

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118636.D
 Acq On : 21 Jan 2020 15:46
 Operator : CG/JU
 Sample : PB126132BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Manual Integrations
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 1/22/2020 1:36:18 PM

Quant Time: Jan 21 18:18:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	398795	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1458504	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	846432	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1570216	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1186208	20.00	ng	0.00
87) Perylene-d12	15.52	264	1050472	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2666894	124.20	ng	0.01
7) Phenol-d6	6.52	99	3433960	123.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	1955284	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1240621	126.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3823249	74.24	ng	0.00
79) Terphenyl-d14	12.99	244	4286788	78.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	426322	40.992	ng	98
3) Pyridine	3.51	79	1055009	35.991	ng	99
4) n-Nitrosodimethylamine	3.45	42	488957	38.908	ng	88
6) Aniline	6.54	93	1249085	33.990	ng	98
8) 2-Chlorophenol	6.67	128	1077593	44.711	ng	99
9) Benzaldehyde	6.43	77	585007	34.467	ng	95
10) Phenol	6.53	94	1345243	42.297	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1009240	42.769	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1173821	41.611	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1199592	42.363	ng	100
14) 1,2-Dichlorobenzene	7.05	146	1143570	42.960	ng	99
15) Benzyl Alcohol	7.02	79	972596	43.945	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1323952	40.281	ng	100
17) 2-Methylphenol	7.13	107	902059	44.933	ng	99
18) Hexachloroethane	7.40	117	419078	40.814	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	787179	41.772	ng	99
20) 3+4-Methylphenols	7.28	107	1098140	44.803	ng	92
22) Acetophenone	7.29	105	1415162	40.959	ng	# 94
24) Nitrobenzene	7.46	77	1131038	42.362	ng	100
25) Isophorone	7.70	82	2087627	43.894	ng	99
26) 2-Nitrophenol	7.77	139	536229	47.096	ng	97
27) 2,4-Dimethylphenol	7.82	122	1025802	52.174	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1292588	42.179	ng	99
29) 2,4-Dichlorophenol	8.02	162	976495	44.929	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1061409	42.118	ng	99
31) Naphthalene	8.19	128	3004391	45.600	ng	99
32) Benzoic acid	7.93	122	612201	41.489	ng	98
33) 4-Chloroaniline	8.23	127	682763	22.421	ng	99
34) Hexachlorobutadiene	8.31	225	620324	40.421	ng	100
35) Caprolactam	8.59	113	301993m	42.459	ng	
36) 4-Chloro-3-methylphenol	8.71	107	958226	44.646	ng	97
37) 2-Methylnaphthalene	8.88	142	2145594	46.136	ng	99
38) 1-Methylnaphthalene	8.97	142	2012418	45.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1067530	40.308	ng	98

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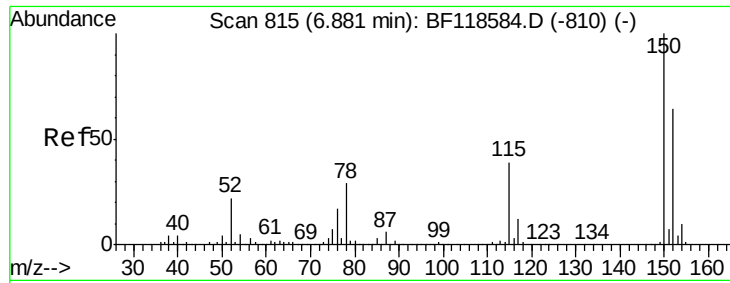
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1246615	93.294	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	746707	42.488	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	777022	43.291	nq	99
46) 1,1'-Biphenyl	9.34	154	2532805	43.418	nq	98
47) 2-Chloronaphthalene	9.37	162	2039229	41.473	nq	97
48) 2-Nitroaniline	9.46	65	585047	38.707	nq	94
49) Acenaphthylene	9.79	152	3125267	45.181	nq	98
50) Dimethylphthalate	9.64	163	2364954	42.885	nq	99
51) 2,6-Dinitrotoluene	9.70	165	534039	43.246	nq	91
52) Acenaphthene	9.96	154	2120764	45.851	nq	99
53) 3-Nitroaniline	9.86	138	358305	25.411	nq	97
54) 2,4-Dinitrophenol	9.97	184	451567	91.597	nq	# 37
55) Dibenzofuran	10.13	168	2865238	44.700	nq	98
56) 4-Nitrophenol	10.03	139	951450	89.383	nq	92
57) 2,4-Dinitrotoluene	10.10	165	687414	44.157	nq	96
58) Fluorene	10.47	166	2201534	43.750	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	679329	43.031	nq	99
60) Diethylphthalate	10.35	149	2267105	42.401	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1169971	42.749	nq	98
62) 4-Nitroaniline	10.49	138	560503	38.752	nq	95
63) Azobenzene	10.62	77	2226296	42.994	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	334985	48.516	nq	84
66) n-Nitrosodiphenylamine	10.58	169	2025341	42.770	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	795199	40.991	nq	98
68) Hexachlorobenzene	11.02	284	886961	40.328	nq	95
69) Atrazine	11.10	200	745470	45.419	nq	99
70) Pentachlorophenol	11.22	266	1001304	81.884	nq	98
71) Phenanthrene	11.43	178	3215165	42.442	nq	99
72) Anthracene	11.49	178	3301084	44.039	nq	98
73) Carbazole	11.63	167	2936465	42.710	nq	99
74) Di-n-butylphthalate	11.96	149	3325436	43.534	nq	100
75) Fluoranthene	12.62	202	3434889	42.991	nq	99
77) Benzidine	12.73	184	2013368	63.524	nq	99
78) Pyrene	12.85	202	3476894	43.174	nq	98
80) Butylbenzylphthalate	13.46	149	1433972	43.508	nq	97
81) Benzo(a)anthracene	14.03	228	3101953	43.471	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	665223	26.162	nq	98
83) Chrysene	14.07	228	2925942	42.784	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1814093	45.052	nq	99
85) Di-n-octyl phthalate	14.64	149	2775614	46.569	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2470021	41.567	nq	99
88) Benzo(b)fluoranthene	15.09	252	2839981	43.011	nq	99
89) Benzo(k)fluoranthene	15.12	252	2476116	40.477	nq	99
90) Benzo(a)pyrene	15.46	252	2336230	41.016	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	2060599	40.898	nq	98
92) Benzo(g,h,i)perylene	17.44	276	2036598	41.631	nq	99

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



#1

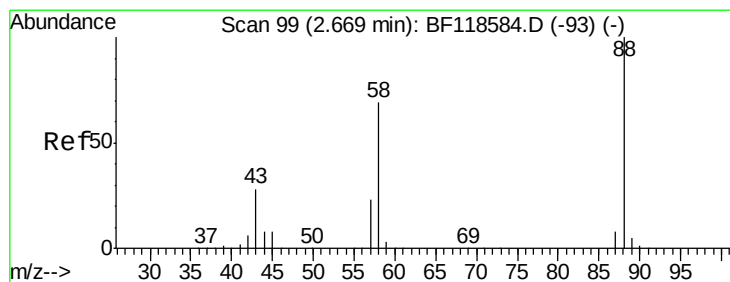
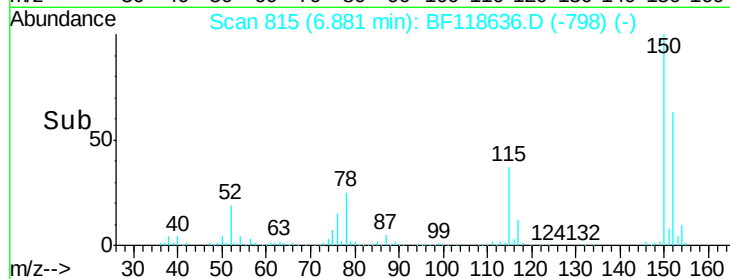
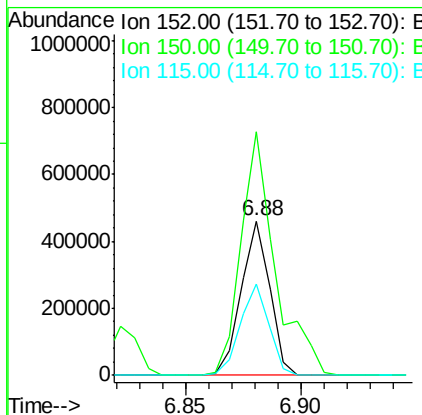
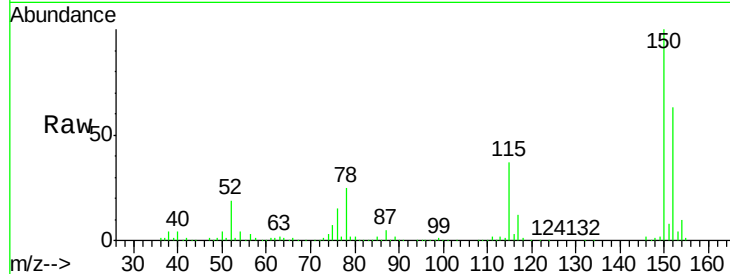
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	59.1	48.4	72.6

Manual Integrations
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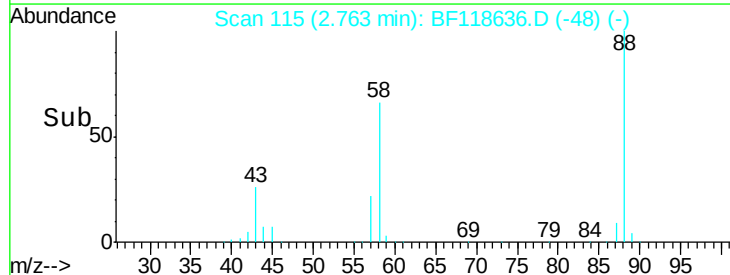
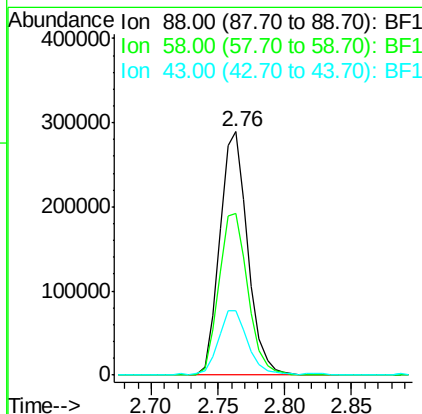
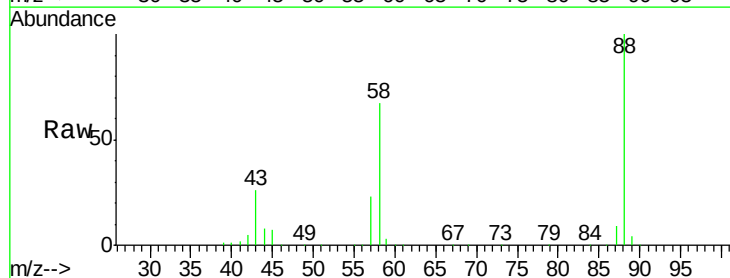
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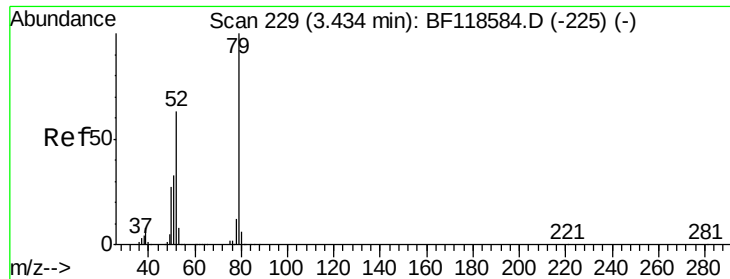


#2

1,4-Dioxane
Concen: 40.992 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	56.1	84.1
43	26.7	23.0	34.6





#3

Pvridine

Concen: 35.991 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion: 79 Resp: 1055009

Ion Ratio Lower Upper

79 100

52 62.3 50.7 76.1

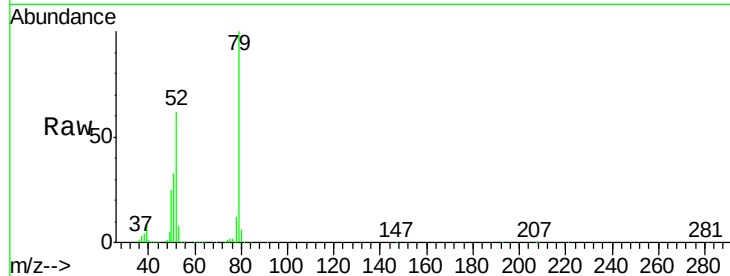
51 32.9 26.6 40.0

Manual Integrations

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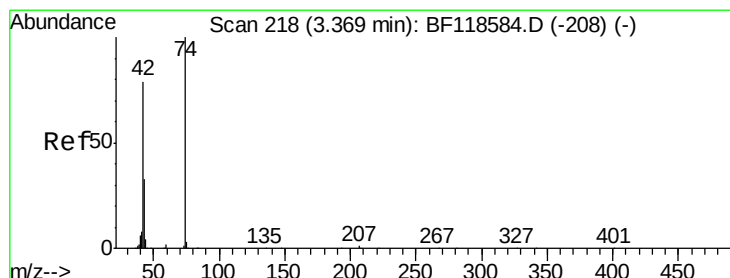
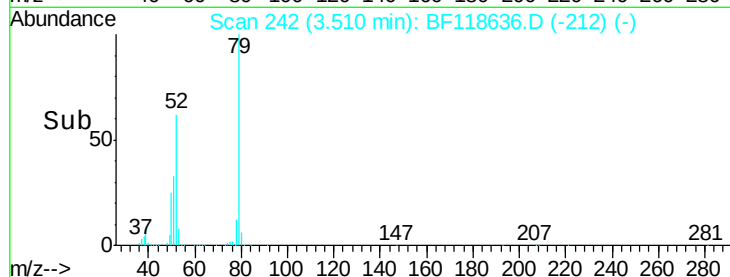
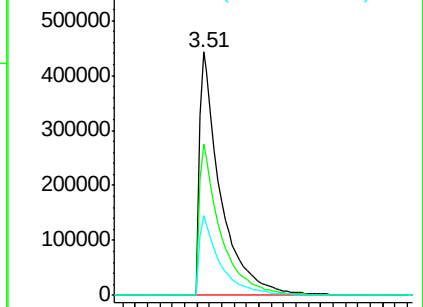
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.908 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

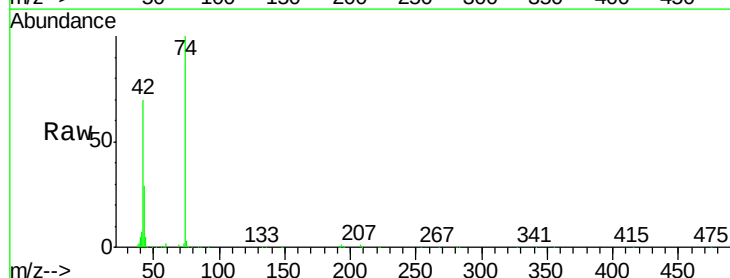
Tgt Ion: 42 Resp: 488957

Ion Ratio Lower Upper

42 100

74 141.9 101.6 152.4

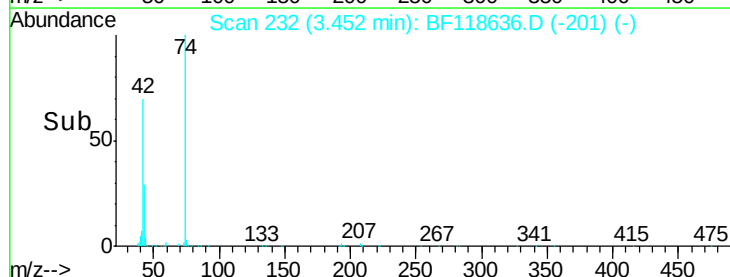
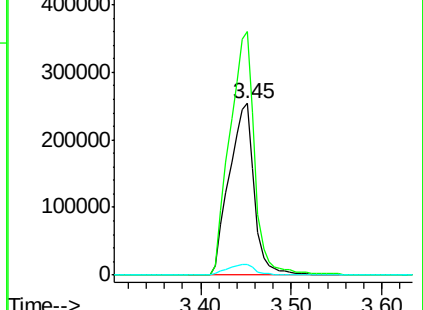
44 6.4 4.9 7.3

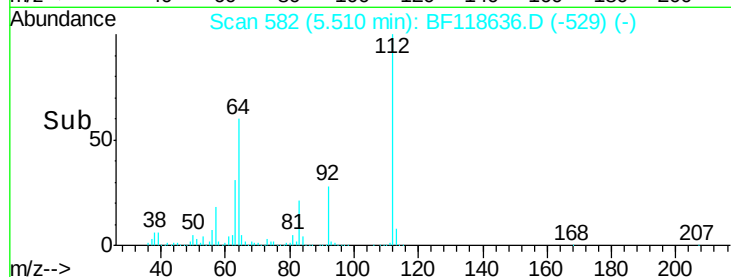
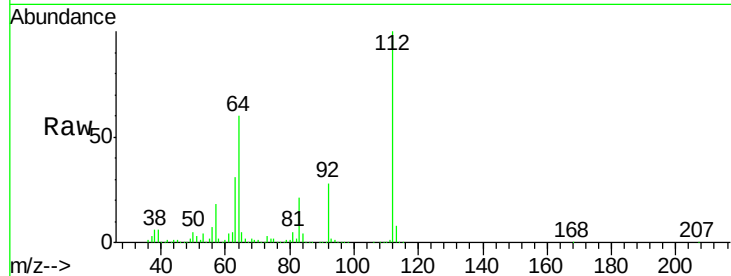
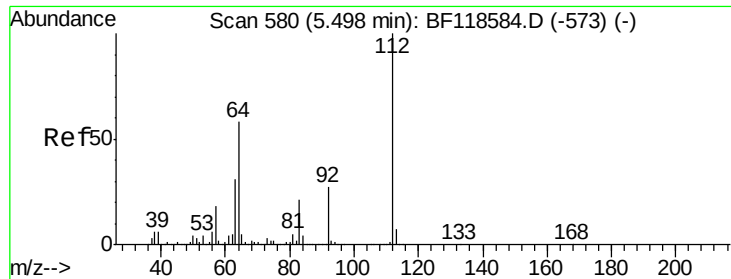


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.202 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tot Ion:	112	Resp:	2666894
Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.6	70.0
63	31.5	25.1	37.7

Instrument :

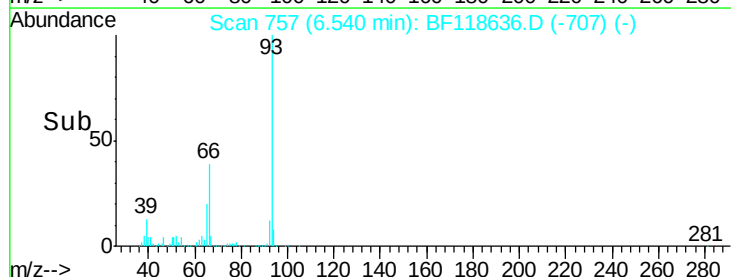
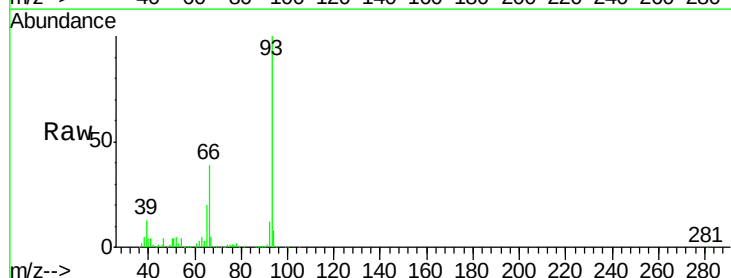
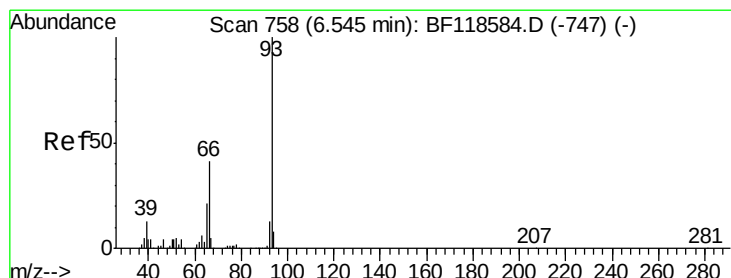
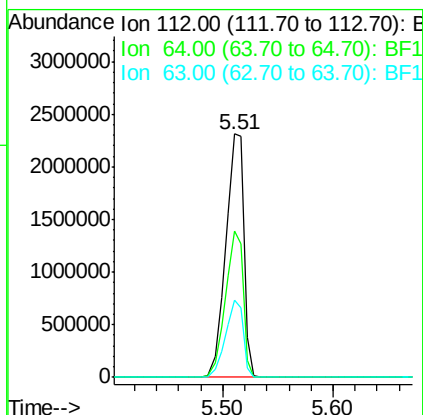
BNA_F

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#6

Aniline

Concen: 33.990 ng

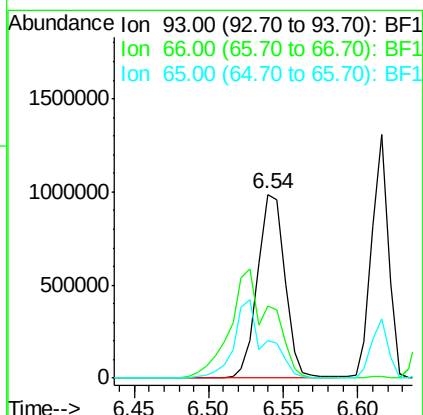
RT: 6.54 min Scan# 757

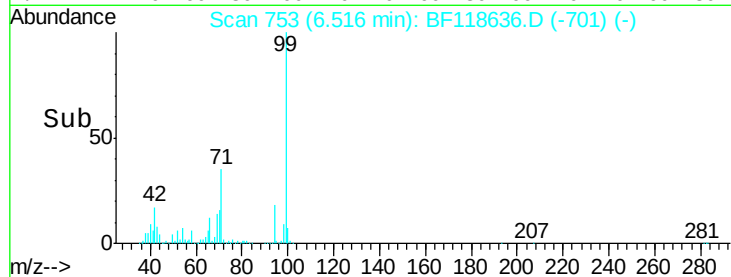
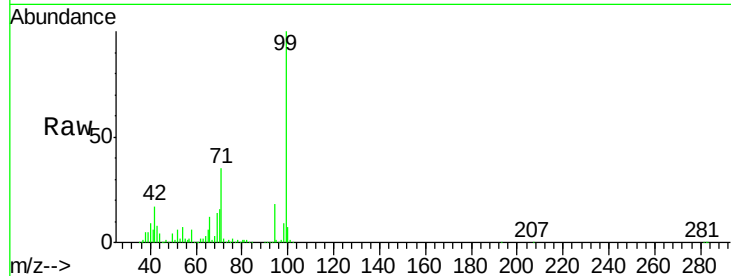
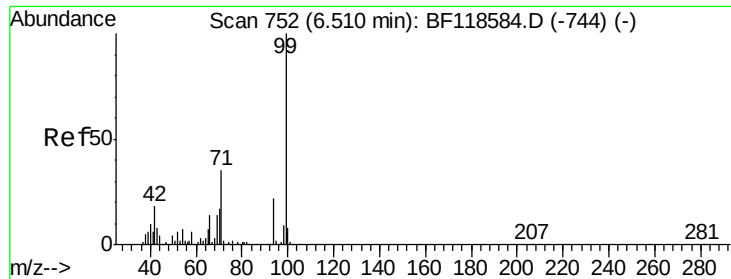
Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	93	Resp:	1249085
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.8	49.2
65	20.2	16.5	24.7





#7

Phenol-d6

Concen: 123.044 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tot Ion:	99	Resp:	3433960
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.2	21.2
71	34.8	27.8	41.6

Instrument :

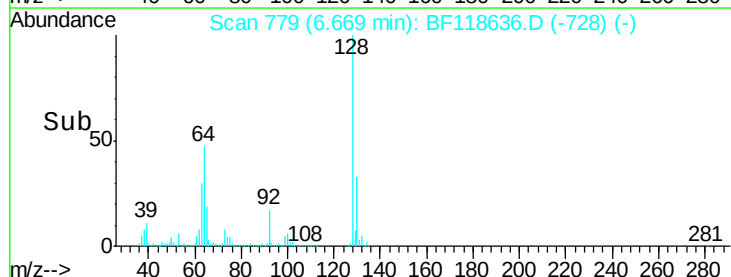
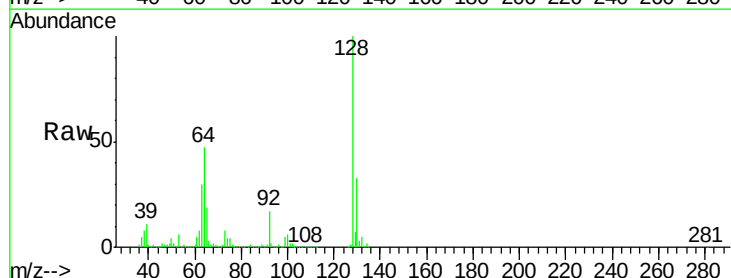
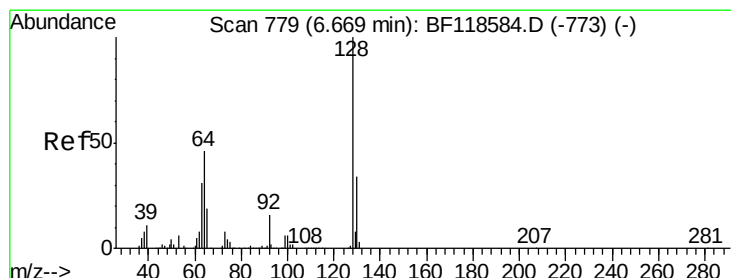
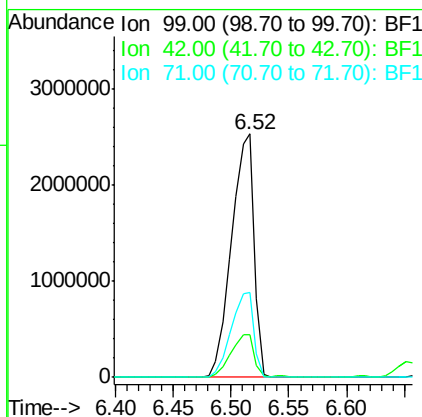
BNA_F

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#8

2-Chlorophenol

Concen: 44.711 ng

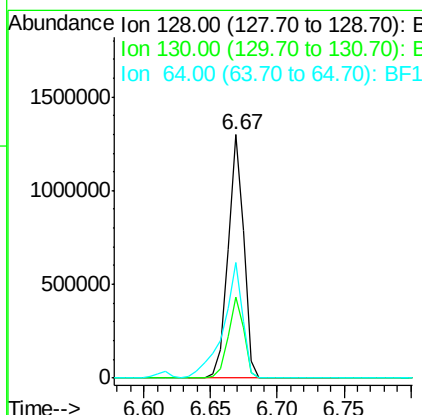
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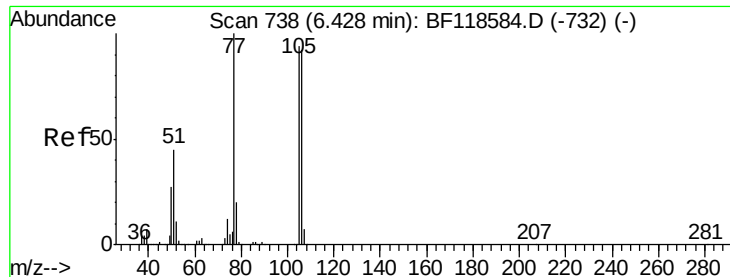
Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	128	Resp:	1077593
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.6	53.6
64	47.4	26.4	66.4





#9

Benzaldehyde

Concen: 34.467 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

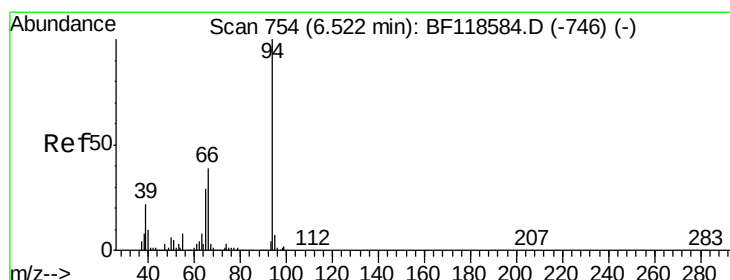
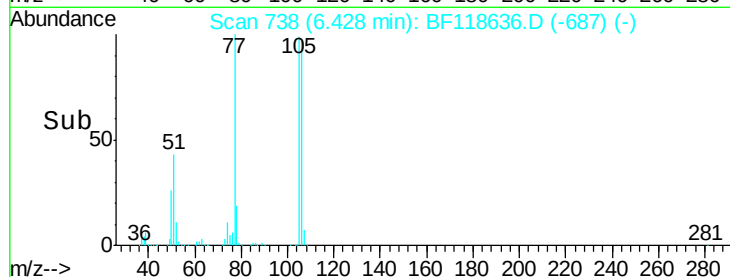
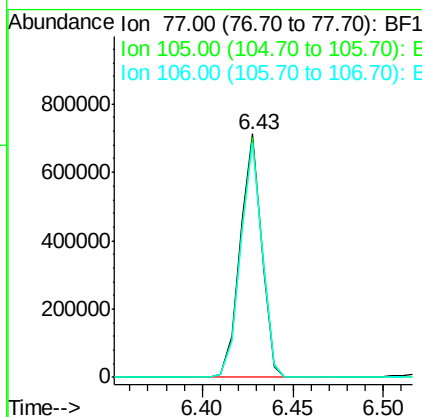
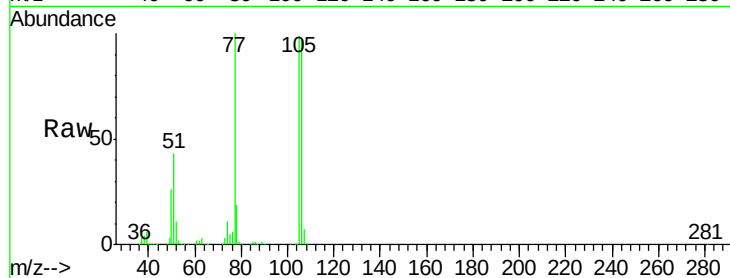
ClientSampleId :

PB126132BS

Tot Ion:	77	Resp:	585007
Ion Ratio	Lower	Upper	
77	100		
105	98.7	73.5	113.5
106	96.5	71.9	111.9

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#10

Phenol

Concen: 42.297 ng

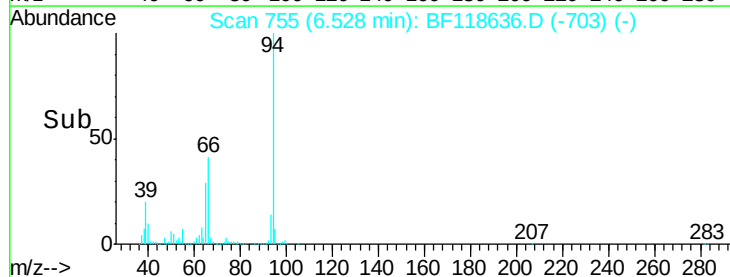
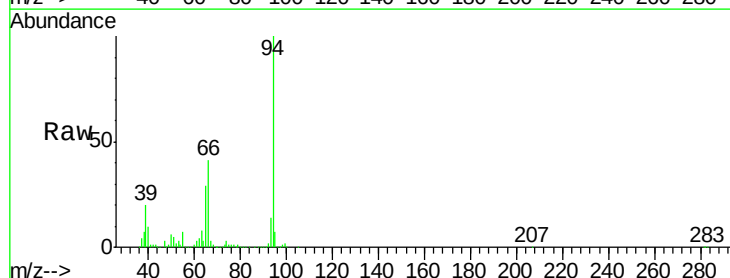
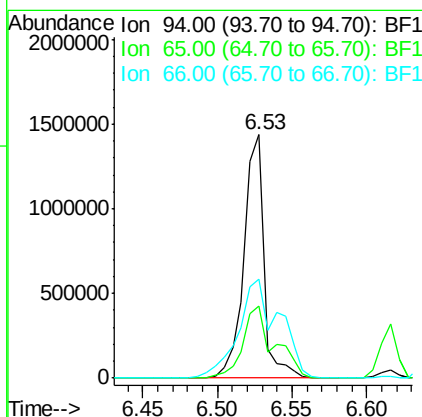
RT: 6.53 min Scan# 755

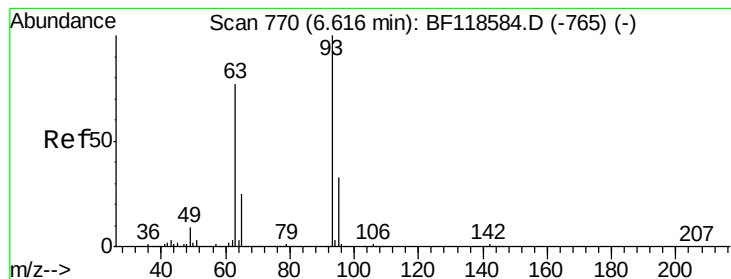
Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	94	Resp:	1345243
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.5	49.5
66	40.8	18.5	58.5





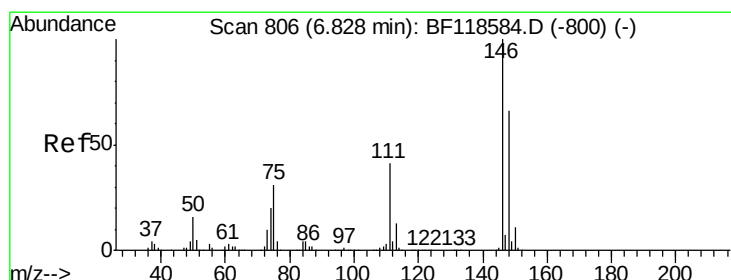
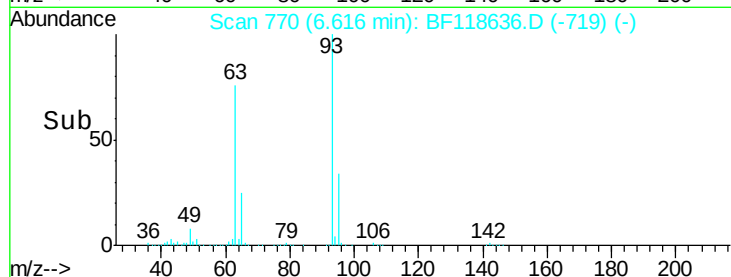
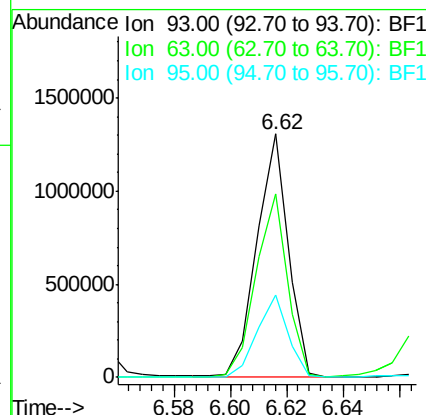
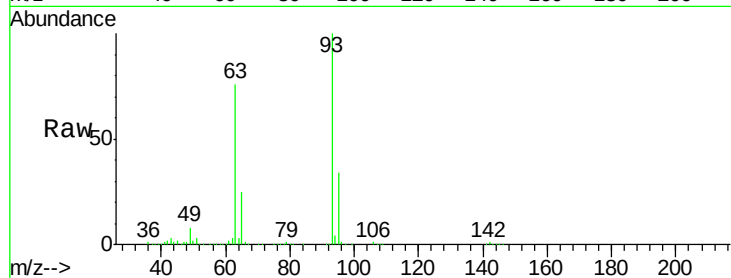
#11
bis(2-Chloroethyl)ether
Concen: 42.769 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.3	96.3
95	33.7	13.3	53.3

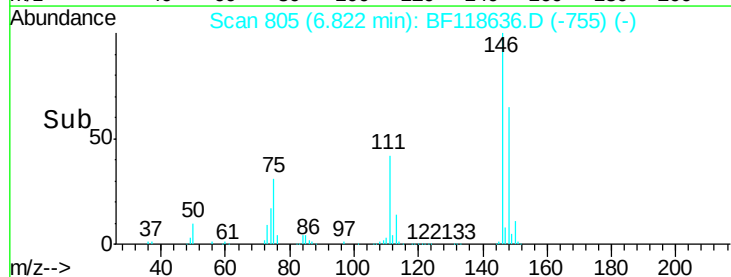
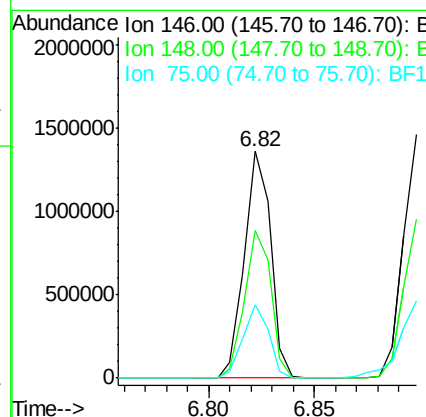
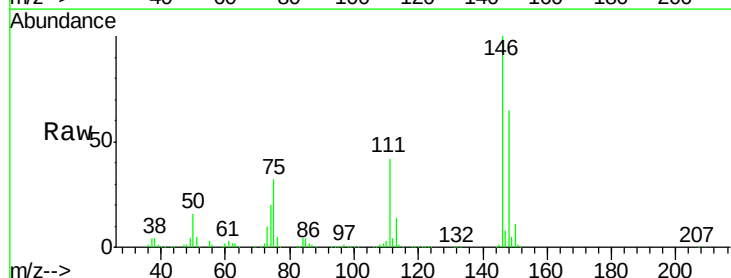
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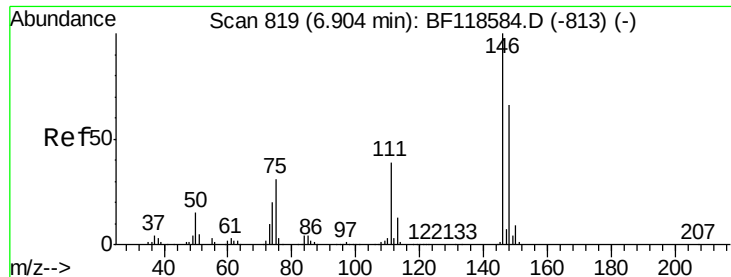
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.611 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.0	79.6
75	32.5	25.1	37.7





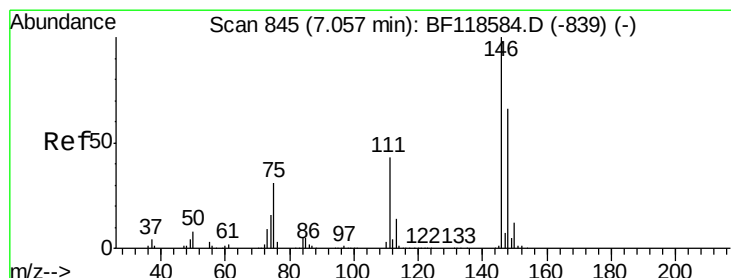
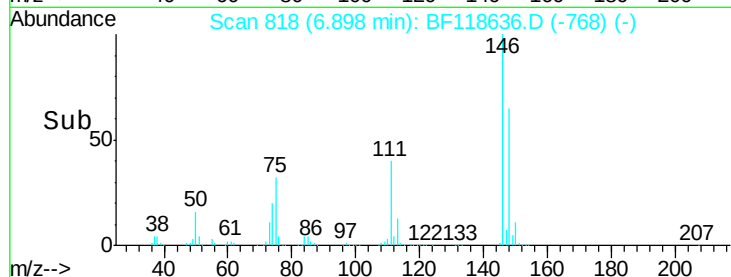
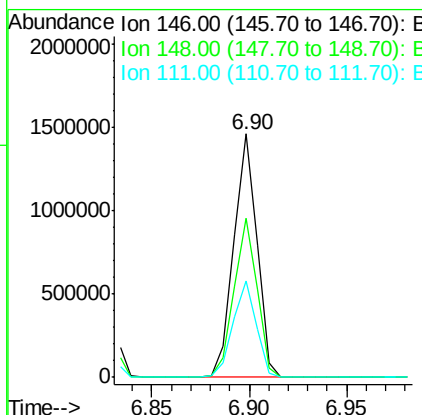
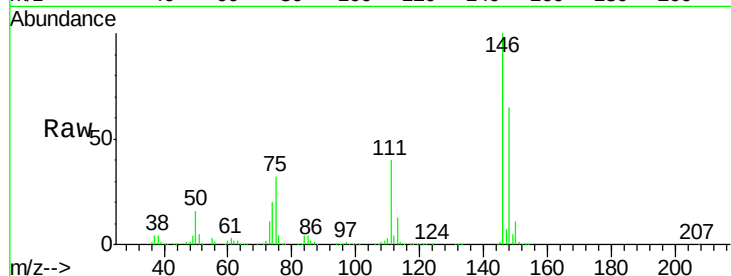
#13
1,4-Dichlorobenzene
Concen: 42.363 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:146 Resp: 1199592
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 39.8 31.6 47.4

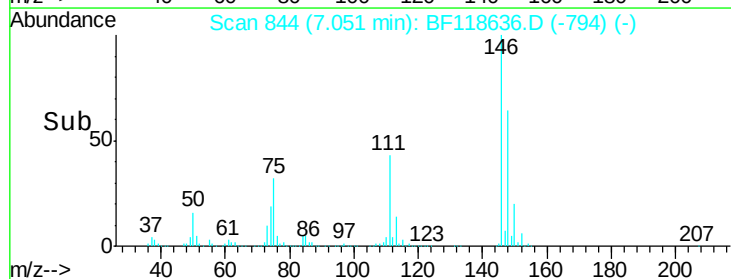
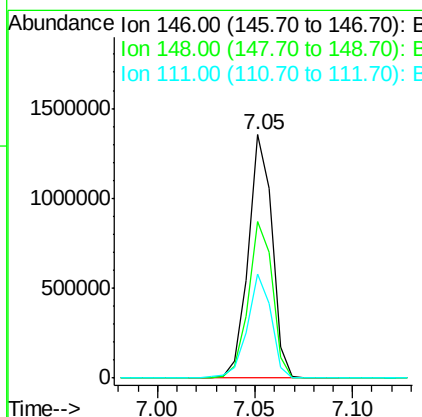
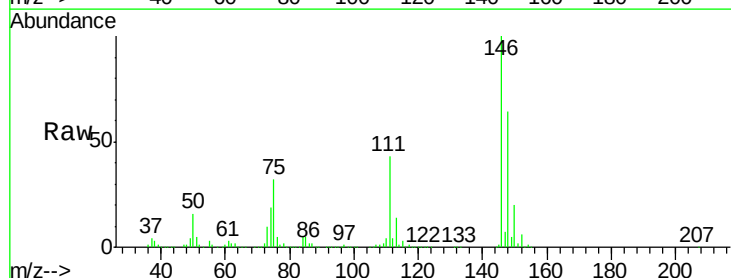
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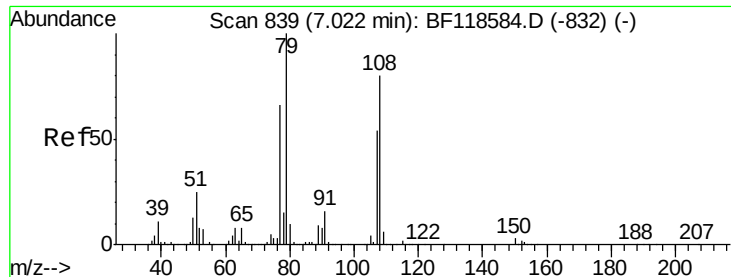
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.960 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:146 Resp: 1143570
Ion Ratio Lower Upper
146 100
148 64.3 52.7 79.1
111 42.9 34.6 52.0





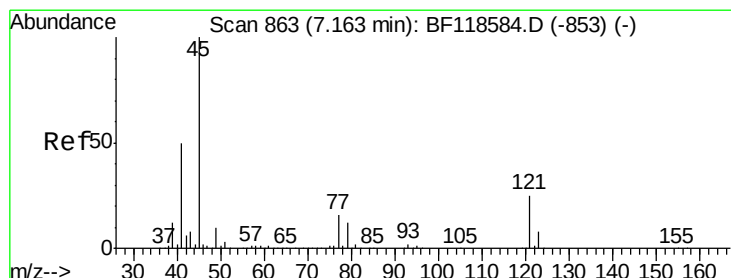
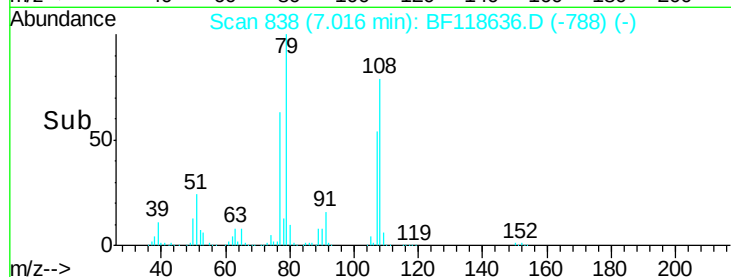
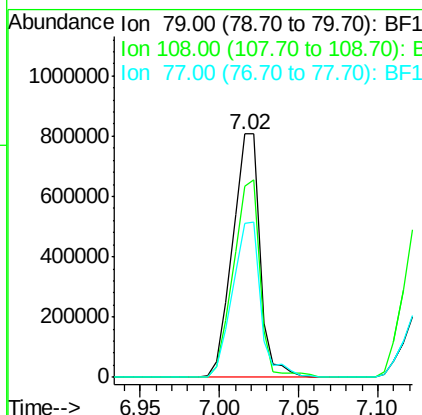
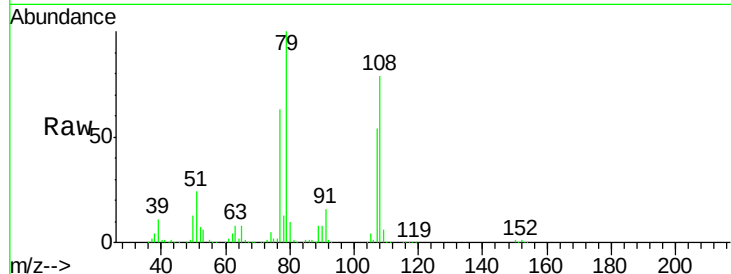
#15
Benzyl Alcohol
Concen: 43.945 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :
PB126132BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.6	95.4
77	63.4	52.5	78.7

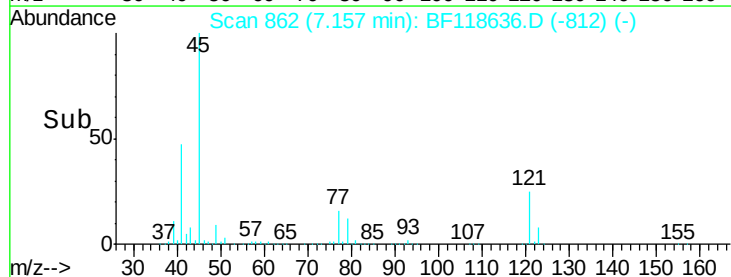
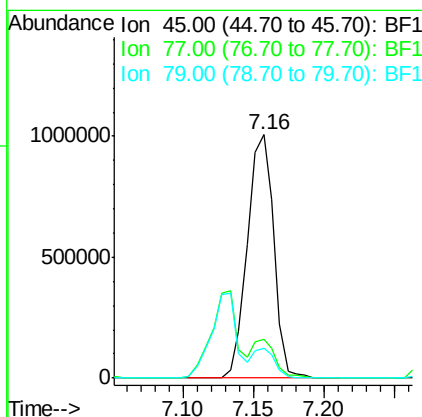
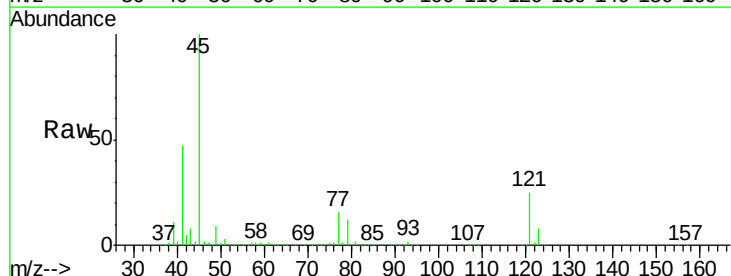
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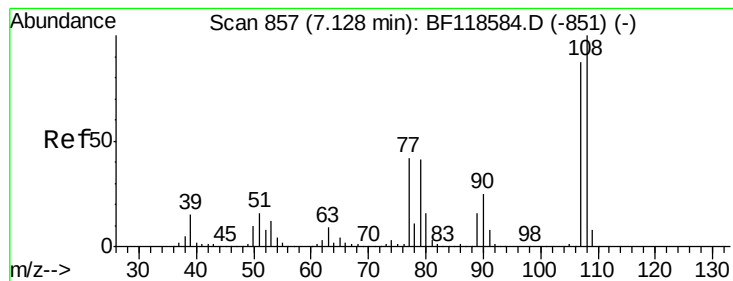
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.281 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	36.1
79	12.3	0.0	32.4





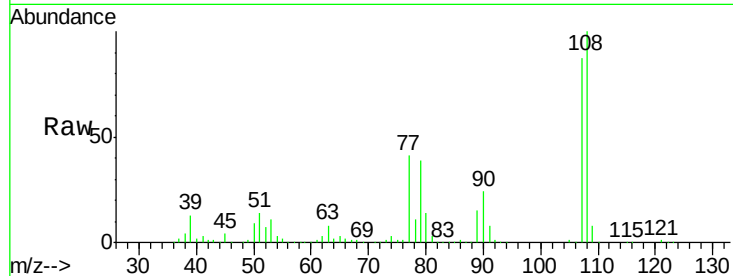
#17
2-Methylphenol
Concen: 44.933 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

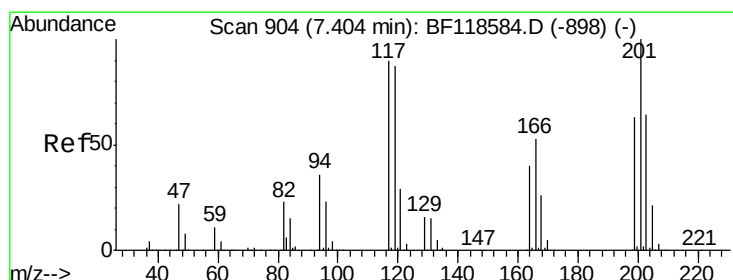
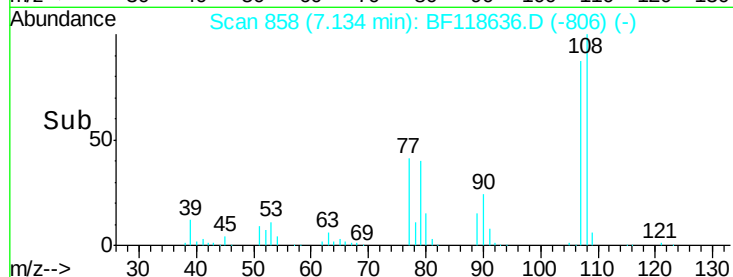
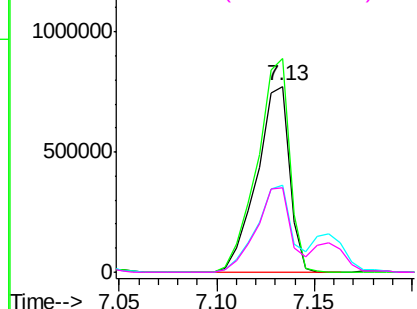
Tot Ion	Ratio	Resp	Lower	Upper
107	100	902059		
108	114.7	91.5	137.3	
77	46.7	38.7	58.1	
79	45.1	37.7	56.5	

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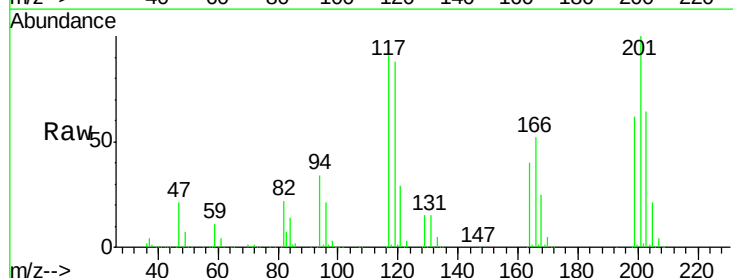


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

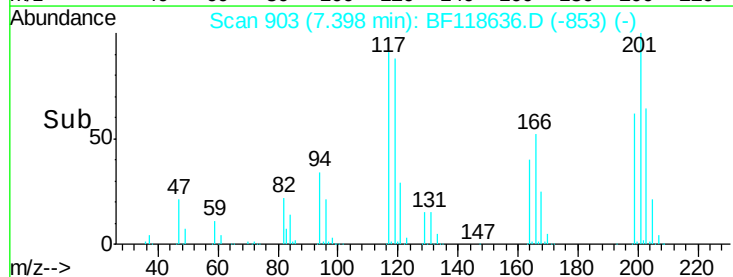
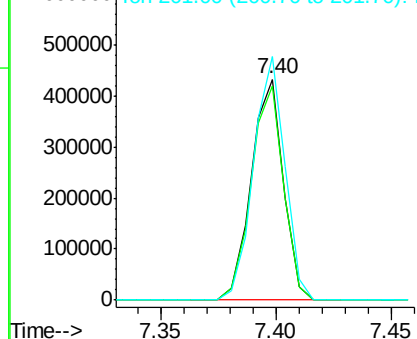


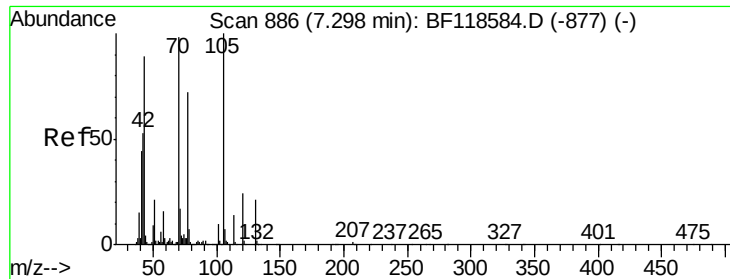
#18
Hexachloroethane
Concen: 40.814 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	419078		
119	97.1	77.6	116.4	
201	110.2	88.8	133.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





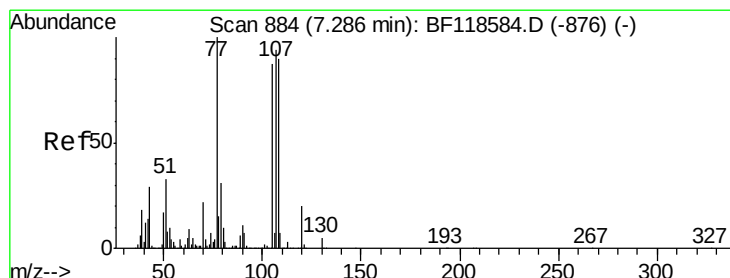
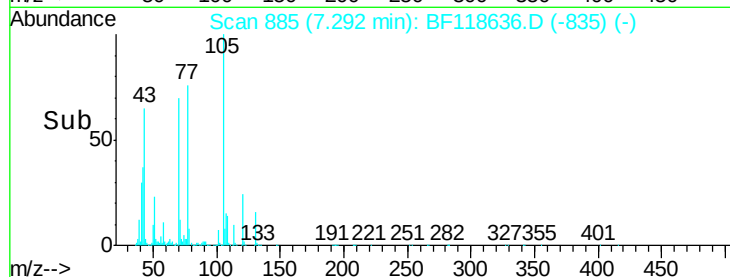
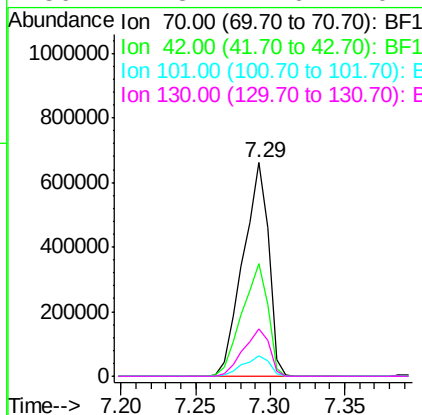
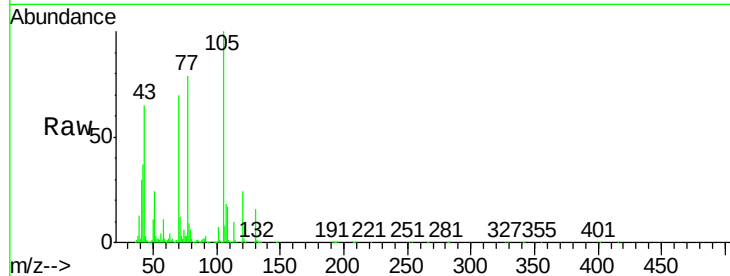
#19
n-Nitroso-di-n-propylamine
Concen: 41.772 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	43.4	65.0	
101	9.6	8.1	12.1	
130	22.3	17.6	26.4	

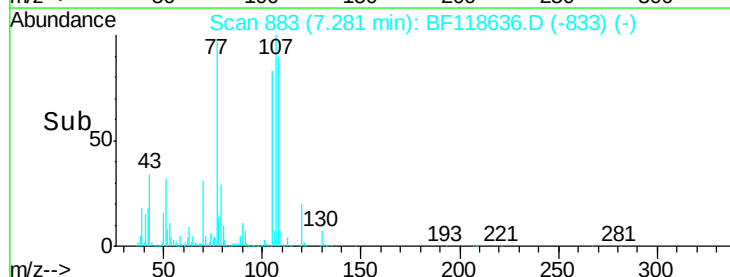
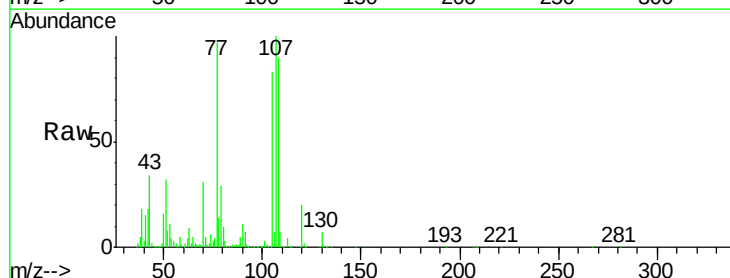
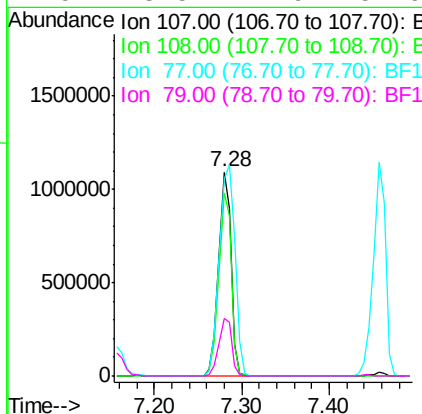
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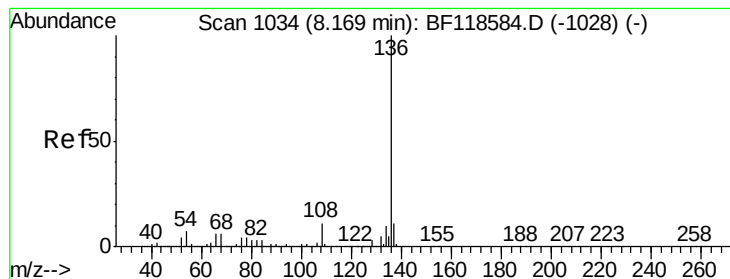
mohammad
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#20
3+4-Methylphenols
Concen: 44.803 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	75.8	115.8	
77	96.8	86.5	126.5	
79	28.5	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:136 Resp: 1458504

Ion Ratio Lower Upper

136 100

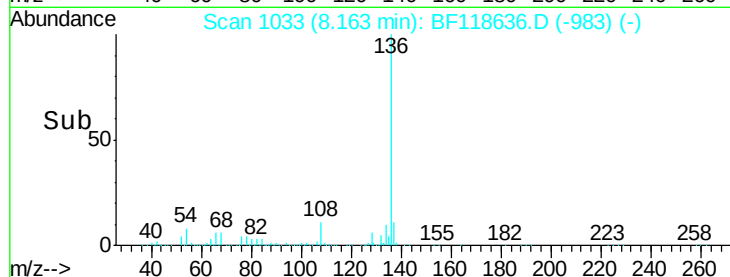
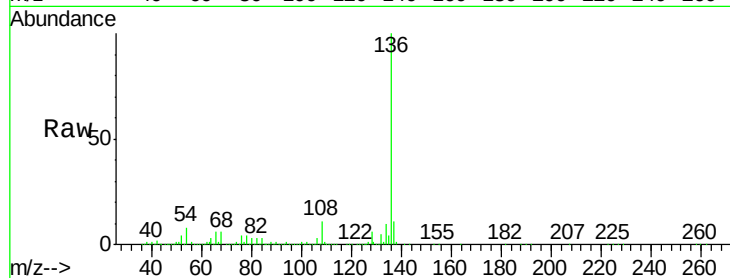
137 11.5 9.1 13.7

54 7.7 5.8 8.6

68 6.4 5.0 7.4

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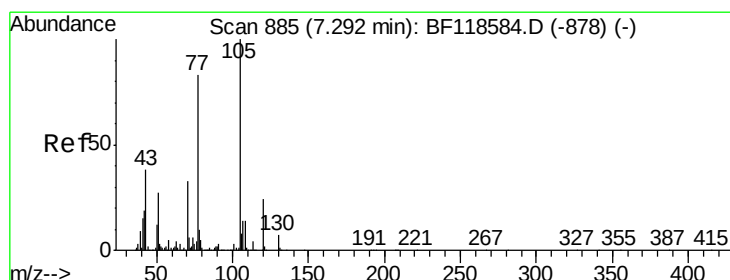
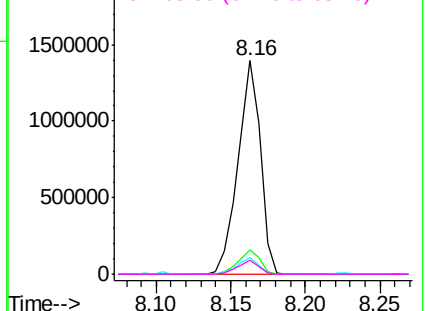
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.959 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:105 Resp: 1415162

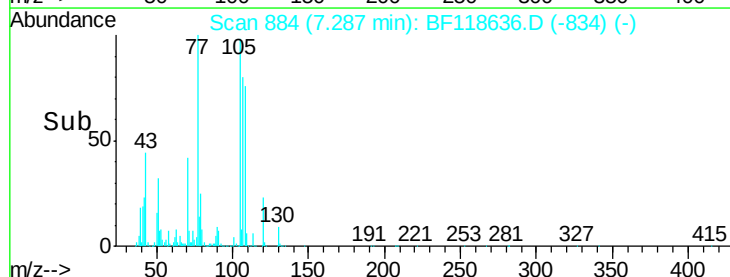
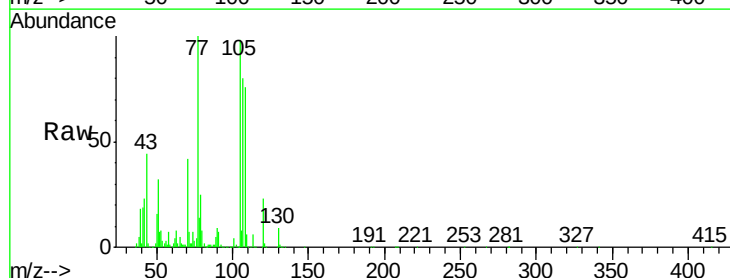
Ion Ratio Lower Upper

105 100

71 7.1 4.5 6.7#

51 32.3 21.5 32.3#

120 23.2 19.0 28.6



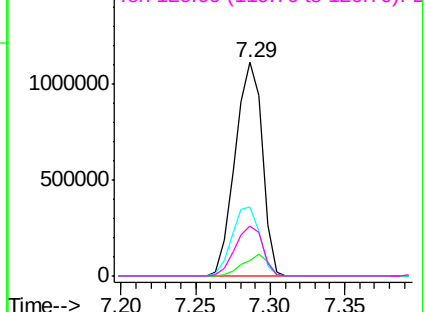
Abundance

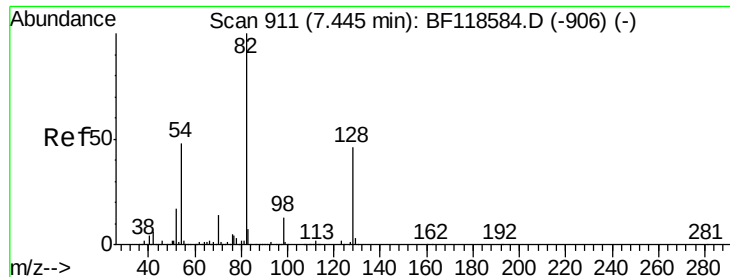
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





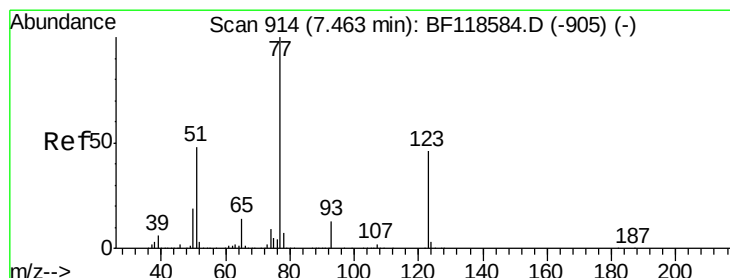
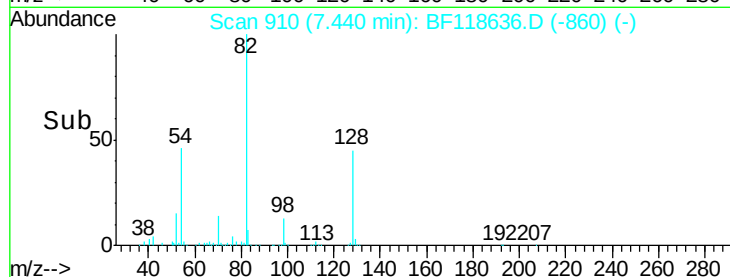
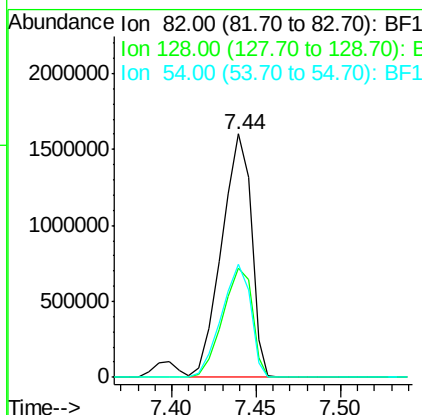
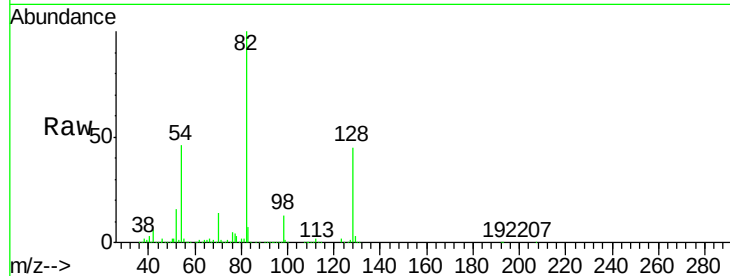
#23
Nitrobenzene-d5
Concen: 74.986 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion: 82 Resp: 1955284
Ion Ratio Lower Upper
82 100
128 44.8 36.6 54.8
54 46.3 38.0 57.0

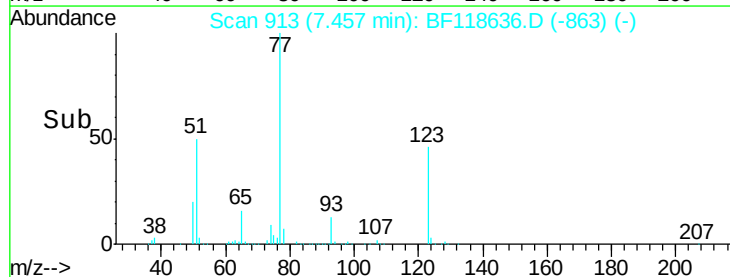
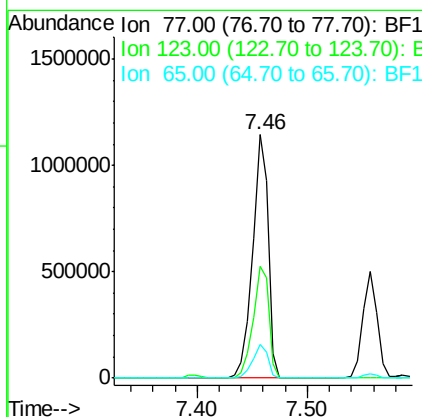
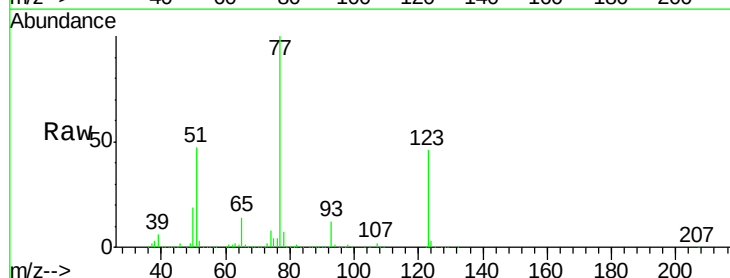
Manual Integrations
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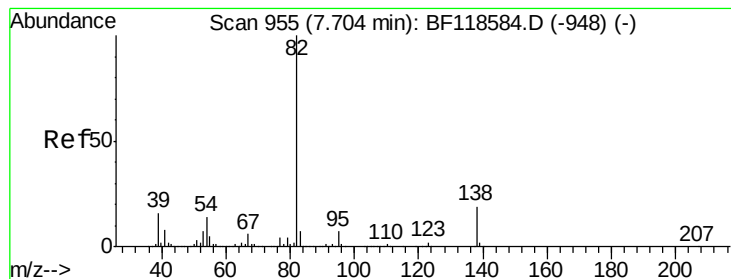
mohammad
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#24
Nitrobenzene
Concen: 42.362 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 77 Resp: 1131038
Ion Ratio Lower Upper
77 100
123 45.9 37.0 55.4
65 14.0 11.1 16.7





#25

Isophorone

Concen: 43.894 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion: 82 Resp: 2087627

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

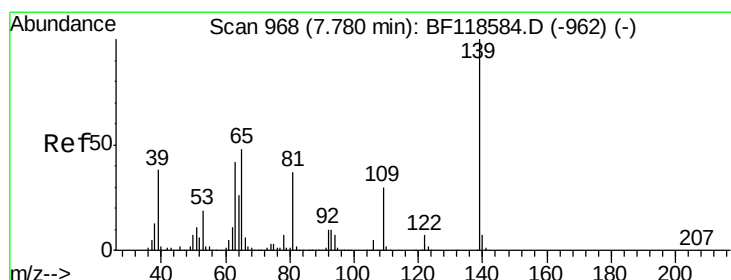
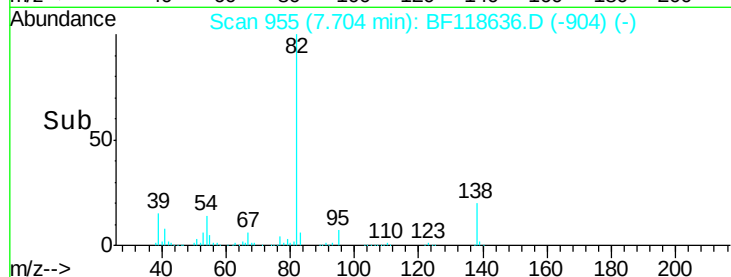
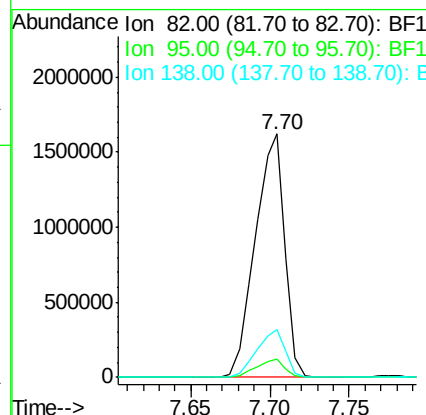
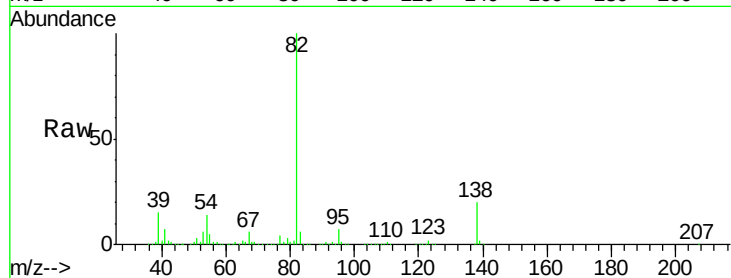
138 19.5 15.3 22.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.096 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

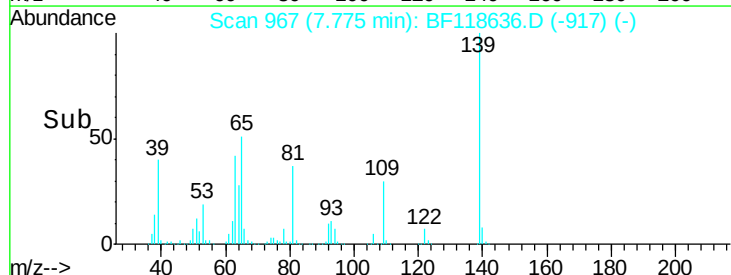
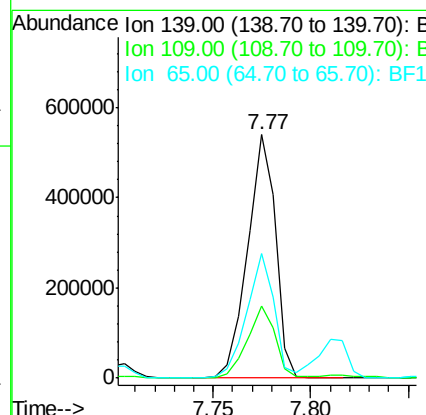
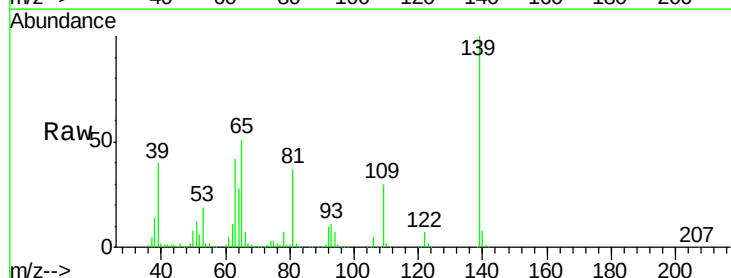
Tgt Ion: 139 Resp: 536229

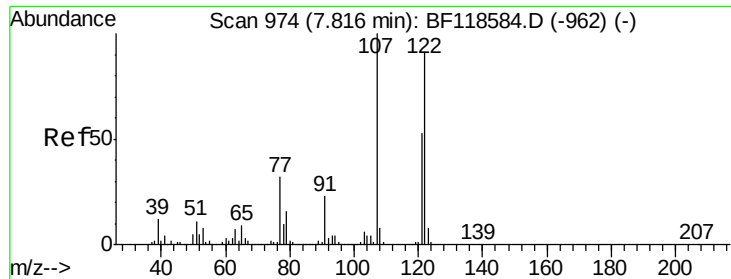
Ion Ratio Lower Upper

139 100

109 29.6 23.8 35.8

65 51.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.174 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

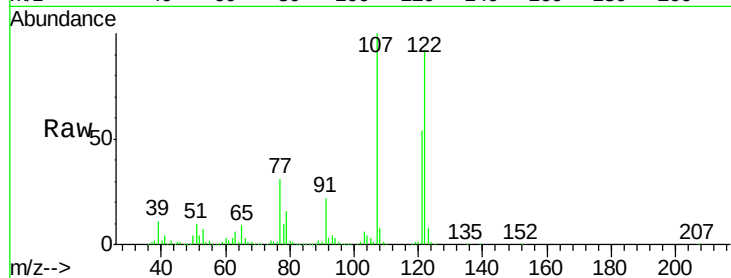
ClientSampled :

PB126132BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	88.0	132.0
121	58.1	46.3	69.5

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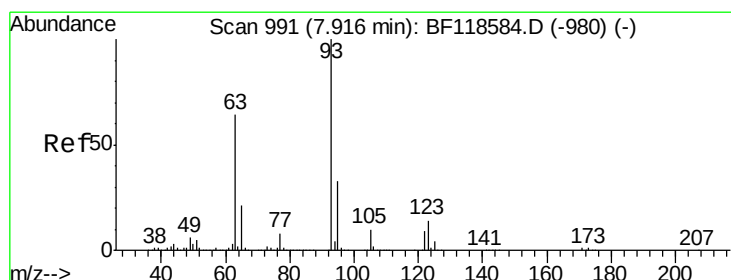
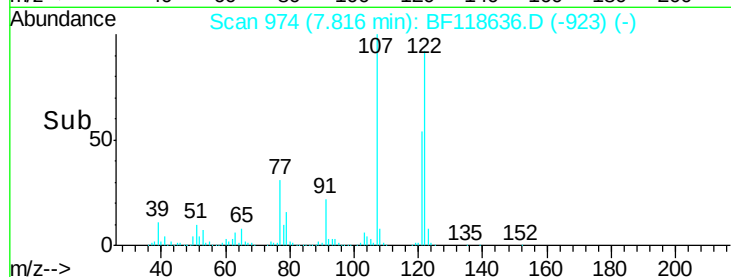
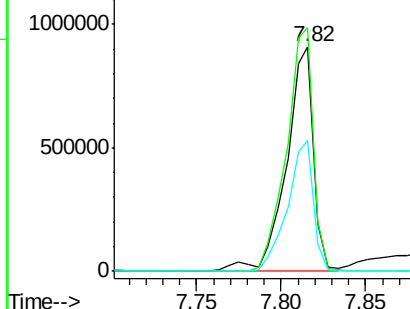
mohammad
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.179 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118636.D

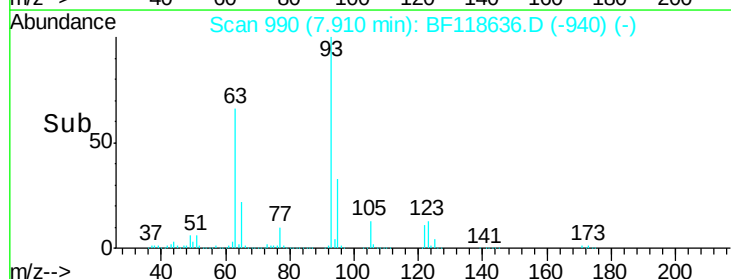
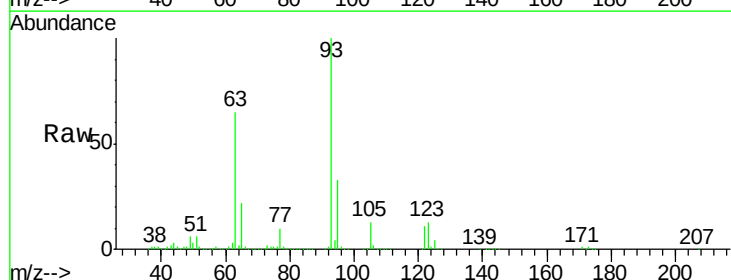
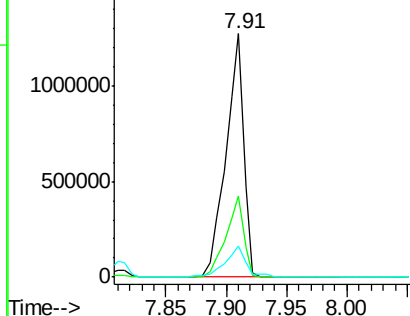
Acq: 21 Jan 2020 15:46

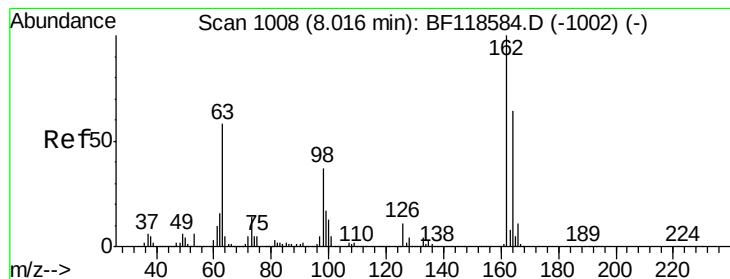
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.7	40.1
123	13.0	11.0	16.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.929 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

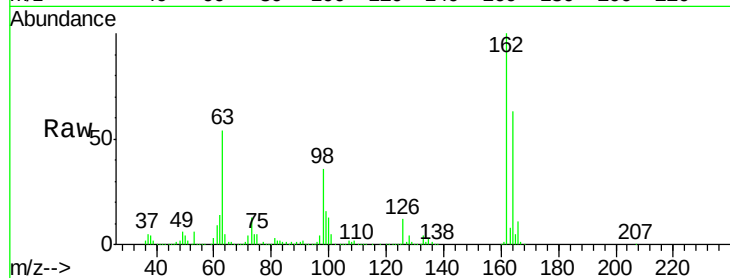
ClientSampleId :

PB126132BS

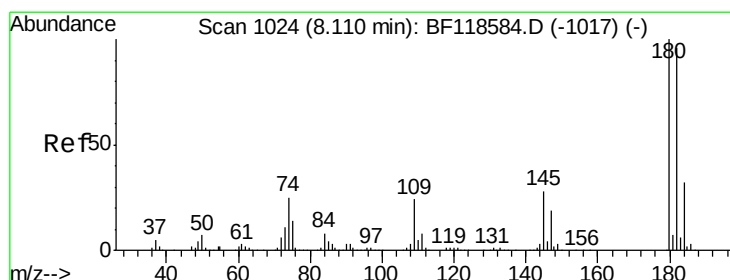
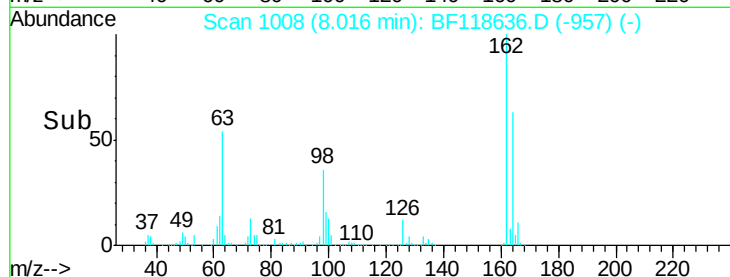
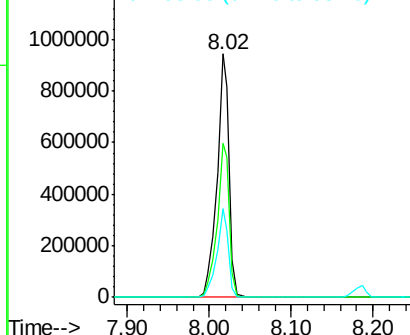
Tot Ion	Ratio	Resp	Lower	Upper
162	100	976495		
164	63.4	44.3	84.3	
98	36.4	17.5	57.5	

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.118 ng

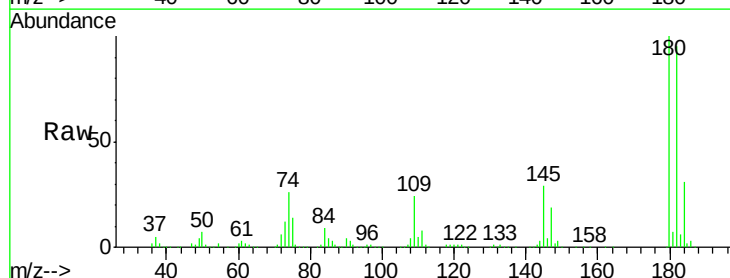
RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

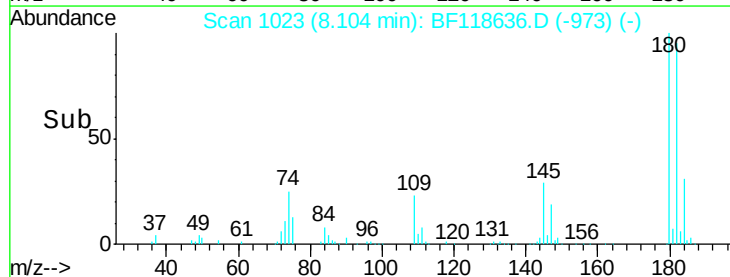
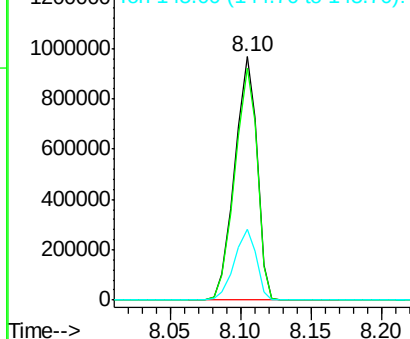
Lab File: BF118636.D

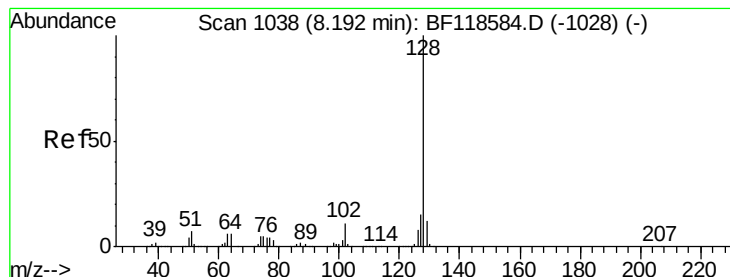
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1061409		
182	95.4	76.9	115.3	
145	29.1	22.8	34.2	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.600 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:128 Resp: 3004391

Ion Ratio Lower Upper

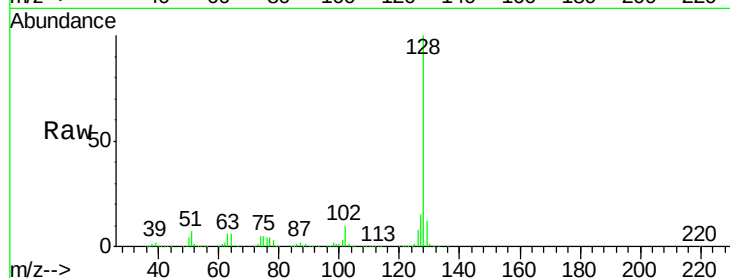
128 100

129 12.4 9.9 14.9

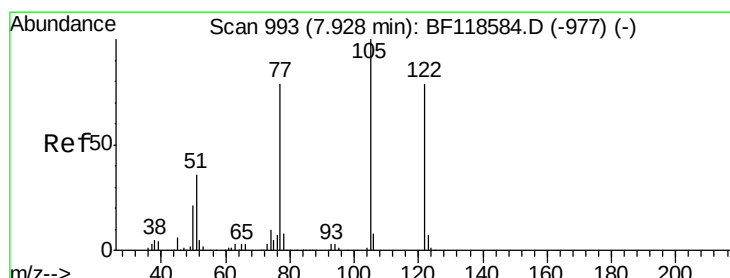
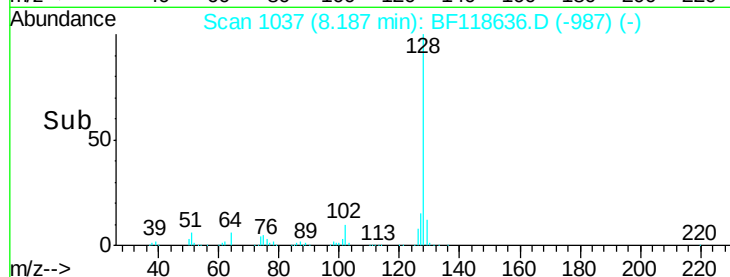
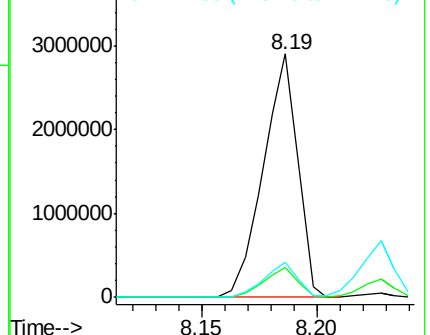
127 14.6 12.0 18.0

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



#32

Benzoic acid

Concen: 41.489 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

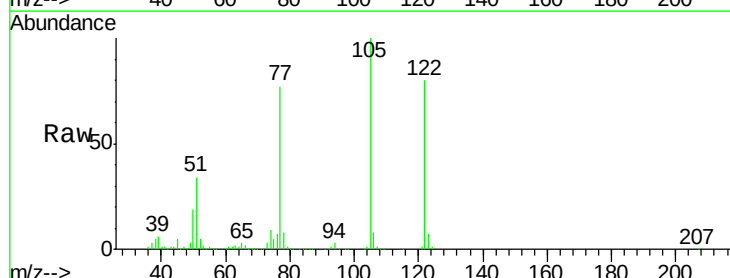
Tgt Ion:122 Resp: 612201

Ion Ratio Lower Upper

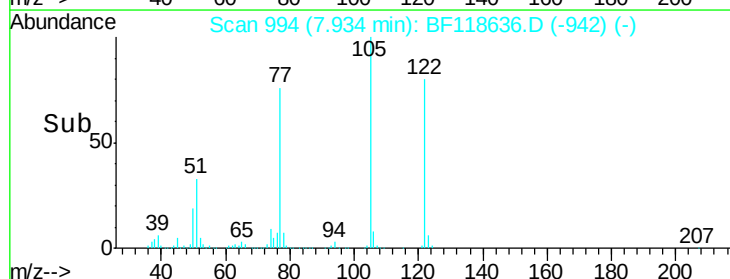
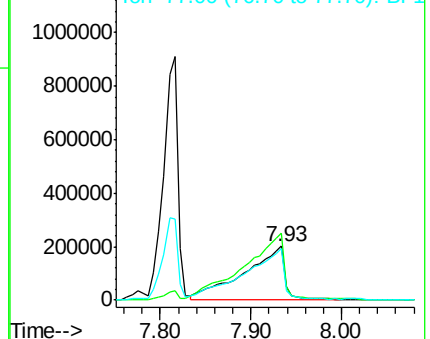
122 100

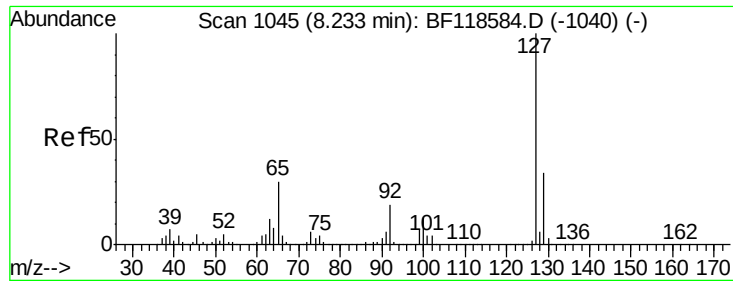
105 124.4 104.3 144.3

77 95.9 79.4 119.4



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





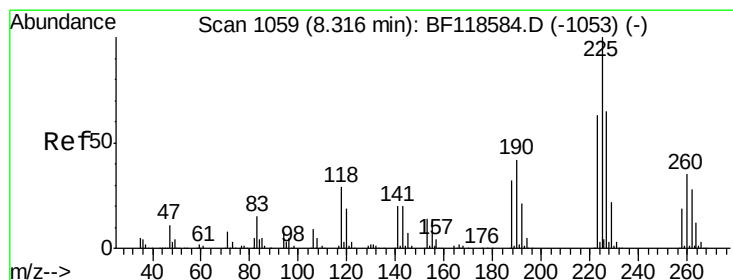
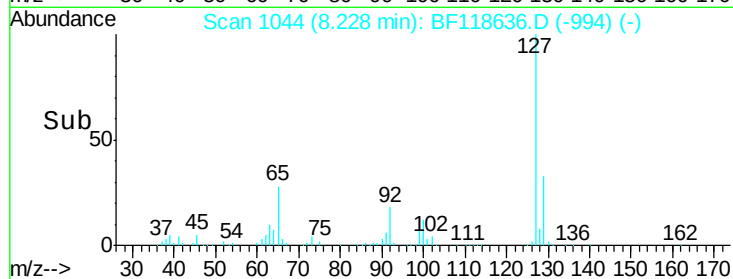
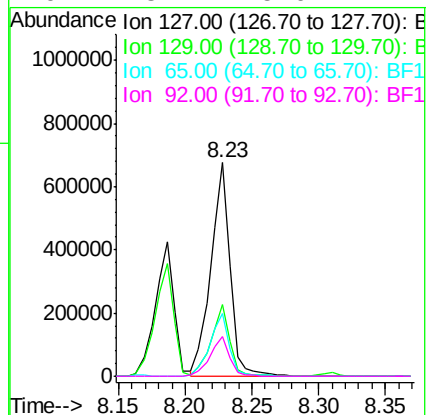
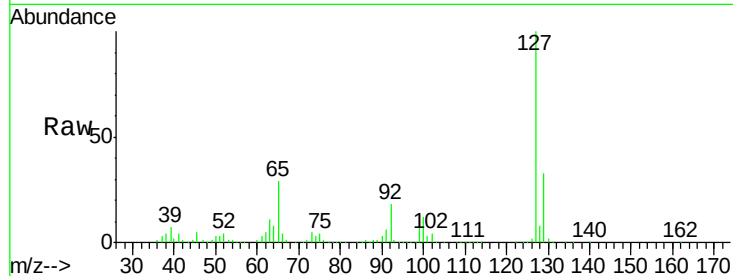
#33
4-Chloroaniline
Concen: 22.421 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	27.4	41.0		
65	29.4	23.6	35.4		
92	18.4	15.0	22.4		

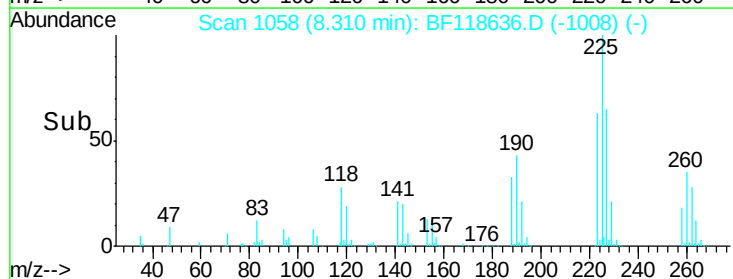
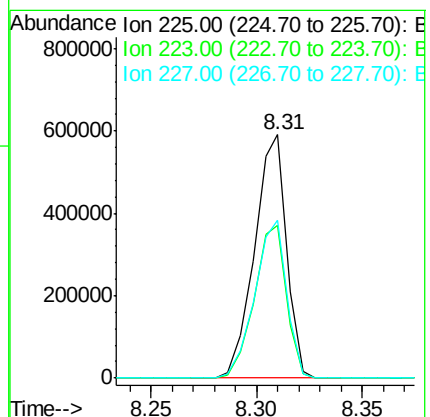
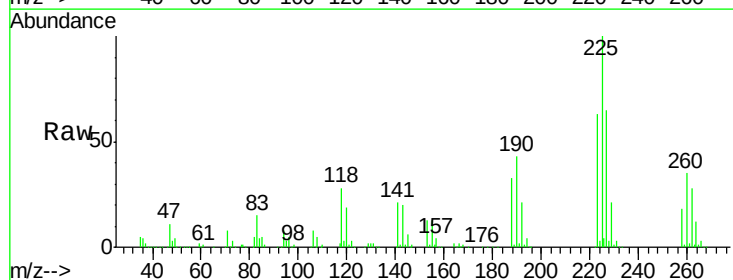
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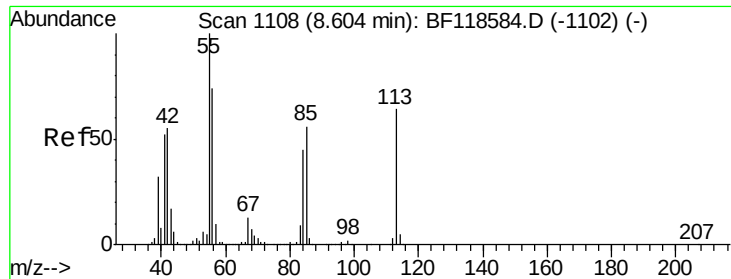
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#34
Hexachlorobutadiene
Concen: 40.421 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.2	75.4		
227	64.9	52.1	78.1		





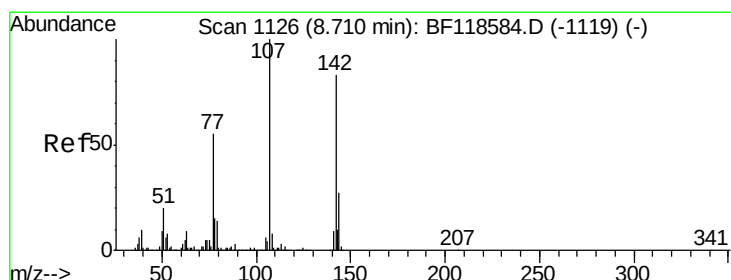
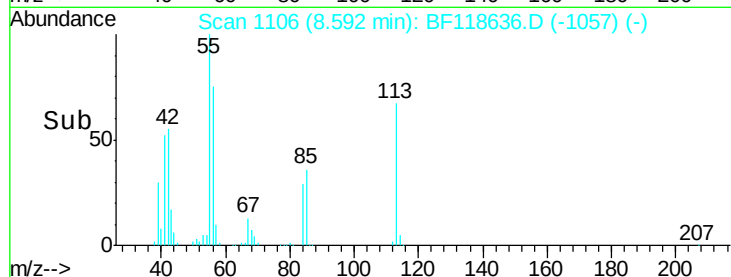
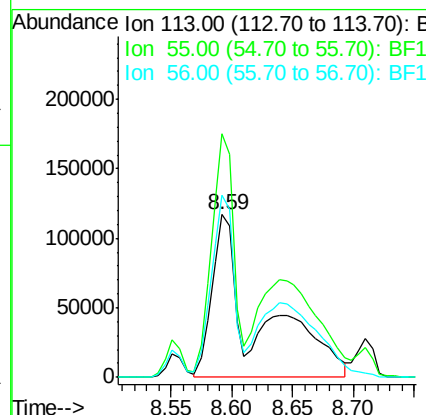
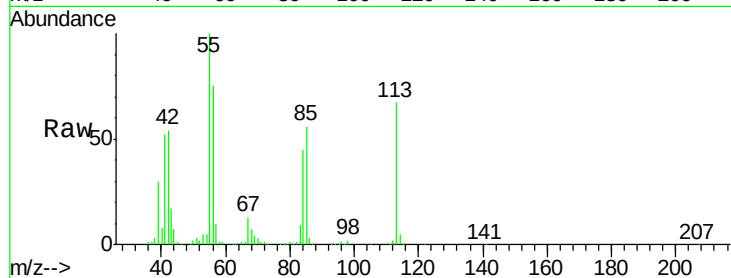
#35
Caprolactam
Concen: 42.459 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.8	136.1	176.1
56	112.3	95.2	135.2

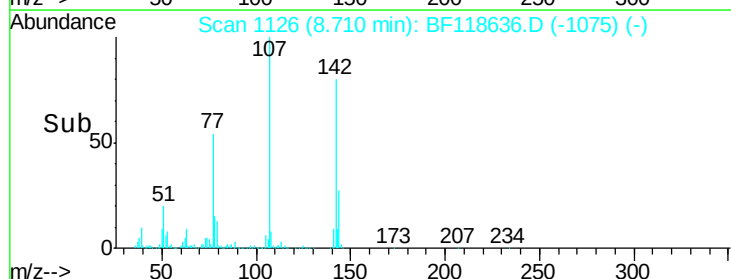
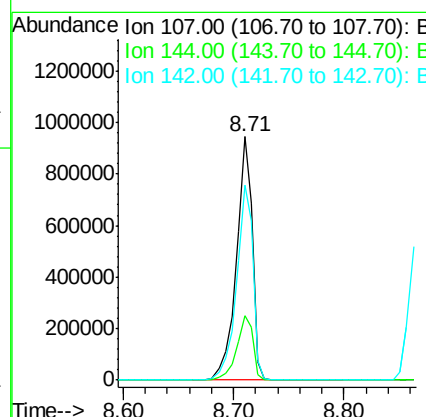
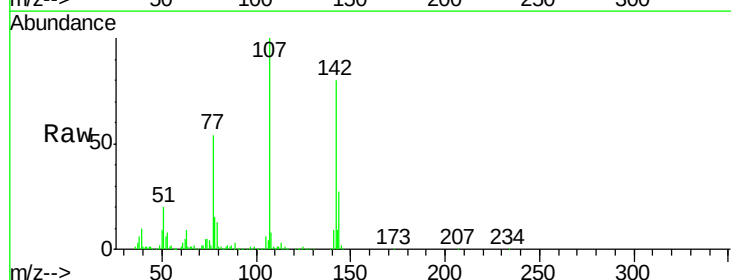
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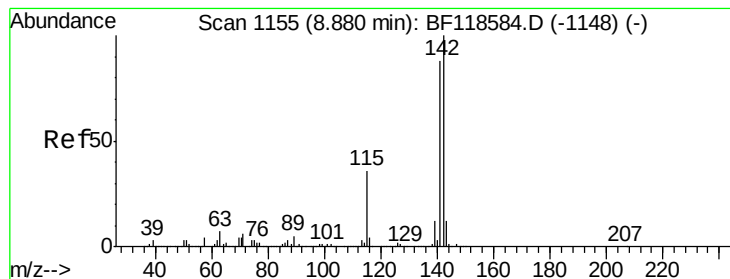
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#36
4-Chloro-3-methylphenol
Concen: 44.646 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.8	32.8
142	80.1	66.5	99.7





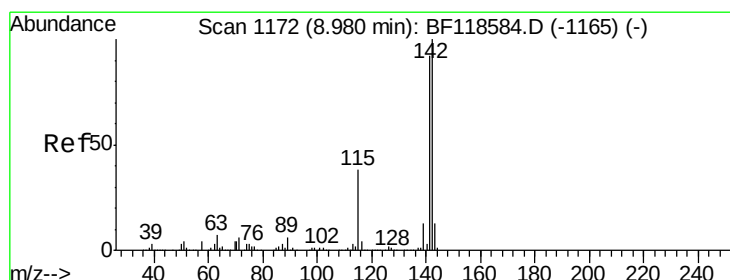
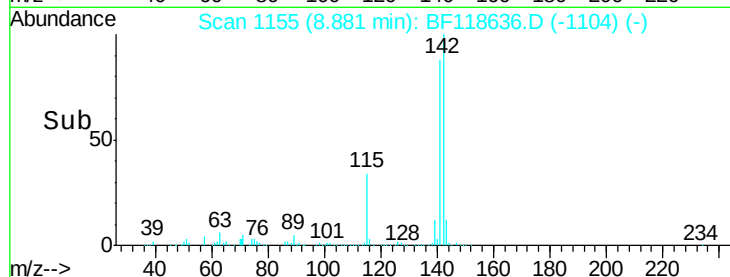
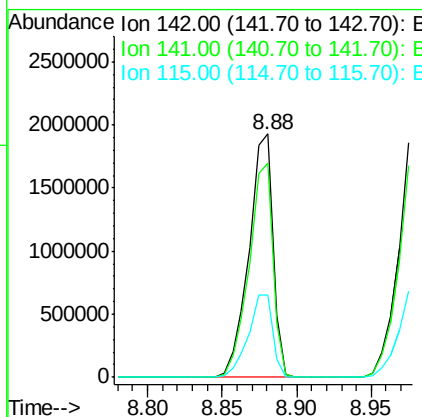
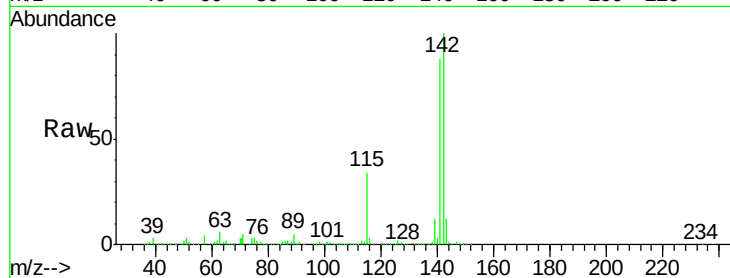
#37
2-Methylnaphthalene
Concen: 46.136 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	34.0	28.5	42.7

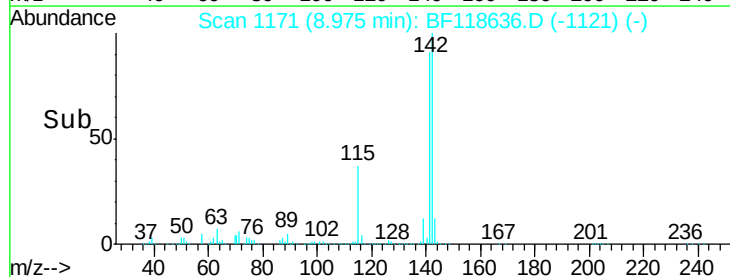
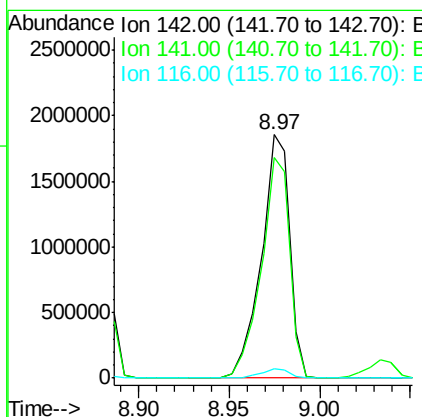
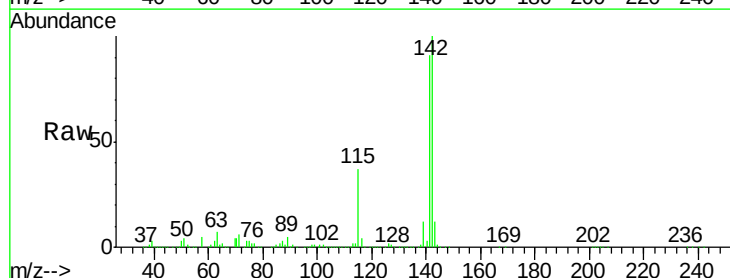
Manual Integrations
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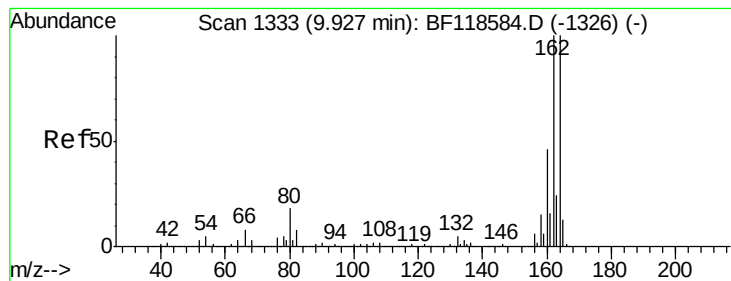
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#38
1-Methylnaphthalene
Concen: 45.548 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.4	110.2
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

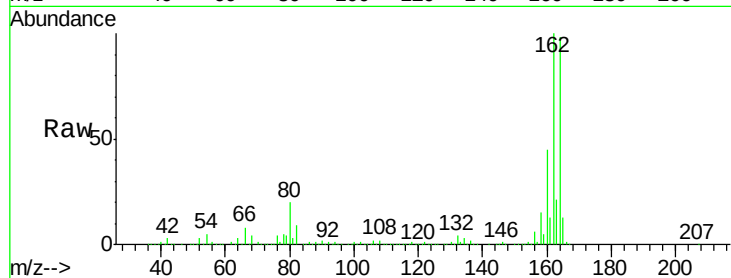
ClientSampleId :

PB126132BS

Tot Ion:	164	Resp:	846432
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.4	120.6
160	45.5	36.6	55.0

Manual Integrations
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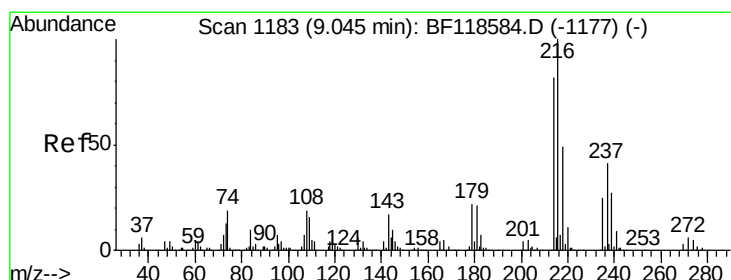
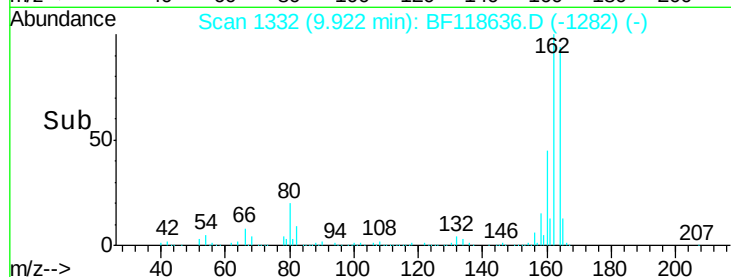
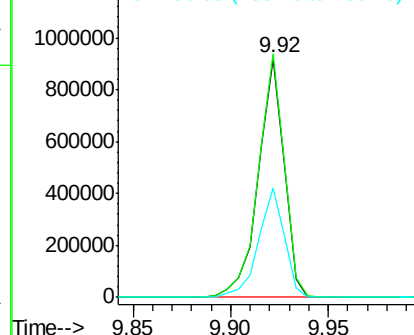


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.308 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	216	Resp:	1067530
Ion Ratio	Lower	Upper	
216	100		
214	79.1	64.2	96.2
179	20.1	16.6	25.0
108	19.4	14.4	21.6

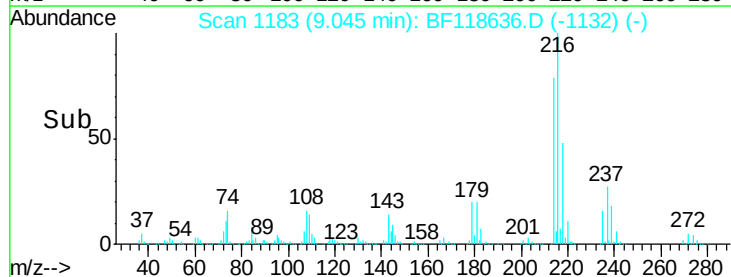
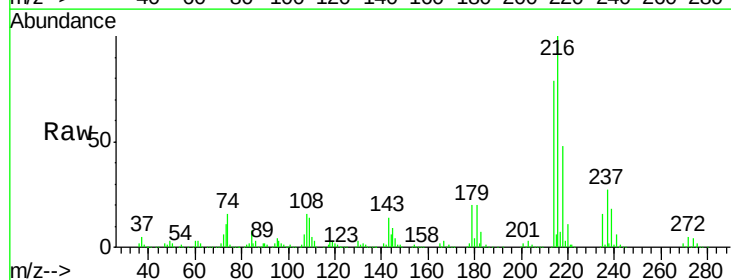
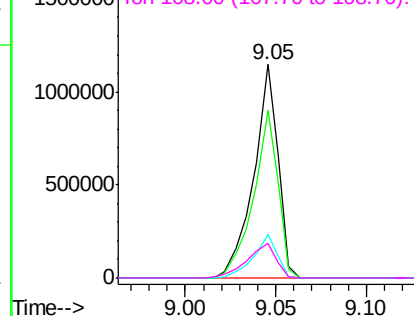
Abundance

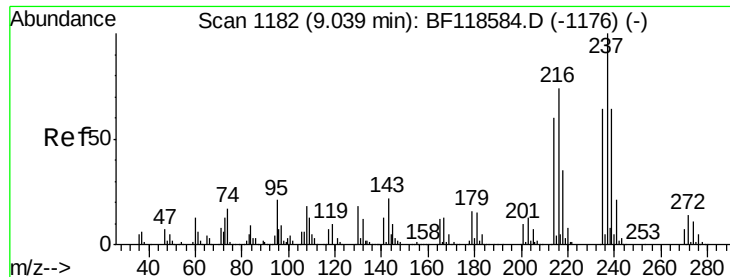
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.294 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

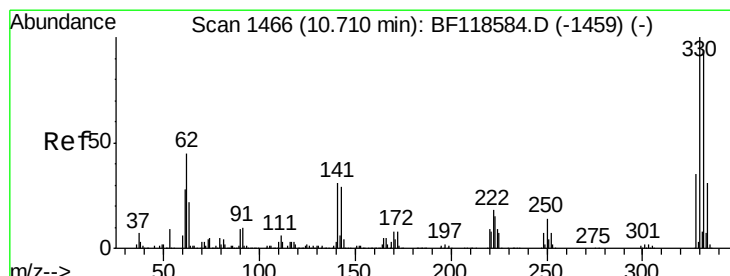
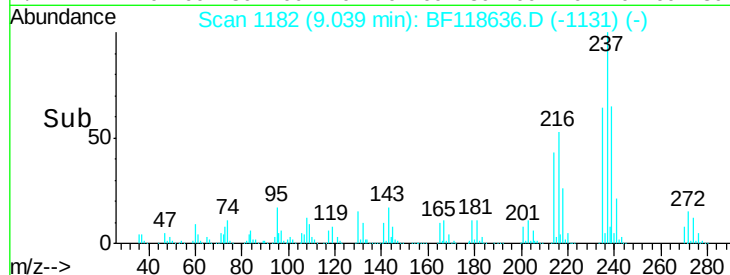
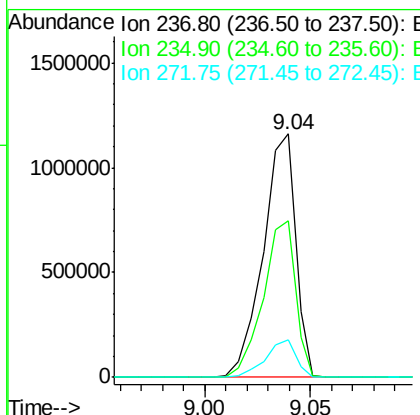
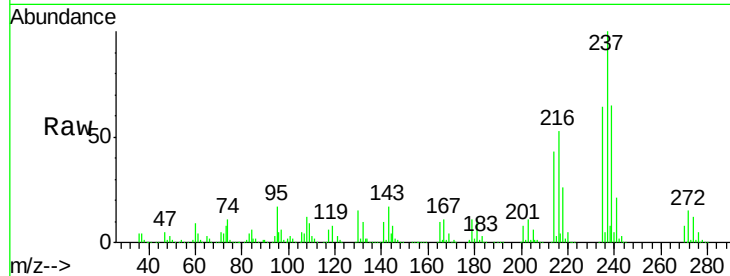
ClientSampleId :

PB126132BS

Tot Ion:	237	Resp:	1246615
Ion Ratio		Lower	Upper
237	100		
235	64.1	44.0	84.0
272	15.2	0.0	34.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 126.722 ng

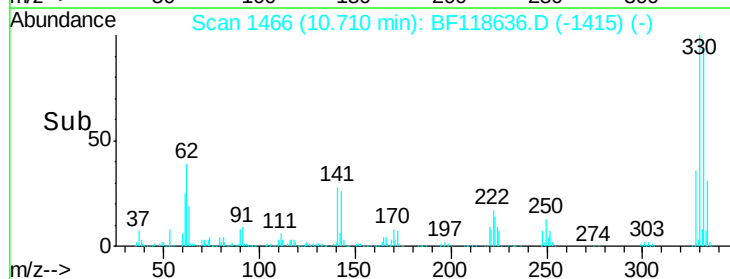
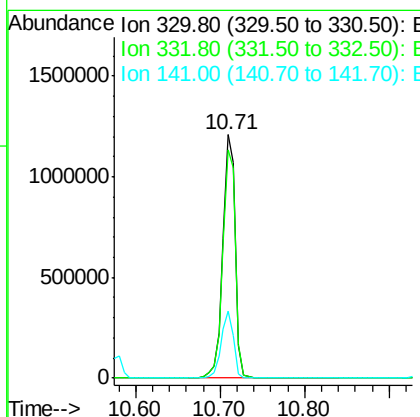
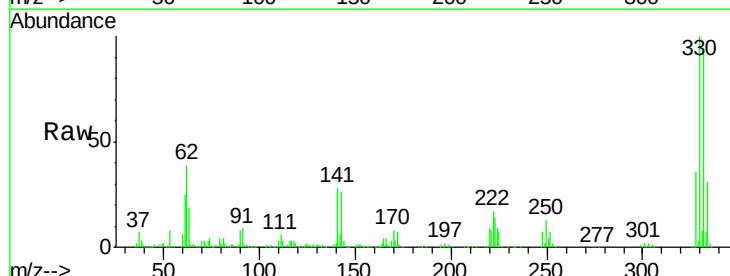
RT: 10.71 min Scan# 1466

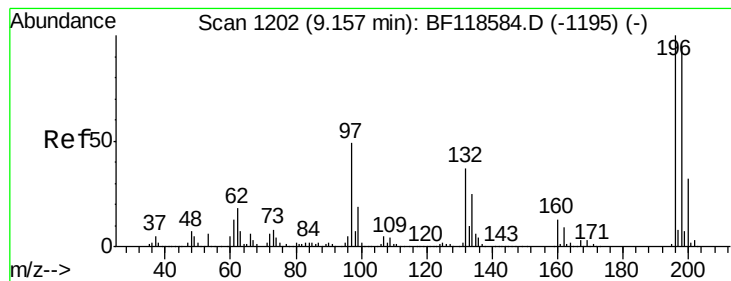
Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	330	Resp:	1240621
Ion Ratio		Lower	Upper
330	100		
332	95.6	76.2	114.4
141	27.6	23.9	35.9





#43

2,4,6-Trichlorophenol

Concen: 42.488 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

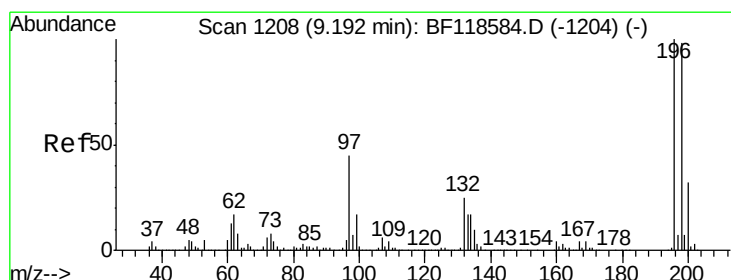
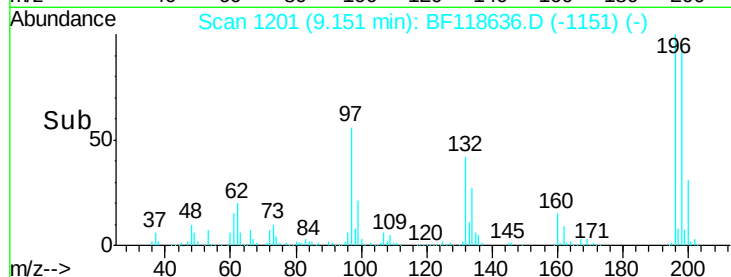
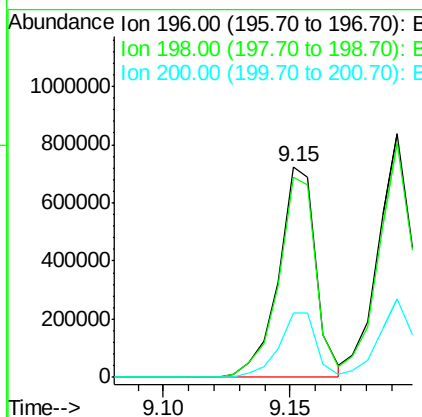
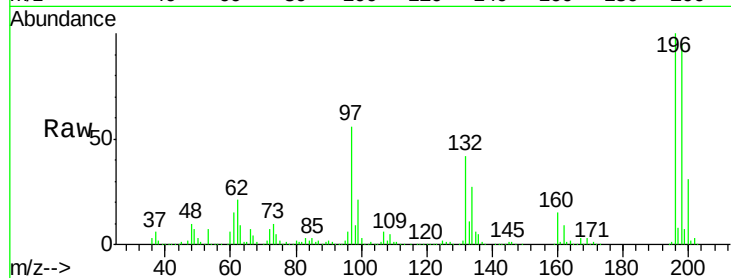
ClientSampled :

PB126132BS

Tot Ion:	196	Resp:	746707
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.3	114.5
200	30.7	25.4	38.2

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#44

2,4,5-Trichlorophenol

Concen: 43.291 ng

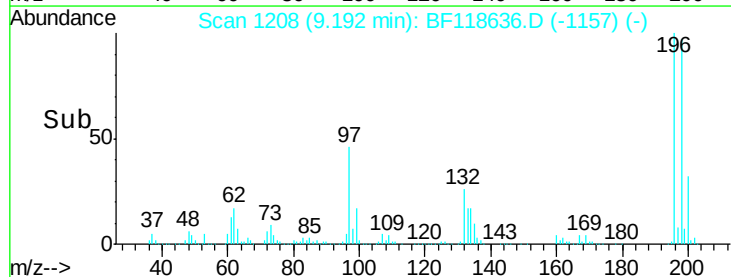
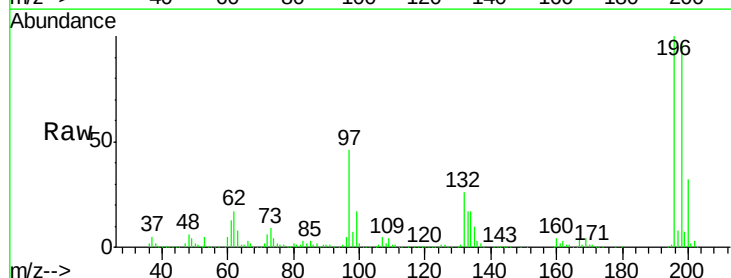
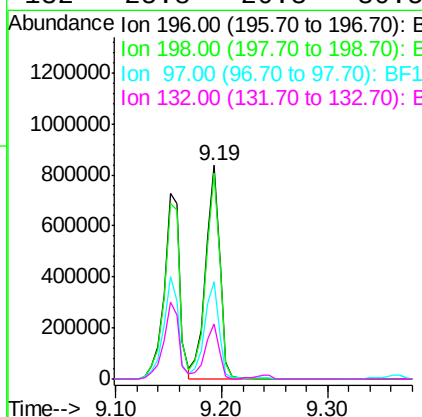
RT: 9.19 min Scan# 1208

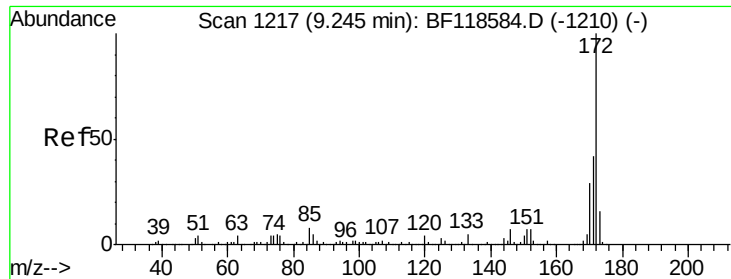
Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	196	Resp:	777022
Ion Ratio	Lower	Upper	
196	100		
198	96.6	78.3	117.5
97	45.6	35.9	53.9
132	25.8	20.3	30.5





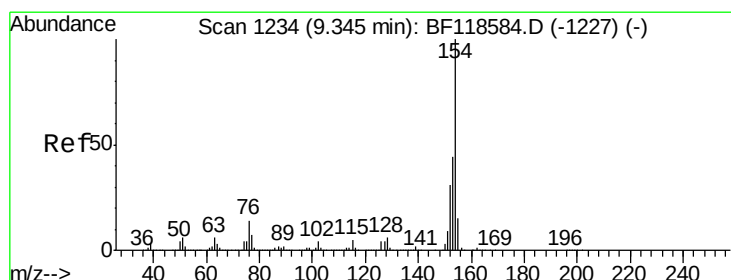
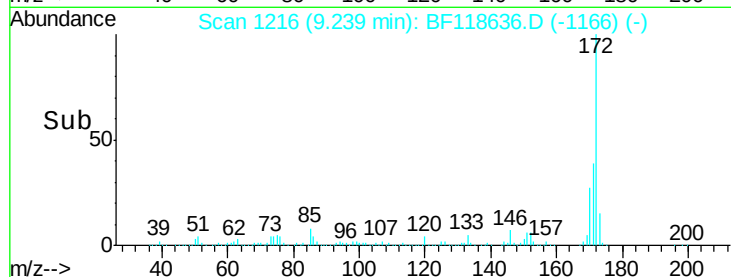
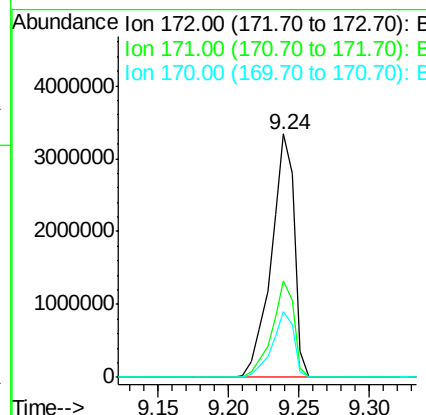
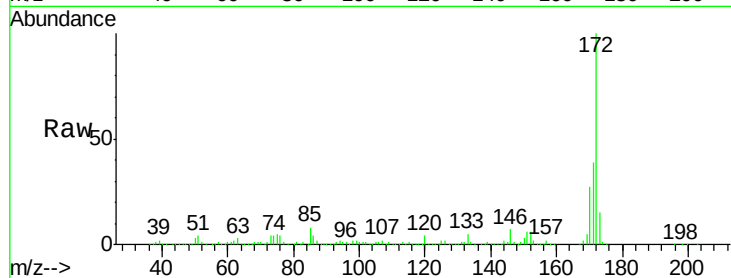
#45
2-Fluorobiphenyl
Concen: 74.240 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:172 Resp: 3823249
Ion Ratio Lower Upper
172 100
171 39.4 33.4 50.2
170 26.9 23.2 34.8

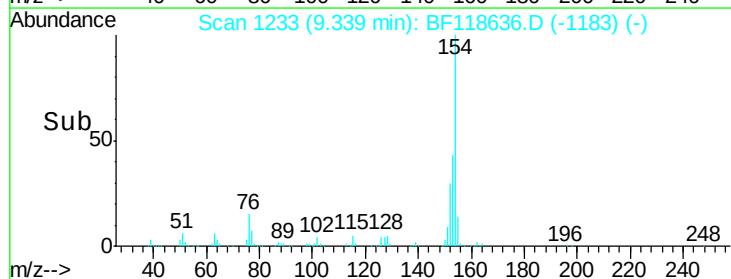
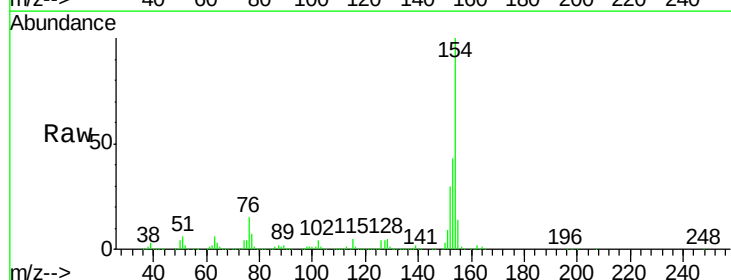
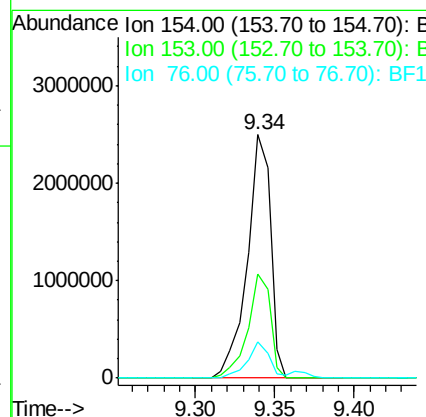
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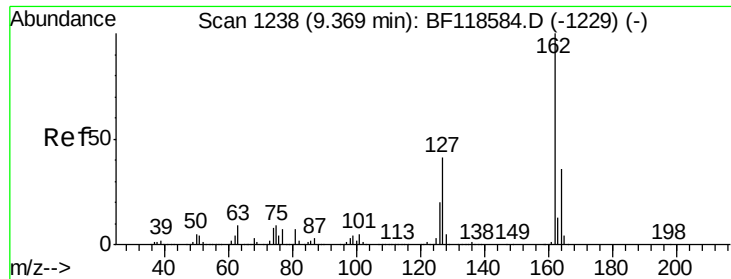
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#46
1,1'-Biphenyl
Concen: 43.418 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:154 Resp: 2532805
Ion Ratio Lower Upper
154 100
153 42.6 23.8 63.8
76 14.9 0.0 34.3





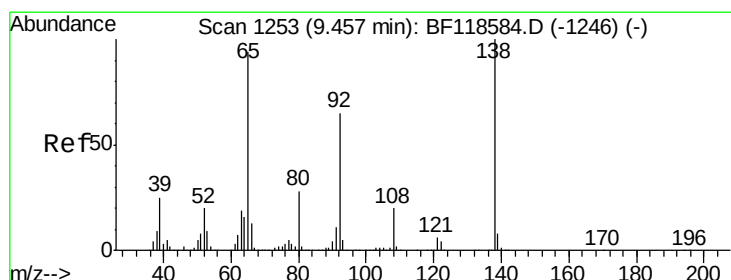
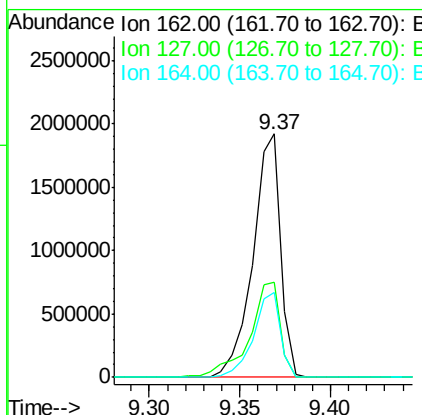
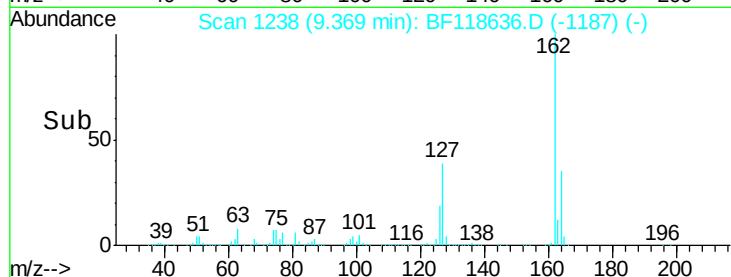
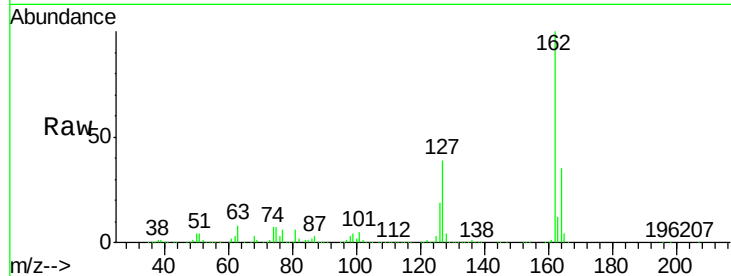
#47
 2-Chloronaphthalene
 Concen: 41.473 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion:	162	Resp:	2039229
Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.0	49.6
164	34.9	28.6	42.8

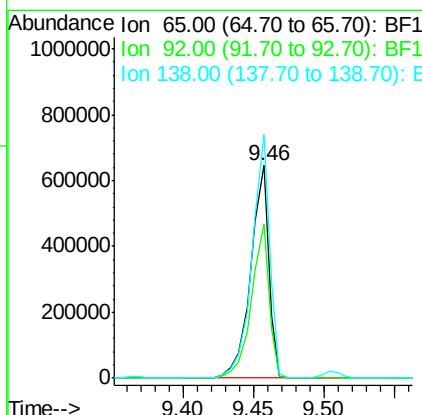
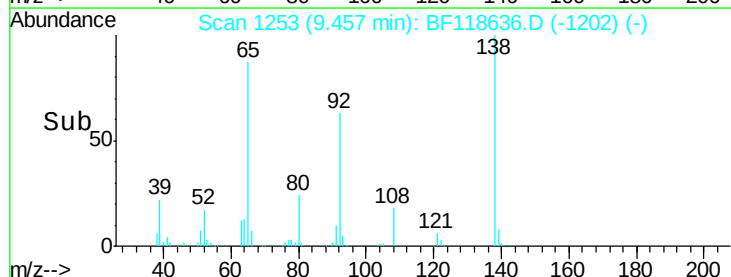
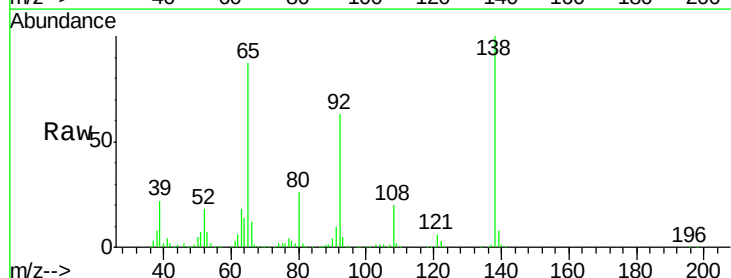
Manual Integrations
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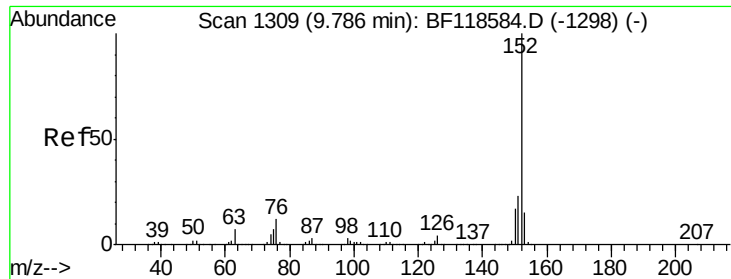
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#48
 2-Nitroaniline
 Concen: 38.707 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion:	65	Resp:	585047
Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.4	83.0
138	114.5	85.0	127.6





#49

Acenaphthylene

Concen: 45.181 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:152 Resp: 3125267

Ion Ratio Lower Upper

152 100

151 22.2 18.6 27.8

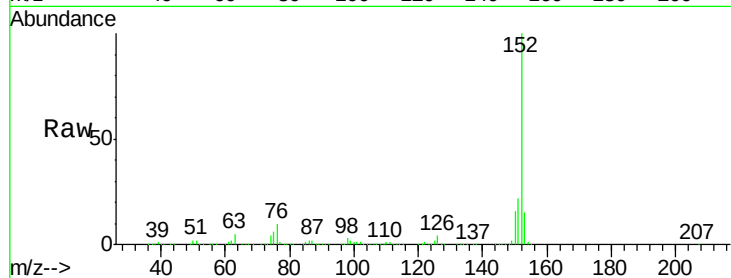
153 14.6 12.2 18.4

Manual Integrations

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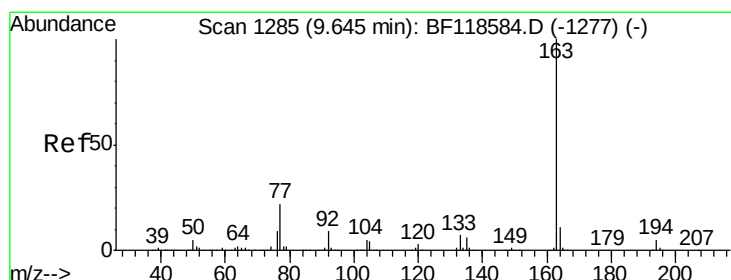
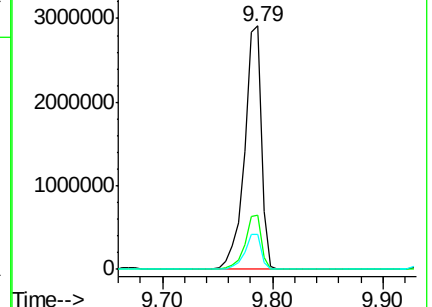
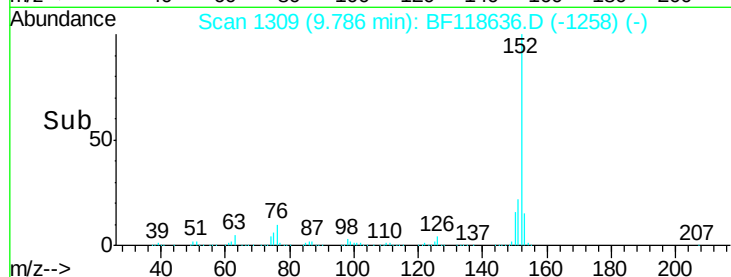
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.885 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

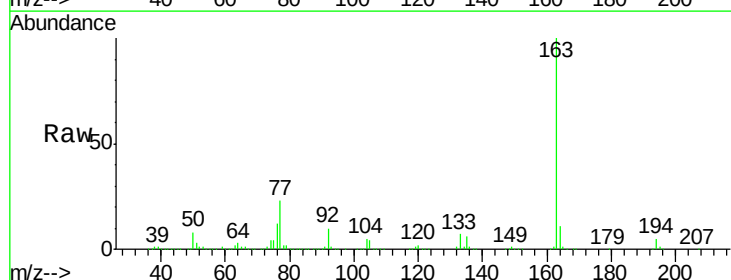
Tgt Ion:163 Resp: 2364954

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

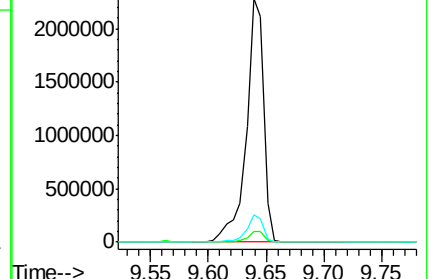
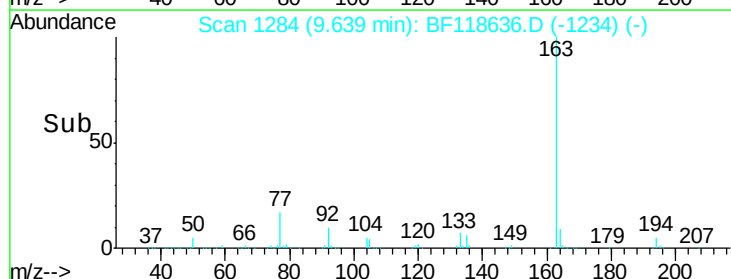
164 11.2 9.1 13.7

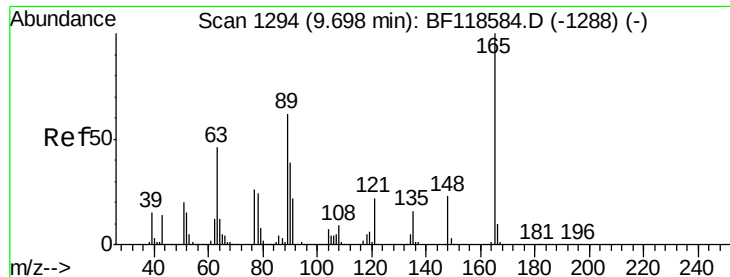


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.246 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

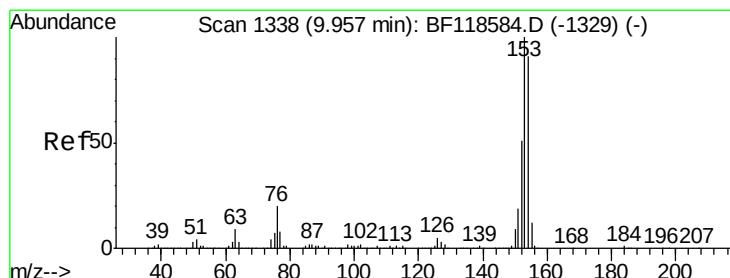
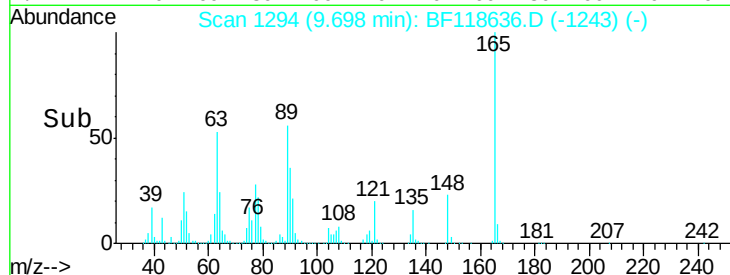
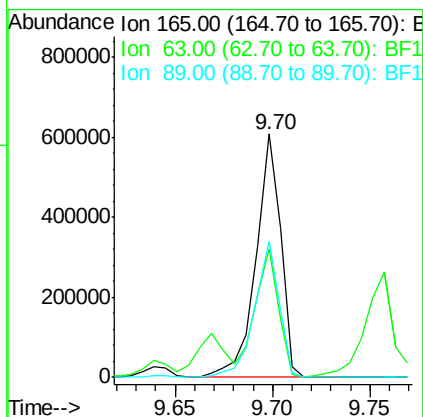
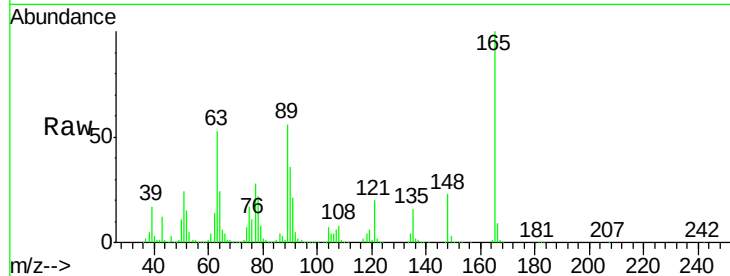
ClientSampleId :

PB126132BS

Tot Ion:	165	Resp:	534039
Ion Ratio	Lower	Upper	
165	100		
63	52.9	48.9	73.3
89	56.0	49.8	74.6

Manual Integrations
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#52

Acenaphthene

Concen: 45.851 ng

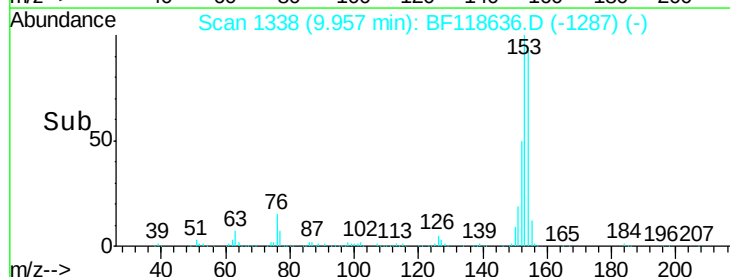
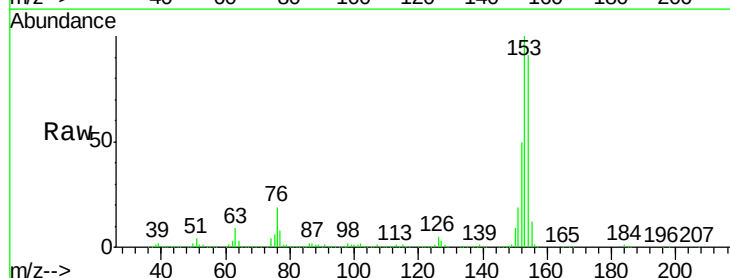
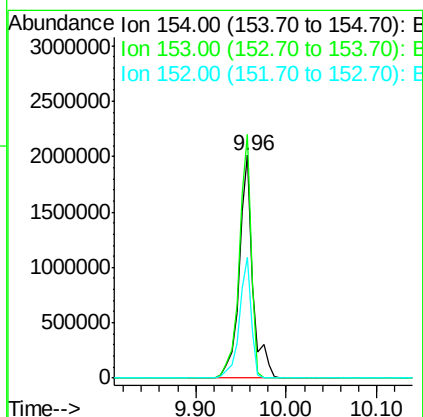
RT: 9.96 min Scan# 1338

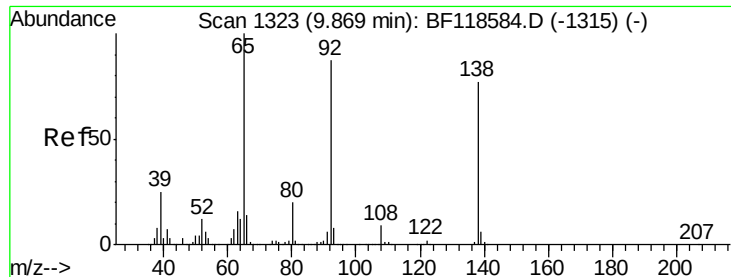
Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:	154	Resp:	2120764
Ion Ratio	Lower	Upper	
154	100		
153	109.3	87.6	131.4
152	54.5	44.4	66.6





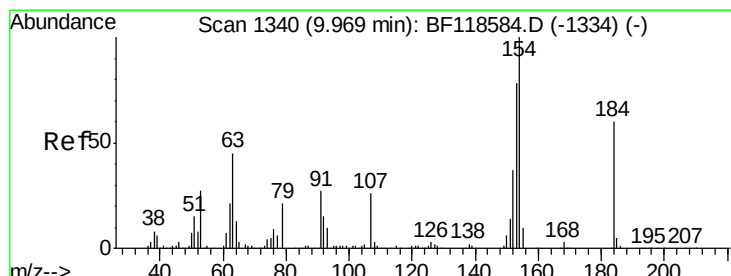
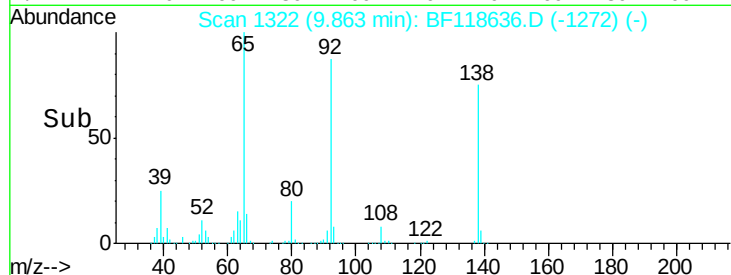
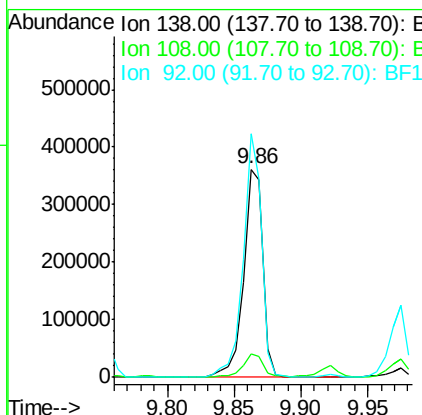
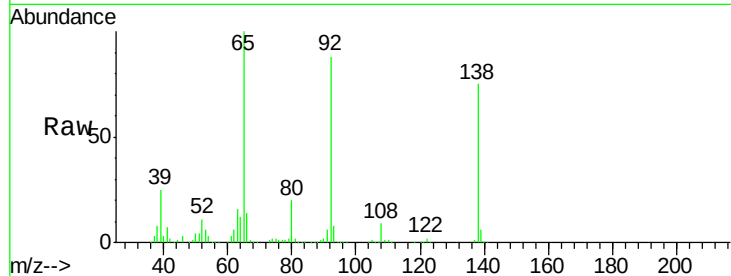
#53
3-Nitroaniline
Concen: 25.411 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.6	14.4
92	117.1	90.6	136.0

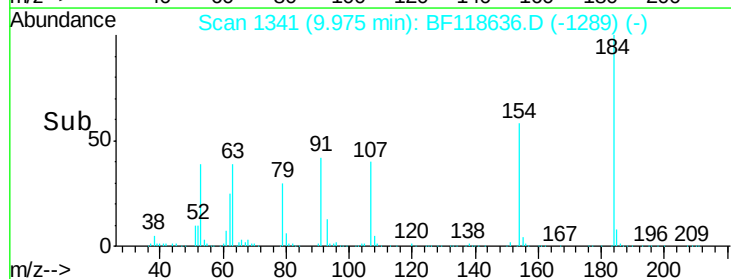
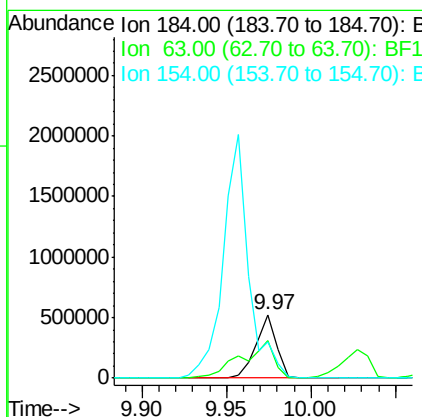
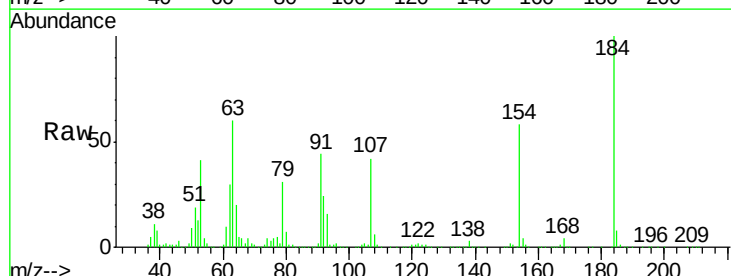
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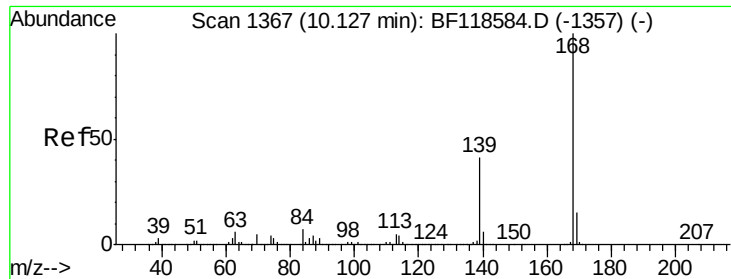
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#54
2,4-Dinitrophenol
Concen: 91.597 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	60.6	90.8#
154	58.3	137.3	205.9#





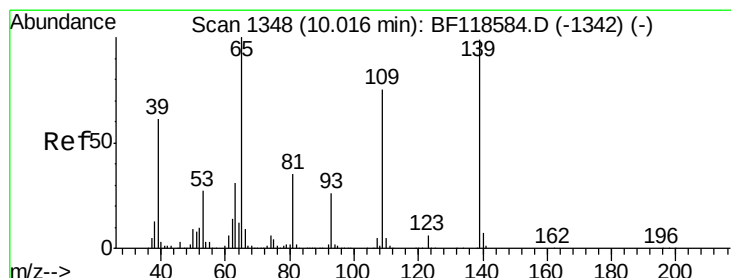
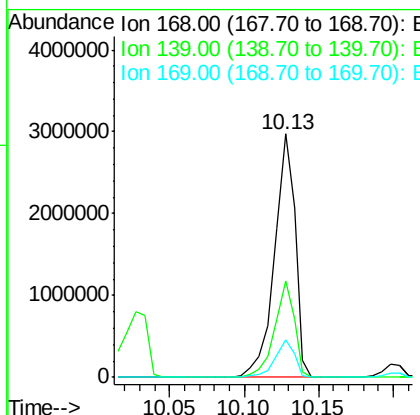
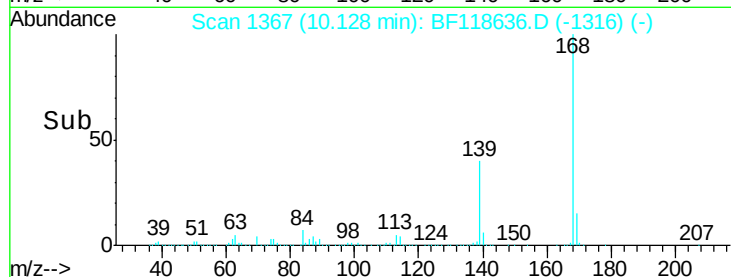
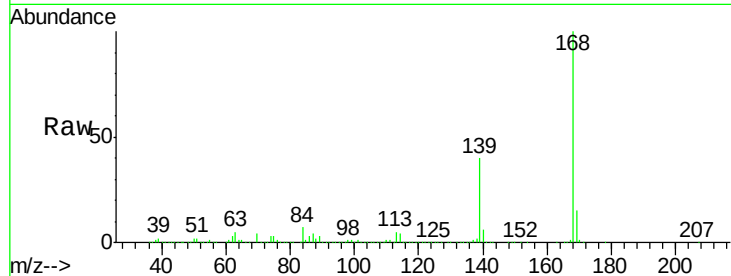
#55
Dibenzofuran
Concen: 44.700 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.7	49.1
169	15.2	12.2	18.2

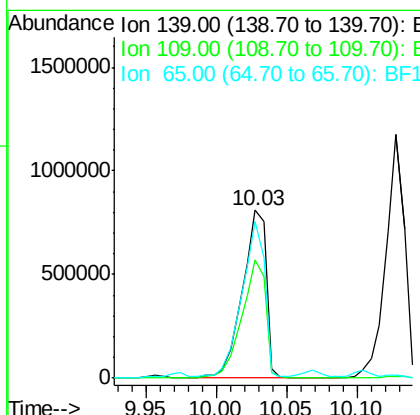
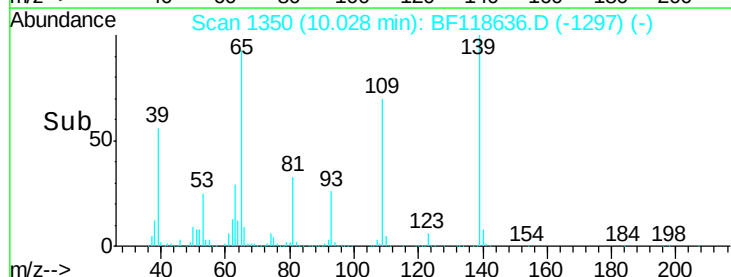
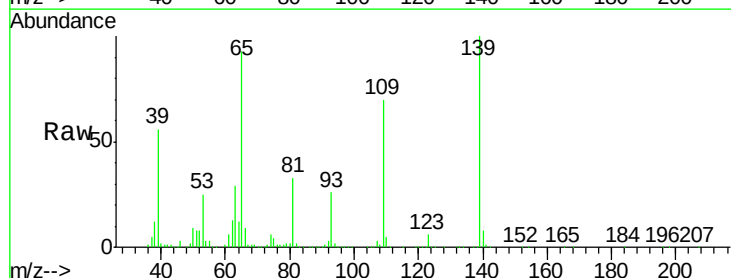
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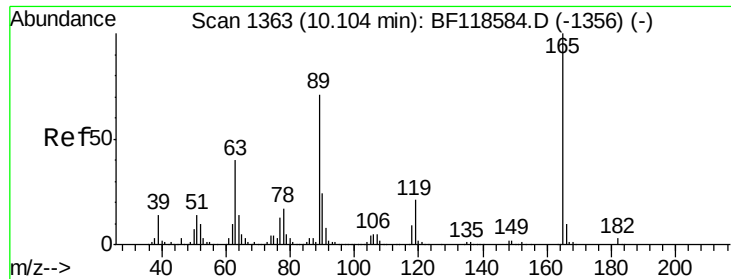
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#56
4-Nitrophenol
Concen: 89.383 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	56.0	96.0
65	93.2	81.4	121.4





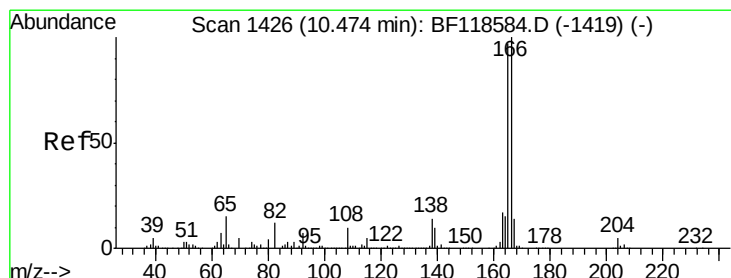
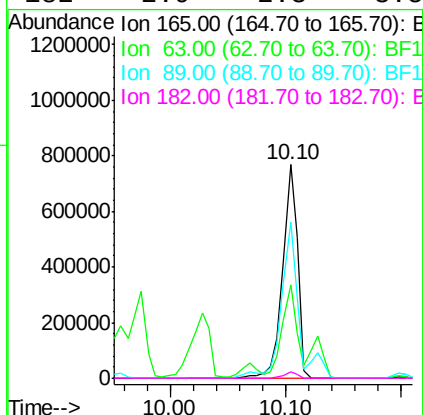
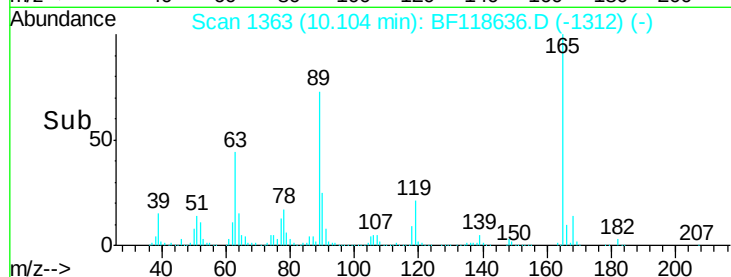
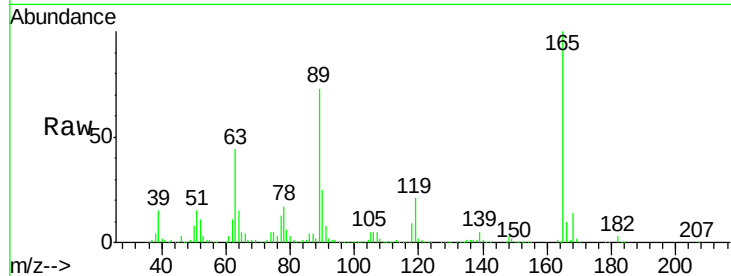
#57
2,4-Dinitrotoluene
Concen: 44.157 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	687414		
63	43.6		32.4	48.6
89	73.2		56.4	84.6
182	2.9		2.3	3.5

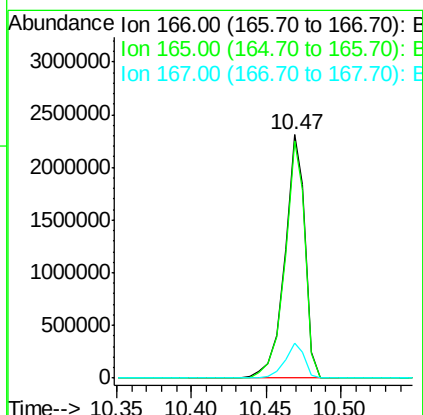
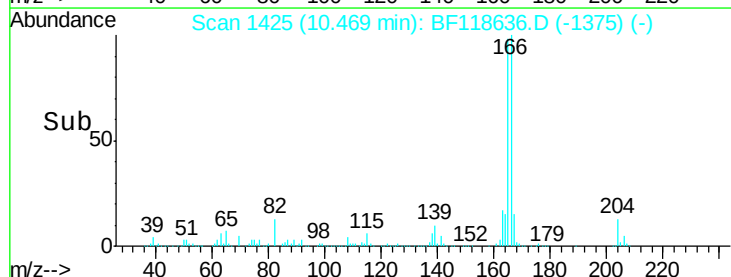
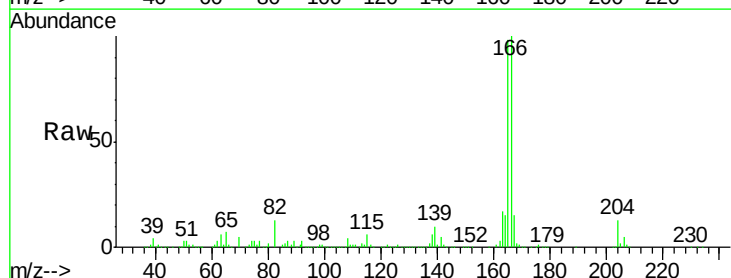
Manual Integrations
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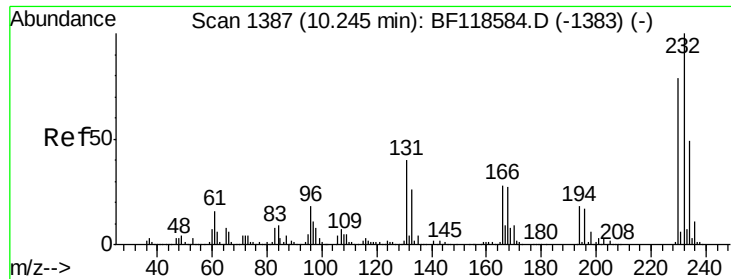
mohammad
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#58
Fluorene
Concen: 43.750 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2201534		
165	97.5		77.3	115.9
167	14.5		11.5	17.3





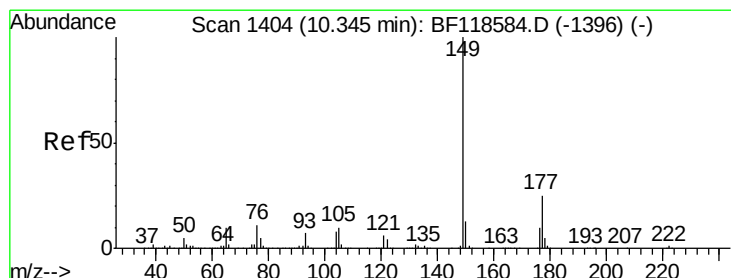
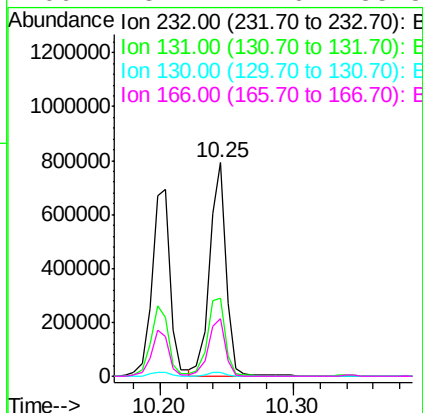
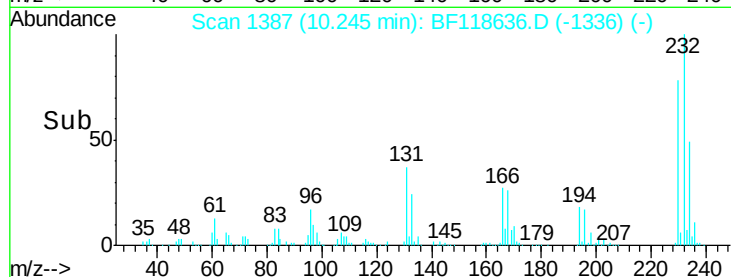
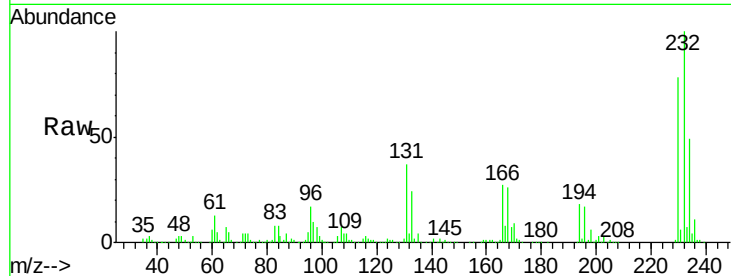
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.031 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	679329		
131	40.5		33.2	49.8
130	2.1		1.8	2.6
166	28.2		22.6	33.8

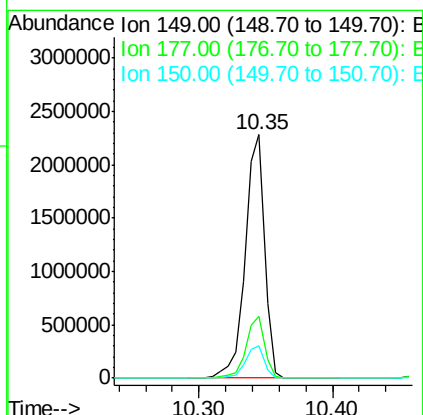
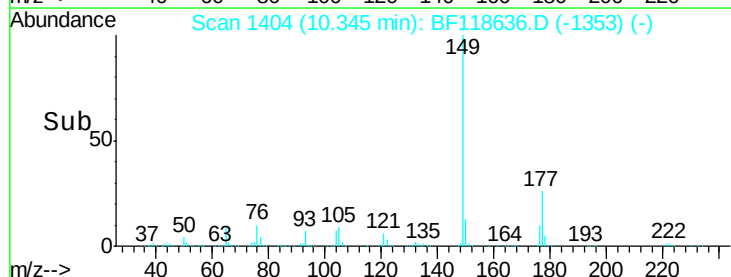
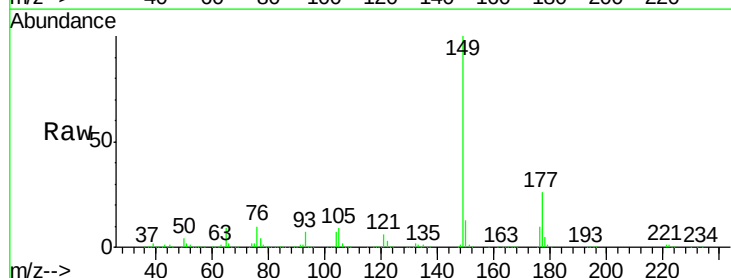
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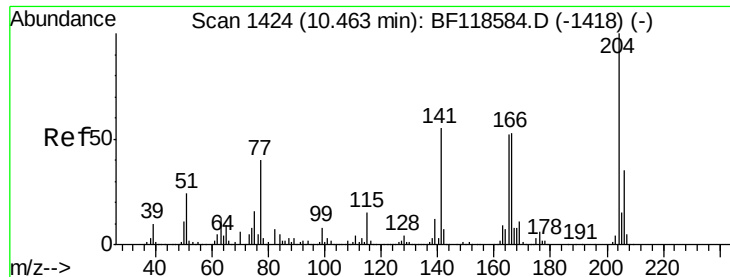
mohammad
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#60
Diethylphthalate
Concen: 42.401 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2267105		
177	25.7		20.0	30.0
150	13.4		10.6	16.0





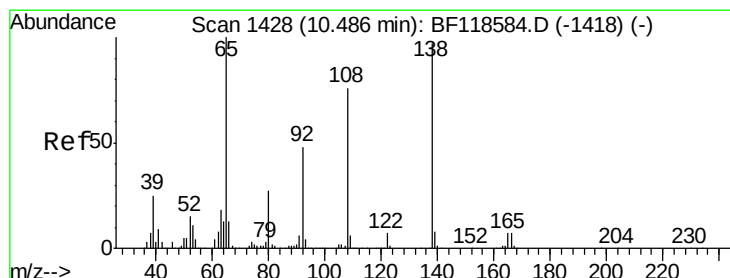
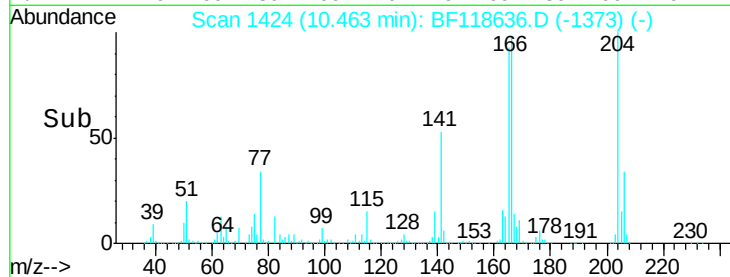
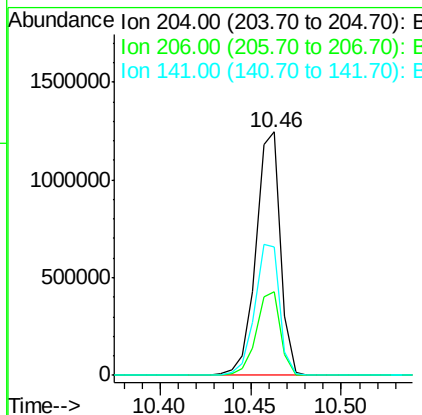
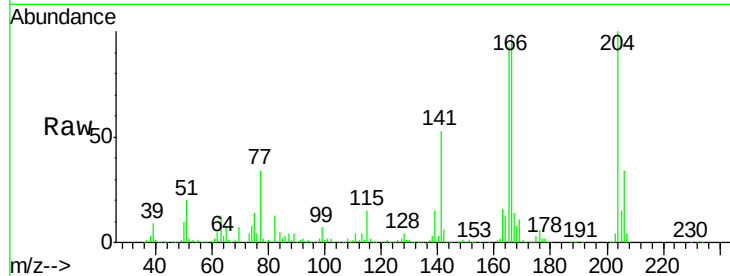
#61
 4-Chlorophenyl-phenylether
 Concen: 42.749 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.8	41.6
141	52.6	43.7	65.5

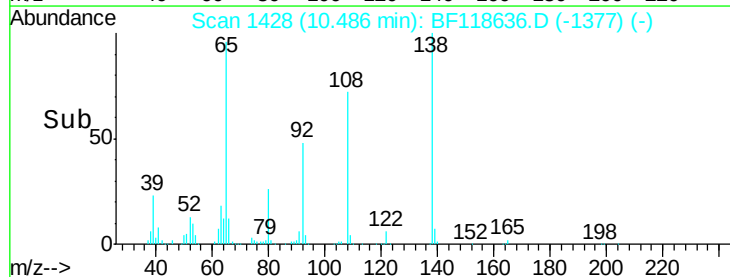
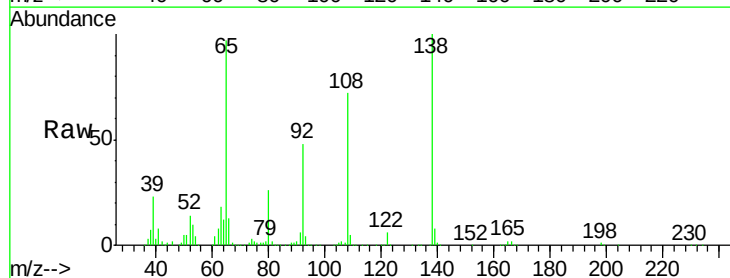
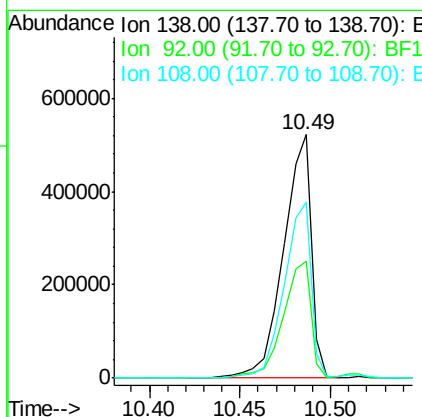
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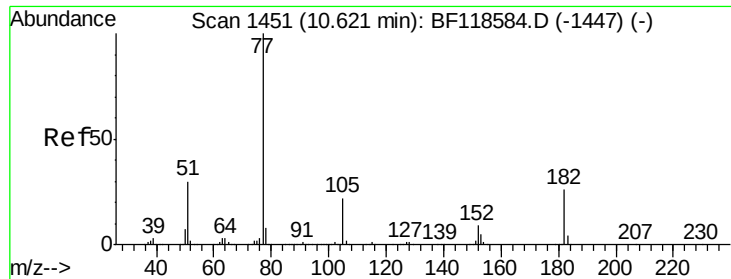
mohammad
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#62
 4-Nitroaniline
 Concen: 38.752 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	29.4	69.4
108	72.2	58.2	98.2





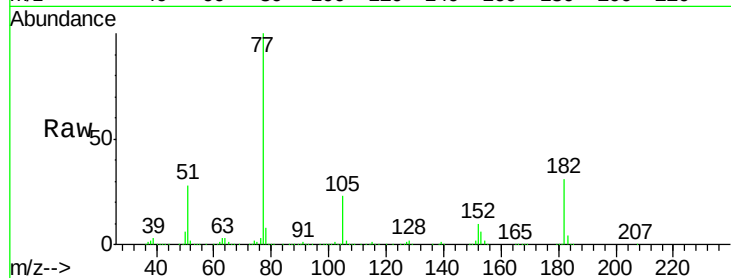
#63
Azobenzene
Concen: 42.994 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

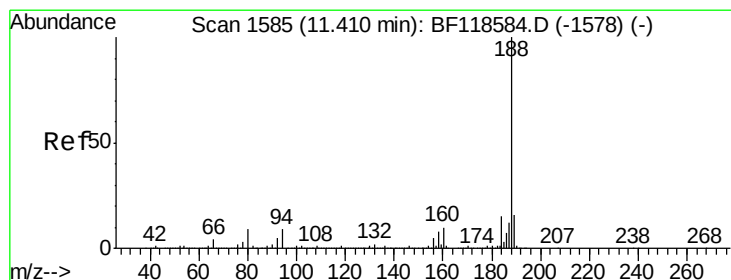
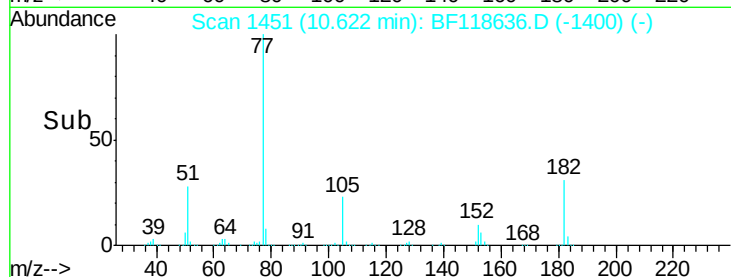
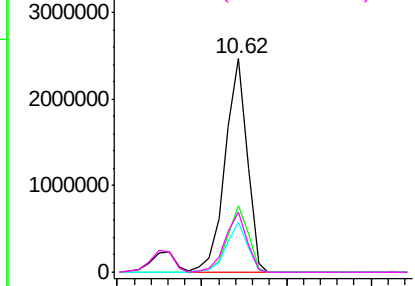
Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	5.6	45.6
105	23.4	2.0	42.0
51	28.4	10.2	50.2

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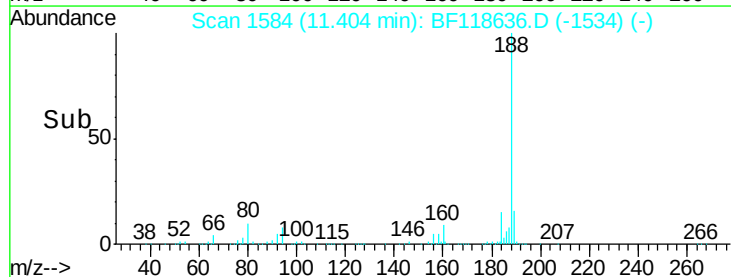
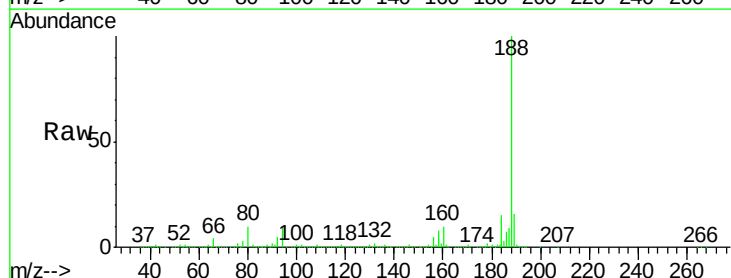
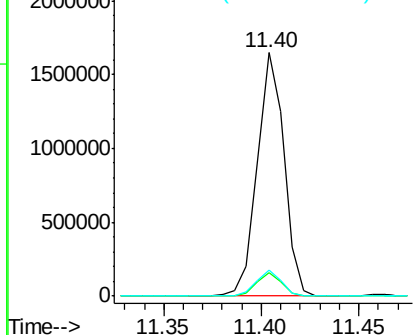
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

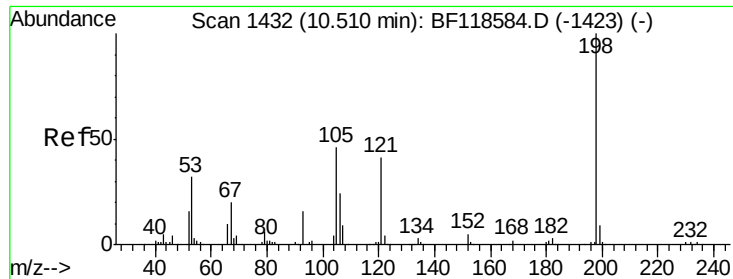


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.5	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





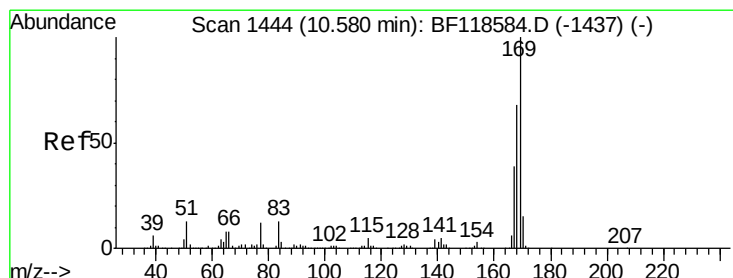
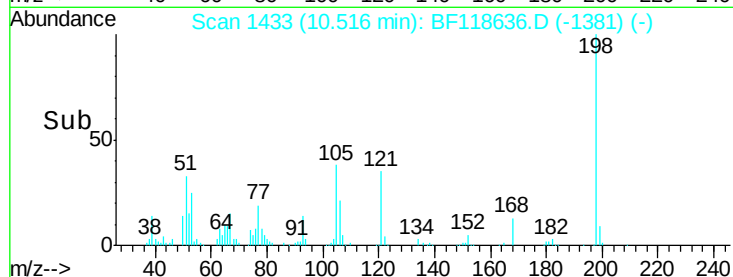
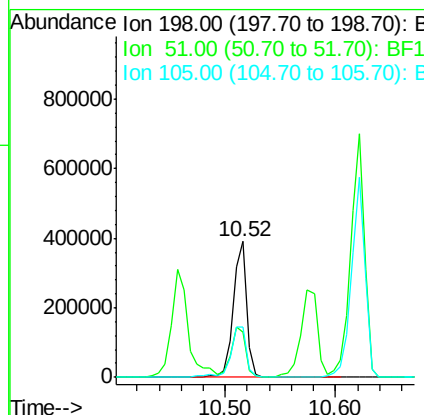
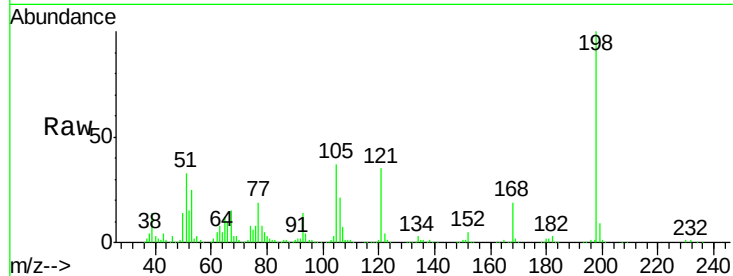
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.516 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	334985		
51	32.8		25.2	65.2
105	37.1		26.3	66.3

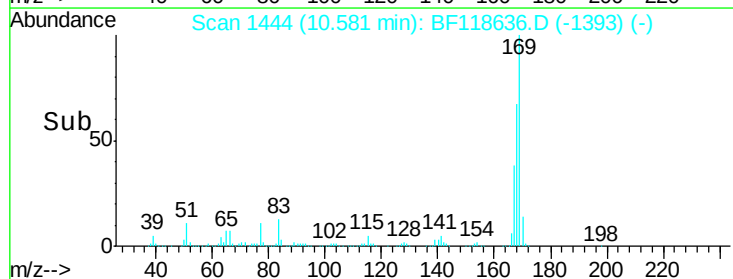
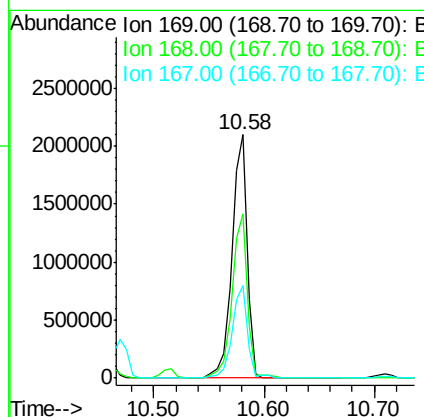
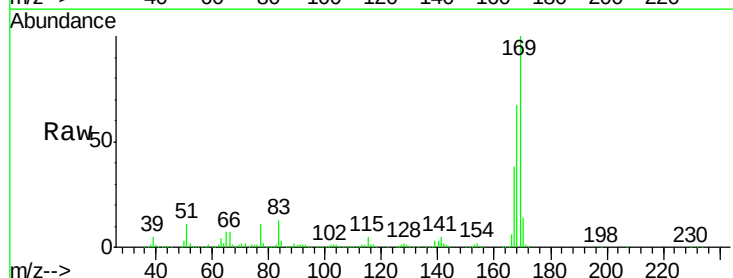
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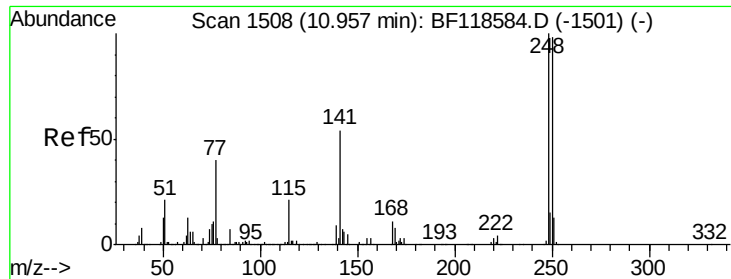
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#66
 n-Nitrosodiphenylamine
 Concen: 42.770 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2025341		
168	67.4		54.6	82.0
167	38.1		30.9	46.3





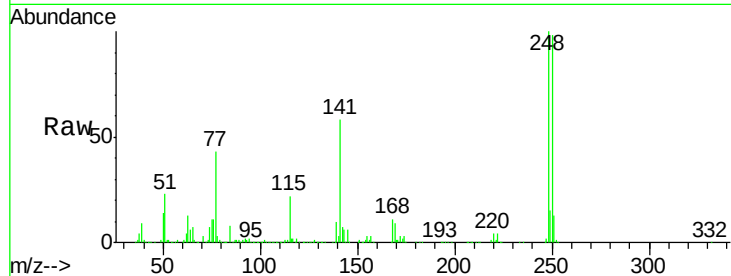
#67
4-Bromophenyl-phenylether
Concen: 40.991 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

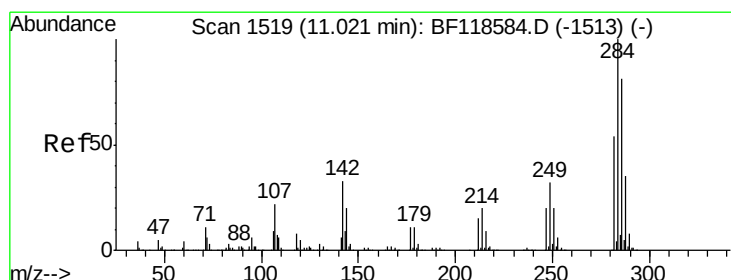
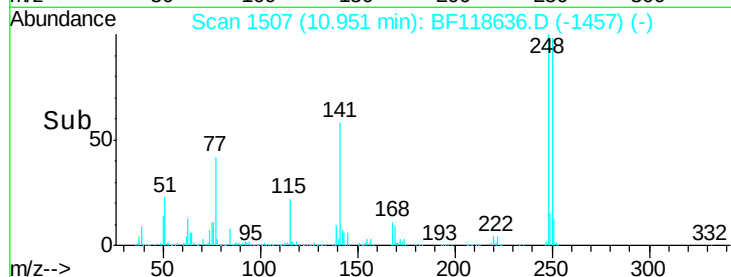
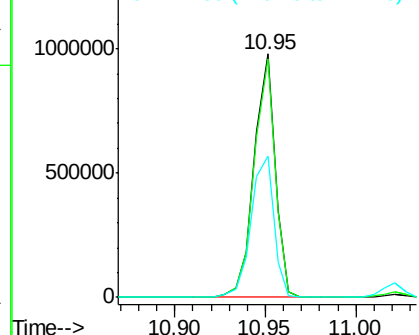
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	58.0	43.2	64.8

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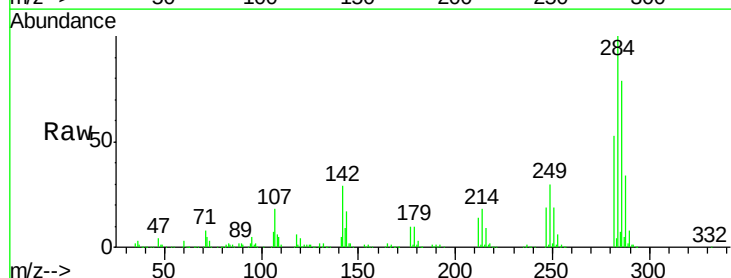


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

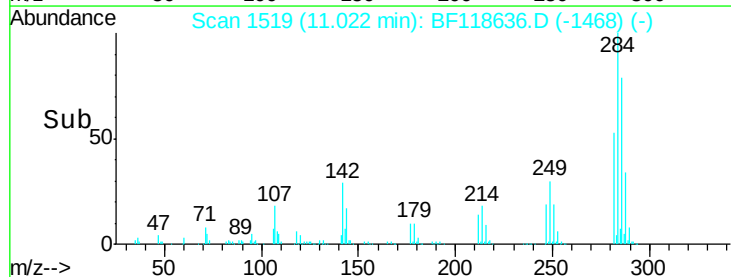
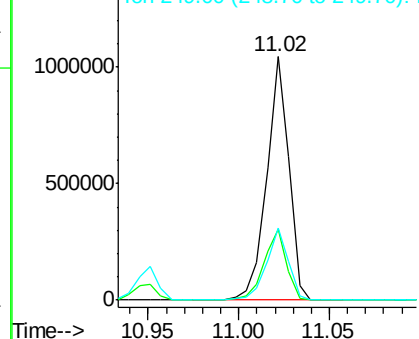


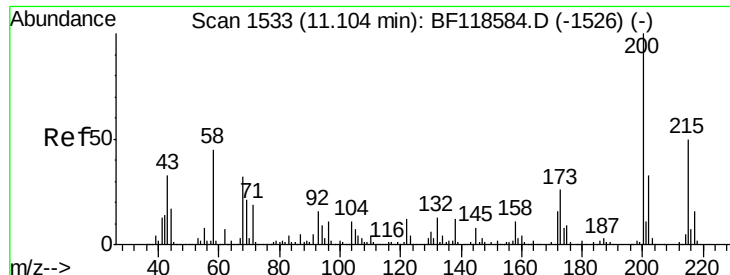
#68
Hexachlorobenzene
Concen: 40.328 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	26.6	39.8
249	29.9	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





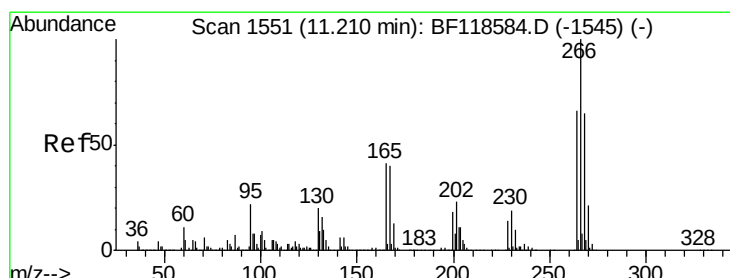
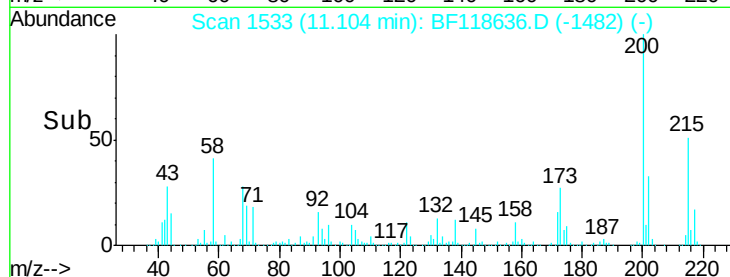
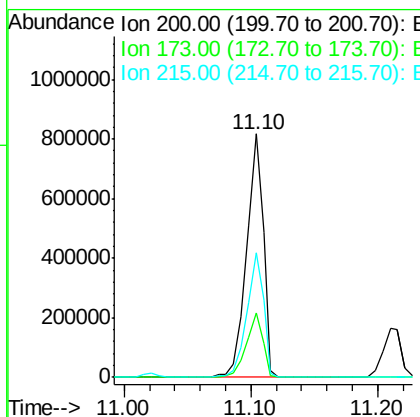
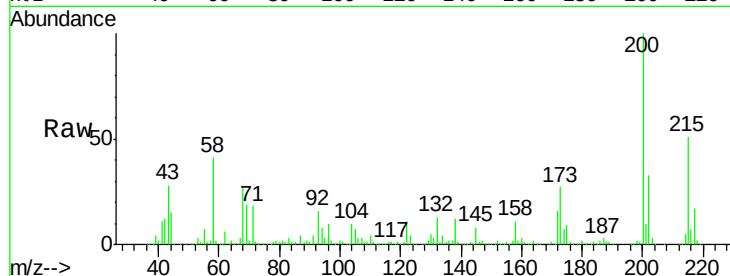
#69
Atrazine
Concen: 45.419 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :
PB126132BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.3	46.3
215	51.1	30.2	70.2

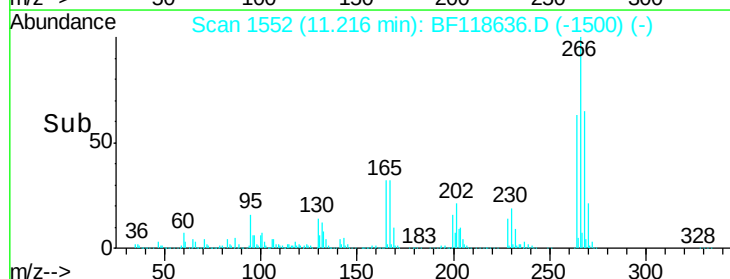
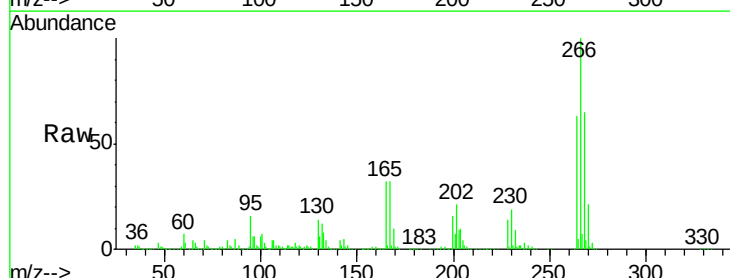
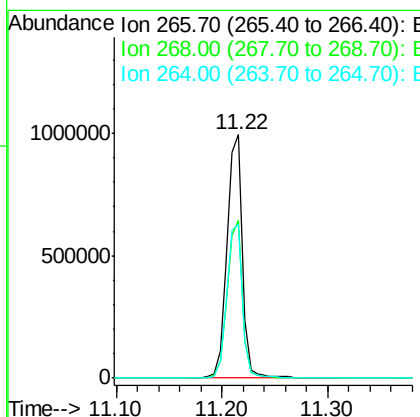
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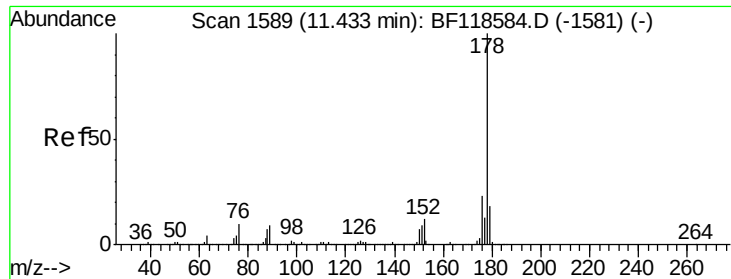
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#70
Pentachlorophenol
Concen: 81.884 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.1	78.1
264	63.3	52.4	78.6





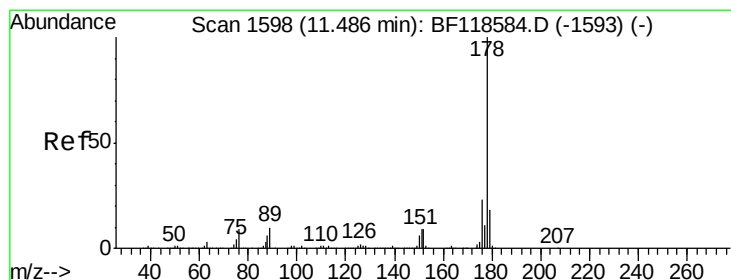
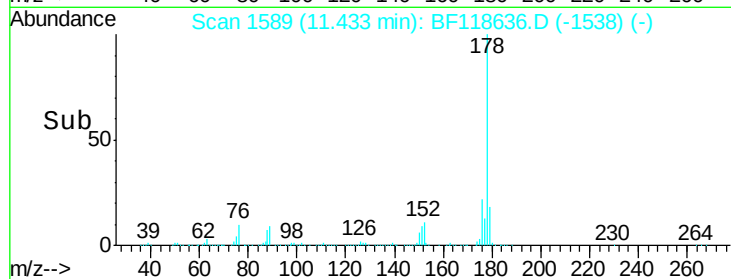
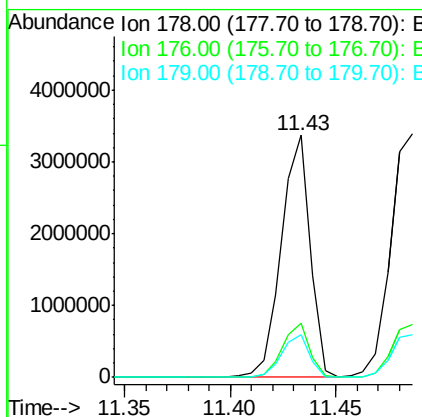
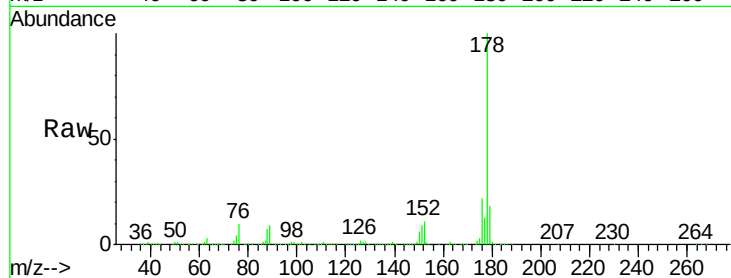
#71
Phenanthrene
Concen: 42.442 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:178 Resp: 3215165
Ion Ratio Lower Upper
178 100
176 22.5 18.6 27.8
179 17.9 14.7 22.1

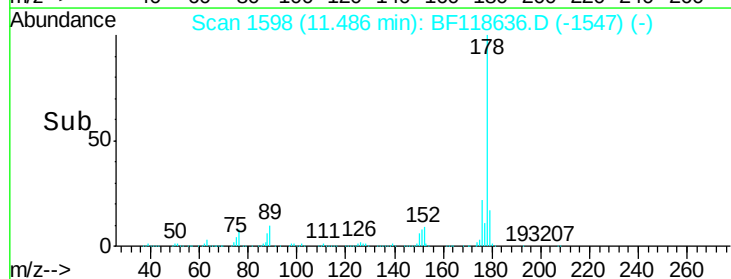
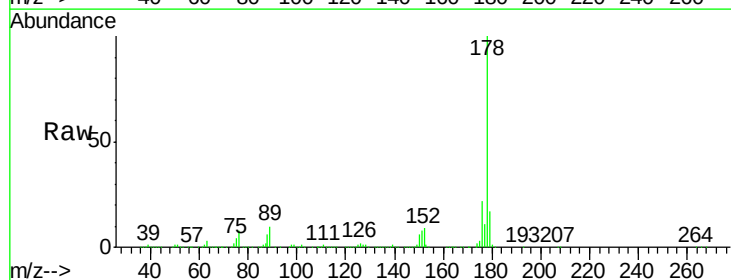
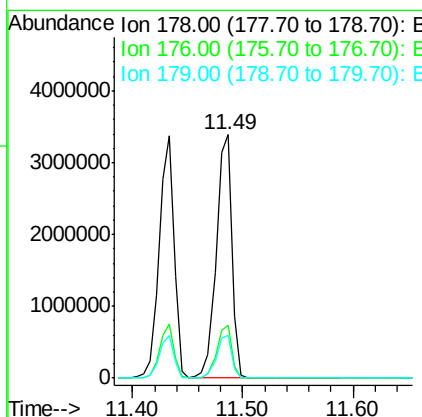
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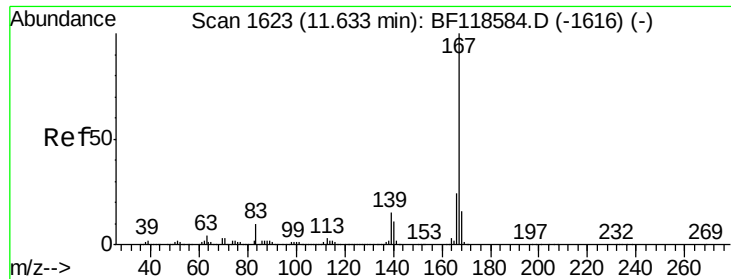
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#72
Anthracene
Concen: 44.039 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:178 Resp: 3301084
Ion Ratio Lower Upper
178 100
176 21.7 18.0 27.0
179 17.5 14.7 22.1





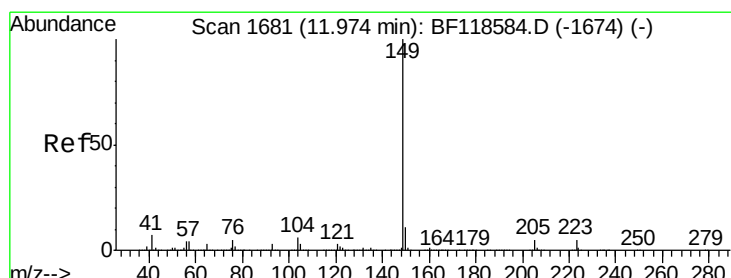
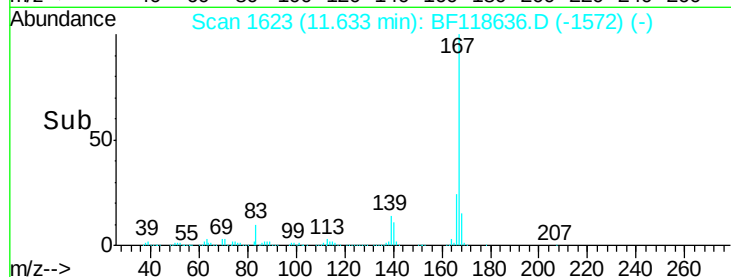
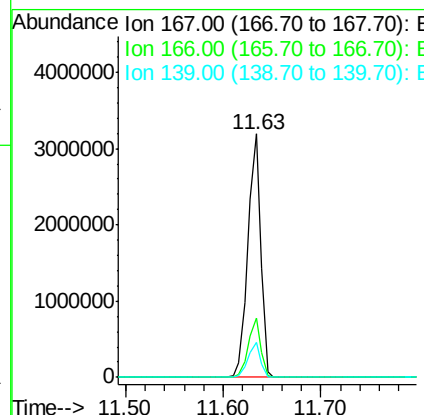
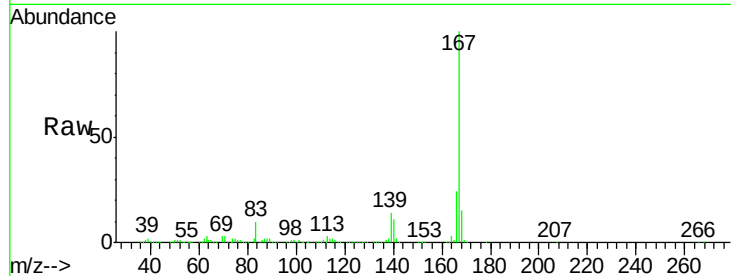
#73
 Carbazole
 Concen: 42.710 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.2
139	14.2	11.7	17.5

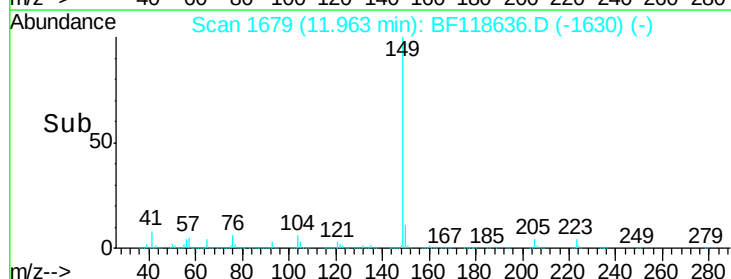
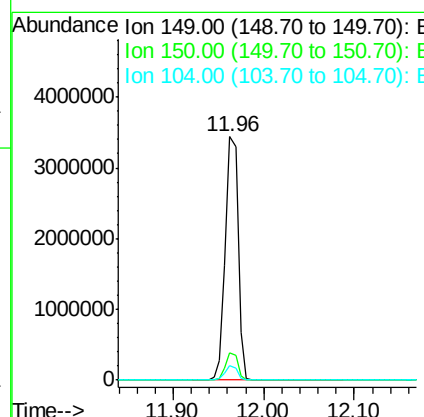
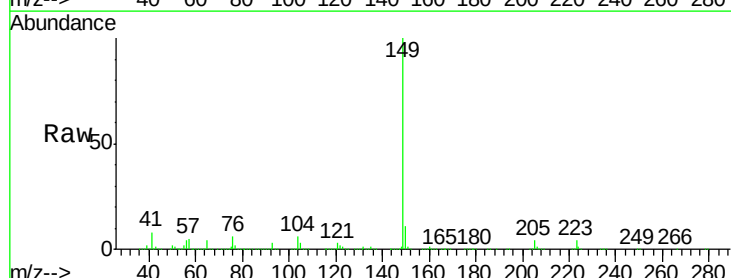
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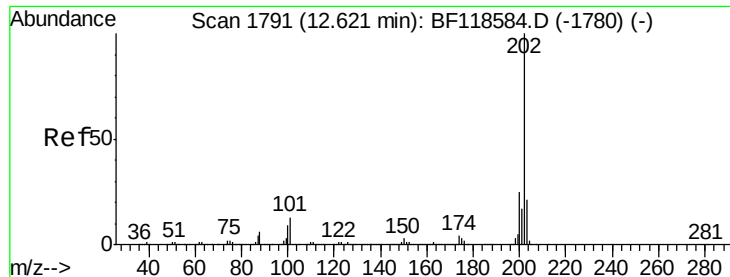
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#74
 Di-n-butylphthalate
 Concen: 43.534 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.7	13.1
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 42.991 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:202 Resp: 3434889

Ion Ratio Lower Upper

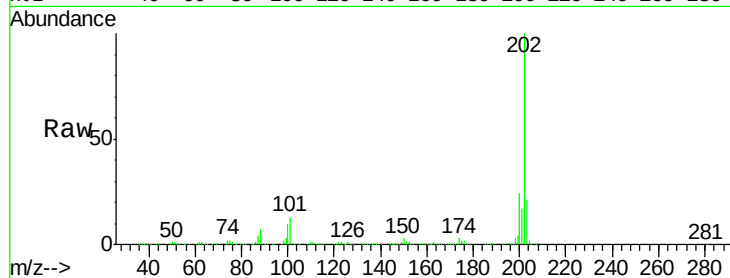
202 100

101 13.1 0.0 32.5

203 20.6 0.8 40.8

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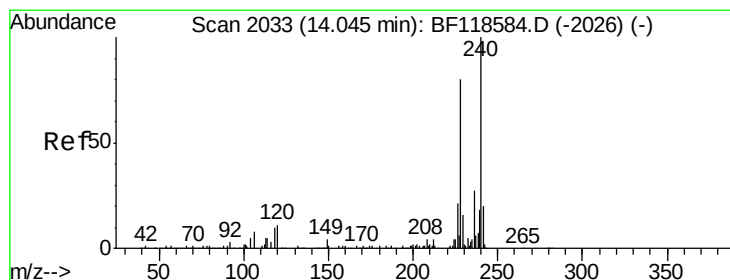
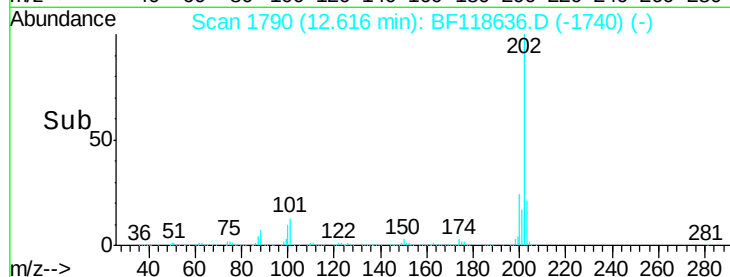
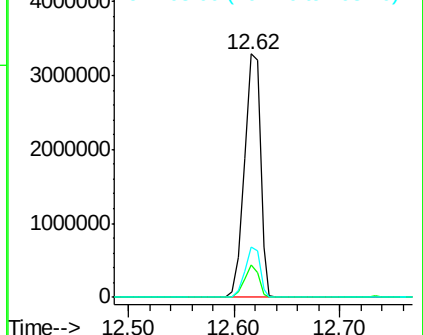
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Tgt Ion:240 Resp: 1186208

Ion Ratio Lower Upper

240 100

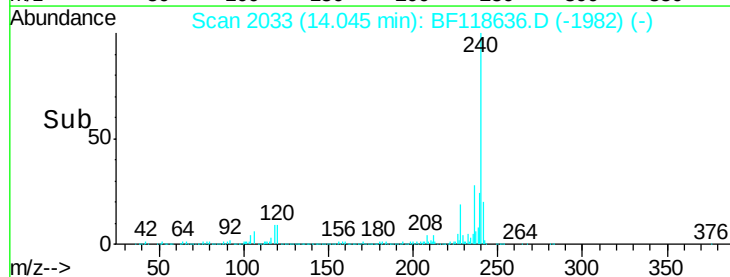
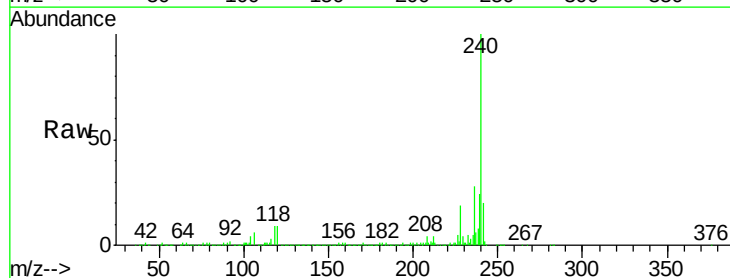
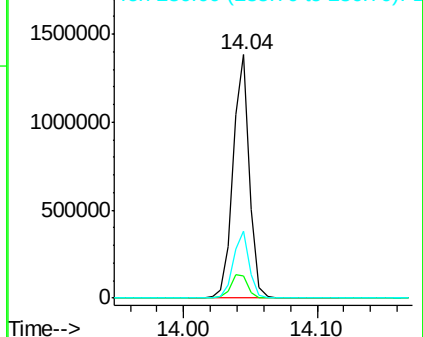
120 9.3 8.9 13.3

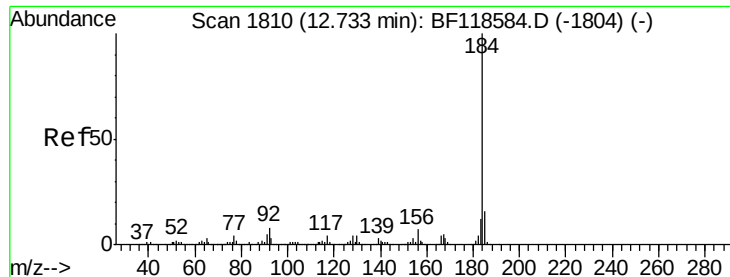
236 27.6 21.5 32.3

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.524 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:184 Resp: 2013368

Ion Ratio Lower Upper

184 100

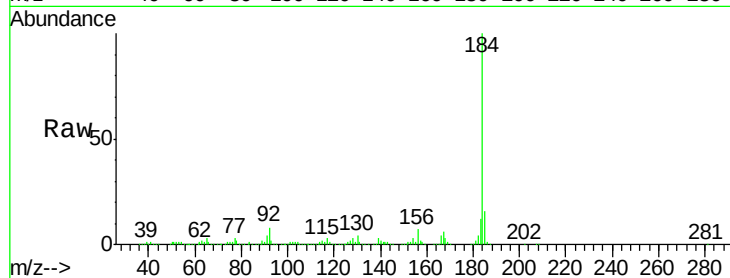
185 15.9 12.9 19.3

183 12.5 9.6 14.4

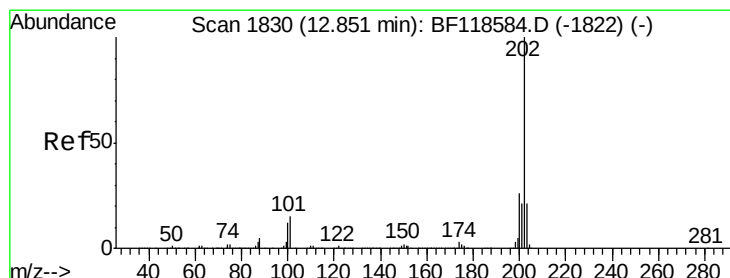
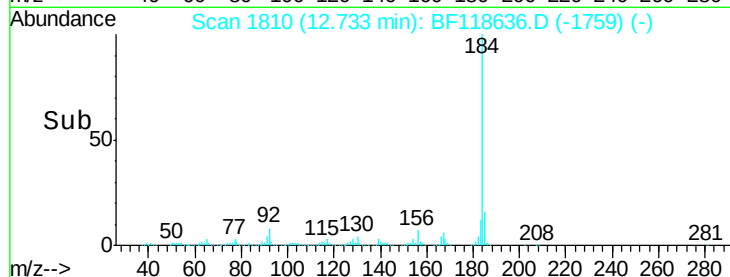
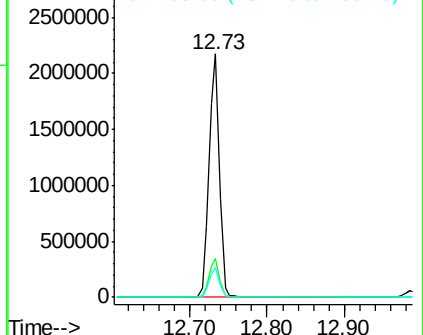
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.174 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

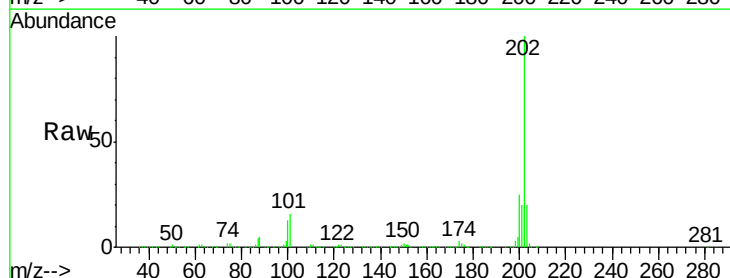
Tgt Ion:202 Resp: 3476894

Ion Ratio Lower Upper

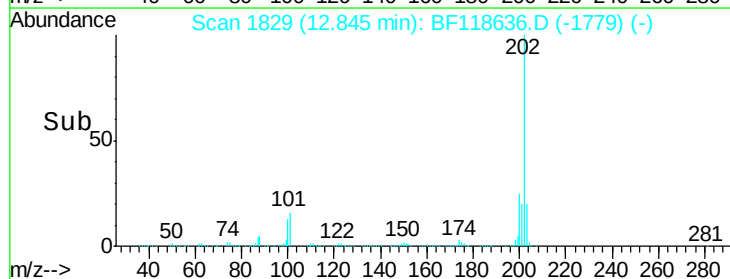
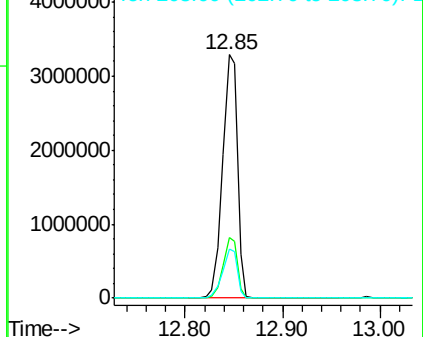
202 100

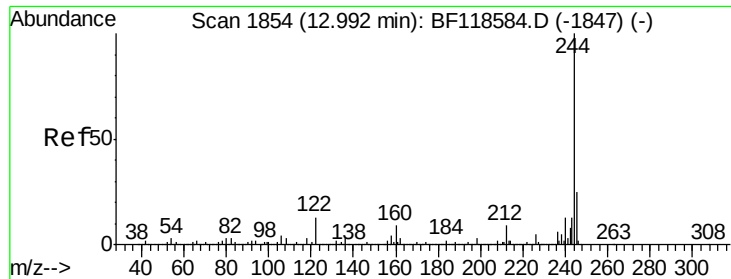
200 24.7 20.6 31.0

203 20.1 16.8 25.2



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: 78.822 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:244 Resp: 4286788

Ion Ratio Lower Upper

244 100

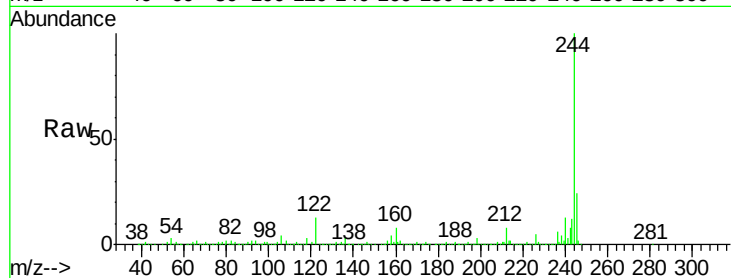
212 8.2 7.0 10.4

122 12.5 10.7 16.1

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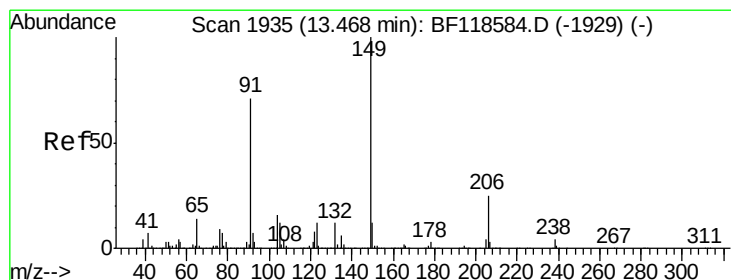
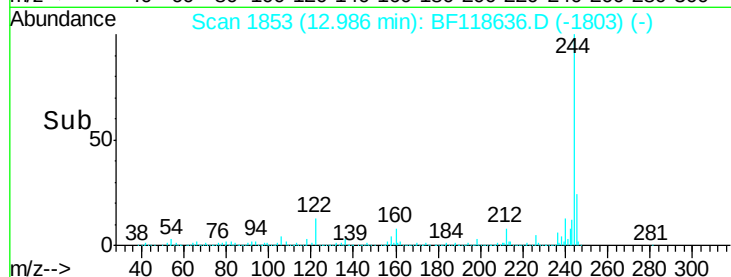
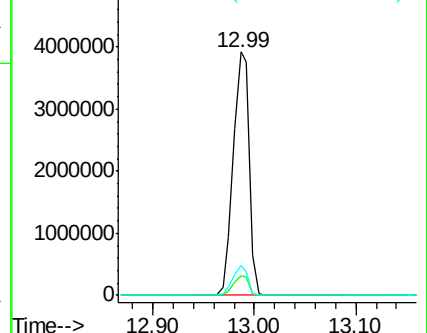
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.508 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118636.D

Acq: 21 Jan 2020 15:46

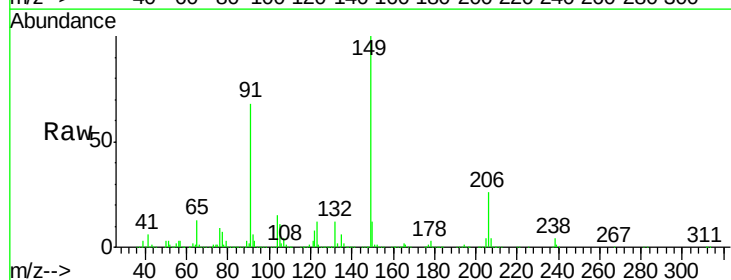
Tgt Ion:149 Resp: 1433972

Ion Ratio Lower Upper

149 100

91 68.1 56.5 84.7

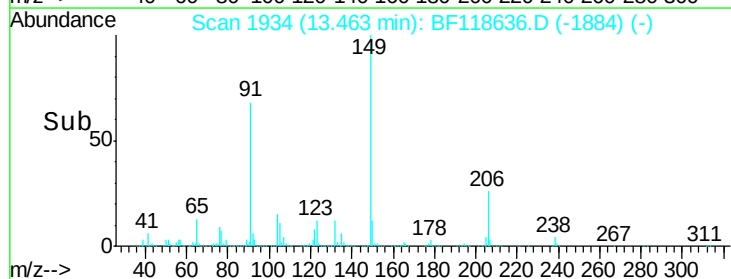
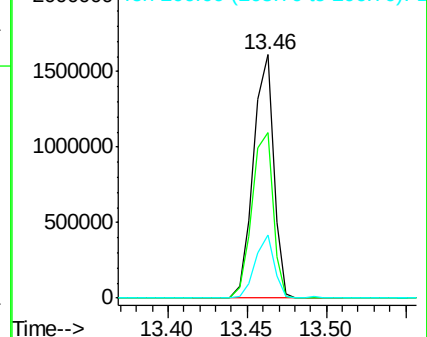
206 25.7 19.9 29.9

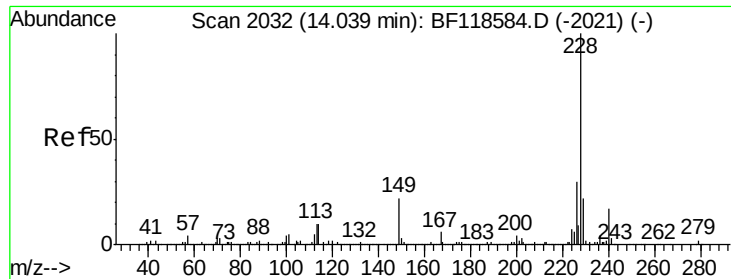


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





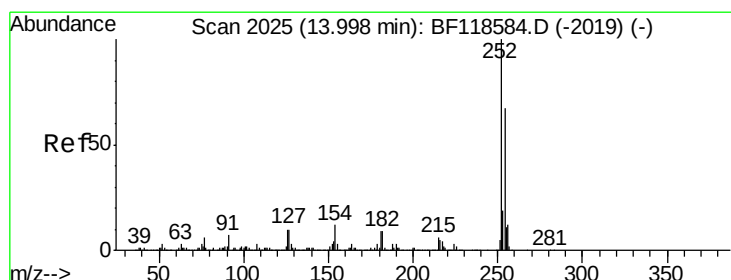
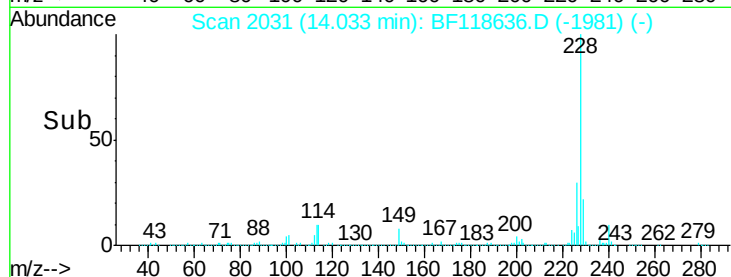
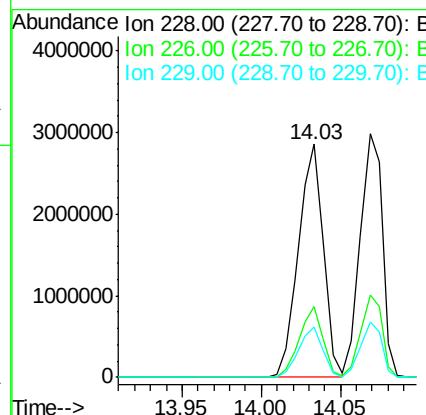
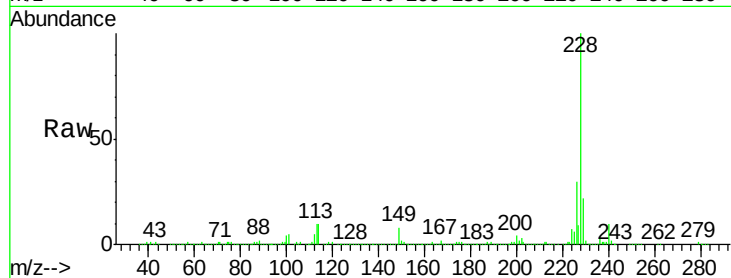
#81
Benzo(a)anthracene
Concen: 43.471 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	21.9	17.6	26.4

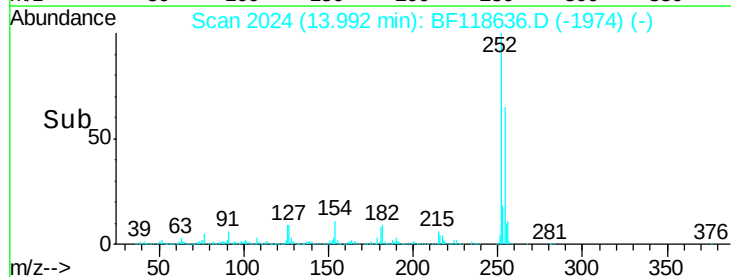
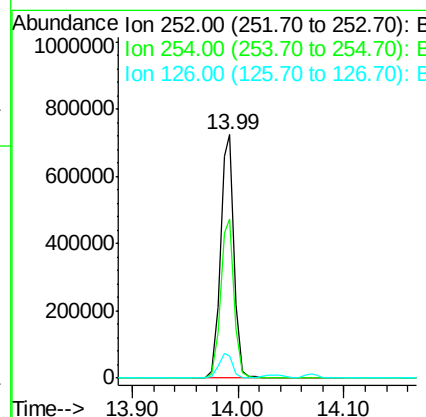
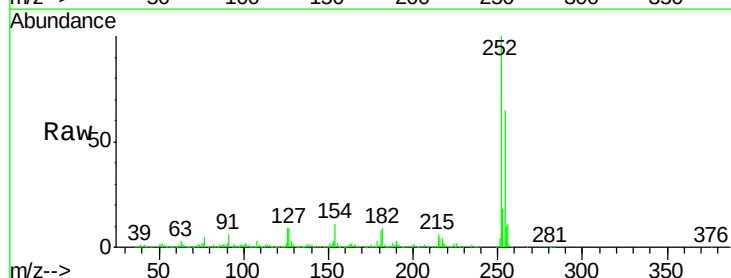
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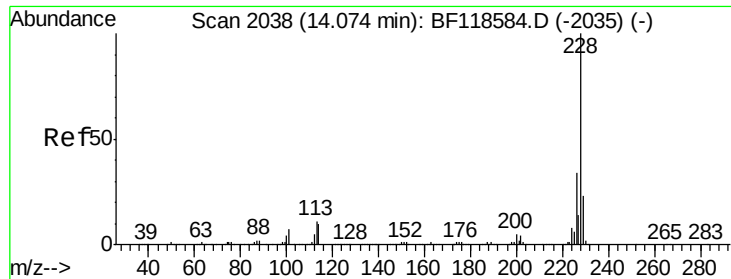
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#82
3,3'-Dichlorobenzidine
Concen: 26.162 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.4	80.2
126	9.0	8.0	12.0





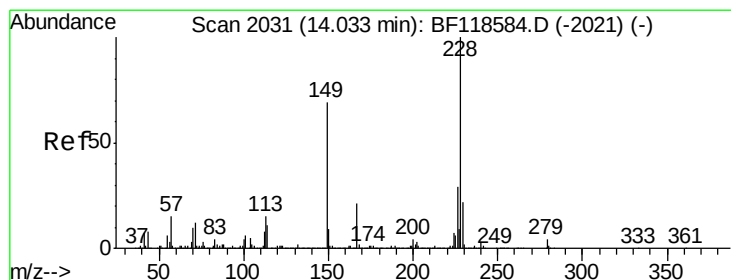
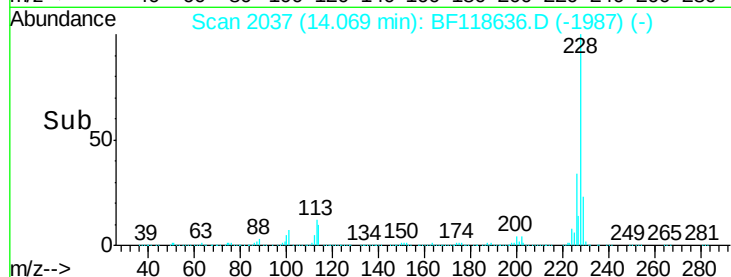
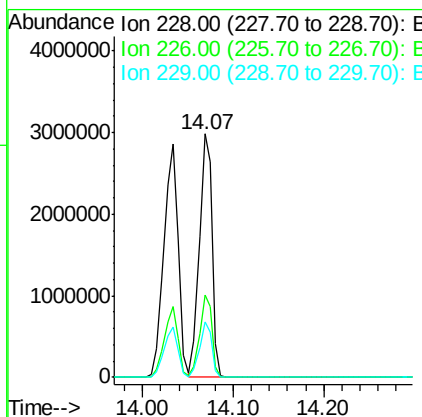
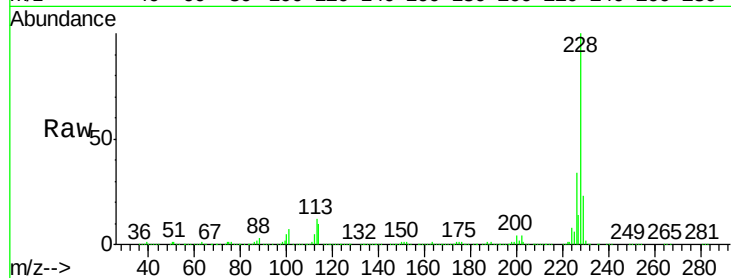
#83
 Chrysene
 Concen: 42.784 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.4	41.0
229	22.5	18.3	27.5

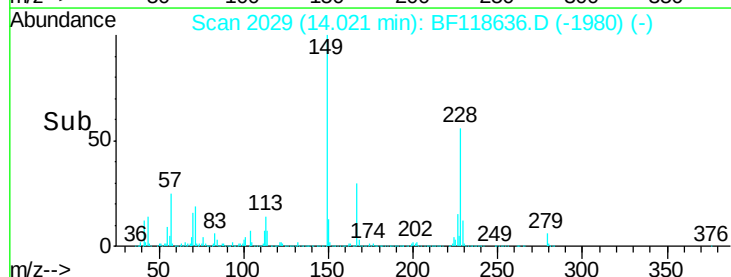
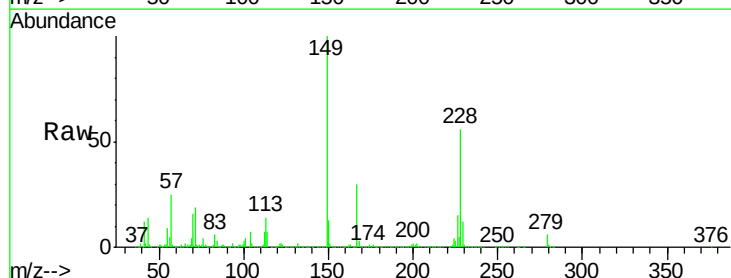
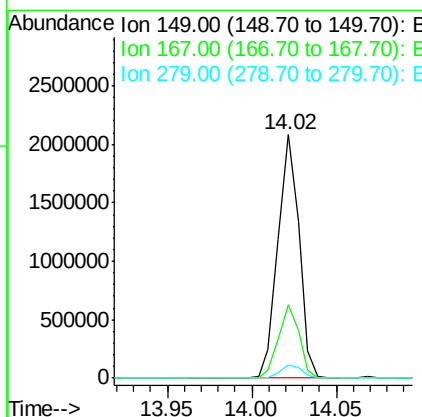
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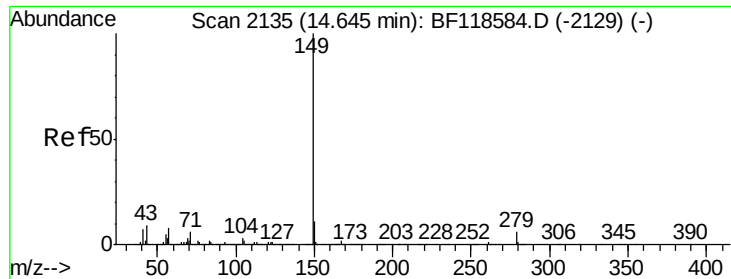
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.052 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF118636.D
 Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.2	36.4
279	5.5	5.0	7.4





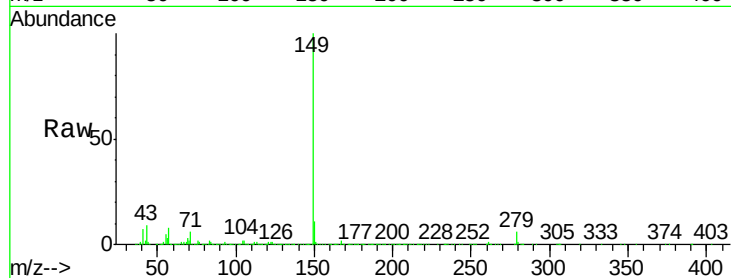
#85
Di-n-octyl phthalate
Concen: 46.569 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

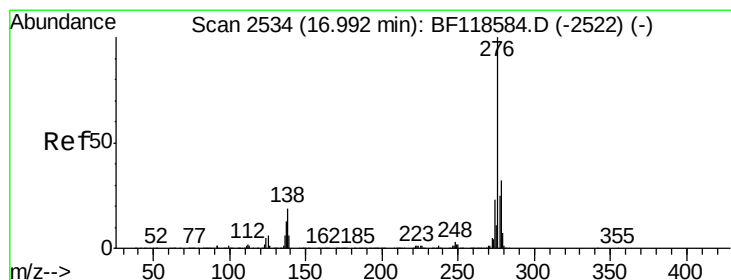
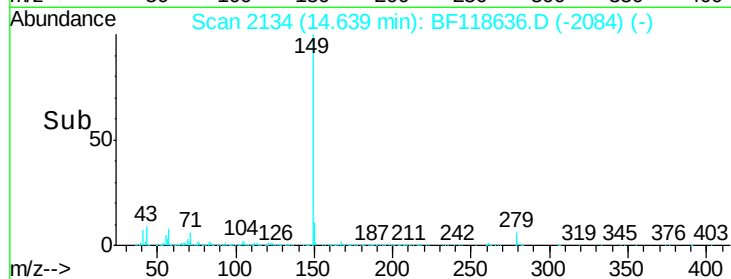
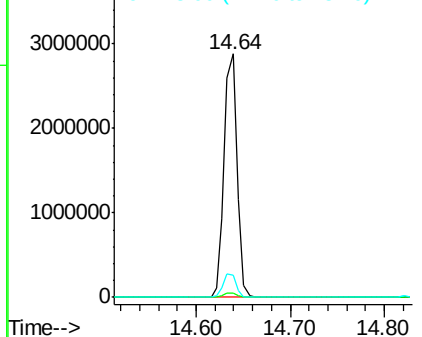
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.1	12.1

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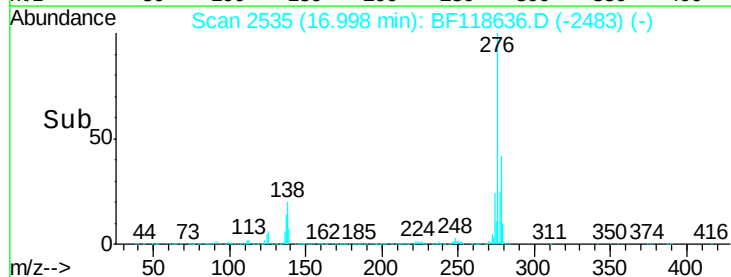
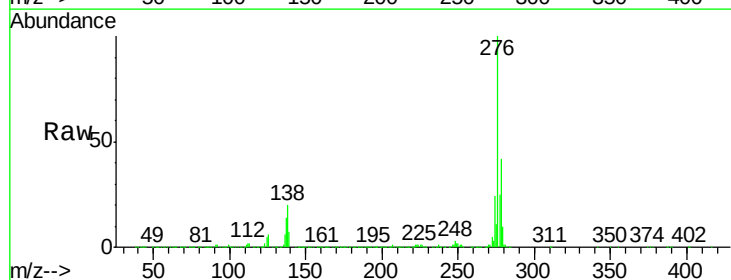
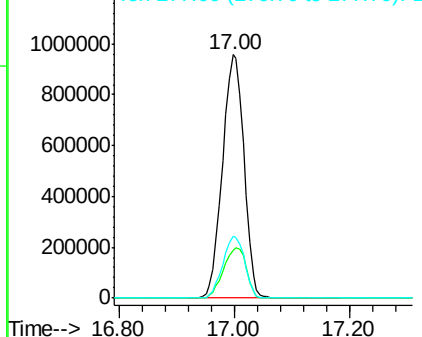
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

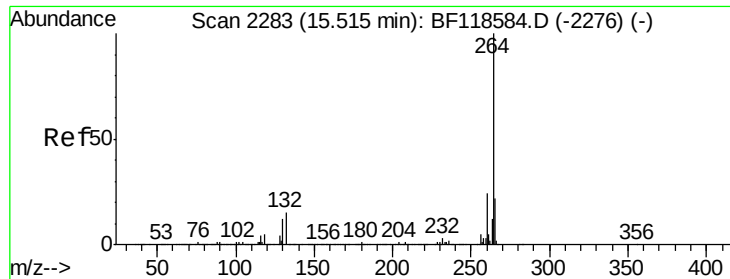


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.567 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.2	25.8
277	25.8	20.5	30.7

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: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

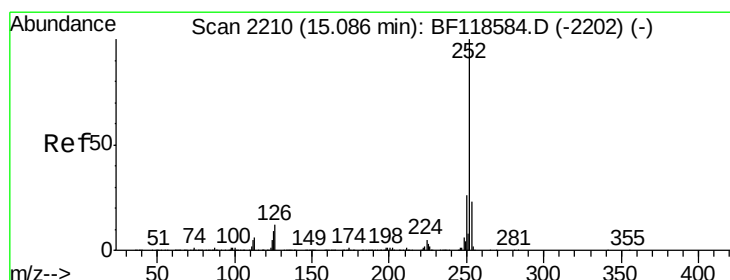
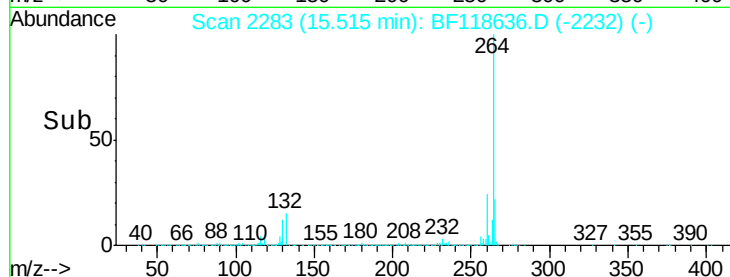
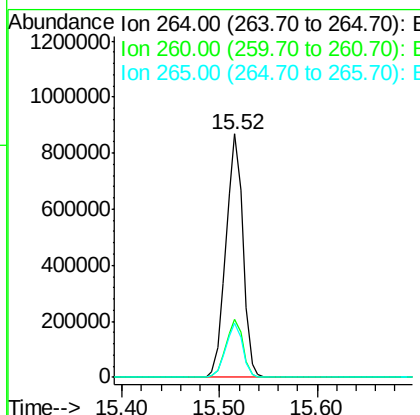
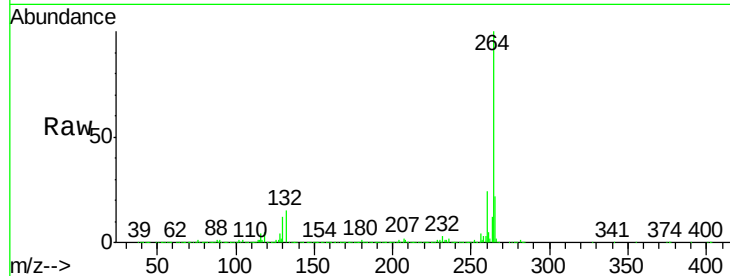
Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:264 Resp: 1050472

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.4	17.7	26.5

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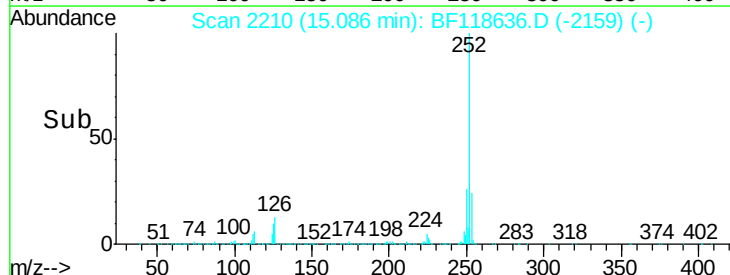
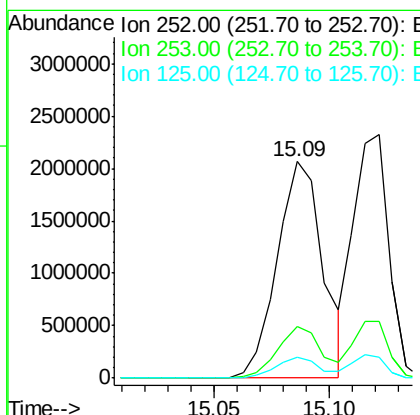
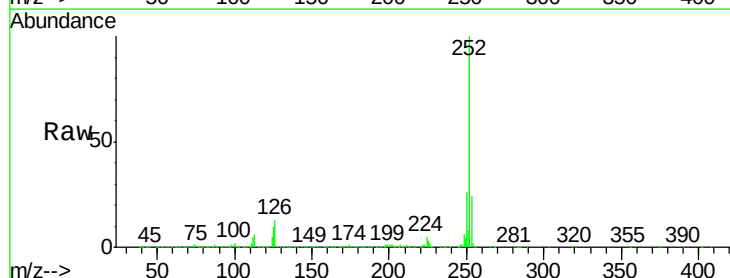
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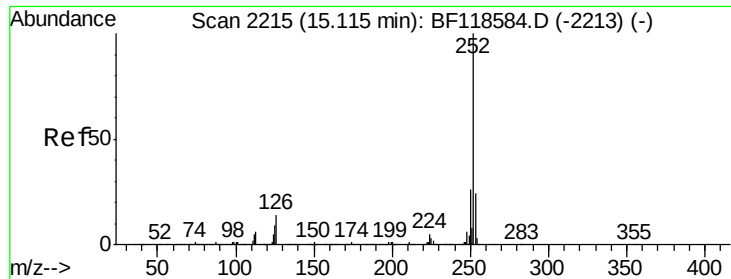


#88
Benzo(b)fluoranthene
Concen: 43.011 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:252 Resp: 2839981

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	9.6	7.3	10.9





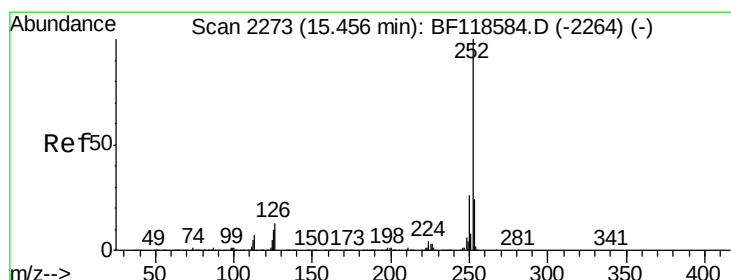
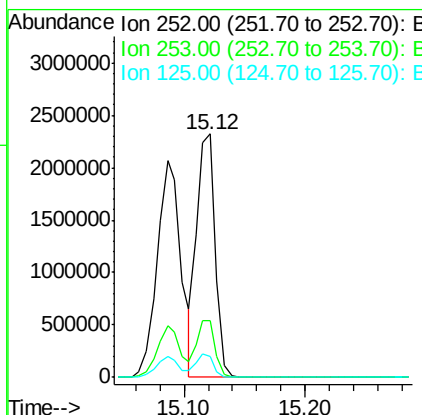
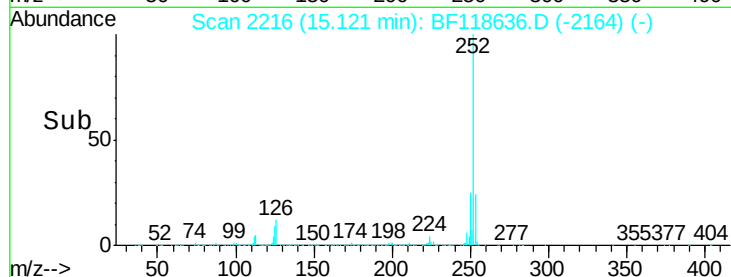
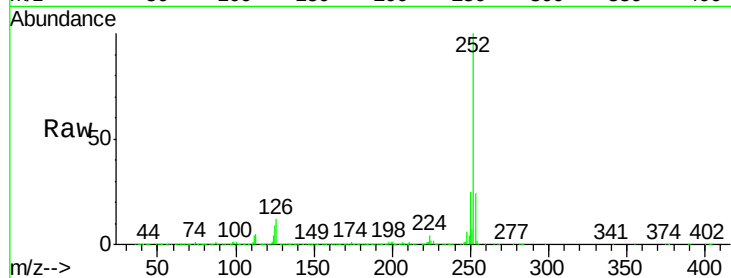
#89
Benzo(k)fluoranthene
Concen: 40.477 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:252 Resp: 2476116
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 8.8 7.6 11.4

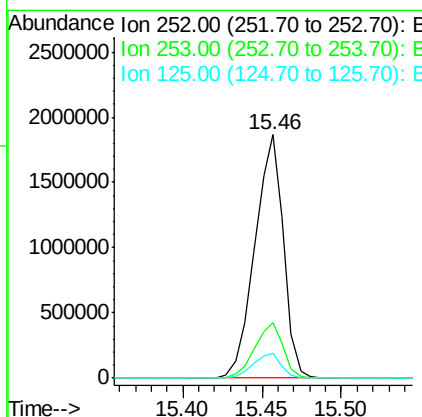
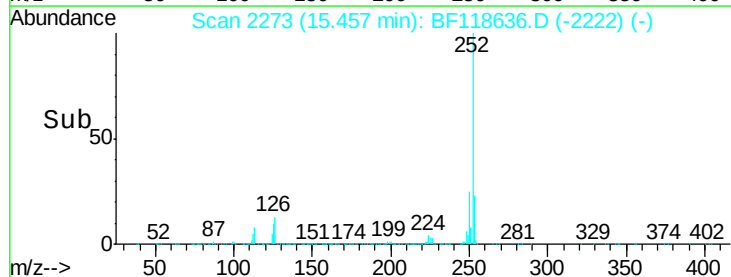
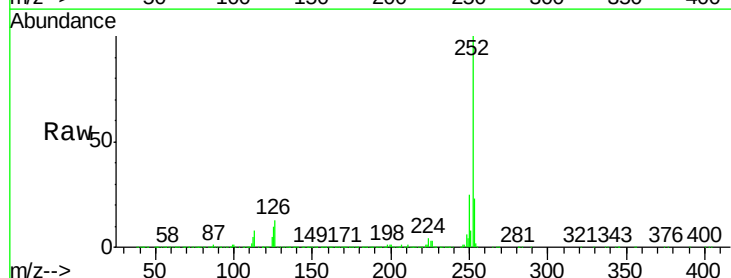
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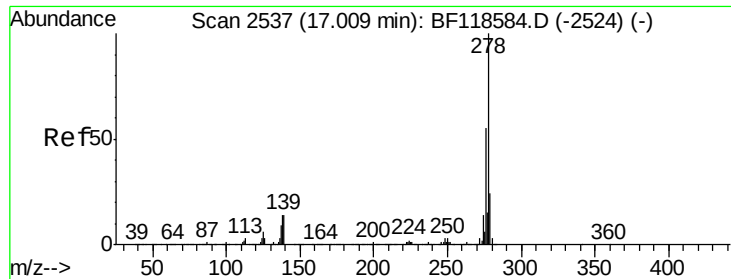
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#90
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion:252 Resp: 2336230
Ion Ratio Lower Upper
252 100
253 22.9 18.8 28.2
125 9.9 7.8 11.6





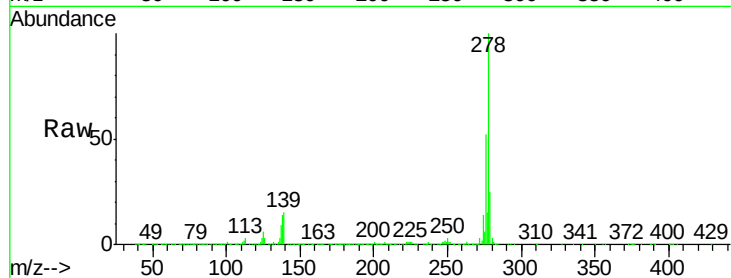
#91
Dibenzo(a,h)anthracene
Concen: 40.898 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.0
279	24.7	19.0	28.6

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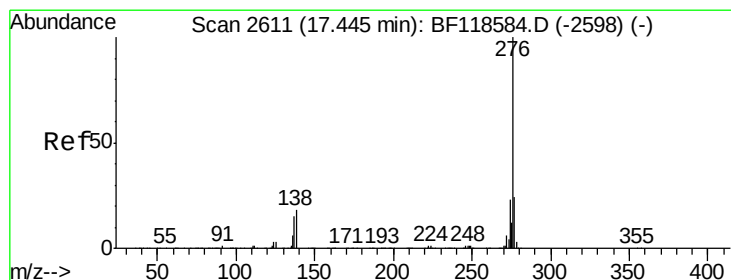
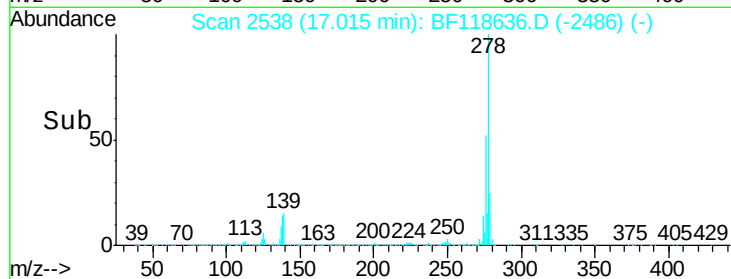
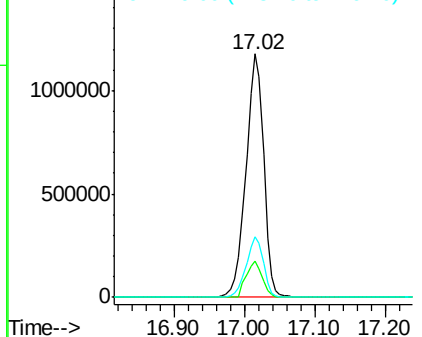


Abundance

Ion 278.00 (277.70 to 278.70): E

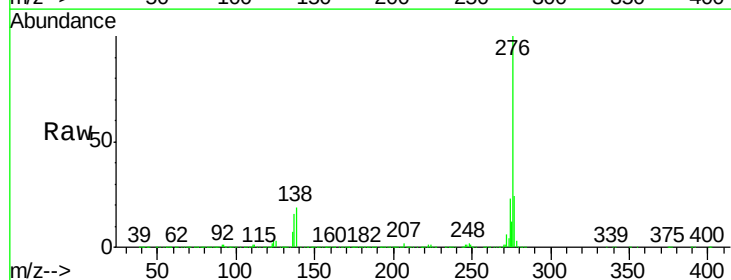
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.631 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118636.D
Acq: 21 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	18.8	14.4	21.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

