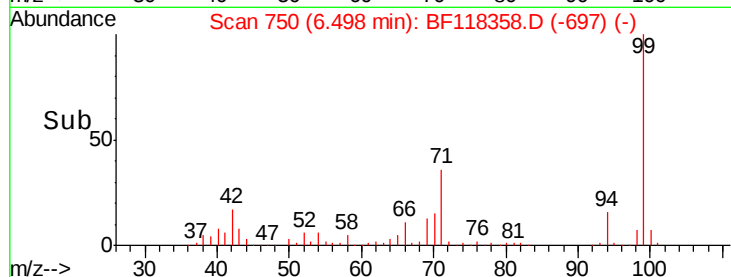
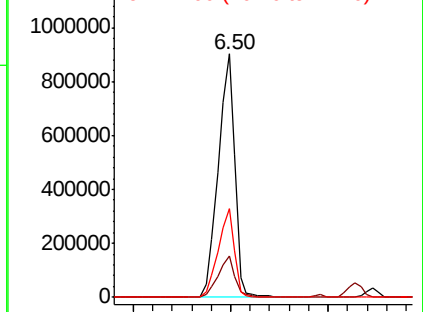
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.265 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

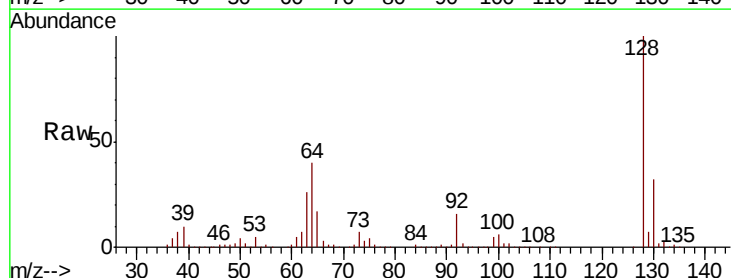
Tgt Ion: 128 Resp: 574580

Ion Ratio Lower Upper

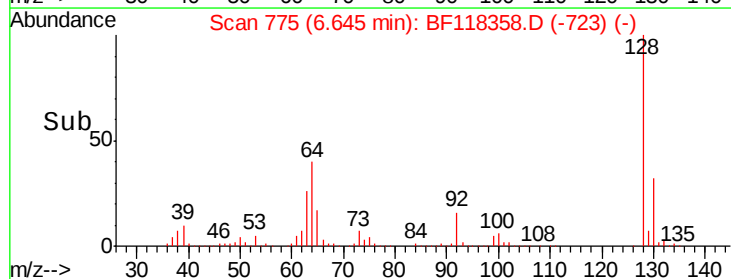
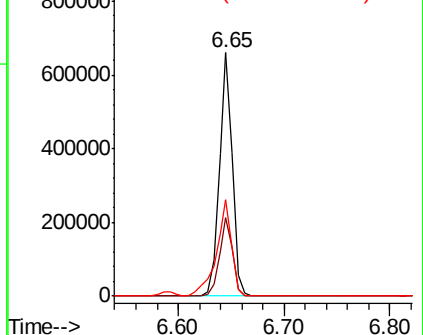
128 100

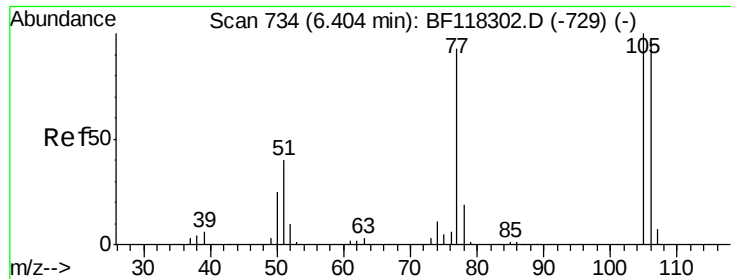
130 32.4 13.2 53.2

64 39.7 17.7 57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.499 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

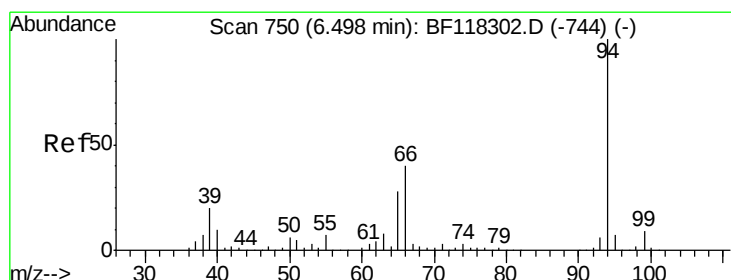
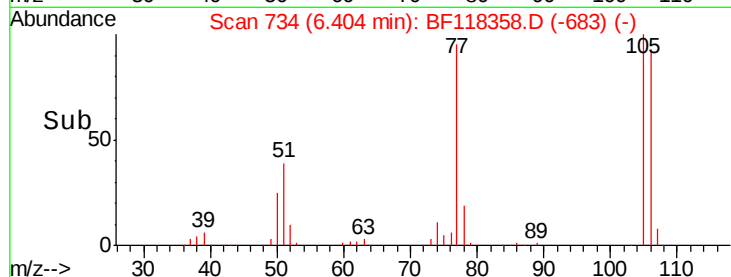
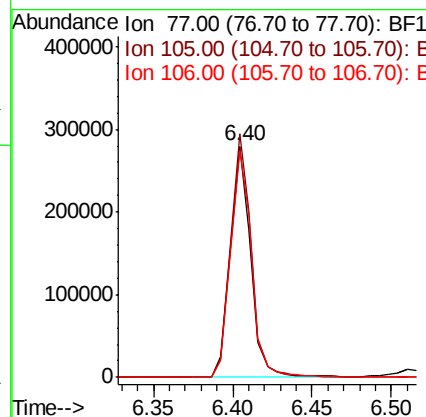
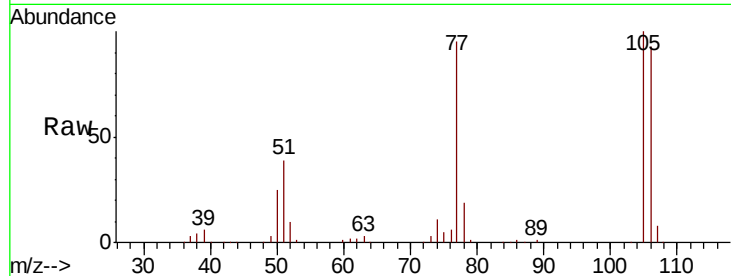
ClientSampleId :

PB125767BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	87.5	127.5
106	98.4	83.6	123.6

Manual Integrations
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#10

Phenol

Concen: 45.109 ng

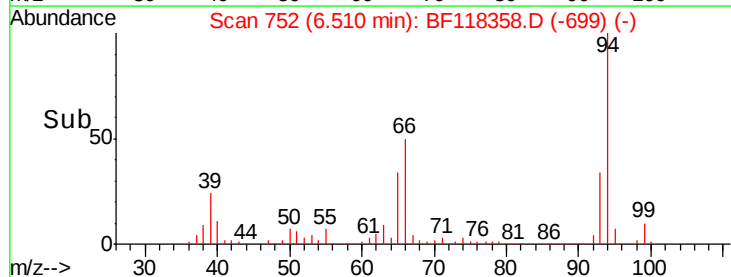
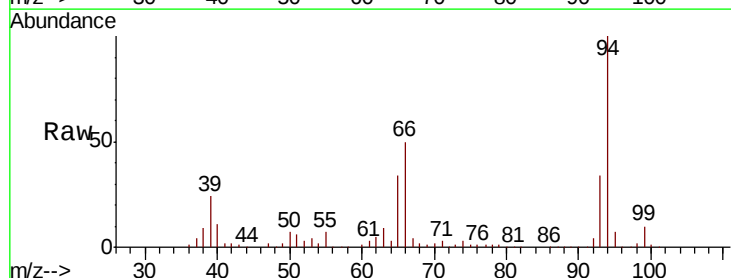
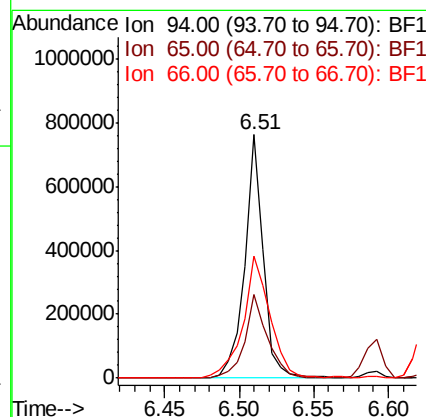
RT: 6.51 min Scan# 752

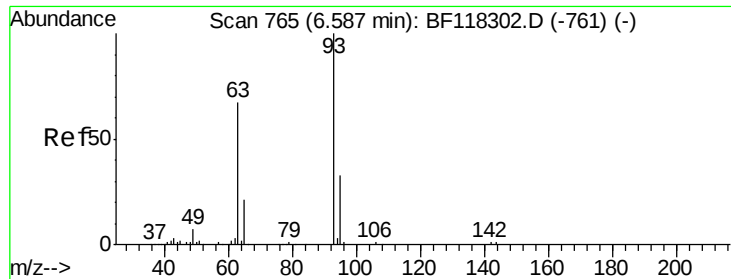
Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	7.8	47.8
66	50.2	20.4	60.4





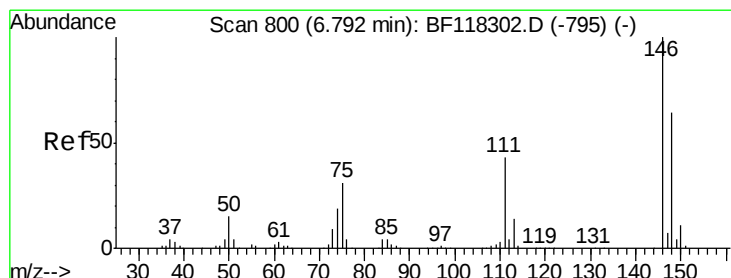
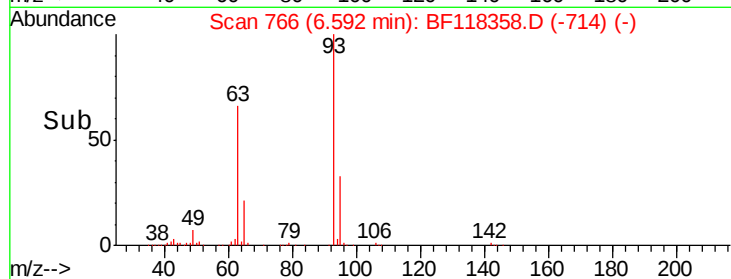
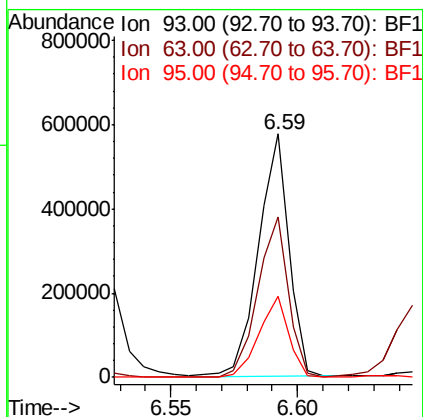
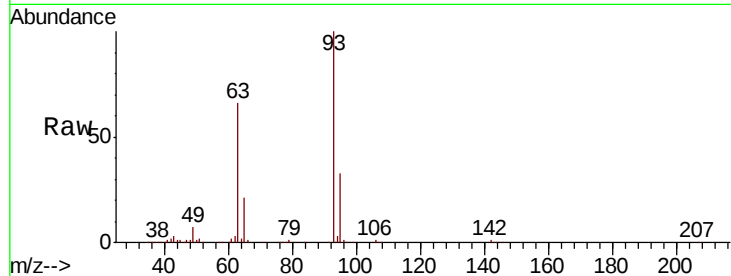
#11
bis(2-Chloroethyl)ether
Concen: 46.245 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	484710		
63	65.8		47.0	87.0
95	33.1		12.8	52.8

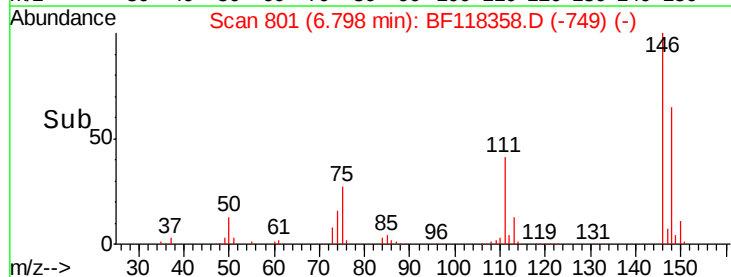
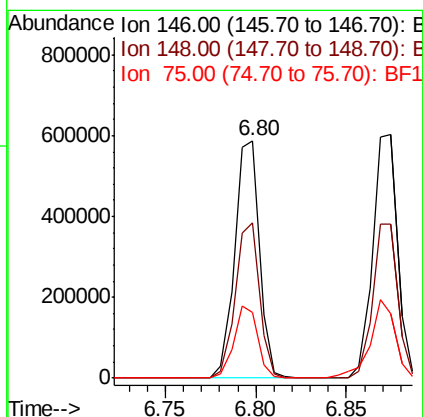
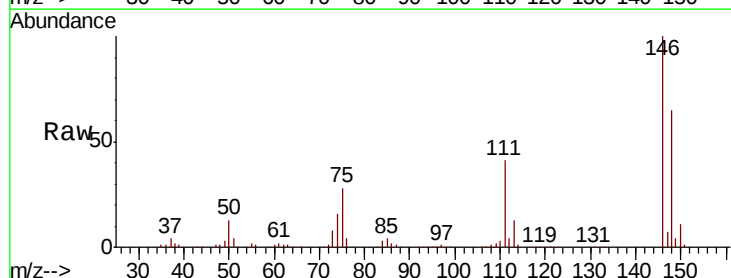
Manual Integrations
APPROVED

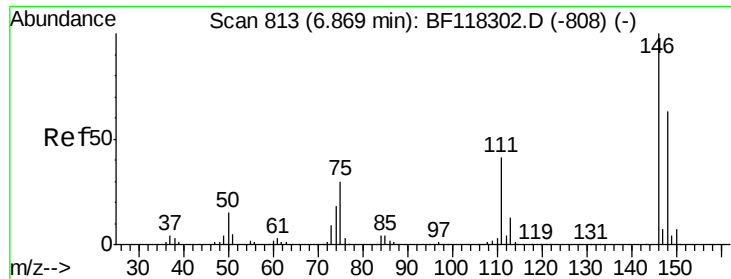
mohammad
12/30/2019 2:08:29 PM



#12
1,3-Dichlorobenzene
Concen: 40.670 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557597		
148	65.4		51.4	77.0
75	27.6		24.4	36.6





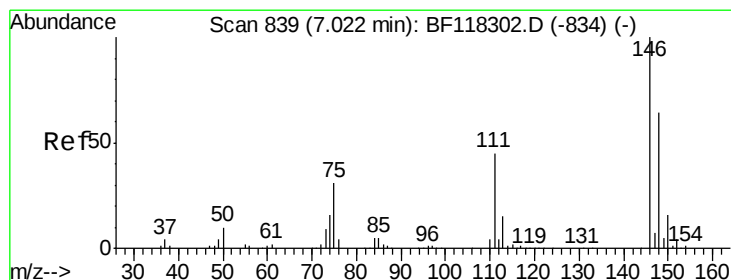
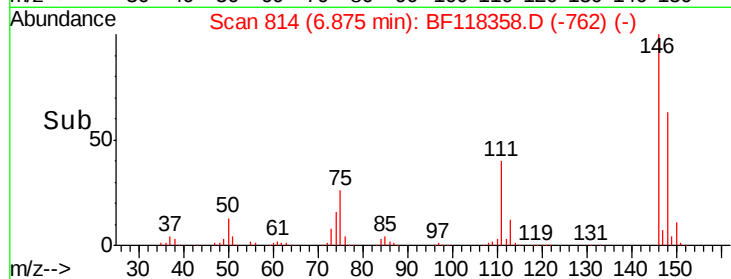
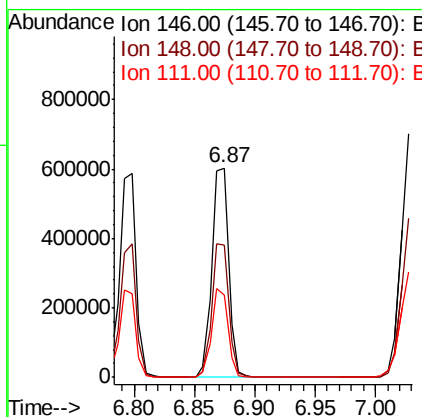
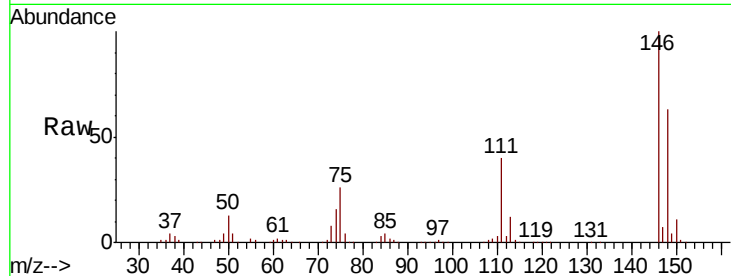
#13
 1,4-Dichlorobenzene
 Concen: 41.488 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	39.6	32.8	49.2

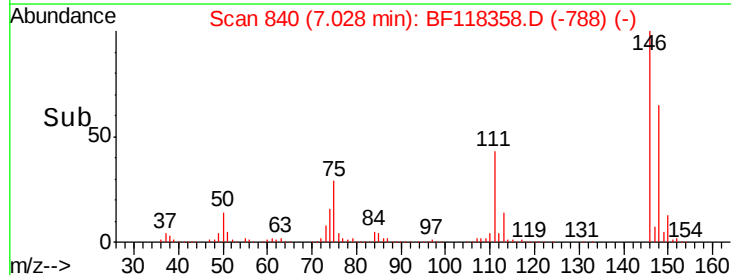
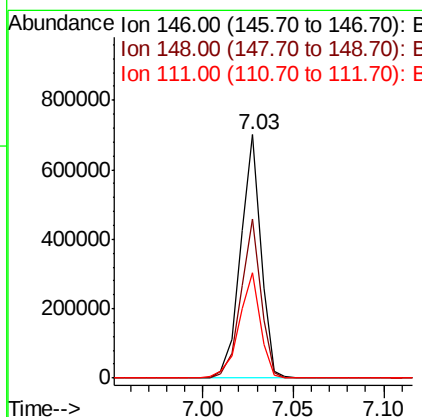
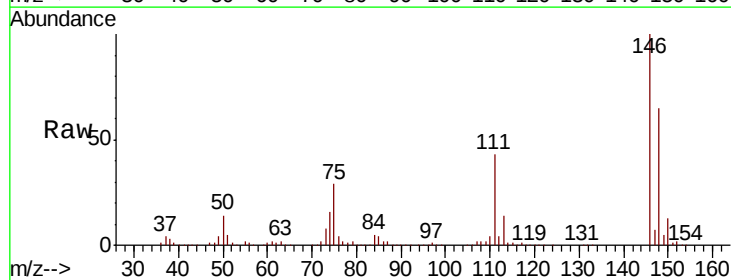
Manual Integrations
 APPROVED

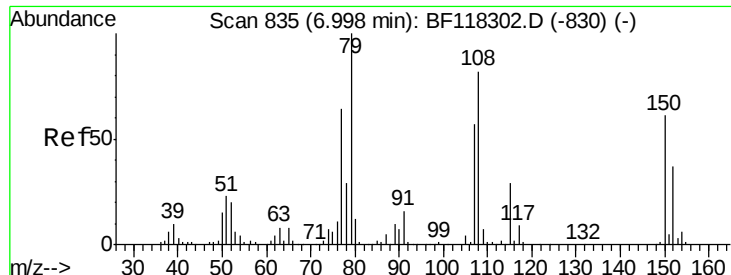
mohammad
 12/30/2019 2:08:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.578 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	43.5	35.7	53.5





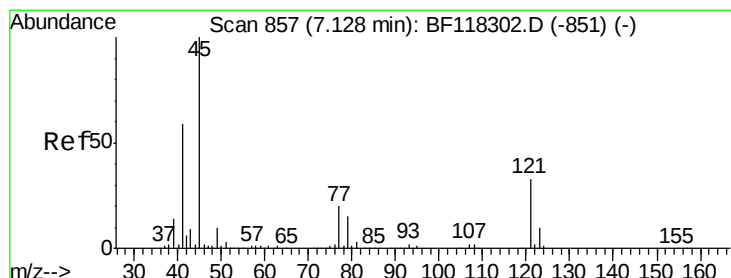
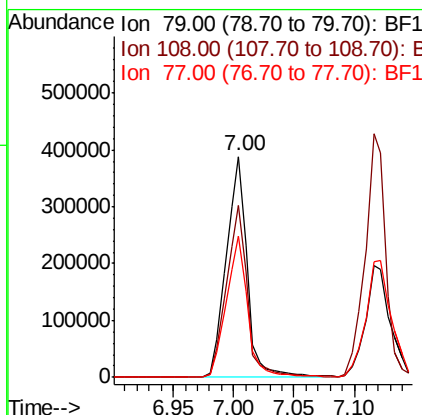
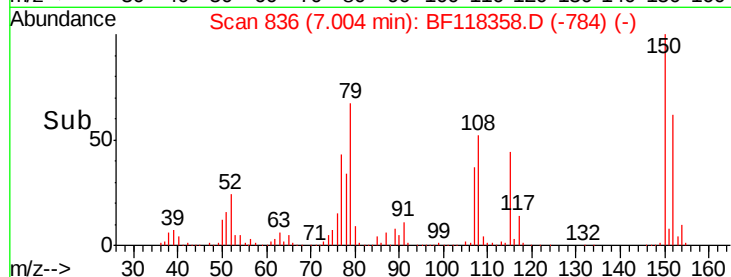
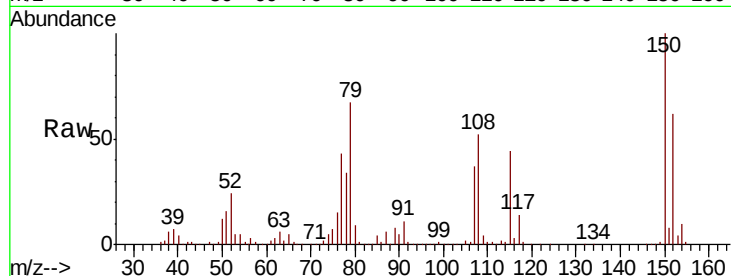
#15
Benzyl Alcohol
Concen: 47.337 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	77.8	65.4	98.0		
77	64.1	51.4	77.0		

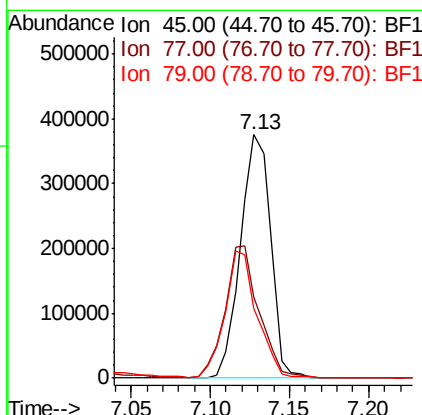
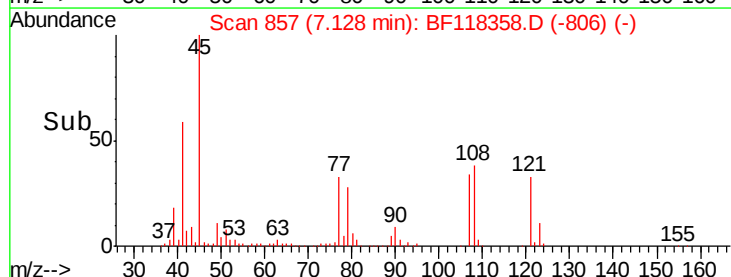
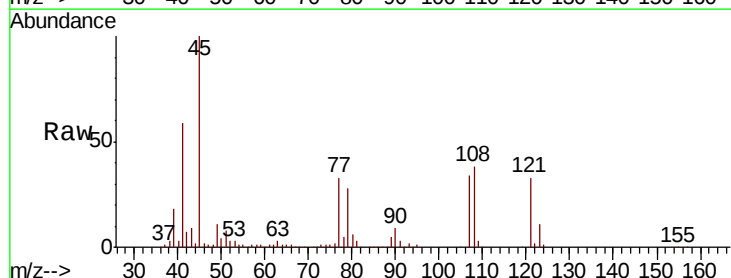
Manual Integrations
APPROVED

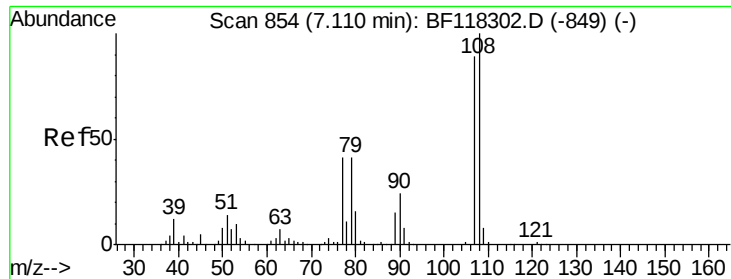
mohammad
12/30/2019 2:08:29 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.187 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	33.5	1.2	41.2		
79	28.4	0.0	37.0		





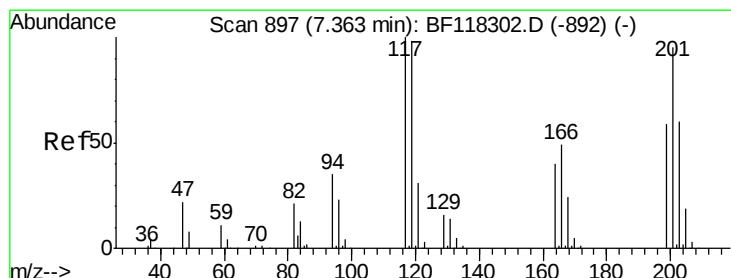
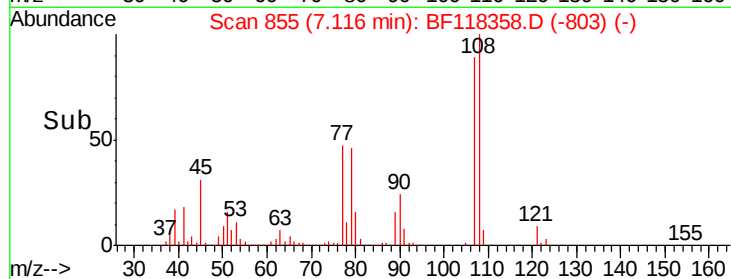
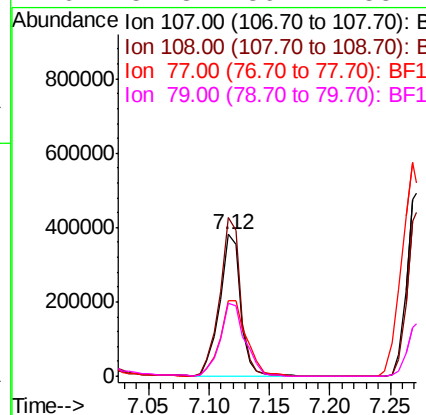
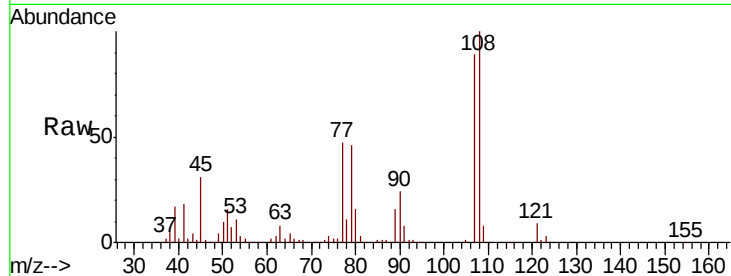
#17
2-Methylphenol
Concen: 47.624 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	107	Resp	454721
Ion Ratio	Lower	Upper	
107	100		
108	112.2	89.7	134.5
77	53.1	37.2	55.8
79	51.3	36.7	55.1

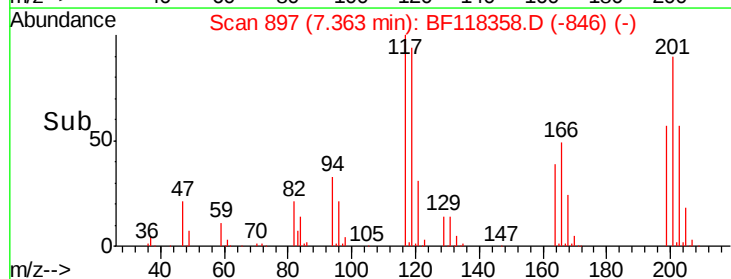
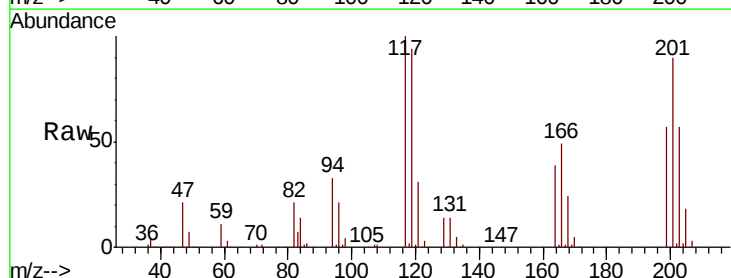
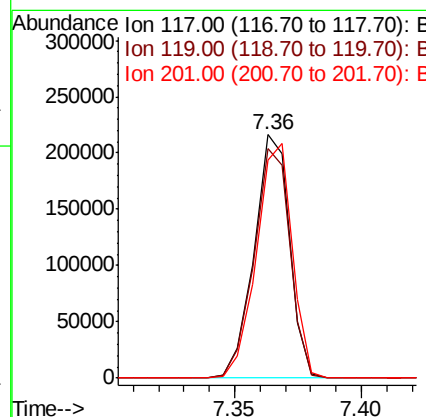
Manual Integrations
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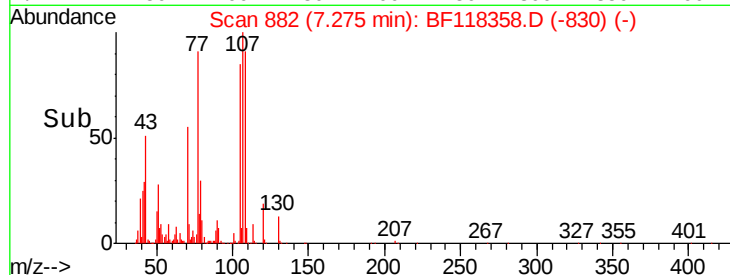
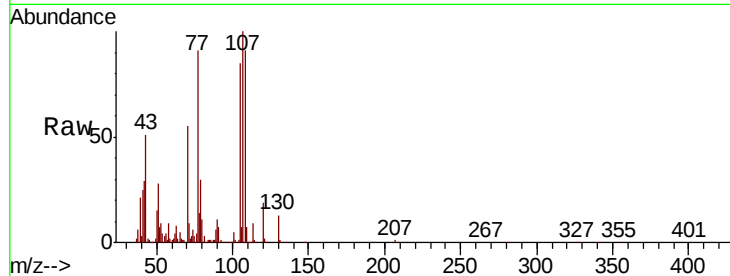
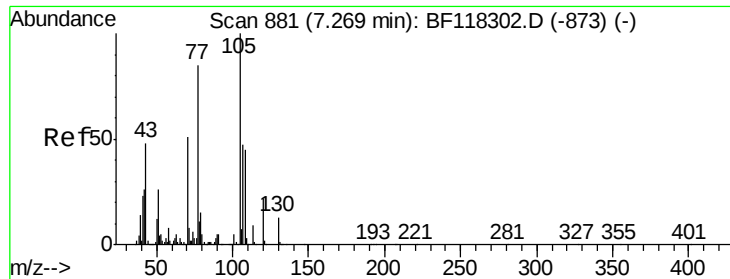
mohammad
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#18
Hexachloroethane
Concen: 41.326 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	117	Resp	211219
Ion Ratio	Lower	Upper	
117	100		
119	94.1	78.0	117.0
201	89.8	76.2	114.2





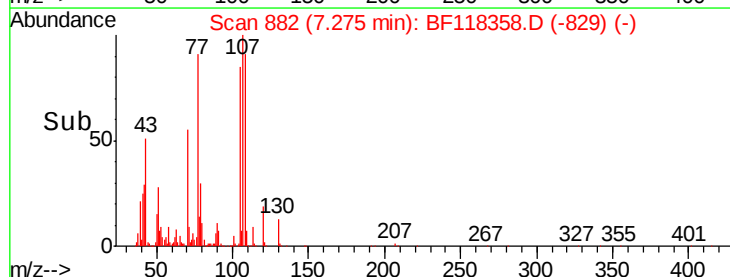
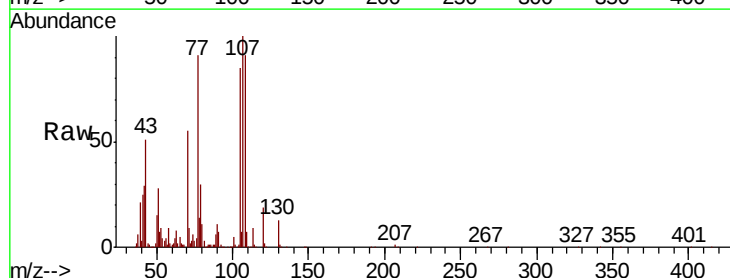
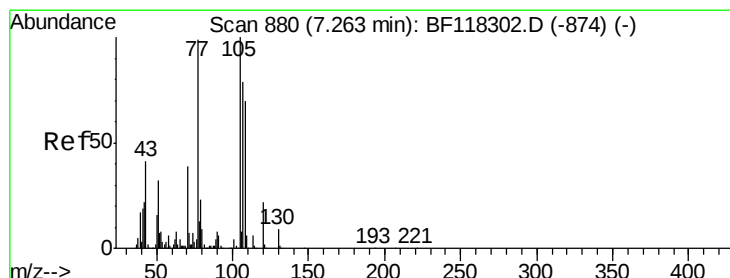
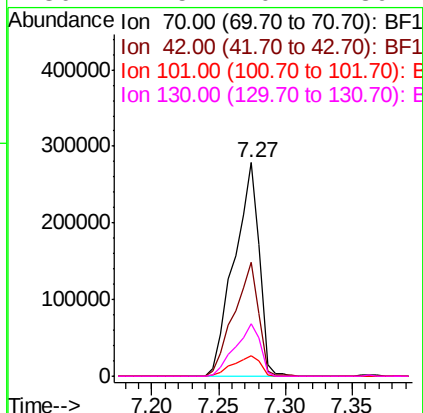
#19
n-Nitroso-di-n-propylamine
Concen: 45.566 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	41.1	61.7
101	9.8	8.3	12.5
130	24.5	20.1	30.1

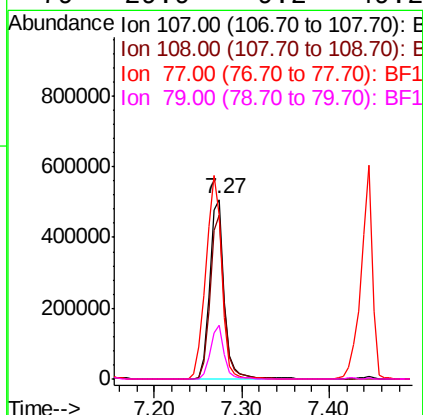
Manual Integrations
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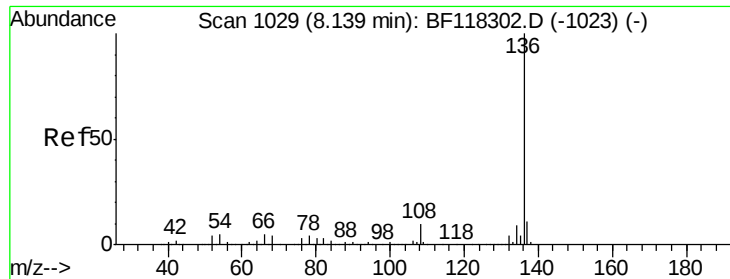
mohammad
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#20
3+4-Methylphenols
Concen: 47.344 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.3	109.3
77	91.5	105.9	145.9#
79	29.9	9.2	49.2





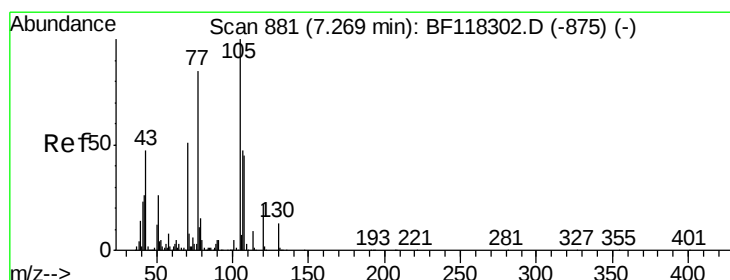
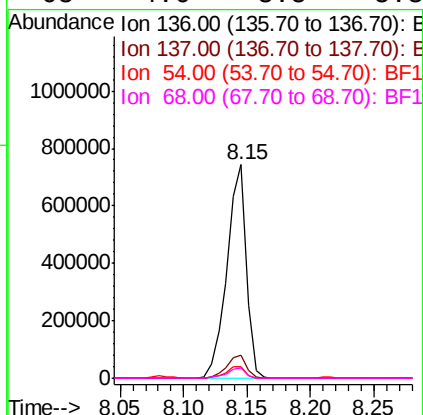
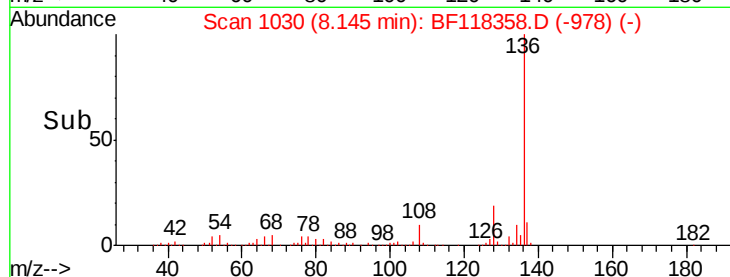
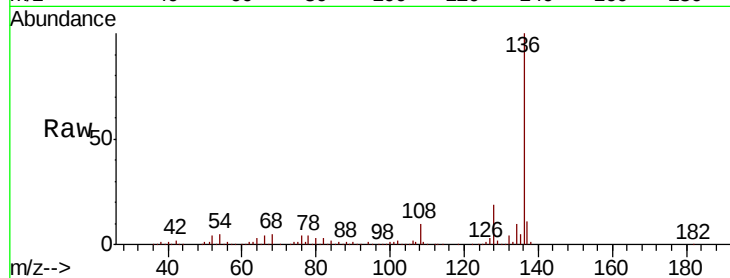
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		782608		
137	10.6		8.9	13.3	
54	5.3		4.2	6.4	
68	4.6		3.5	5.3	

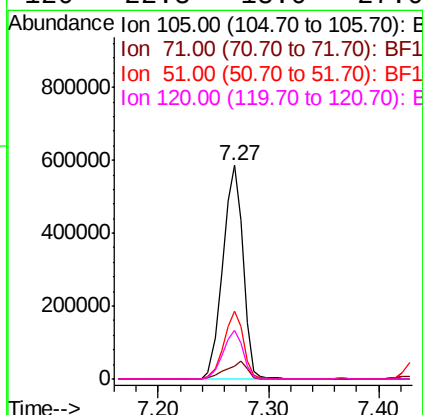
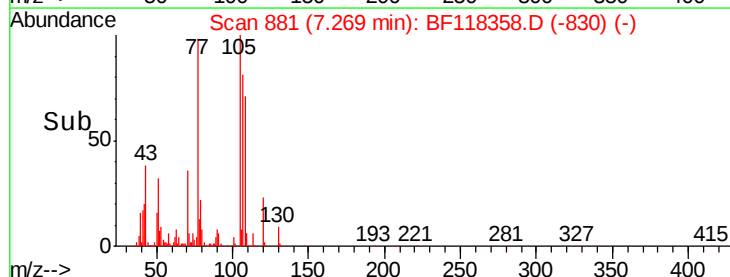
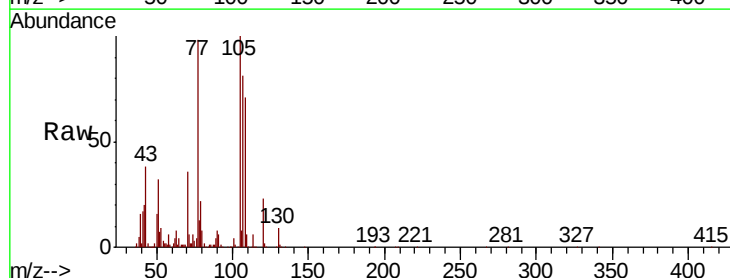
Manual Integrations
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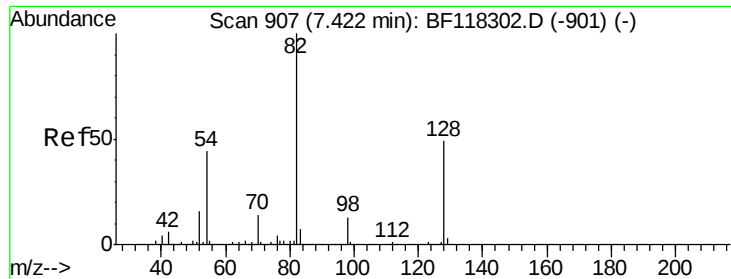
mohammad
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#22
Acetophenone
Concen: 39.191 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		751716		
71	6.1		6.6	9.8#	
51	31.5		20.6	30.8#	
120	22.8		18.0	27.0	





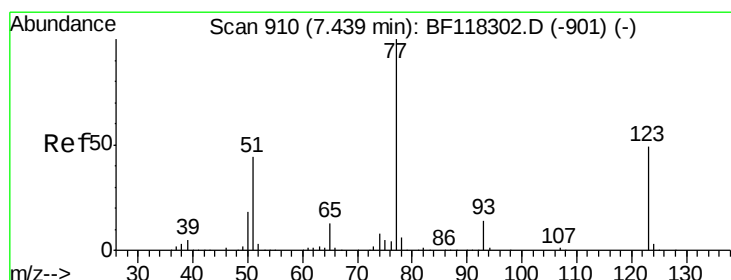
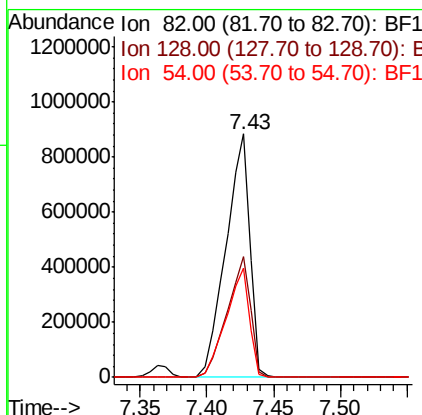
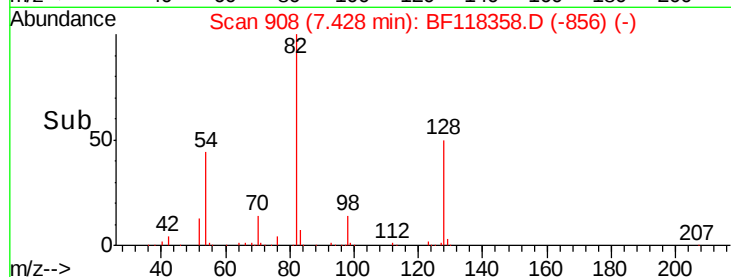
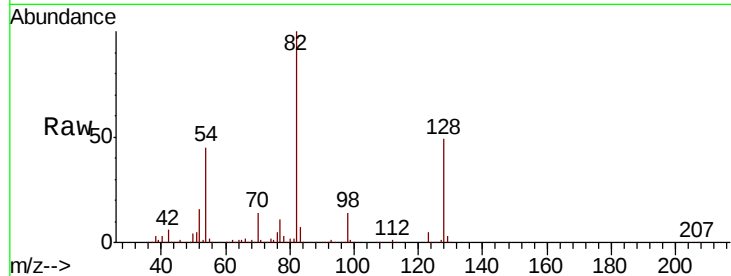
#23
 Nitrobenzene-d5
 Concen: 82.206 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	39.6	59.4
54	44.7	34.9	52.3

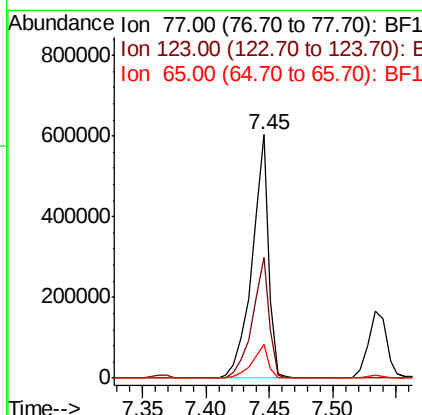
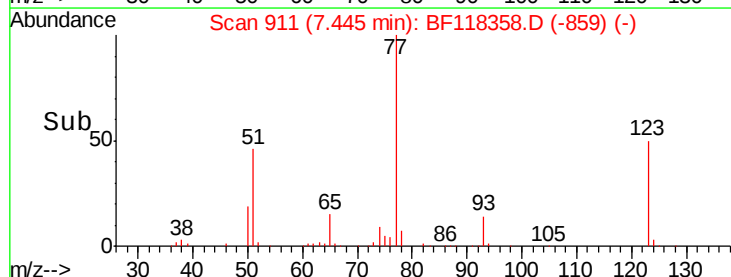
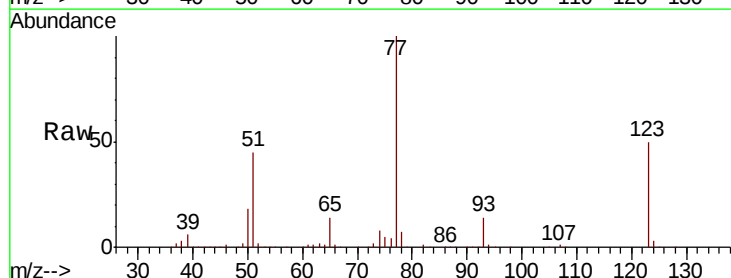
Manual Integrations
 APPROVED

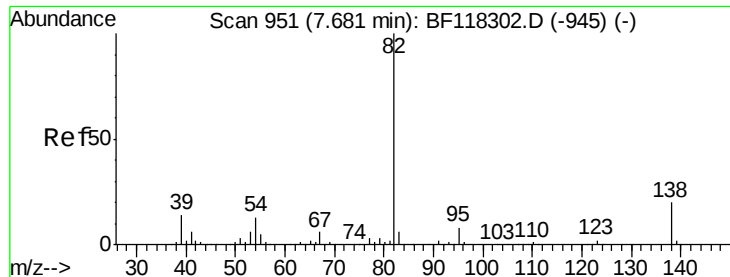
mohammad
 12/30/2019 2:08:29 PM



#24
 Nitrobenzene
 Concen: 39.995 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.1	58.7
65	13.6	10.6	16.0





#25

Isophorone

Concen: 42.592 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB125767BS

Tot Ion: 82 Resp: 1015685

Ion Ratio Lower Upper

82 100

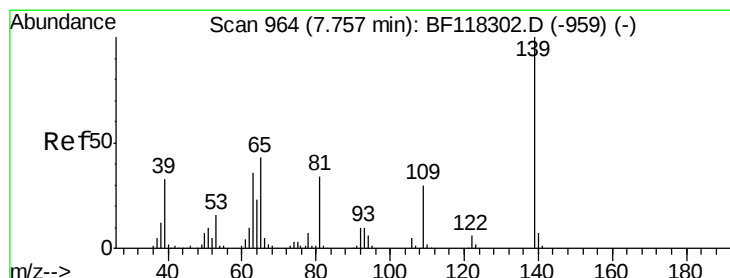
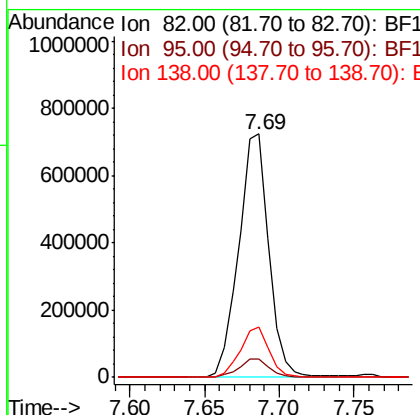
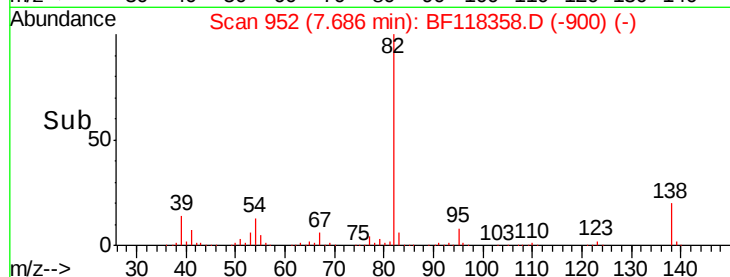
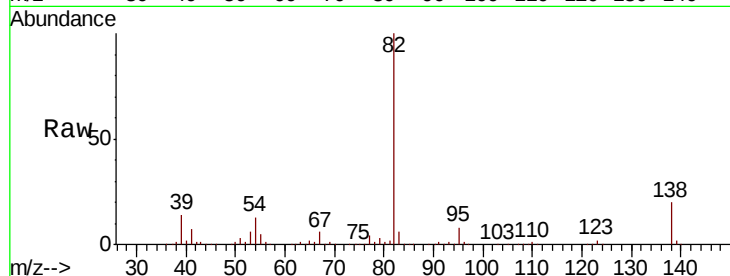
95 7.8 6.3 9.5

138 20.5 16.2 24.2

Manual Integrations
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mohammad

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#26

2-Nitrophenol

Concen: 44.640 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

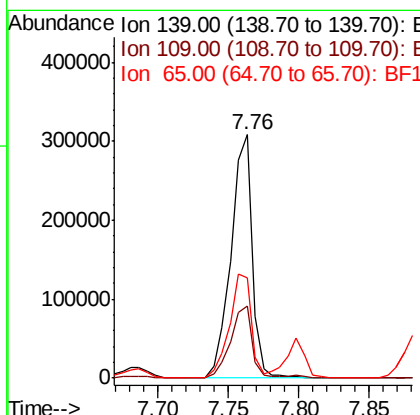
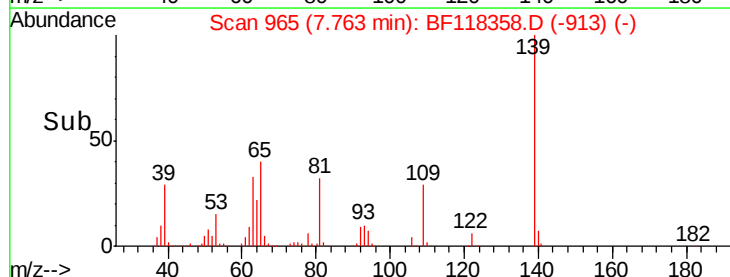
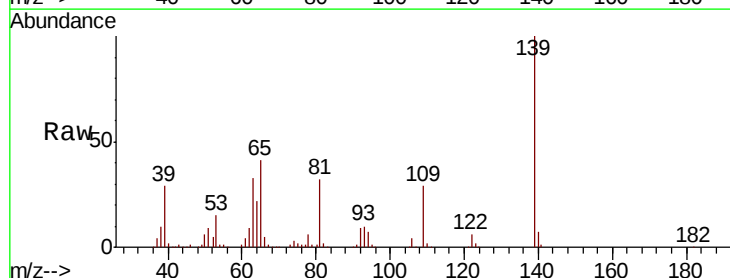
Tgt Ion: 139 Resp: 324093

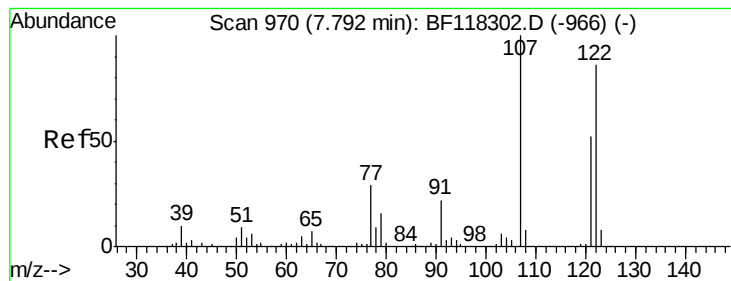
Ion Ratio Lower Upper

139 100

109 29.4 24.1 36.1

65 41.0 34.6 52.0





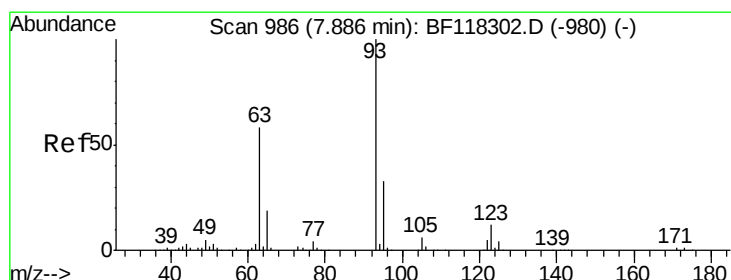
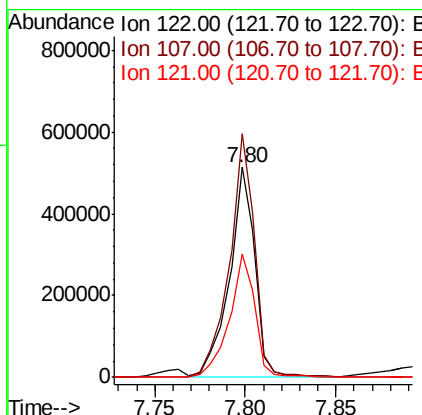
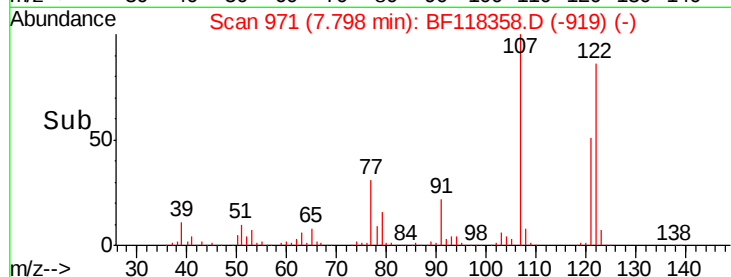
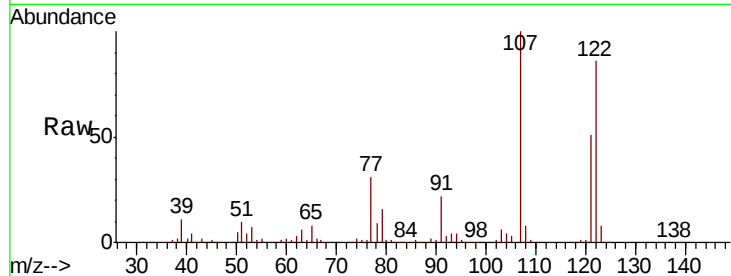
#27
2,4-Dimethylphenol
Concen: 50.609 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.9	139.3
121	58.8	47.9	71.9

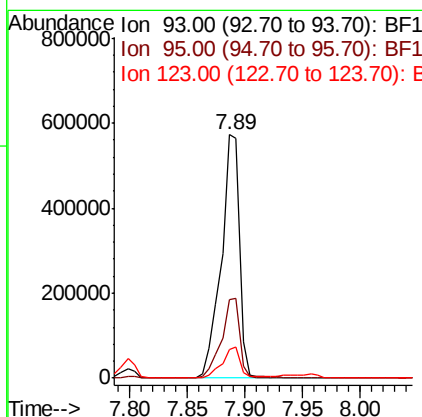
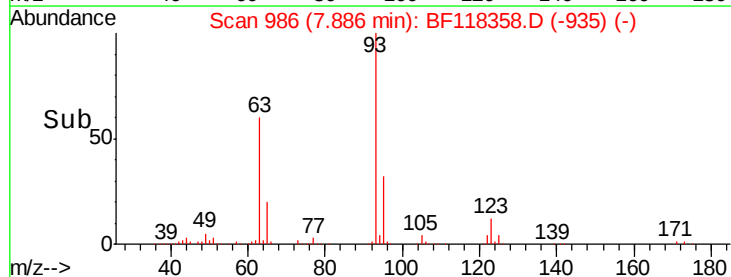
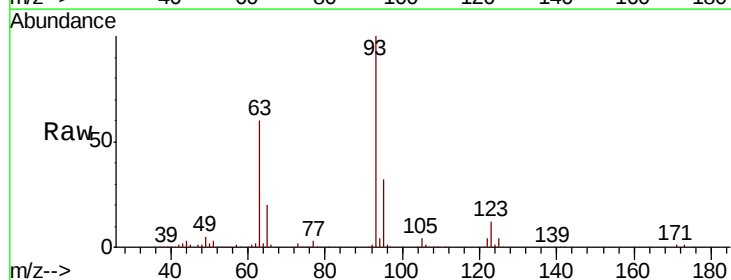
Manual Integrations
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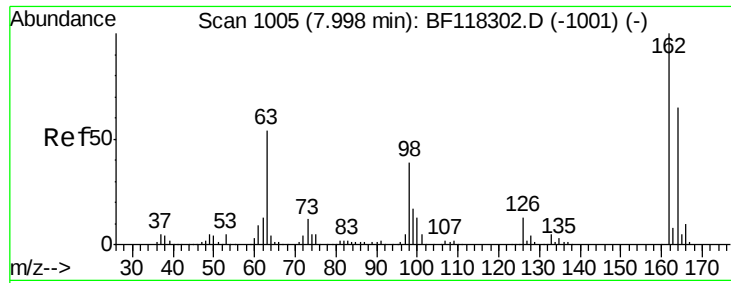
mohammad
12/30/2019 2:08:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.771 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.8	9.8	14.8





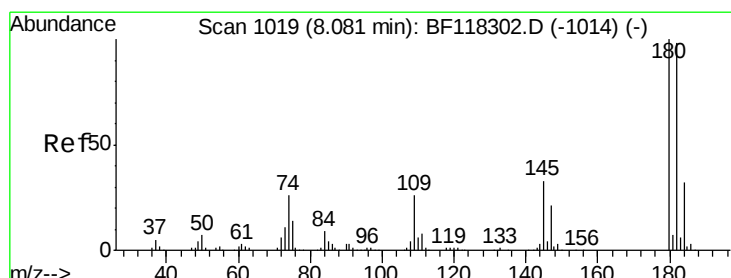
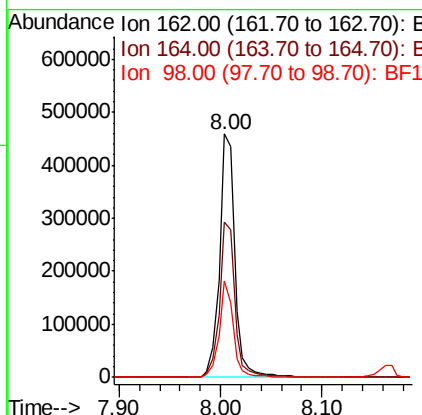
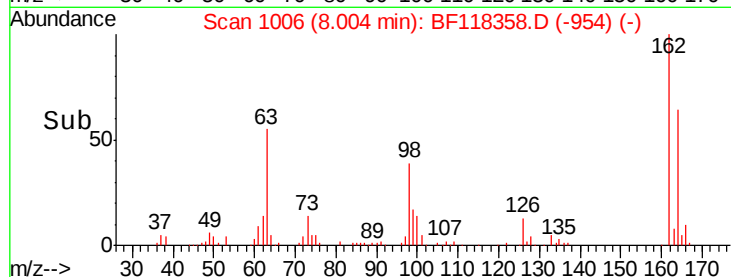
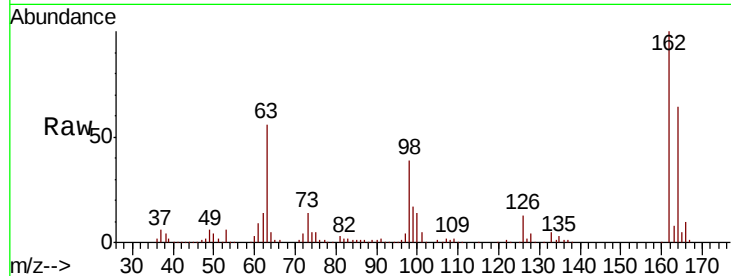
#29
2,4-Dichlorophenol
Concen: 42.354 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	45.1	85.1
98	39.5	18.6	58.6

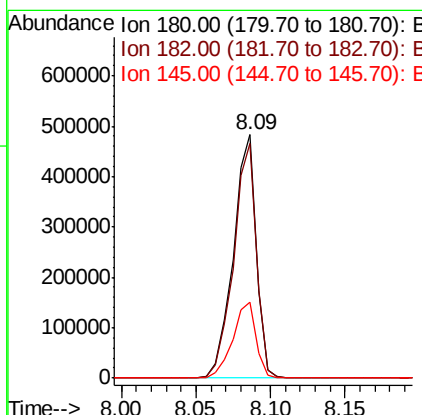
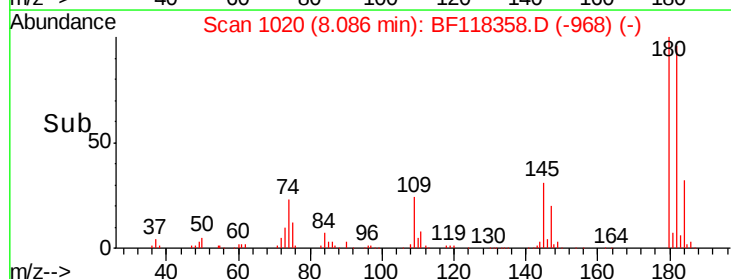
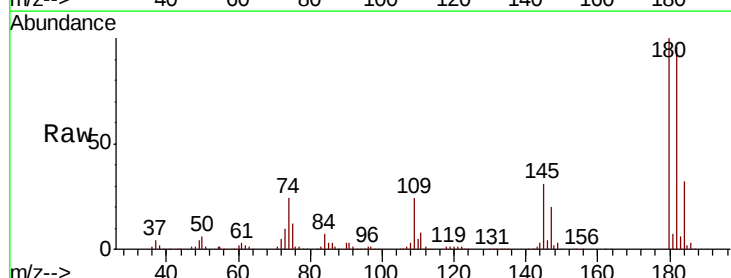
Manual Integrations
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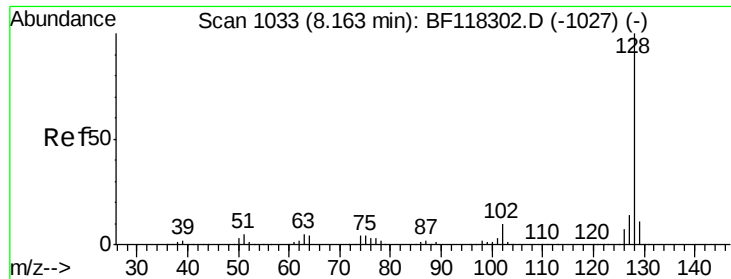
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.352 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	78.3	117.5
145	31.0	26.7	40.1





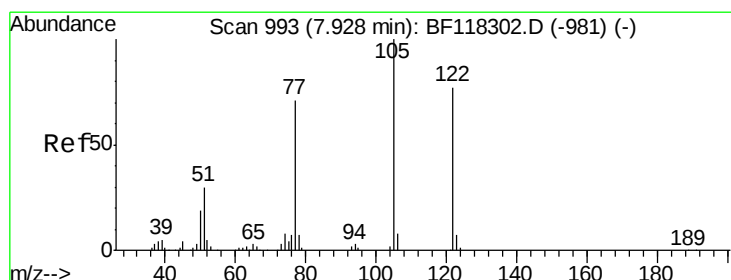
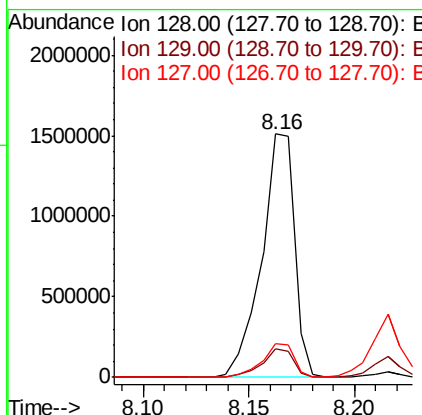
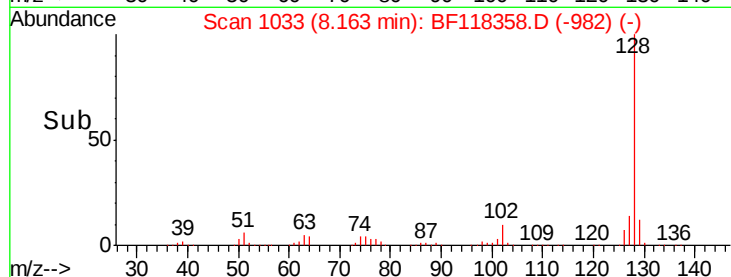
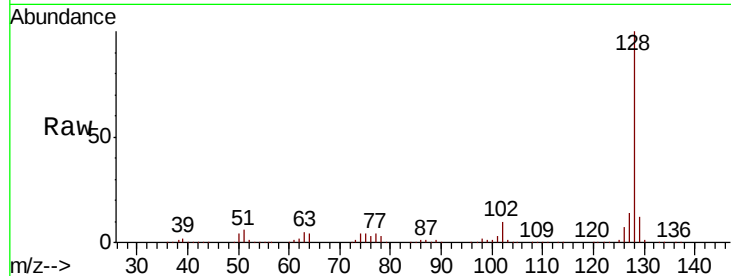
#31
Naphthalene
Concen: 41.322 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.6	11.0	16.4

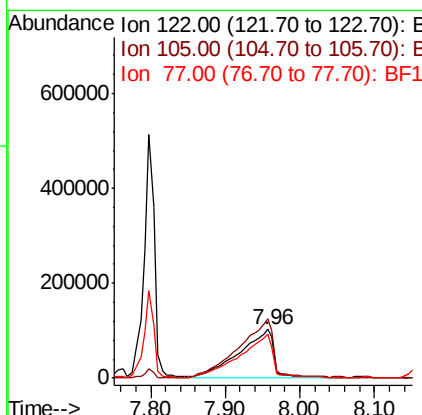
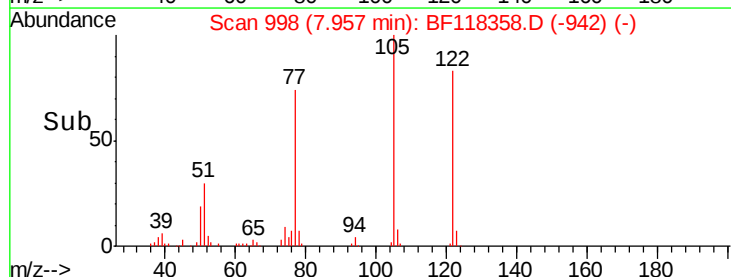
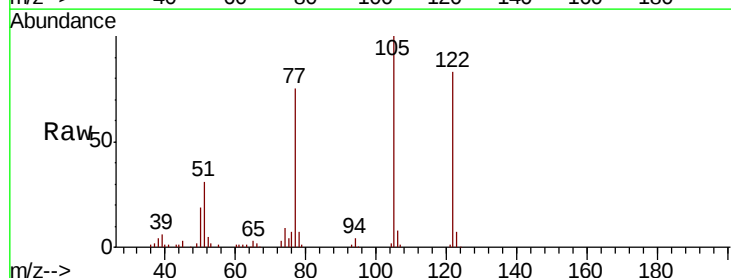
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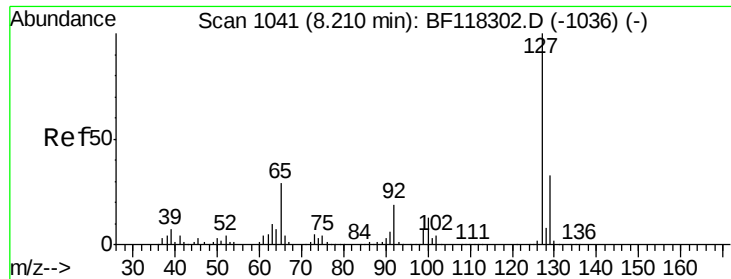
mohammad
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#32
Benzoic acid
Concen: 40.160 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	106.8	146.8
77	90.0	70.4	110.4





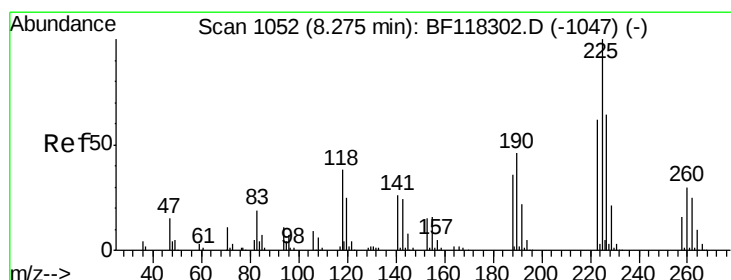
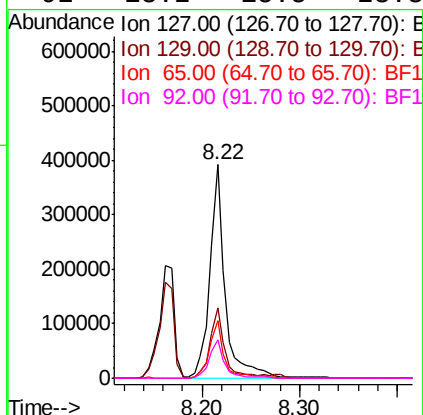
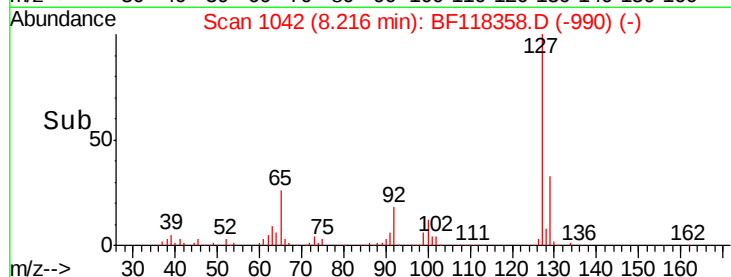
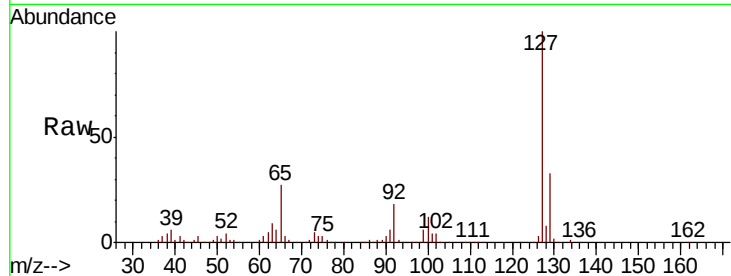
#33
4-Chloroaniline
Concen: 24.899 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.5	39.7		
65	26.8	22.8	34.2		
92	18.2	15.5	23.3		

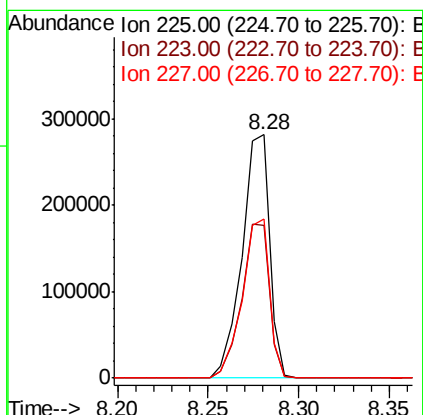
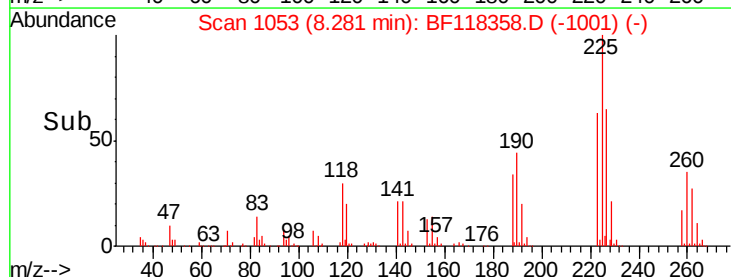
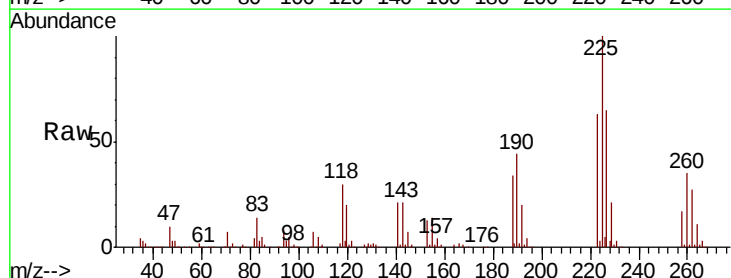
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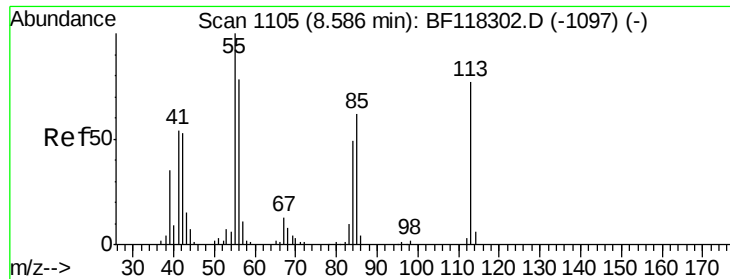
mohammad
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#34
Hexachlorobutadiene
Concen: 37.707 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.5	74.3		
227	65.4	51.0	76.4		





#35

Caprolactam

Concen: 42.829 ng m

RT: 8.61 min Scan# 1109

Delta R.T. 0.02 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

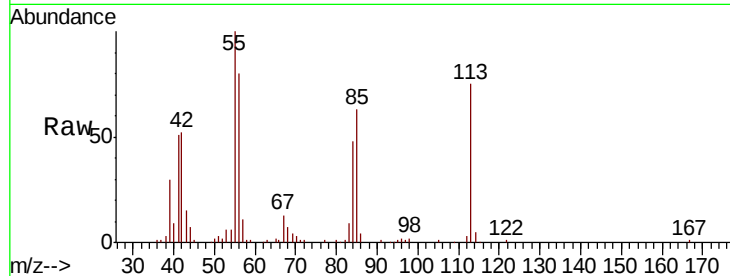
ClientSampleID :

PB125767BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.5	109.8	149.8
56	105.6	81.7	121.7

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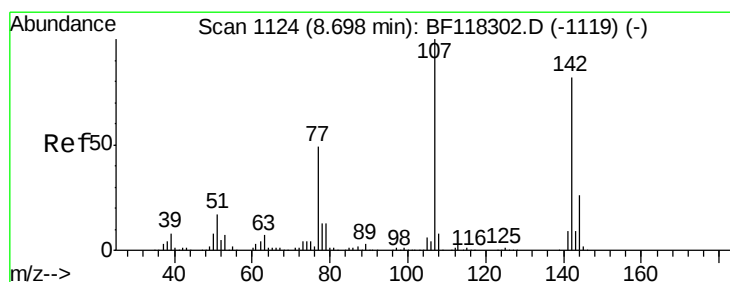
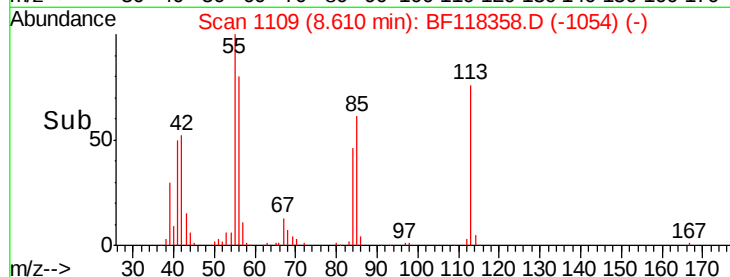
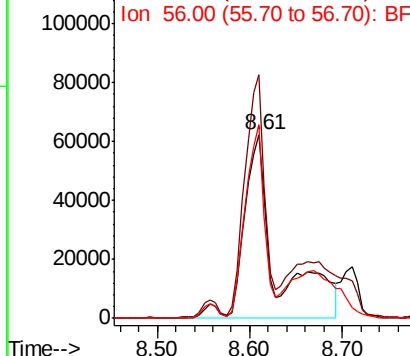


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.507 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

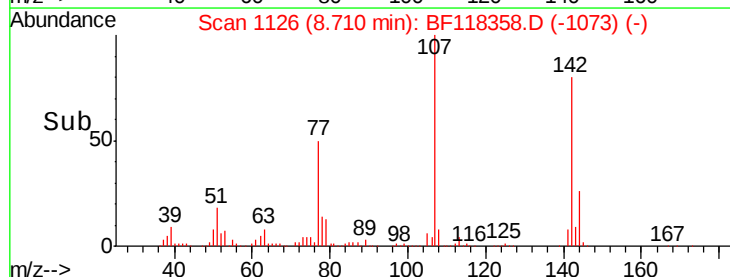
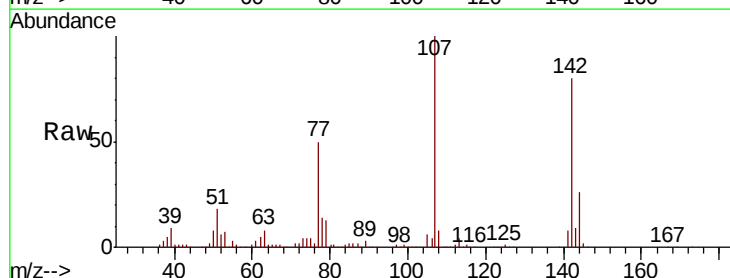
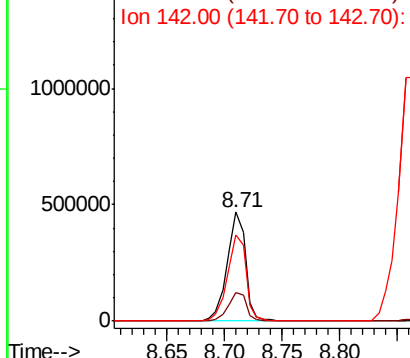
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.2	31.8
142	79.5	65.4	98.2

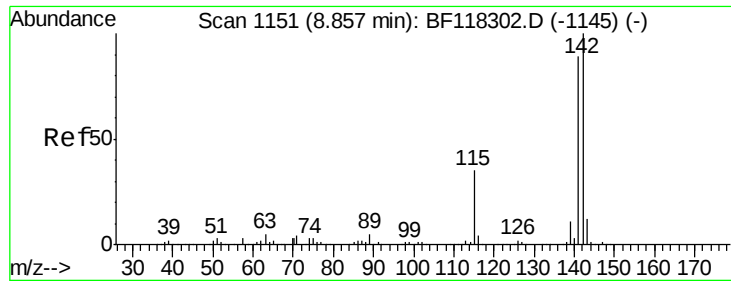
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





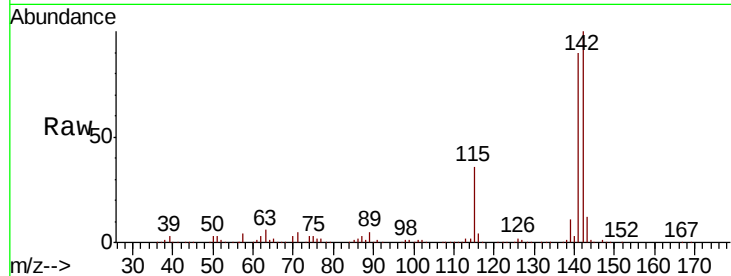
#37
2-Methylnaphthalene
Concen: 42.456 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	36.2	28.0	42.0

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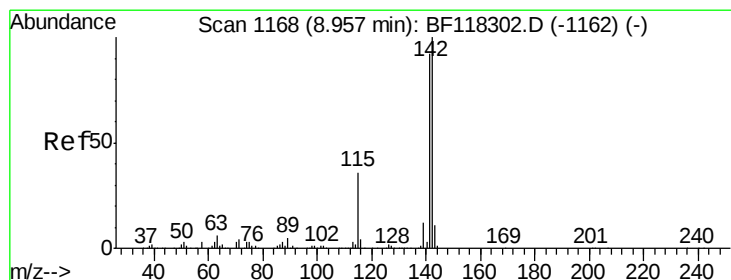
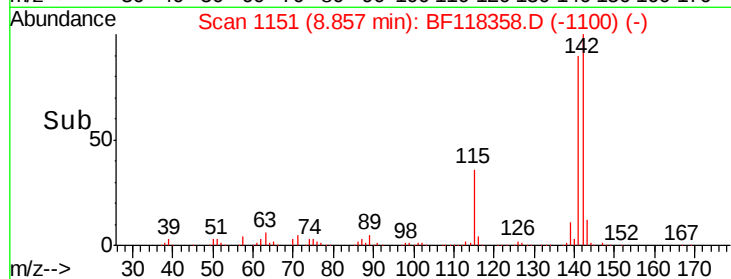
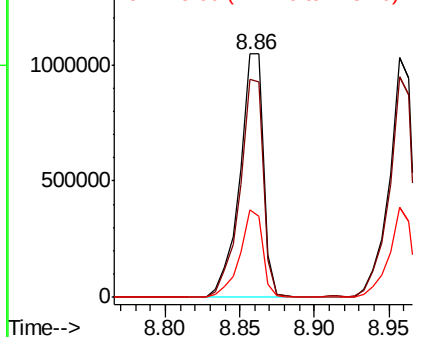


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.018 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

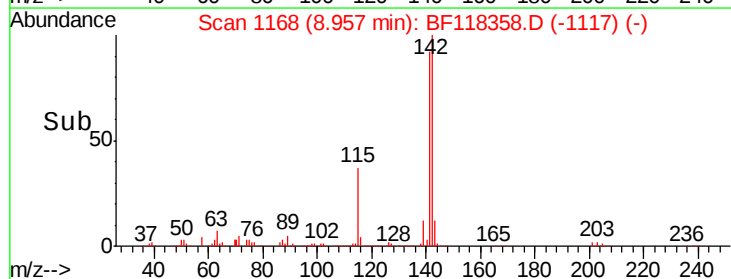
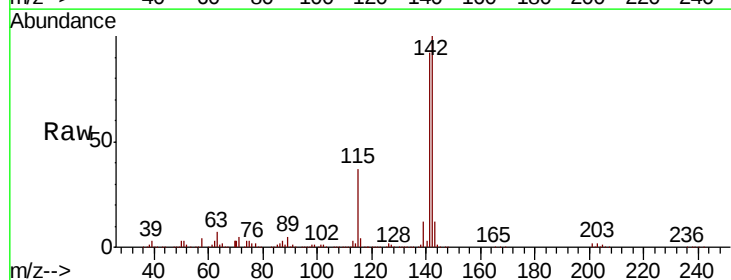
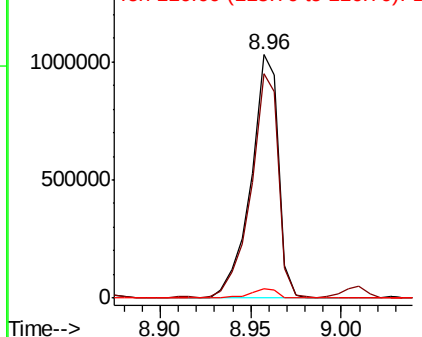
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2
116	4.1	2.9	4.3

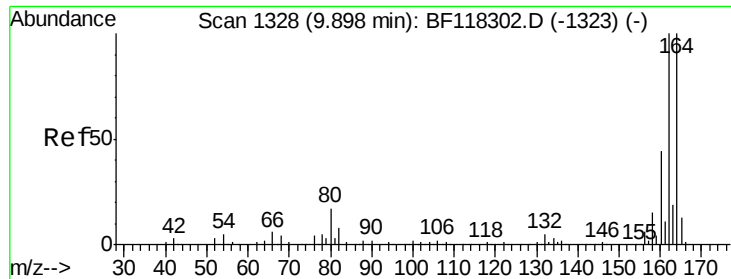
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





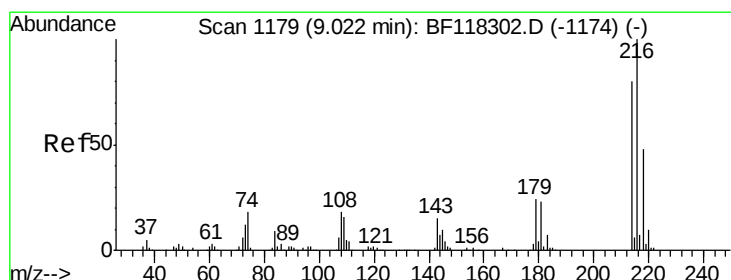
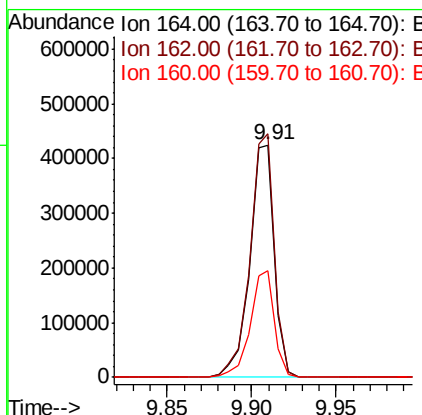
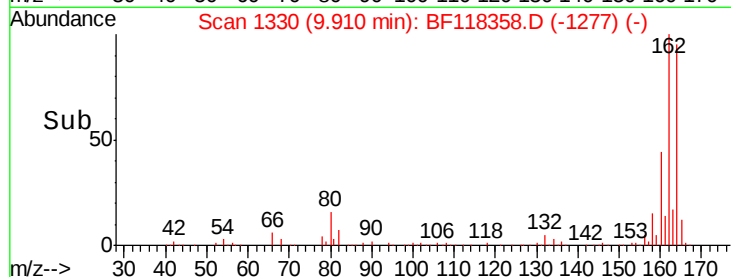
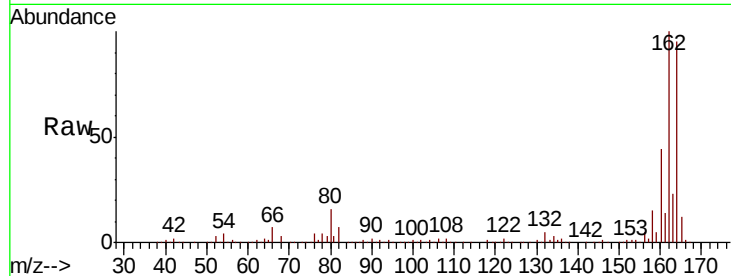
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.0	120.0
160	46.1	34.8	52.2

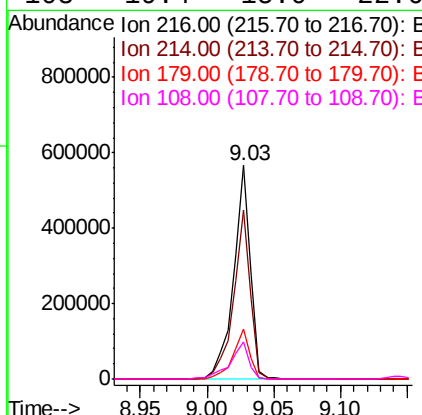
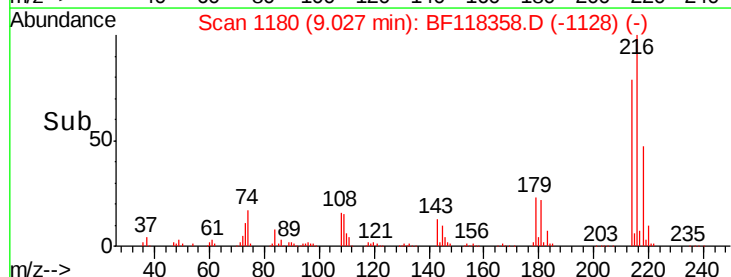
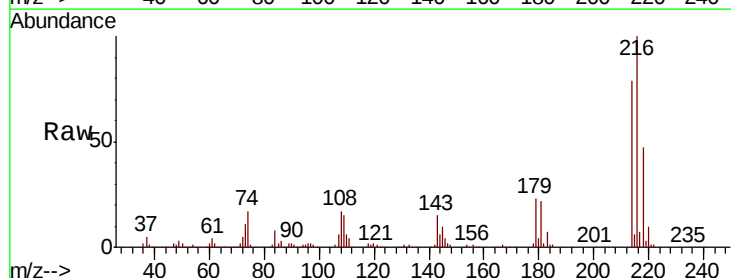
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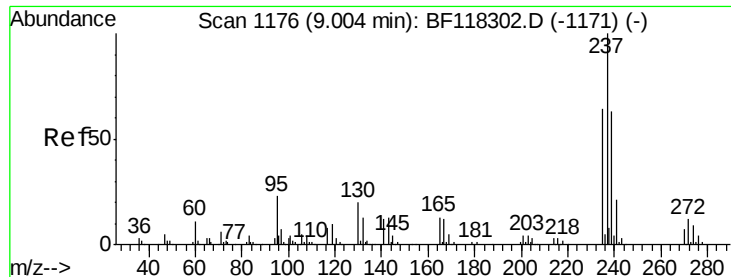
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.781 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.3	94.9
179	23.0	18.9	28.3
108	19.4	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 67.260 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

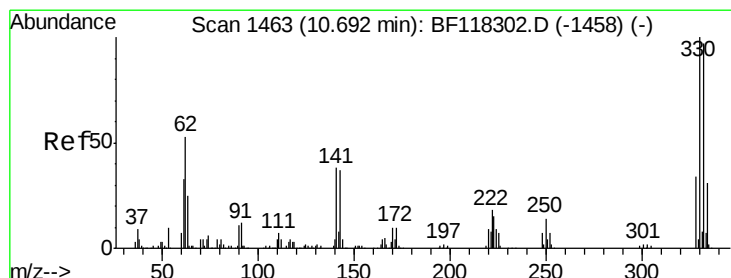
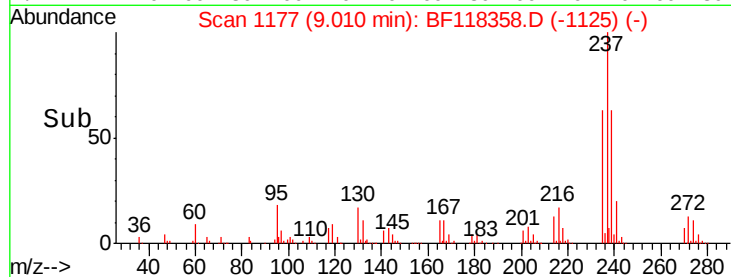
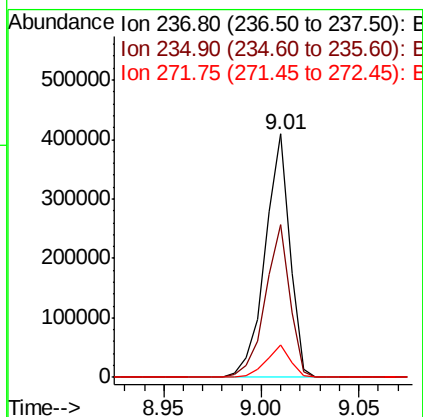
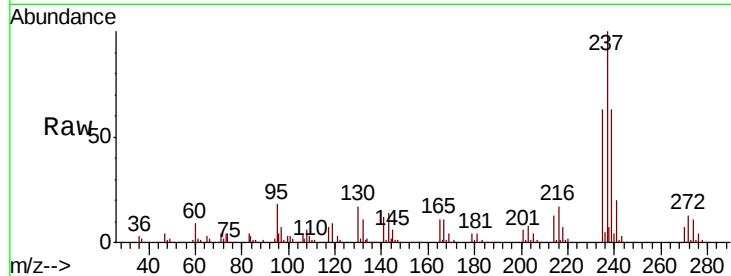
ClientSampleId :

PB125767BS

Tot Ion:	237	Resp:	358523
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.8	83.8
272	13.4	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 72.748 ng

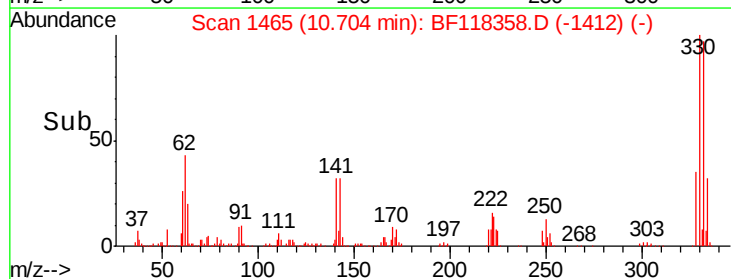
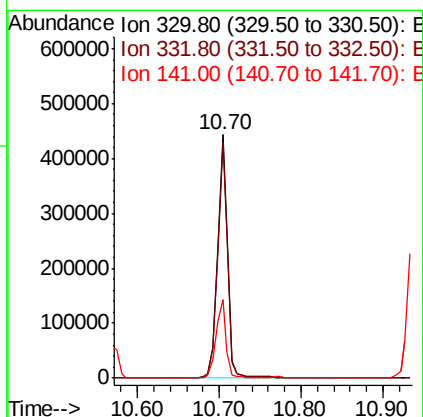
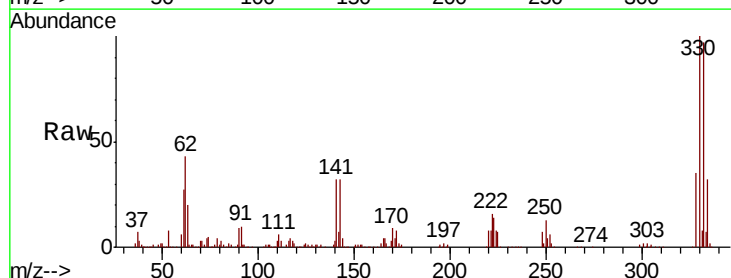
RT: 10.70 min Scan# 1465

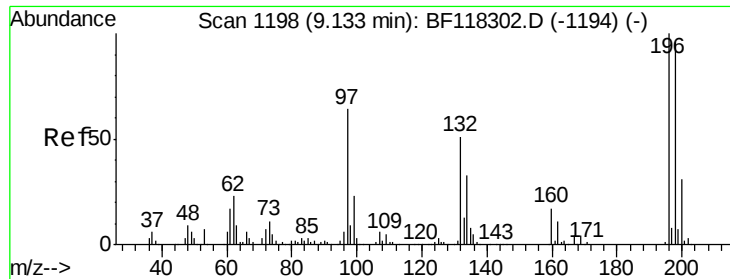
Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion:	330	Resp:	387845
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.6	114.8
141	31.7	26.0	39.0





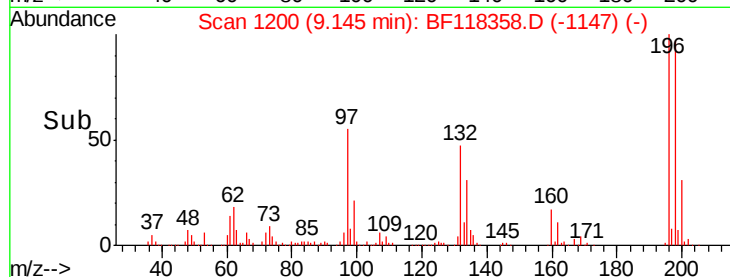
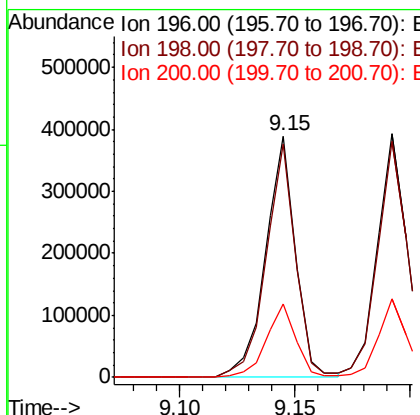
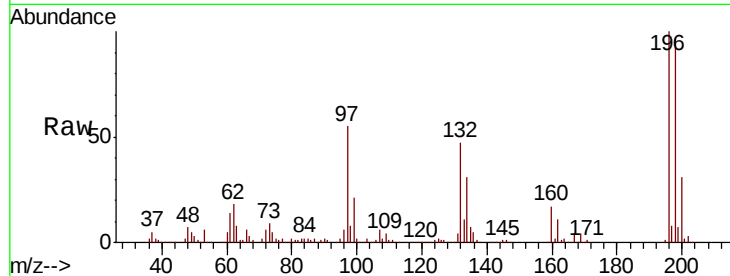
#43
 2,4,6-Trichlorophenol
 Concen: 40.469 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	350690		
198	96.7	76.7	115.1	
200	30.6	24.8	37.2	

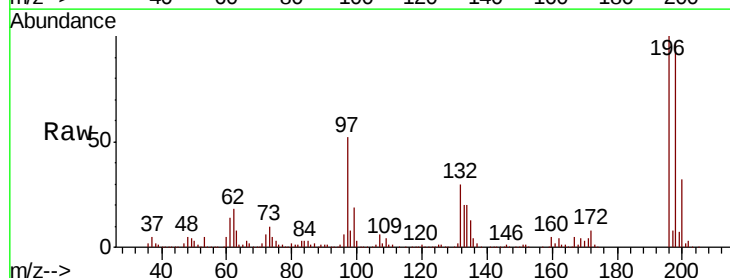
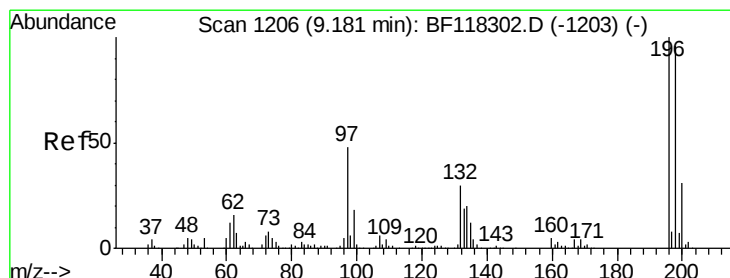
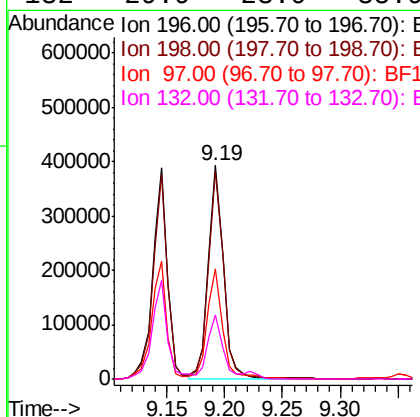
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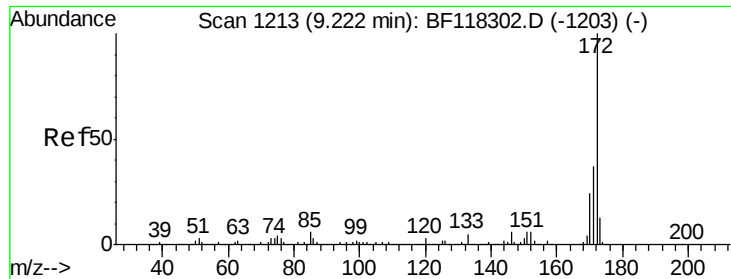
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.646 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	362329		
198	96.9	77.0	115.4	
97	51.6	38.9	58.3	
132	29.9	23.9	35.9	





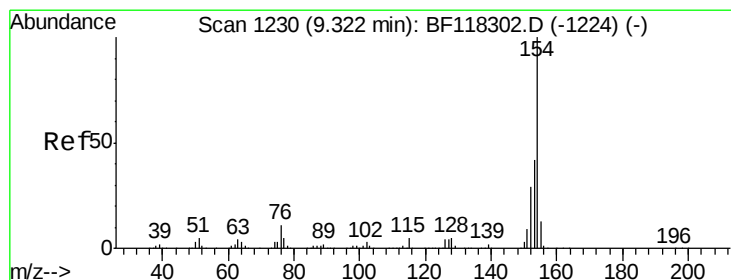
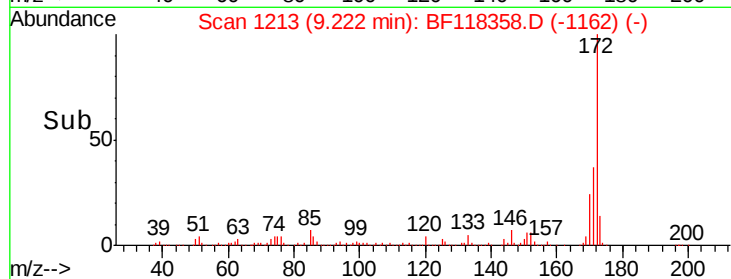
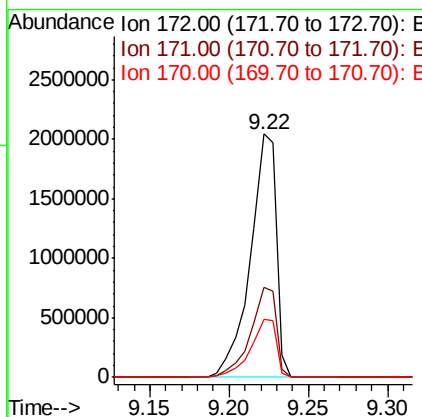
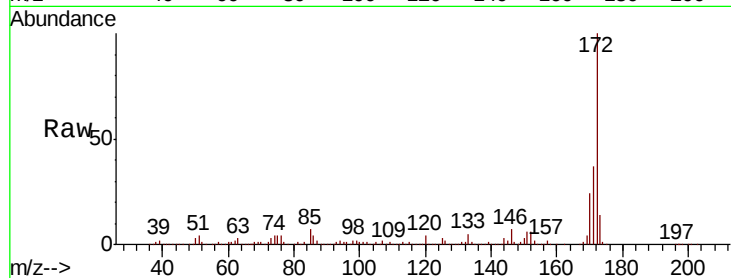
#45
2-Fluorobiphenyl
Concen: 82.307 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	23.8	19.2	28.8

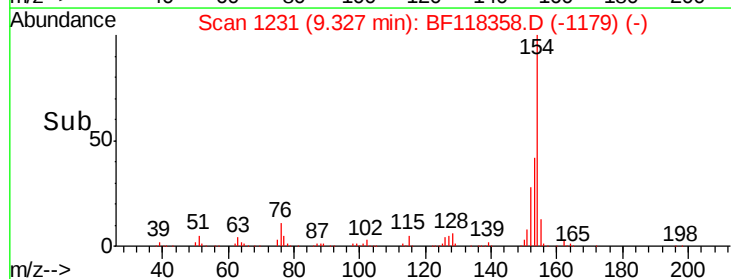
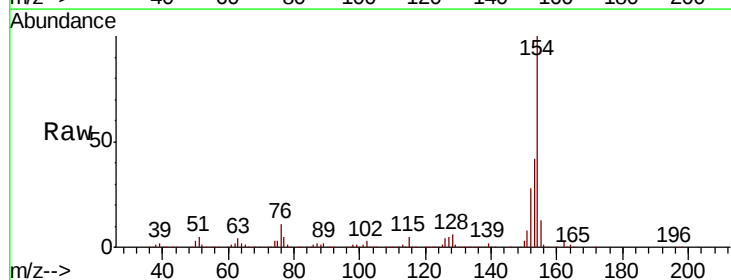
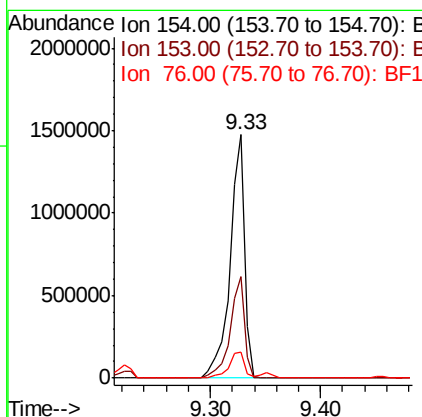
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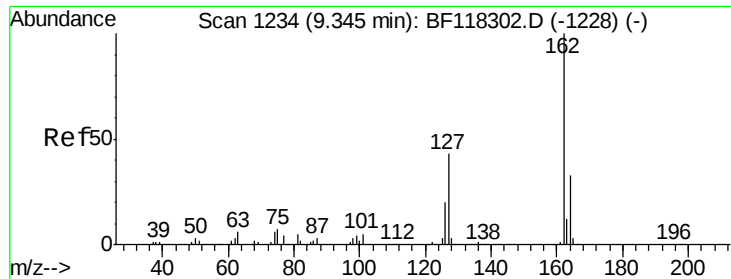
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#46
1,1'-Biphenyl
Concen: 39.740 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.8	61.8
76	10.9	0.0	30.9





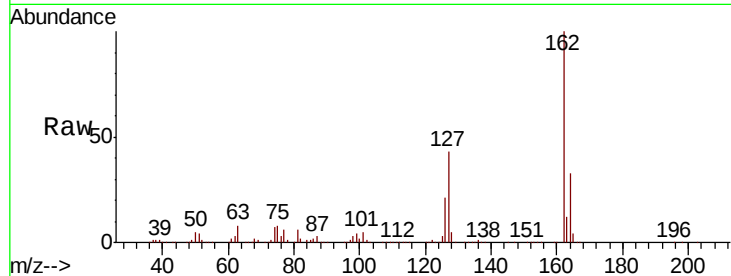
#47
2-Chloronaphthalene
Concen: 38.683 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	32.8	26.6	40.0

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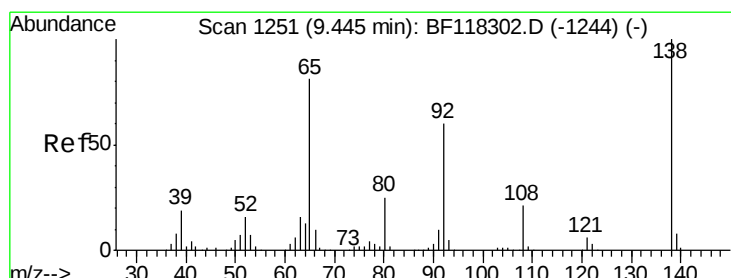
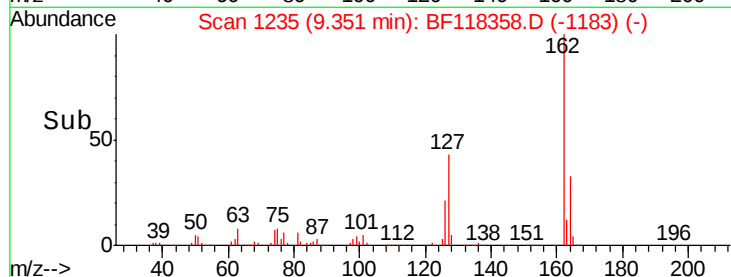
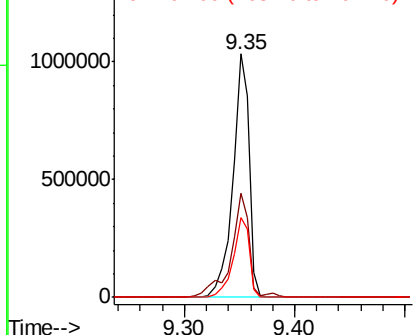


Abundance

Ion 162.00 (161.70 to 162.70): E

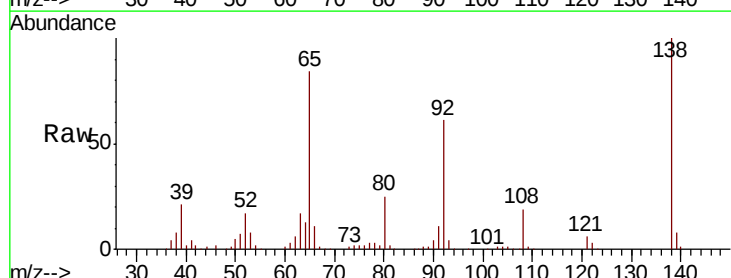
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.323 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	119.6	98.5	147.7

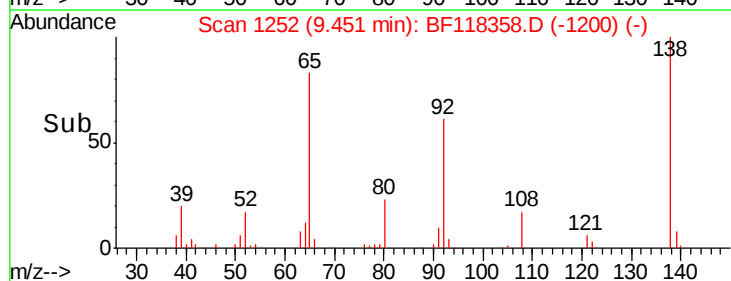
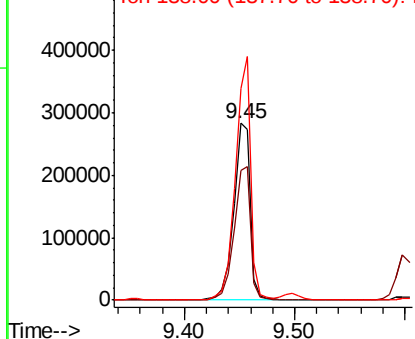


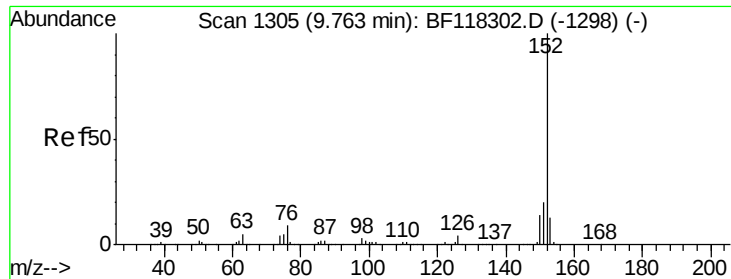
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





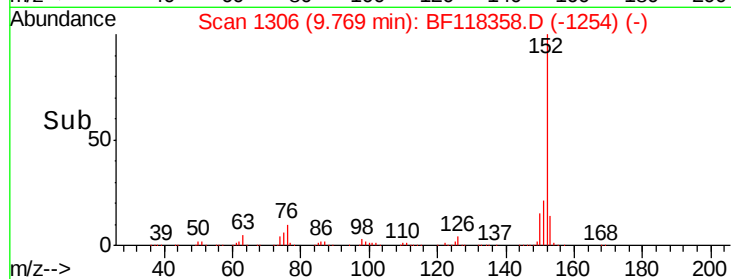
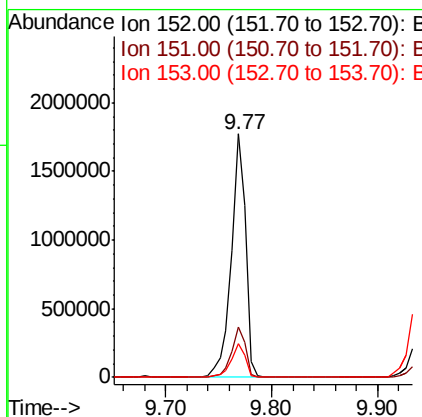
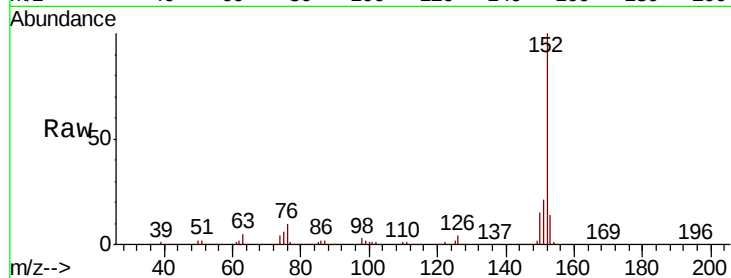
#49
Acenaphthylene
Concen: 40.322 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	13.6	10.5	15.7

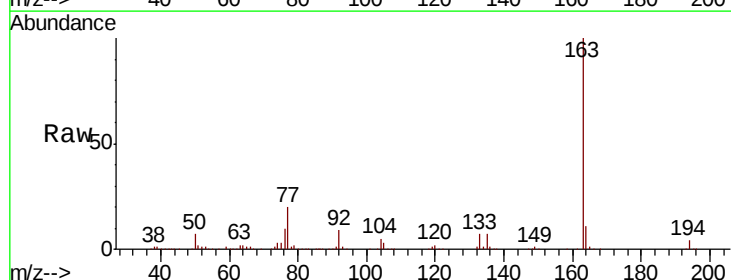
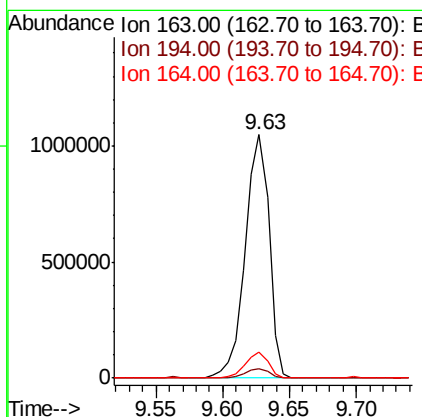
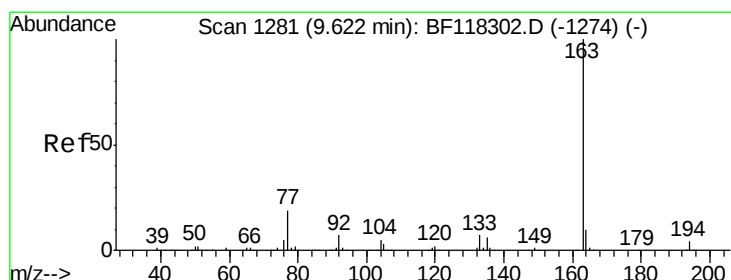
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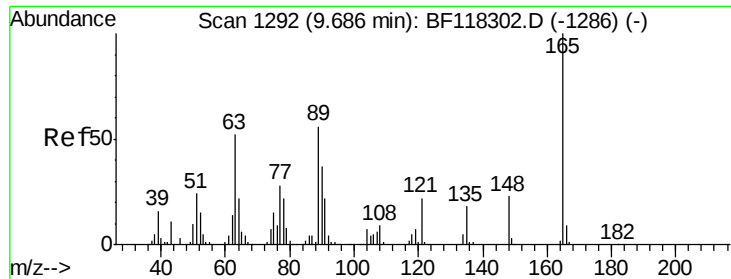
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#50
Dimethylphthalate
Concen: 39.843 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.6	7.9	11.9





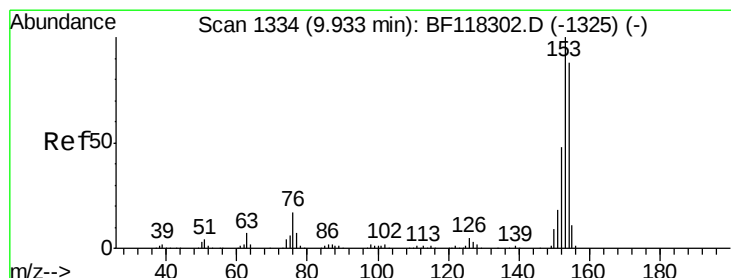
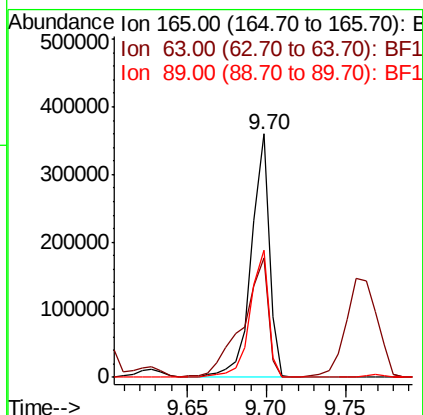
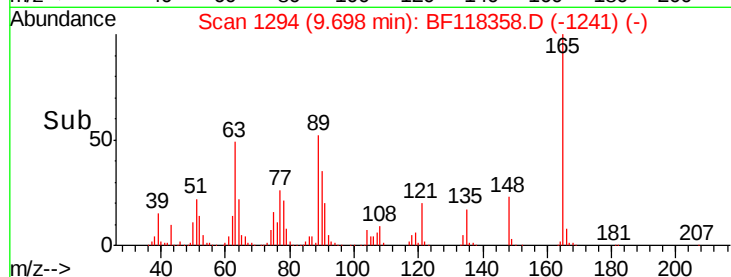
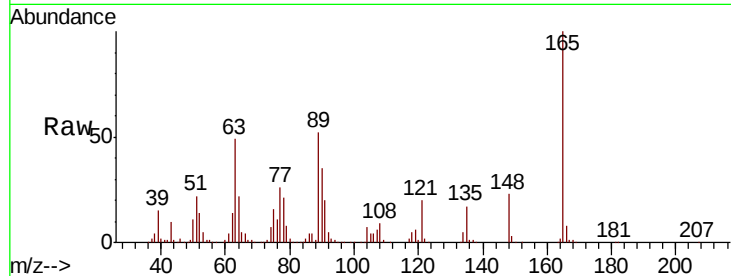
#51
 2,6-Dinitrotoluene
 Concen: 40.583 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	283530		
63	49.1		42.2	63.4
89	52.1		44.4	66.6

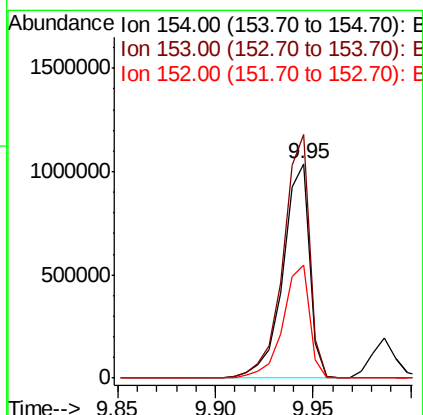
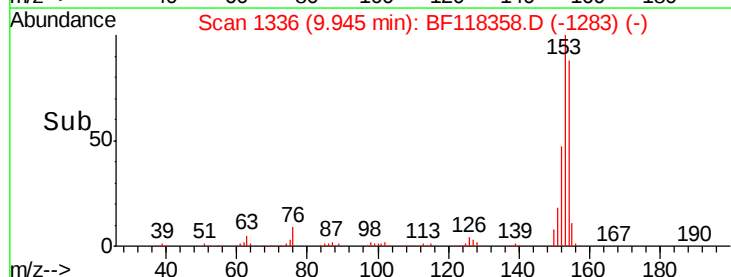
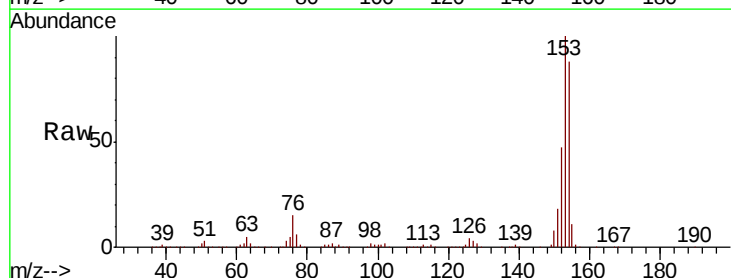
Manual Integrations
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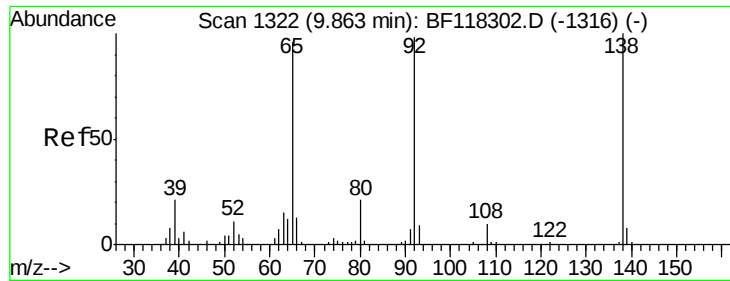
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#52
 Acenaphthene
 Concen: 39.588 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	982825		
153	113.5		90.6	136.0
152	52.8		43.1	64.7





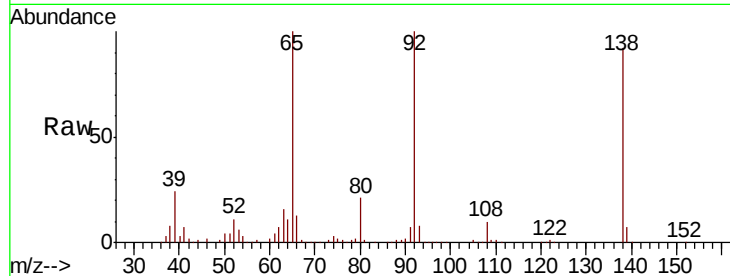
#53
3-Nitroaniline
Concen: 25.918 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

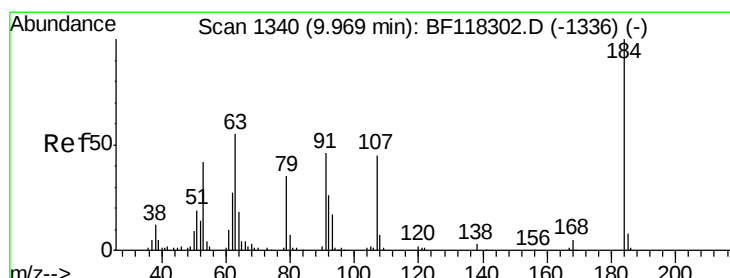
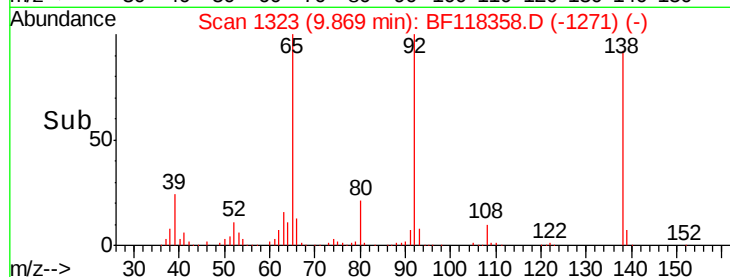
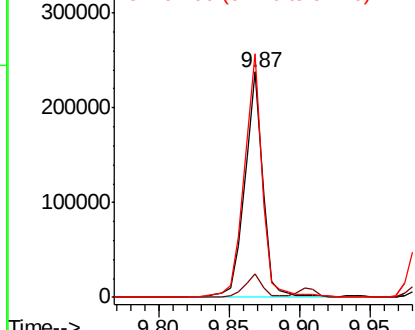
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	108.1	78.2	117.2

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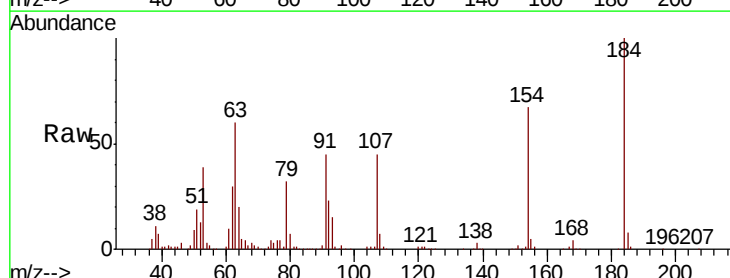


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

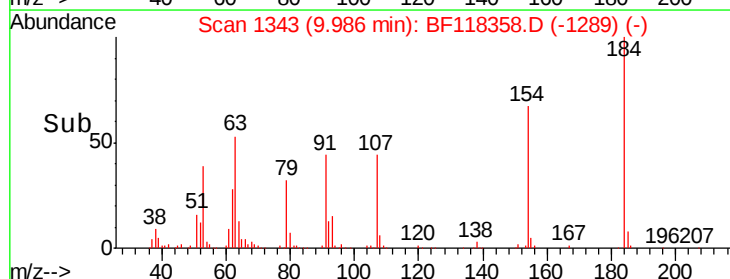
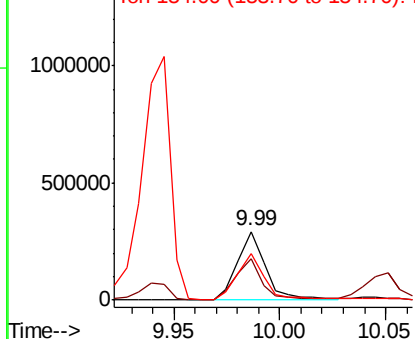


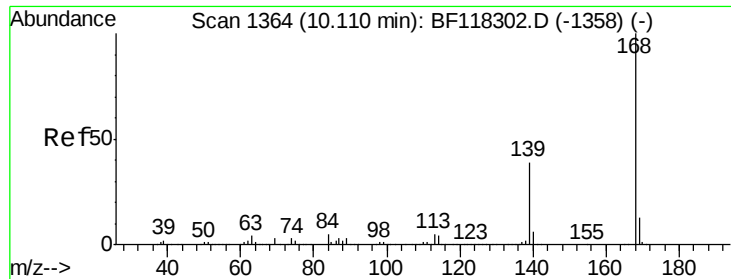
#54
2,4-Dinitrophenol
Concen: 77.921 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	48.8	73.2
154	67.1	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





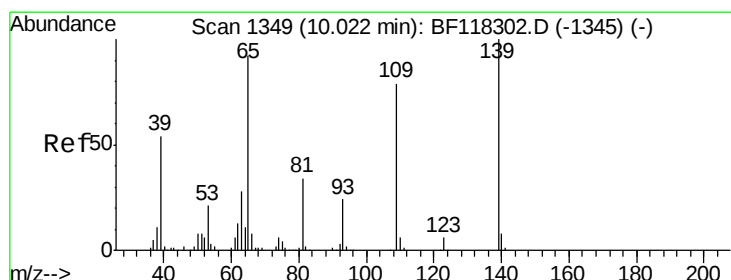
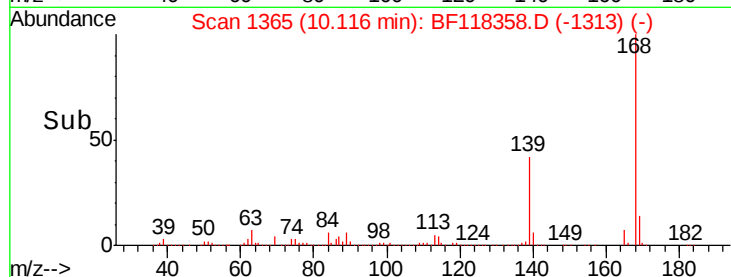
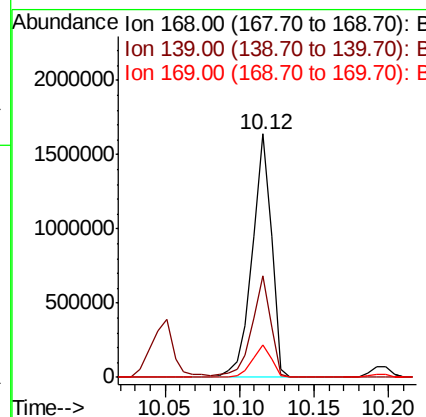
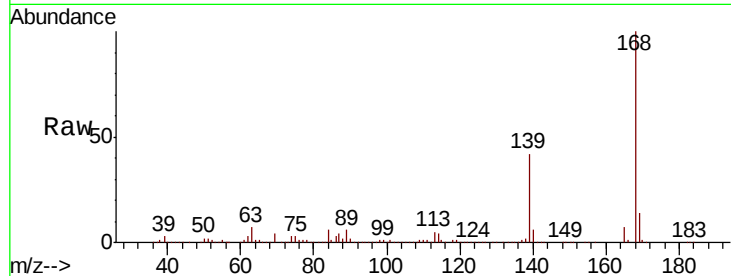
#55
Dibenzofuran
Concen: 39.710 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion:168 Resp: 1456698
Ion Ratio Lower Upper
168 100
139 41.9 31.5 47.3
169 13.5 10.4 15.6

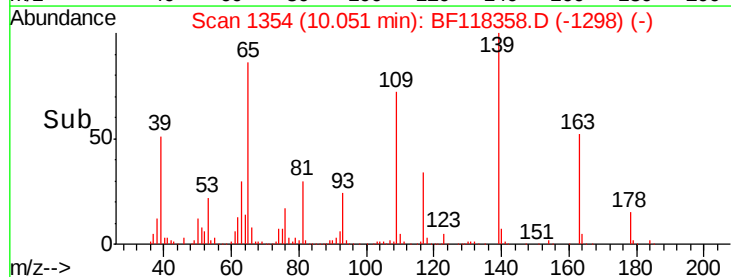
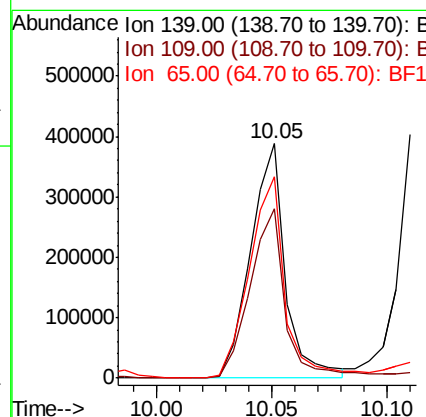
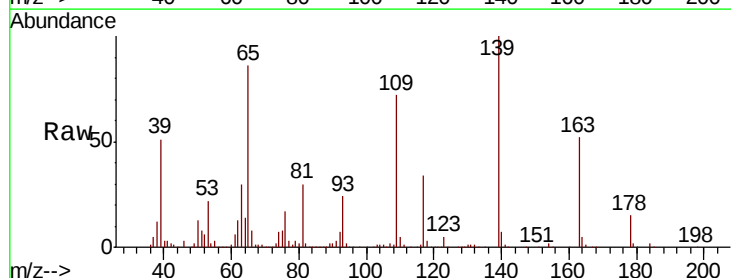
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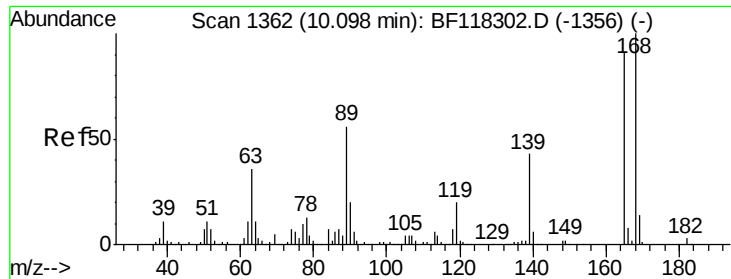
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#56
4-Nitrophenol
Concen: 80.621 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:139 Resp: 408123
Ion Ratio Lower Upper
139 100
109 72.0 59.3 99.3
65 86.0 72.4 112.4





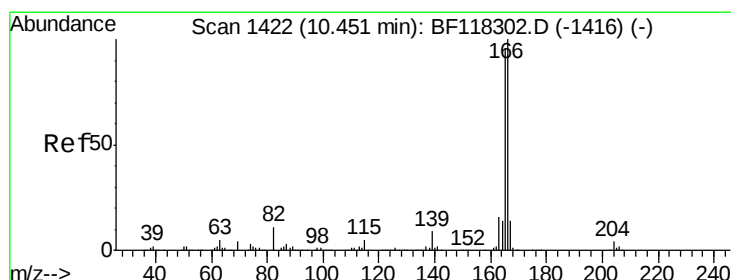
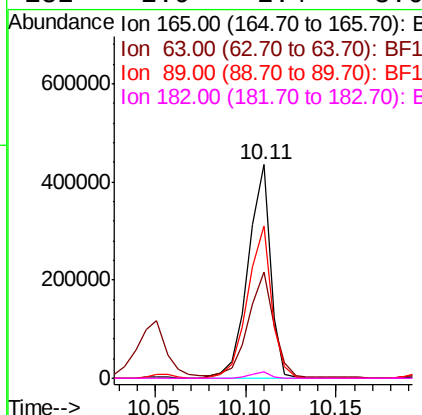
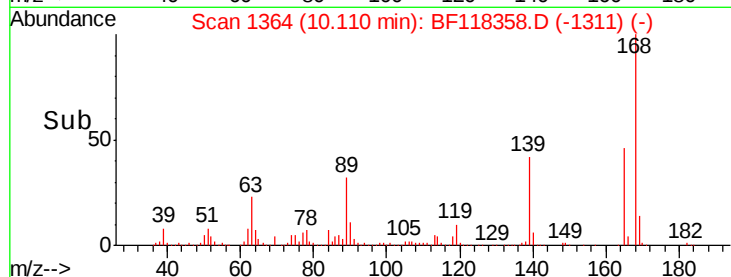
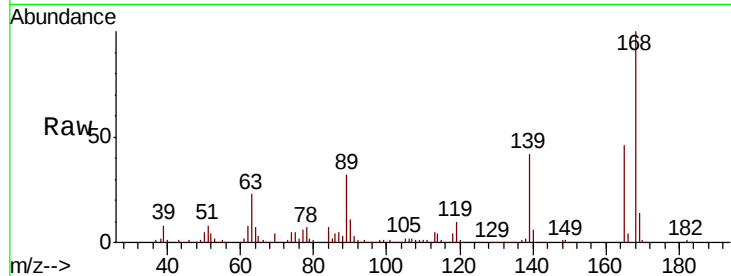
#57
2,4-Dinitrotoluene
Concen: 40.263 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.7	32.0	48.0#
89	71.2	49.3	73.9
182	2.9	2.4	3.6

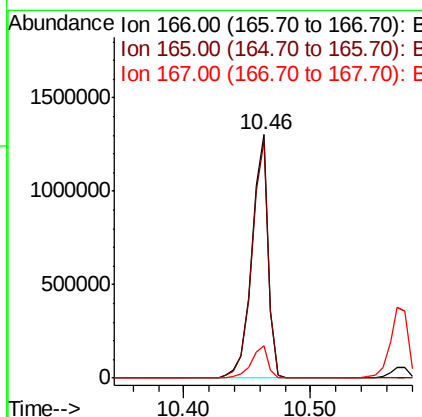
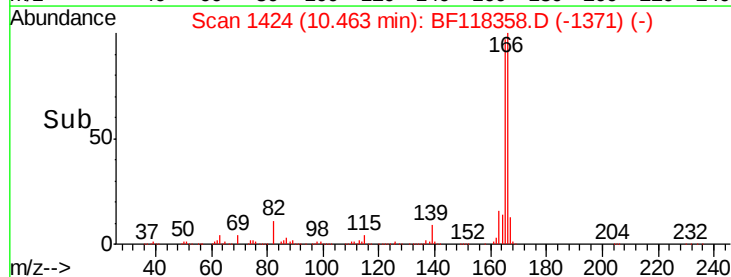
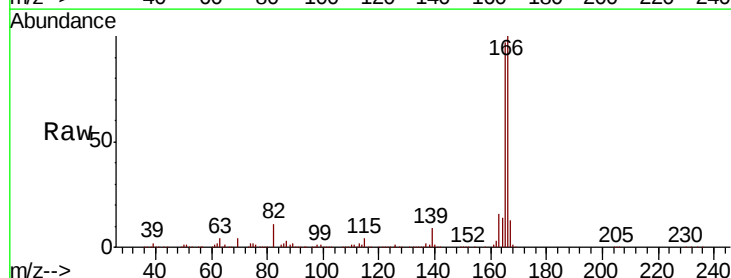
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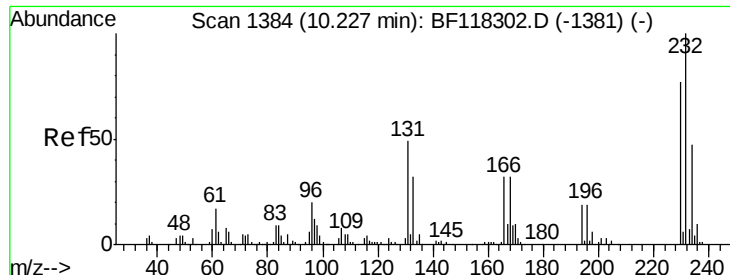
mohammad
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#58
Fluorene
Concen: 39.545 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.3	77.0	115.4
167	13.3	10.9	16.3





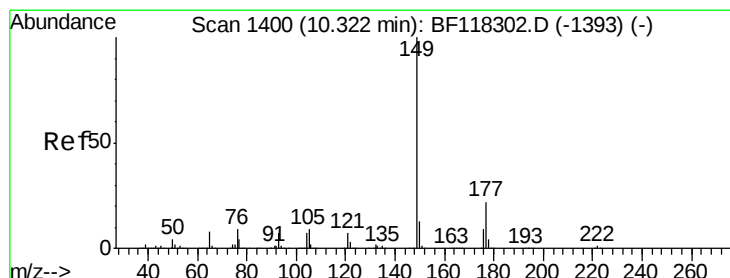
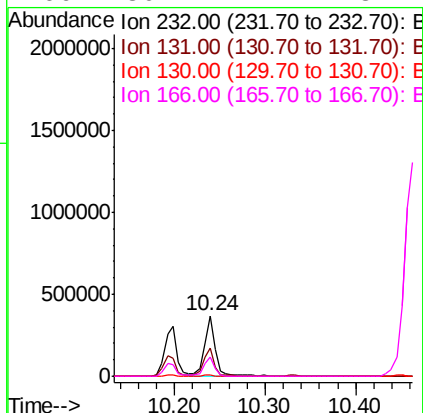
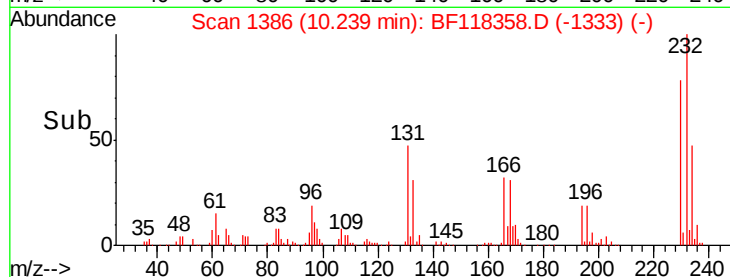
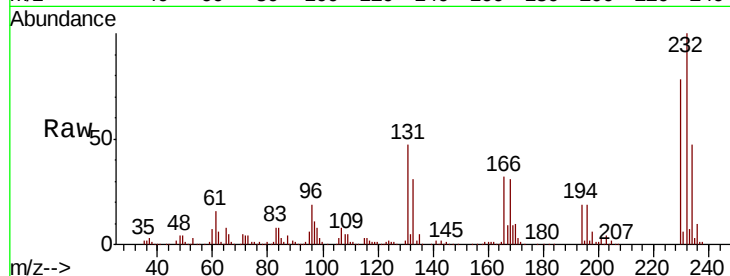
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.595 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	315051		
131	45.7		37.7	56.5
130	2.4		2.0	3.0
166	30.4		24.7	37.1

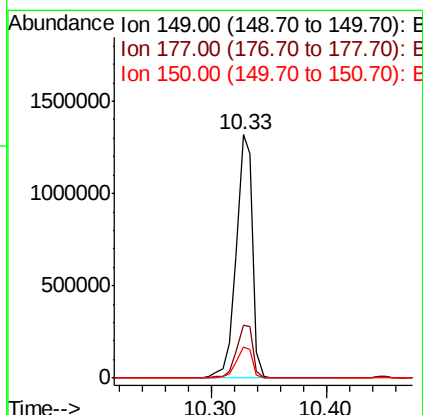
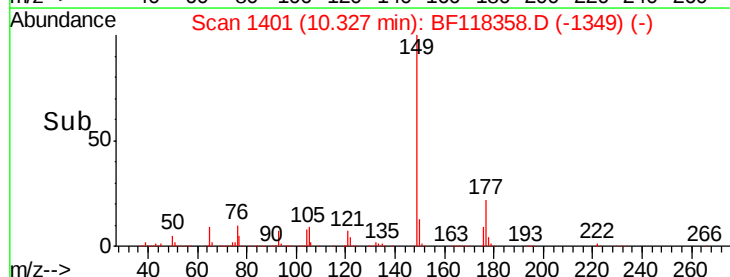
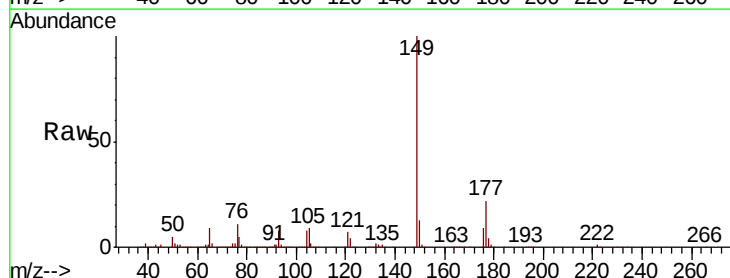
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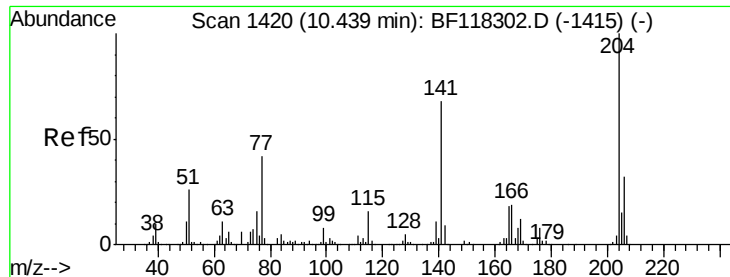
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#60
Diethylphthalate
Concen: 40.039 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1283633		
177	21.7		17.9	26.9
150	13.0		10.2	15.2





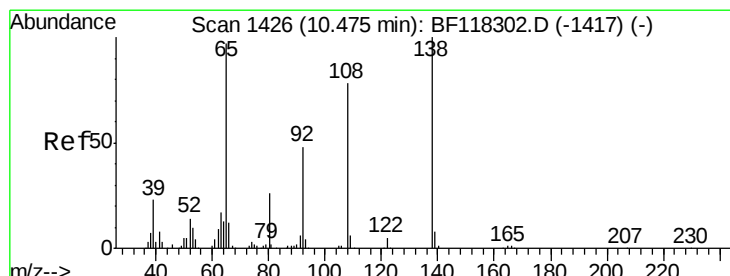
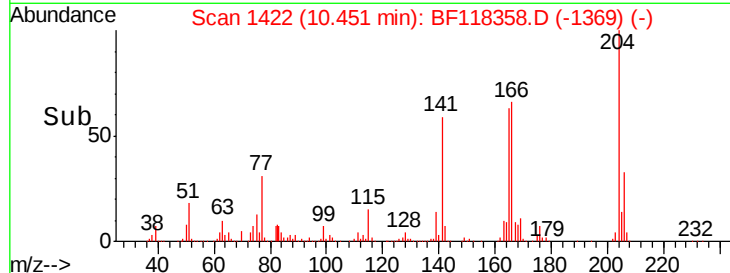
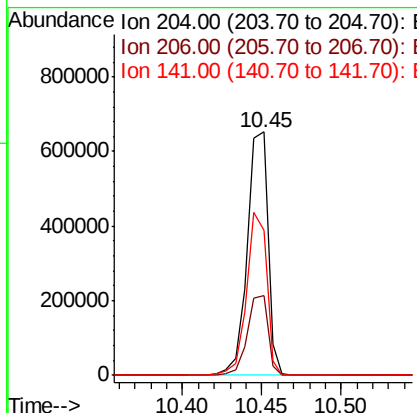
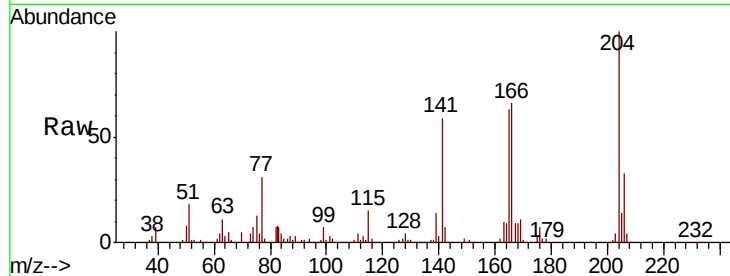
#61
 4-Chlorophenyl-phenylether
 Concen: 40.063 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion:	204	Resp:	592243
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.8	38.8
141	59.4	54.2	81.4

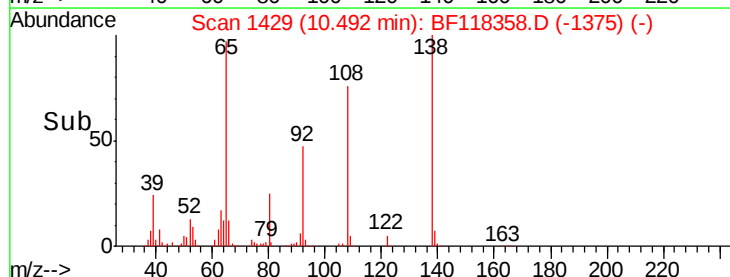
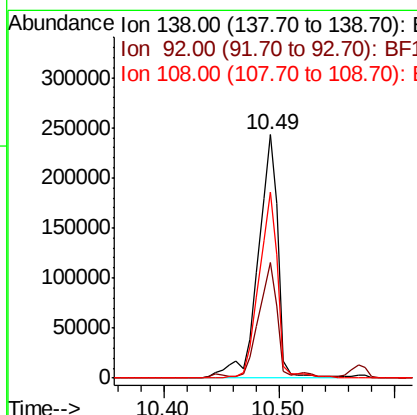
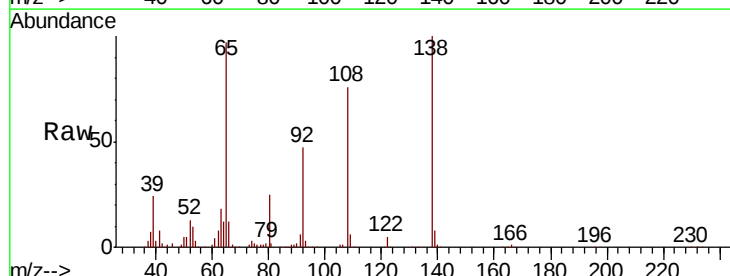
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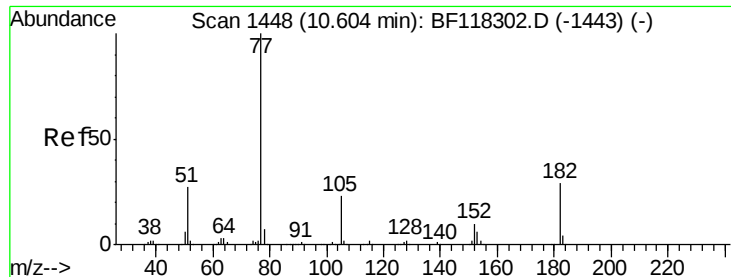
mohammad
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#62
 4-Nitroaniline
 Concen: 34.589 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.02 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:	138	Resp:	294652
Ion Ratio	Lower	Upper	
138	100		
92	47.4	27.9	67.9
108	76.3	58.1	98.1





#63

Azobenzene

Concen: 40.229 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB125767BS

Tot Ion: 77 Resp: 1104698

Ion Ratio Lower Upper

77 100

182 27.6 9.2 49.2

105 23.1 3.2 43.2

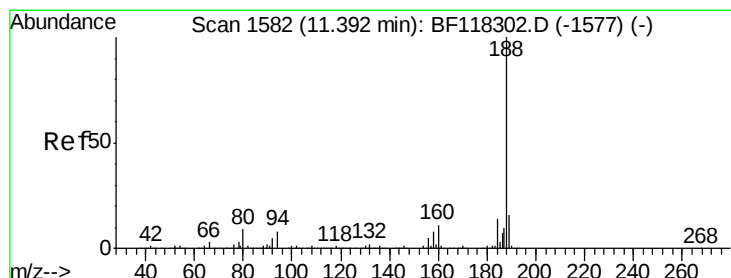
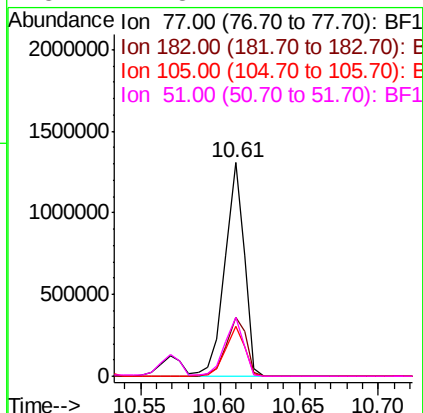
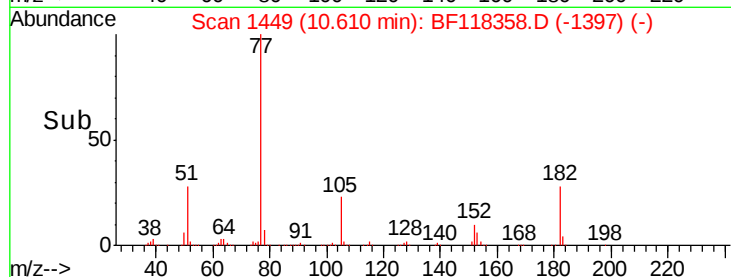
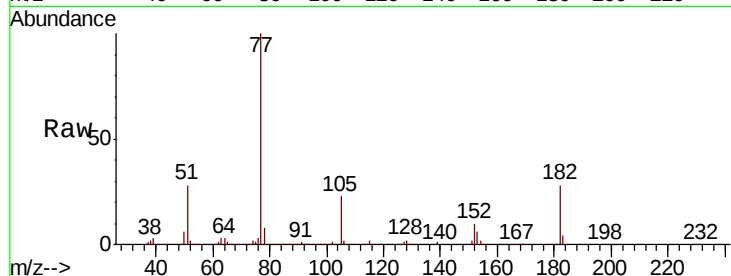
51 27.8 7.1 47.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

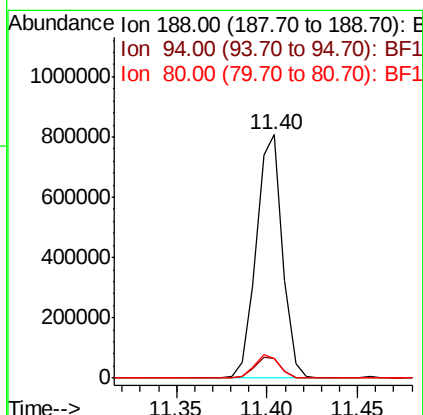
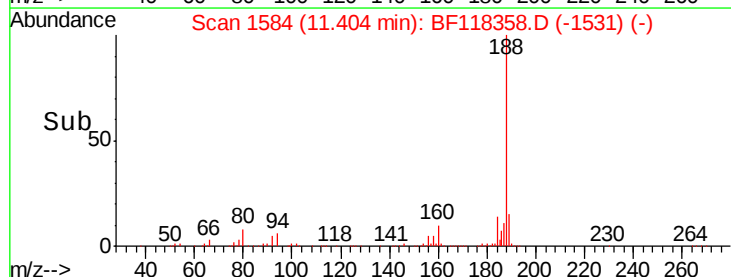
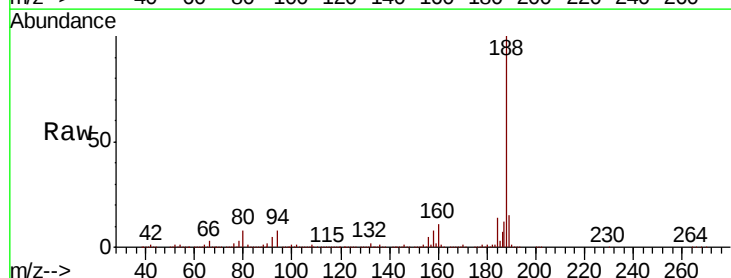
Tgt Ion: 188 Resp: 810146

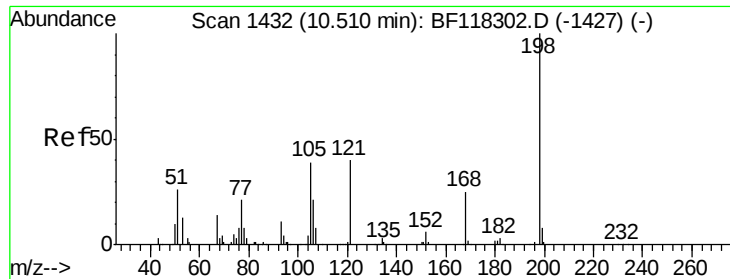
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.1 7.2 10.8





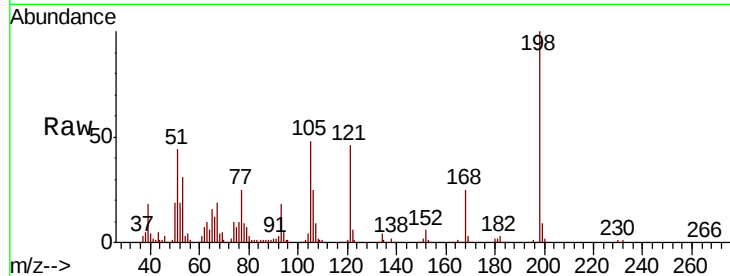
#65
4,6-Dinitro-2-methylphenol
Concen: 46.295 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.8	12.8	52.8
105	47.9	20.3	60.3

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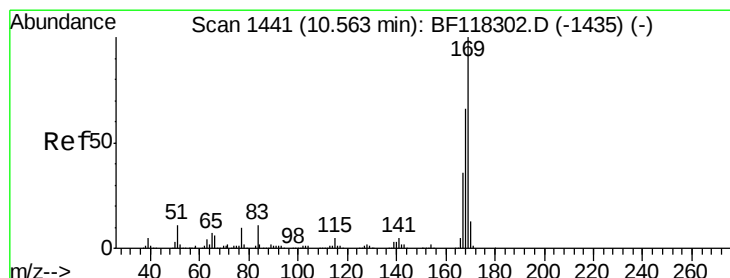
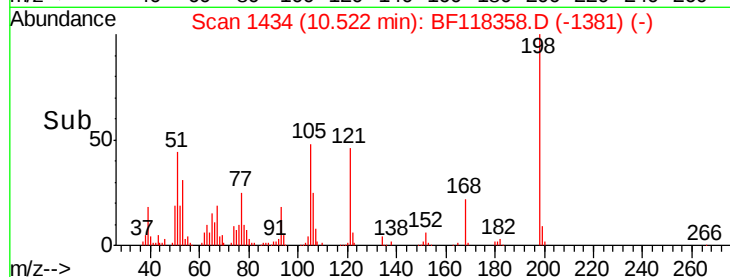
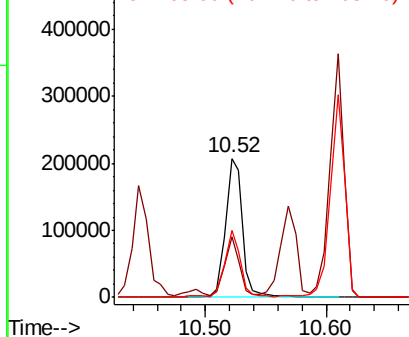


Abundance

Ion 198.00 (197.70 to 198.70): E

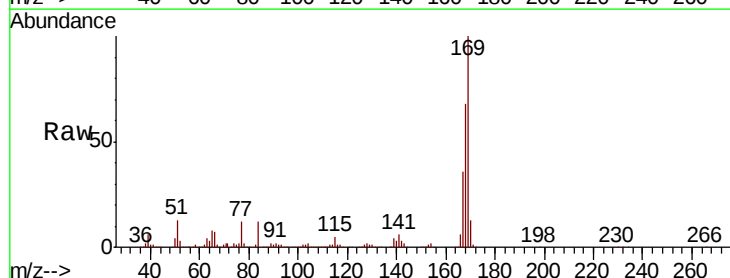
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.722 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.6	79.0
167	35.7	28.4	42.6

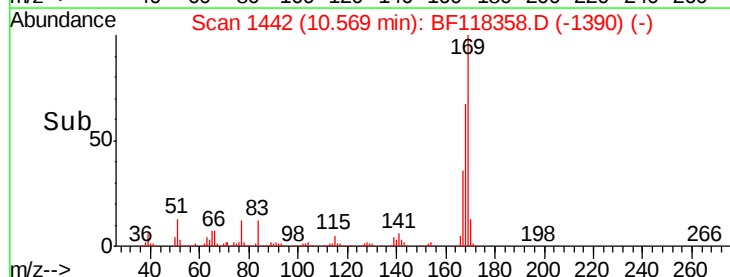
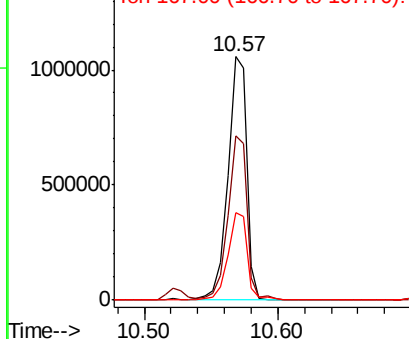


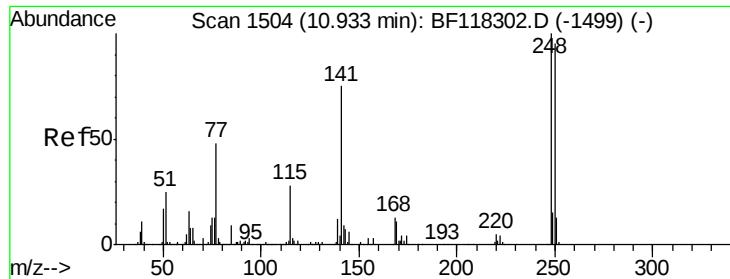
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





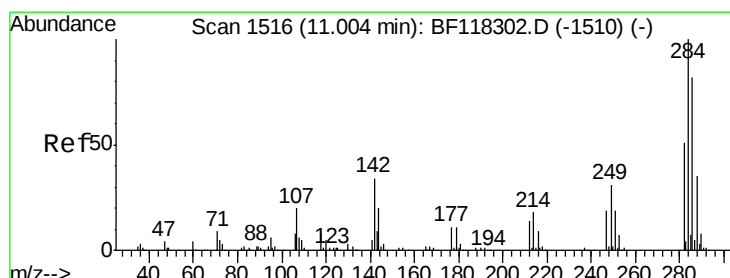
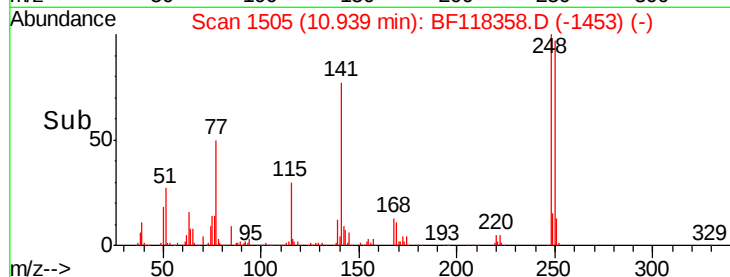
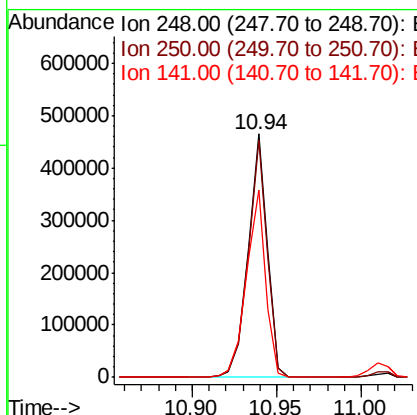
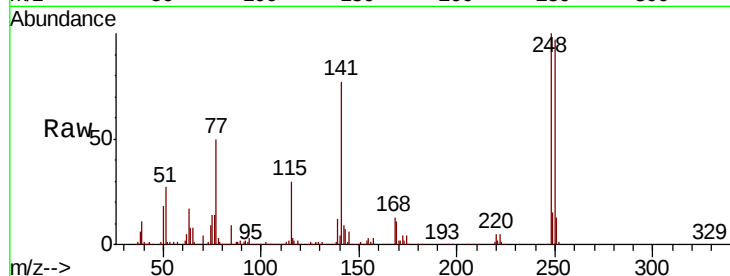
#67
 4-Bromophenyl-phenylether
 Concen: 39.398 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion:	248	Resp:	373533
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.4	114.6
141	77.1	60.2	90.2

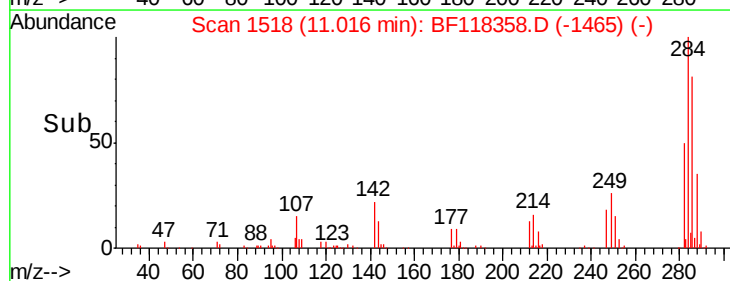
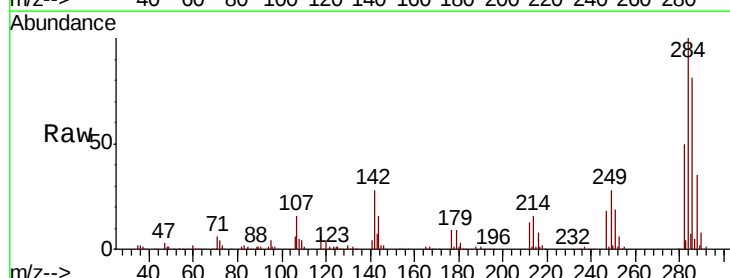
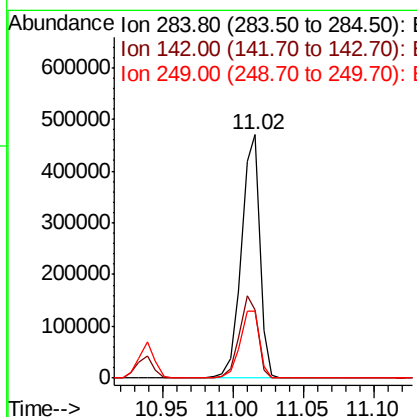
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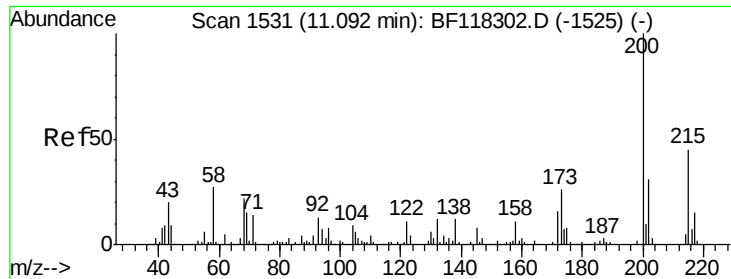
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#68
 Hexachlorobenzene
 Concen: 38.225 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:	284	Resp:	426587
Ion Ratio	Lower	Upper	
284	100		
142	28.0	27.3	40.9
249	27.7	25.0	37.6





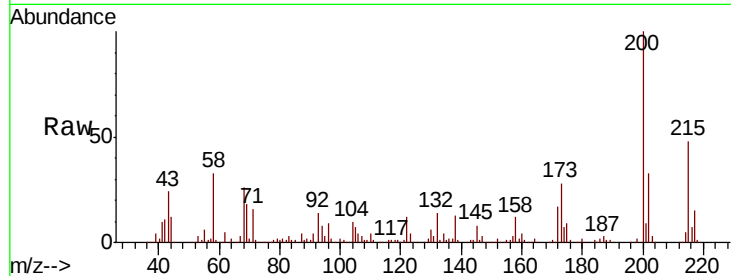
#69
Atrazine
Concen: 44.475 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	5.8	45.8
215	47.6	25.1	65.1

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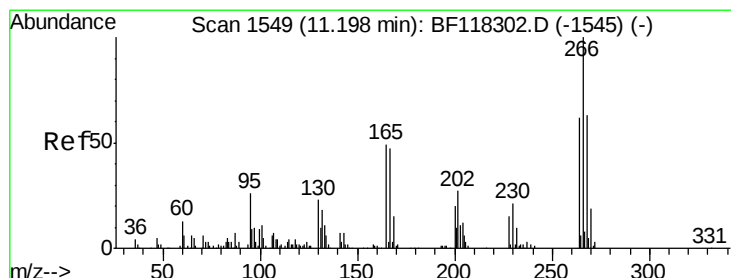
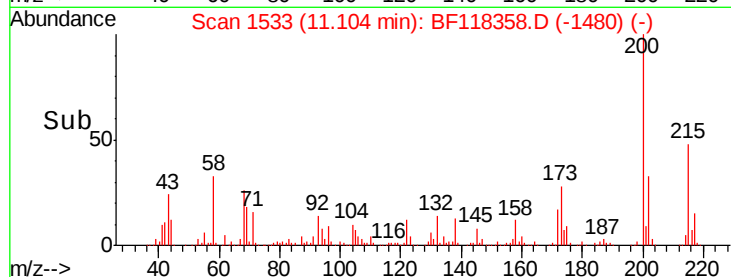
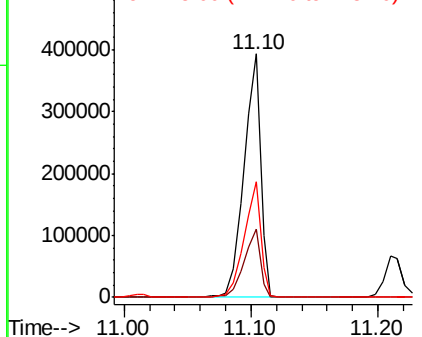


Abundance

Ion 200.00 (199.70 to 200.70): E

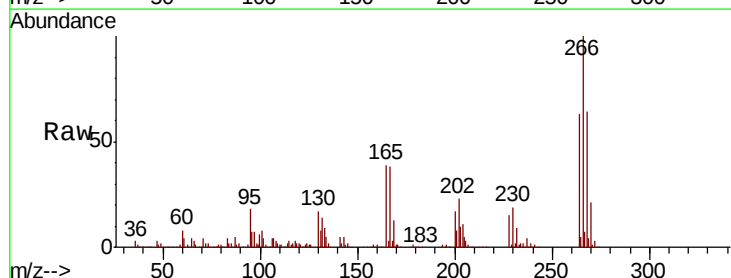
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.745 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	76.0
264	63.0	49.9	74.9

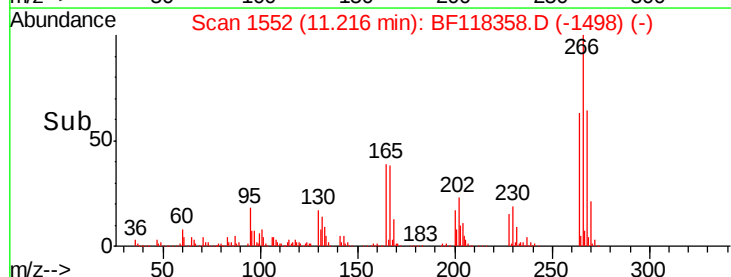
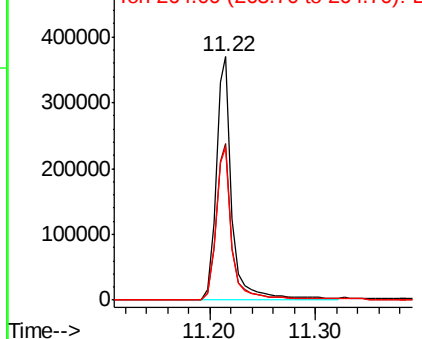


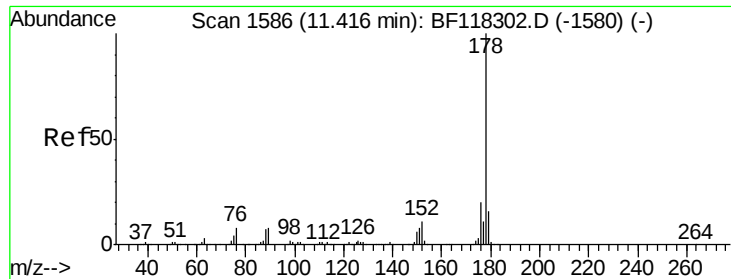
Abundance

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





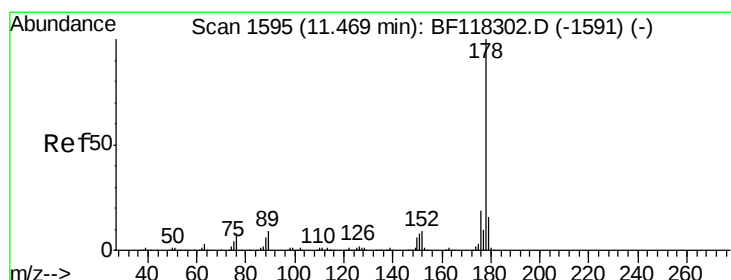
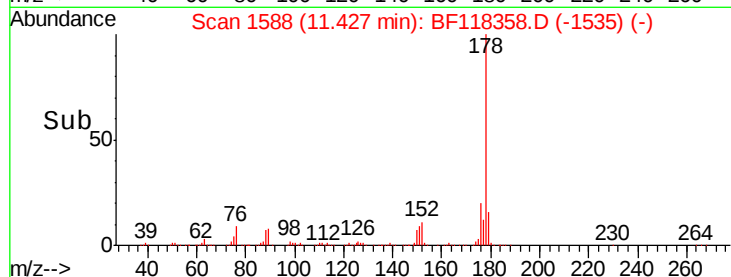
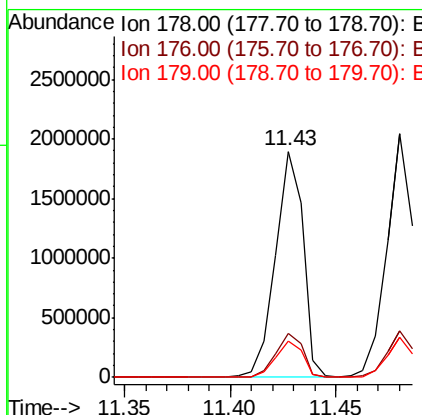
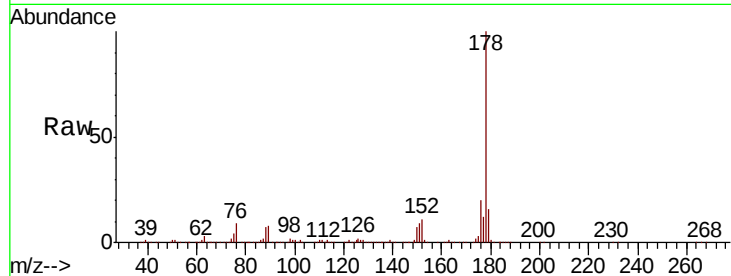
#71
Phenanthrene
Concen: 39.188 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion:178 Resp: 1730732
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.1 12.6 19.0

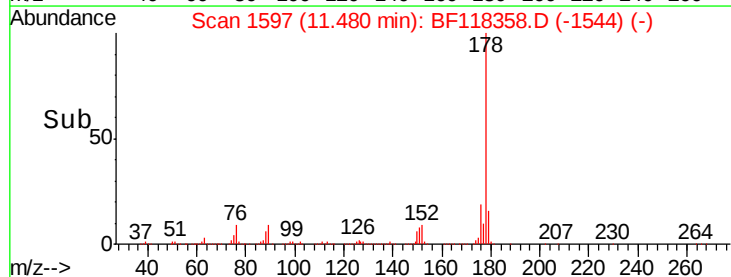
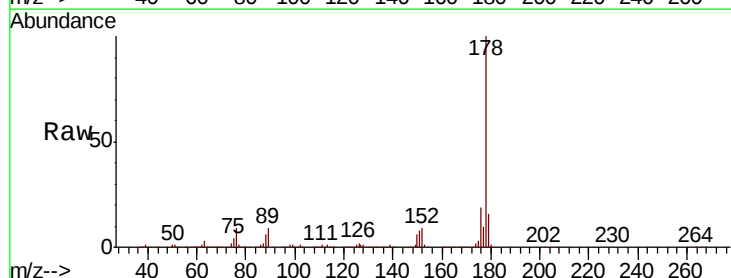
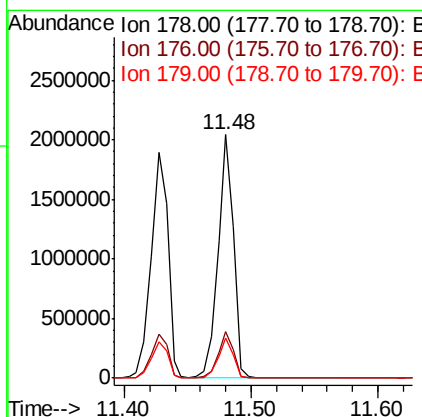
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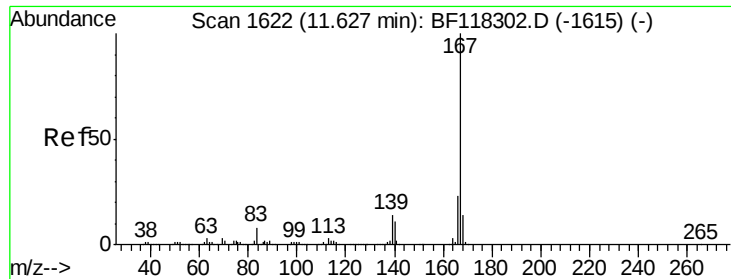
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#72
Anthracene
Concen: 39.940 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:178 Resp: 1765599
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.3 12.9 19.3





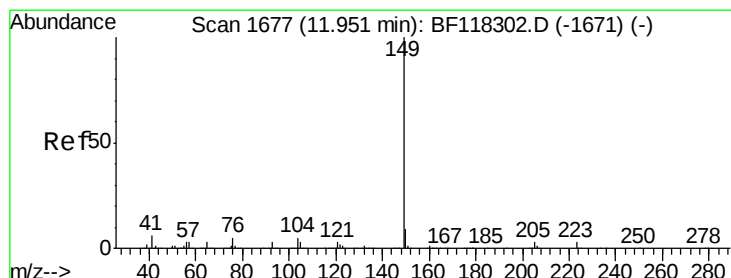
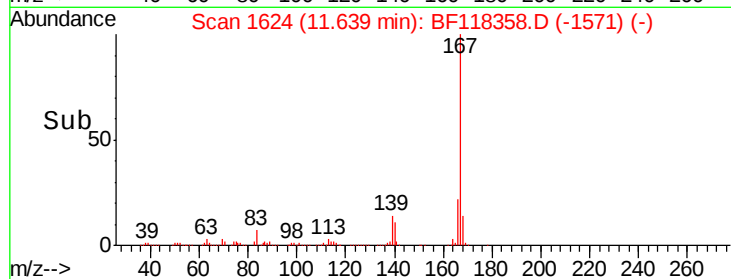
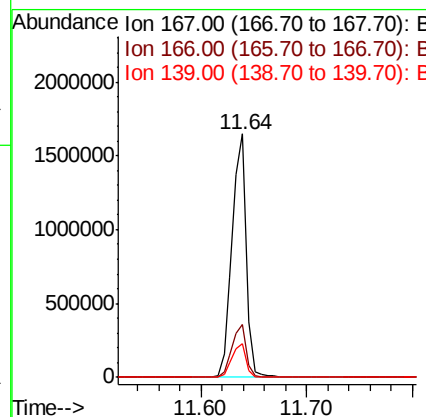
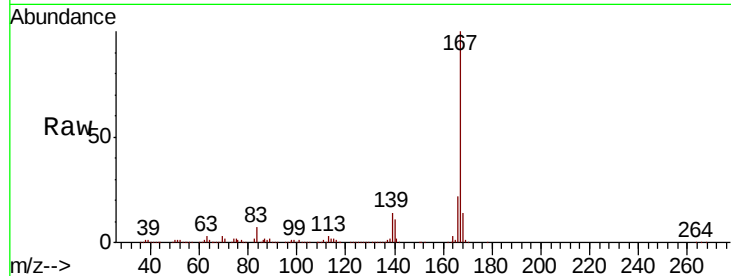
#73
 Carbazole
 Concen: 39.142 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.9	11.5	17.3

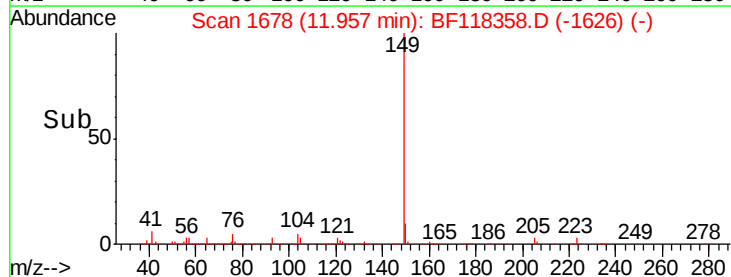
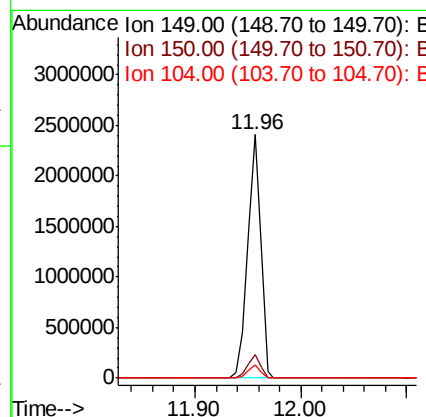
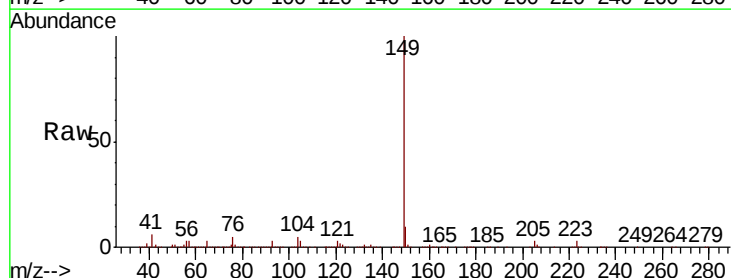
Manual Integrations
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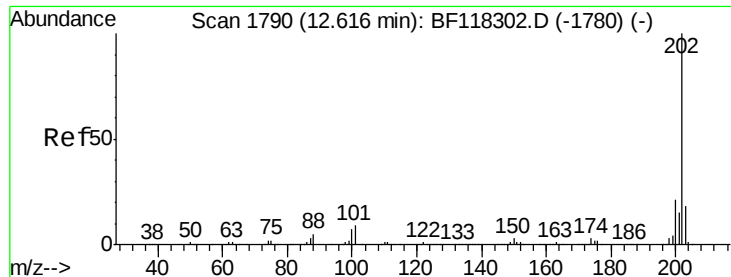
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#74
 Di-n-butylphthalate
 Concen: 40.703 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.2	4.0	6.0





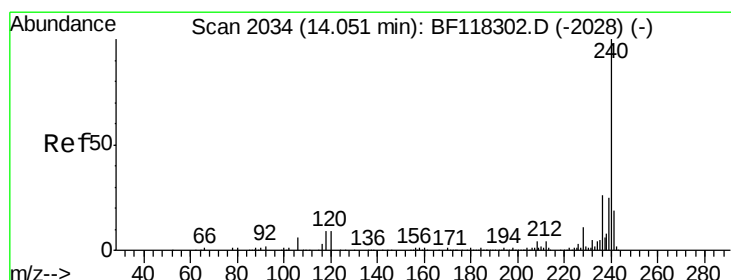
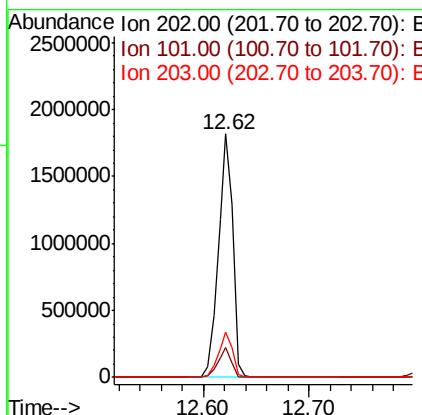
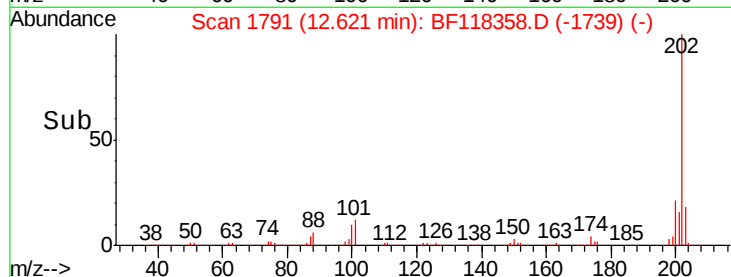
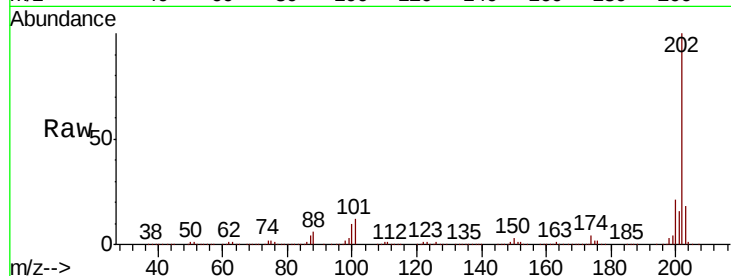
#75
Fluoranthene
Concen: 39.441 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleID :
PB125767BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1757951		
101	12.5		0.0	29.5
203	18.3		0.0	37.6

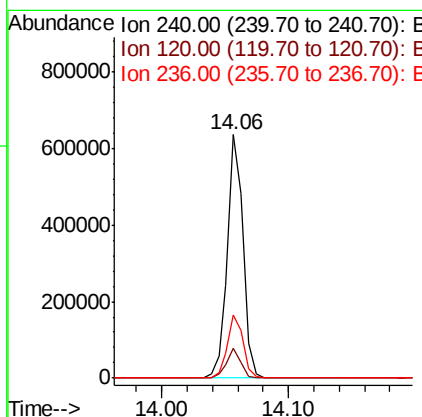
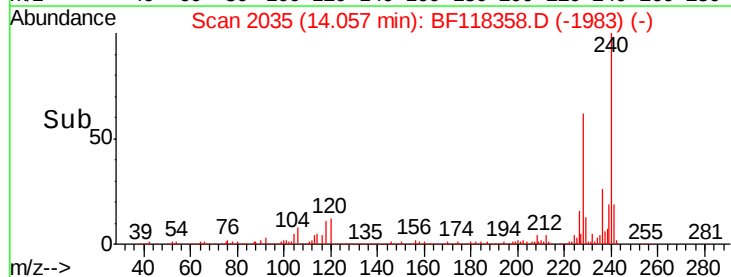
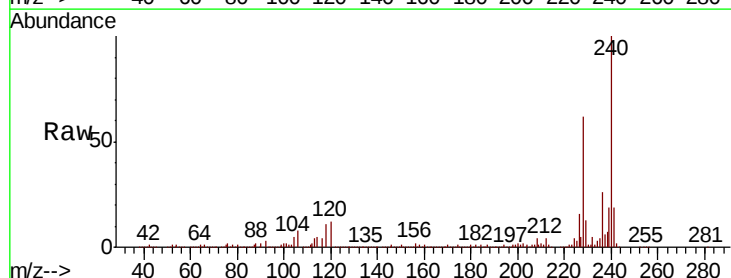
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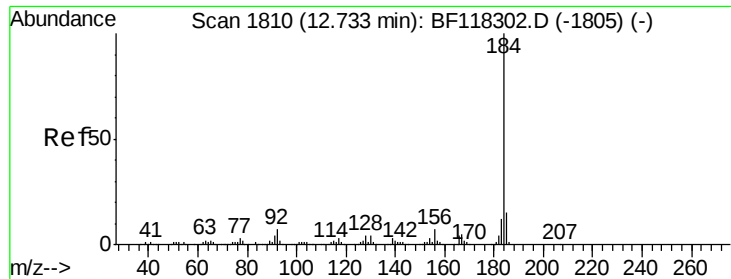
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	543903		
120	12.2		7.1	10.7#
236	25.9		21.0	31.6





#77

Benzidine

Concen: 35.459 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

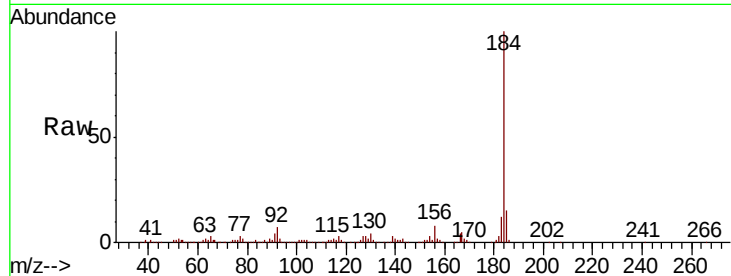
ClientSampleId :

PB125767BS

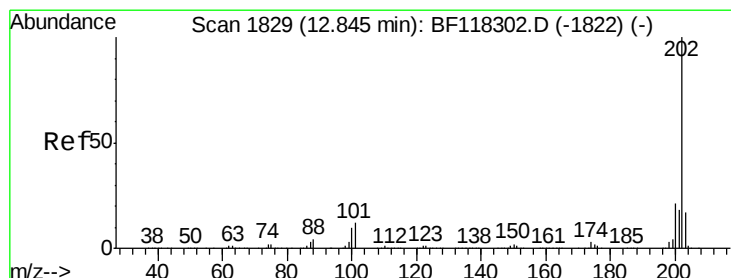
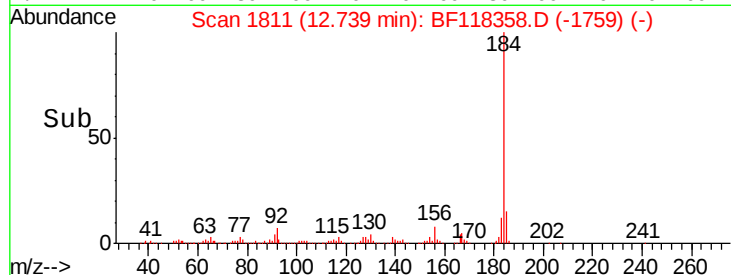
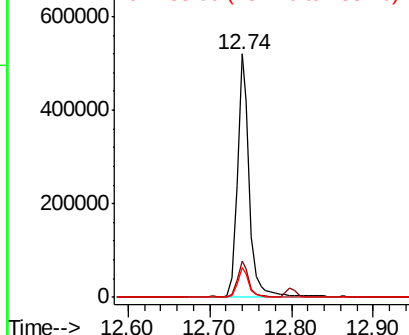
Tot Ion:	184	Resp:	528463
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.3	18.5
183	12.1	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.579 ng

RT: 12.85 min Scan# 1830

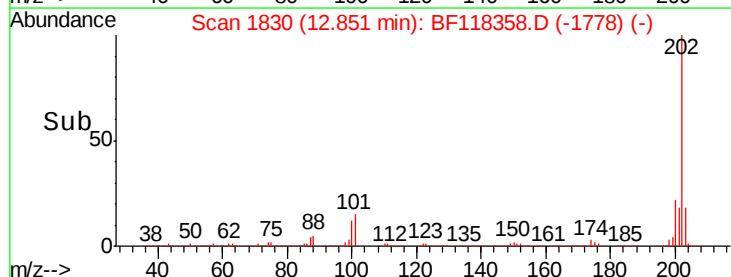
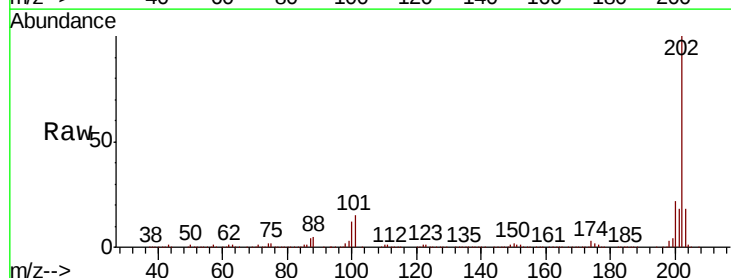
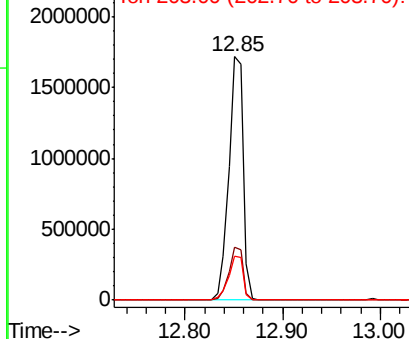
Delta R.T. 0.01 min

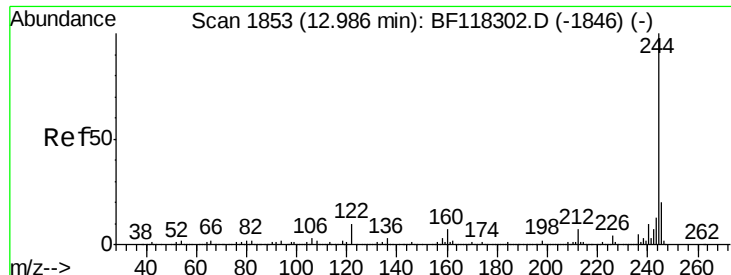
Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion:	202	Resp:	1757914
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.8	25.2
203	18.1	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





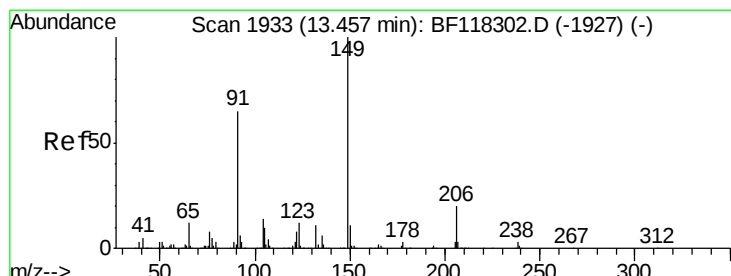
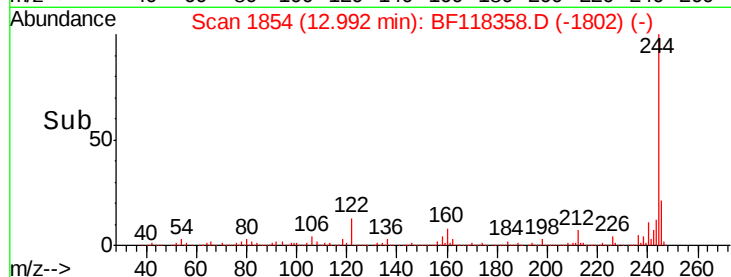
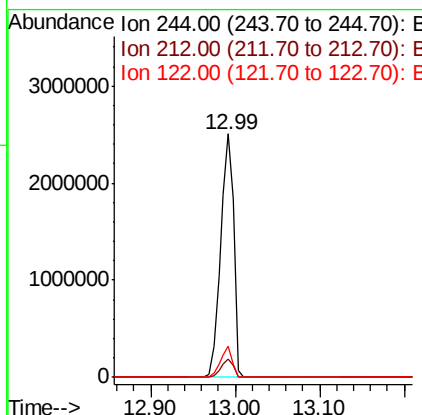
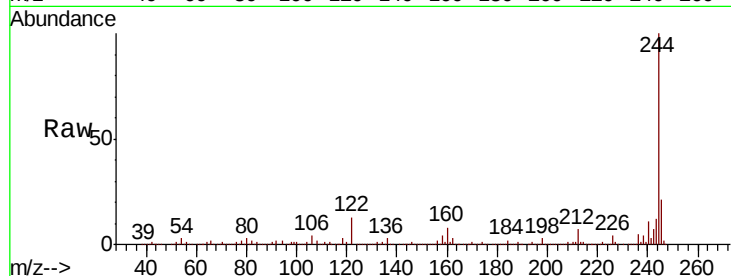
#79
 Terphenyl-d14
 Concen: 83.275 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	12.7	7.8	11.8

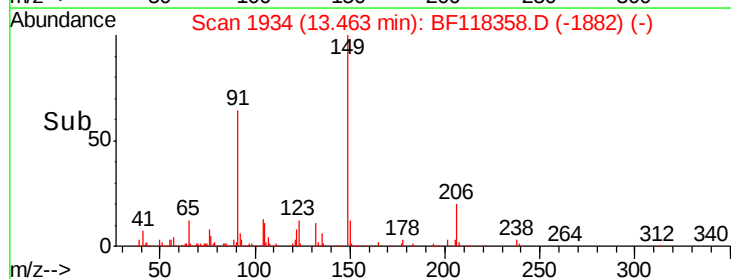
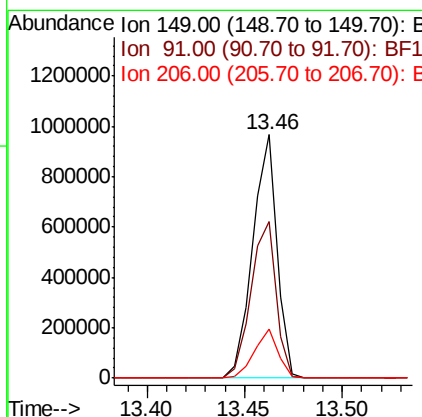
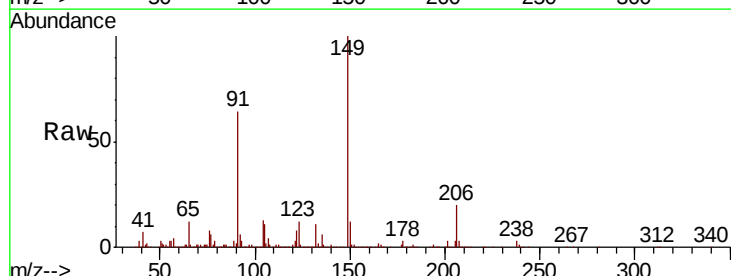
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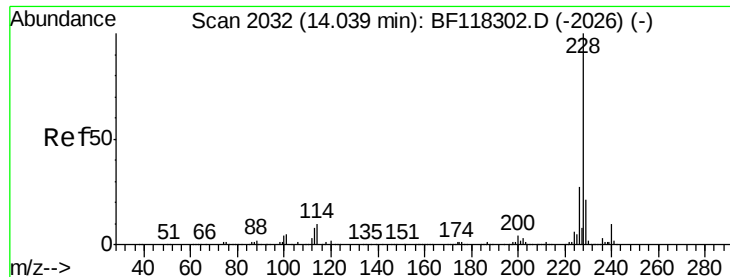
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#80
 Butylbenzylphthalate
 Concen: 41.830 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	51.8	77.6
206	20.0	15.7	23.5





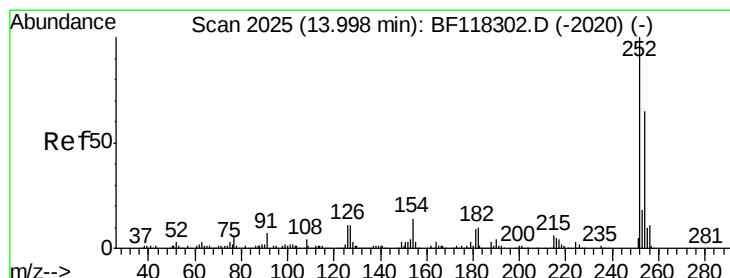
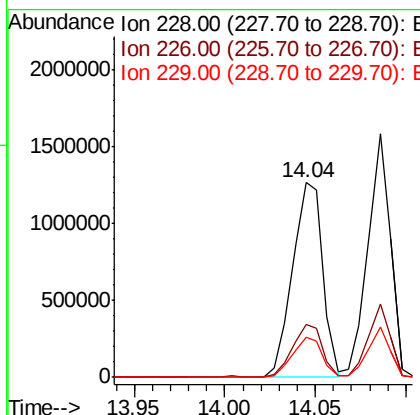
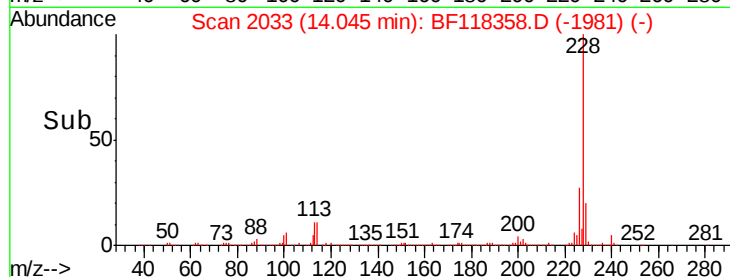
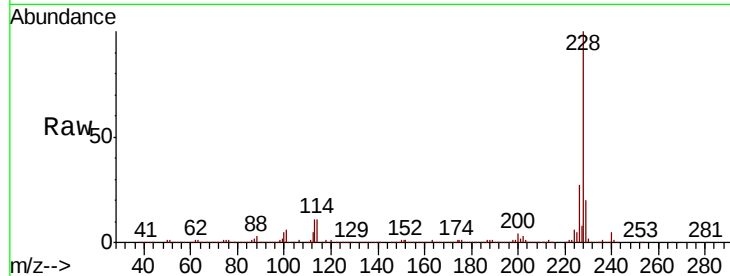
#81
Benzo(a)anthracene
Concen: 38.947 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion:228 Resp: 1482766
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.4 16.6 24.8

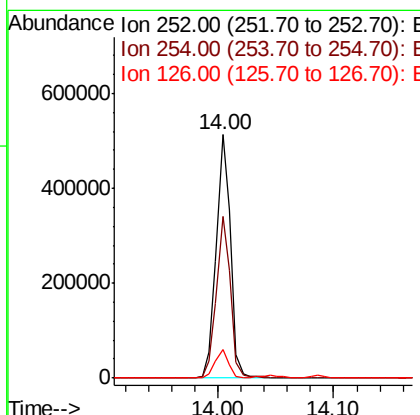
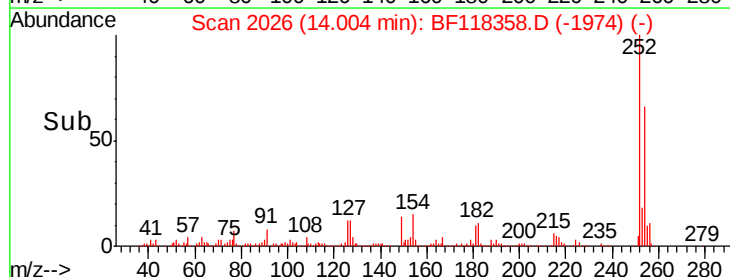
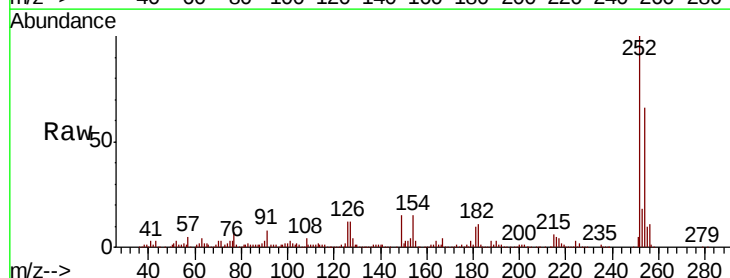
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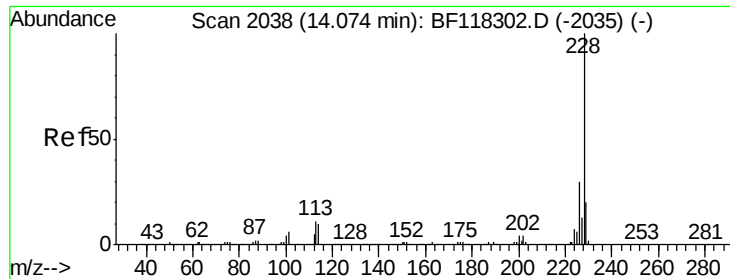
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#82
3,3'-Dichlorobenzidine
Concen: 34.371 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion:252 Resp: 443668
Ion Ratio Lower Upper
252 100
254 66.4 51.8 77.8
126 11.8 8.7 13.1





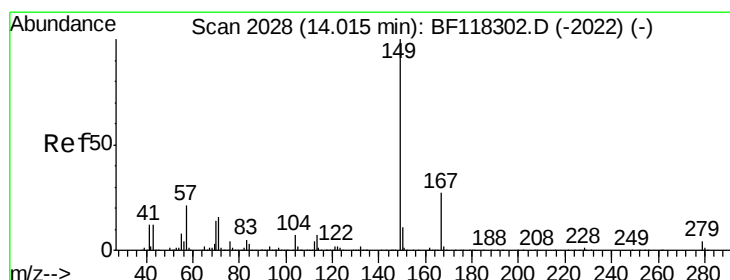
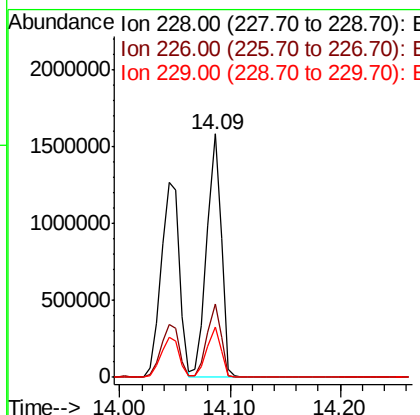
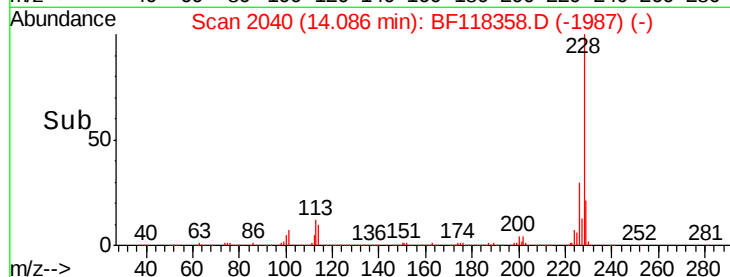
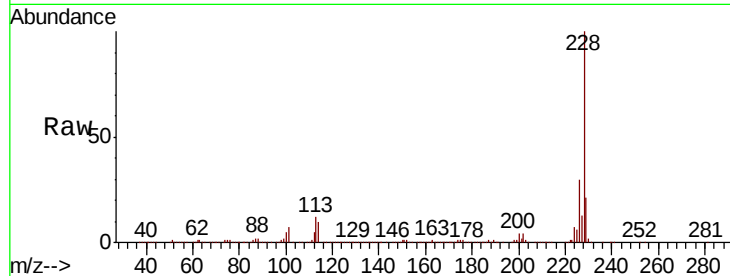
#83
 Chrysene
 Concen: 38.018 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BS

Tot Ion:228 Resp: 1385920
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 20.5 16.1 24.1

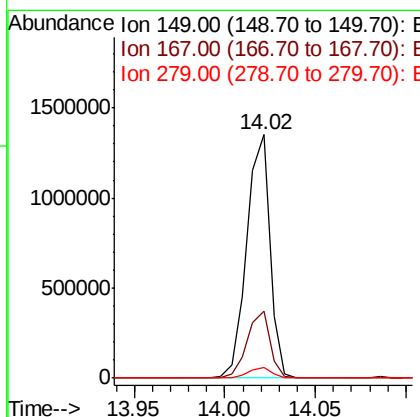
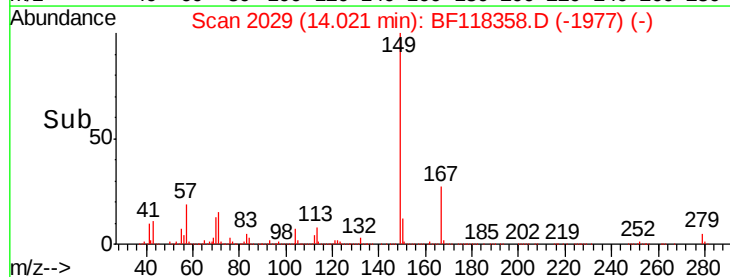
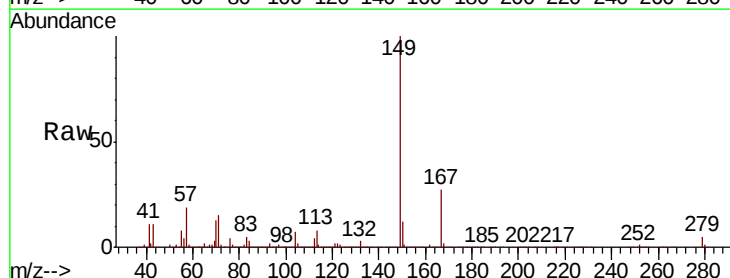
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.953 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118358.D
 Acq: 28 Dec 2019 11:50

Tgt Ion:149 Resp: 1208412
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.427 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB125767BS

Tot Ion:149 Resp: 1834538

Ion Ratio Lower Upper

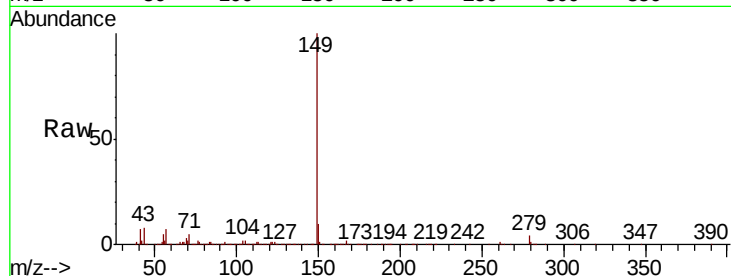
149 100

167 1.6 1.2 1.8

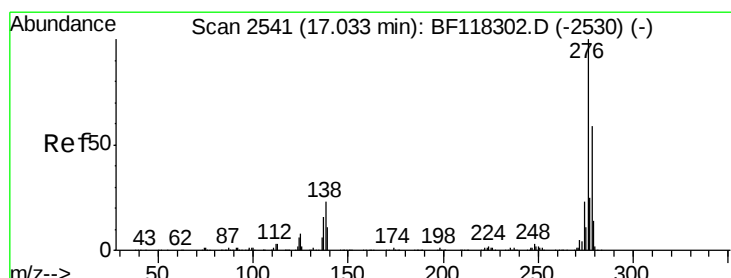
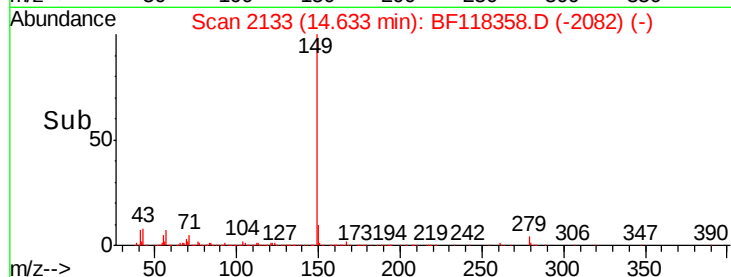
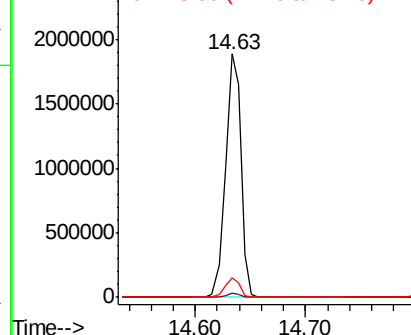
43 7.6 6.1 9.1

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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: 36.159 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

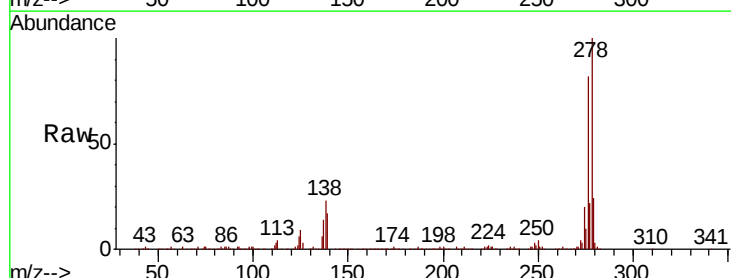
Tgt Ion:276 Resp: 1123155

Ion Ratio Lower Upper

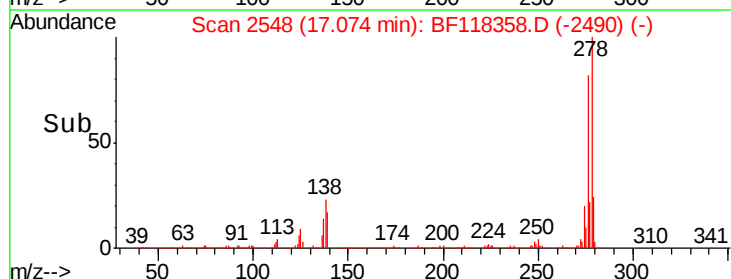
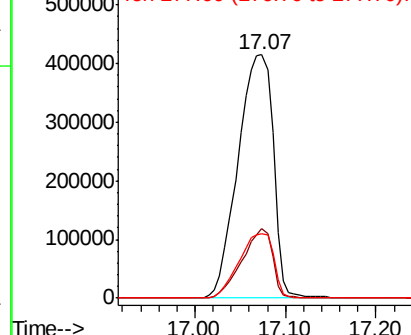
276 100

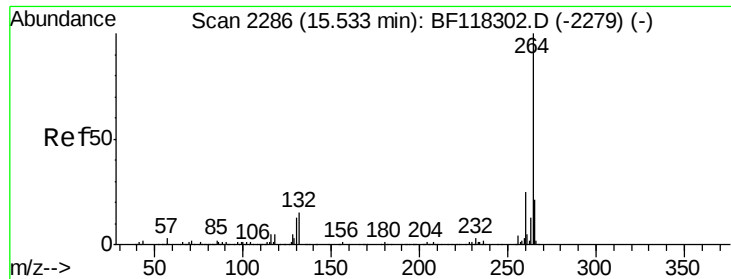
138 24.7 19.5 29.3

277 26.1 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: BF118358.D

Acq: 28 Dec 2019 11:50

Instrument :

BNA_F

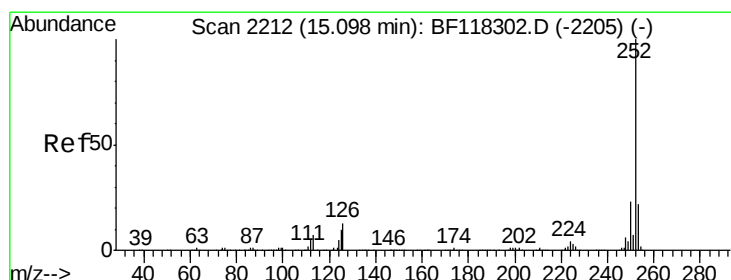
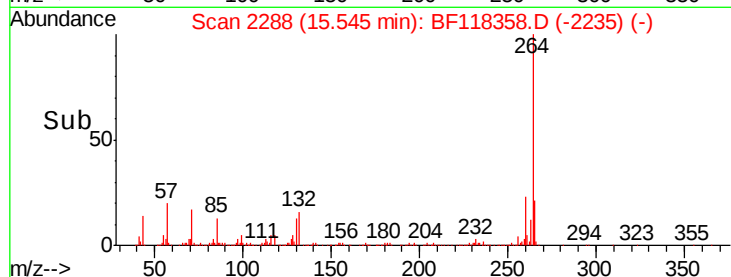
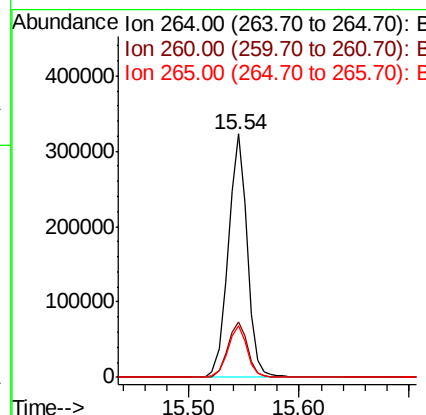
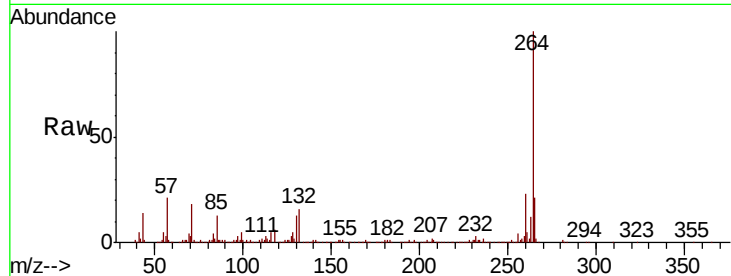
ClientSampleId :

PB125767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	22.6	19.8	29.6		
265	21.3	17.0	25.4		

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#88

Benzo(b)fluoranthene

Concen: 50.302 ng

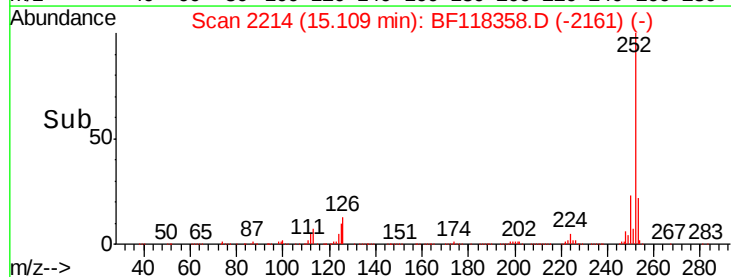
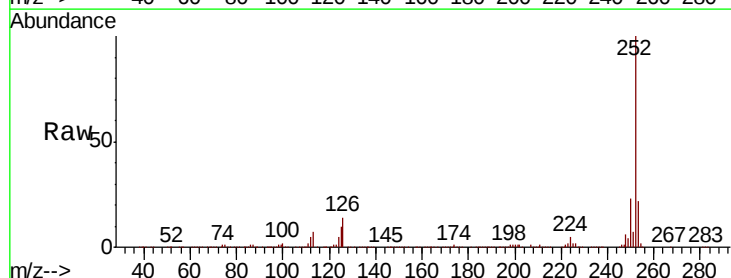
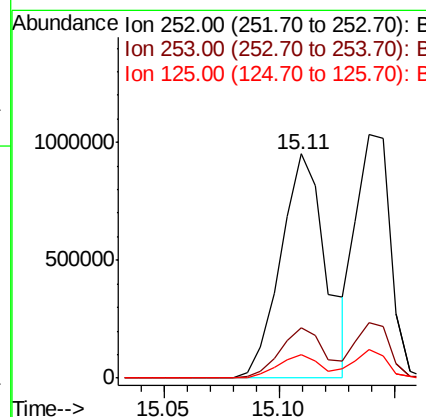
RT: 15.11 min Scan# 2214

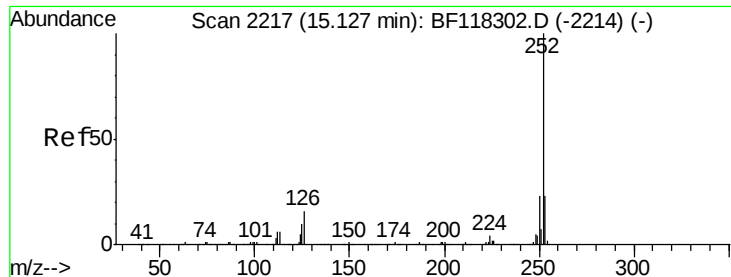
Delta R.T. 0.01 min

Lab File: BF118358.D

Acq: 28 Dec 2019 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.2	17.5	26.3		
125	10.5	7.7	11.5		





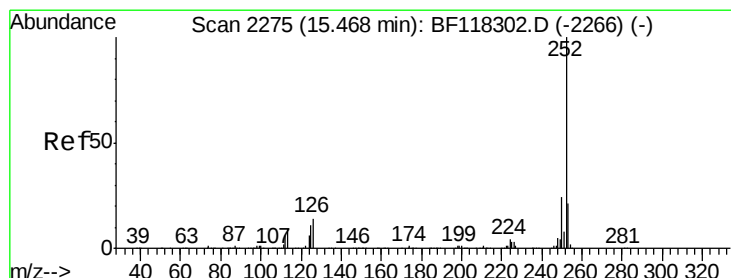
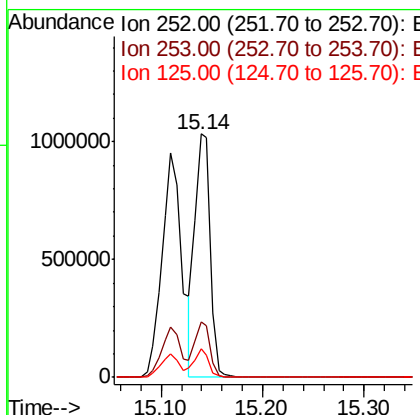
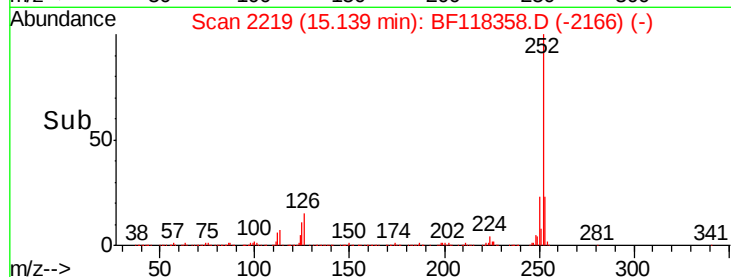
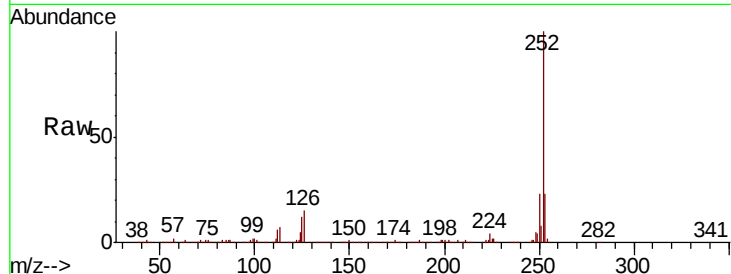
#89
Benzo(k)fluoranthene
Concen: 43.741 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	18.0	27.0	
125	11.6	8.0	12.0	

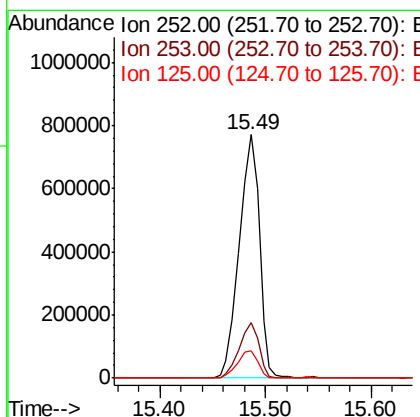
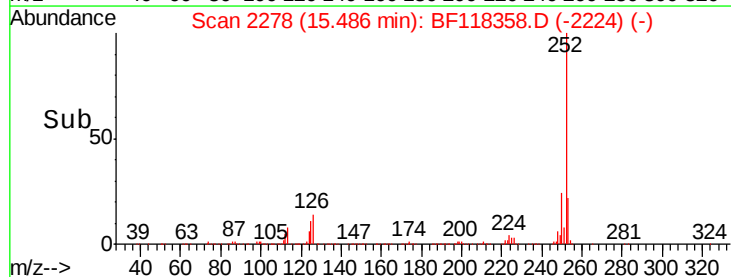
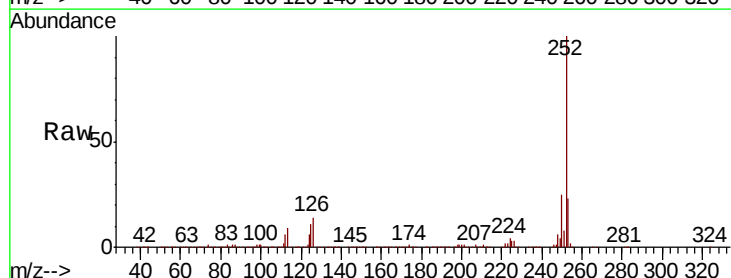
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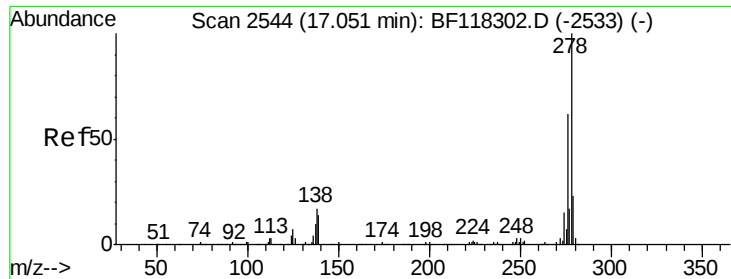
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#90
Benzo(a)pyrene
Concen: 44.912 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.5	17.0	25.6	
125	11.3	9.0	13.4	





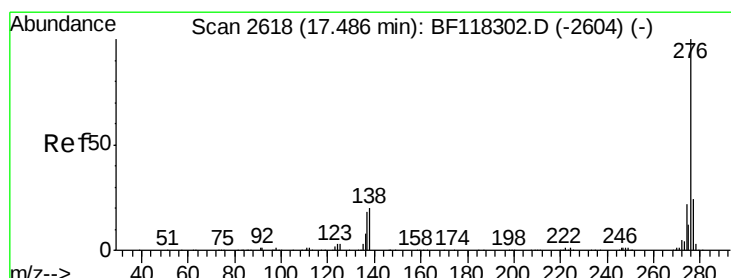
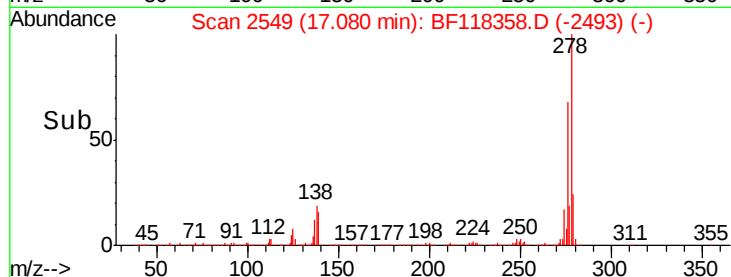
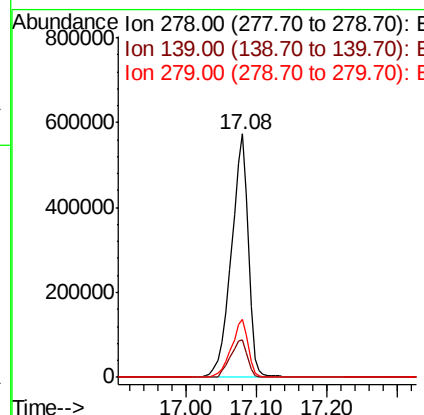
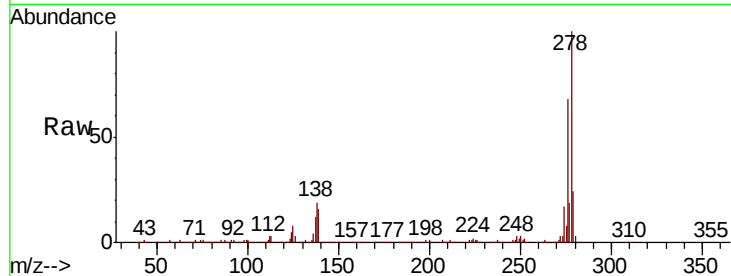
#91
Dibenzo(a,h)anthracene
Concen: 48.750 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB125767BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.9	18.3	27.5

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#92
Benzo(g,h,i)perylene
Concen: 48.804 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118358.D
Acq: 28 Dec 2019 11:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	20.4	16.1	24.1

