

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118620.D
 Acq On : 21 Jan 2020 6:12
 Operator : CG/JU
 Sample : PB126132BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Manual Integrations
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Quant Time: Jan 21 06:54:00 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	6.89	152	458661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1609695	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	787478	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1237408	20.00	ng	0.00
76) Chrysene-d12	14.05	240	862009	20.00	ng	0.00
87) Perylene-d12	15.52	264	763420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1858695	75.26	ng	0.01
7) Phenol-d6	6.51	99	2519763	78.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	1572059	54.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	602237	66.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2925100	61.05	ng	0.00
79) Terphenyl-d14	12.99	244	2794633	70.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	471348	39.406	ng	98
3) Pyridine	3.50	79	1207481	35.816	ng	99
4) n-Nitrosodimethylamine	3.44	42	647434	44.794	ng	92
6) Aniline	6.55	93	1119493	26.487	ng	98
8) 2-Chlorophenol	6.67	128	1352260	48.784	ng	98
9) Benzaldehyde	6.43	77	739459	37.881	ng	99
10) Phenol	6.53	94	1644242	44.950	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1293459	47.659	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1465204	45.161	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1480729	45.466	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1404587	45.878	ng	100
15) Benzyl Alcohol	7.02	79	1159871	45.567	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1699683	44.962	ng	99
17) 2-Methylphenol	7.13	107	1095195	47.433	ng	99
18) Hexachloroethane	7.40	117	460712	39.012	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	983069	45.358	ng	98
20) 3+4-Methylphenols	7.29	107	1303805	46.251	ng	95
22) Acetophenone	7.29	105	1721018	45.133	ng	# 96
24) Nitrobenzene	7.46	77	1403079	47.615	ng	97
25) Isophorone	7.70	82	2549278	48.566	ng	100
26) 2-Nitrophenol	7.78	139	591882	47.102	ng	100
27) 2,4-Dimethylphenol	7.82	122	1213619	55.929	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	1605098	47.457	ng	99
29) 2,4-Dichlorophenol	8.02	162	1124874	46.894	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1265675	45.507	ng	99
31) Naphthalene	8.19	128	3437908	47.279	ng	99
32) Benzoic acid	7.93	122	634066m	38.935	ng	
33) 4-Chloroaniline	8.23	127	420012	12.497	ng	97
34) Hexachlorobutadiene	8.31	225	776614	45.852	ng	99
35) Caprolactam	8.61	113	345052	43.956	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	1091896	46.096	ng	100
37) 2-Methylnaphthalene	8.88	142	2414905	47.050	ng	100
38) 1-Methylnaphthalene	8.98	142	2265624	46.462	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1242363	50.421	ng	99

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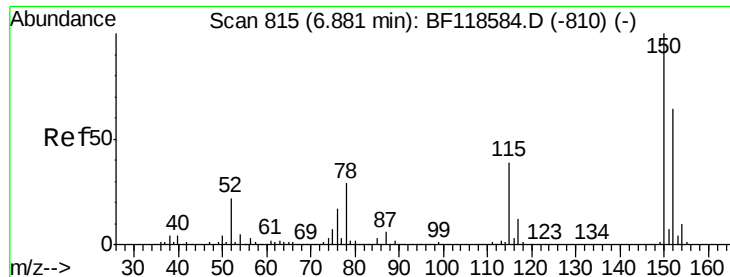
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	483745	38.913	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	808873	49.471	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	818521	49.017	nq	98
46) 1,1'-Biphenyl	9.35	154	2781394	51.248	nq	100
47) 2-Chloronaphthalene	9.37	162	2193116	47.942	nq	100
48) 2-Nitroaniline	9.46	65	691372	49.166	nq	99
49) Acenaphthylene	9.79	152	3200232	49.728	nq	99
50) Dimethylphthalate	9.65	163	2763899	53.872	nq	100
51) 2,6-Dinitrotoluene	9.70	165	544067	47.357	nq #	85
52) Acenaphthene	9.96	154	1988445	46.208	nq	100
53) 3-Nitroaniline	9.87	138	476707	36.338	nq	98
54) 2,4-Dinitrophenol	9.97	184	110630	24.120	nq #	6
55) Dibenzofuran	10.13	168	2890180	48.465	nq	98
56) 4-Nitrophenol	10.03	139	863549	87.199	nq	94
57) 2,4-Dinitrotoluene	10.10	165	654176	45.168	nq	96
58) Fluorene	10.47	166	2180357	46.573	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	660727	44.986	nq	99
60) Diethylphthalate	10.35	149	2561155	51.487	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1221328	47.966	nq	98
62) 4-Nitroaniline	10.48	138	535387	39.787	nq	96
63) Azobenzene	10.62	77	2262422	46.962	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	97616	17.940	nq	99
66) n-Nitrosodiphenylamine	10.58	169	2044475	54.786	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	786610	51.454	nq	98
68) Hexachlorobenzene	11.03	284	826190	47.668	nq	92
69) Atrazine	11.11	200	729690	56.415	nq	98
70) Pentachlorophenol	11.22	266	855679	88.796	nq	99
71) Phenanthrene	11.43	178	2931895	49.112	nq	98
72) Anthracene	11.49	178	2993669	50.680	nq	99
73) Carbazole	11.64	167	2627200	48.489	nq	98
74) Di-n-butylphthalate	11.97	149	3385459	56.239	nq	99
75) Fluoranthene	12.62	202	2931804	46.563	nq	99
77) Benzidine	12.74	184	2270538	98.581	nq	100
78) Pyrene	12.85	202	2985490	51.014	nq	97
80) Butylbenzylphthalate	13.47	149	1359838	56.776	nq	98
81) Benzo(a)anthracene	14.04	228	2594766	50.039	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	1061952	57.473	nq	99
83) Chrysene	14.07	228	2445068	49.199	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1877675	64.168	nq #	98
85) Di-n-octyl phthalate	14.64	149	2959482	68.328	nq	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	2100195	48.636	nq	100
88) Benzo(b)fluoranthene	15.09	252	2322097	48.391	nq	99
89) Benzo(k)fluoranthene	15.12	252	2154131	48.454	nq	99
90) Benzo(a)pyrene	15.46	252	1944974	46.986	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	1804534	49.283	nq	99
92) Benzo(g,h,i)perylene	17.45	276	1675035	47.115	nq	100

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



#1

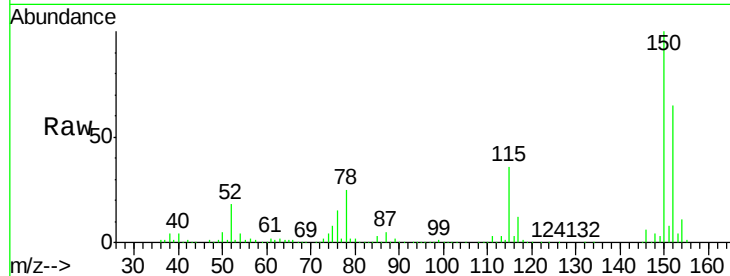
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampled :
PB126132BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.6	188.4
115	55.6	48.4	72.6

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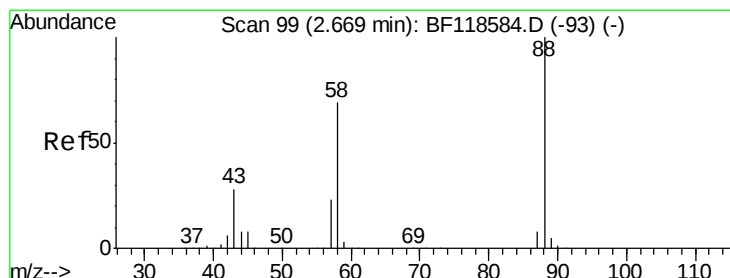
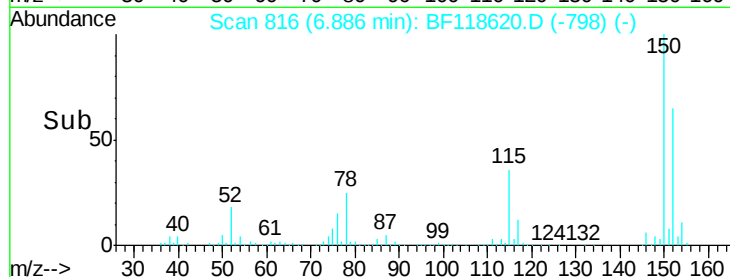
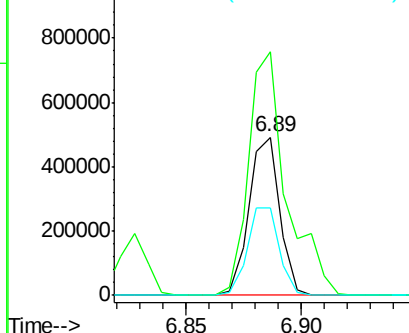


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

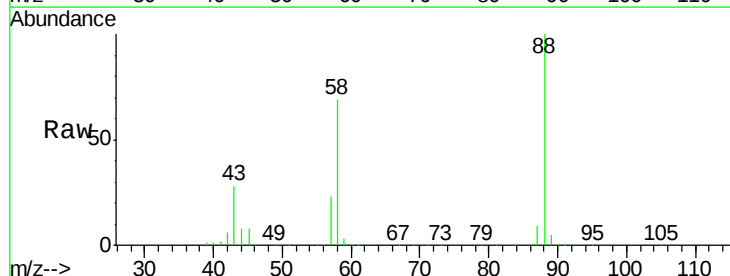
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.406 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.08 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	56.1	84.1
43	27.5	23.0	34.6

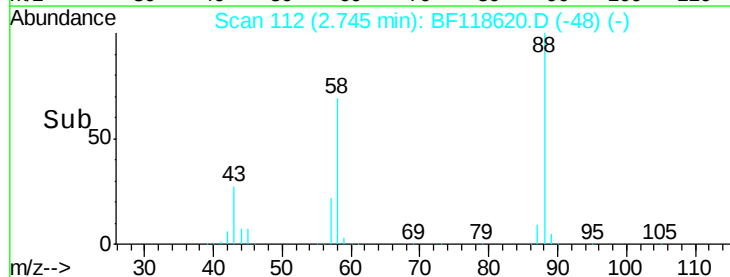
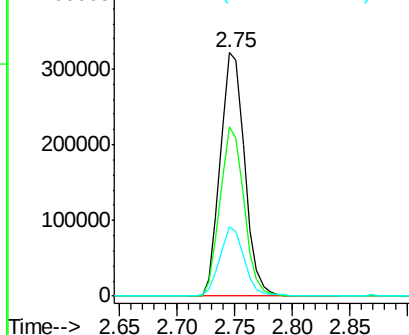


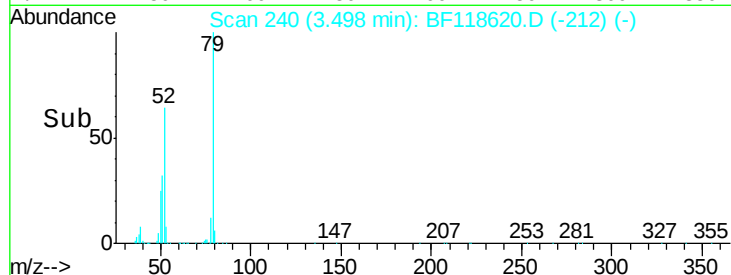
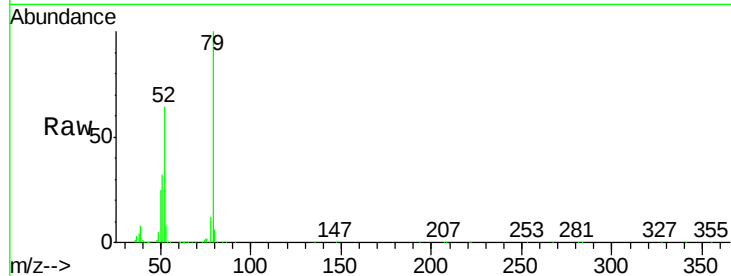
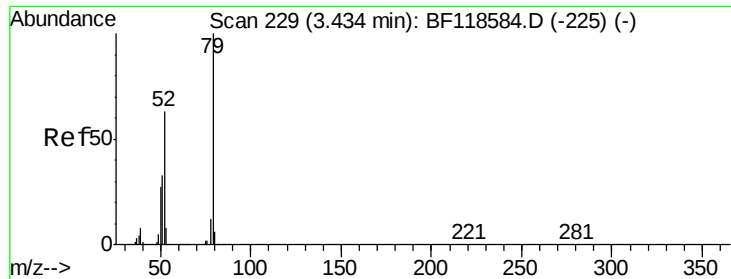
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





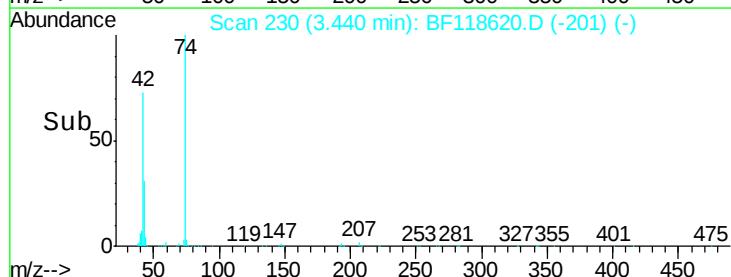
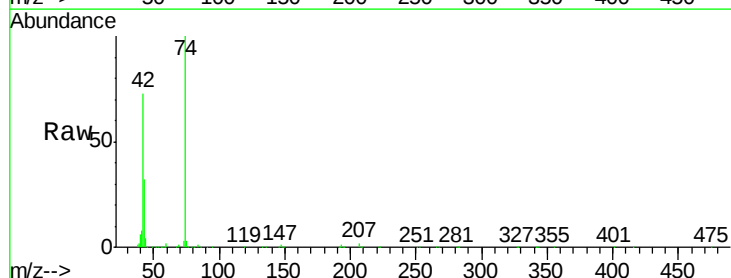
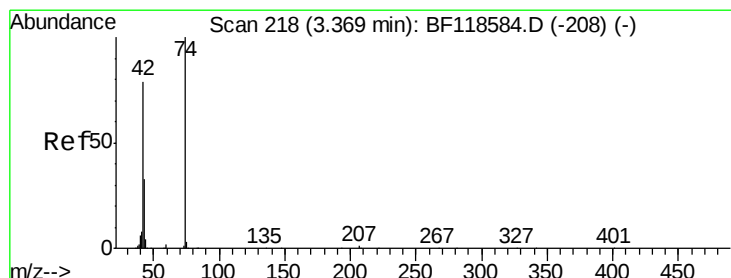
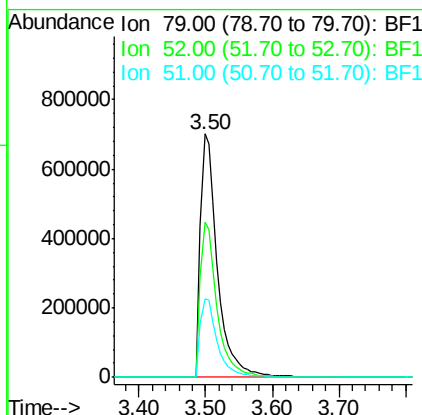
#3
Pvridine
Concen: 35.816 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.06 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tot Ion: 79 Resp: 1207481
Ion Ratio Lower Upper
79 100
52 63.7 50.7 76.1
51 32.5 26.6 40.0

Instrument :
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ClientSampleId :
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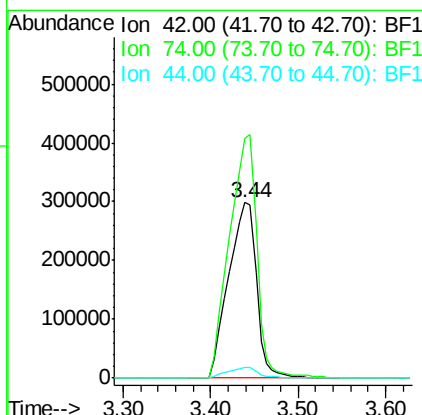
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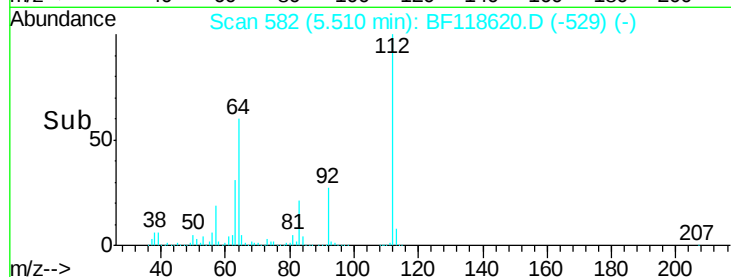
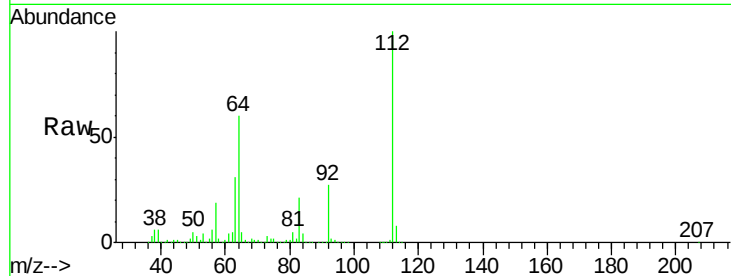
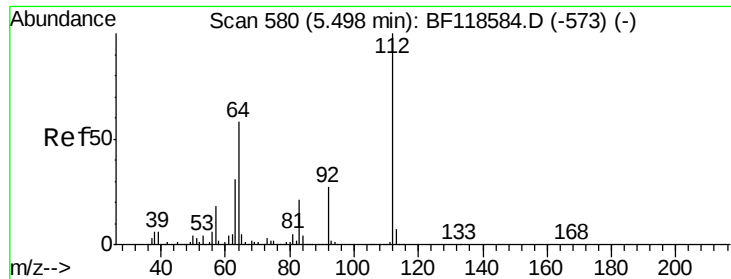
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#4
n-Nitrosodimethylamine
Concen: 44.794 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.07 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion: 42 Resp: 647434
Ion Ratio Lower Upper
42 100
74 136.3 101.6 152.4
44 5.8 4.9 7.3





#5

2-Fluorophenol

Concen: 75.264 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tot Ion:	112	Resp:	1858695
Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	31.4	25.1	37.7

Instrument :

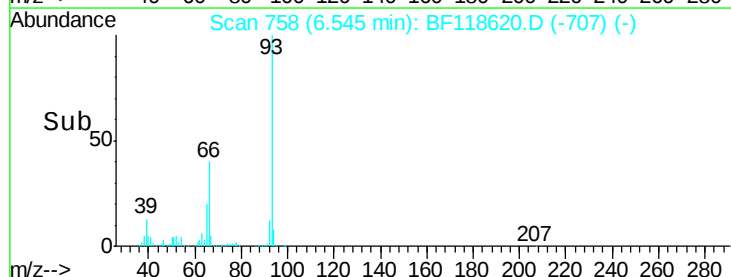
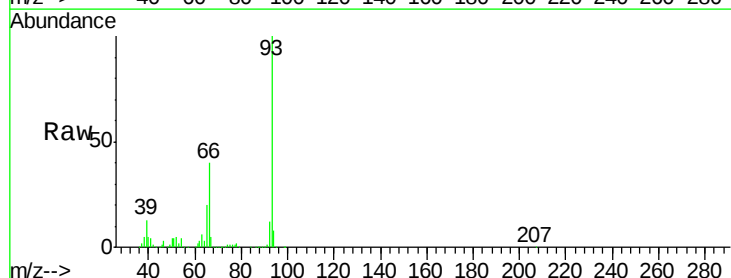
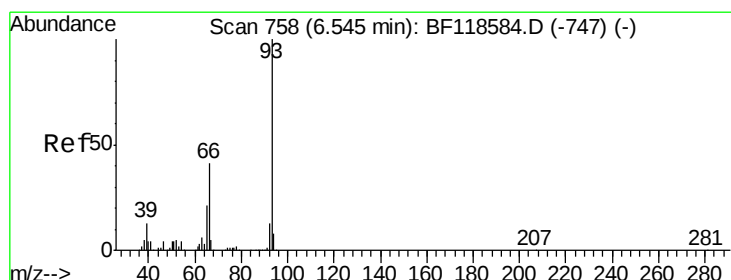
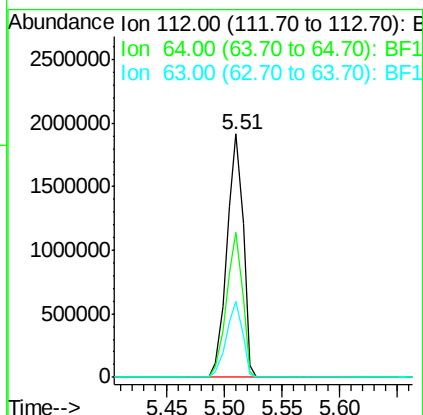
BNA_F

ClientSampleId :

PB126132BS

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#6

Aniline

Concen: 26.487 ng

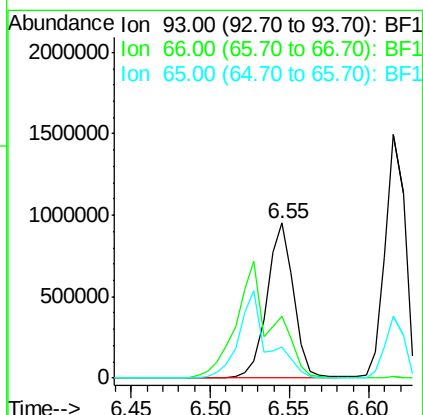
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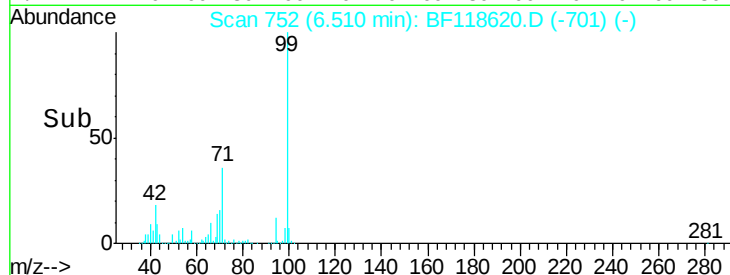
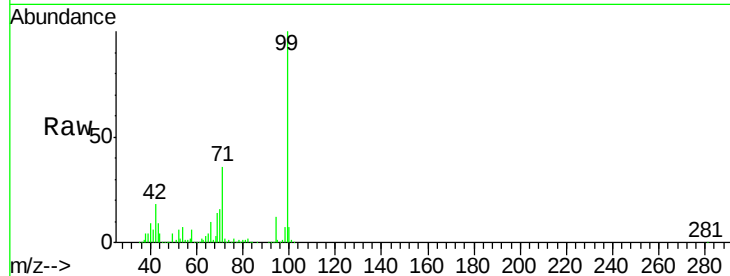
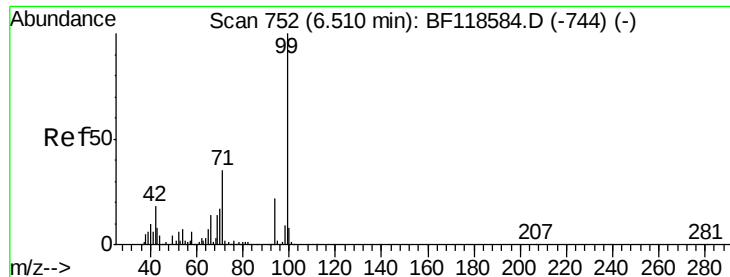
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:	93	Resp:	1119493
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.8	49.2
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 78.502 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tot Ion: 99 Resp: 2519763

Ion Ratio Lower Upper

99 100

42 18.4 14.2 21.2

71 35.9 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

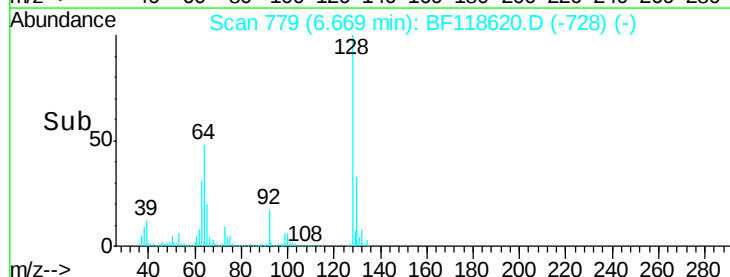
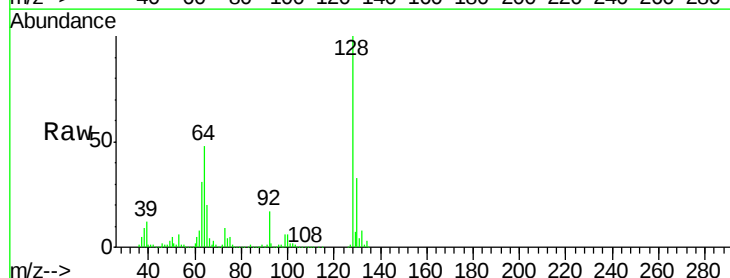
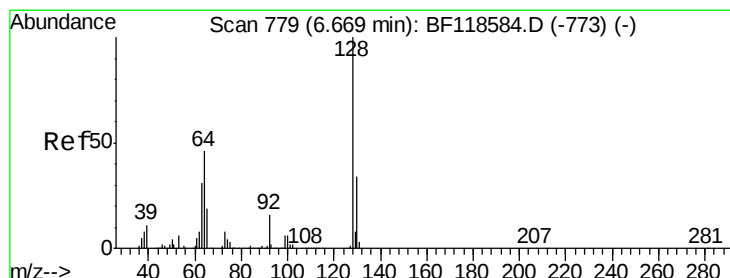
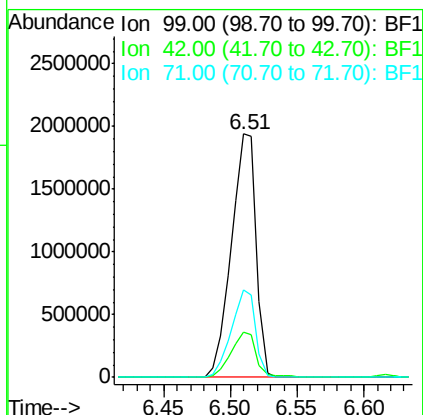
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#8

2-Chlorophenol

Concen: 48.784 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

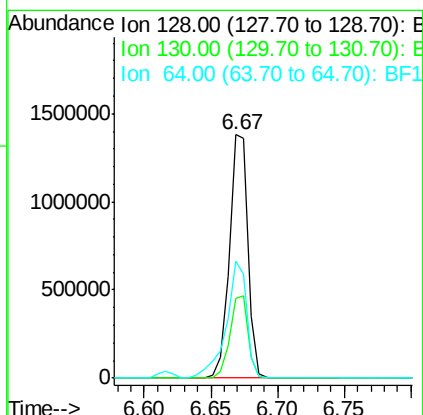
Tgt Ion:128 Resp: 1352260

Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

64 48.0 26.4 66.4





#9

Benzaldehyde

Concen: 37.881 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

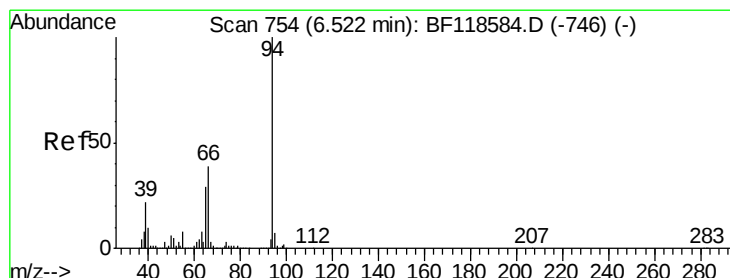
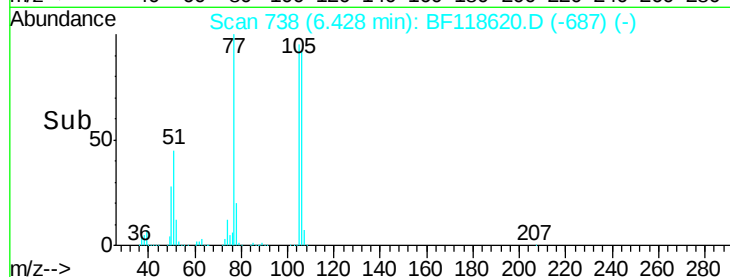
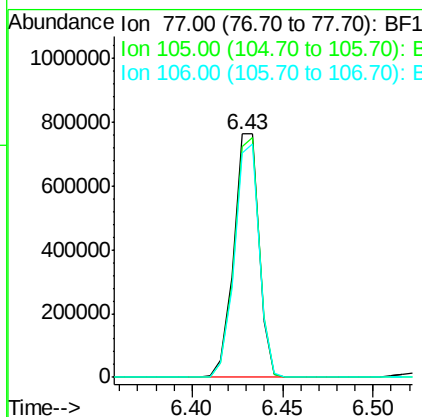
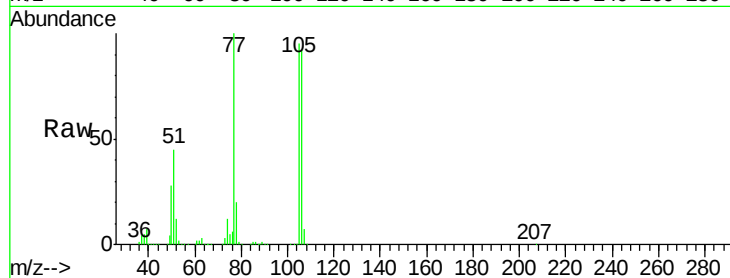
ClientSampled :

PB126132BS

Tot Ion:	77	Resp:	739459
Ion	Ratio	Lower	Upper
77	100		
105	94.6	73.5	113.5
106	92.0	71.9	111.9

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#10

Phenol

Concen: 44.950 ng

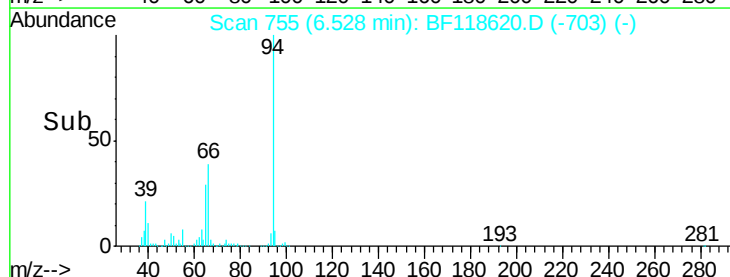
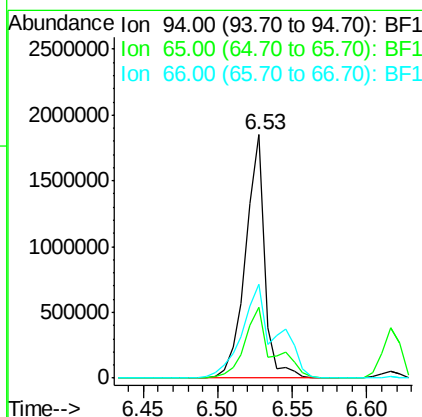
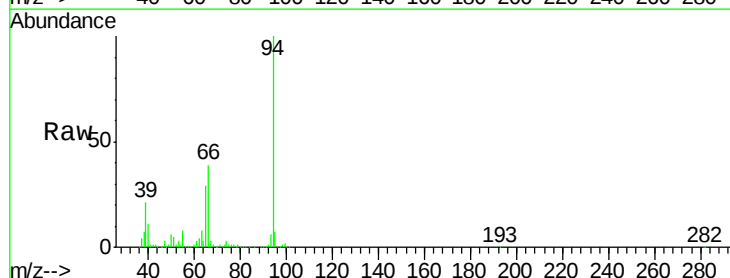
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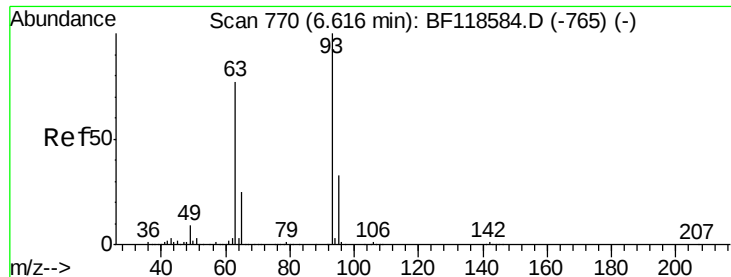
Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:	94	Resp:	1644242
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.5	49.5
66	38.6	18.5	58.5





#11

bis(2-Chloroethyl)ether

Concen: 47.659 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion: 93 Resp: 1293459

Ion Ratio Lower Upper

93 100

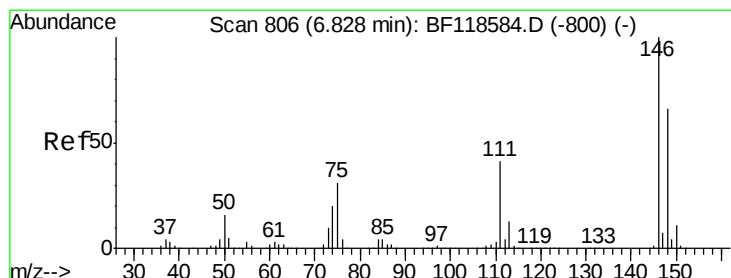
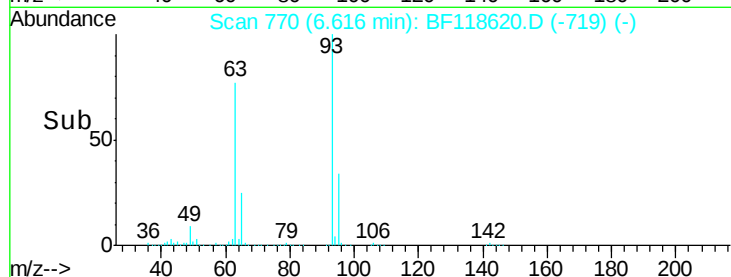
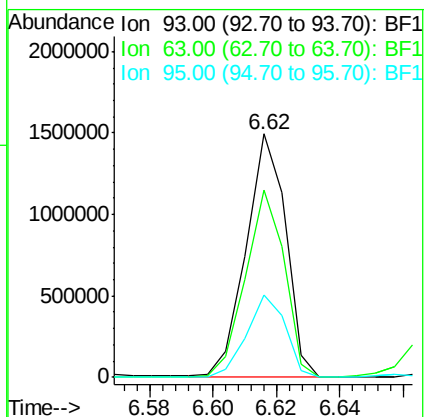
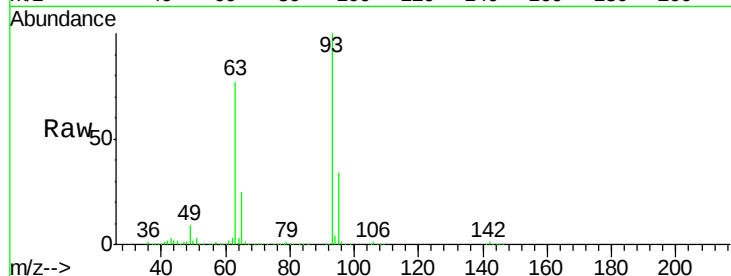
63 76.8 56.3 96.3

95 33.8 13.3 53.3

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#12

1,3-Dichlorobenzene

Concen: 45.161 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

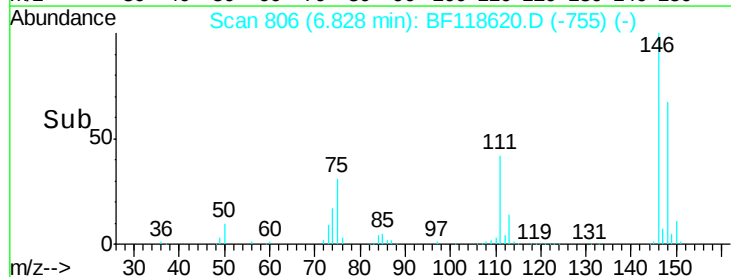
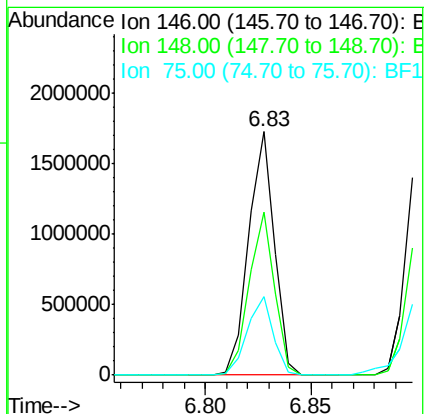
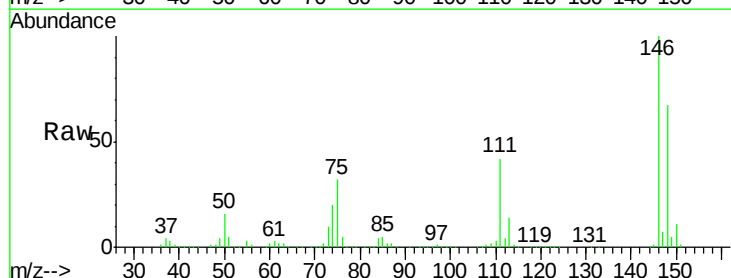
Tgt Ion:146 Resp: 1465204

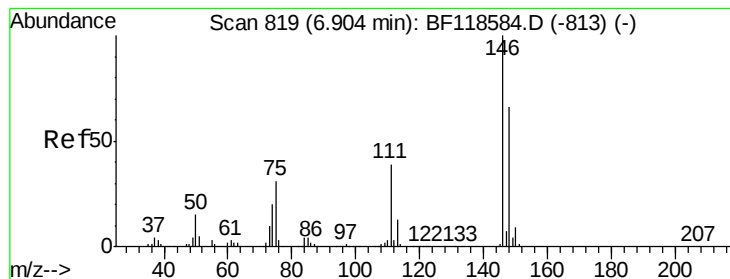
Ion Ratio Lower Upper

146 100

148 66.9 53.0 79.6

75 32.0 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 45.466 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:146 Resp: 1480729

Ion Ratio Lower Upper

146 100

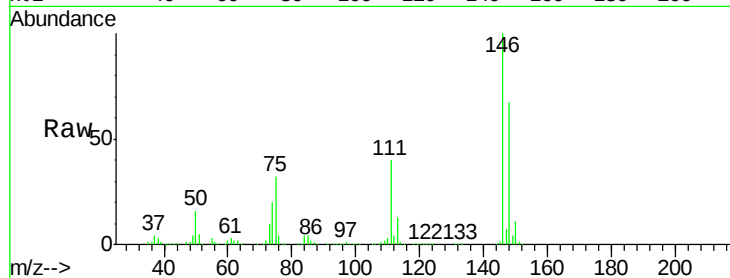
148 66.6 52.4 78.6

111 39.8 31.6 47.4

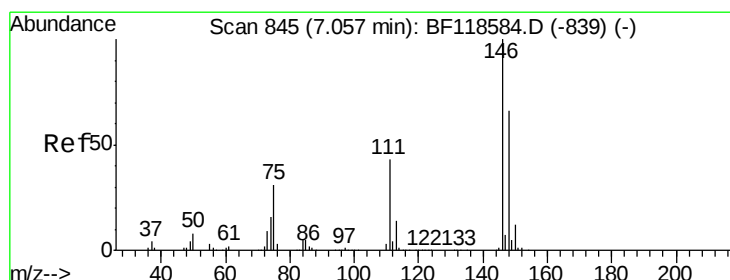
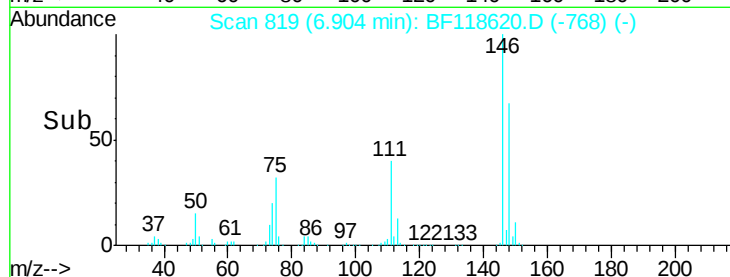
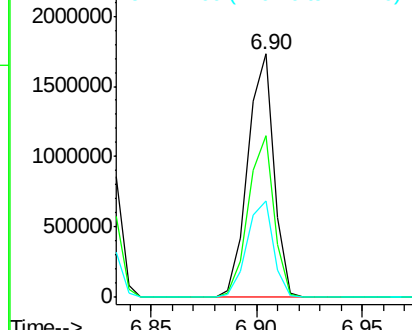
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.878 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

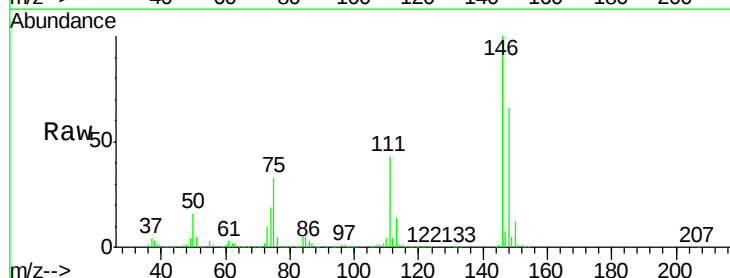
Tgt Ion:146 Resp: 1404587

Ion Ratio Lower Upper

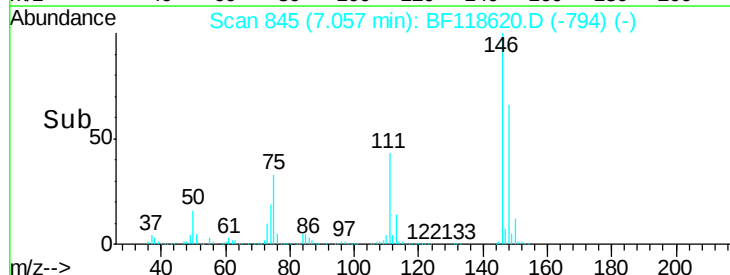
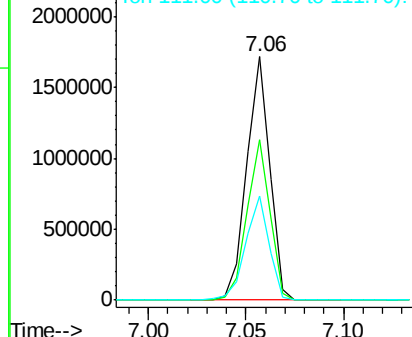
146 100

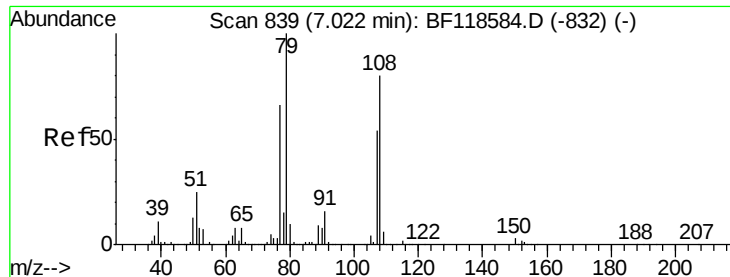
148 65.9 52.7 79.1

111 42.6 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.567 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion: 79 Resp: 1159871

Ion Ratio Lower Upper

79 100

108 79.1 63.6 95.4

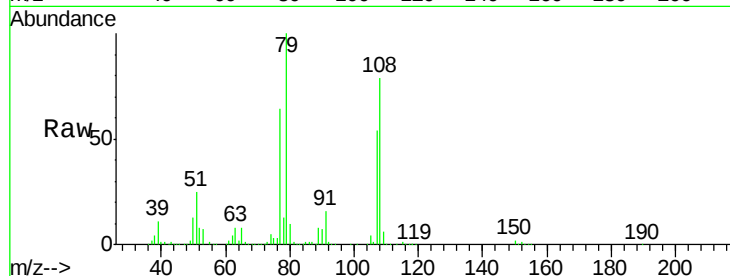
77 64.3 52.5 78.7

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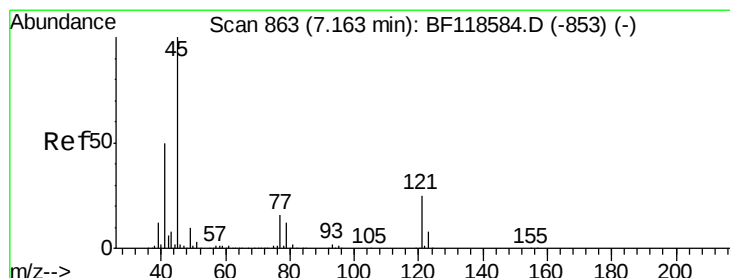
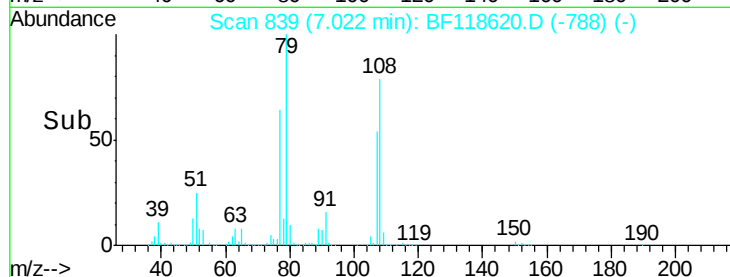
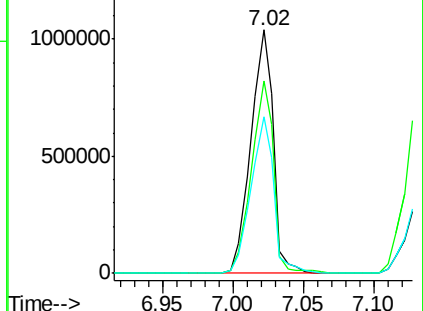
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.962 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

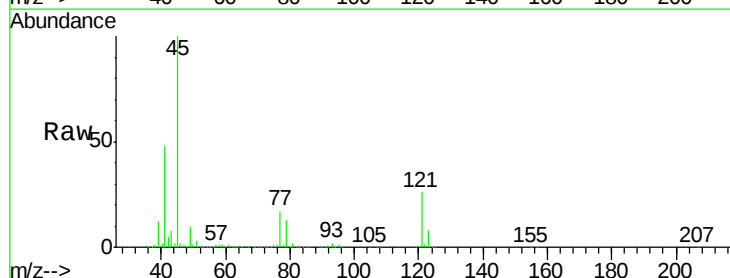
Tgt Ion: 45 Resp: 1699683

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.1

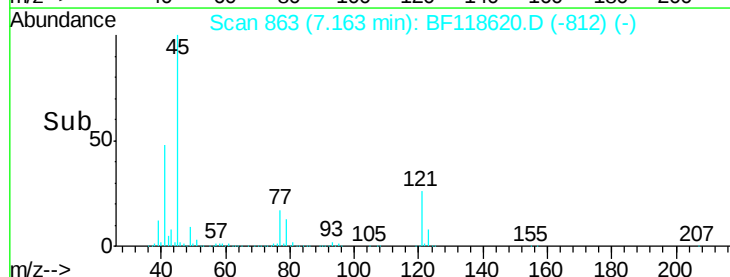
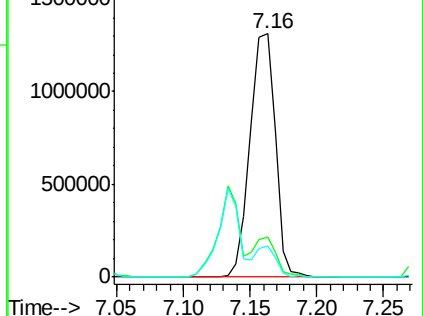
79 12.9 0.0 32.4

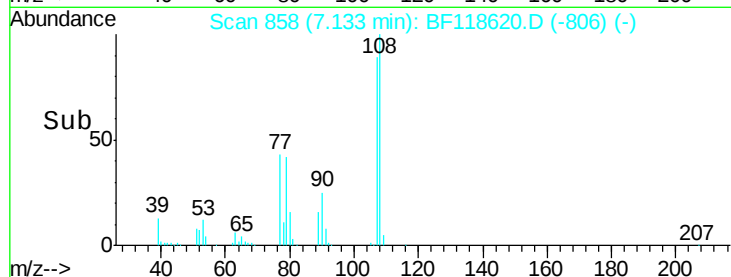
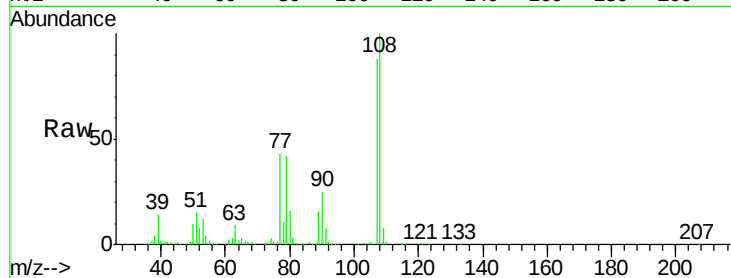
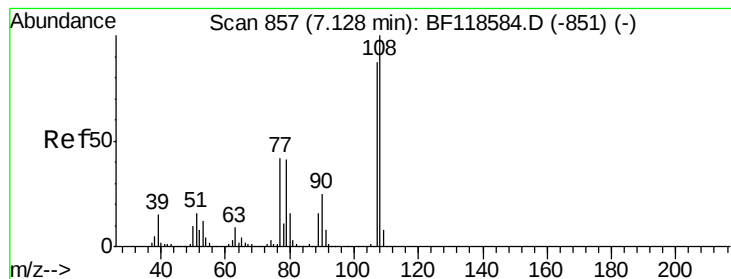


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

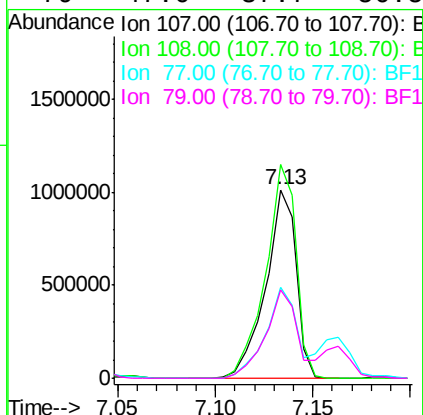
Ion 79.00 (78.70 to 79.70): BF1





#17
2-Methylphenol
Concen: 47.433 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

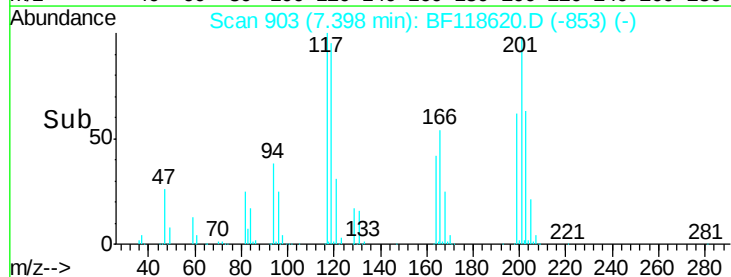
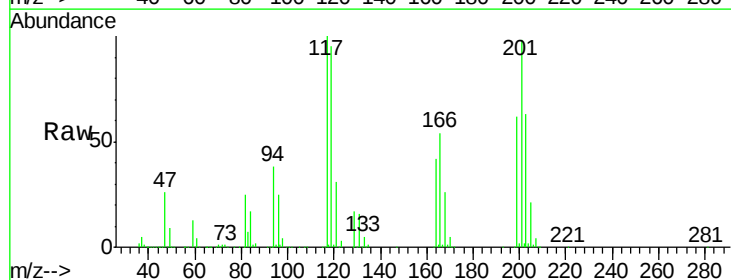
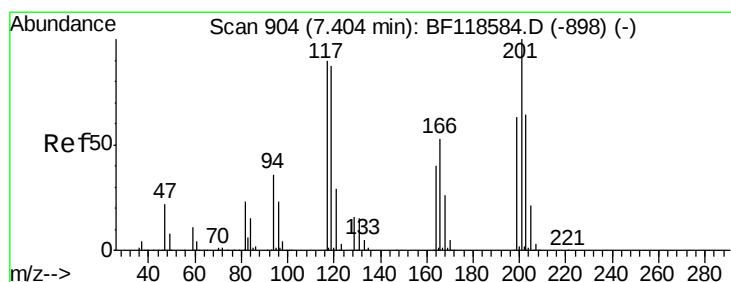
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.5	137.3
77	48.4	38.7	58.1
79	47.0	37.7	56.5



Instrument :
BNA_F
ClientSampleId :
PB126132BS

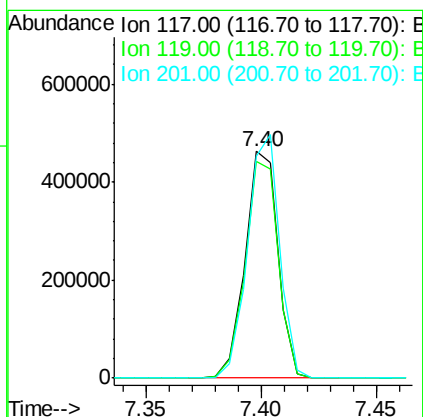
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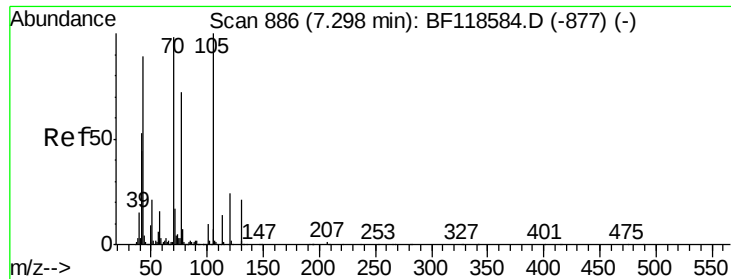
mohammad
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#18
Hexachloroethane
Concen: 39.012 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.6	116.4
201	97.8	88.8	133.2





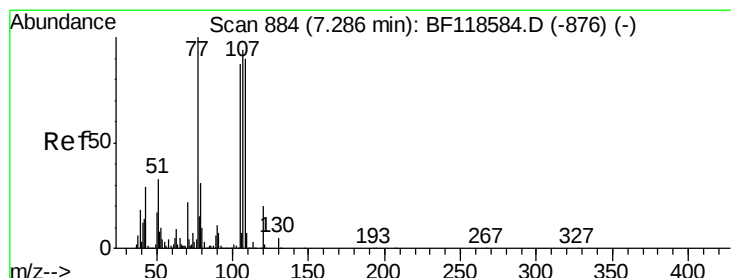
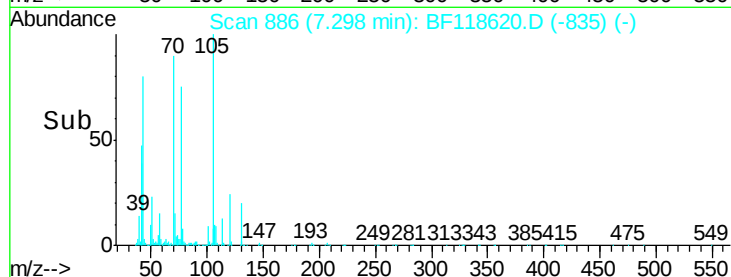
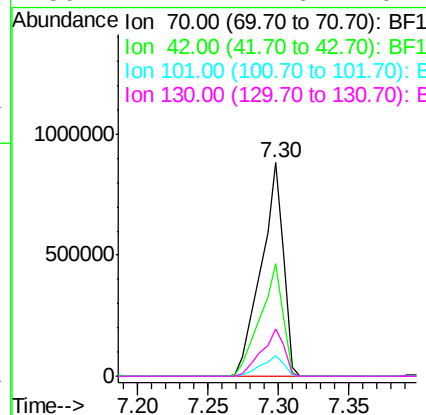
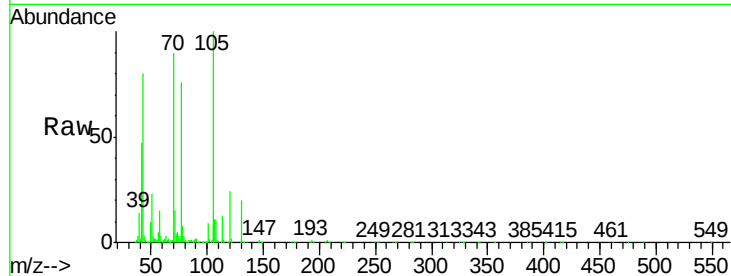
#19
n-Nitroso-di-n-propylamine
Concen: 45.358 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	43.4	65.0
101	9.9	8.1	12.1
130	22.2	17.6	26.4

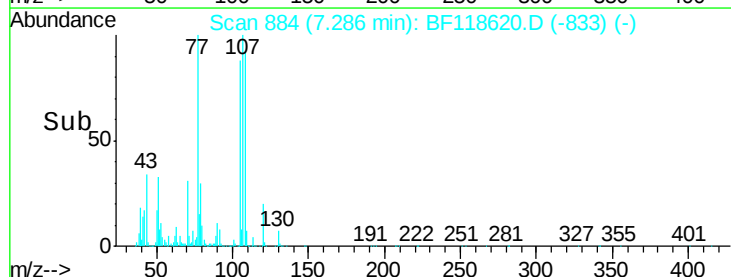
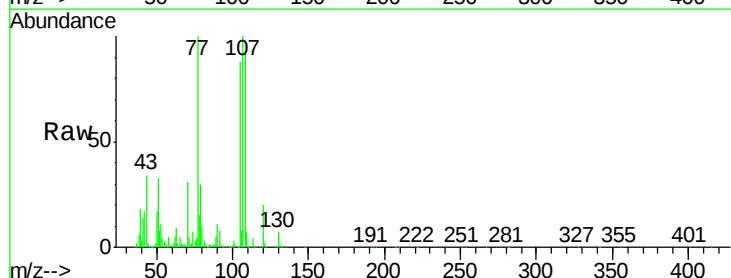
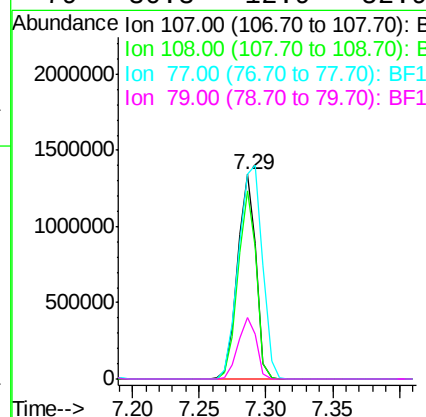
Manual Integrations
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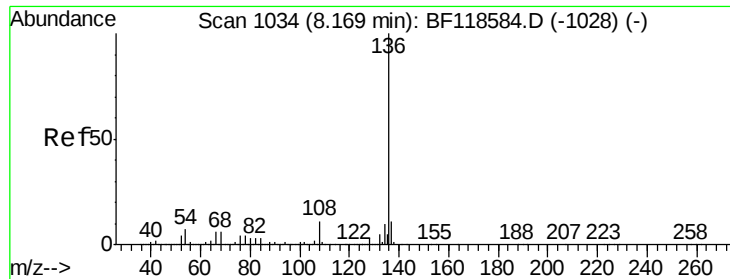
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#20
3+4-Methylphenols
Concen: 46.251 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	75.8	115.8
77	99.8	86.5	126.5
79	30.3	12.9	52.9





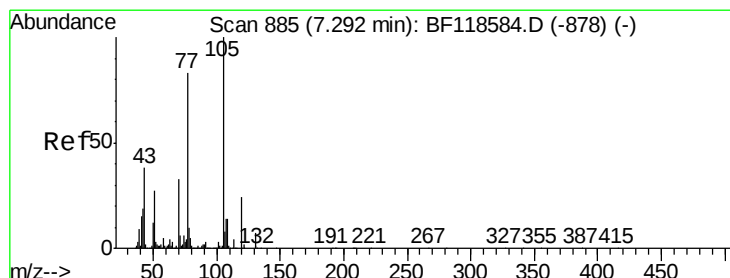
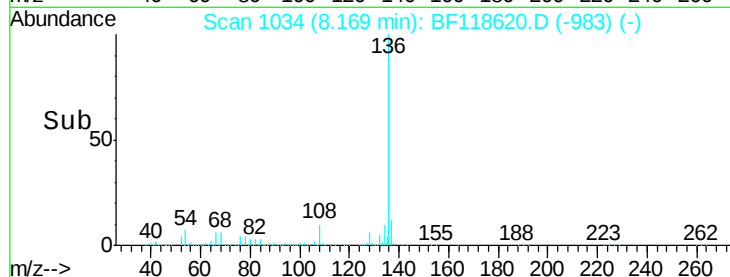
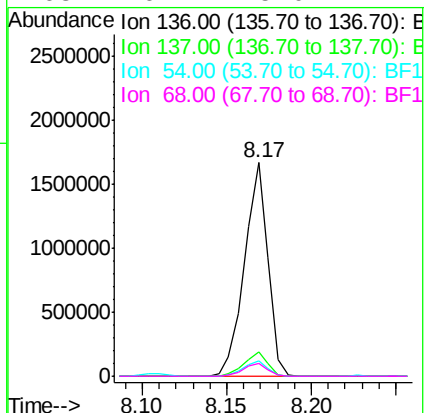
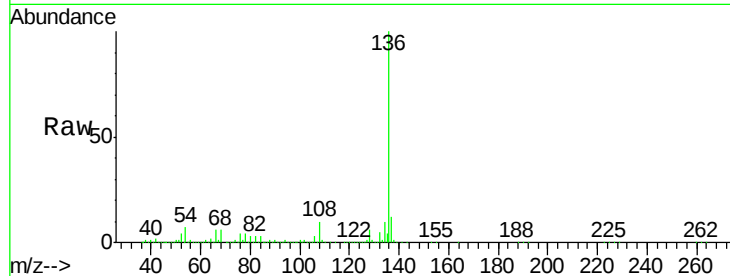
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	136	Resp	1609695
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	5.8	8.6
68	6.2	5.0	7.4

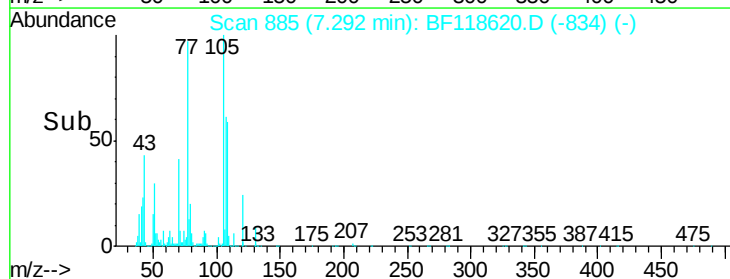
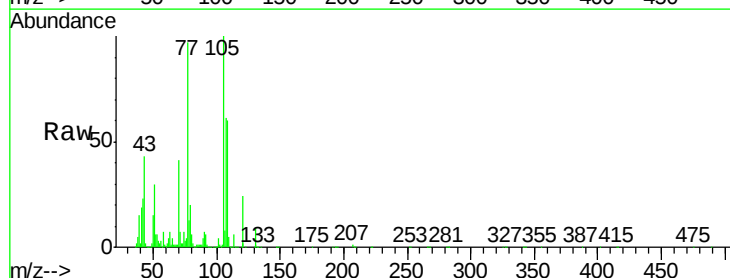
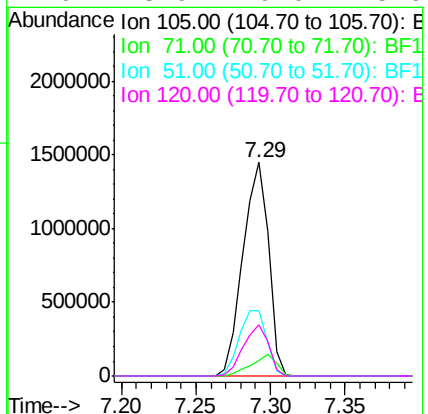
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#22
Acetophenone
Concen: 45.133 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	105	Resp	1721018
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.5	6.7#
51	30.4	21.5	32.3
120	23.9	19.0	28.6





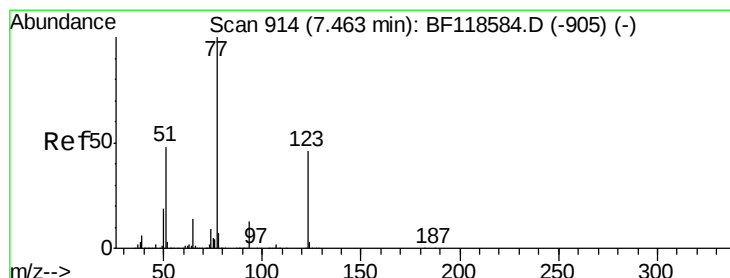
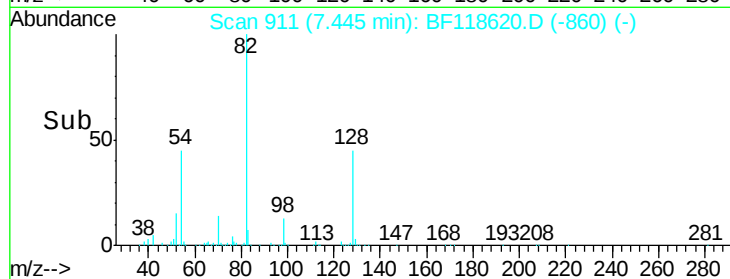
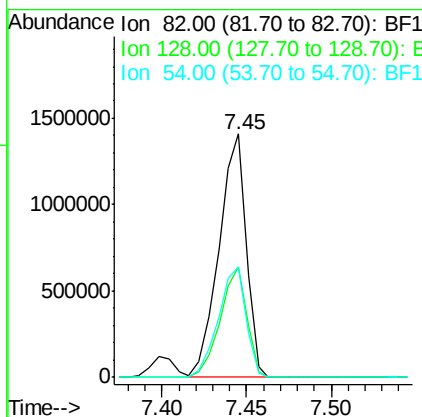
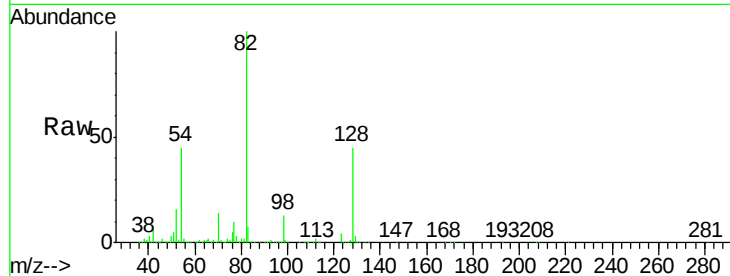
#23
 Nitrobenzene-d5
 Concen: 54.626 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	82	Resp	1572059
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.6	54.8
54	45.2	38.0	57.0

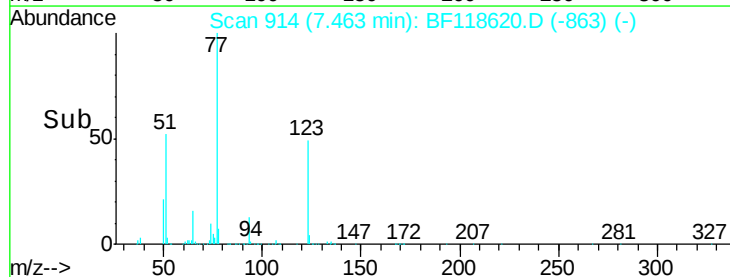
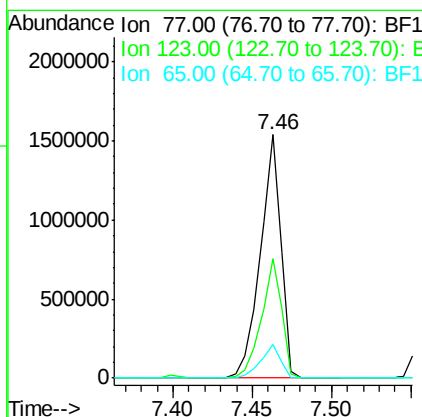
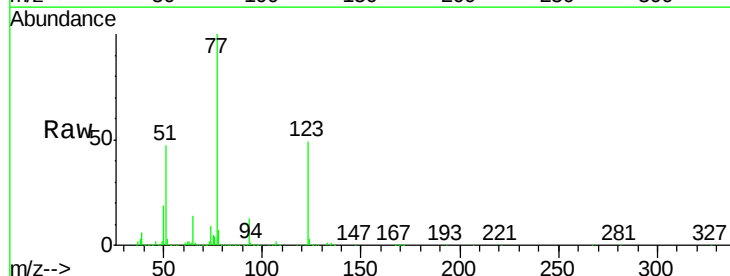
Manual Integrations
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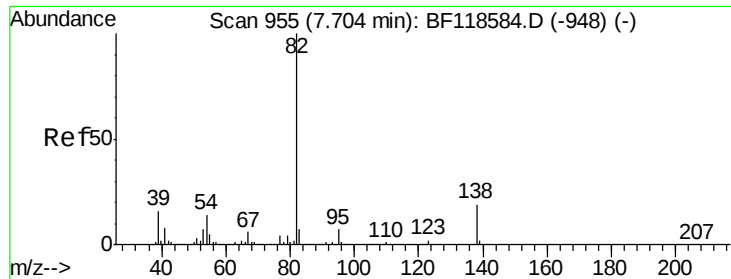
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#24
 Nitrobenzene
 Concen: 47.615 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion	77	Resp	1403079
Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.0	55.4
65	13.7	11.1	16.7





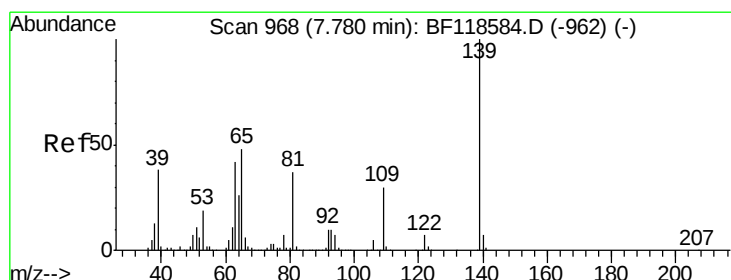
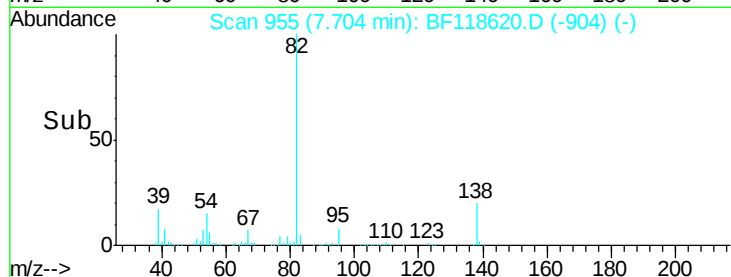
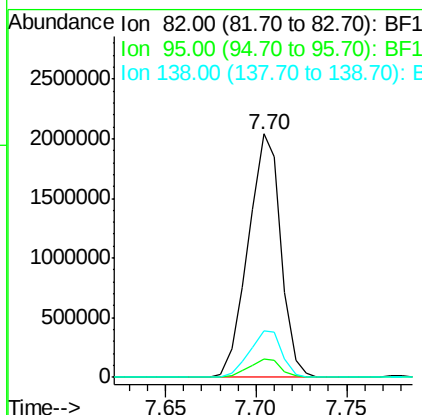
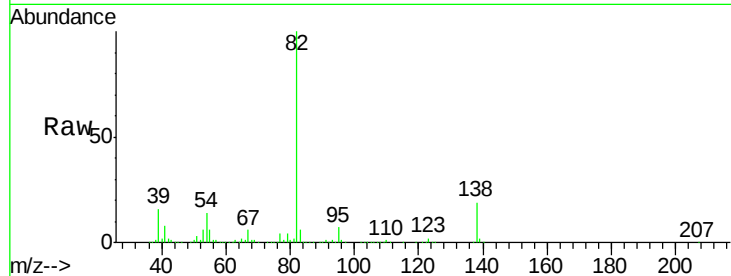
#25
Isophorone
Concen: 48.566 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion: 82 Resp: 2549278
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.2 15.3 22.9

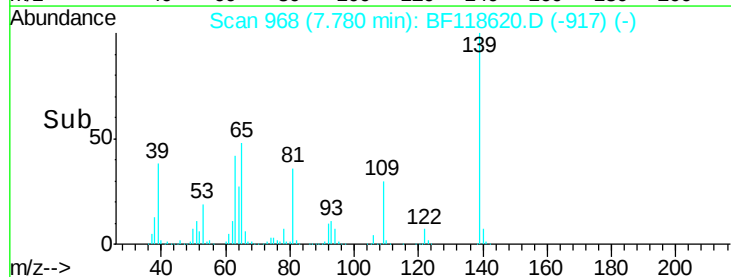
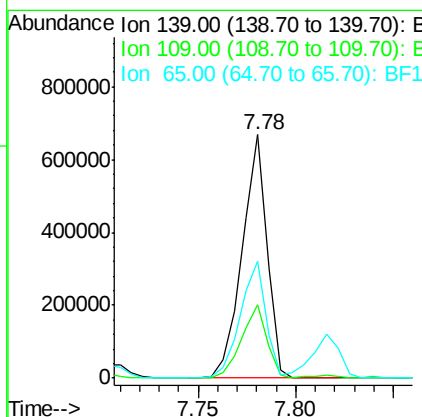
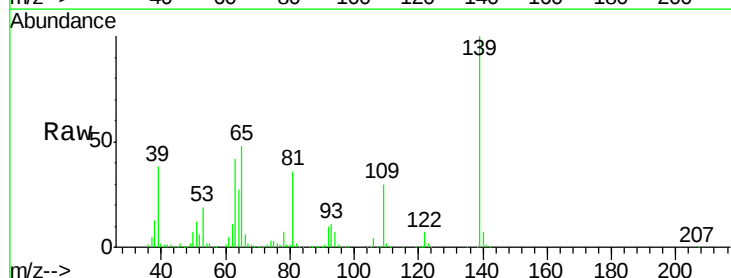
Manual Integrations
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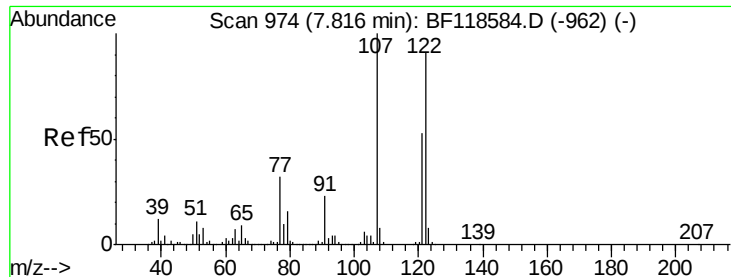
mohammad
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#26
2-Nitrophenol
Concen: 47.102 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion: 139 Resp: 591882
Ion Ratio Lower Upper
139 100
109 30.0 23.8 35.8
65 48.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 55.929 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:122 Resp: 1213619

Ion Ratio Lower Upper

122 100

107 114.6 88.0 132.0

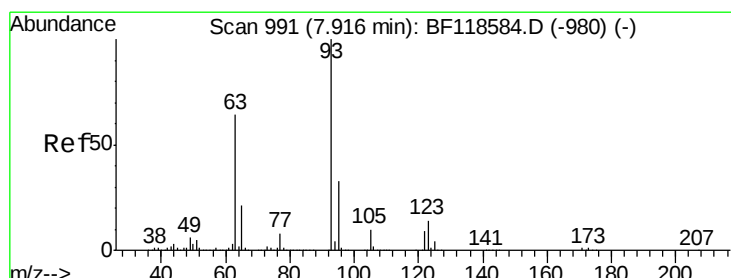
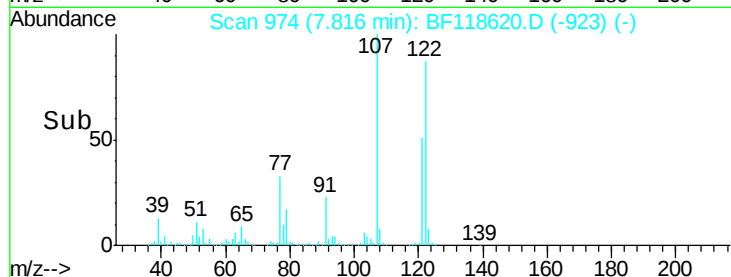
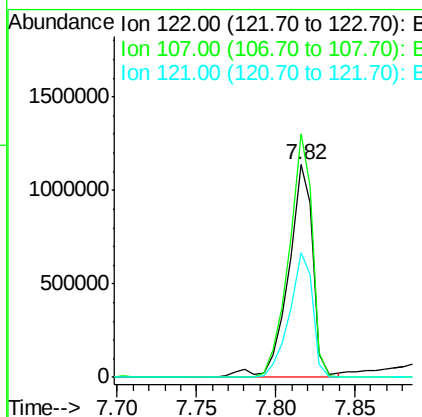
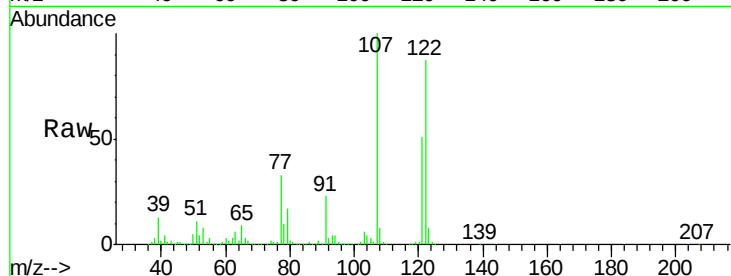
121 58.5 46.3 69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 47.457 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

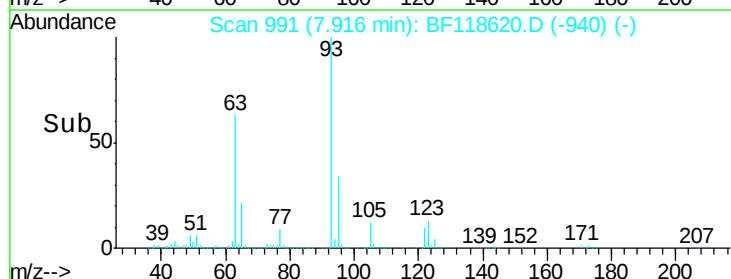
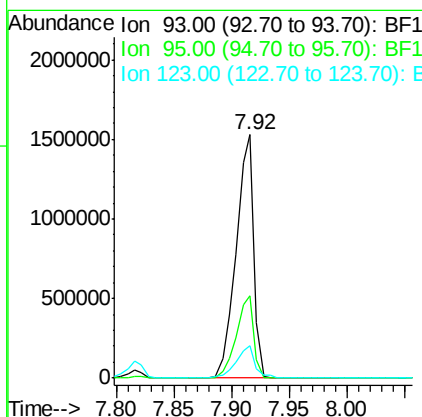
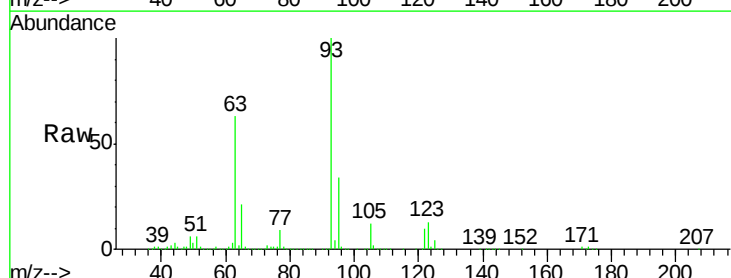
Tgt Ion: 93 Resp: 1605098

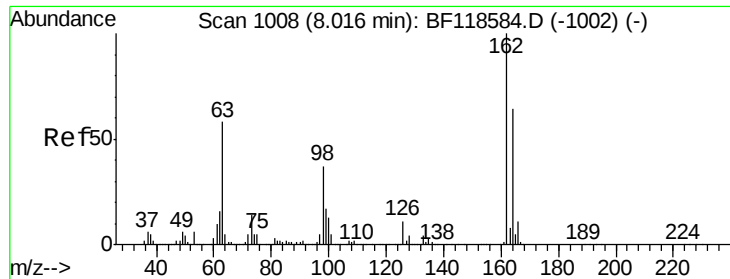
Ion Ratio Lower Upper

93 100

95 33.9 26.7 40.1

123 13.1 11.0 16.6





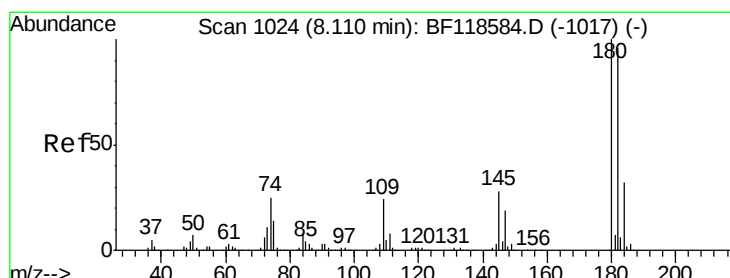
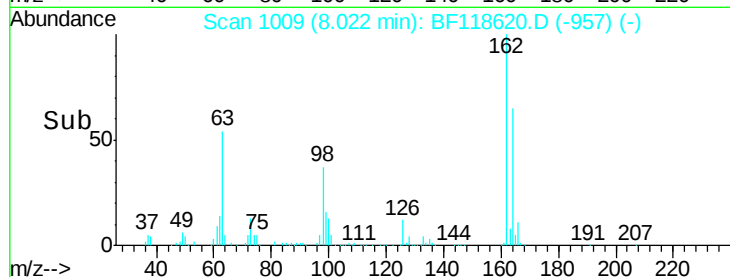
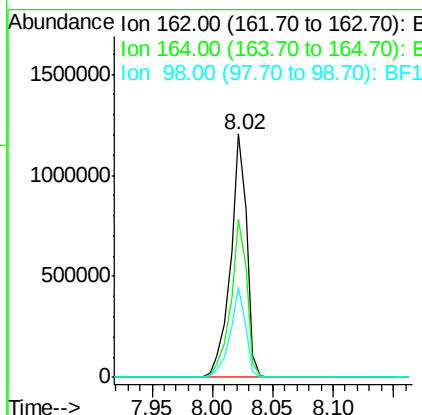
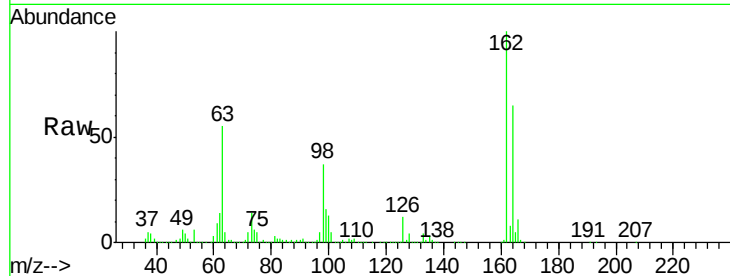
#29
2,4-Dichlorophenol
Concen: 46.894 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:162 Resp: 1124874
Ion Ratio Lower Upper
162 100
164 64.9 44.3 84.3
98 36.9 17.5 57.5

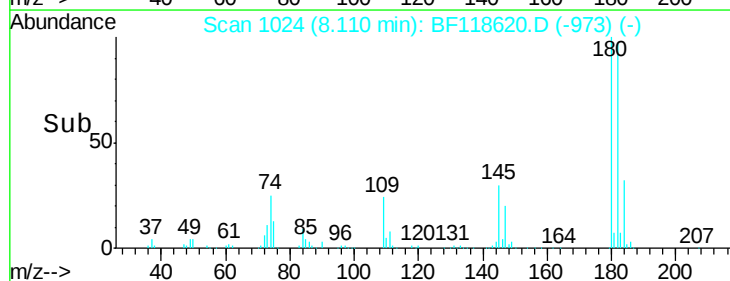
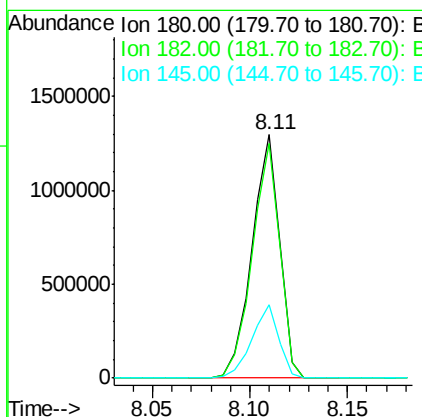
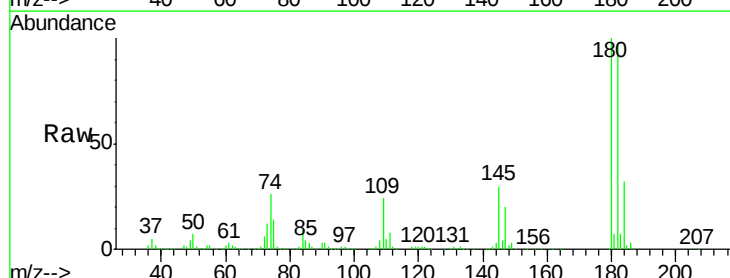
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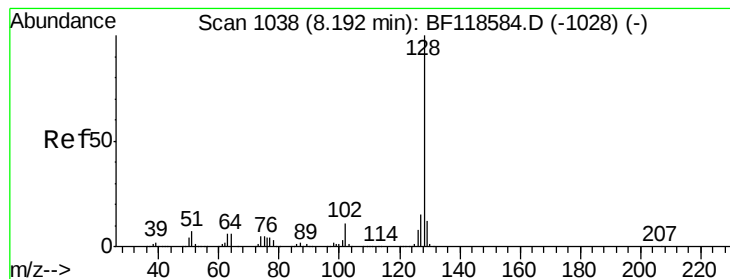
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#30
1,2,4-Trichlorobenzene
Concen: 45.507 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:180 Resp: 1265675
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 30.0 22.8 34.2





#31

Naphthalene

Concen: 47.279 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:128 Resp: 3437908

Ion Ratio Lower Upper

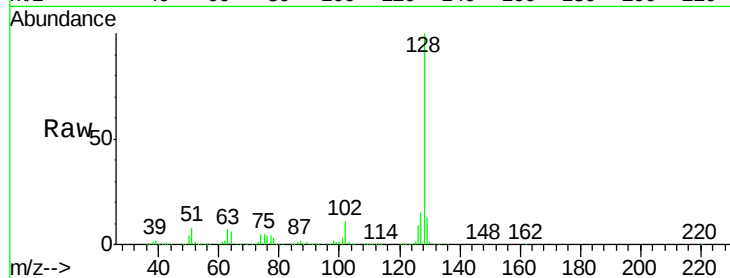
128 100

129 12.9 9.9 14.9

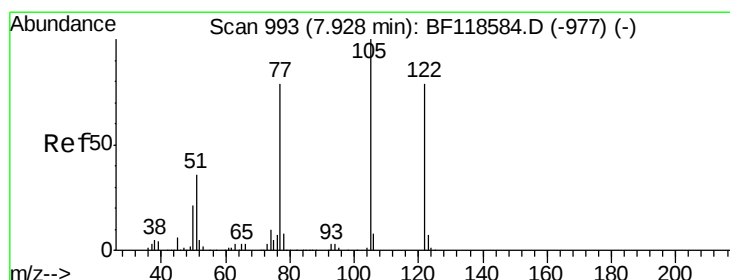
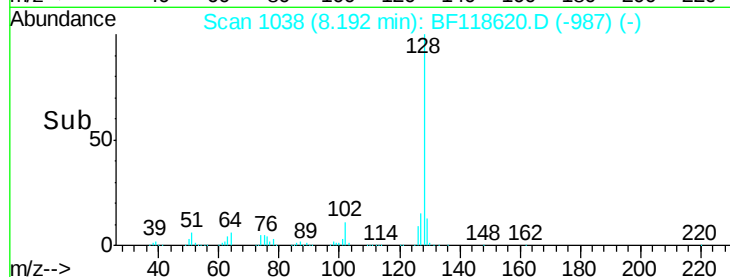
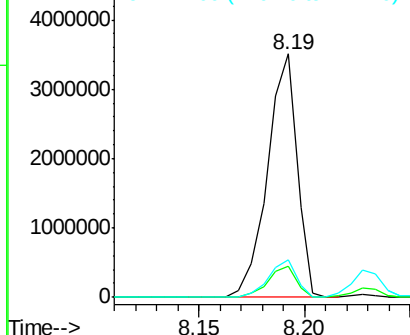
127 15.3 12.0 18.0

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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: 38.935 ng m

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

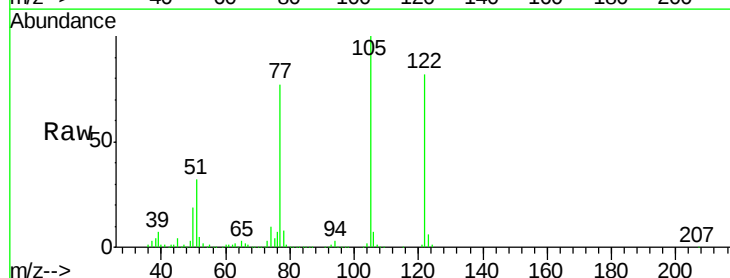
Tgt Ion:122 Resp: 634066

Ion Ratio Lower Upper

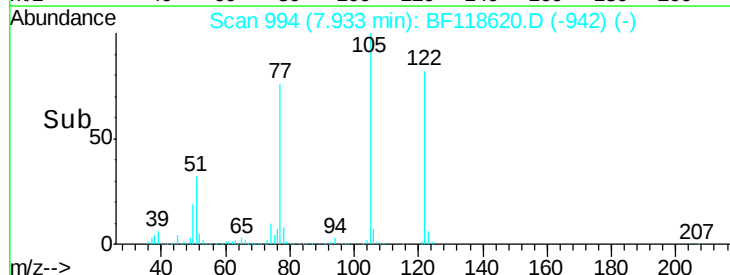
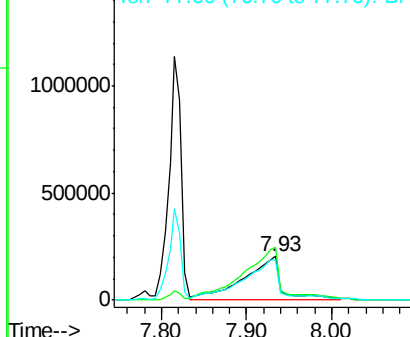
122 100

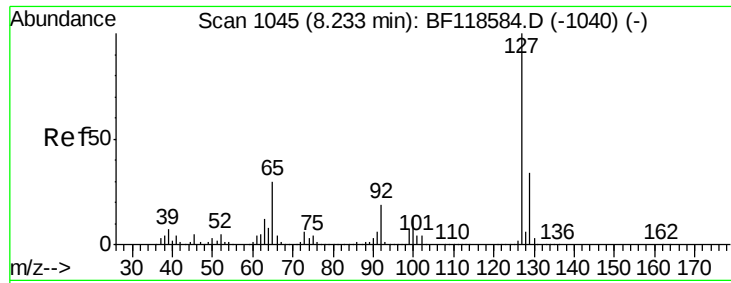
105 121.5 104.3 144.3

77 93.1 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





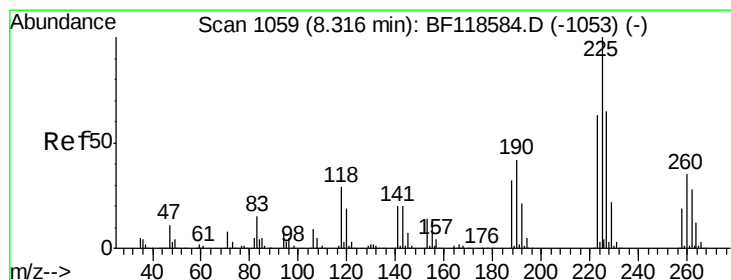
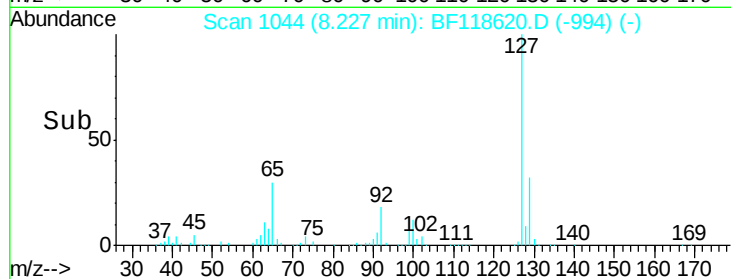
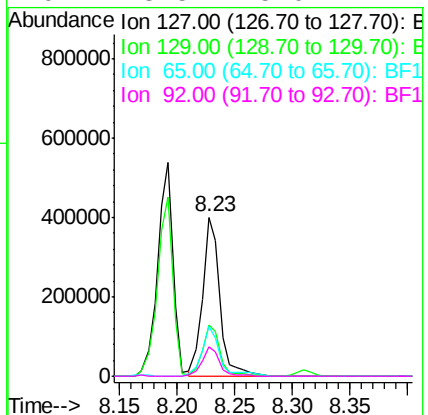
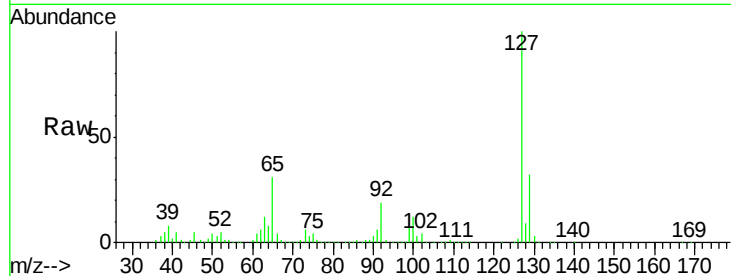
#33
4-Chloroaniline
Concen: 12.497 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	27.4	41.0	
65	31.5	23.6	35.4	
92	18.5	15.0	22.4	

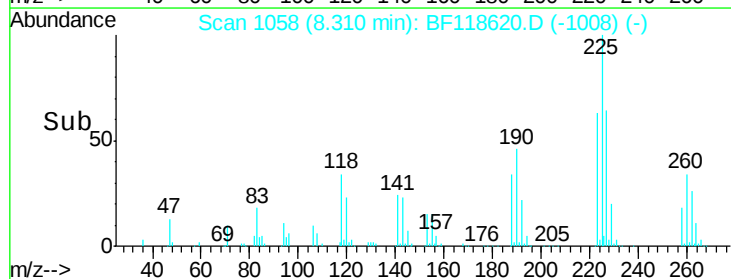
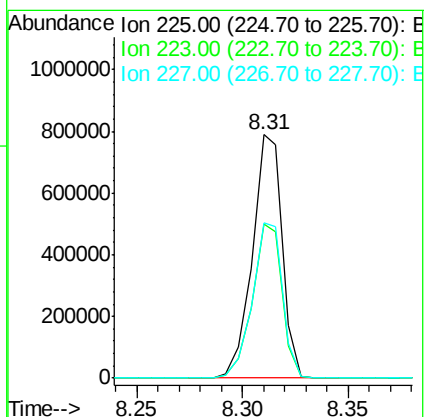
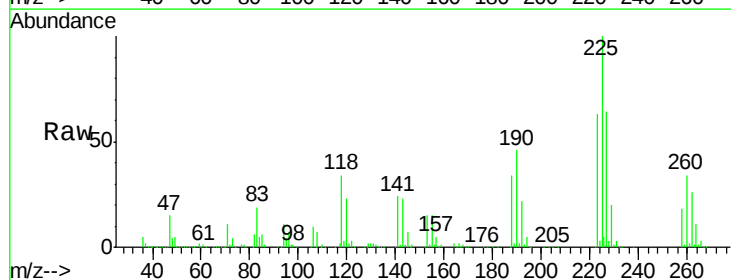
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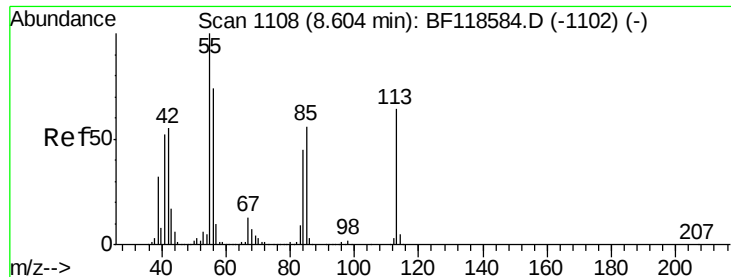
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#34
Hexachlorobutadiene
Concen: 45.852 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.2	75.4	
227	63.9	52.1	78.1	





#35

Caprolactam

Concen: 43.956 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

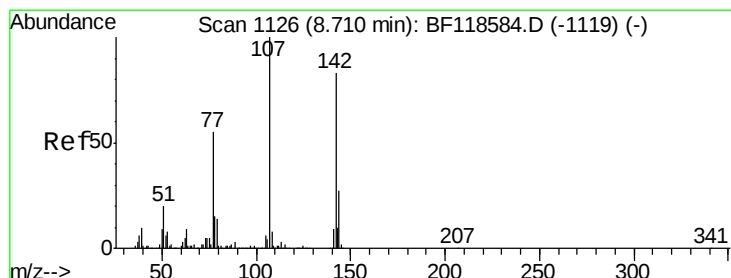
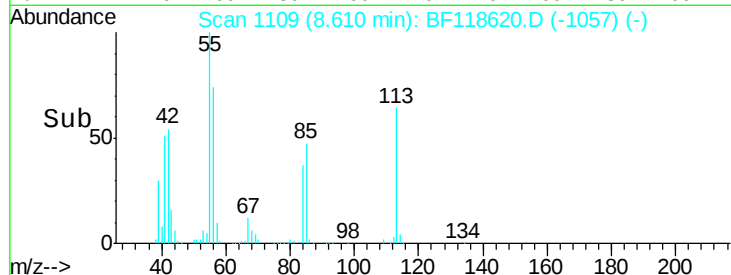
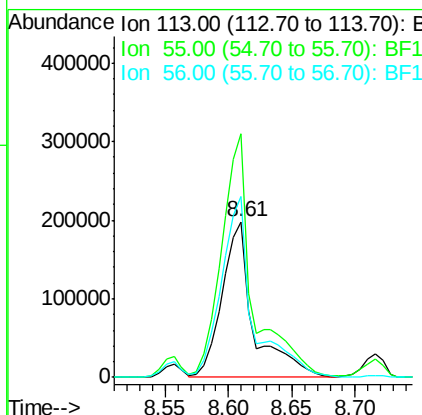
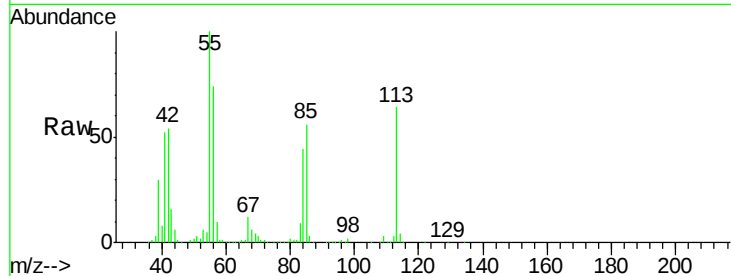
ClientSampleId :

PB126132BS

Tot Ion:	113	Resp:	345052
Ion Ratio	Lower	Upper	
113	100		
55	156.4	136.1	176.1
56	116.1	95.2	135.2

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#36

4-Chloro-3-methylphenol

Concen: 46.096 ng

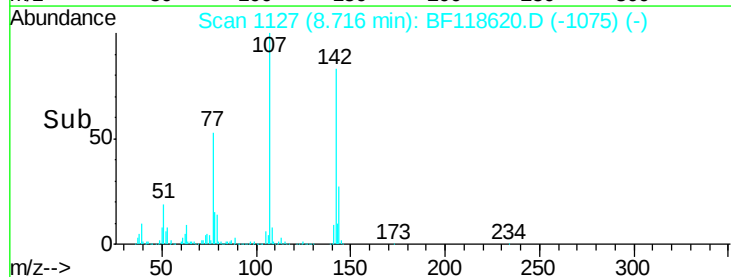
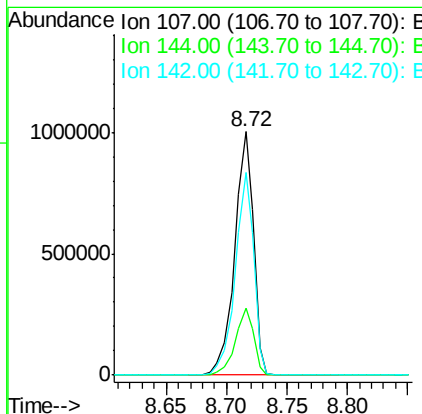
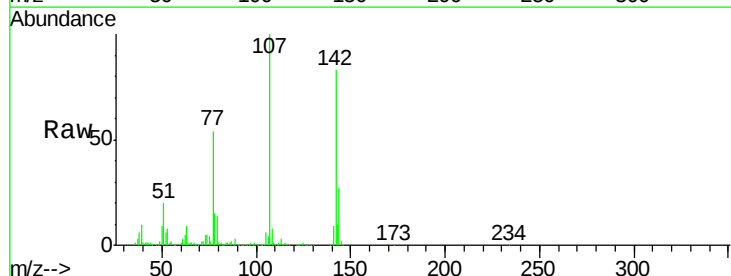
RT: 8.72 min Scan# 1127

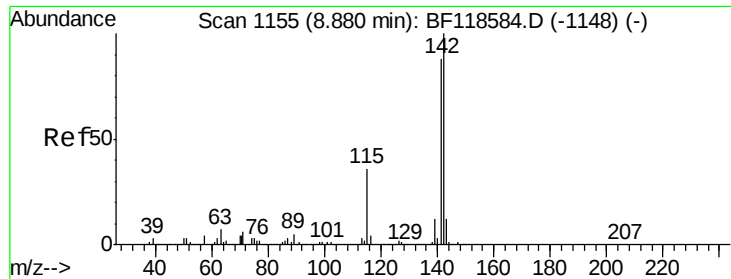
Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:	107	Resp:	1091896
Ion Ratio	Lower	Upper	
107	100		
144	27.3	21.8	32.8
142	83.2	66.5	99.7





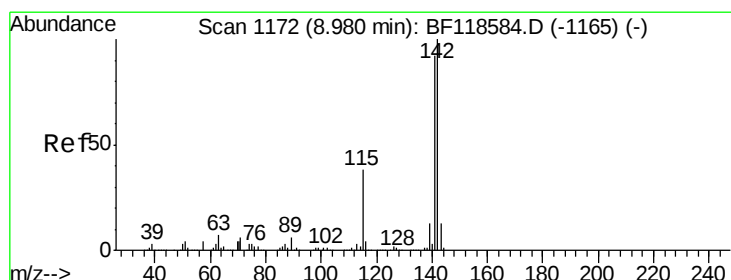
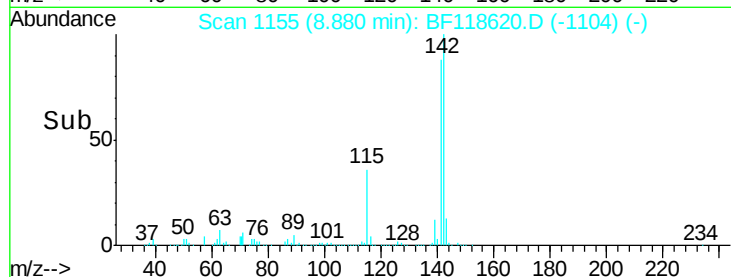
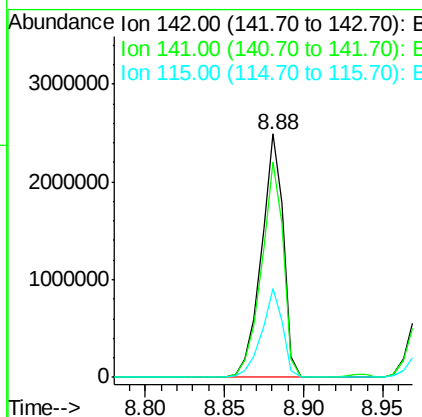
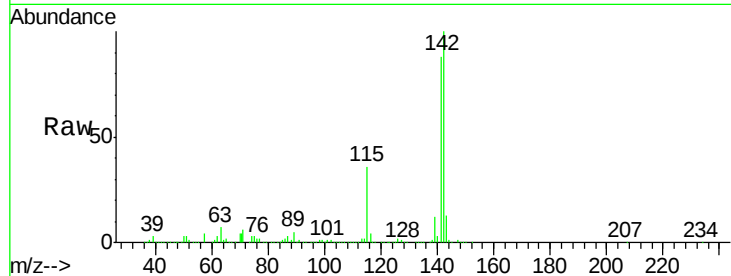
#37
2-Methylnaphthalene
Concen: 47.050 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	36.2	28.5	42.7

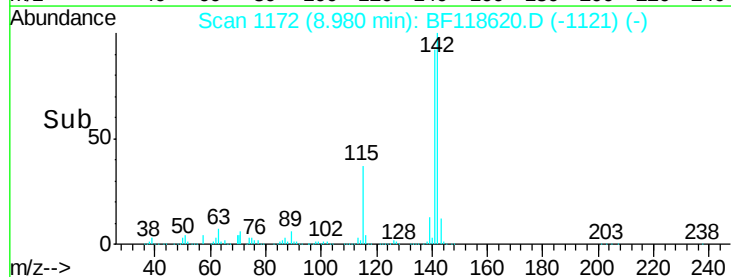
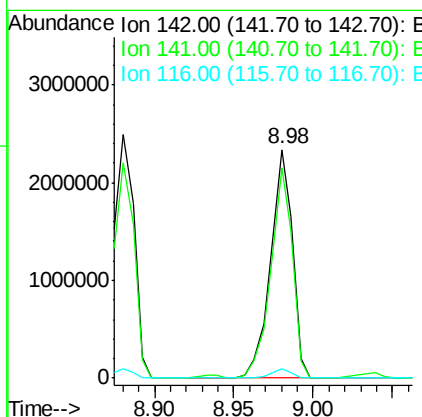
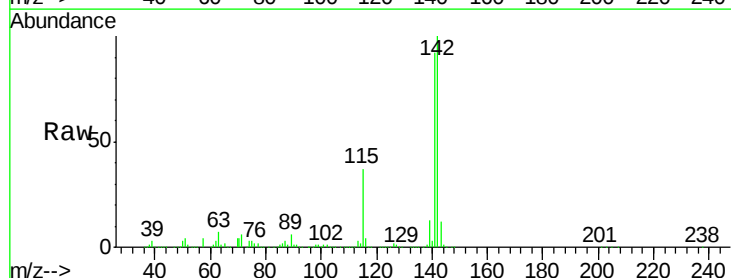
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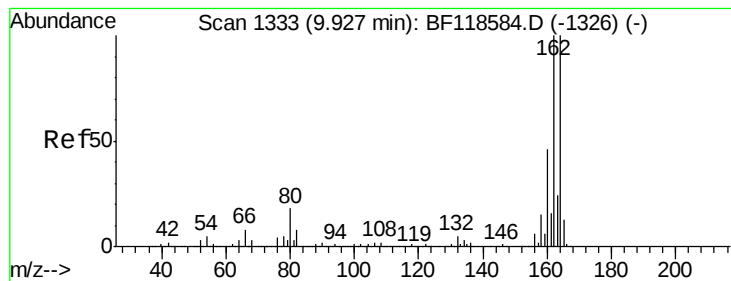
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#38
1-Methylnaphthalene
Concen: 46.462 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

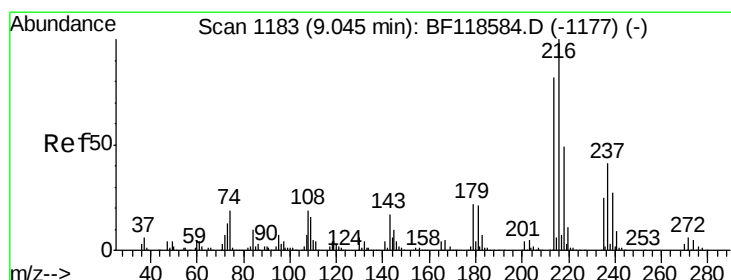
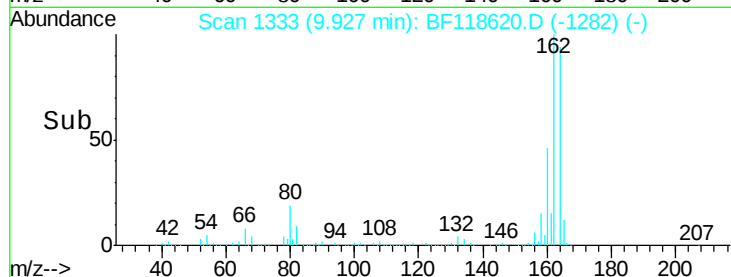
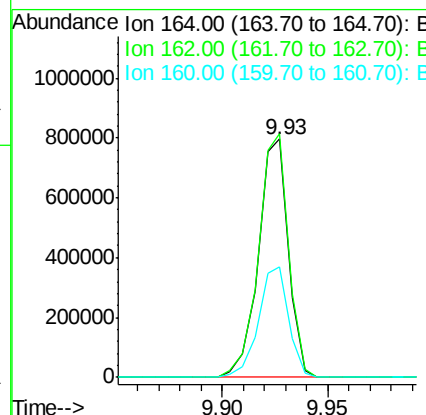
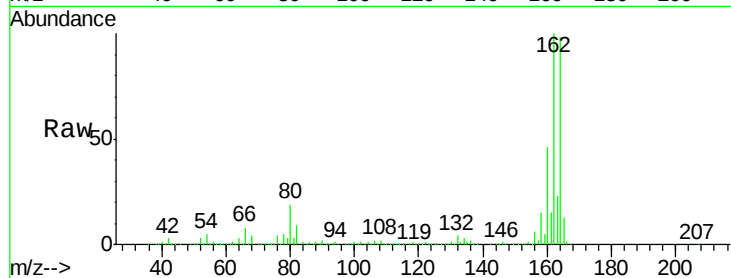
ClientSampled :

PB126132BS

Tot Ion:	164	Resp:	787478
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.4	120.6
160	46.6	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.421 ng

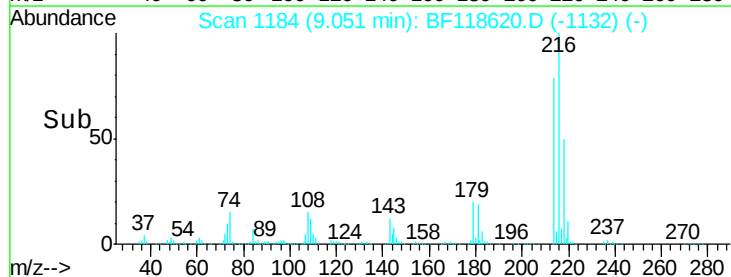
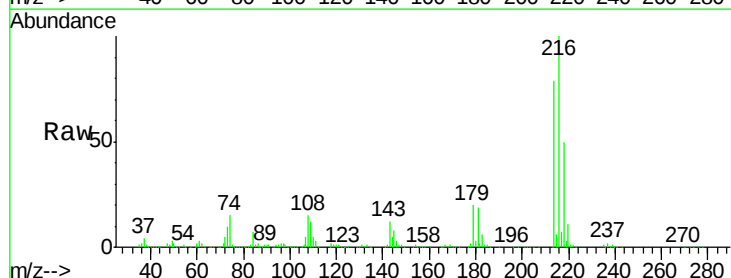
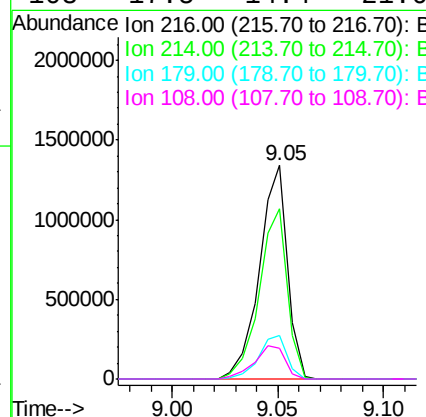
RT: 9.05 min Scan# 1184

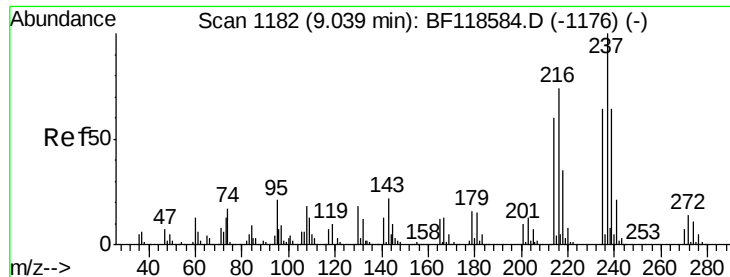
Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:	216	Resp:	1242363
Ion Ratio	Lower	Upper	
216	100		
214	79.5	64.2	96.2
179	20.7	16.6	25.0
108	17.5	14.4	21.6





#41

Hexachlorocyclopentadiene

Concen: 38.913 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

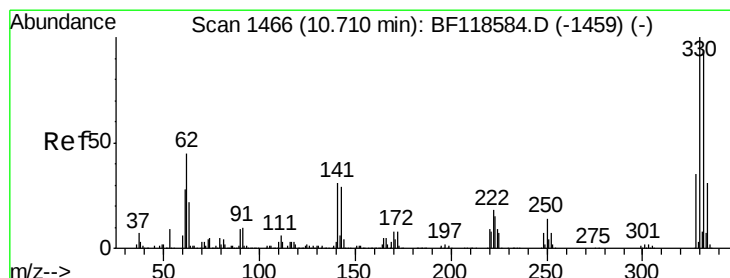
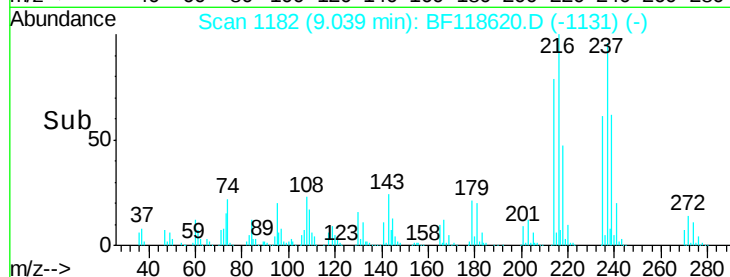
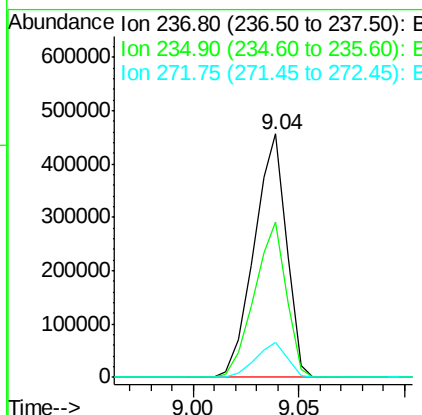
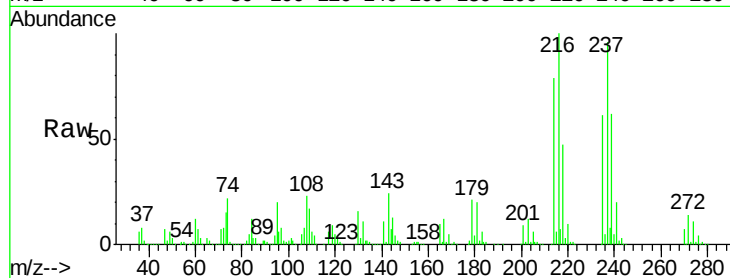
ClientSampleId :

PB126132BS

Tot Ion:	237	Resp:	483745
Ion Ratio		Lower	Upper
237	100		
235	63.6	44.0	84.0
272	14.2	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 66.120 ng

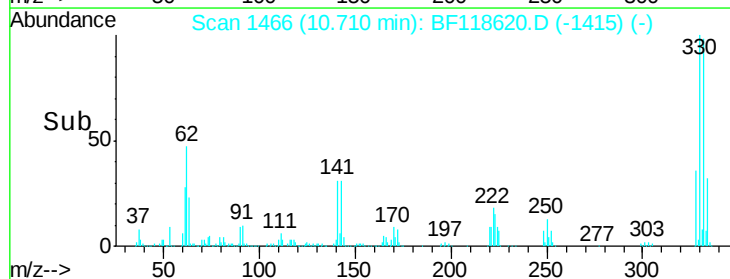
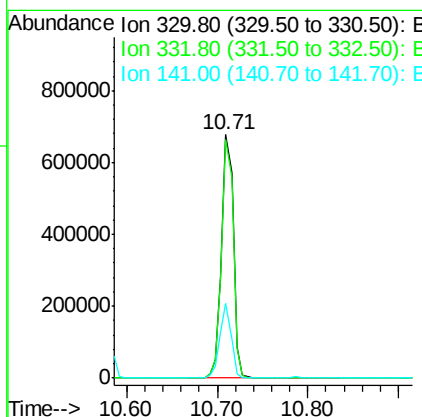
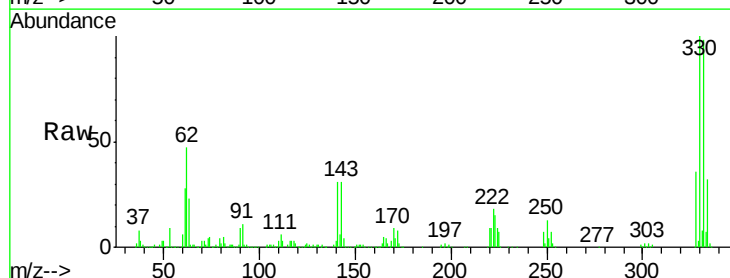
RT: 10.71 min Scan# 1466

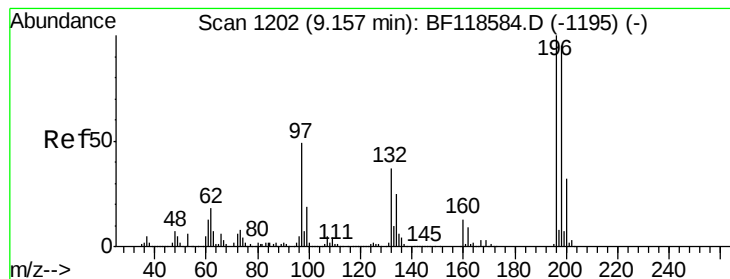
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:	330	Resp:	602237
Ion Ratio		Lower	Upper
330	100		
332	97.7	76.2	114.4
141	29.3	23.9	35.9





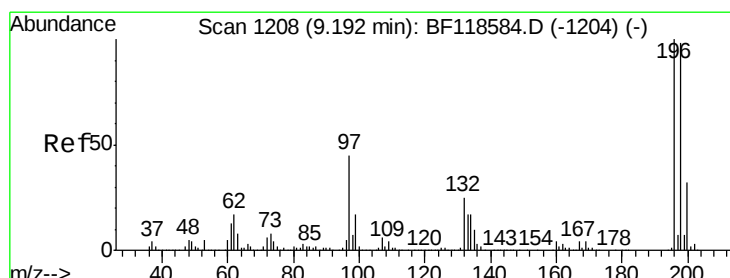
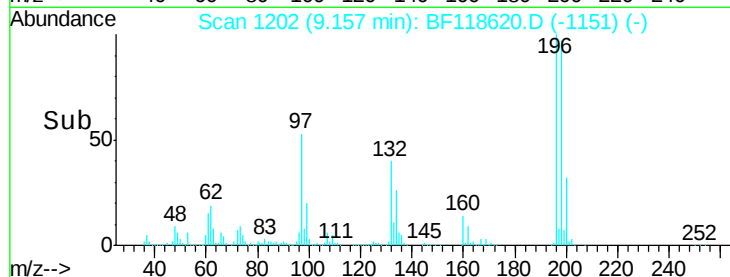
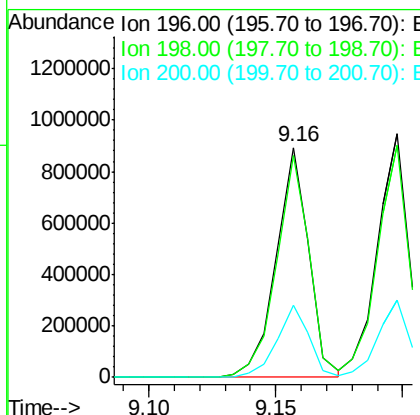
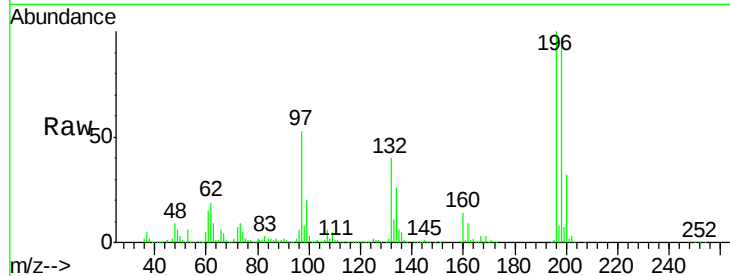
#43
 2,4,6-Trichlorophenol
 Concen: 49.471 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion:	196	Resp:	808873
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.3	114.5
200	31.6	25.4	38.2

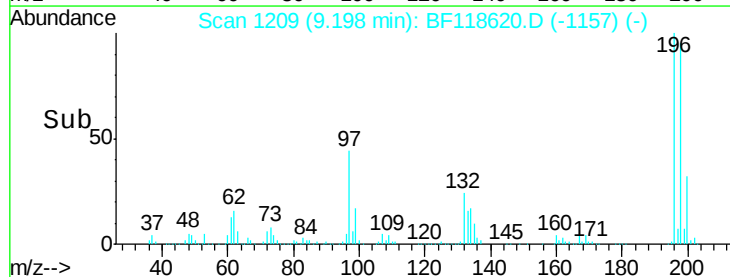
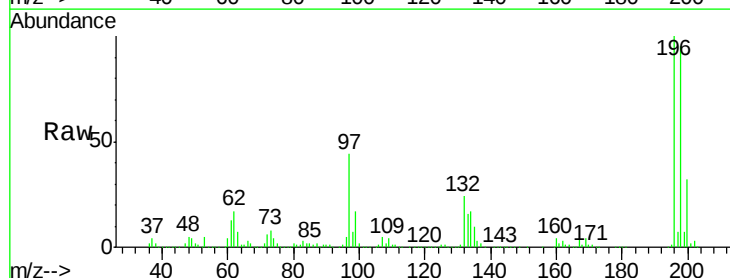
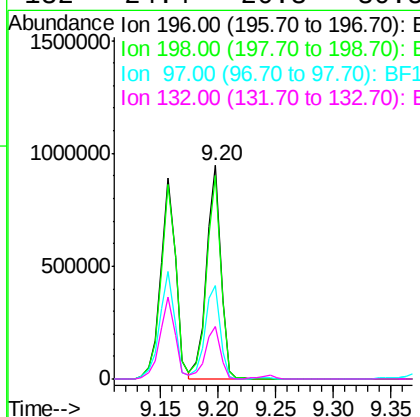
Manual Integrations
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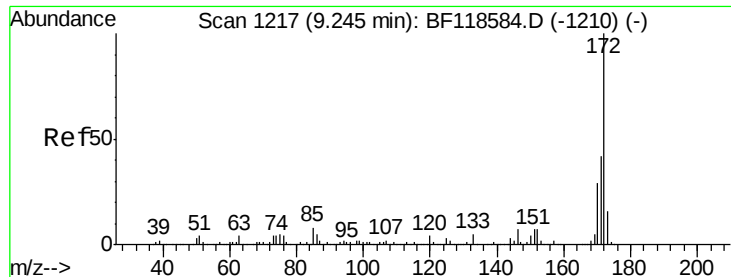
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.017 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:	196	Resp:	818521
Ion Ratio	Lower	Upper	
196	100		
198	95.4	78.3	117.5
97	43.7	35.9	53.9
132	24.4	20.3	30.5





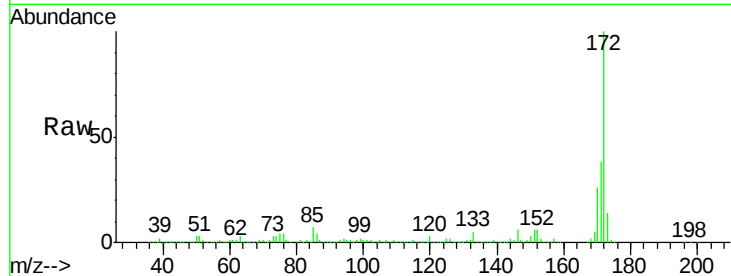
#45
2-Fluorobiphenyl
Concen: 61.052 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.4	50.2
170	26.3	23.2	34.8

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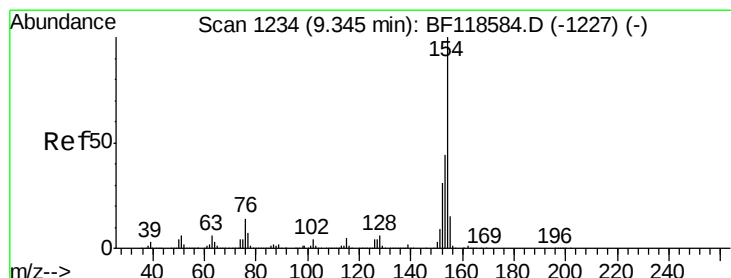
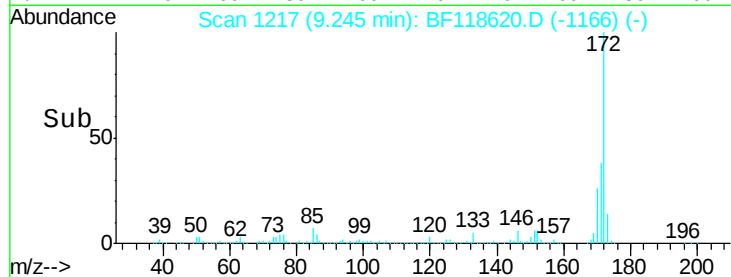
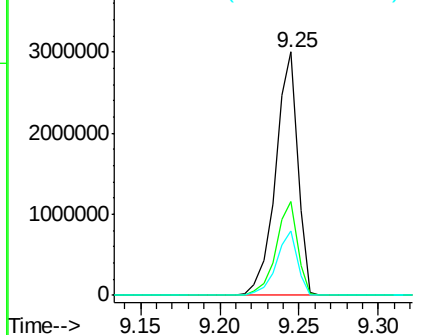


Abundance

Ion 172.00 (171.70 to 172.70): E

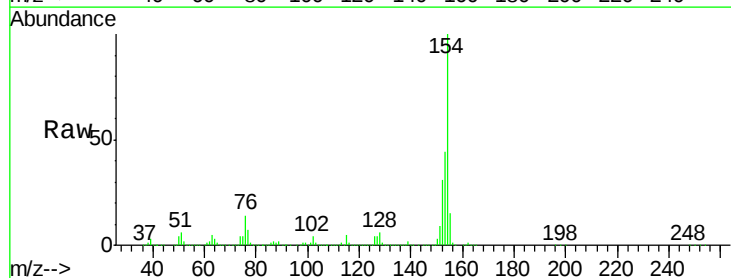
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 51.248 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.8	63.8
76	14.2	0.0	34.3

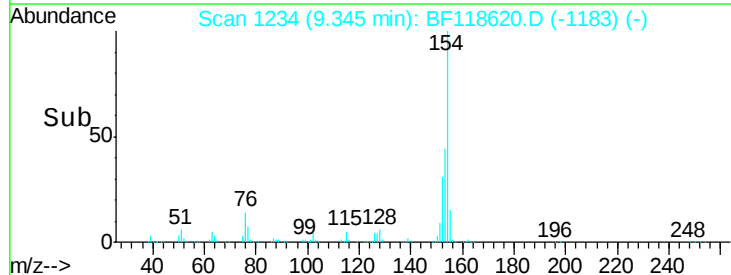
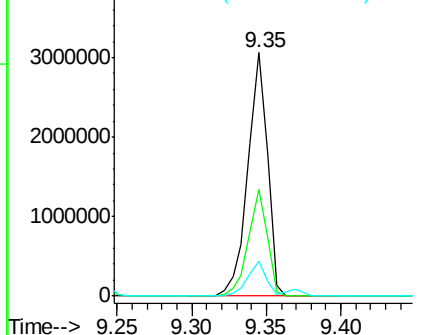


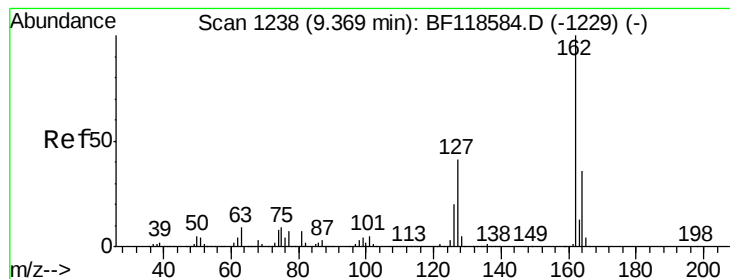
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





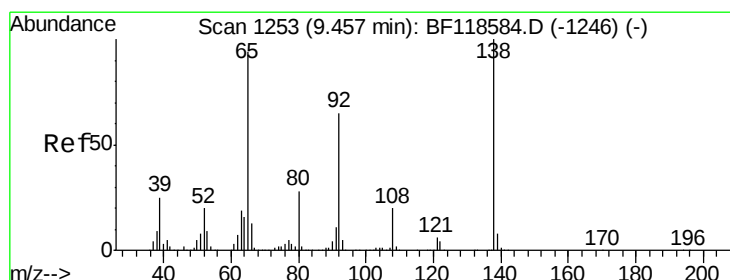
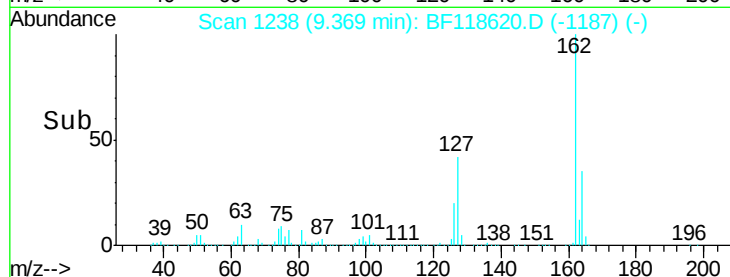
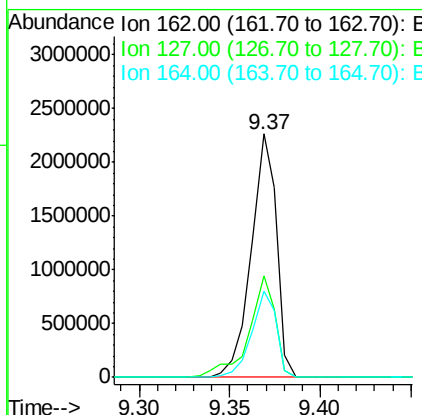
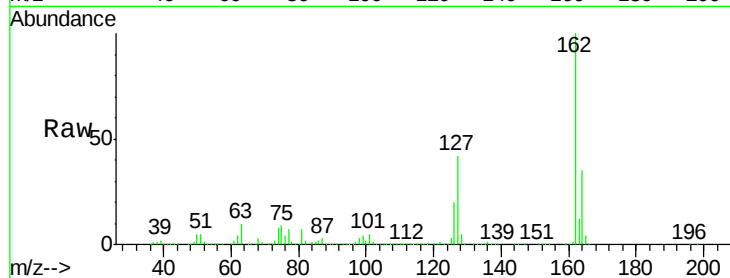
#47
 2-Chloronaphthalene
 Concen: 47.942 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion:	162	Resp:	2193116
Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.0	49.6
164	35.4	28.6	42.8

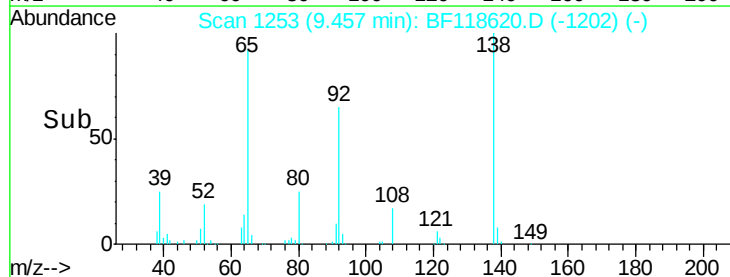
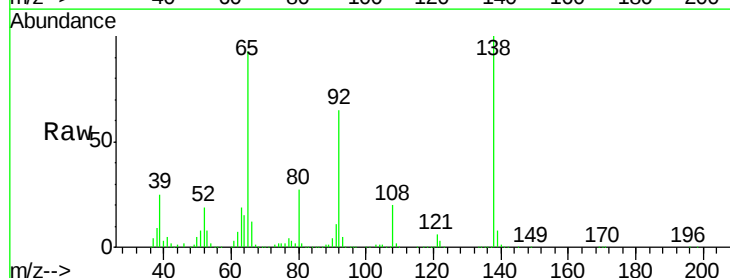
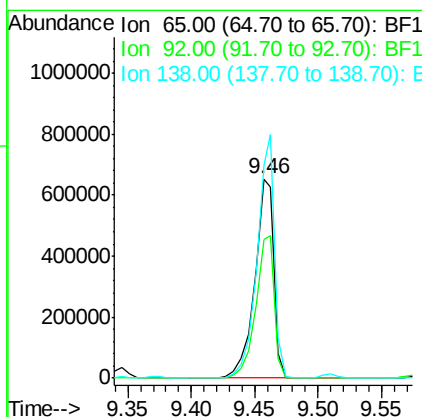
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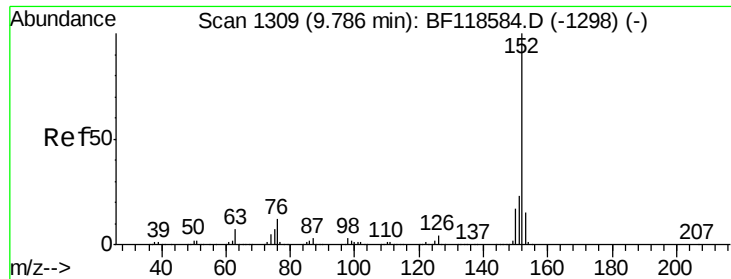
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#48
 2-Nitroaniline
 Concen: 49.166 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion:	65	Resp:	691372
Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.4	83.0
138	107.3	85.0	127.6





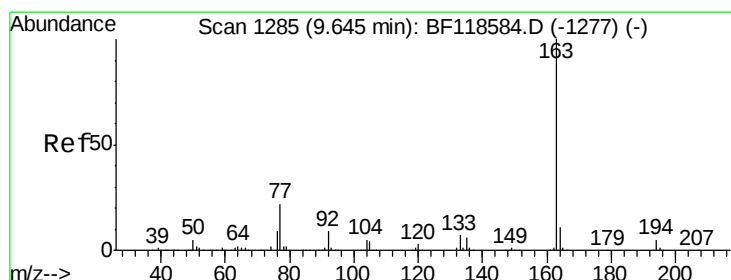
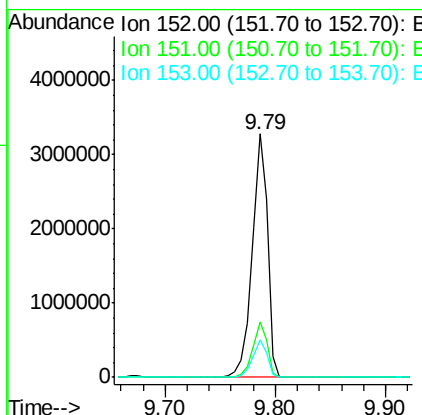
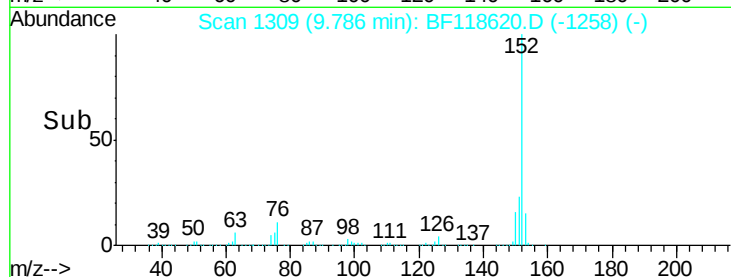
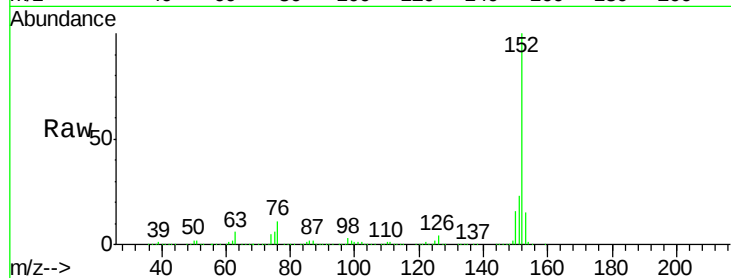
#49
Acenaphthylene
Concen: 49.728 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.6	27.8
153	15.3	12.2	18.4

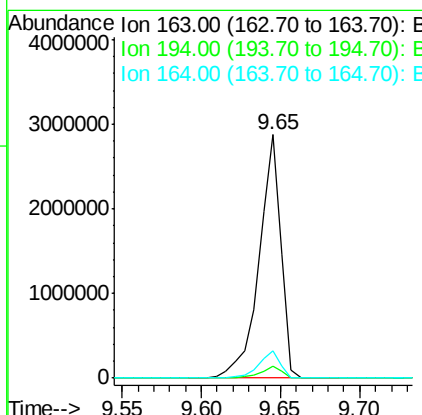
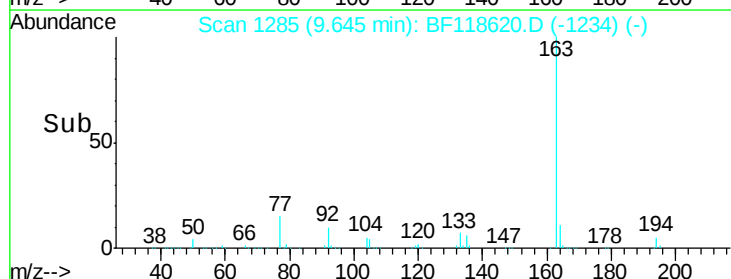
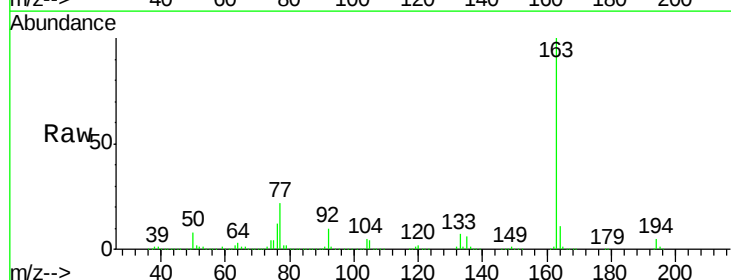
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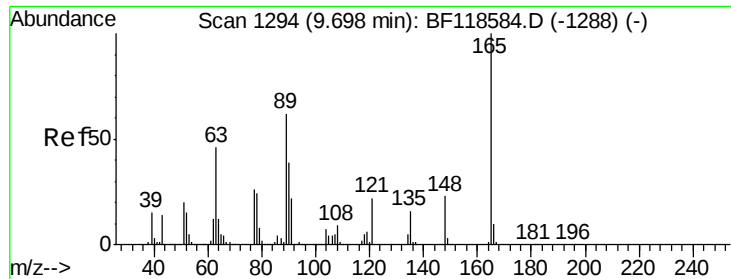
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#50
Dimethylphthalate
Concen: 53.872 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	11.2	9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 47.357 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:165 Resp: 544067
Ion Ratio Lower Upper

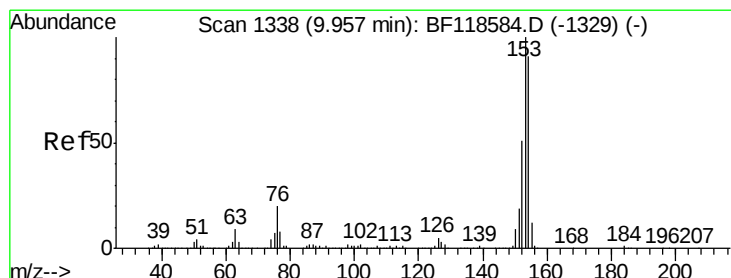
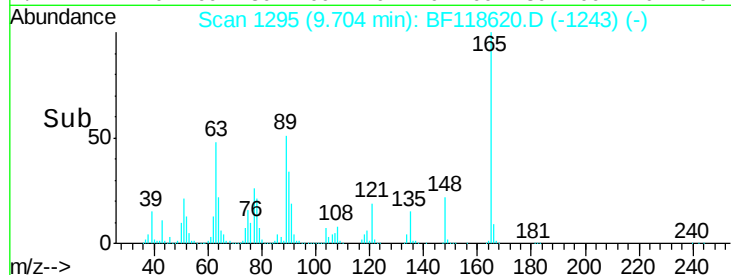
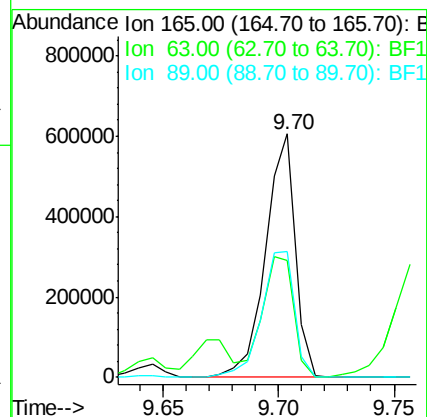
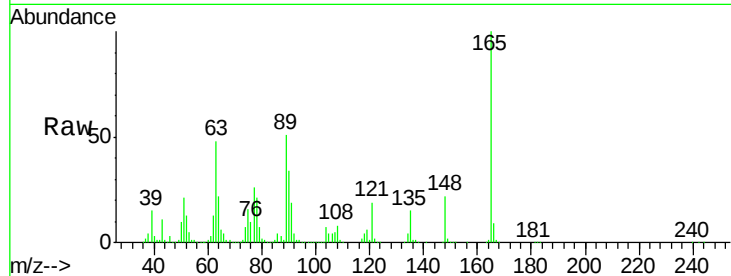
165 100

63 48.1 48.9 73.3#

89 51.4 49.8 74.6

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#52

Acenaphthene

Concen: 46.208 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF118620.D

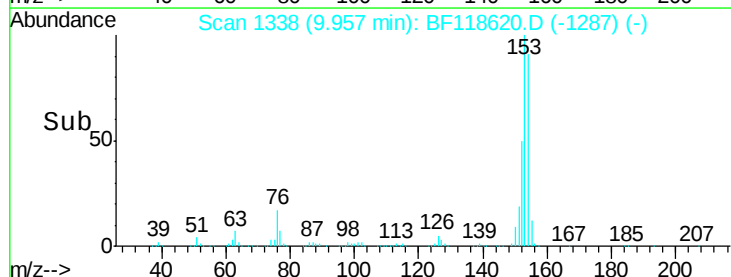
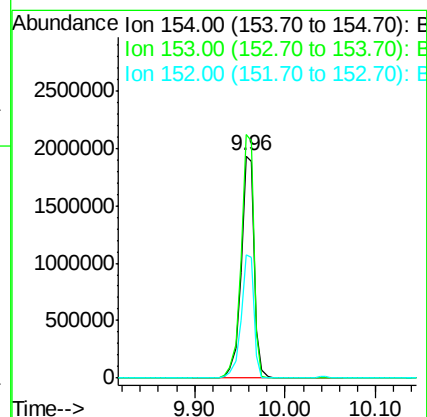
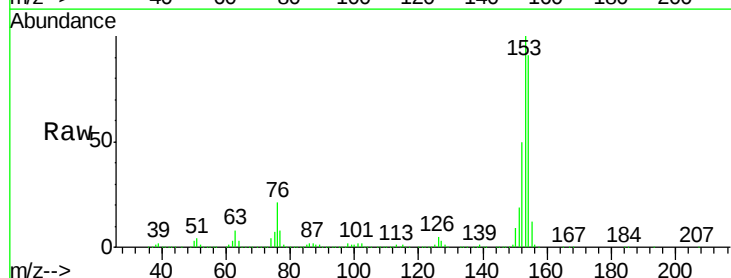
Acq: 21 Jan 2020 6:12

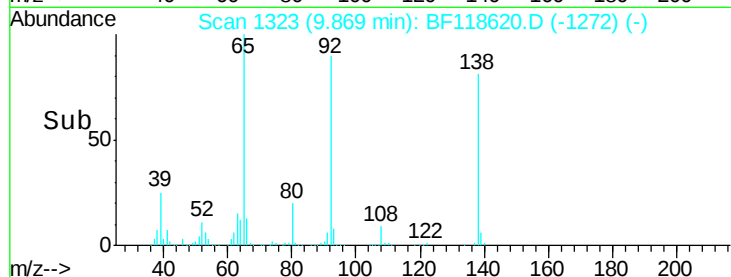
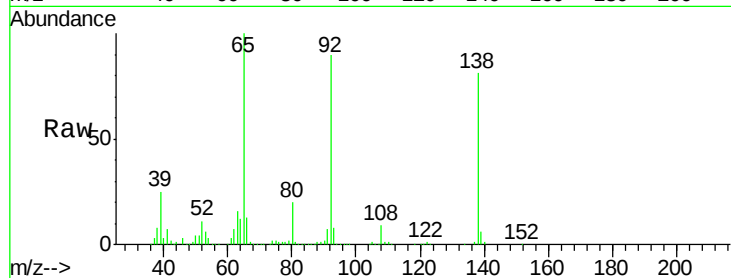
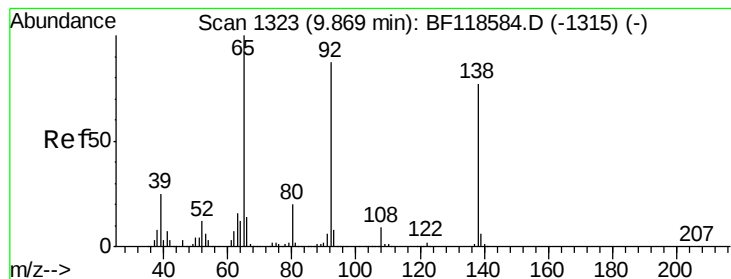
Tgt Ion:154 Resp: 1988445
Ion Ratio Lower Upper

154 100

153 109.5 87.6 131.4

152 55.2 44.4 66.6





#53

3-Nitroaniline

Concen: 36.338 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.6	14.4
92	111.9	90.6	136.0

Instrument :

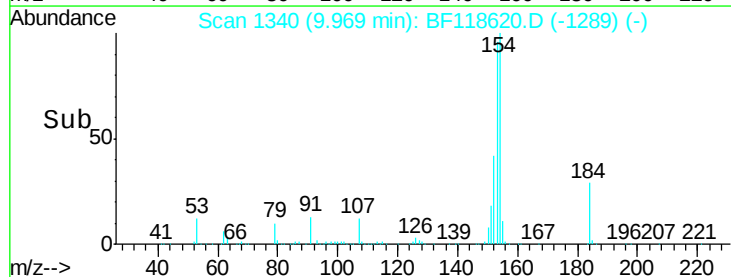
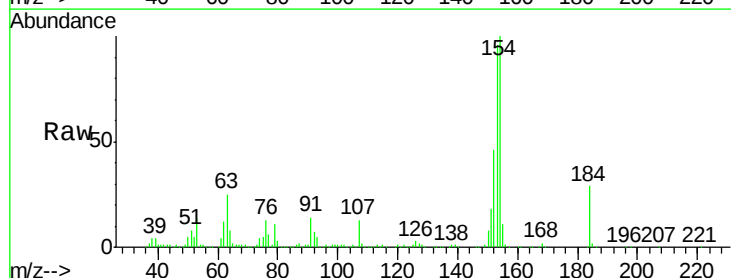
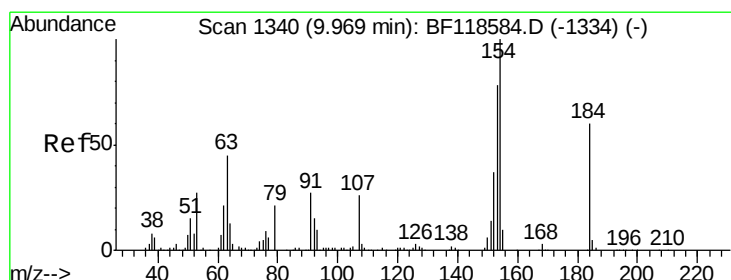
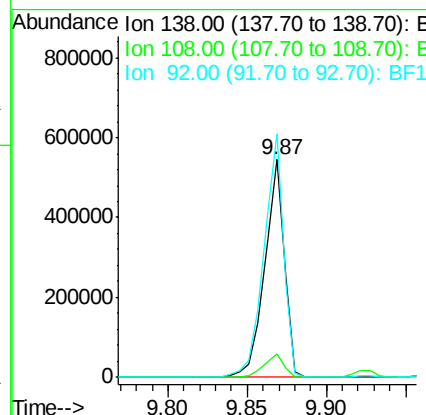
BNA_F

ClientSampleId :

PB126132BS

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#54

2,4-Dinitrophenol

Concen: 24.120 ng

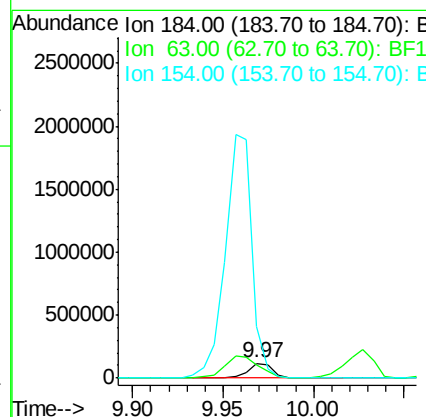
RT: 9.97 min Scan# 1340

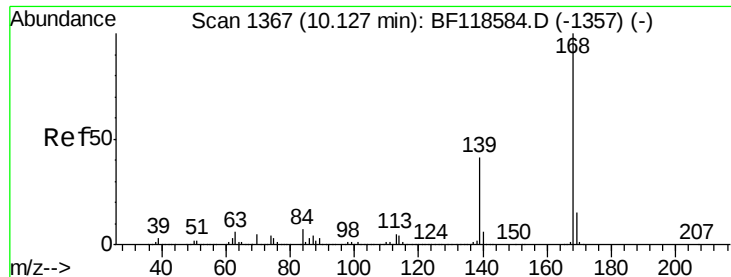
Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.4	60.6	90.8
154	349.6	137.3	205.9#





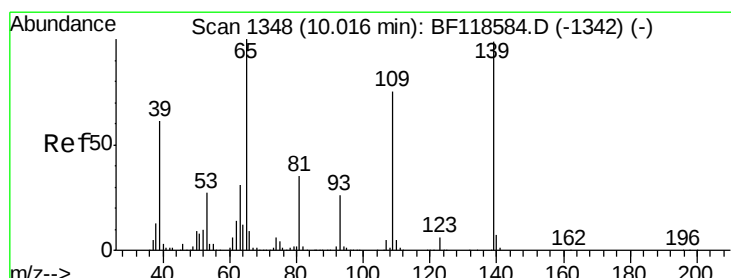
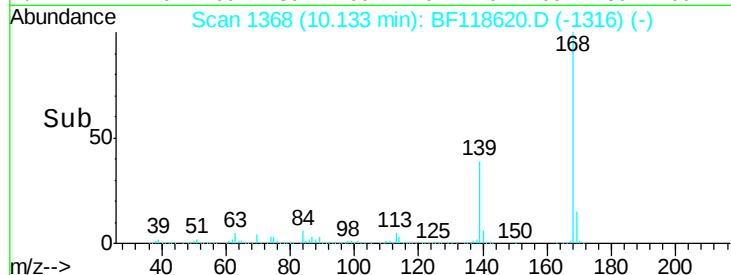
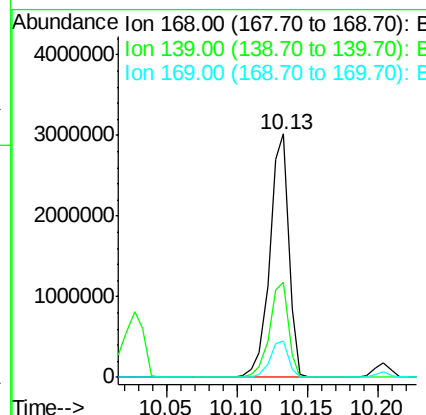
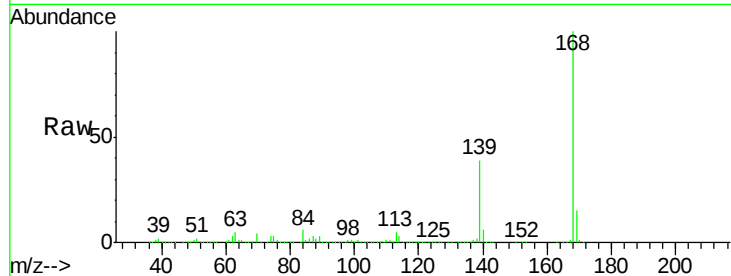
#55
Dibenzenofuran
Concen: 48.465 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.7	49.1
169	14.7	12.2	18.2

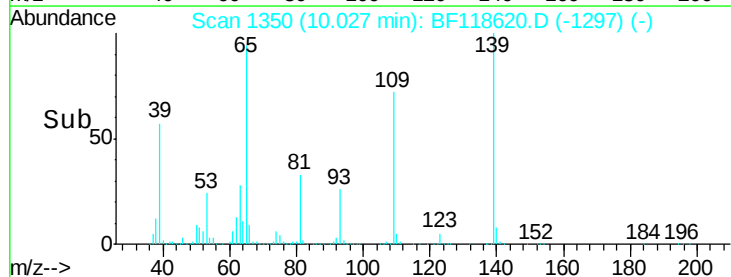
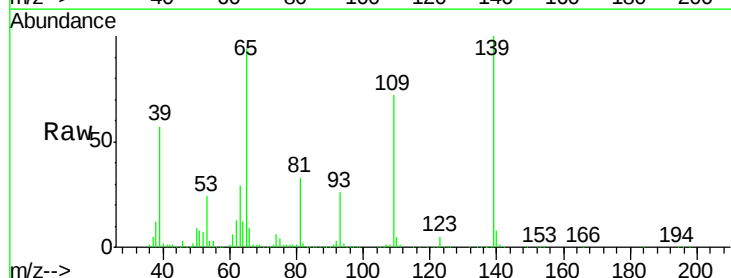
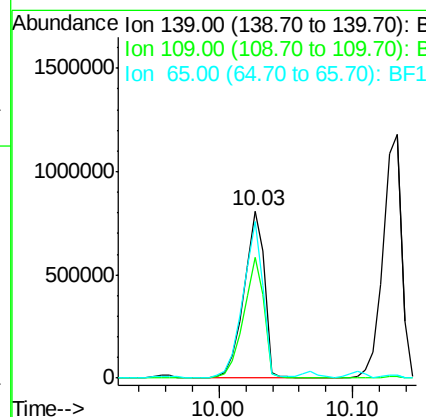
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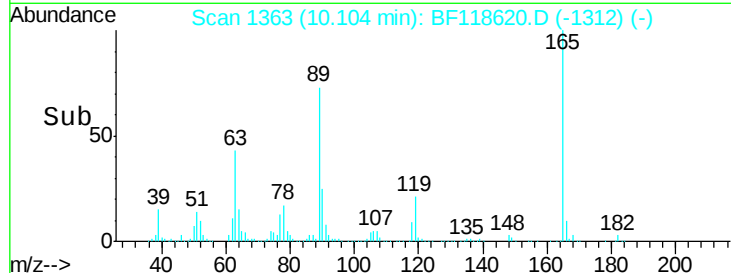
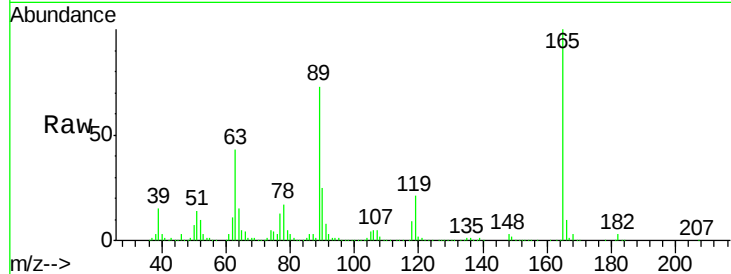
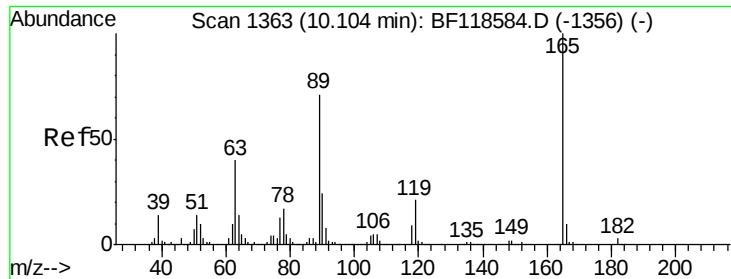
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#56
4-Nitrophenol
Concen: 87.199 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	56.0	96.0
65	93.9	81.4	121.4





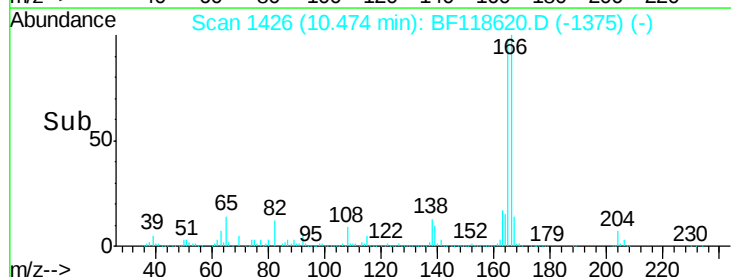
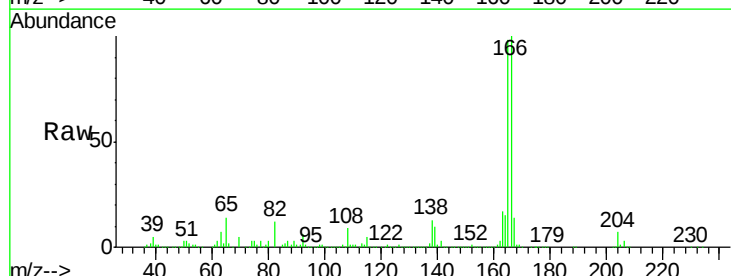
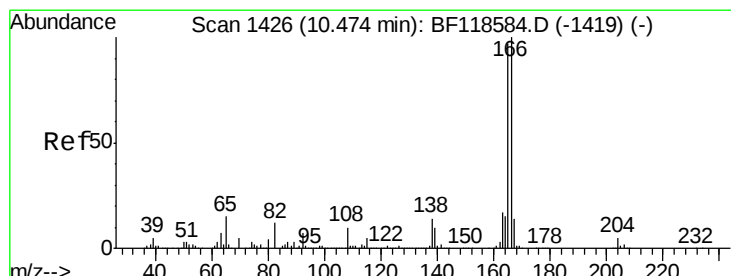
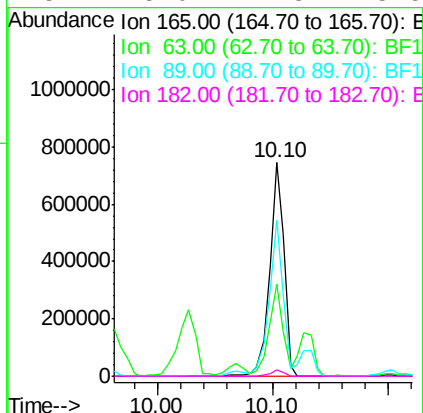
#57
2,4-Dinitrotoluene
Concen: 45.168 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	654176		
63	43.4		32.4	48.6
89	73.2		56.4	84.6
182	3.0		2.3	3.5

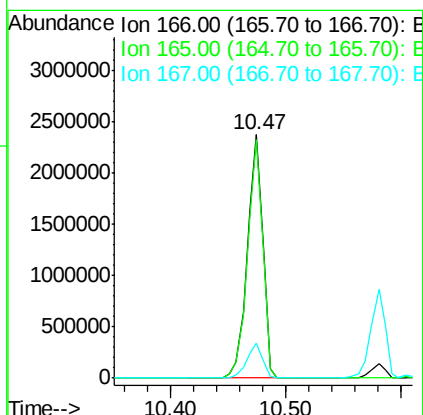
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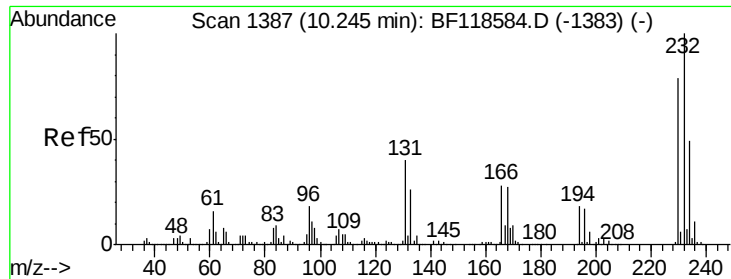
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#58
Fluorene
Concen: 46.573 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2180357		
165	97.8		77.3	115.9
167	14.5		11.5	17.3





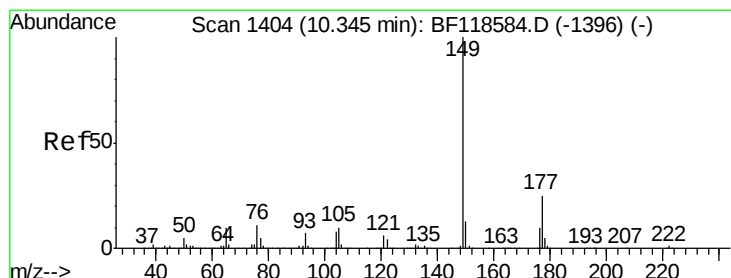
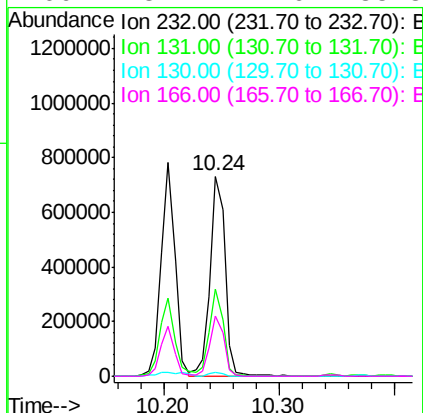
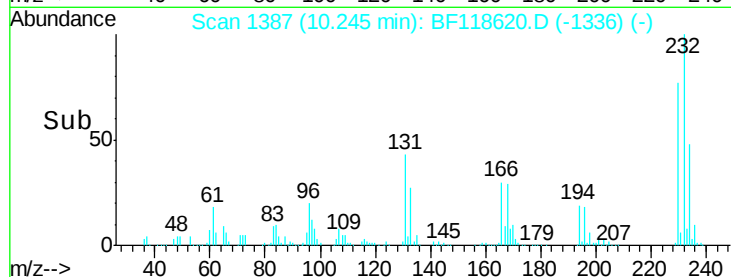
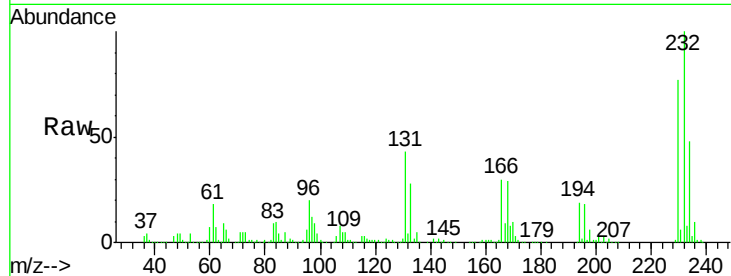
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.986 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		660727		
131	40.4	33.2	49.8		
130	2.0	1.8	2.6		
166	28.7	22.6	33.8		

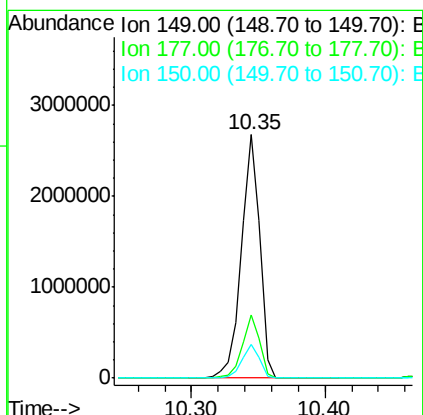
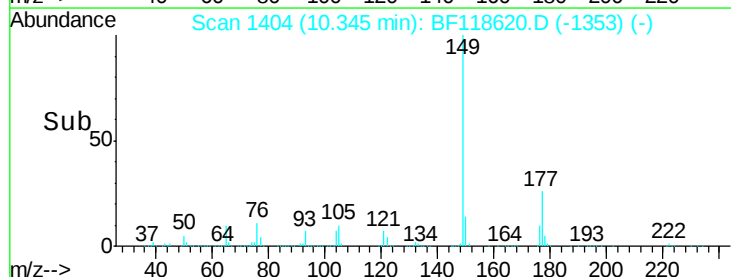
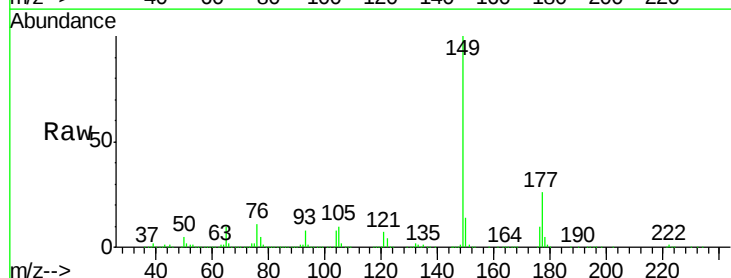
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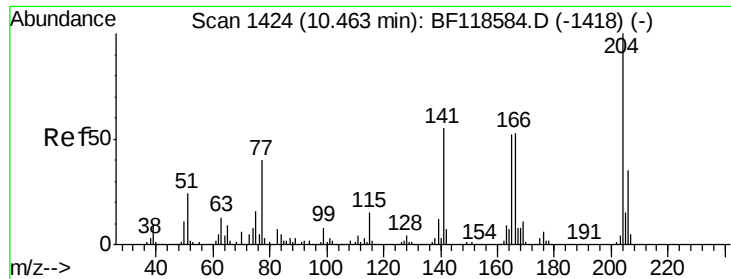
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#60
Diethylphthalate
Concen: 51.487 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2561155		
177	25.8	20.0	30.0		
150	13.7	10.6	16.0		





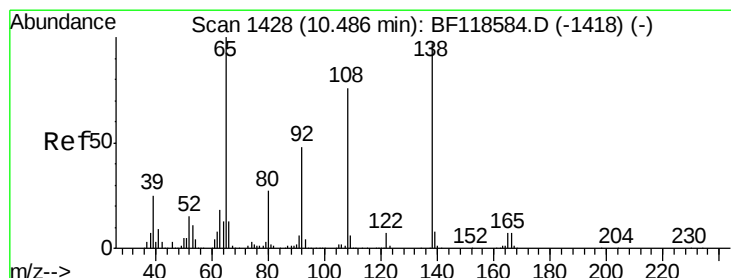
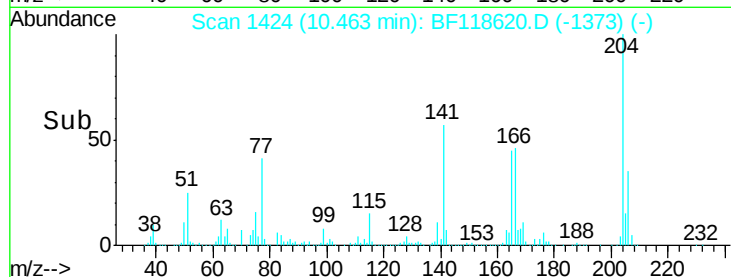
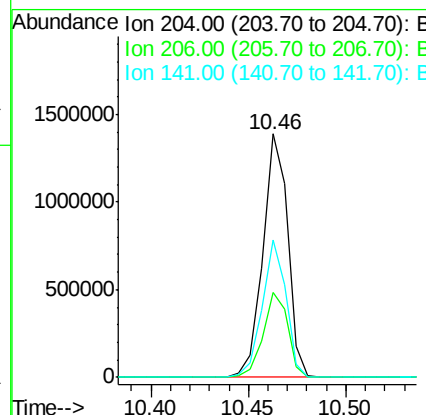
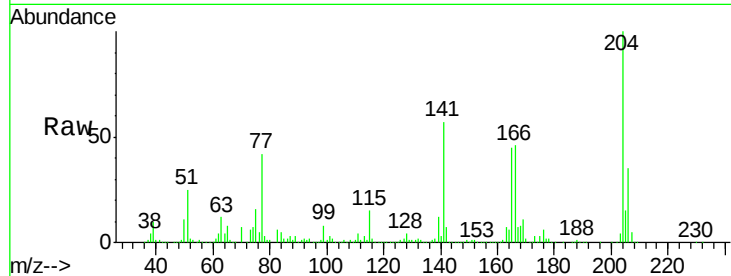
#61
4-Chlorophenyl-phenylether
Concen: 47.966 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:204 Resp: 1221328
Ion Ratio Lower Upper
204 100
206 34.9 27.8 41.6
141 56.5 43.7 65.5

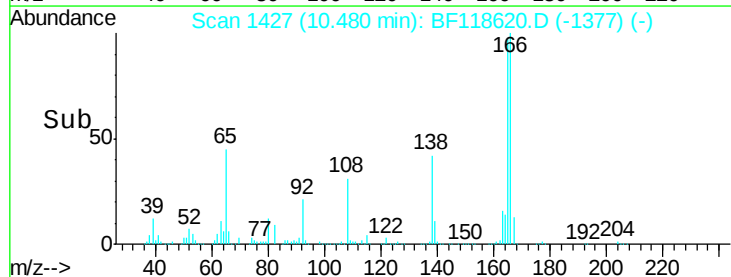
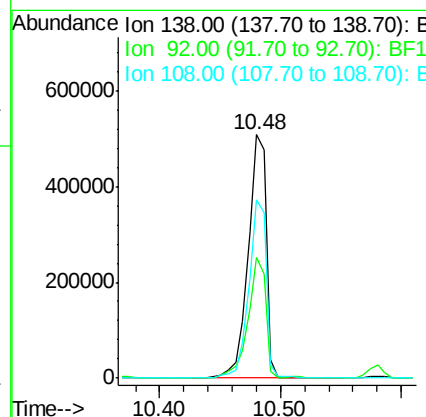
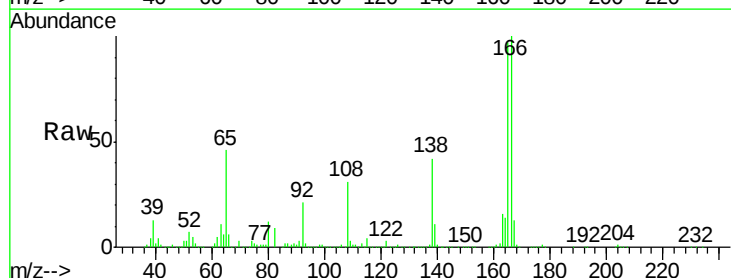
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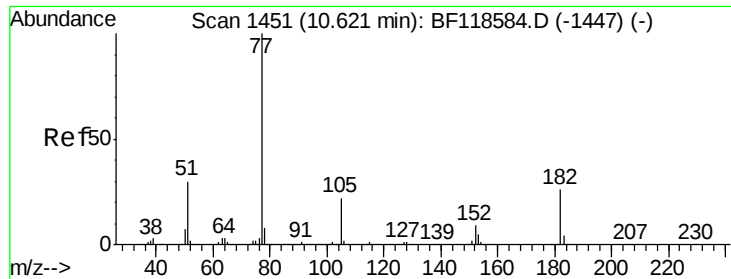
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#62
4-Nitroaniline
Concen: 39.787 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:138 Resp: 535387
Ion Ratio Lower Upper
138 100
92 49.5 29.4 69.4
108 73.2 58.2 98.2





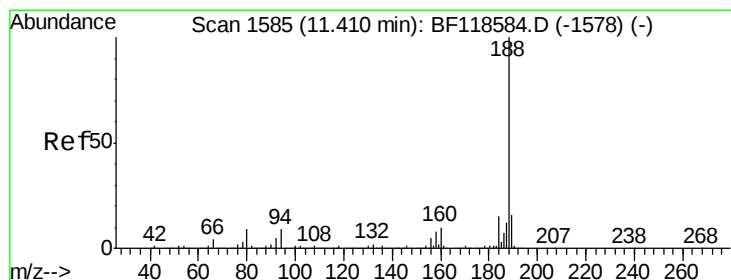
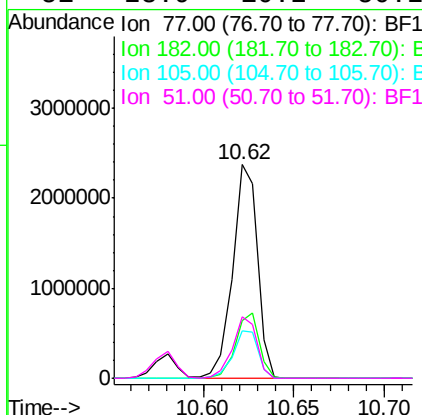
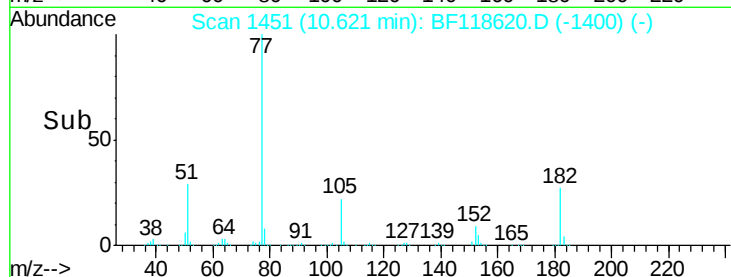
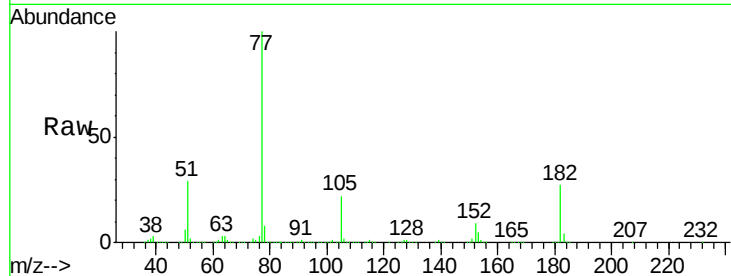
#63
Azobenzene
Concen: 46.962 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	5.6	45.6	
105	22.3	2.0	42.0	
51	28.9	10.2	50.2	

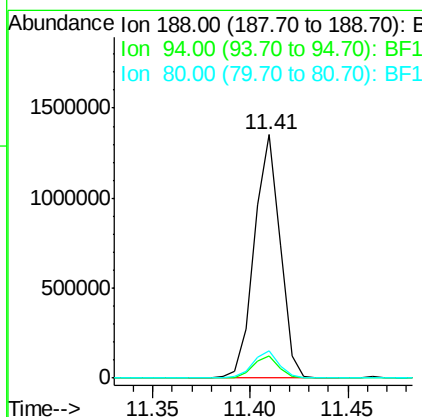
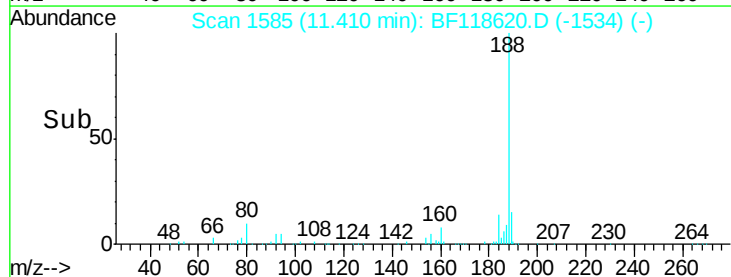
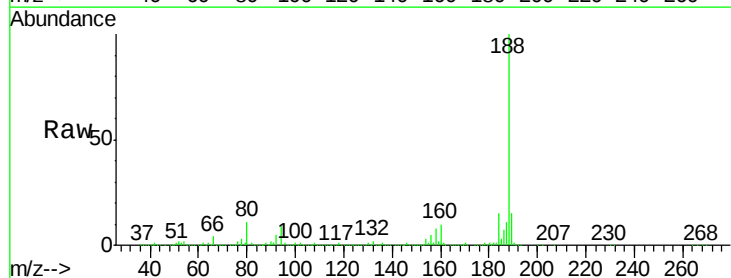
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.1	10.7	
80	11.1	7.5	11.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 17.940 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:198 Resp: 97616

Ion Ratio Lower Upper

198 100

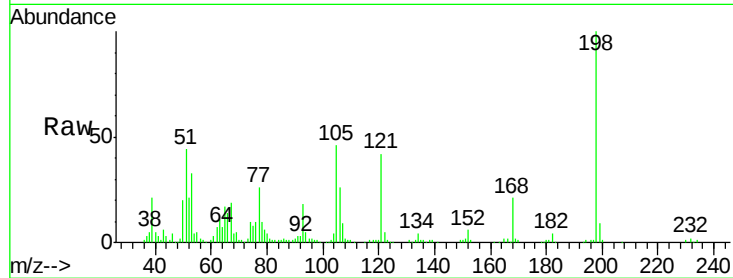
51 44.2 25.2 65.2

105 46.1 26.3 66.3

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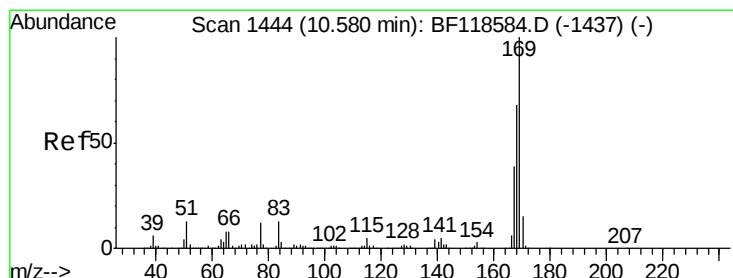
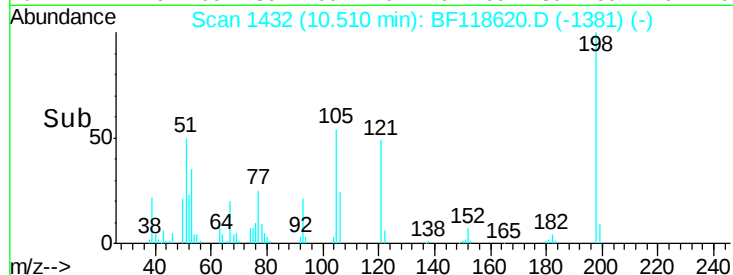
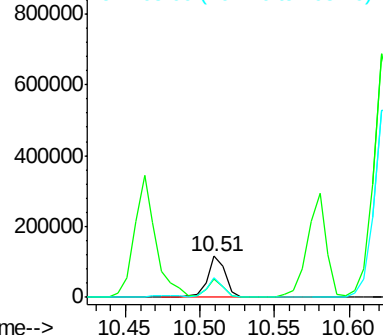
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.786 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

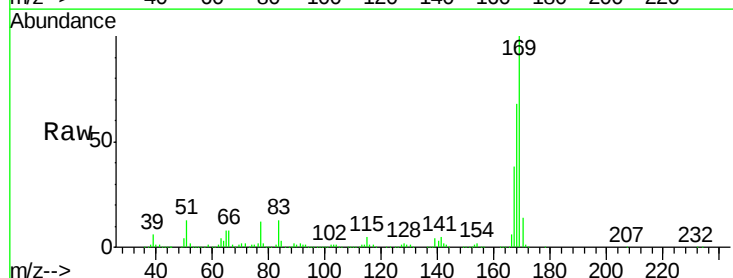
Tgt Ion:169 Resp: 2044475

Ion Ratio Lower Upper

169 100

168 68.4 54.6 82.0

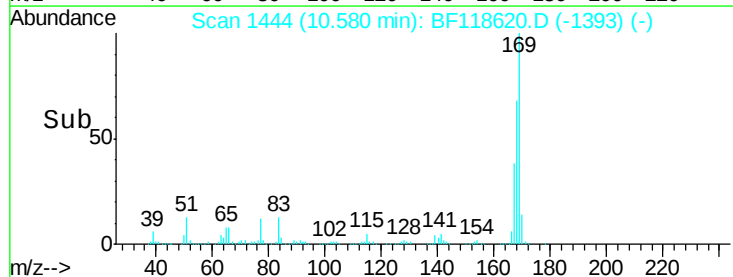
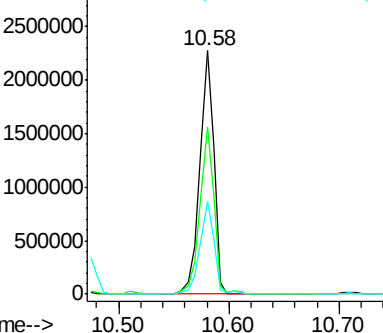
167 38.3 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





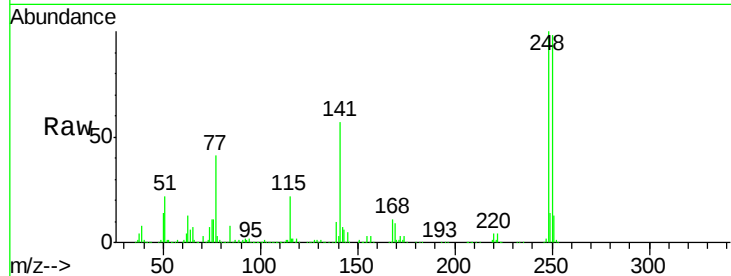
#67
4-Bromophenyl-phenylether
Concen: 51.454 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampled :
PB126132BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	57.0	43.2	64.8

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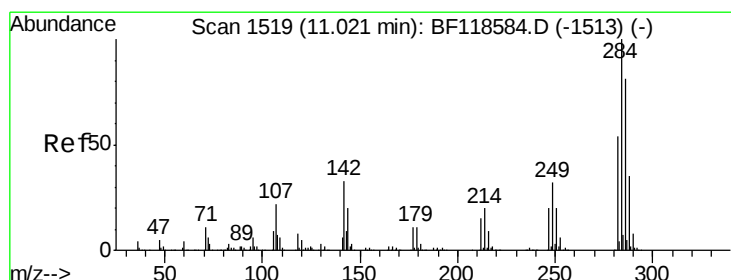
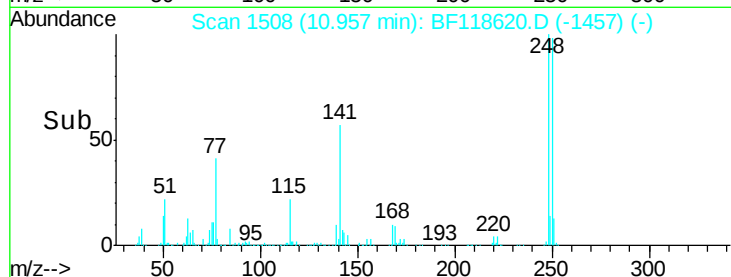
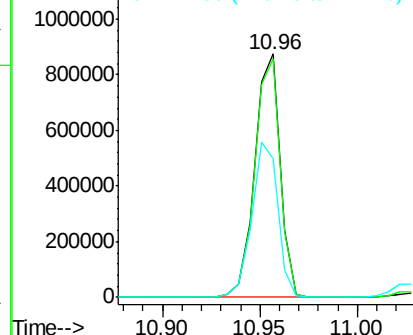


Abundance

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: 47.668 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

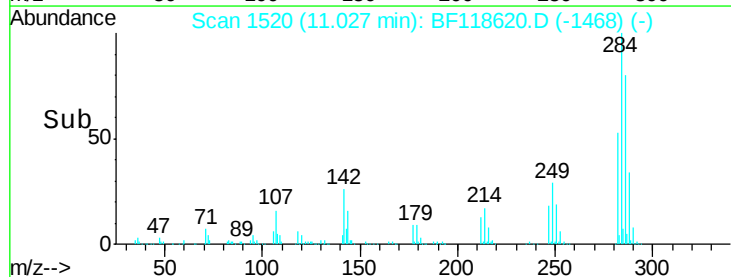
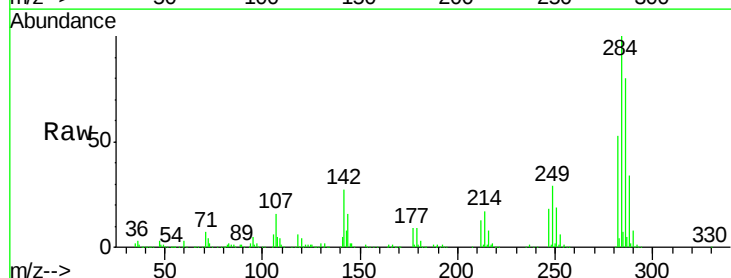
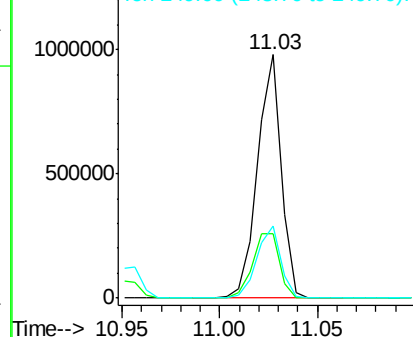
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	26.6	39.8
249	29.4	25.2	37.8

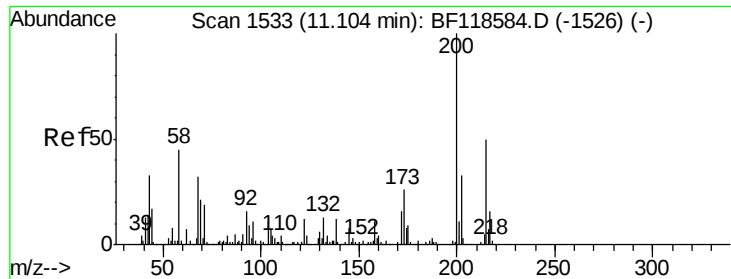
Abundance

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





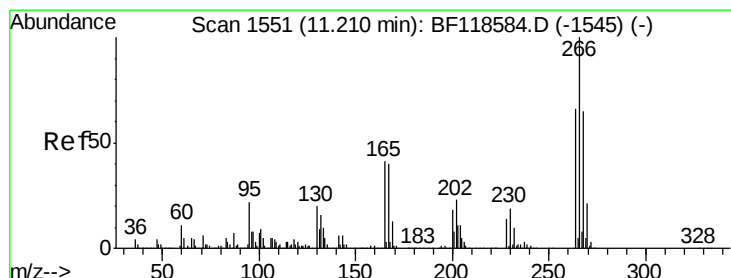
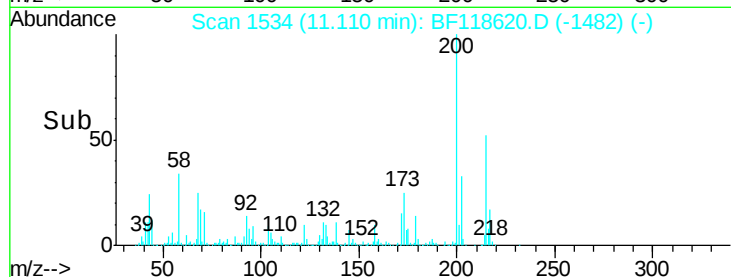
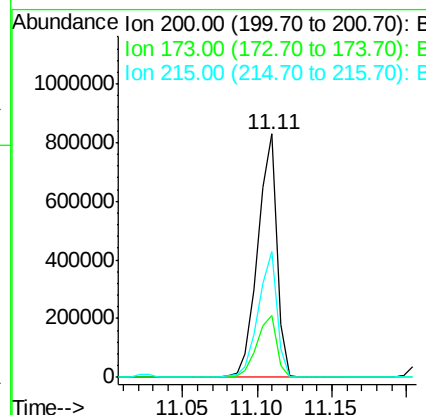
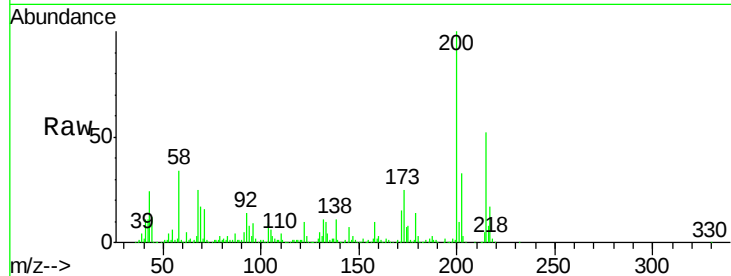
#69
Atrazine
Concen: 56.415 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	729690		
173	25.2	6.3	46.3	
215	51.7	30.2	70.2	

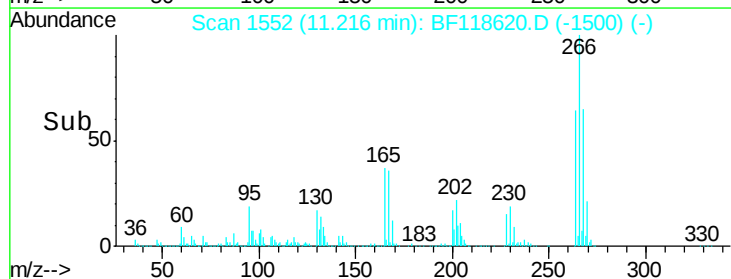
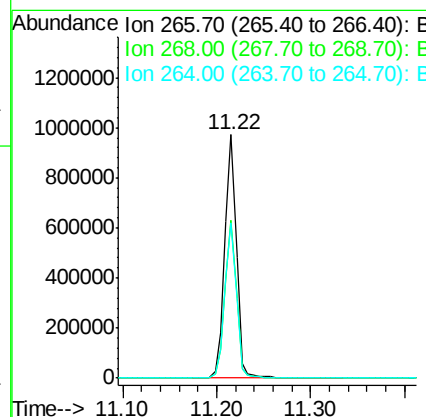
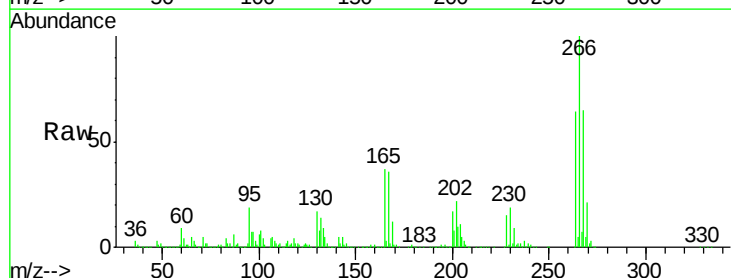
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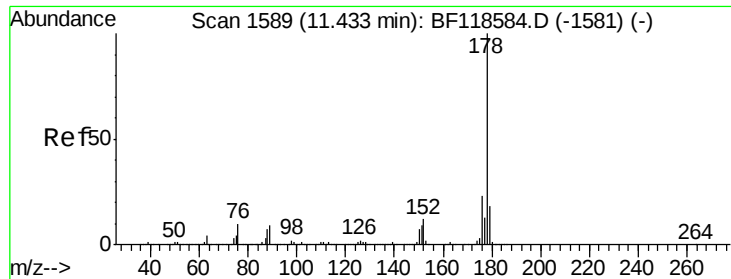
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#70
Pentachlorophenol
Concen: 88.796 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	855679		
268	64.9	52.1	78.1	
264	63.8	52.4	78.6	





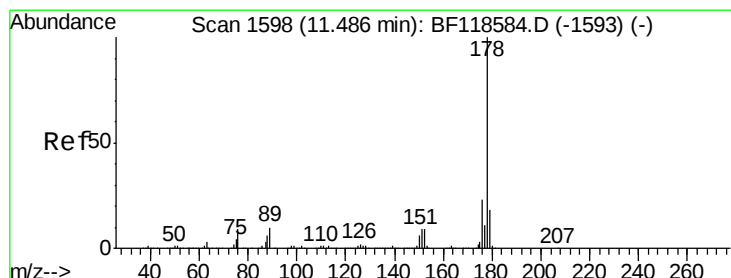
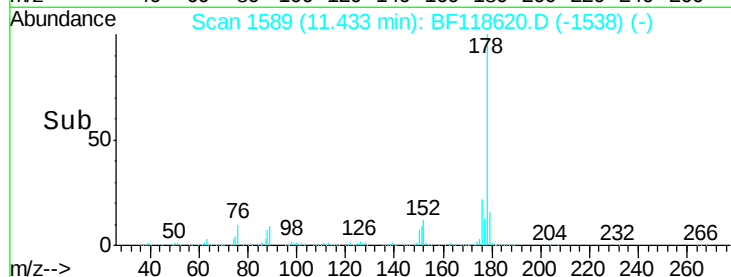
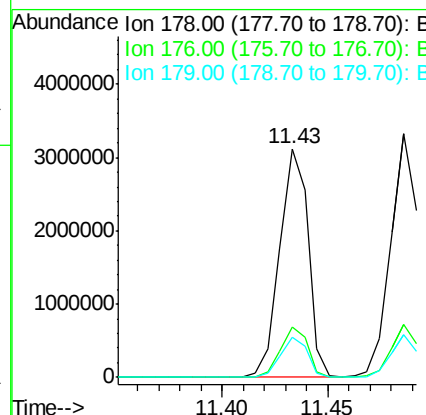
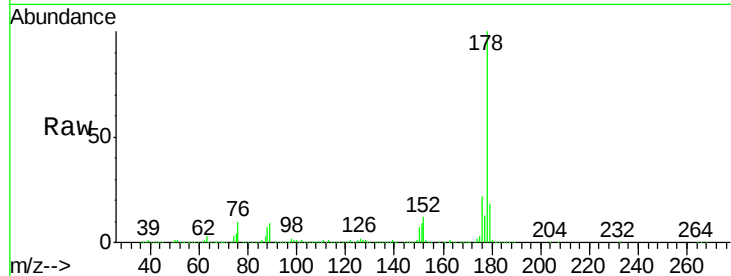
#71
Phenanthrene
Concen: 49.112 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.3	18.6	27.8
179	17.8	14.7	22.1

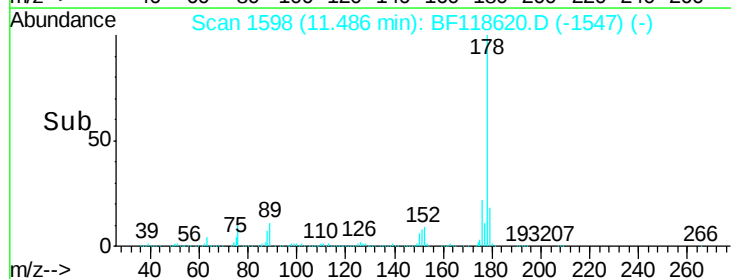
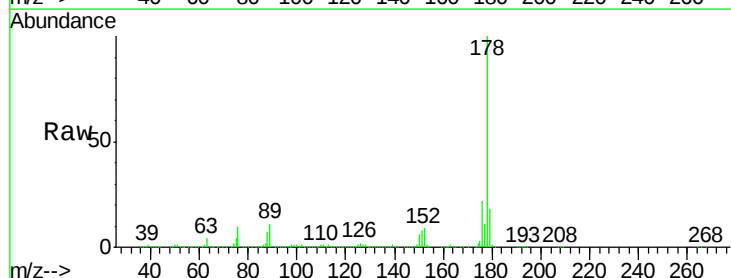
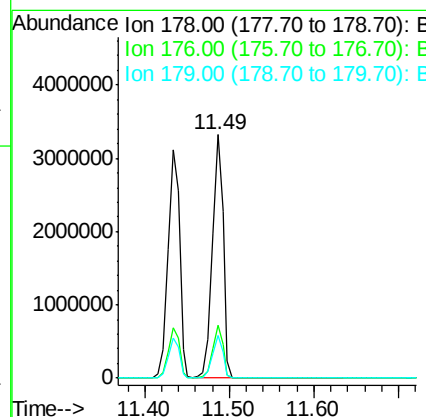
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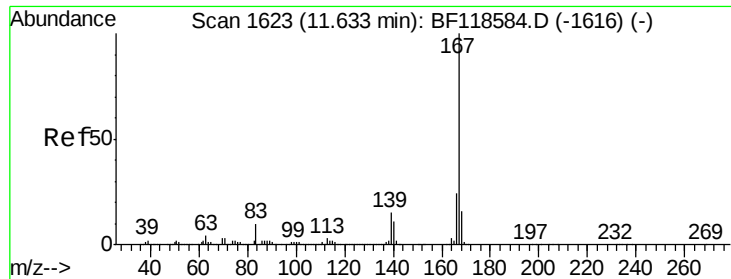
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#72
Anthracene
Concen: 50.680 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	18.0	27.0
179	17.7	14.7	22.1





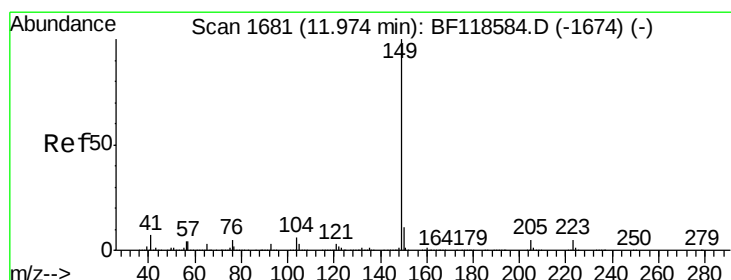
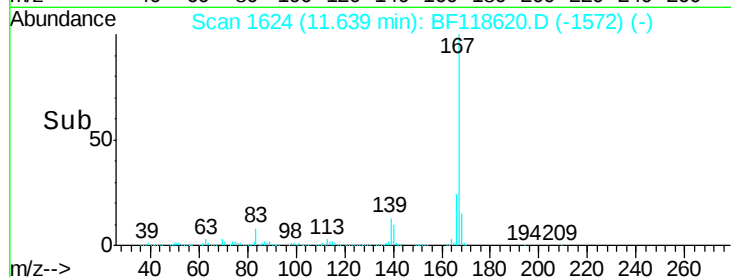
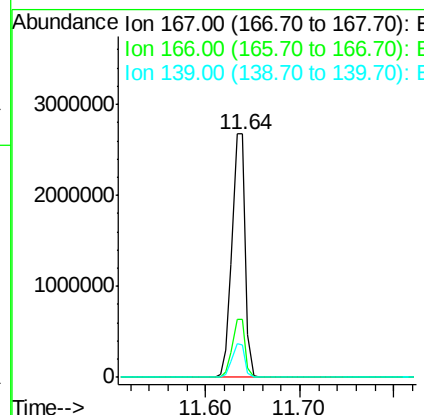
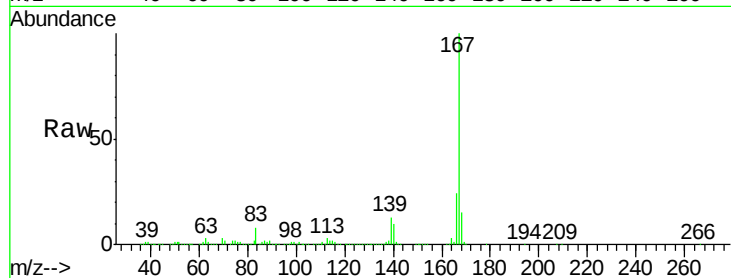
#73
 Carbazole
 Concen: 48.489 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.2
139	13.2	11.7	17.5

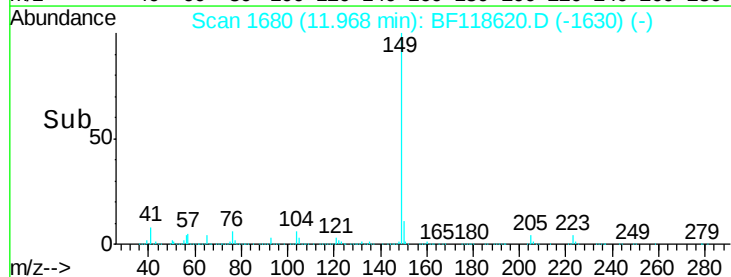
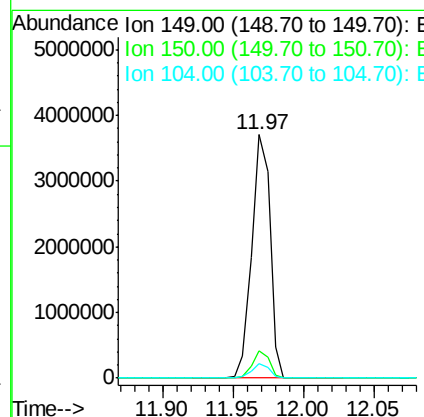
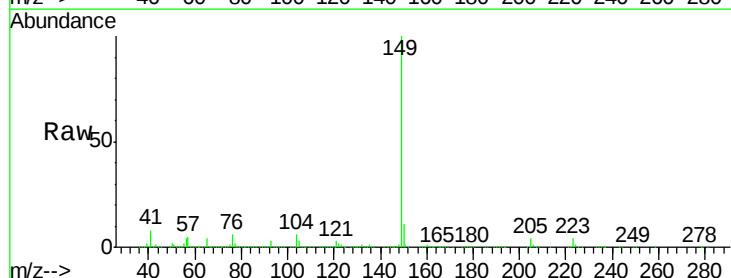
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#74
 Di-n-butylphthalate
 Concen: 56.239 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.7	13.1
104	6.0	4.6	6.8





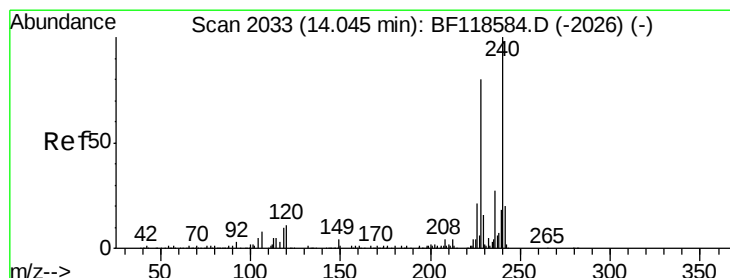
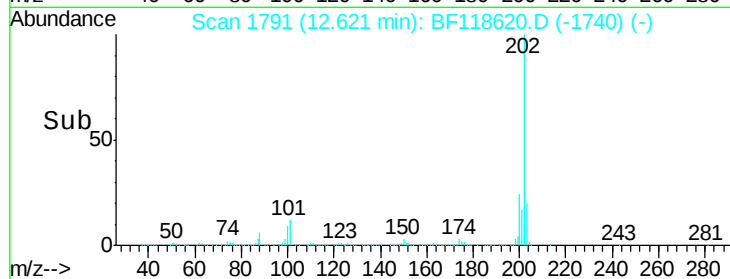
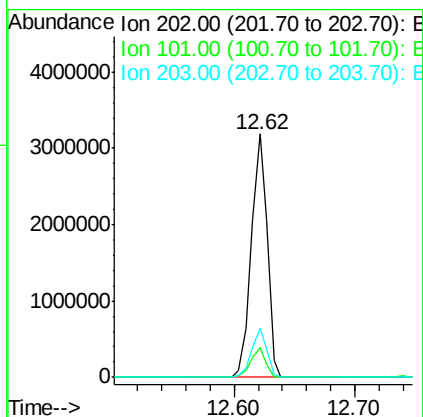
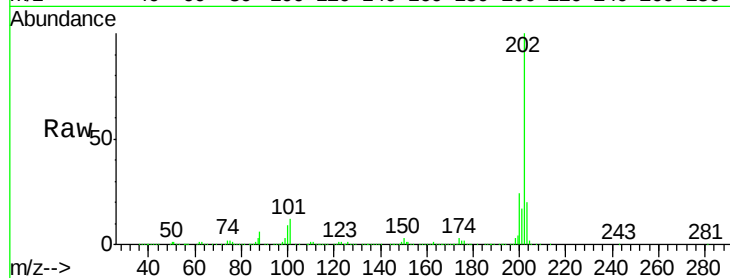
#75
 Fluoranthene
 Concen: 46.563 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	20.1	0.8	40.8

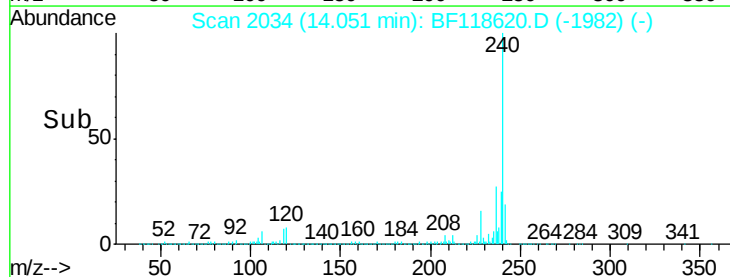
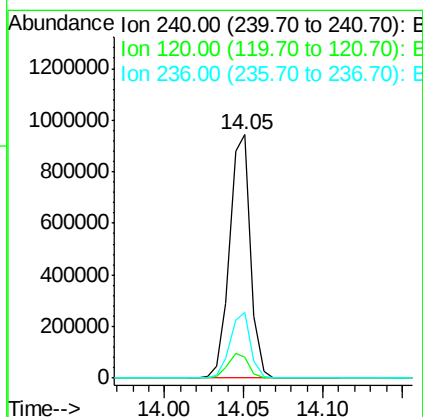
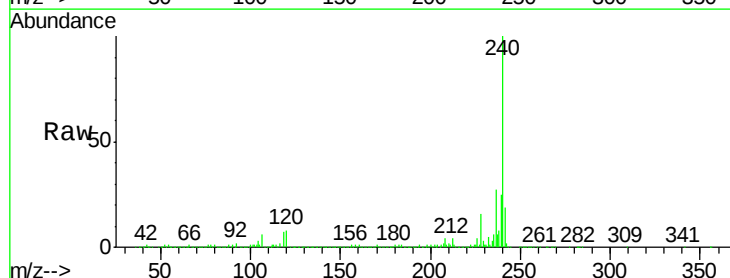
Manual Integrations
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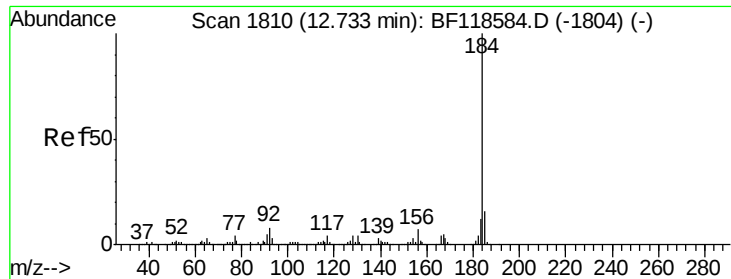
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.9	13.3#
236	26.7	21.5	32.3





#77

Benzidine

Concen: 98.581 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:184 Resp: 2270538

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

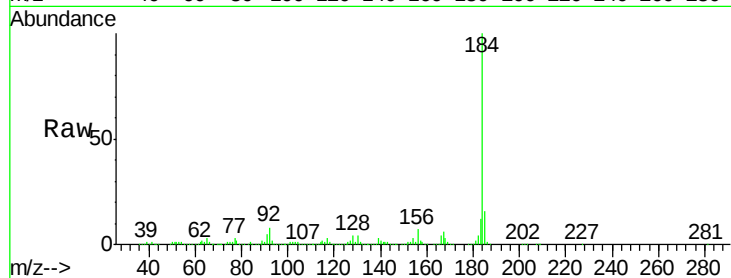
183 12.3 9.6 14.4

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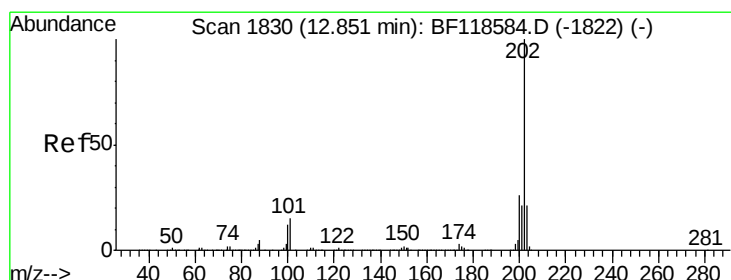
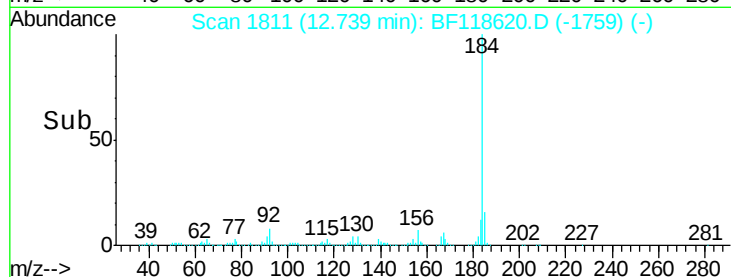
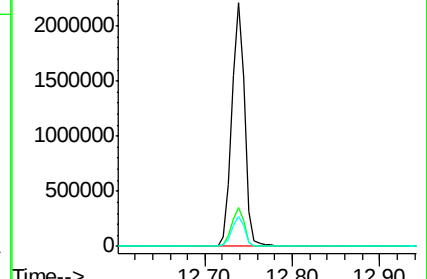
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.014 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

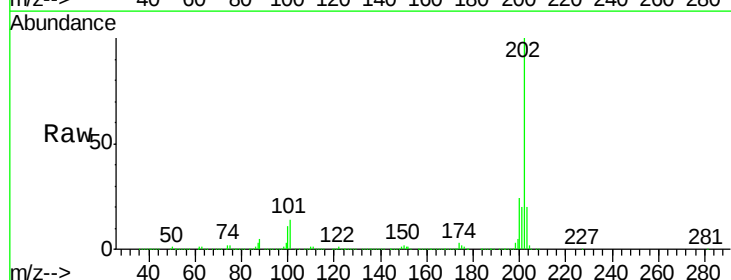
Tgt Ion:202 Resp: 2985490

Ion Ratio Lower Upper

202 100

200 24.4 20.6 31.0

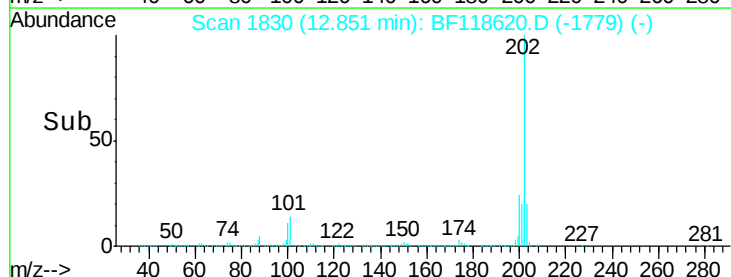
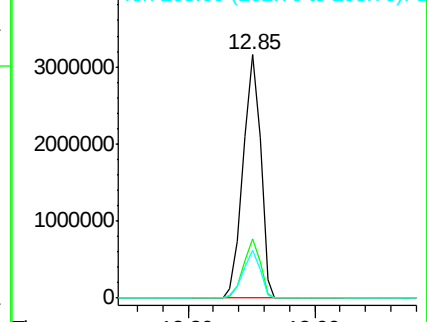
203 19.6 16.8 25.2

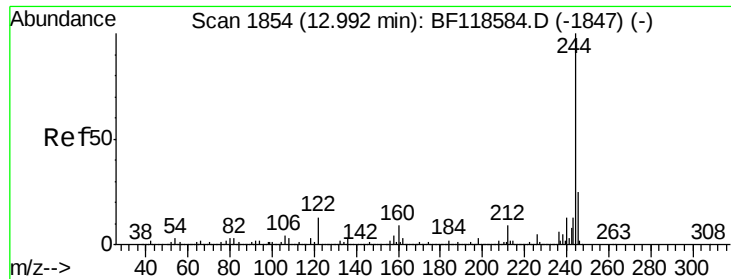


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





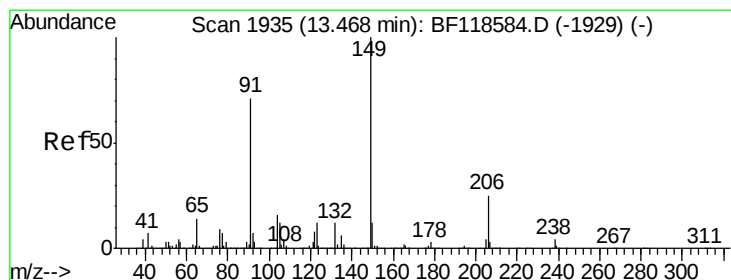
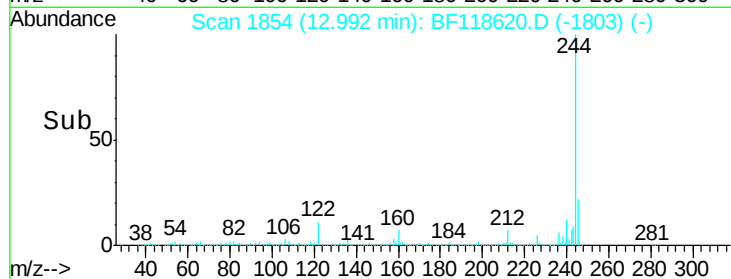
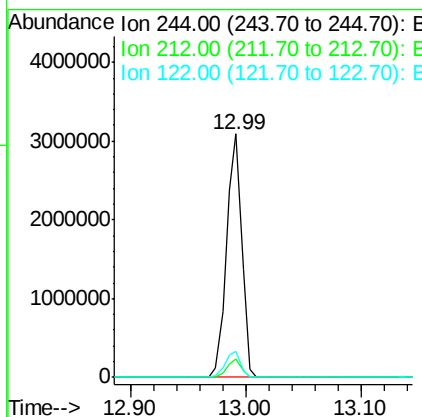
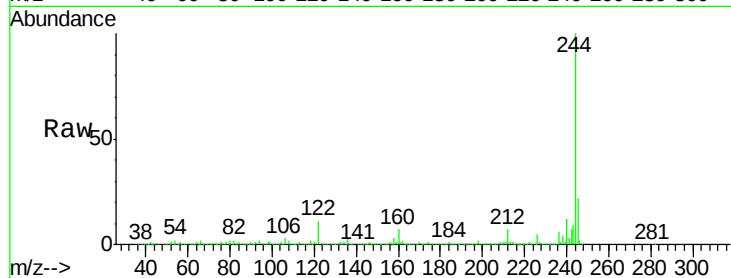
#79
 Terphenyl-d14
 Concen: 70.711 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	10.6	10.7	16.1

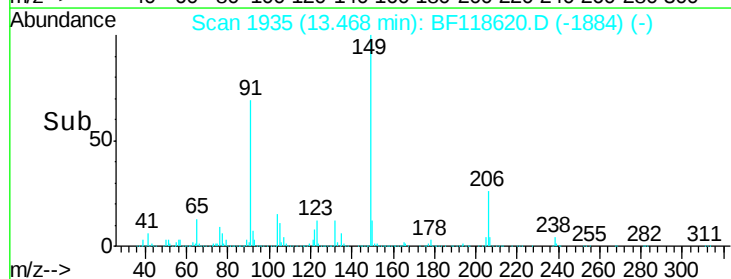
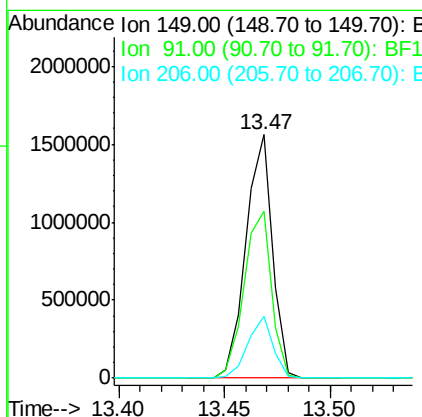
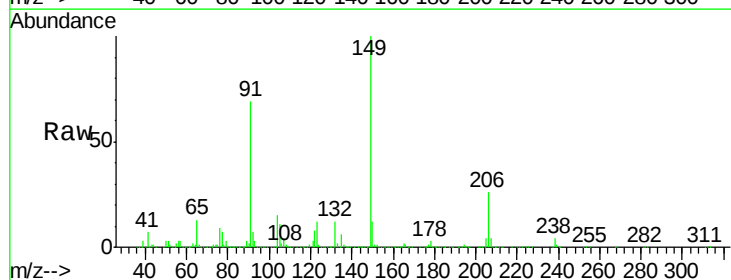
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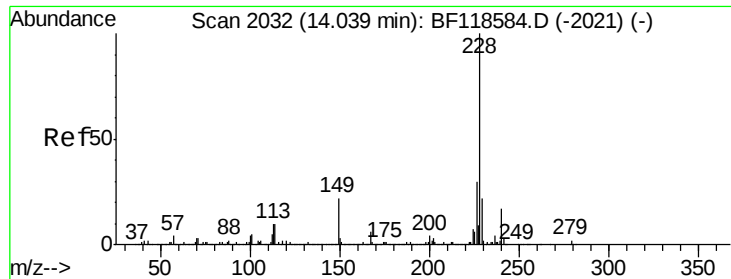
mohammad
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#80
 Butylbenzylphthalate
 Concen: 56.776 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF118620.D
 Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.5	84.7
206	25.5	19.9	29.9





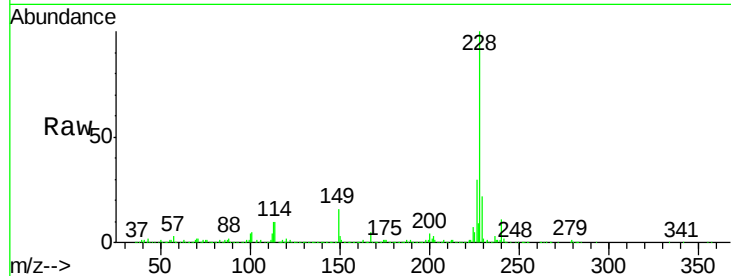
#81
Benzo(a)anthracene
Concen: 50.039 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

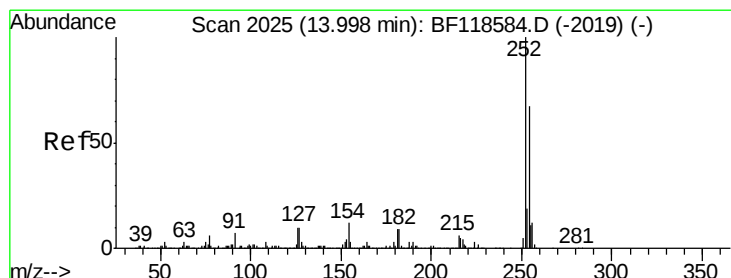
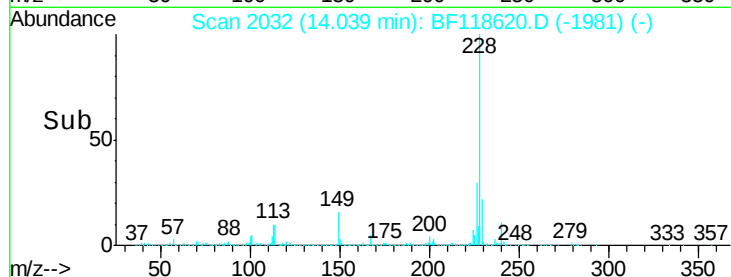
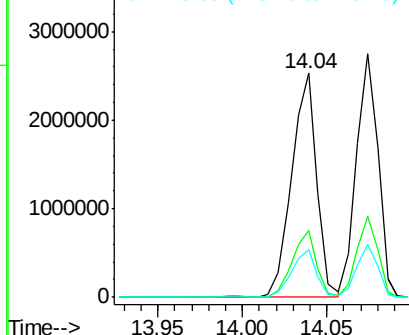
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.5	17.6	26.4

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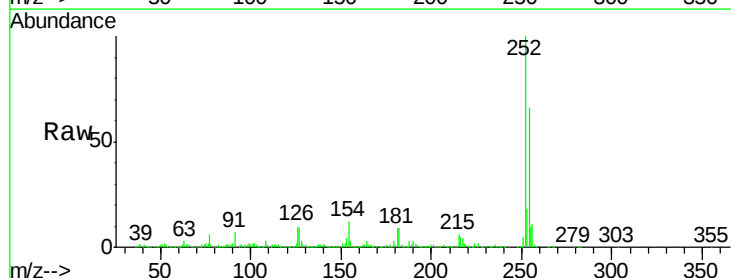


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

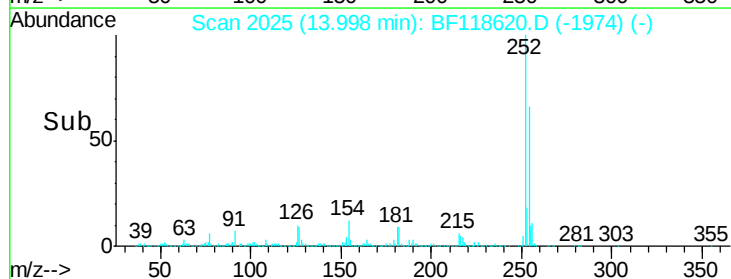
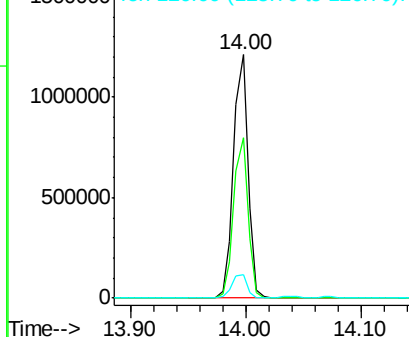


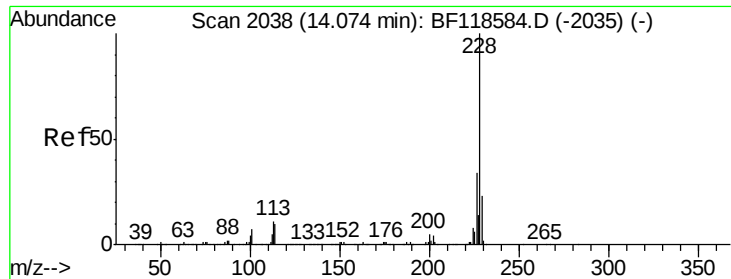
#82
3,3'-Dichlorobenzidine
Concen: 57.473 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	53.4	80.2
126	9.7	8.0	12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





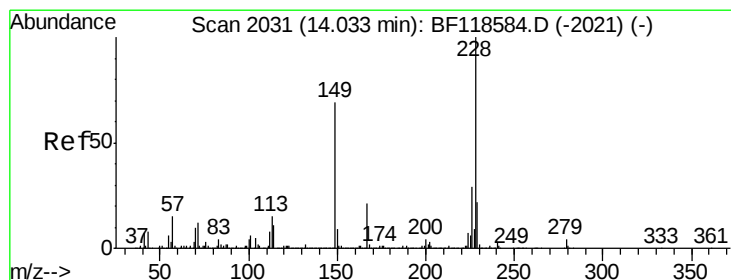
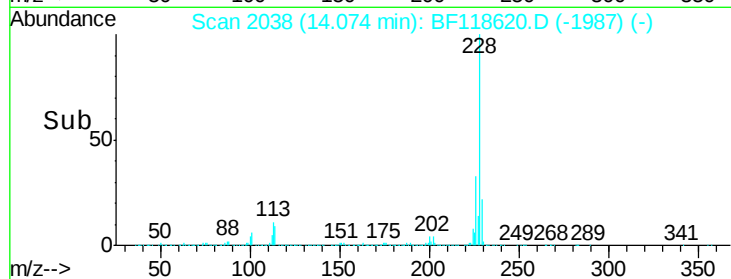
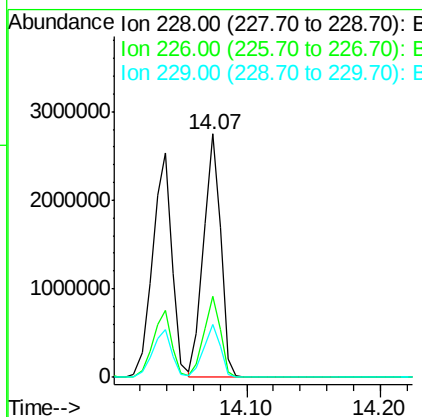
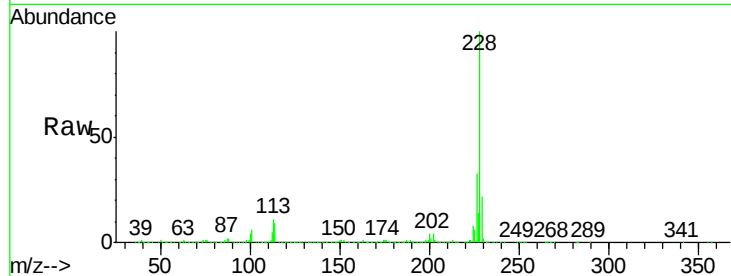
#83
Chrysene
Concen: 49.199 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:228 Resp: 2445068
Ion Ratio Lower Upper
228 100
226 33.5 27.4 41.0
229 21.8 18.3 27.5

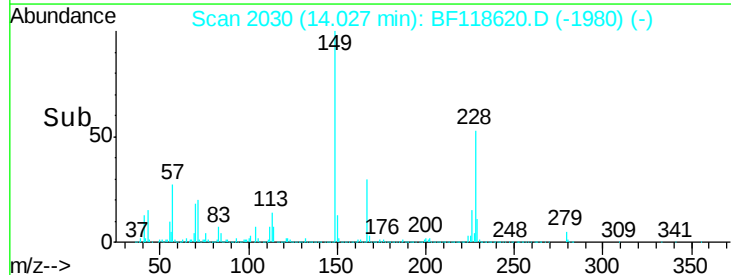
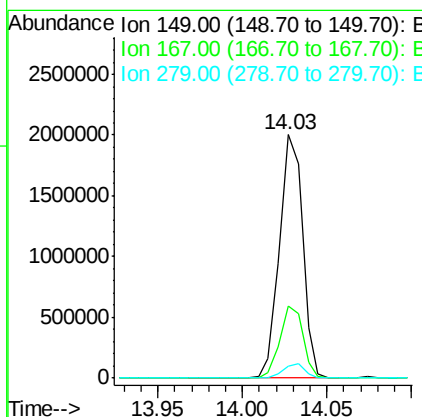
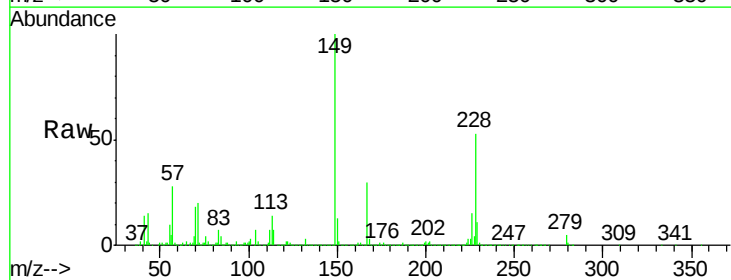
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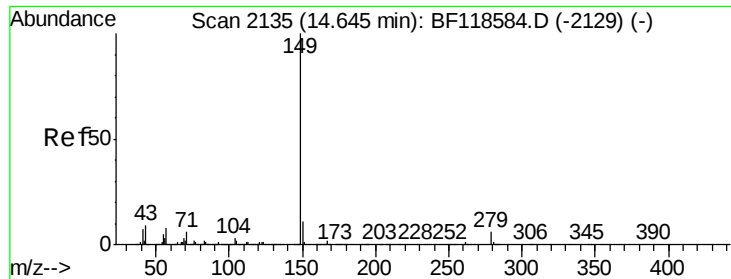
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 64.168 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:149 Resp: 1877675
Ion Ratio Lower Upper
149 100
167 29.6 24.2 36.4
279 4.9 5.0 7.4#





#85

Di-n-octyl phthalate

Concen: 68.328 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

PB126132BS

Tot Ion:149 Resp: 2959482

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

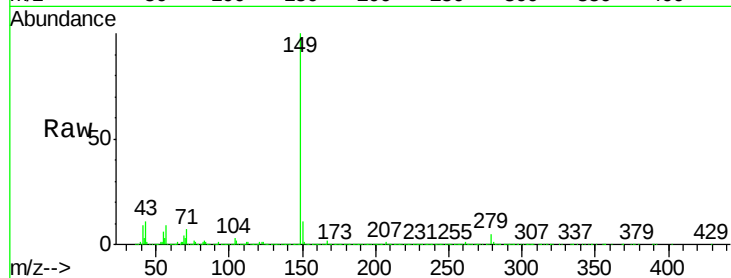
43 9.9 8.1 12.1

Manual Integrations

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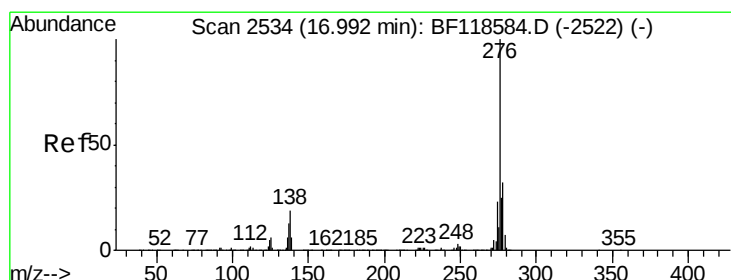
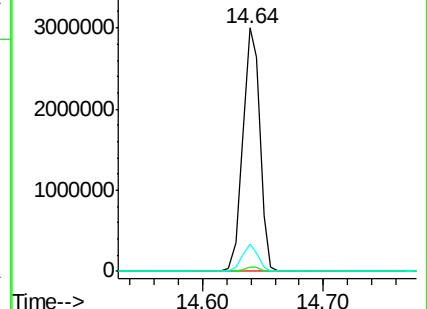
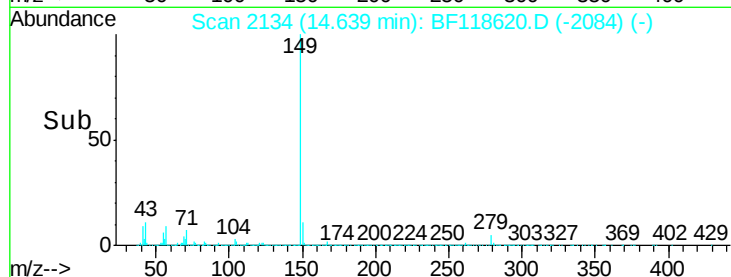
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.636 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

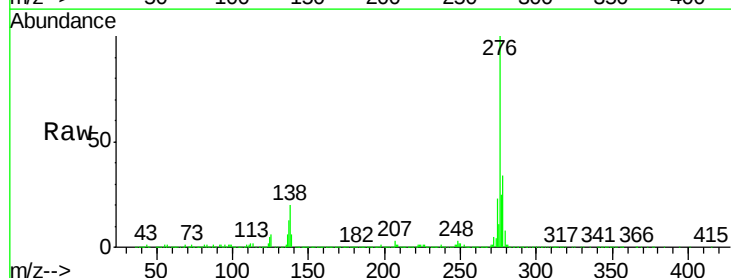
Tgt Ion:276 Resp: 2100195

Ion Ratio Lower Upper

276 100

138 21.6 17.2 25.8

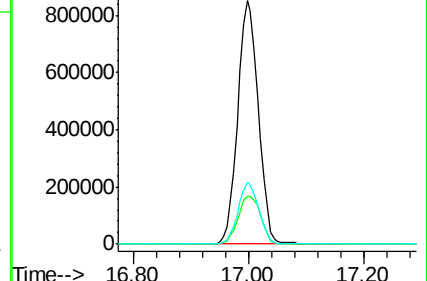
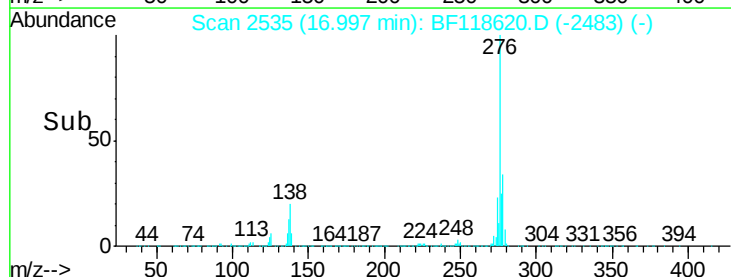
277 25.5 20.5 30.7

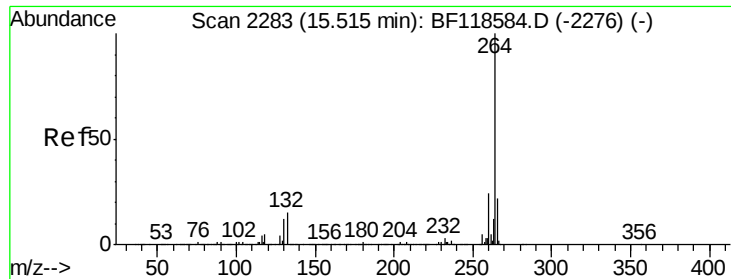


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

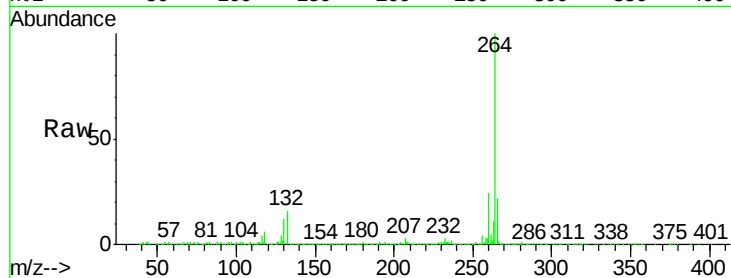
ClientSampleId :

PB126132BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.0	17.7	26.5

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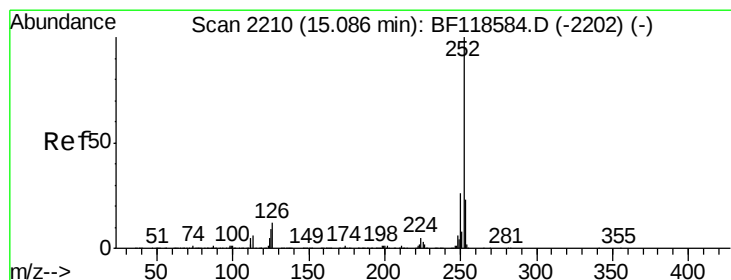
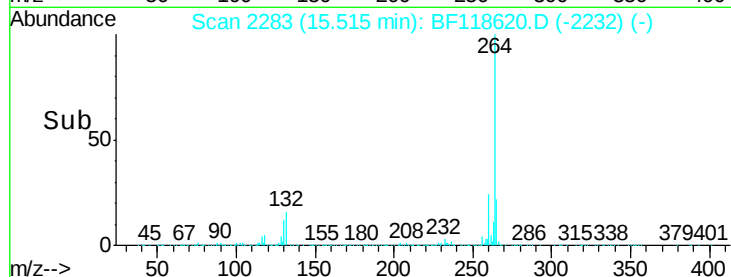
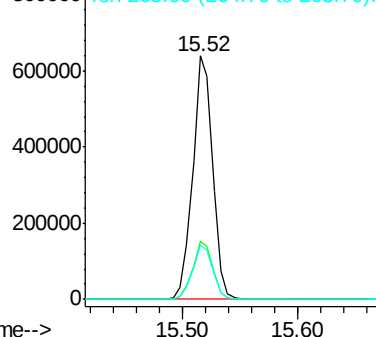


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.391 ng

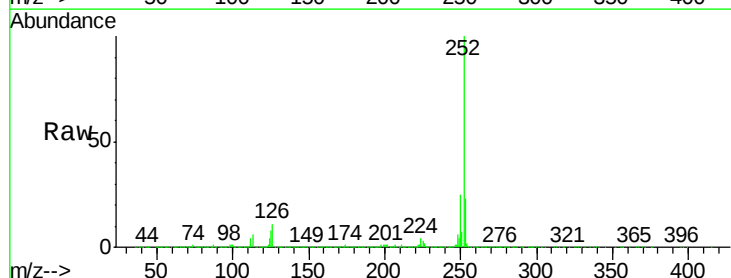
RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	8.4	7.3	10.9

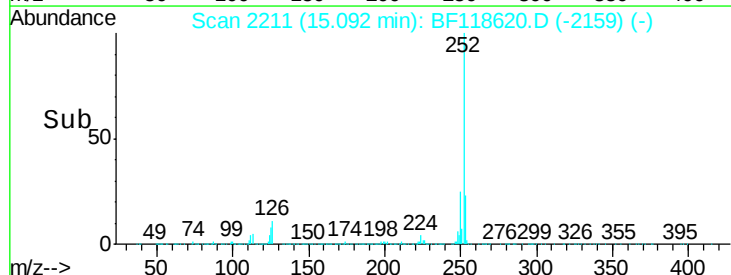
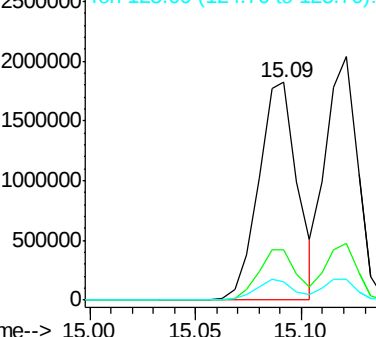


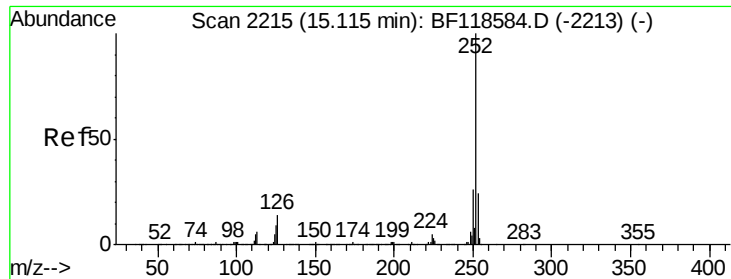
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.454 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Instrument :

BNA_F

ClientSampleId :

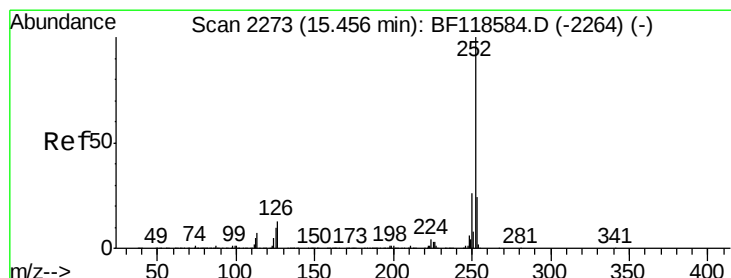
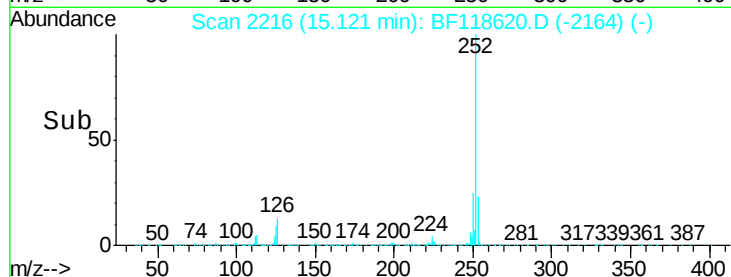
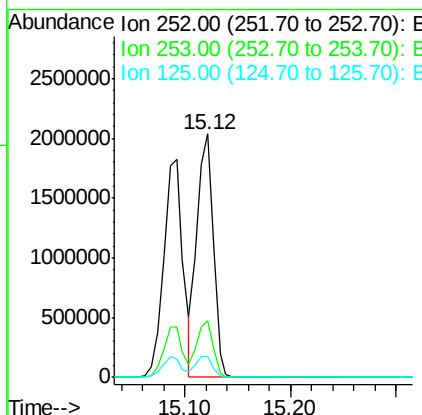
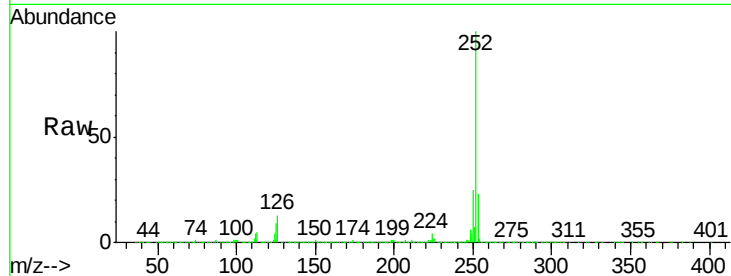
PB126132BS

Tot Ion:252 Resp: 2154131

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	8.8	7.6	11.4

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#90

Benzo(a)pyrene

Concen: 46.986 ng

RT: 15.46 min Scan# 2273

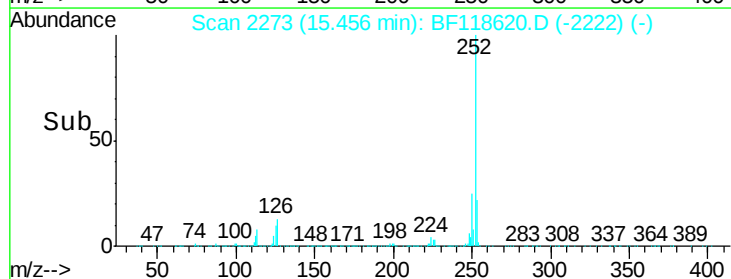
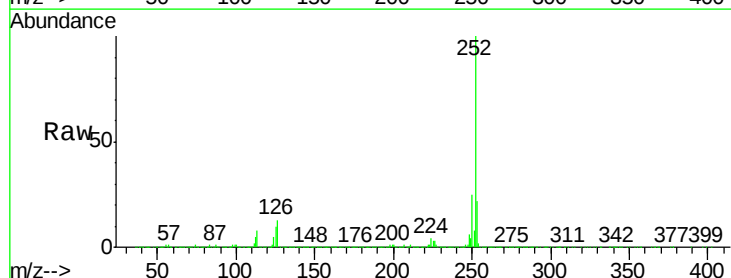
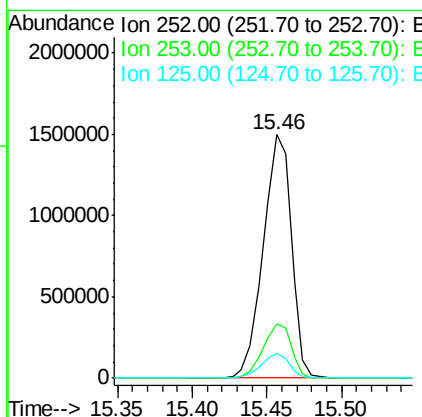
Delta R.T. 0.00 min

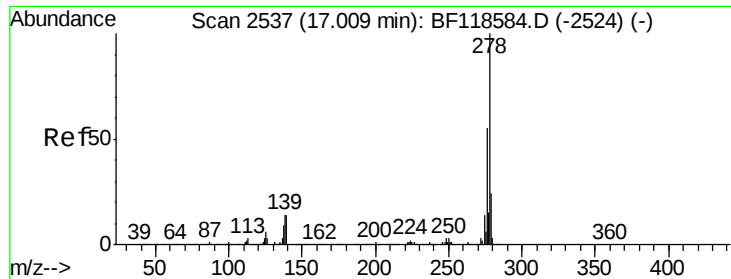
Lab File: BF118620.D

Acq: 21 Jan 2020 6:12

Tgt Ion:252 Resp: 1944974

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	10.1	7.8	11.6





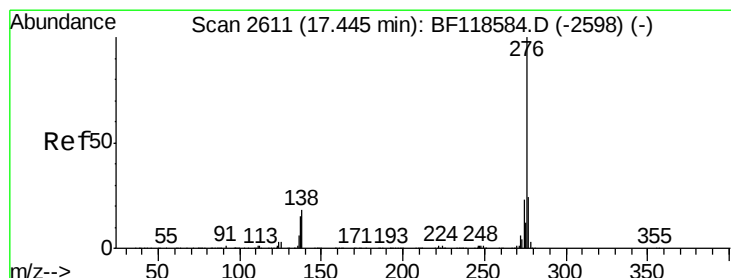
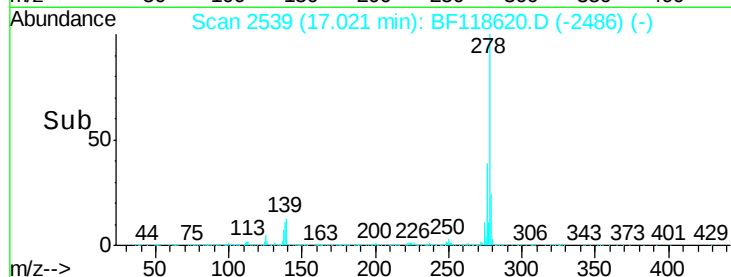
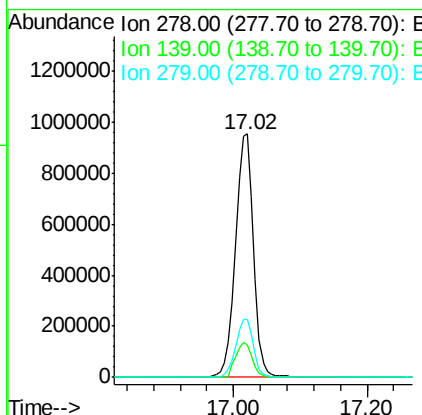
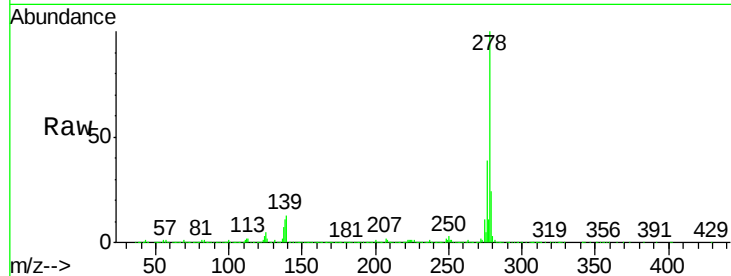
#91
Dibenzo(a,h)anthracene
Concen: 49.283 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Tot Ion:278 Resp: 1804534
Ion Ratio Lower Upper
278 100
139 13.5 11.4 17.0
279 24.0 19.0 28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 47.115 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF118620.D
Acq: 21 Jan 2020 6:12

Tgt Ion:276 Resp: 1675035
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 18.2 14.4 21.6

