

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118734.D
 Acq On : 29 Jan 2020 16:32
 Operator : CG/JU
 Sample : PB126434BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Manual Integrations
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mohammad
 1/30/2020 10:18:14 AM

Quant Time: Jan 30 00:52:15 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327551	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1236270	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	646676	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1248367	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	921970	20.00	ng	-0.01
87) Perylene-d12	15.46	264	619759	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1990090	112.84	ng	0.00
7) Phenol-d6	6.49	99	2532402	110.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	1585813	71.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	929315	124.25	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3150422	80.07	ng	-0.01
79) Terphenyl-d14	12.95	244	3465923	81.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	280687	32.859	ng	99
3) Pyridine	3.46	79	757467	31.461	ng	99
4) n-Nitrosodimethylamine	3.40	42	307044	29.747	ng	100
6) Aniline	6.51	93	677937	22.460	ng	99
8) 2-Chlorophenol	6.64	128	788884	39.852	ng	97
9) Benzaldehyde	6.39	77	18590	1.334	ng	94
10) Phenol	6.50	94	936534	35.851	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	716280	36.957	ng	97
12) 1,3-Dichlorobenzene	6.79	146	871000	37.592	ng	99
13) 1,4-Dichlorobenzene	6.87	146	872758	37.525	ng	99
14) 1,2-Dichlorobenzene	7.02	146	811158	37.100	ng	99
15) Benzyl Alcohol	6.99	79	689315	37.920	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866633	32.102	ng	99
17) 2-Methylphenol	7.10	107	655547	39.756	ng	99
18) Hexachloroethane	7.36	117	305102	36.177	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	519443	33.560	ng	99
20) 3+4-Methylphenols	7.25	107	778695	38.680	ng	96
22) Acetophenone	7.26	105	1027497	35.085	ng	# 98
24) Nitrobenzene	7.43	77	801832	35.430	ng	99
25) Isophorone	7.67	82	1463536	36.304	ng	100
26) 2-Nitrophenol	7.75	139	443743	45.979	ng	99
27) 2,4-Dimethylphenol	7.78	122	712040	42.726	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	912604	35.133	ng	99
29) 2,4-Dichlorophenol	7.99	162	717145	38.927	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	794165	37.179	ng	98
31) Naphthalene	8.15	128	2226647	39.871	ng	100
32) Benzoic acid	7.90	122	483506	38.658	ng	97
33) 4-Chloroaniline	8.20	127	501204	19.417	ng	97
34) Hexachlorobutadiene	8.27	225	456934	35.126	ng	97
35) Caprolactam	8.56	113	214662m	35.606	ng	
36) 4-Chloro-3-methylphenol	8.68	107	728644	40.052	ng	99
37) 2-Methylnaphthalene	8.85	142	1594170	40.441	ng	100
38) 1-Methylnaphthalene	8.95	142	1497091	39.975	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	797464	39.412	ng	99

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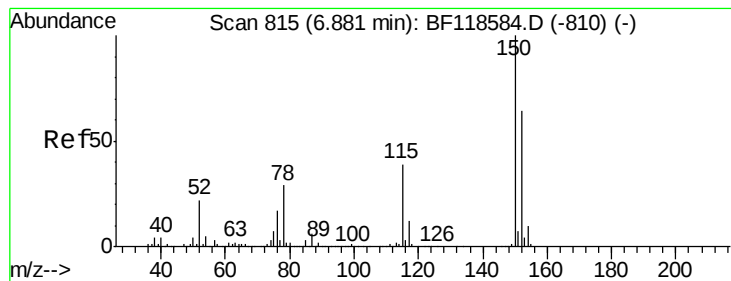
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	519927	50.930	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	557492	41.520	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	564301	41.151	nq	98
46) 1,1'-Biphenyl	9.31	154	1891466	42.439	nq	99
47) 2-Chloronaphthalene	9.33	162	1538134	40.945	nq	99
48) 2-Nitroaniline	9.42	65	425120	36.814	nq	97
49) Acenaphthylene	9.75	152	2317166	43.846	nq	100
50) Dimethylphthalate	9.61	163	1799868	42.720	nq	100
51) 2,6-Dinitrotoluene	9.67	165	426339	45.189	nq	89
52) Acenaphthene	9.92	154	1586410	44.892	nq	100
53) 3-Nitroaniline	9.83	138	279064	25.904	nq	94
54) 2,4-Dinitrophenol	9.95	184	382218	101.479	nq	96
55) Dibenzofuran	10.09	168	2135447	43.606	nq	99
56) 4-Nitrophenol	10.00	139	634220	77.986	nq	98
57) 2,4-Dinitrotoluene	10.07	165	567983	47.756	nq	94
58) Fluorene	10.43	166	1610698	41.896	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	504759	41.849	nq	100
60) Diethylphthalate	10.31	149	1750508	42.852	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	849380	40.622	nq	98
62) 4-Nitroaniline	10.45	138	386566	34.982	nq	97
63) Azobenzene	10.59	77	1527124	38.601	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	283931	51.724	nq	95
66) n-Nitrosodiphenylamine	10.55	169	1495648	39.727	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	590437	38.283	nq	98
68) Hexachlorobenzene	10.99	284	656167	37.526	nq	98
69) Atrazine	11.07	200	384029	29.430	nq	100
70) Pentachlorophenol	11.18	266	985502	101.370	nq	100
71) Phenanthrene	11.40	178	2400553	39.859	nq	100
72) Anthracene	11.45	178	2387171	40.058	nq	100
73) Carbazole	11.60	167	2123820	38.854	nq	100
74) Di-n-butylphthalate	11.93	149	2538356	41.797	nq	99
75) Fluoranthene	12.58	202	2525150	39.753	nq	99
77) Benzidine	12.69	184	415196	16.854	nq	100
78) Pyrene	12.81	202	2498000	39.908	nq	100
80) Butylbenzylphthalate	13.43	149	1077056	42.044	nq	98
81) Benzo(a)anthracene	14.00	228	2031337	36.626	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	623871	31.568	nq	98
83) Chrysene	14.03	228	1939889	36.495	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1396333	44.615	nq	98
85) Di-n-octyl phthalate	14.60	149	2220338	47.929	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2058342	44.567	nq	99
88) Benzo(b)fluoranthene	15.04	252	2032445	52.172	nq	99
89) Benzo(k)fluoranthene	15.07	252	1633218	45.252	nq	99
90) Benzo(a)pyrene	15.40	252	1723502	51.287	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	1728373	58.144	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1755786	60.834	nq	100

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



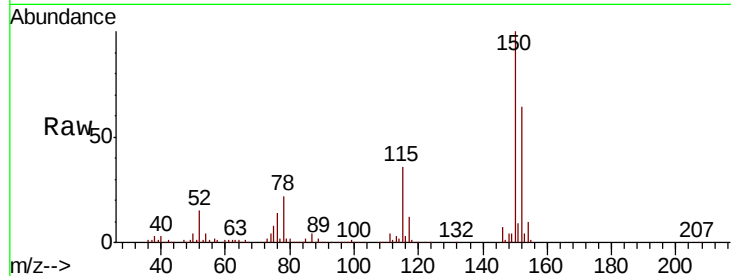
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	56.8	45.1	67.7

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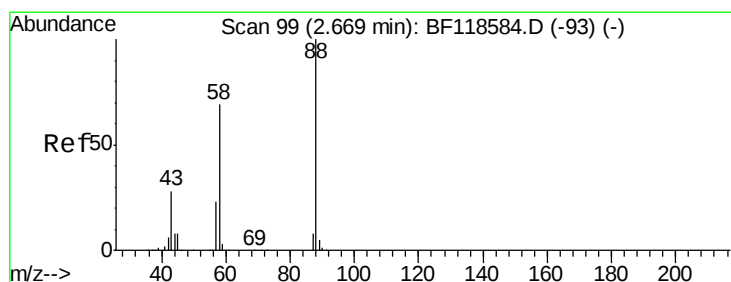
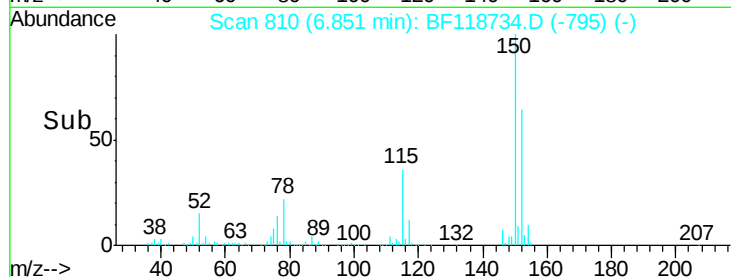
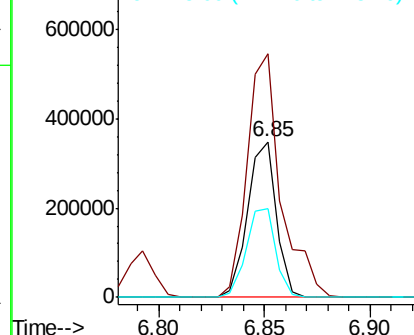


Abundance

Ion 152.00 (151.70 to 152.70): E

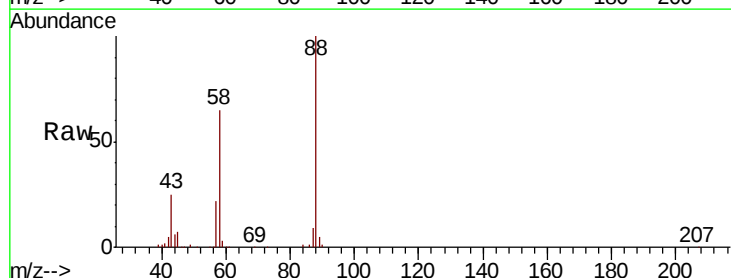
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 32.859 ng
 RT: 2.71 min Scan# 106
 Delta R.T. 0.09 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	51.9	77.9
43	24.7	19.3	28.9

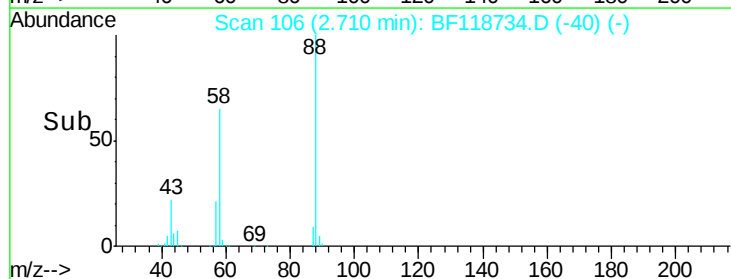
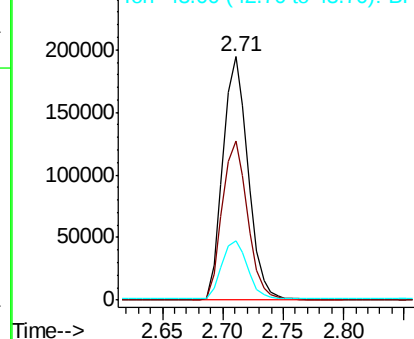


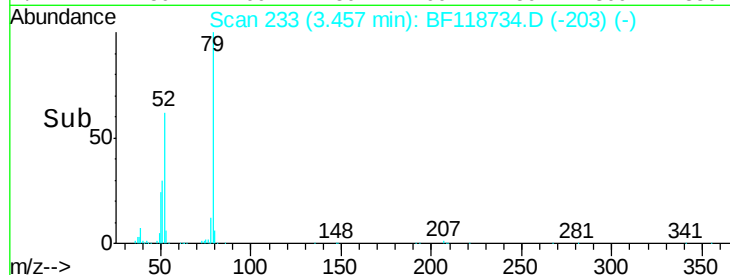
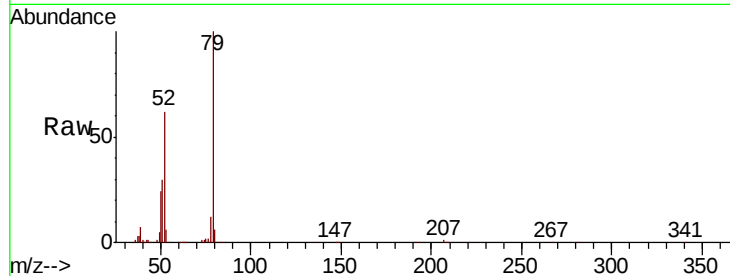
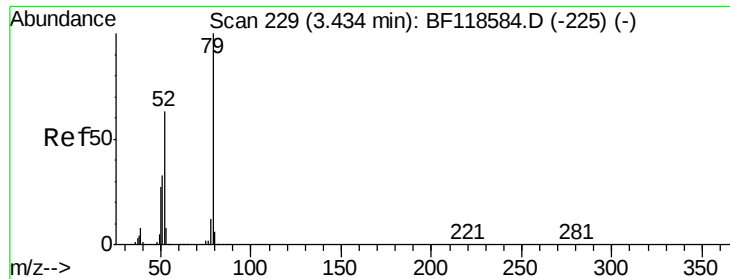
Abundance

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





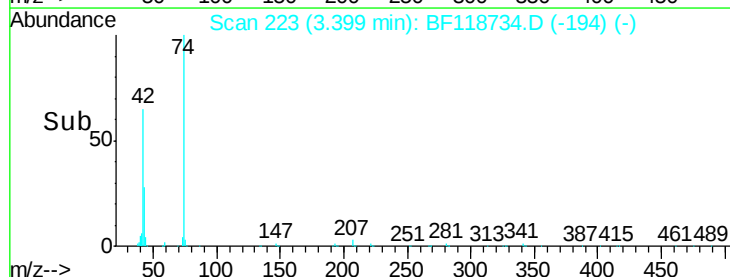
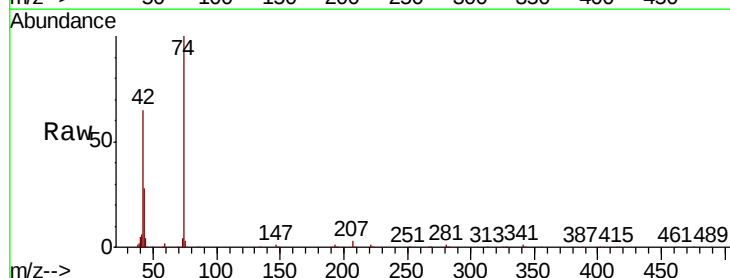
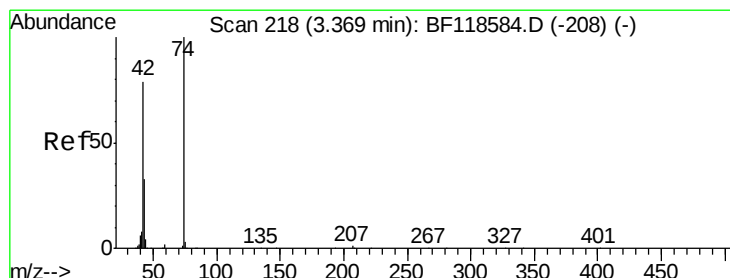
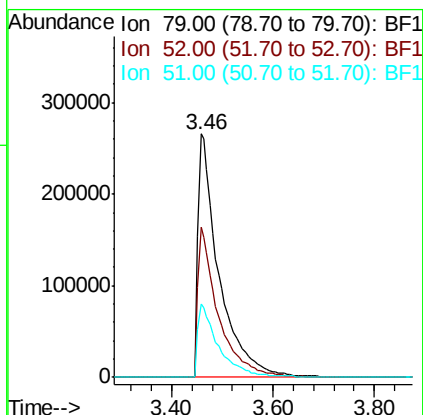
#3
Pvridine
Concen: 31.461 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.08 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	61.8	48.8	73.2
51	51	30.1	24.4	36.6

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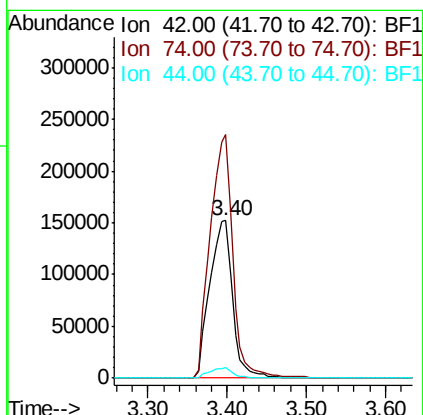
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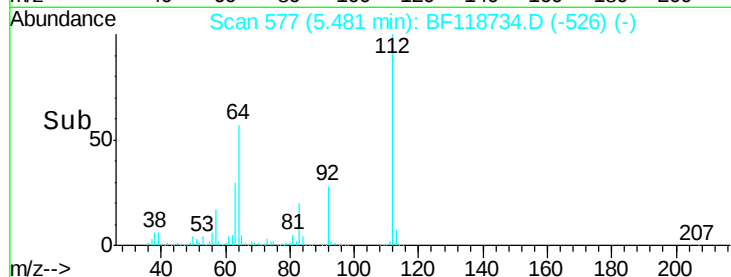
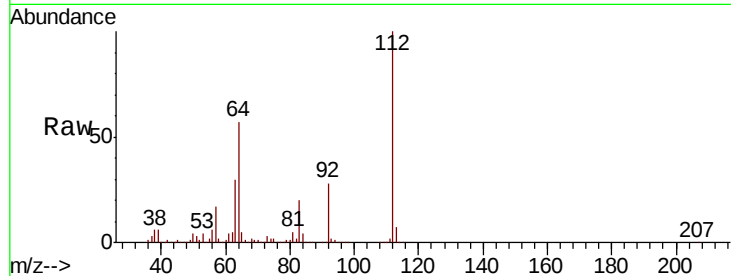
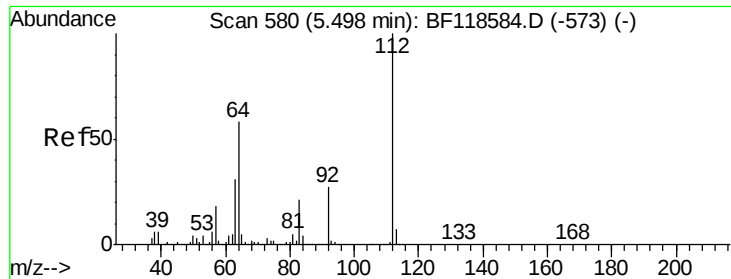
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#4
n-Nitrosodimethylamine
Concen: 29.747 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.07 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	154.6	123.5	185.3
44	44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 112.841 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion: 112 Resp: 1990090

Ion Ratio Lower Upper

112 100

64 56.9 42.4 63.6

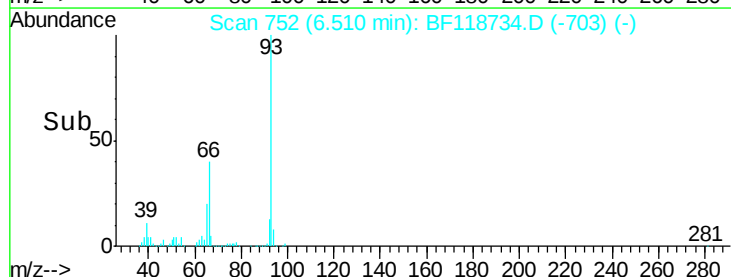
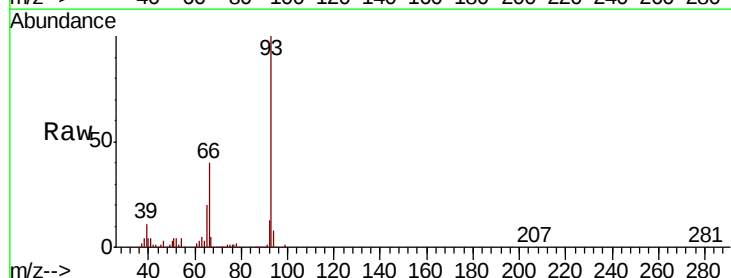
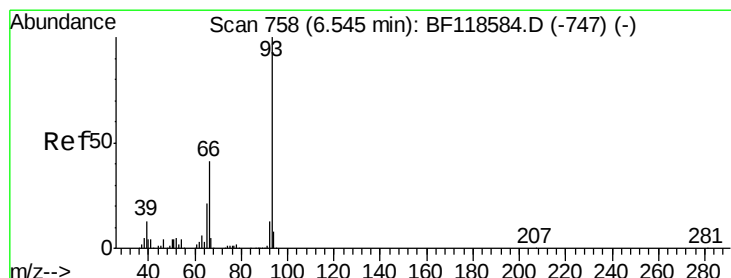
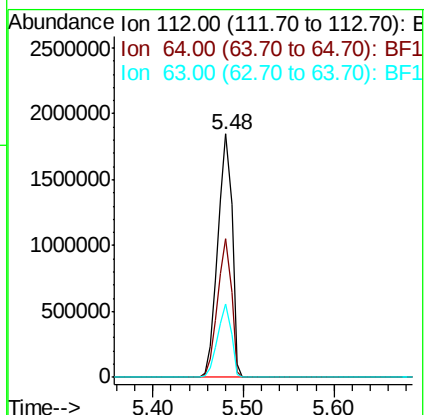
63 29.9 21.7 32.5

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#6

Aniline

Concen: 22.460 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

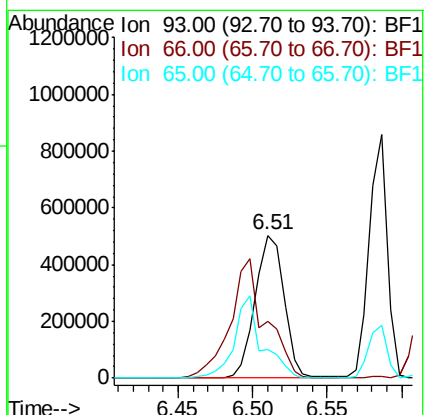
Tgt Ion: 93 Resp: 677937

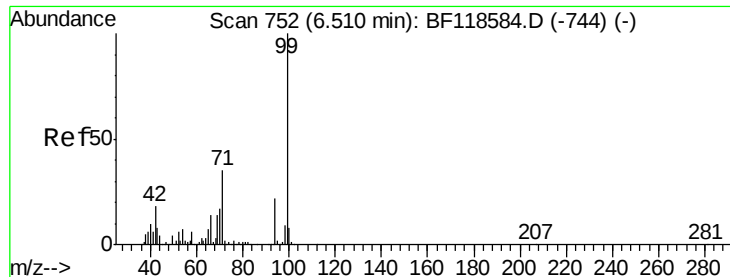
Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

65 19.6 15.3 22.9





#7

Phenol-d6

Concen: 110.476 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion: 99 Resp: 2532402

Ion Ratio Lower Upper

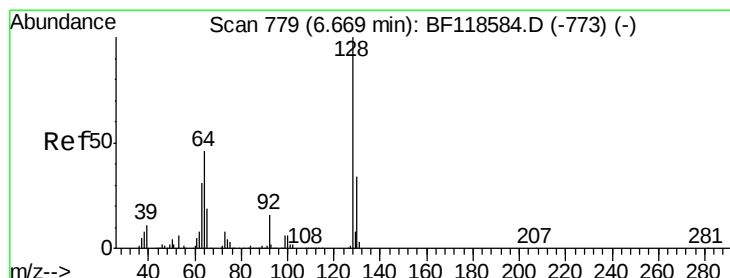
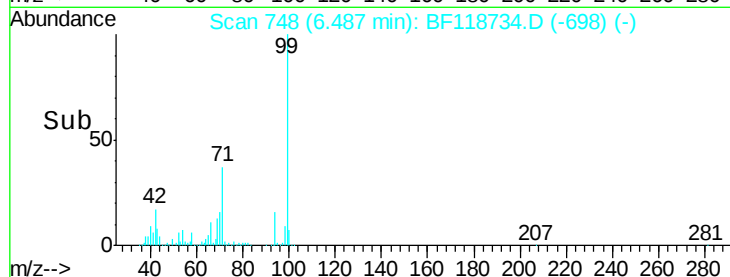
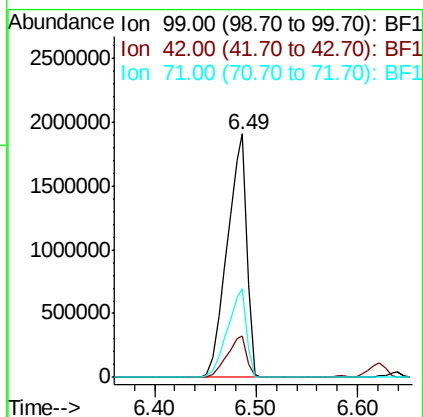
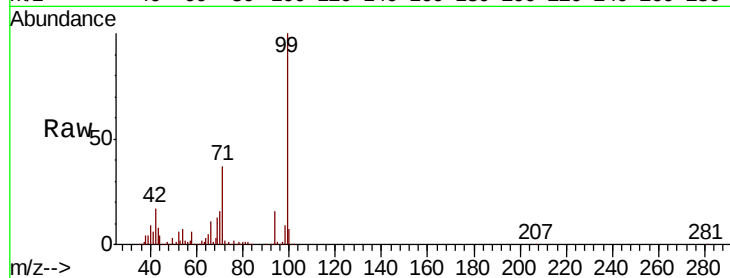
99 100

42 17.2 13.1 19.7

71 36.5 28.4 42.6

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#8

2-Chlorophenol

Concen: 39.852 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

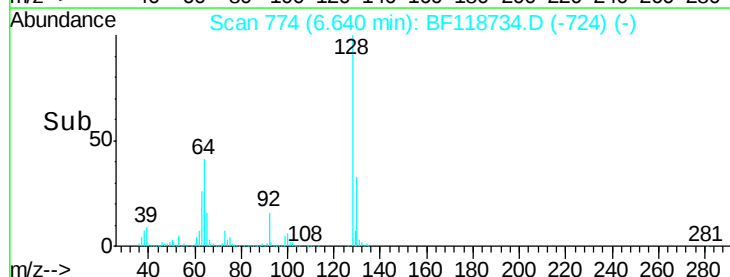
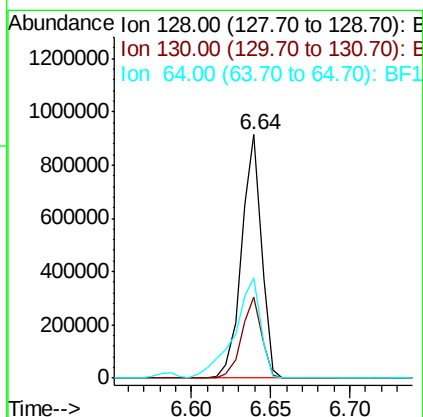
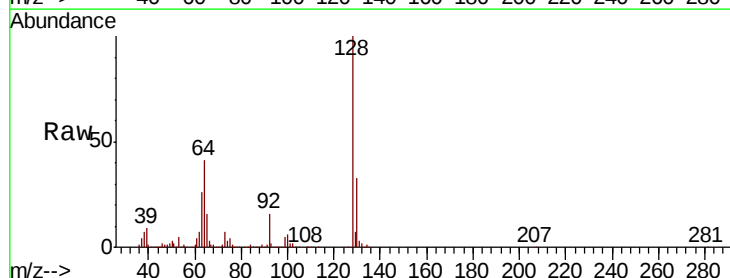
Tgt Ion: 128 Resp: 788884

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 41.3 24.5 64.5





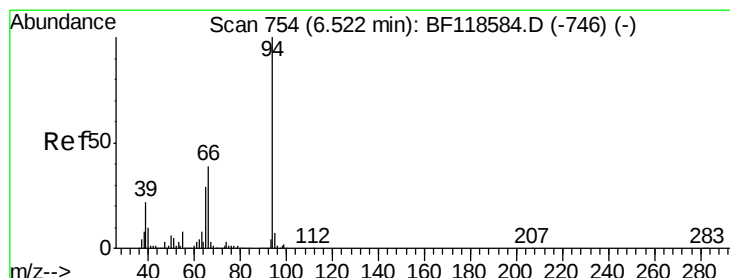
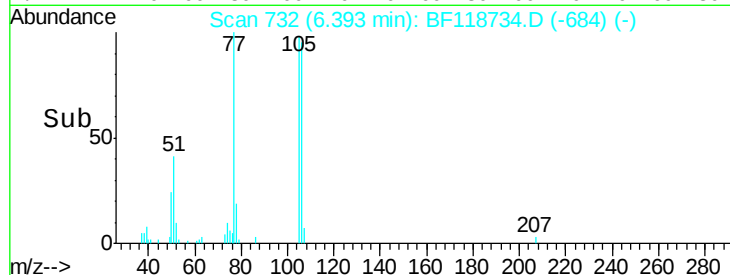
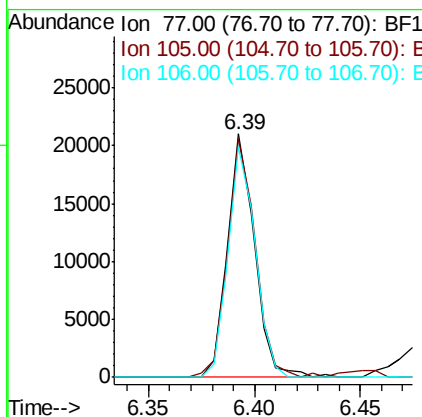
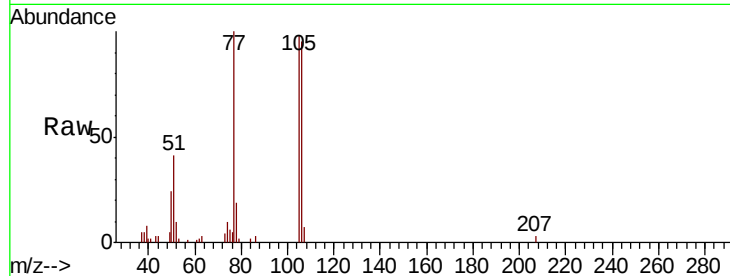
#9
Benzaldehyde
Concen: 1.334 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleID :
PB126434BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	84.3	124.3
106	94.8	80.4	120.4

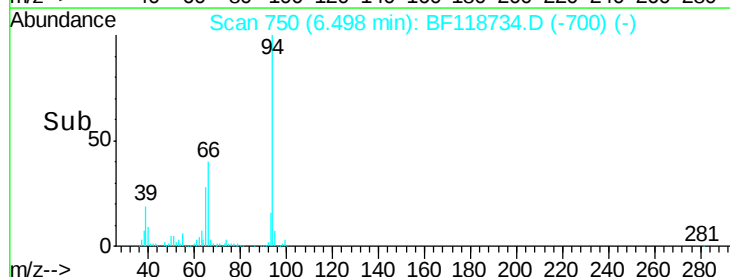
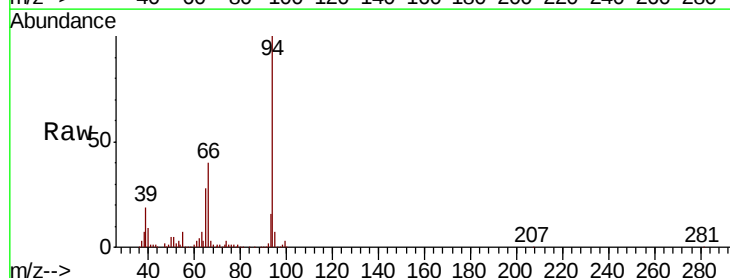
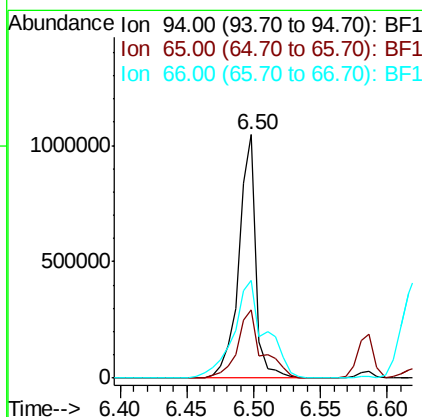
Manual Integrations
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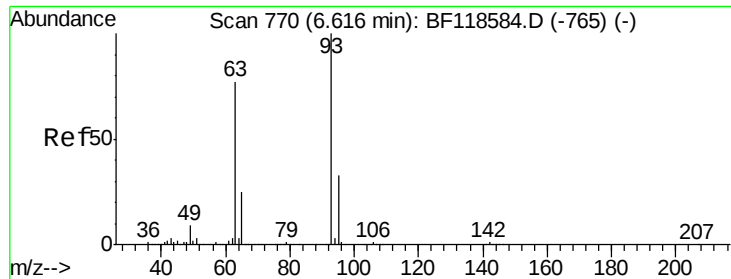
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#10
Phenol
Concen: 35.851 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	40.3	19.1	59.1





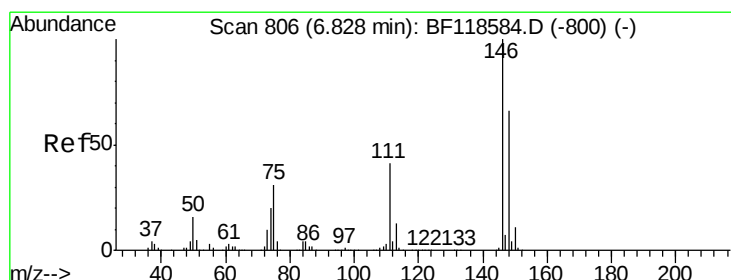
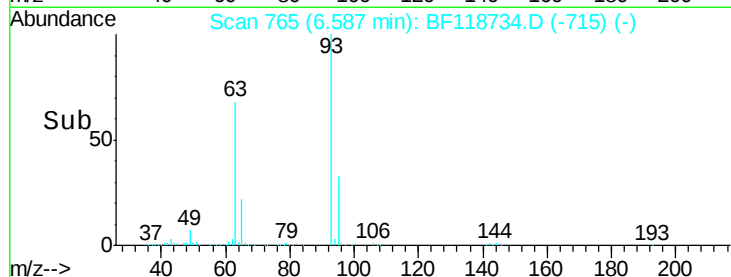
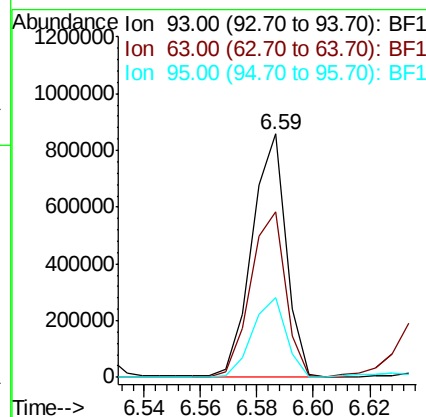
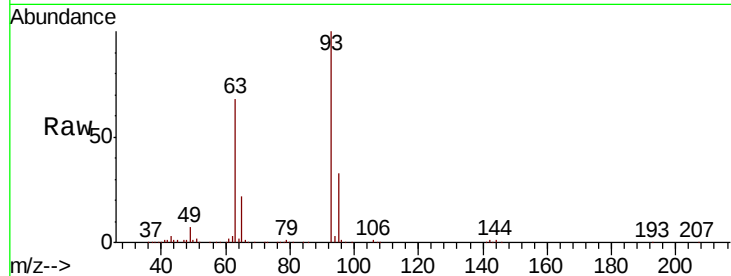
#11
bis(2-Chloroethyl)ether
Concen: 36.957 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		716280		
63	68.2	52.1	92.1		
95	32.7	13.2	53.2		

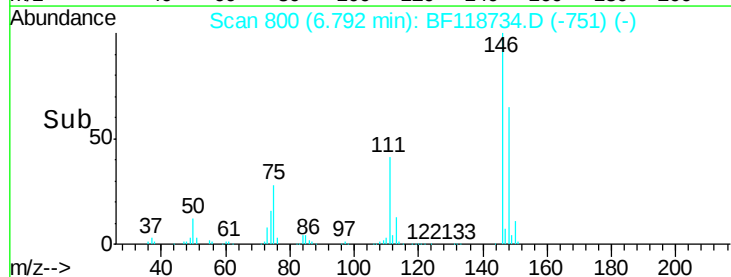
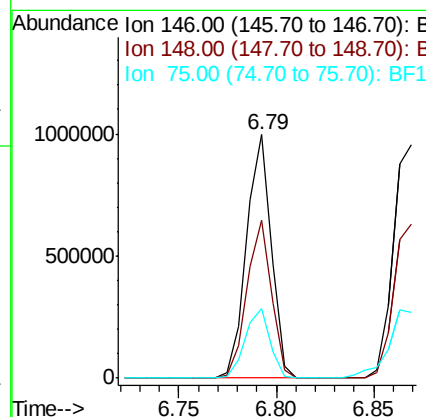
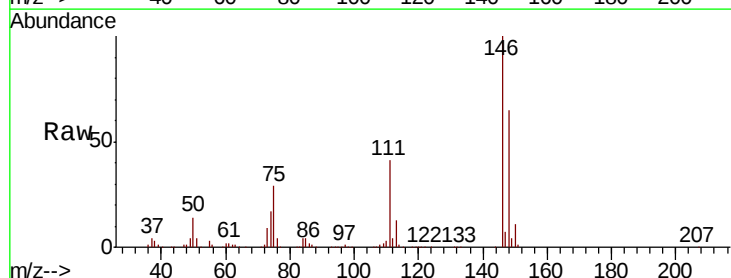
Manual Integrations
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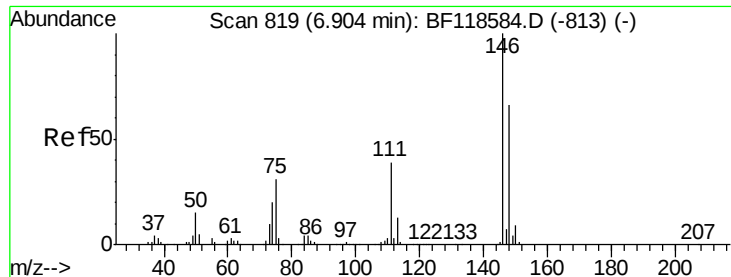
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.592 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		871000		
148	64.8	52.2	78.4		
75	28.7	23.1	34.7		





#13

1,4-Dichlorobenzene

Concen: 37.525 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

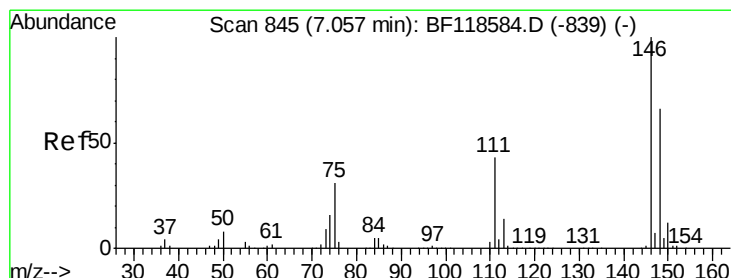
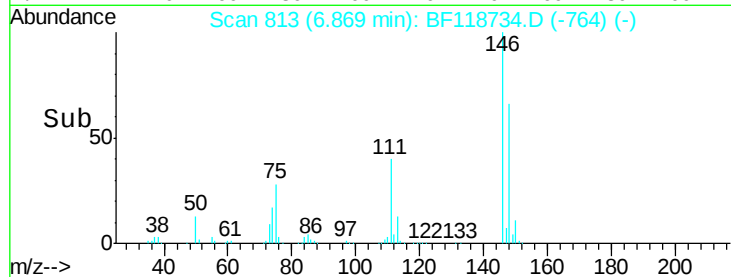
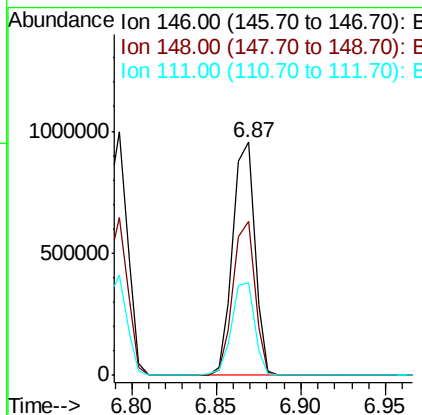
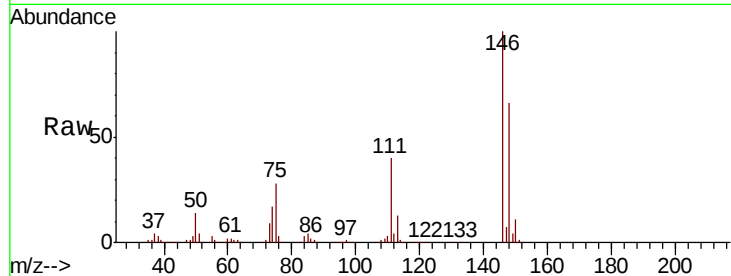
ClientSampleId :

PB126434BS

Tot Ion:	146	Resp:	872758
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.5	77.3
111	39.7	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 37.100 ng

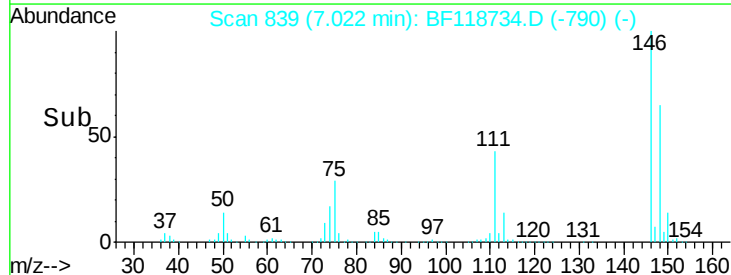
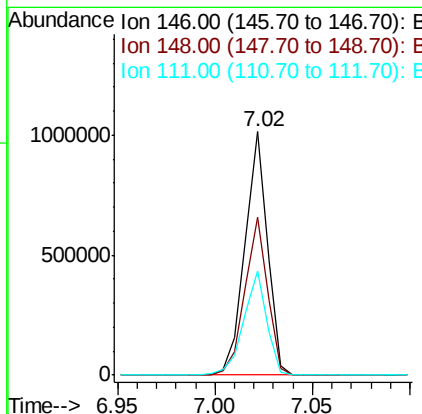
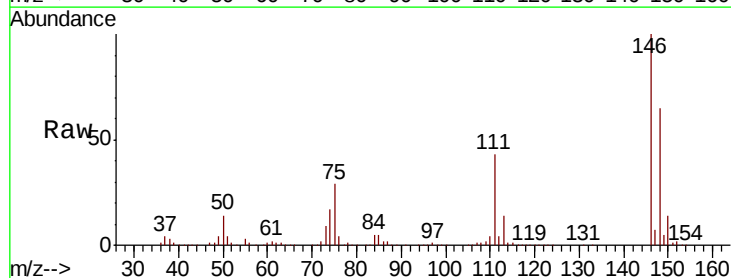
RT: 7.02 min Scan# 839

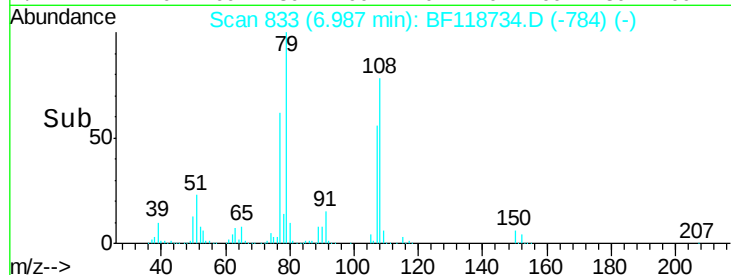
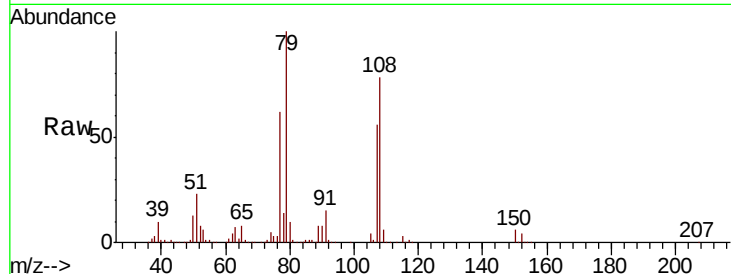
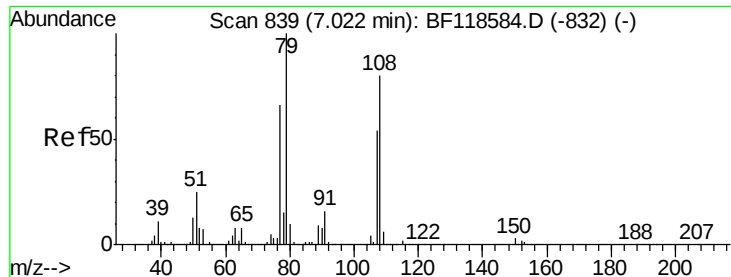
Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:	146	Resp:	811158
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.7	77.5
111	42.8	35.3	52.9





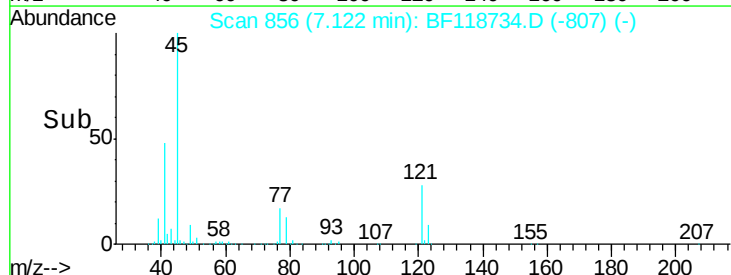
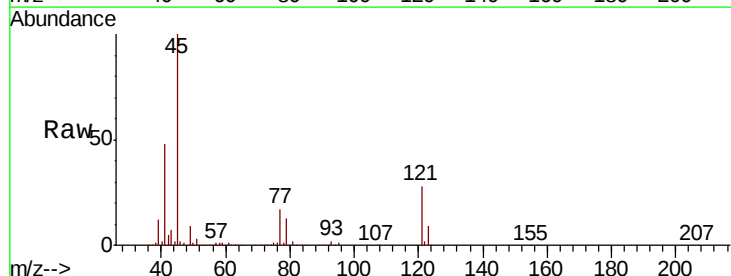
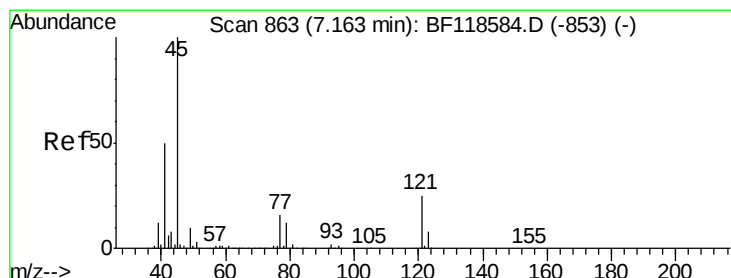
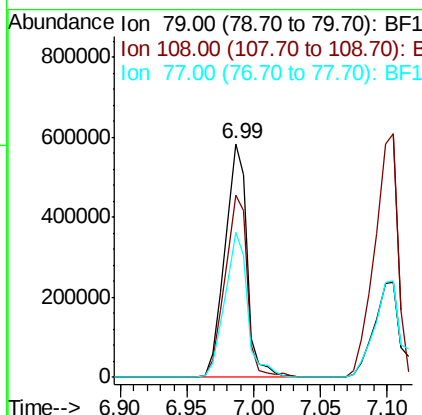
#15
Benzyl Alcohol
Concen: 37.920 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	689315		
108	78.1	63.4	95.2	
77	62.1	49.8	74.6	

Instrument :
BNA_F
ClientSampleId :
PB126434BS

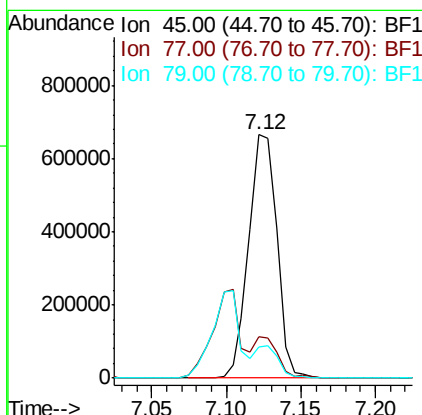
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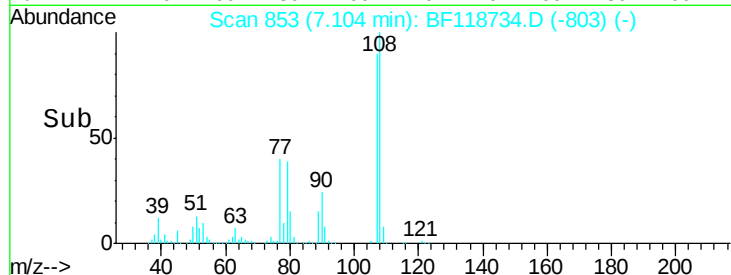
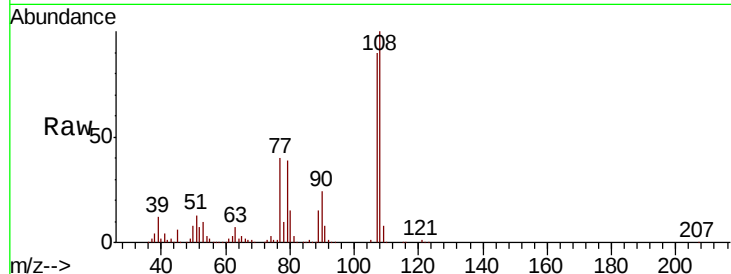
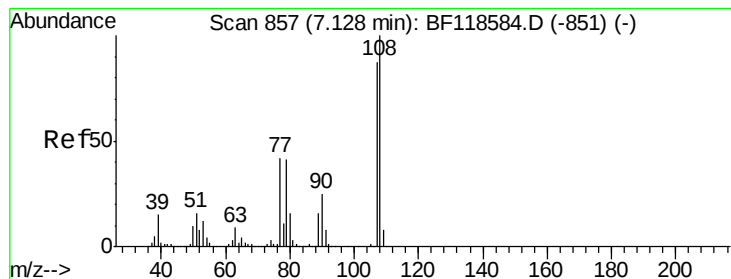
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.102 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	866633		
77	16.8	0.0	36.9	
79	13.0	0.0	32.5	





#17

2-Methylphenol

Concen: 39.756 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tot Ion	107	Resp	655547
Ion Ratio	Lower	Upper	
107	100		
108	111.5	88.0	132.0
77	44.2	35.3	52.9
79	43.7	35.4	53.2

Instrument :

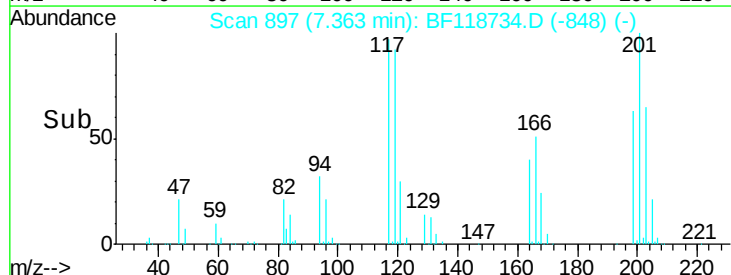
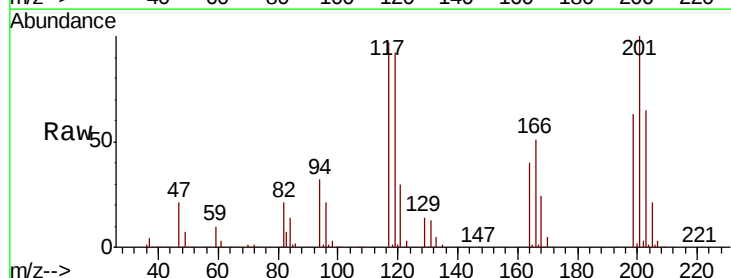
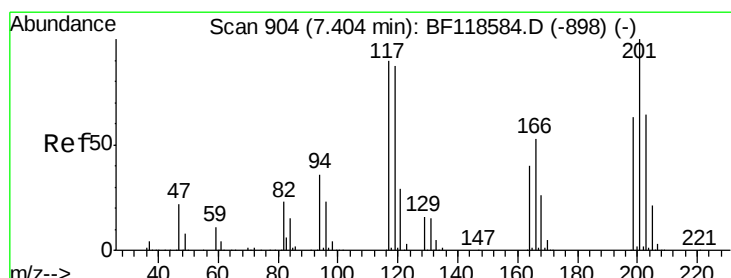
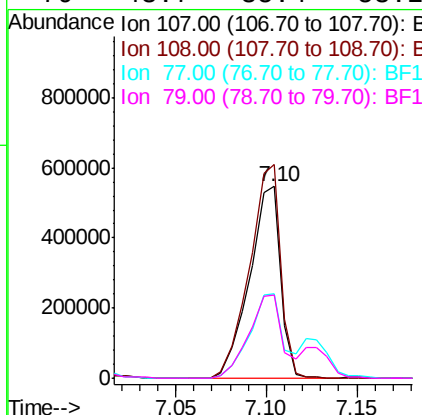
BNA_F

ClientSampleId :

PB126434BS

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#18

Hexachloroethane

Concen: 36.177 ng

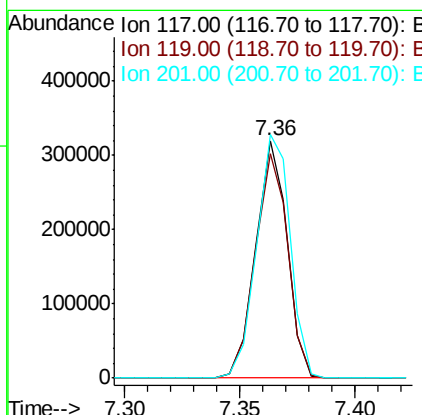
RT: 7.36 min Scan# 897

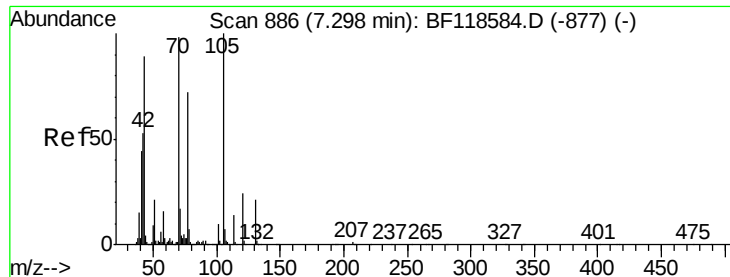
Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion	117	Resp	305102
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.2	114.2
201	102.6	83.3	124.9





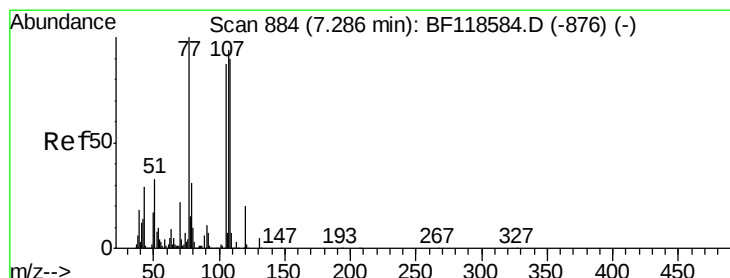
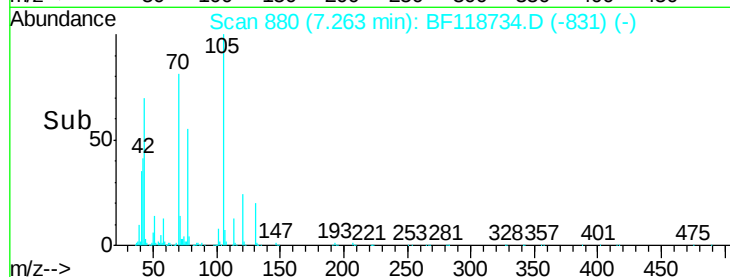
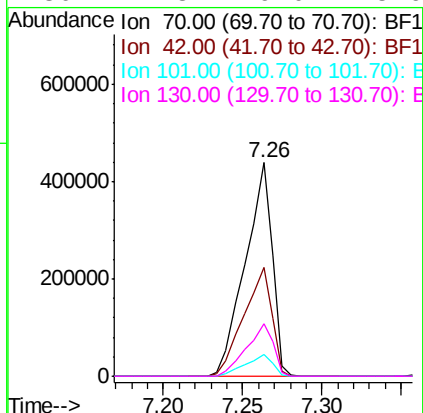
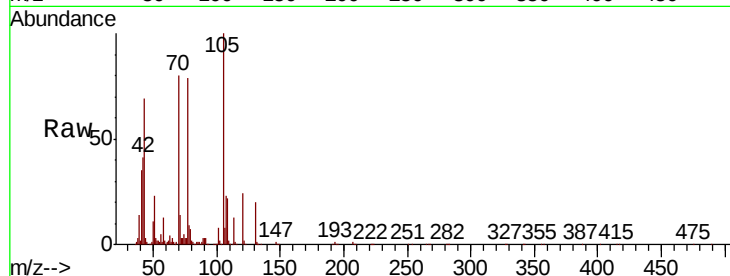
#19
n-Nitroso-di-n-propylamine
Concen: 33.560 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	41.6	62.4	
101	10.3	7.9	11.9	
130	24.8	19.0	28.6	

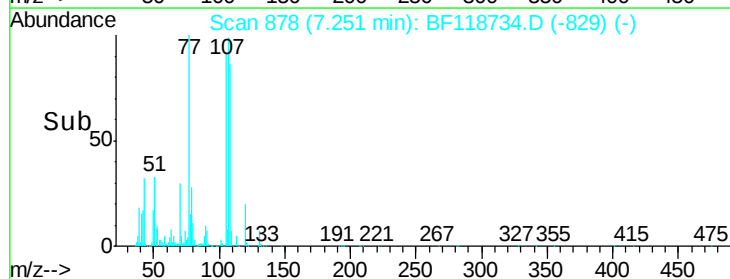
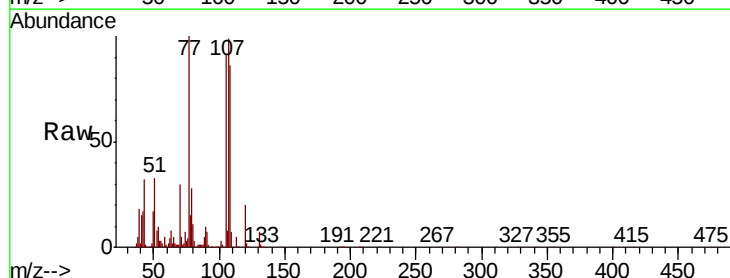
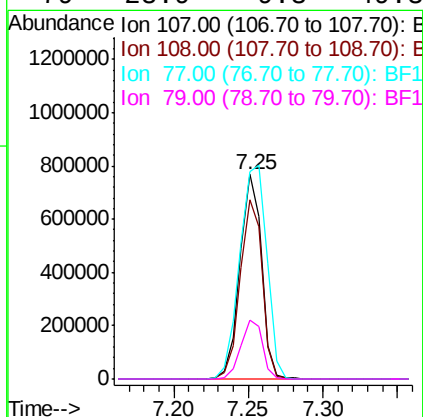
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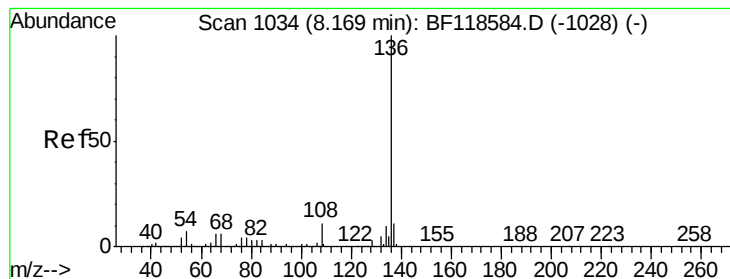
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#20
3+4-Methylphenols
Concen: 38.680 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	67.5	107.5	
77	101.4	73.6	113.6	
79	28.9	9.3	49.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion:136 Resp: 1236270

Ion Ratio Lower Upper

136 100

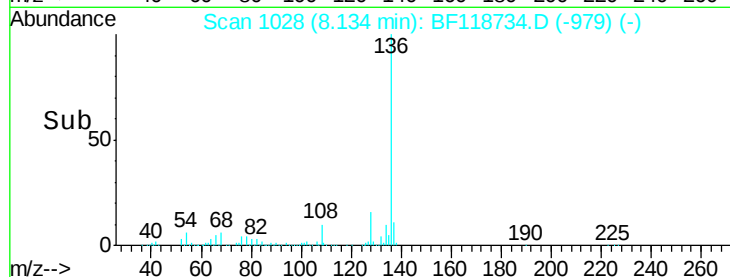
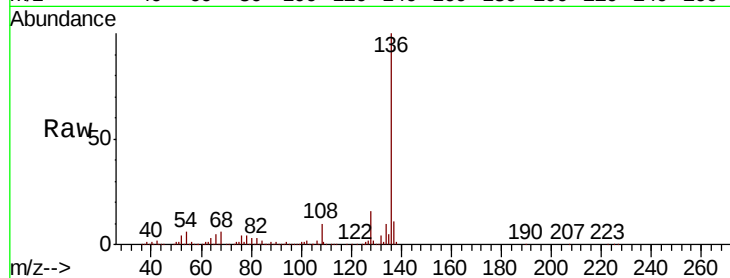
137 11.0 8.9 13.3

54 6.3 5.1 7.7

68 5.6 4.3 6.5

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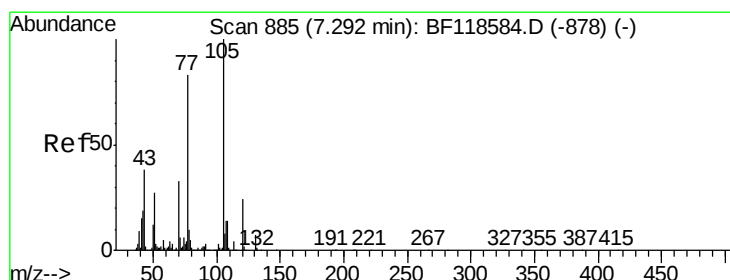
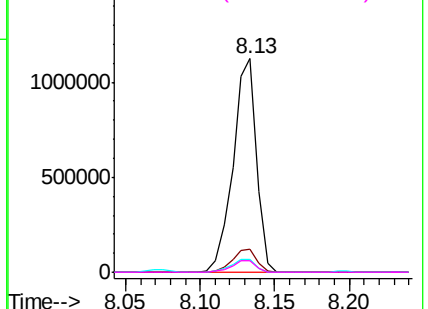


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.085 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:105 Resp: 1027497

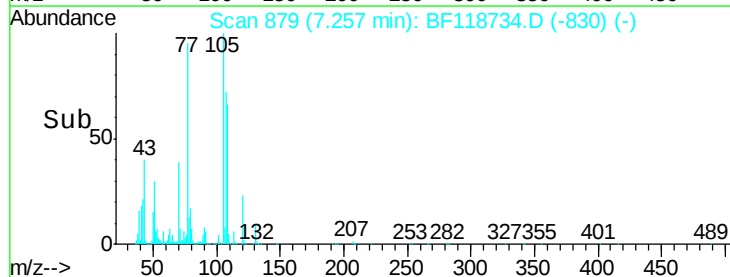
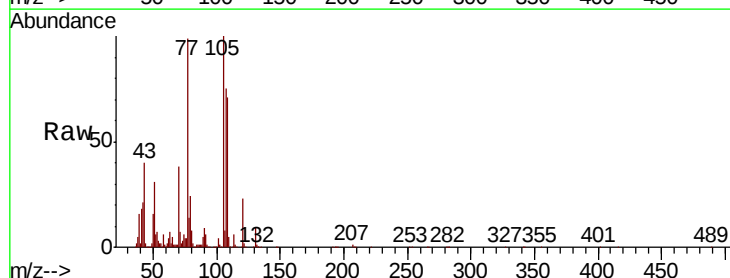
Ion Ratio Lower Upper

105 100

71 6.6 4.3 6.5#

51 31.2 23.5 35.3

120 23.3 18.6 28.0

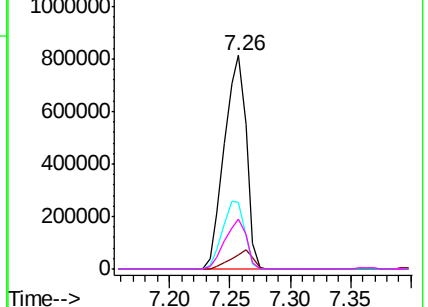


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





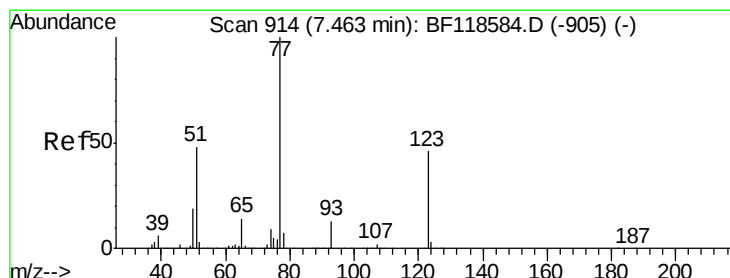
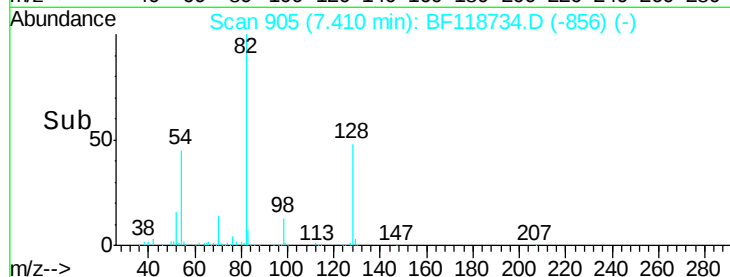
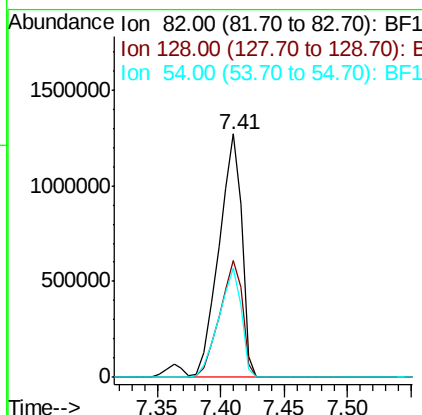
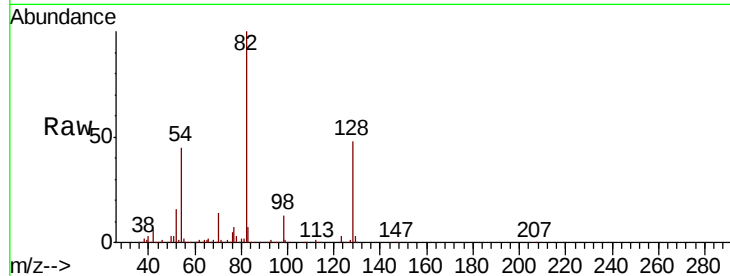
#23
Nitrobenzene-d5
Concen: 71.749 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.2	57.2
54	44.9	36.1	54.1

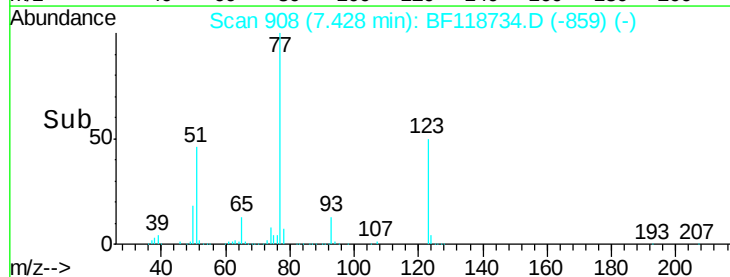
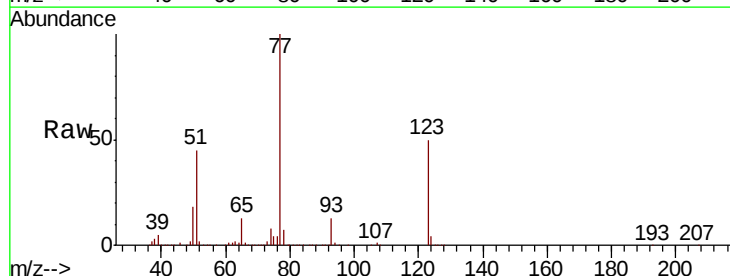
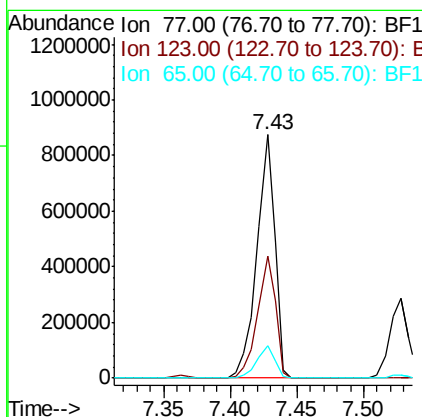
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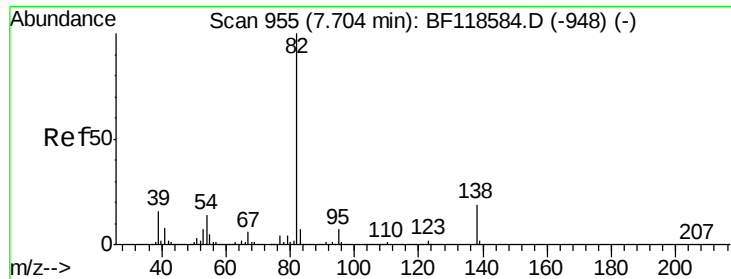
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#24
Nitrobenzene
Concen: 35.430 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	39.2	58.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 36.304 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion: 82 Resp: 1463536

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

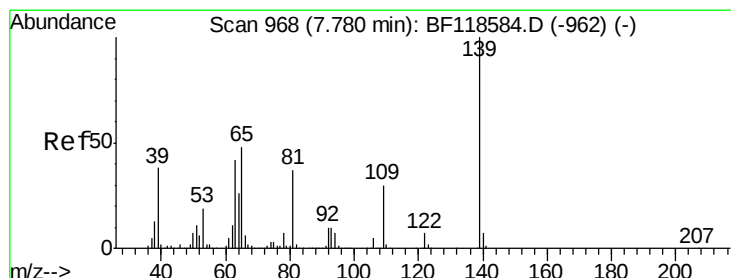
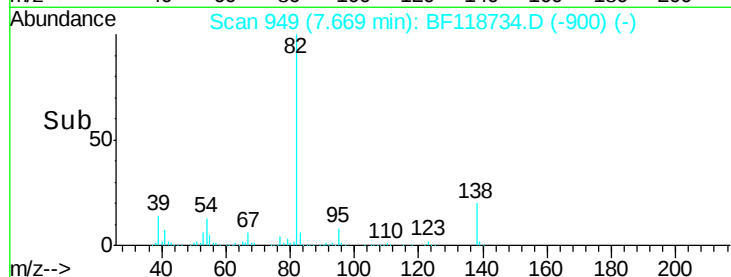
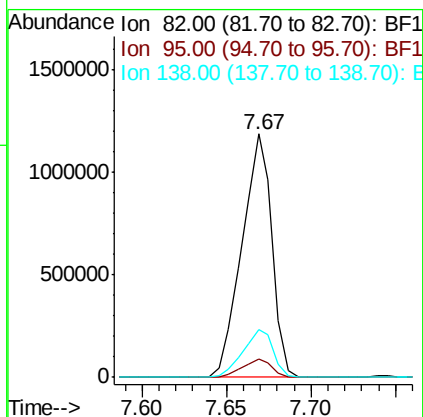
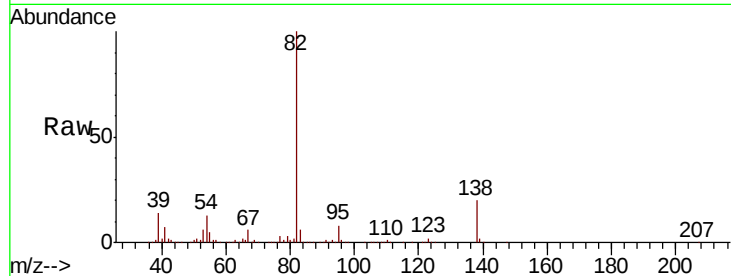
138 19.7 15.8 23.8

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#26

2-Nitrophenol

Concen: 45.979 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

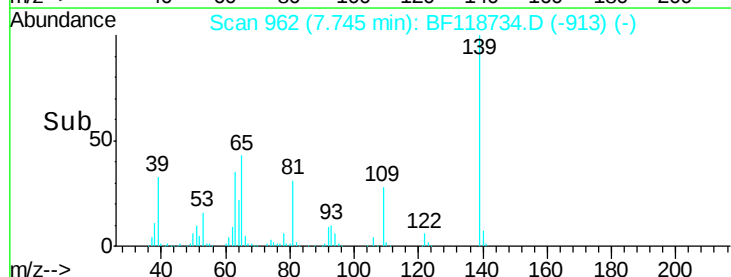
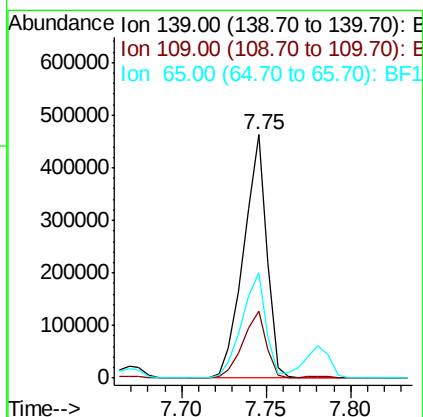
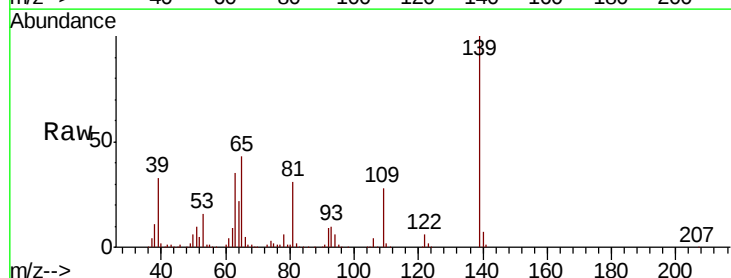
Tgt Ion: 139 Resp: 443743

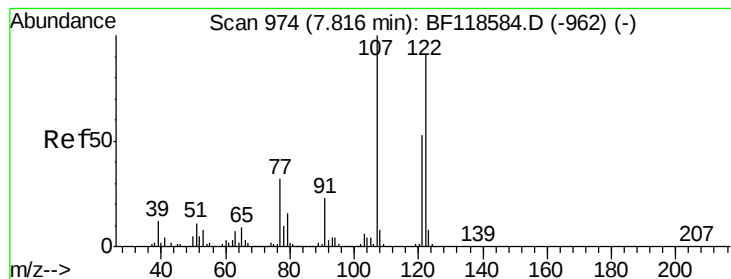
Ion Ratio Lower Upper

139 100

109 27.7 23.1 34.7

65 43.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 42.726 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

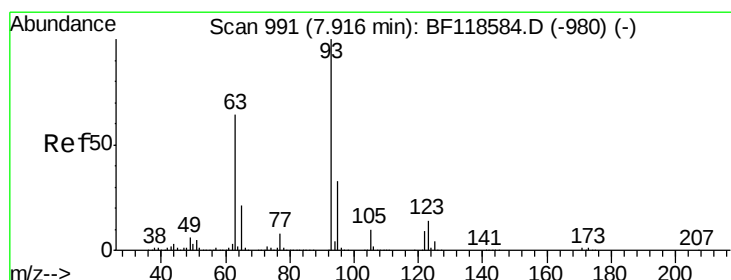
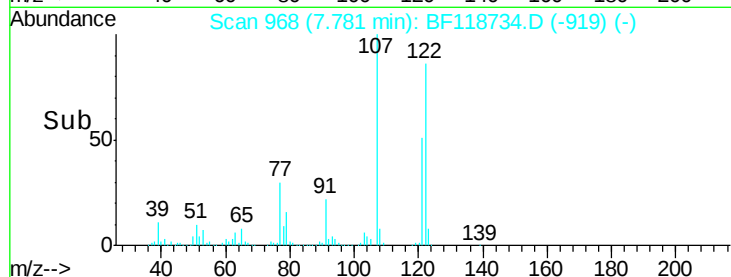
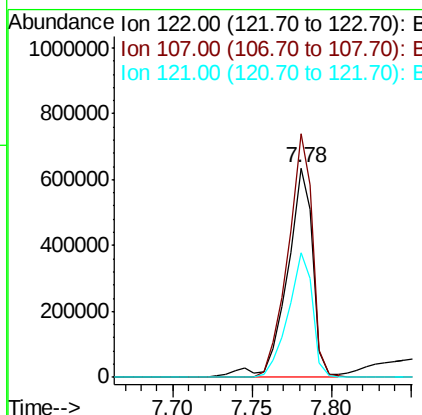
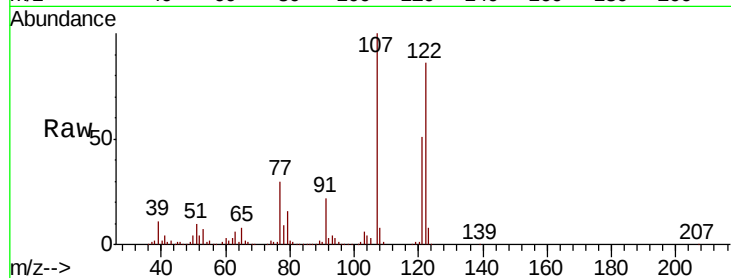
ClientSampleId :

PB126434BS

Tot Ion:	122	Resp:	712040
Ion Ratio	Lower	Upper	
122	100		
107	116.4	91.8	137.8
121	59.6	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 35.133 ng

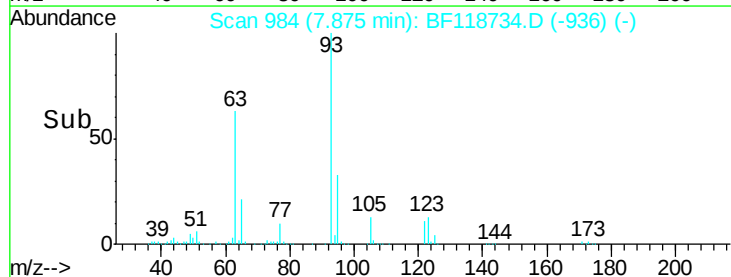
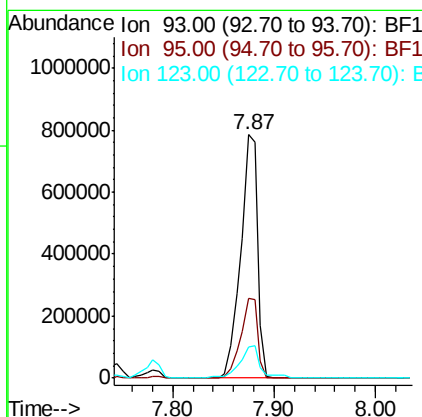
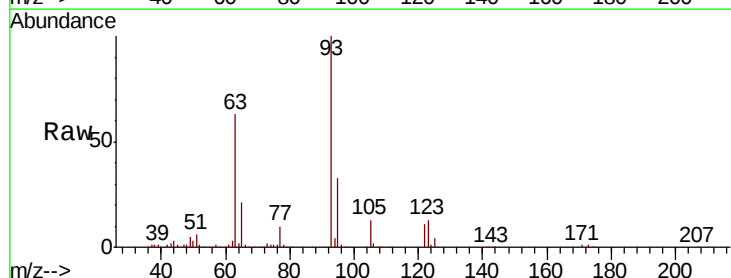
RT: 7.87 min Scan# 984

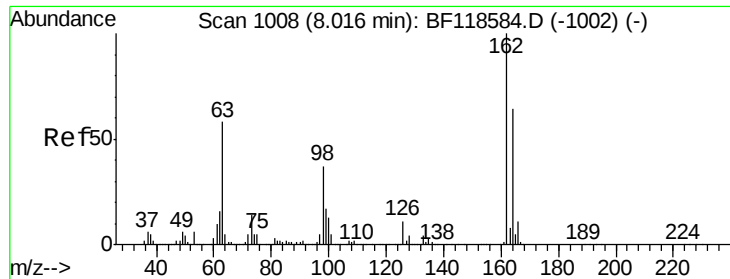
Delta R.T. -0.02 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:	93	Resp:	912604
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	12.8	10.7	16.1





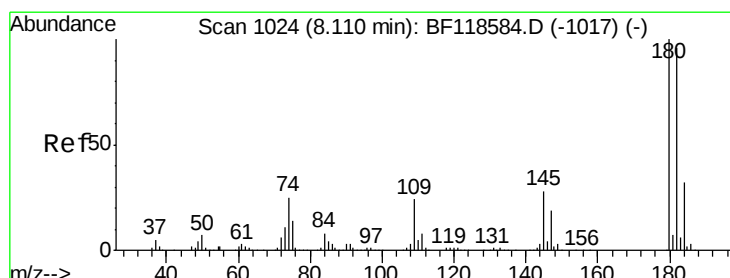
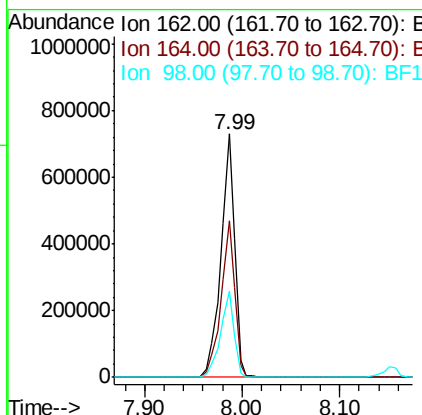
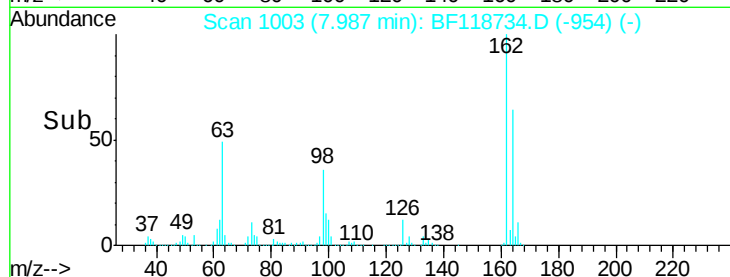
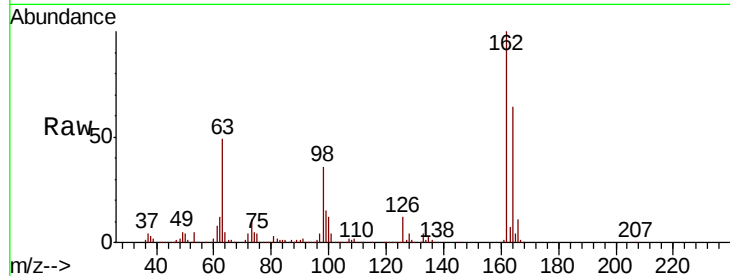
#29
2,4-Dichlorophenol
Concen: 38.927 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	43.8	83.8
98	35.6	15.0	55.0

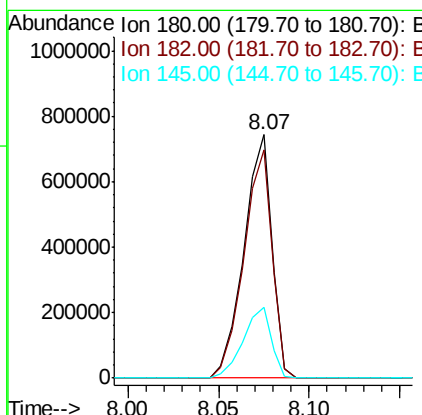
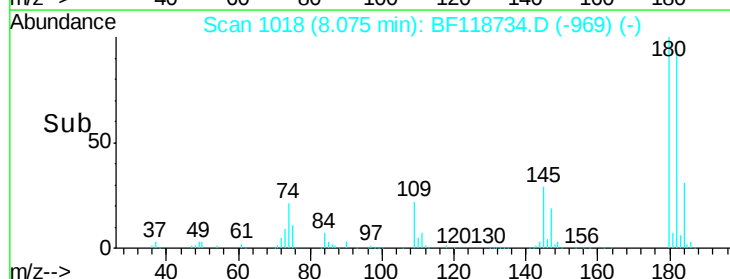
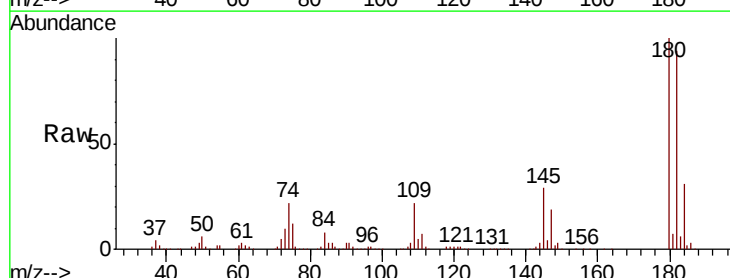
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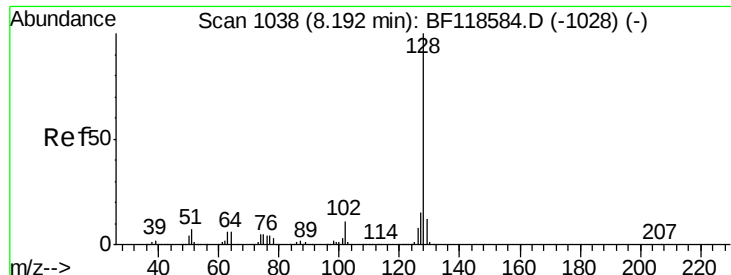
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#30
1,2,4-Trichlorobenzene
Concen: 37.179 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	77.0	115.4
145	29.1	23.5	35.3





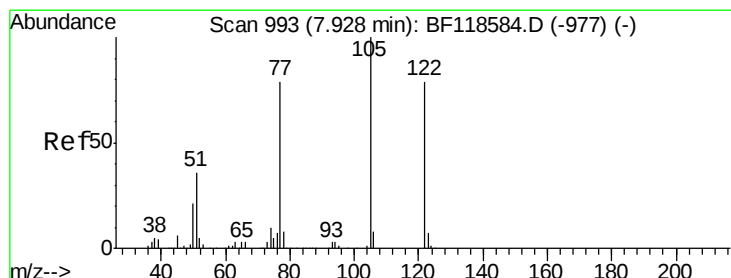
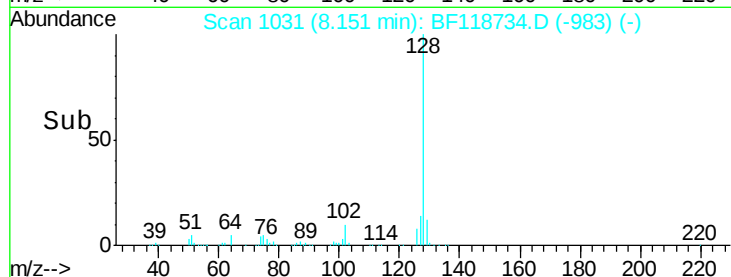
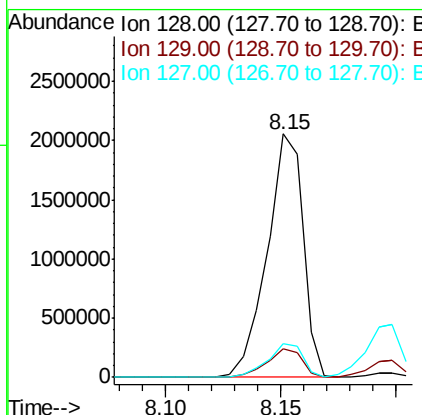
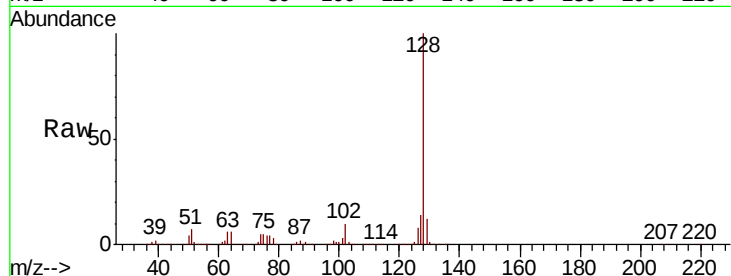
#31
Naphthalene
Concen: 39.871 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleID :
PB126434BS

Tot Ion:128 Resp: 2226647
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 14.0 11.3 16.9

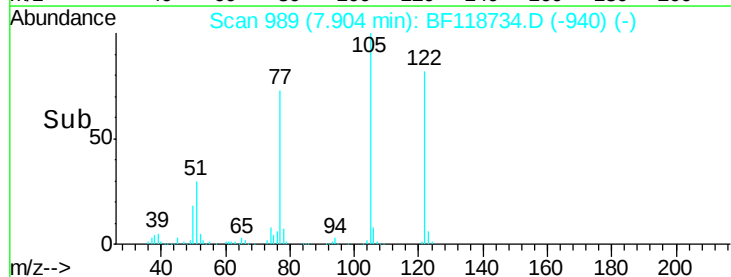
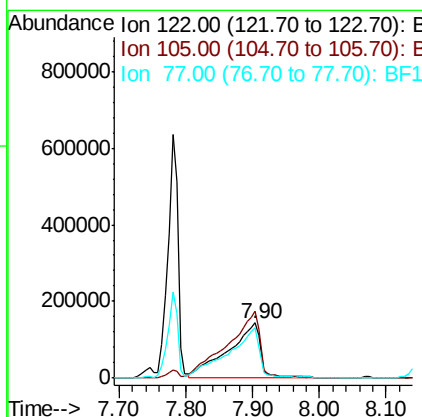
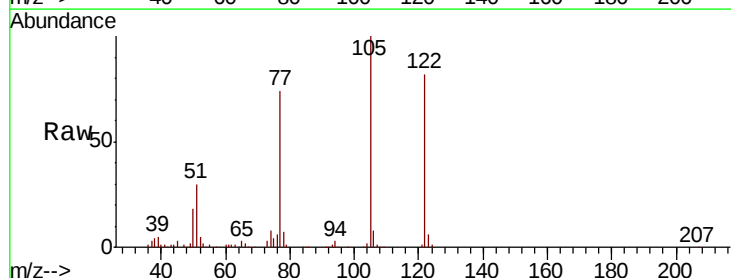
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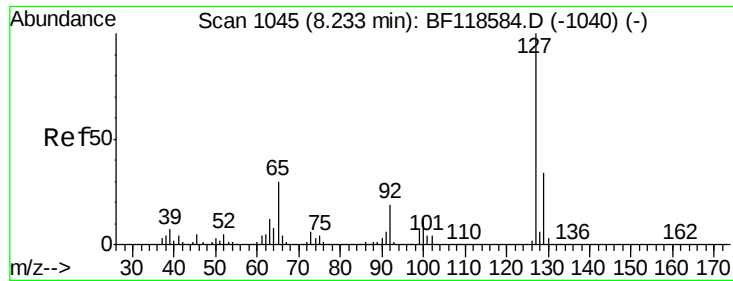
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#32
Benzoic acid
Concen: 38.658 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:122 Resp: 483506
Ion Ratio Lower Upper
122 100
105 122.3 100.9 140.9
77 90.0 65.1 105.1





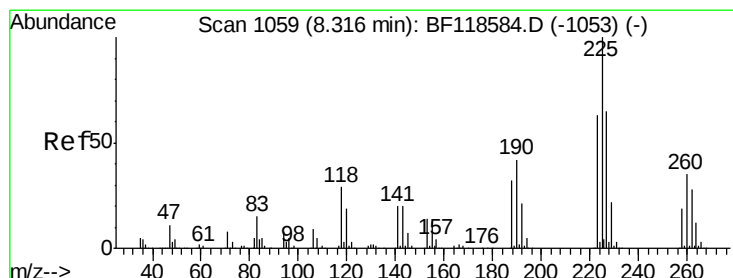
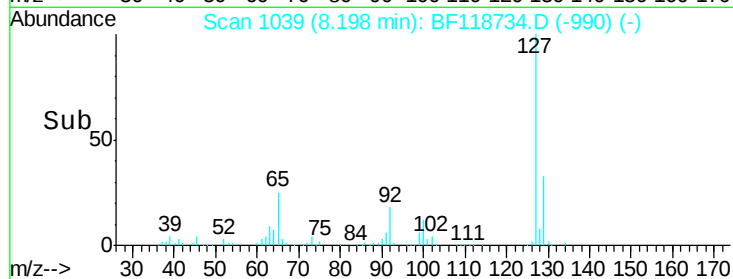
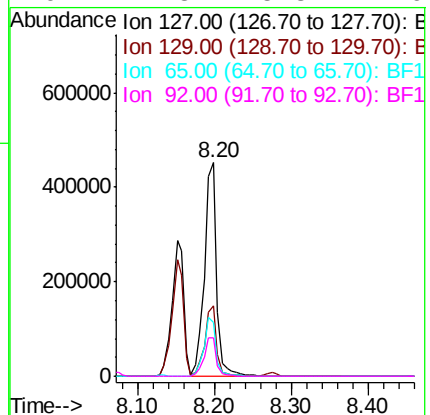
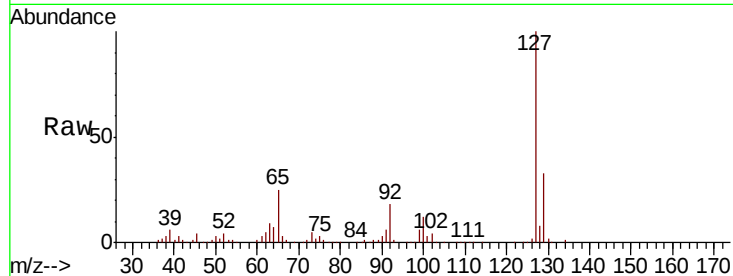
#33
4-Chloroaniline
Concen: 19.417 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		501204		
129	32.8	26.4	39.6		
65	25.4	22.6	33.8		
92	17.8	15.3	22.9		

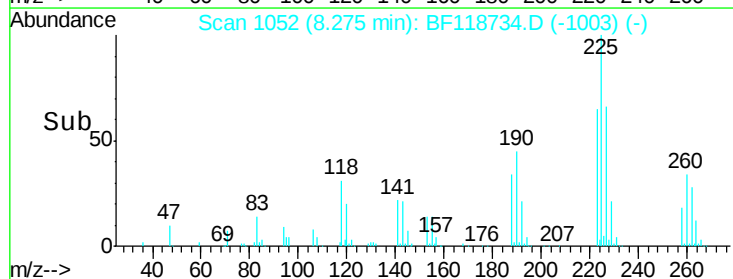
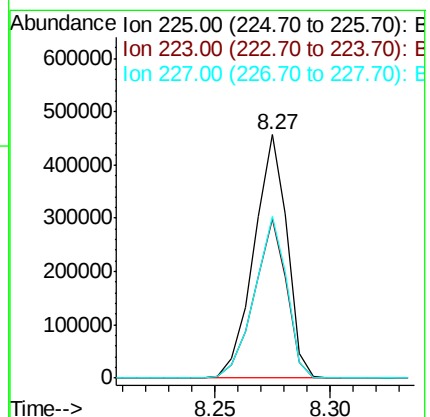
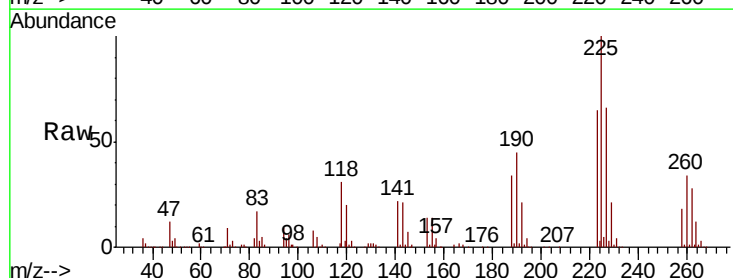
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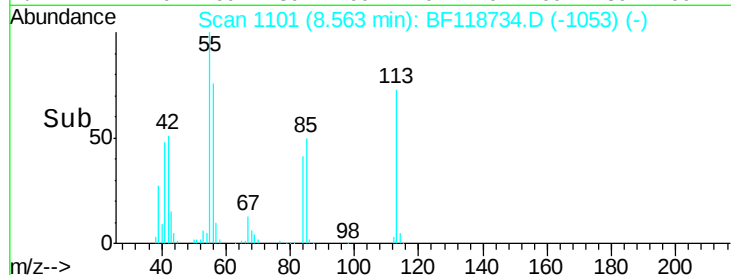
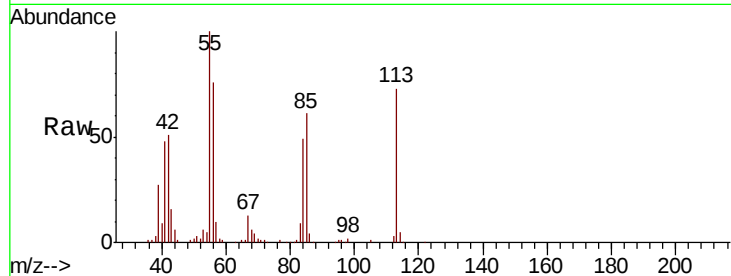
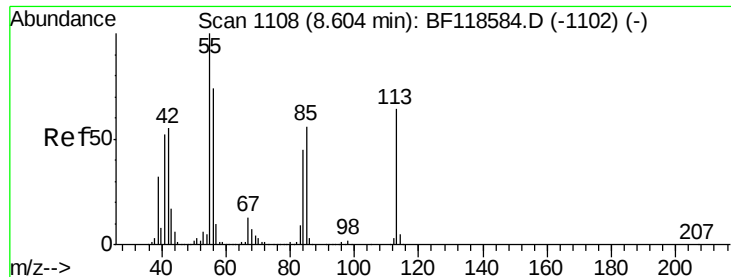
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#34
Hexachlorobutadiene
Concen: 35.126 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		456934		
223	65.2	50.3	75.5		
227	66.2	50.5	75.7		





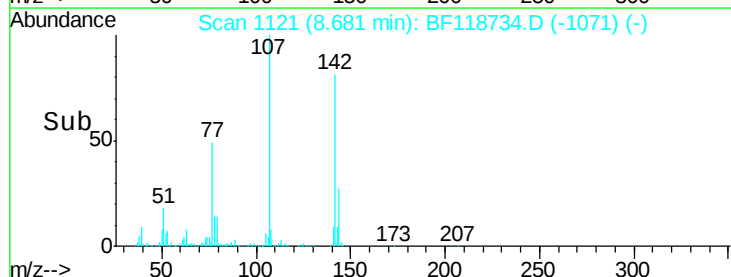
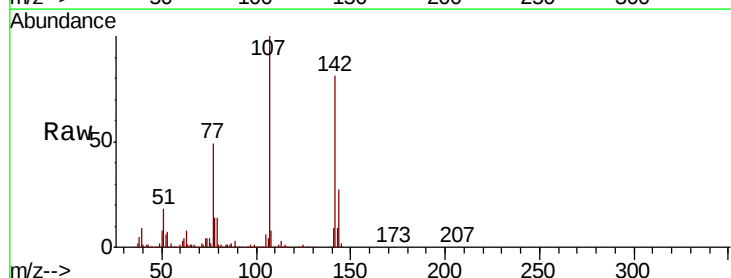
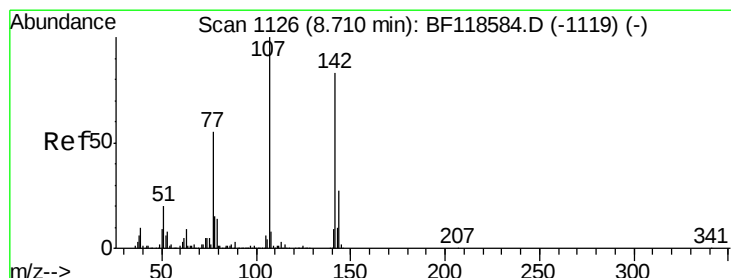
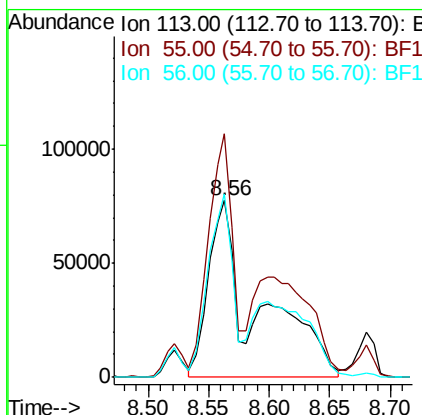
#35
Caprolactam
Concen: 35.606 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.8	119.0	159.0
56	104.1	85.4	125.4

Instrument :
BNA_F
ClientSampleId :
PB126434BS

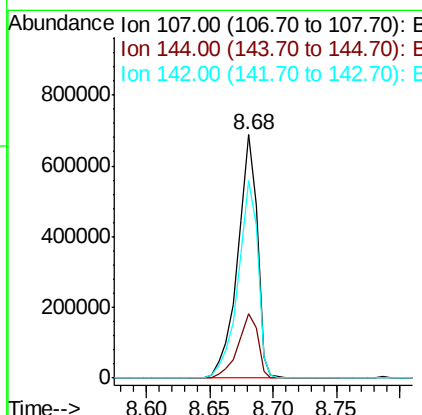
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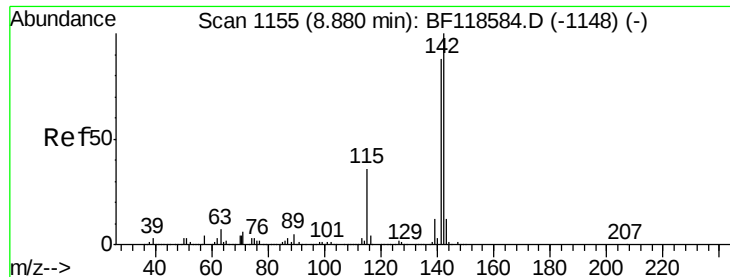
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#36
4-Chloro-3-methylphenol
Concen: 40.052 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	81.2	64.5	96.7





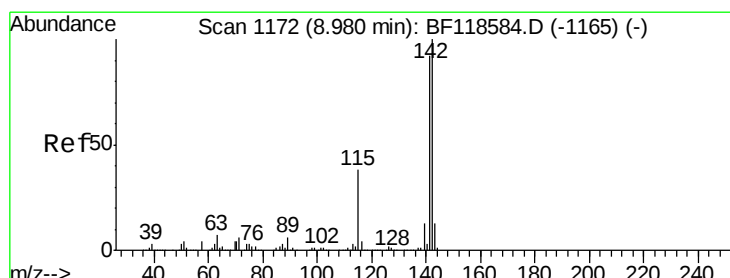
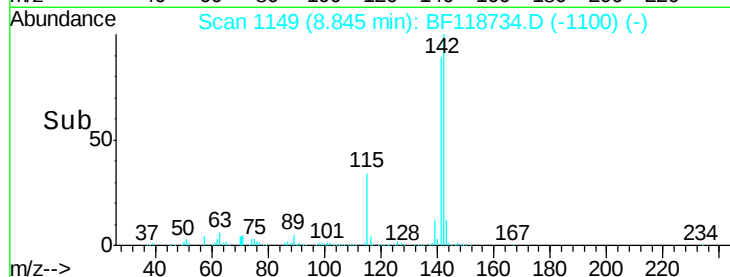
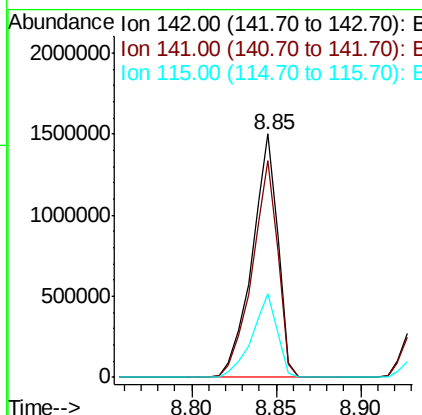
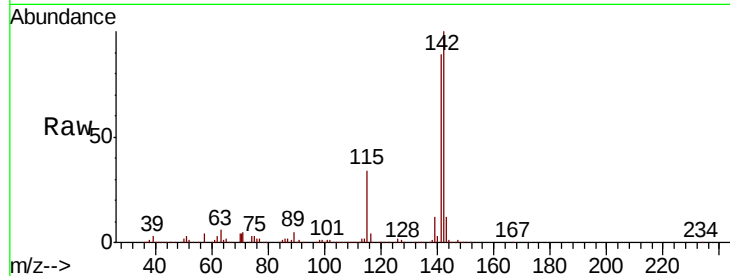
#37
2-Methylnaphthalene
Concen: 40.441 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	34.4	27.5	41.3

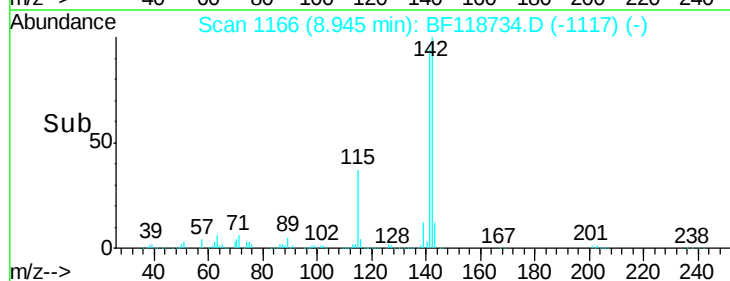
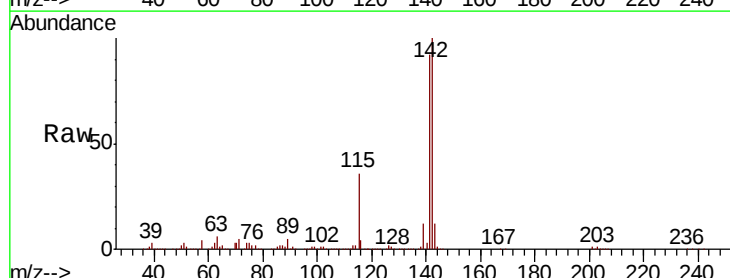
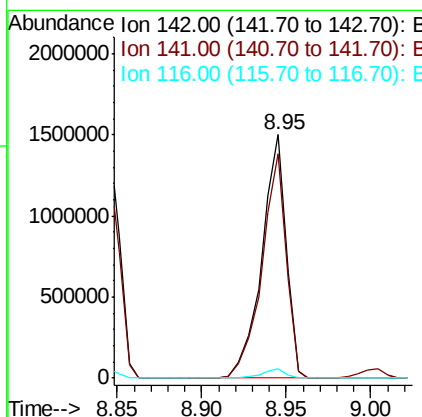
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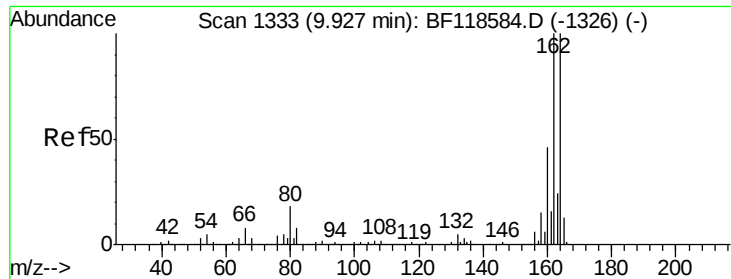
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#38
1-Methylnaphthalene
Concen: 39.975 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.5	110.3
116	3.7	3.0	4.6





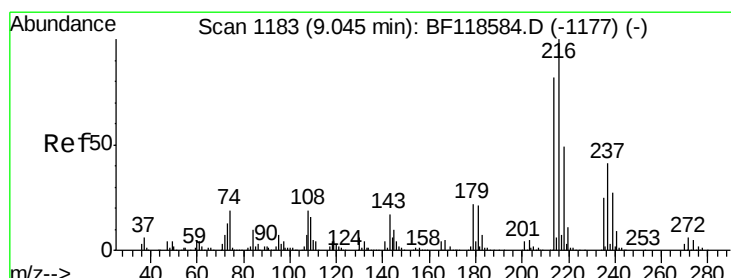
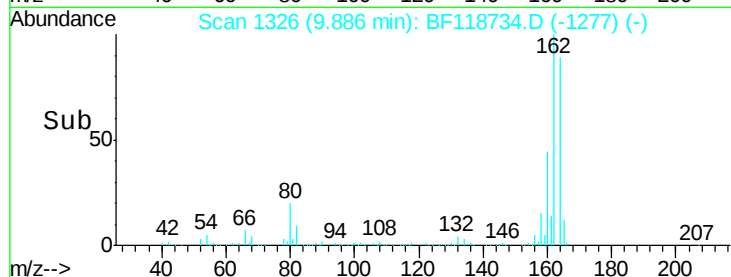
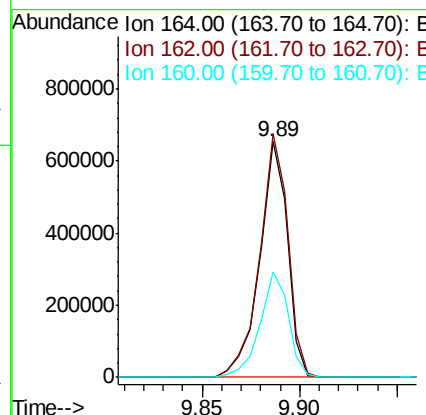
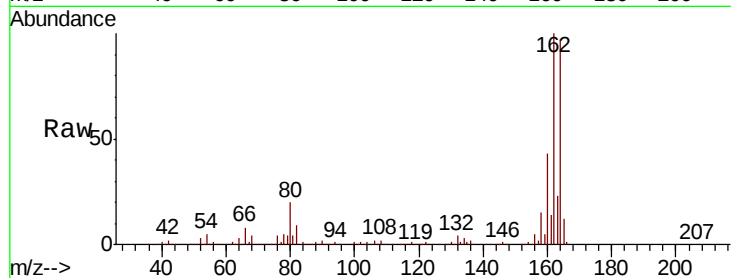
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	80.8	121.2	
160	44.8	35.4	53.0	

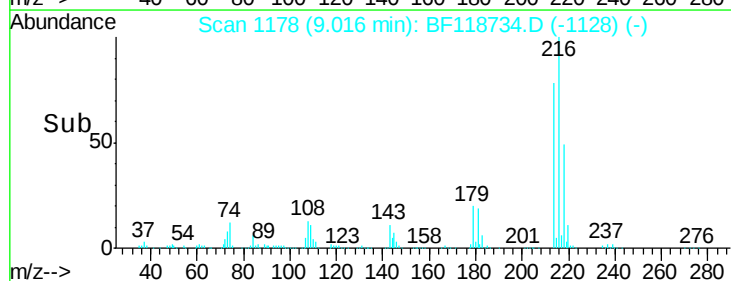
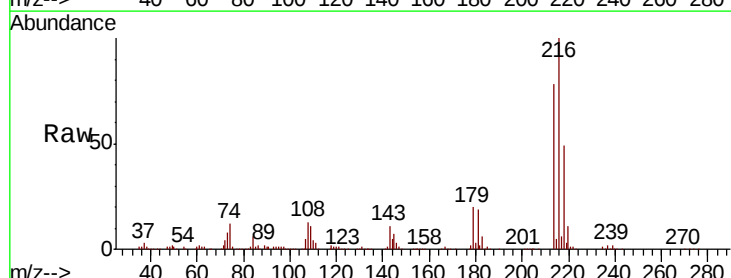
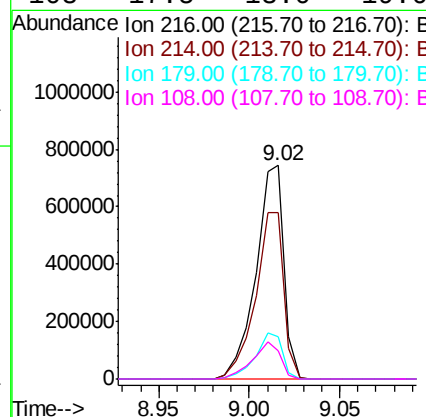
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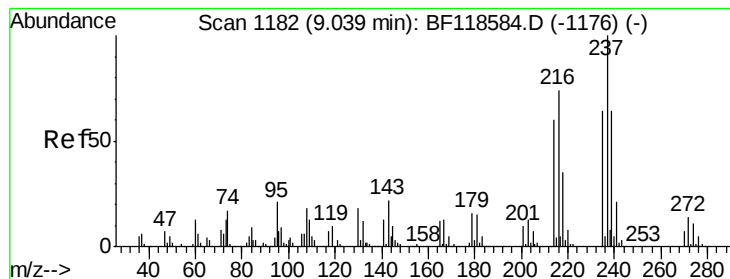
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.412 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.4	95.2	
179	21.0	17.0	25.4	
108	17.5	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 50.930 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

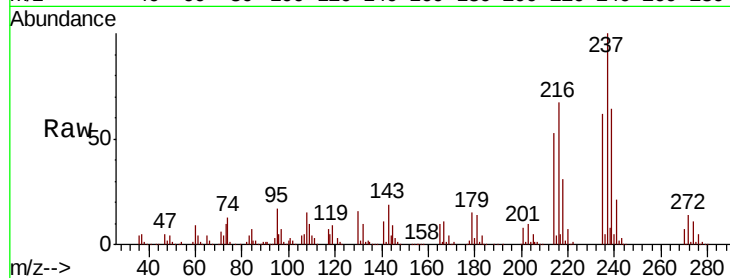
ClientSampleId :

PB126434BS

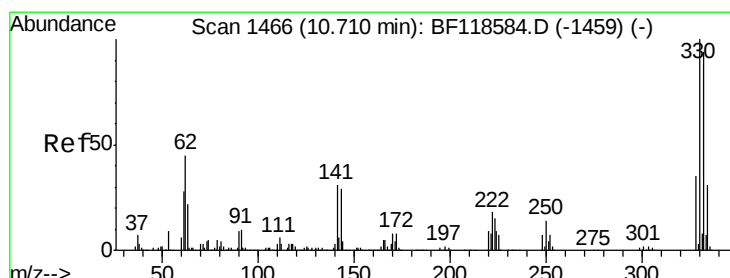
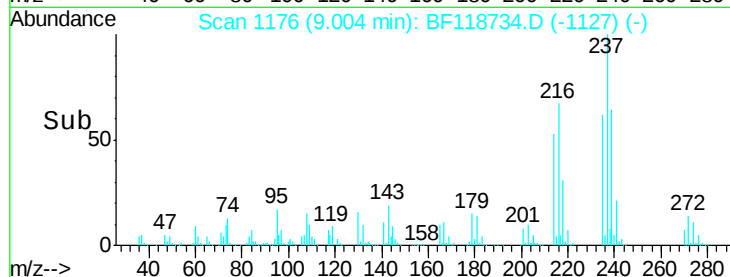
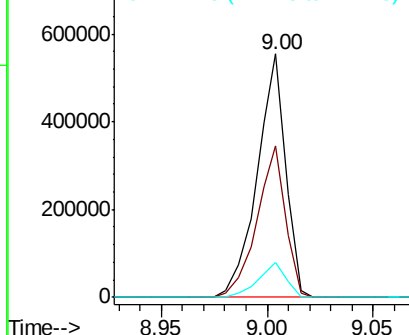
Tot Ion:	237	Resp:	519927
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.7	82.7
272	14.1	0.0	34.4

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



#42

2,4,6-Tribromophenol

Concen: 124.246 ng

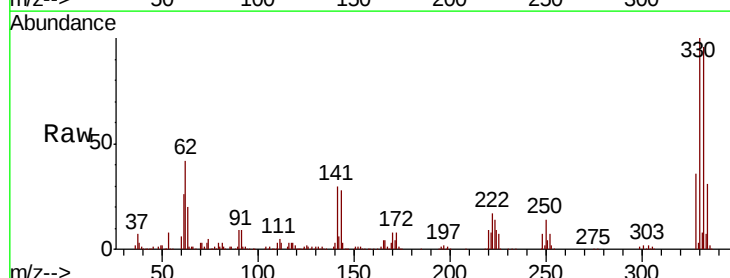
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

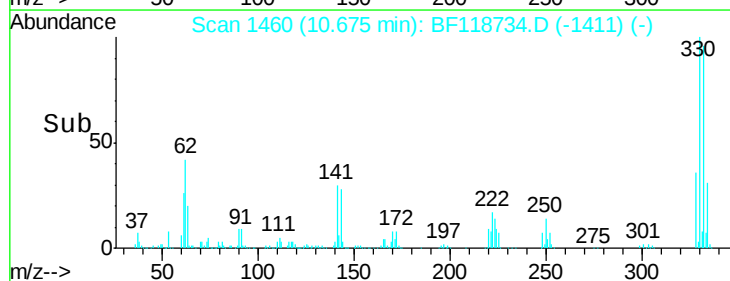
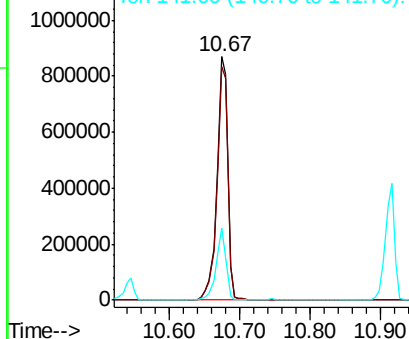
Lab File: BF118734.D

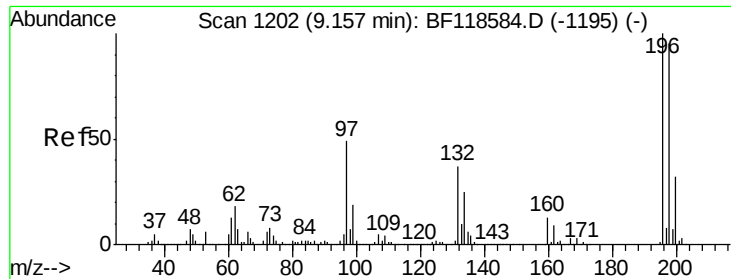
Acq: 29 Jan 2020 16:32

Tgt Ion:	330	Resp:	929315
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.6	116.4
141	27.2	22.2	33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





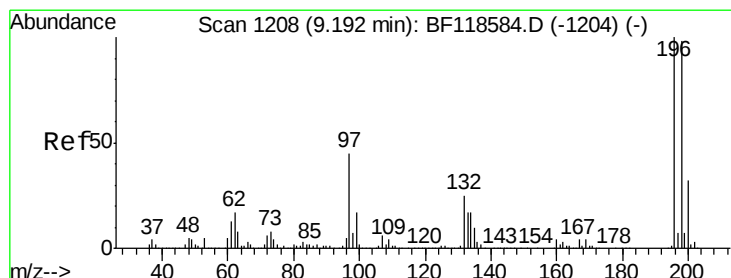
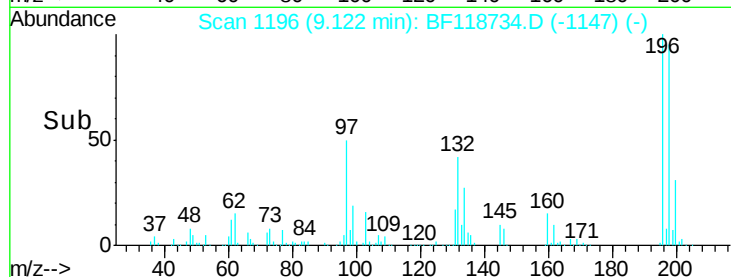
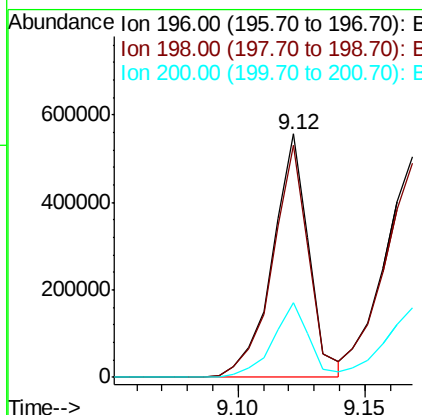
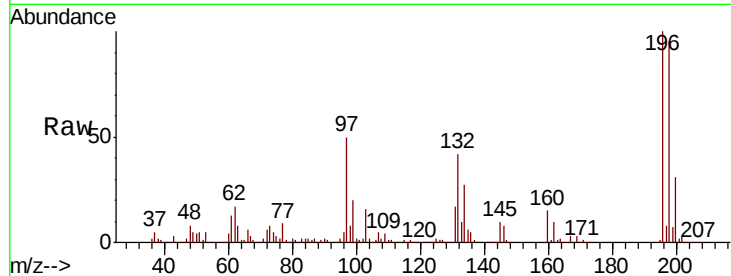
#43
 2,4,6-Trichlorophenol
 Concen: 41.520 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampled :
 PB126434BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	557492		
198	95.3	76.4	114.6	
200	30.9	25.4	38.2	

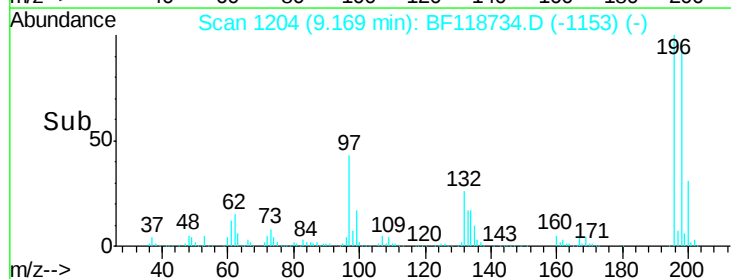
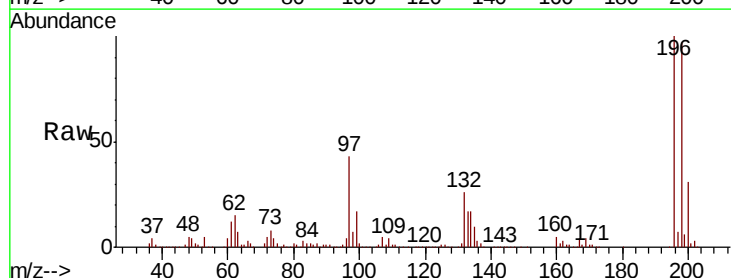
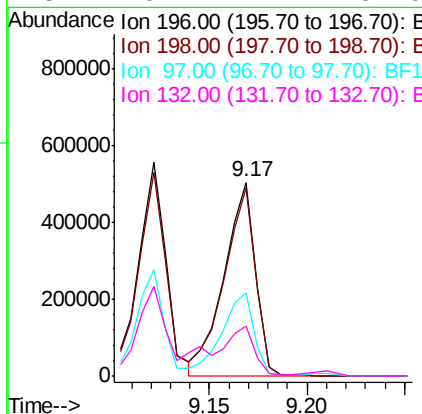
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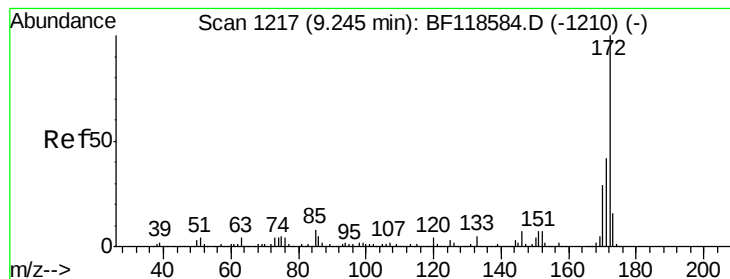
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.151 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	564301		
198	96.9	76.2	114.4	
97	43.0	35.7	53.5	
132	26.1	21.4	32.0	





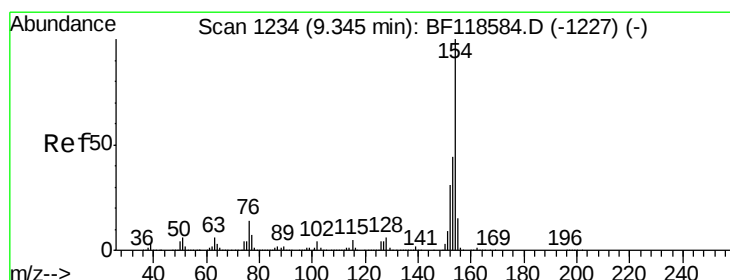
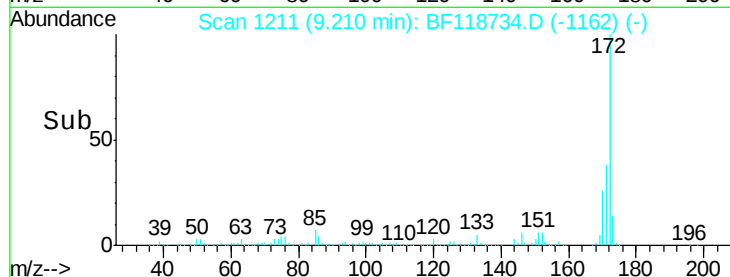
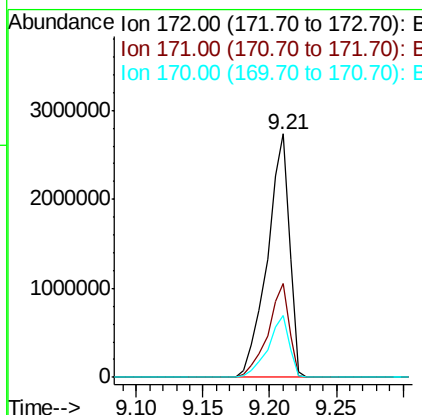
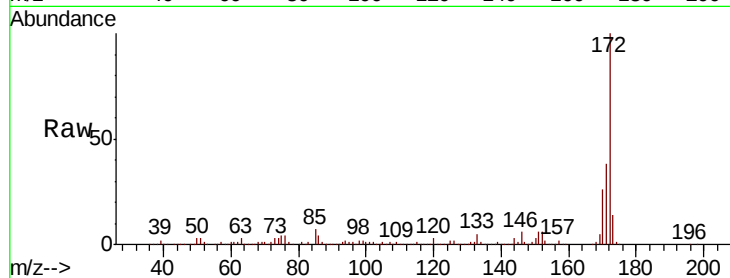
#45
2-Fluorobiphenyl
Concen: 80.072 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.6	20.7	31.1

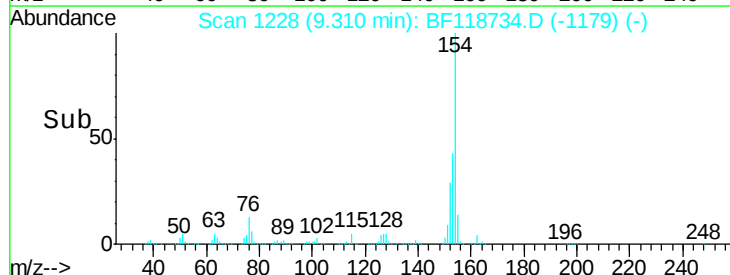
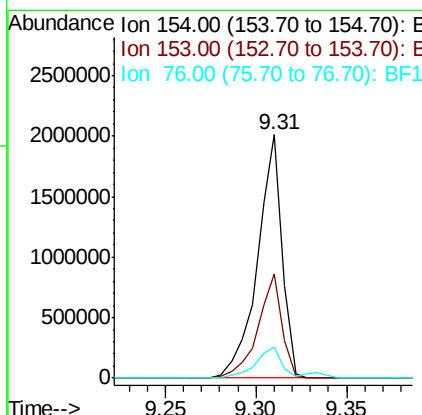
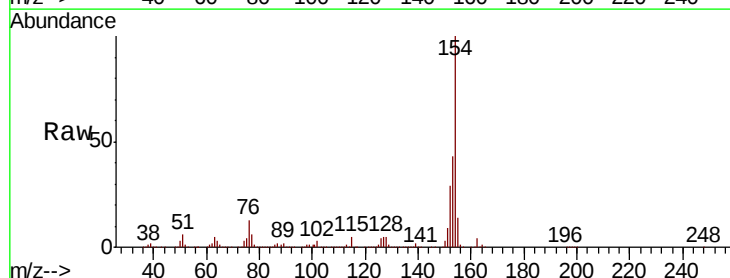
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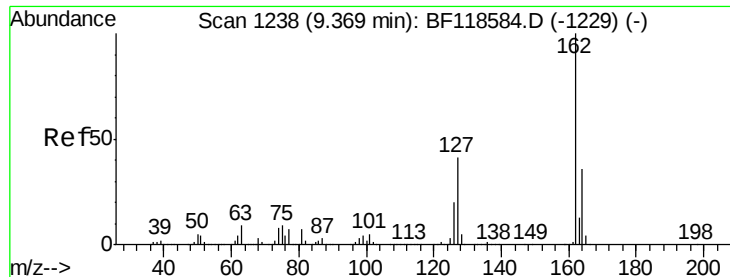
mohammad
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#46
1,1'-Biphenyl
Concen: 42.439 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.3	62.3
76	12.6	0.0	32.0





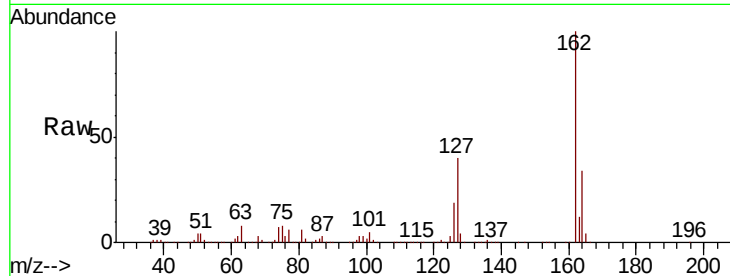
#47
 2-Chloronaphthalene
 Concen: 40.945 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

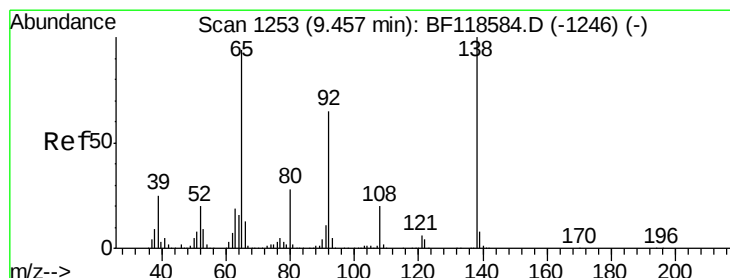
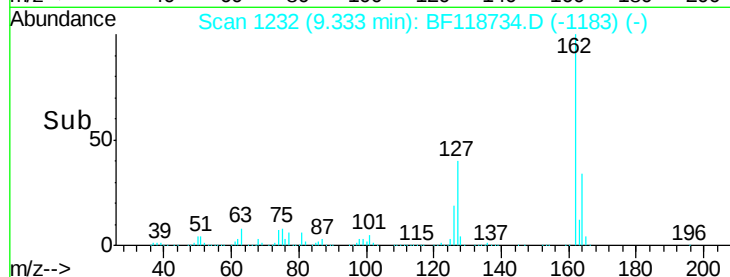
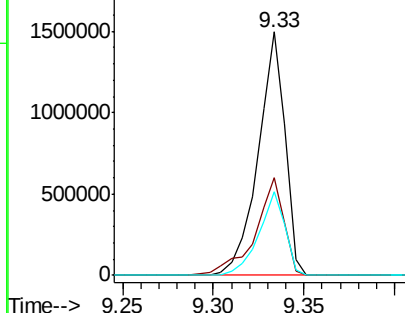
Tot Ion:	162	Resp:	1538134
Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.9	49.3
164	34.5	27.5	41.3

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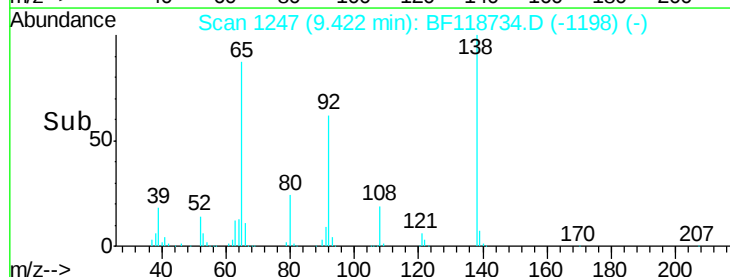
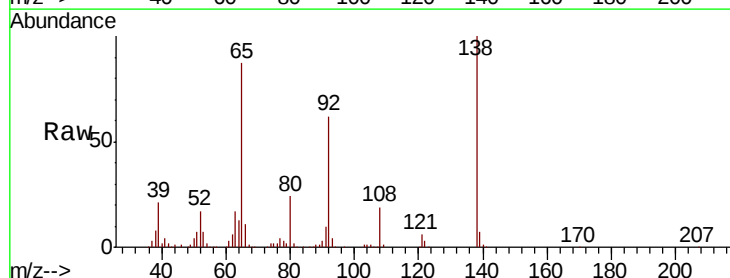
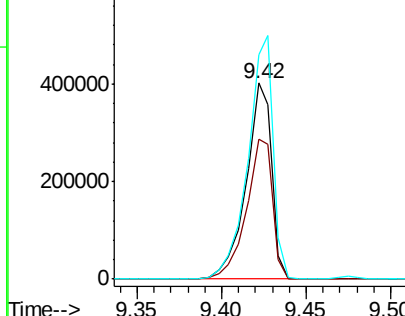
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

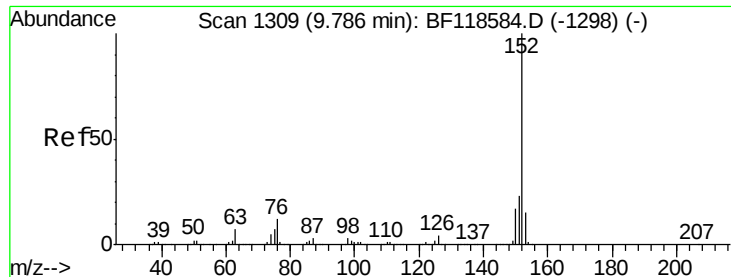


#48
 2-Nitroaniline
 Concen: 36.814 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:	65	Resp:	425120
Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.8	86.6
138	114.6	95.1	142.7

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.846 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion:152 Resp: 2317166

Ion Ratio Lower Upper

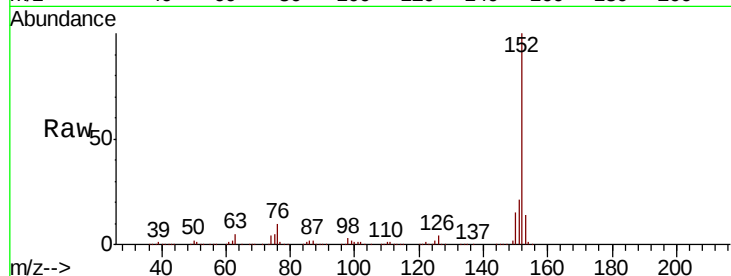
152 100

151 21.4 17.1 25.7

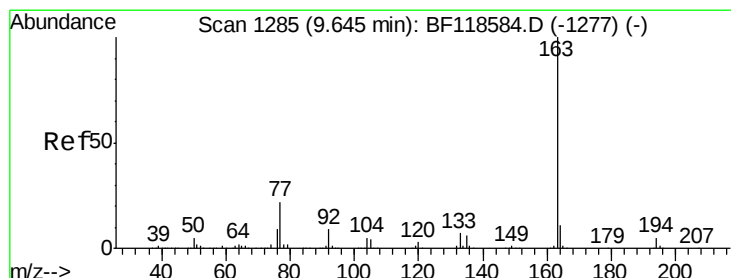
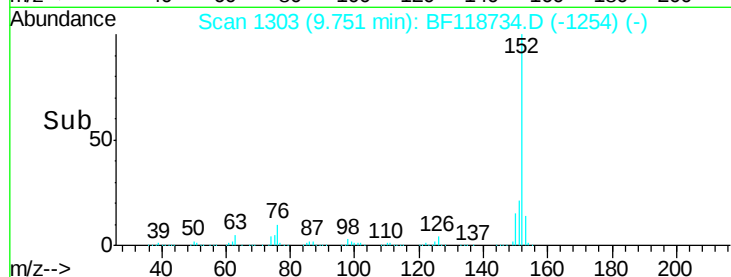
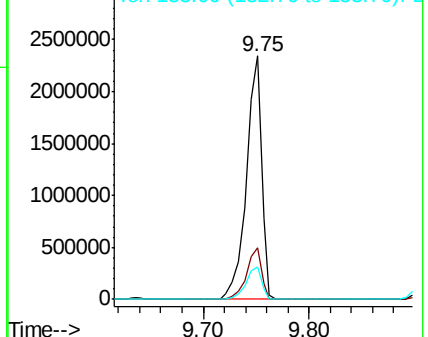
153 13.6 11.0 16.4

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



#50

Dimethylphthalate

Concen: 42.720 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

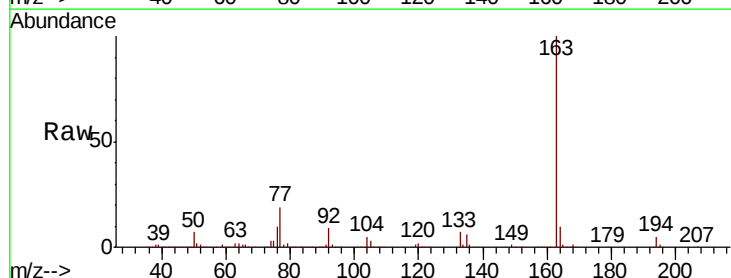
Tgt Ion:163 Resp: 1799868

Ion Ratio Lower Upper

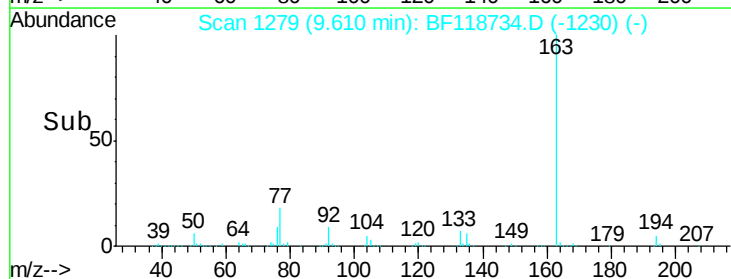
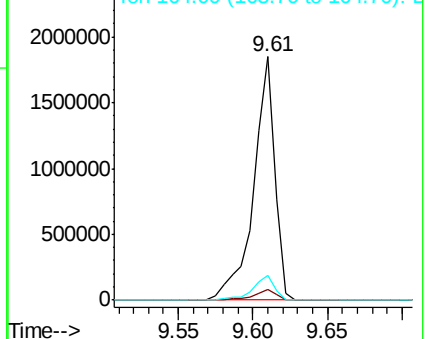
163 100

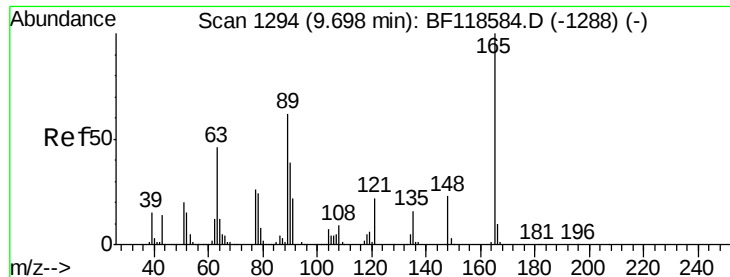
194 4.6 3.7 5.5

164 10.4 8.2 12.2



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





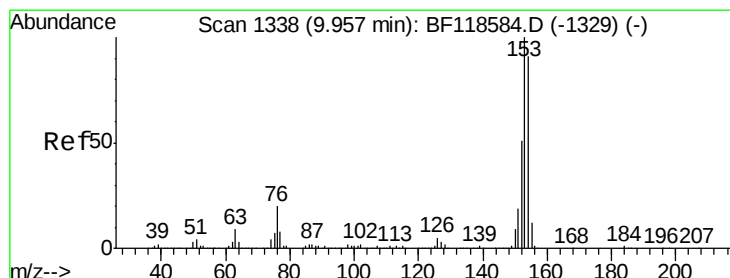
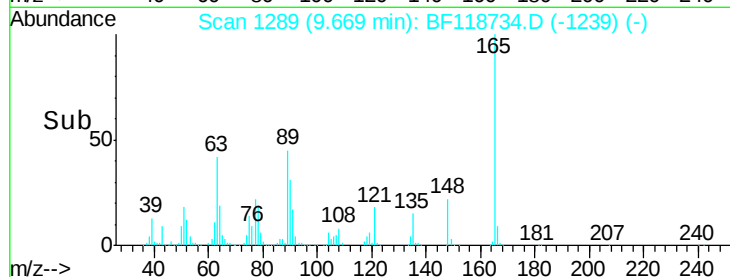
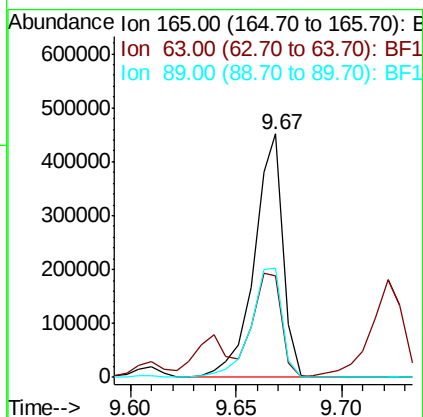
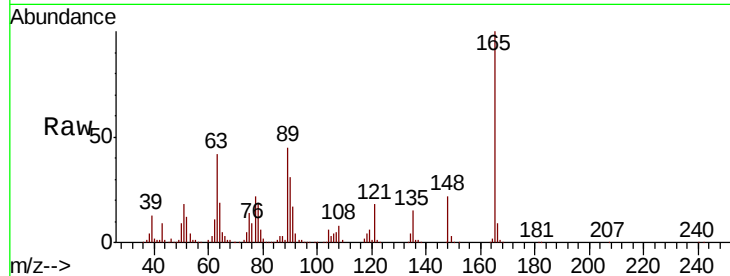
#51
2,6-Dinitrotoluene
Concen: 45.189 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	426339		
63	41.8		39.8	59.6
89	44.7		41.4	62.2

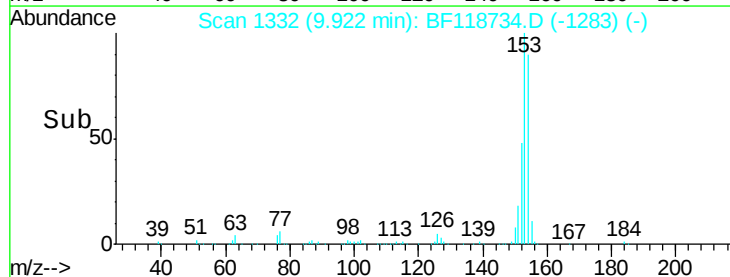
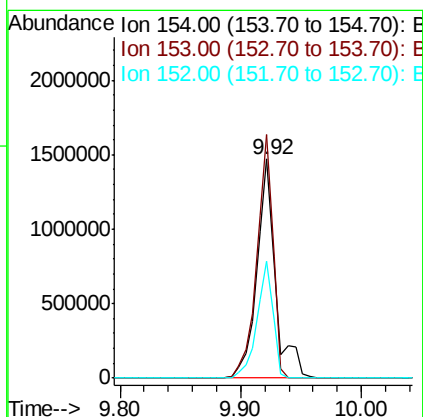
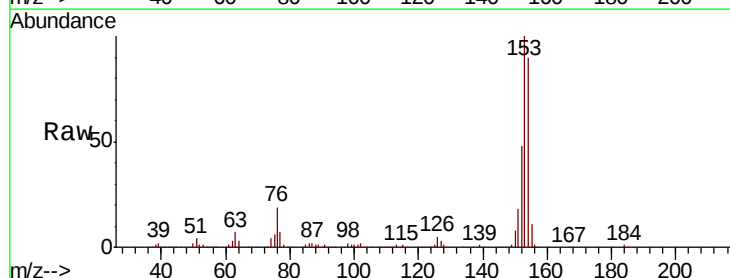
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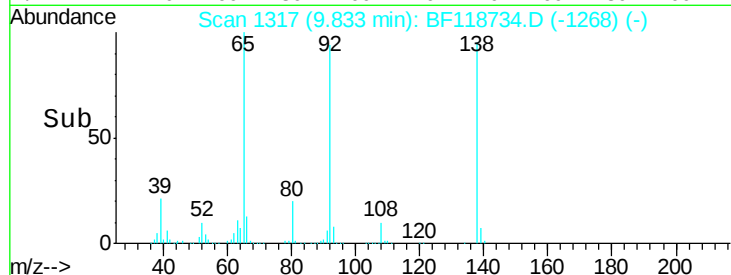
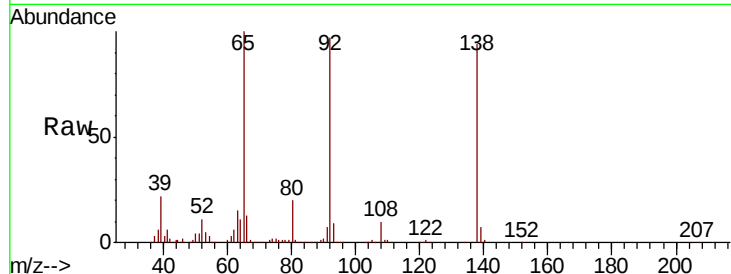
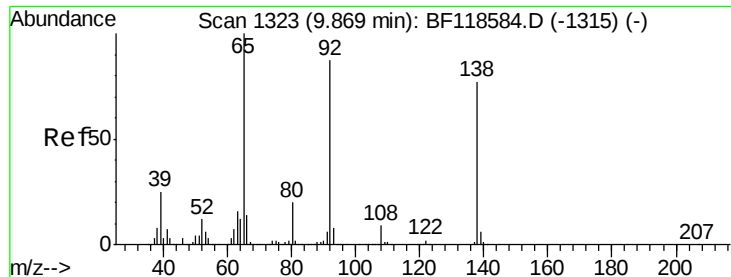
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#52
Acenaphthene
Concen: 44.892 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1586410		
153	111.3		89.1	133.7
152	53.6		43.0	64.6





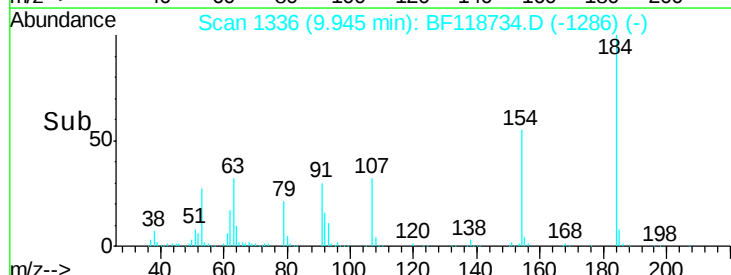
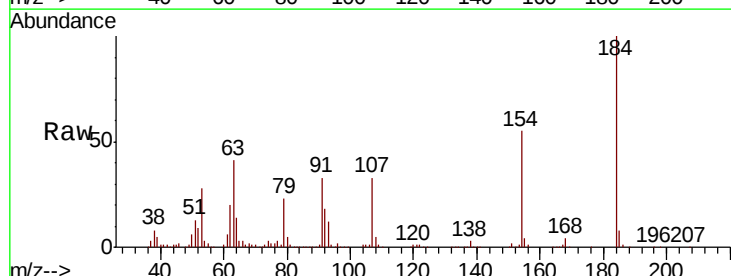
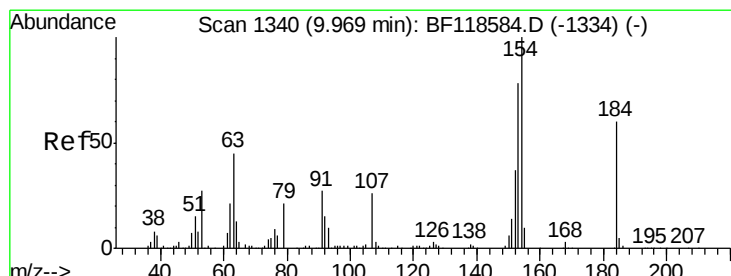
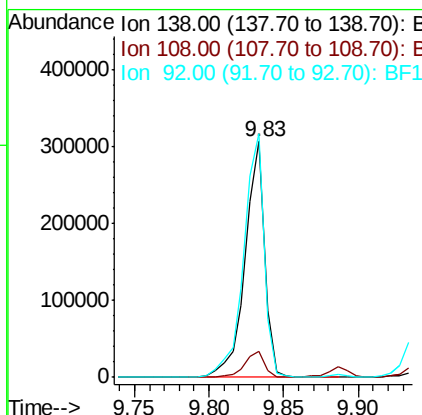
#53
3-Nitroaniline
Concen: 25.904 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tot Ion	Ratio	Resp	Lower	Upper
138	100	279064		
108	10.8		8.8	13.2
92	103.2		87.8	131.6

Instrument :
BNA_F
ClientSampleId :
PB126434BS

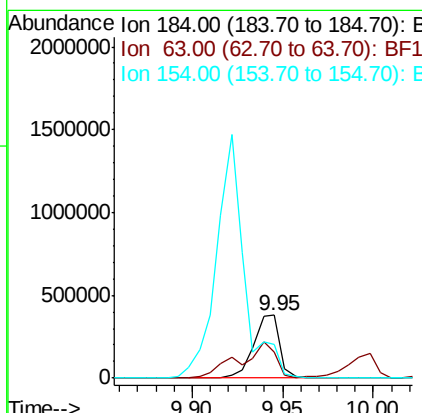
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#54
2,4-Dinitrophenol
Concen: 101.479 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	382218		
63	40.9		36.0	54.0
154	54.6		44.6	66.8





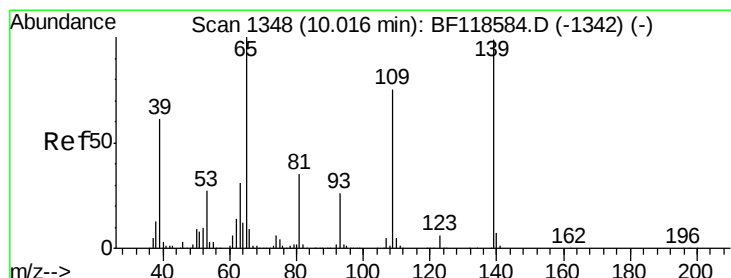
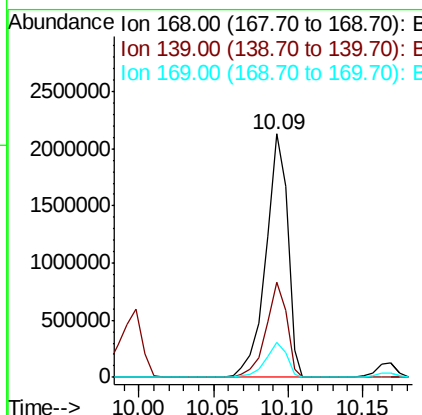
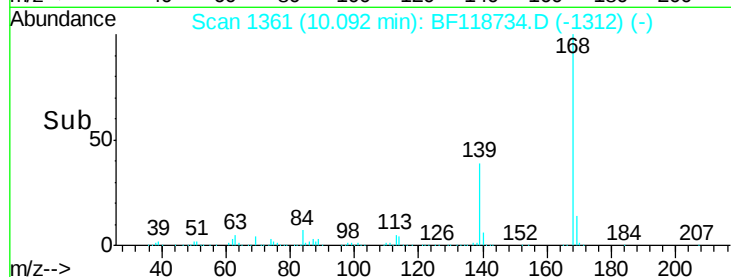
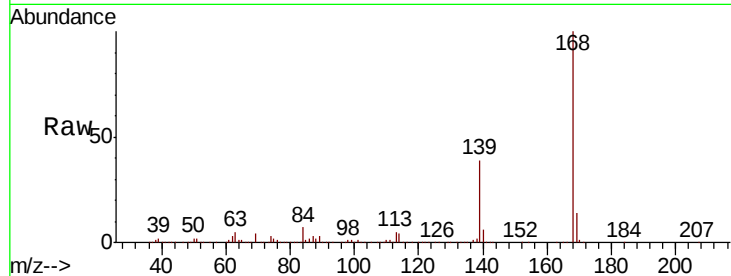
#55
Dibenzofuran
Concen: 43.606 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion:168 Resp: 2135447
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 14.4 11.4 17.0

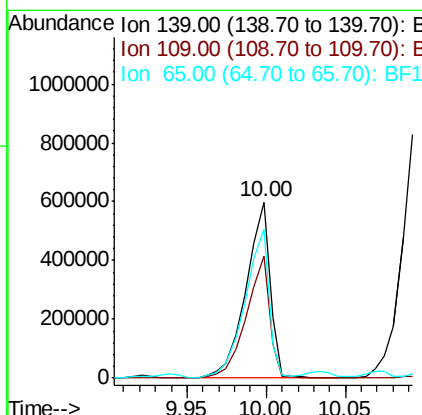
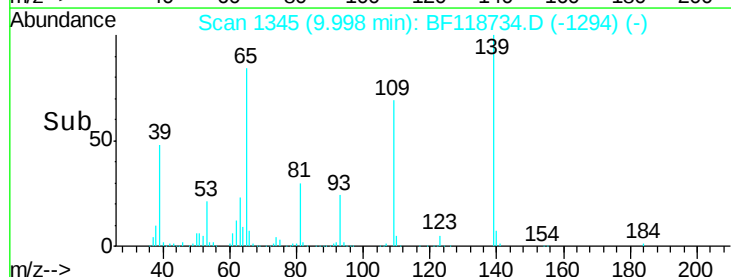
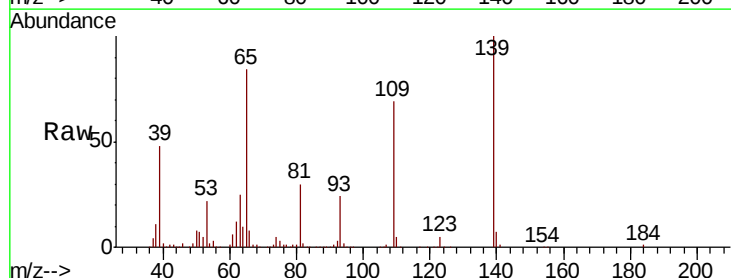
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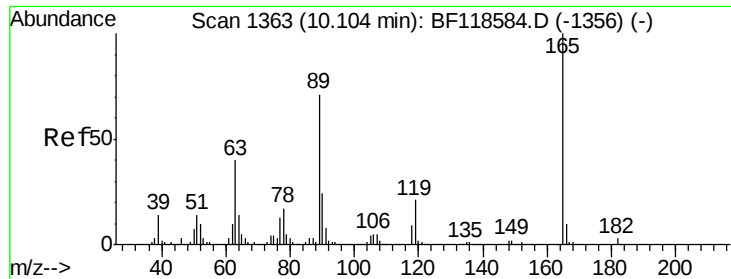
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#56
4-Nitrophenol
Concen: 77.986 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:139 Resp: 634220
Ion Ratio Lower Upper
139 100
109 69.3 47.0 87.0
65 84.4 65.7 105.7





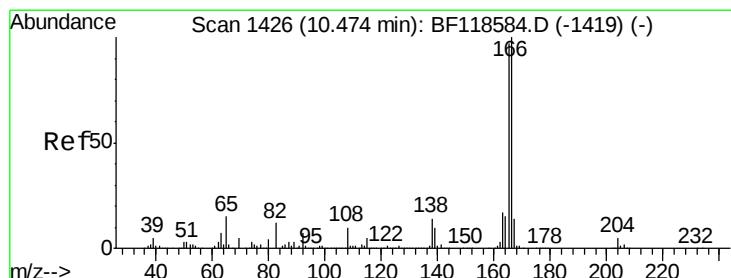
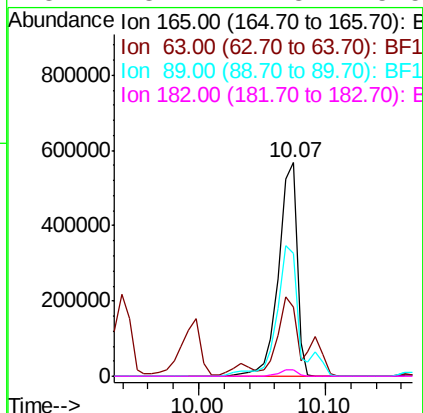
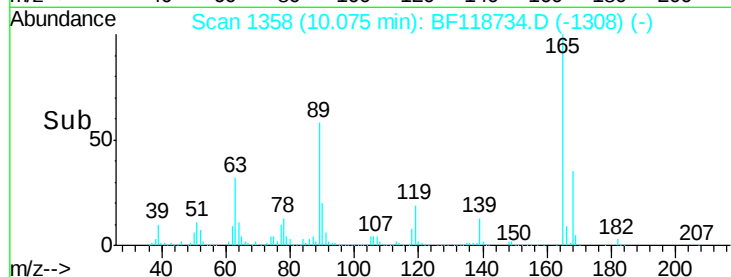
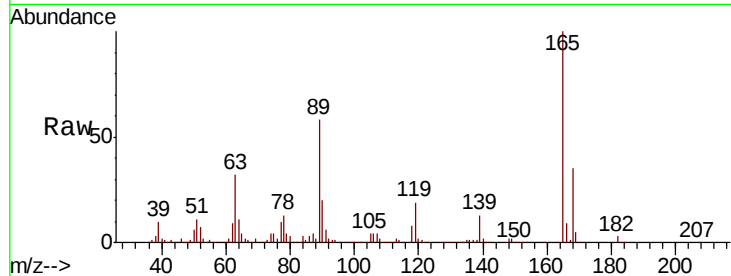
#57
2,4-Dinitrotoluene
Concen: 47.756 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		567983		
63	32.3	28.5	42.7		
89	57.6	50.4	75.6		
182	3.1	2.3	3.5		

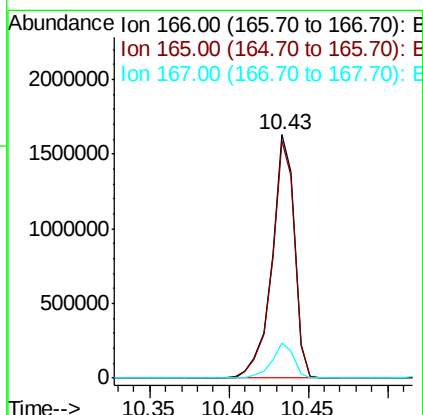
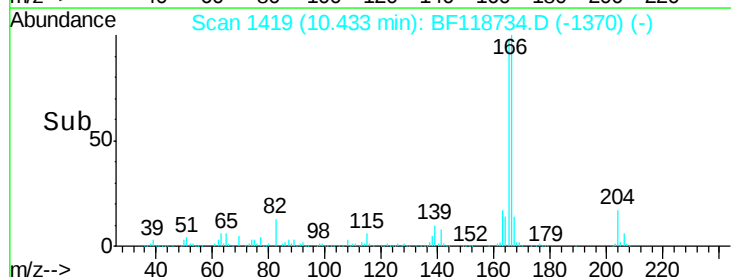
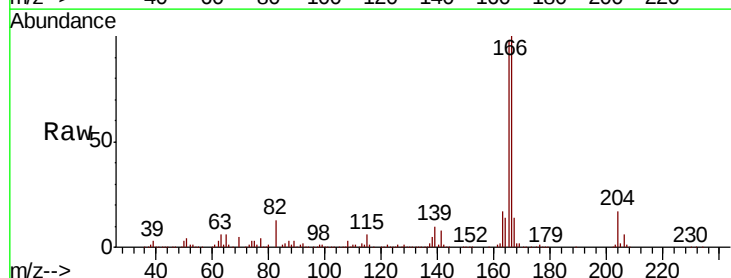
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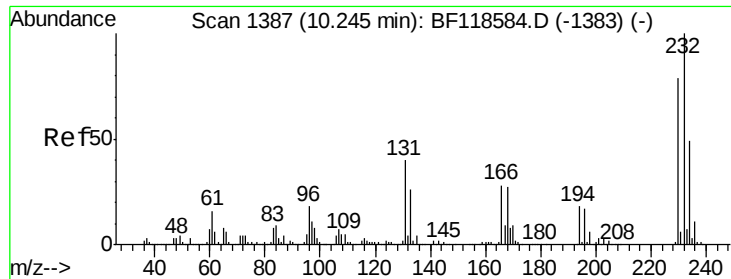
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#58
Fluorene
Concen: 41.896 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1610698		
165	97.6	78.6	118.0		
167	14.2	11.4	17.2		





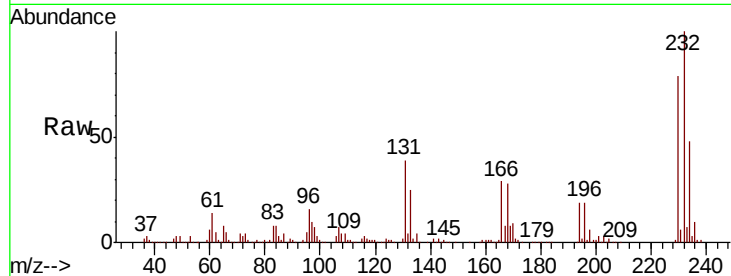
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.849 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

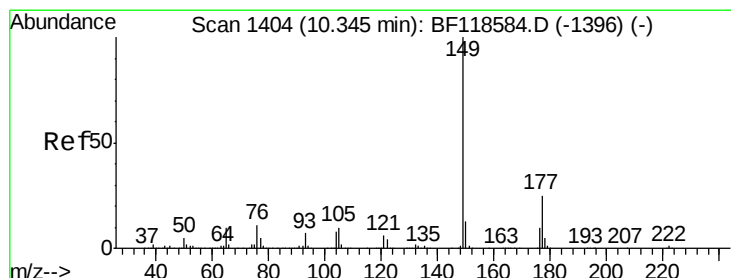
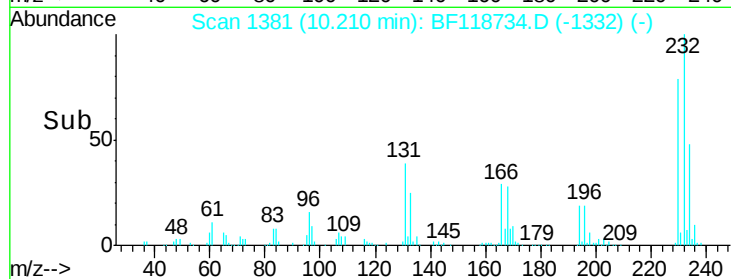
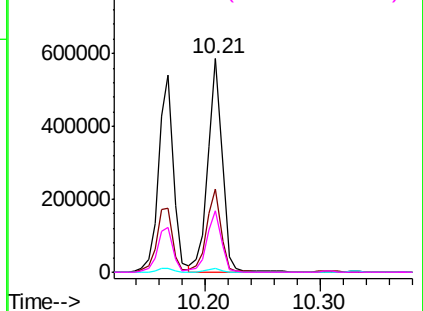
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.0	1.5	2.3
166	28.7	22.8	34.2

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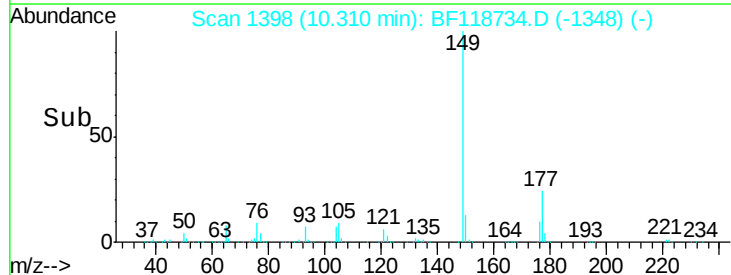
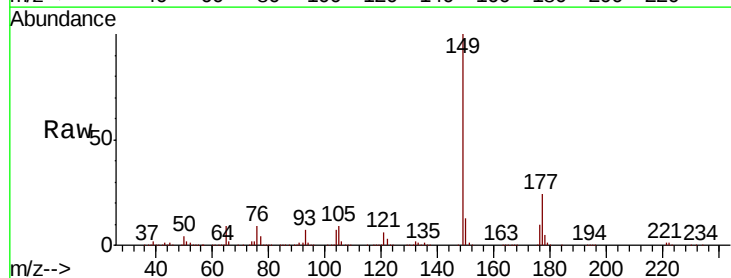
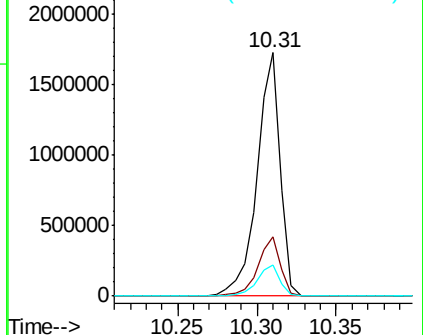
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

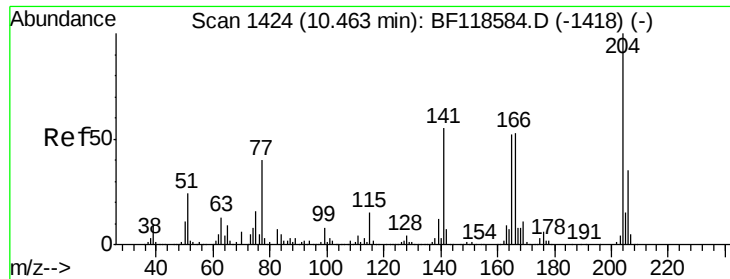


#60
 Diethylphthalate
 Concen: 42.852 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.8	10.5	15.7

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





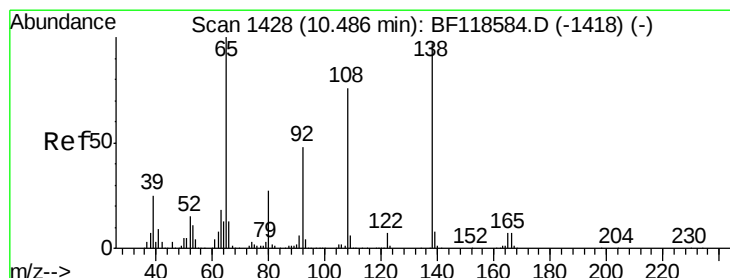
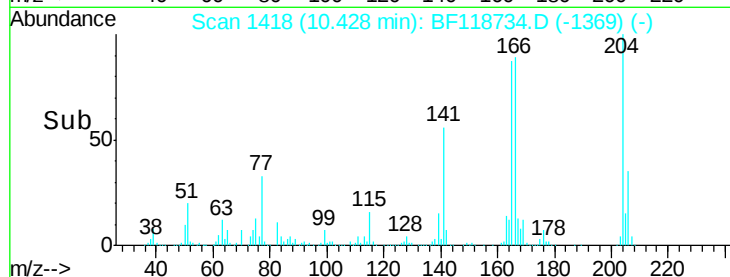
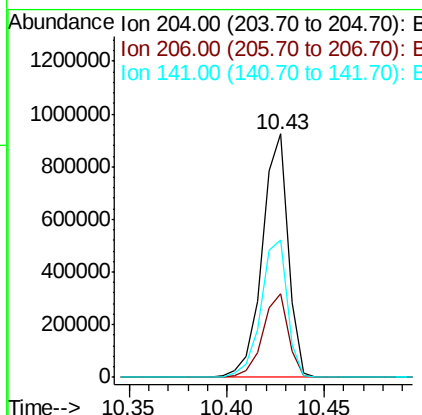
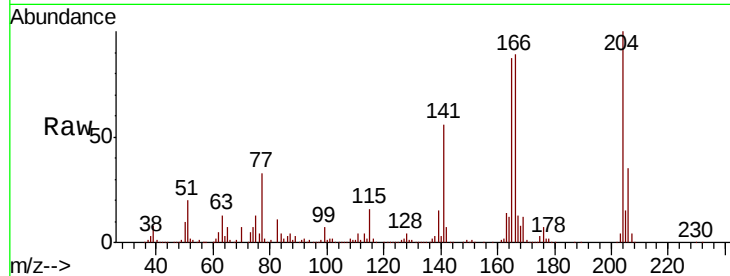
#61
4-Chlorophenyl-phenylether
Concen: 40.622 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.0	40.6
141	56.5	43.9	65.9

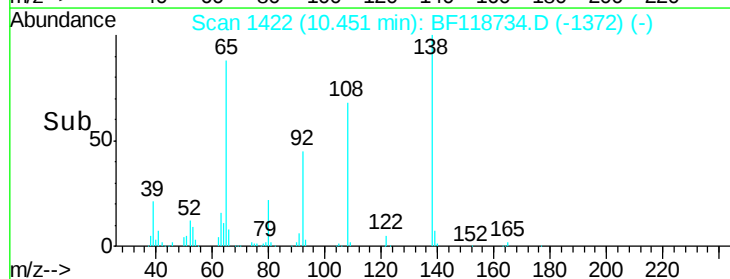
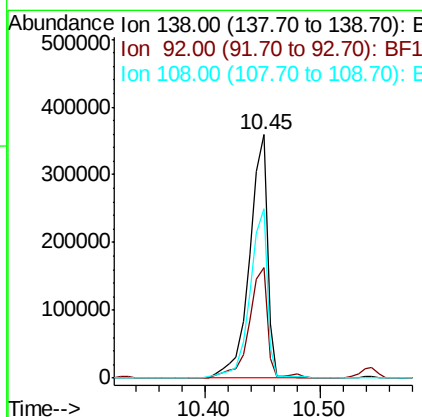
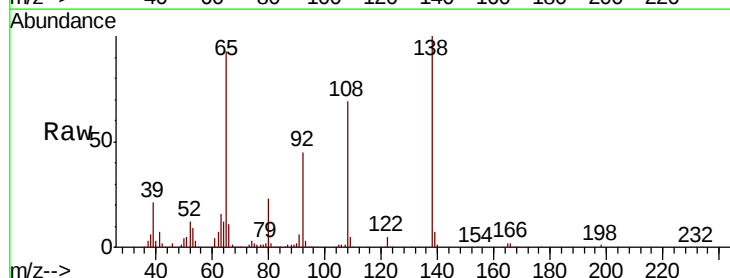
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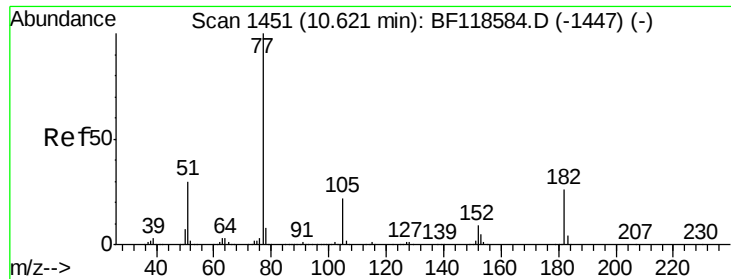
mohammad
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#62
4-Nitroaniline
Concen: 34.982 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	29.2	69.2
108	69.5	50.8	90.8





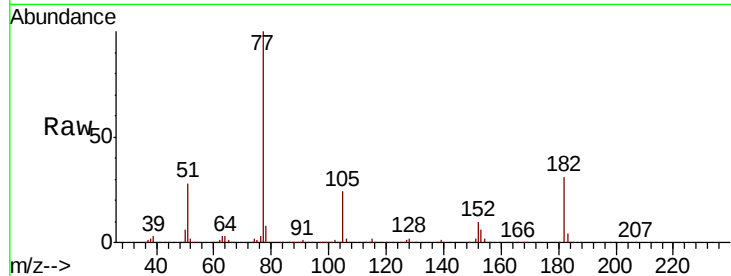
#63
Azobenzene
Concen: 38.601 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

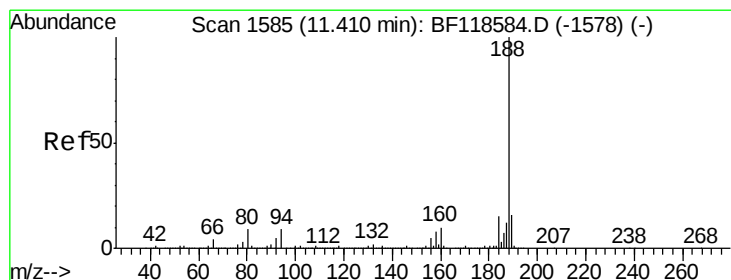
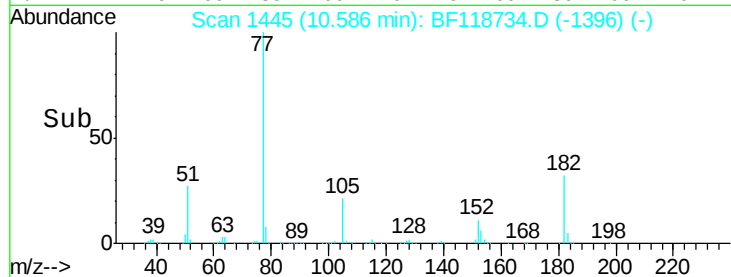
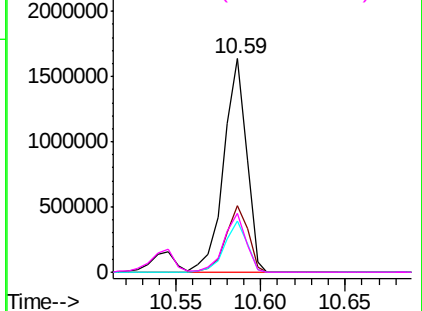
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.2	12.3	52.3
105	24.0	4.0	44.0
51	27.6	7.2	47.2

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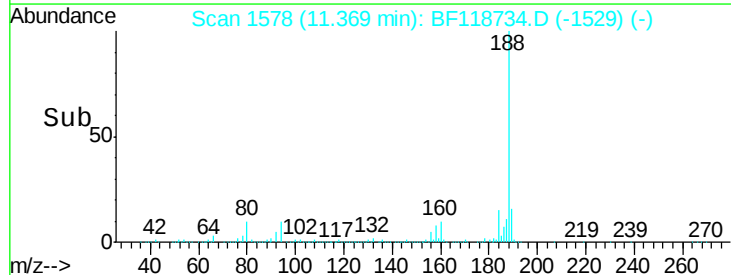
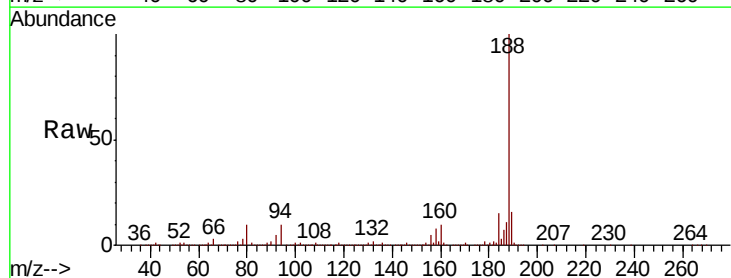
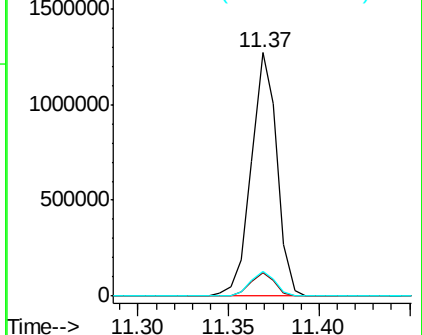
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

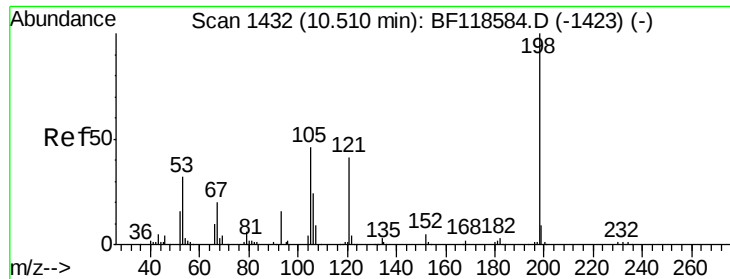


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.4	7.8	11.8

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





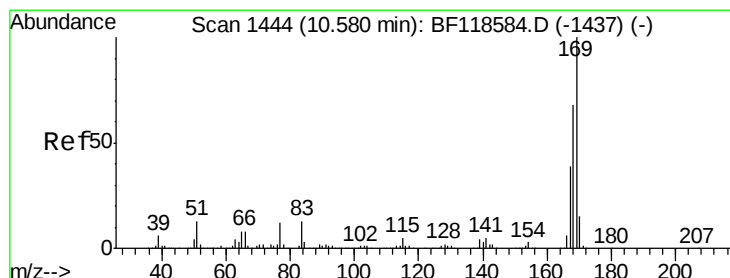
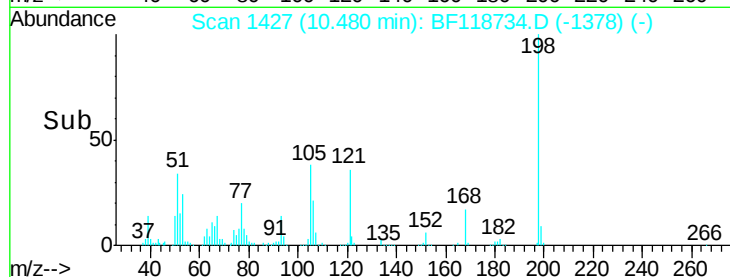
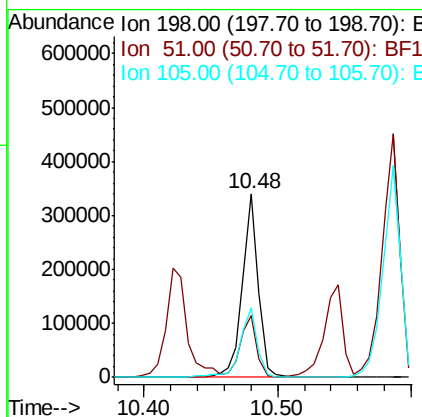
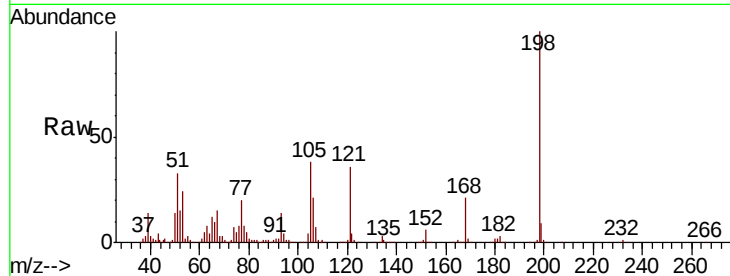
#65
4,6-Dinitro-2-methylphenol
Concen: 51.724 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	283931		
51	33.5	9.6	49.6	
105	37.9	15.5	55.5	

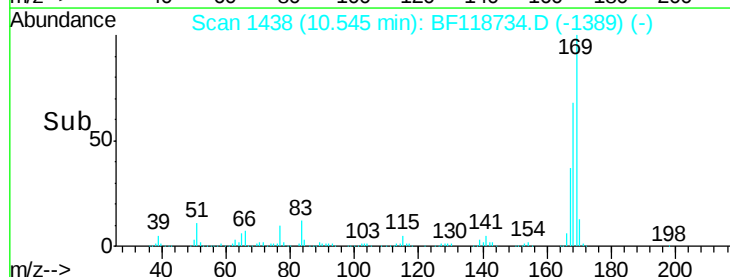
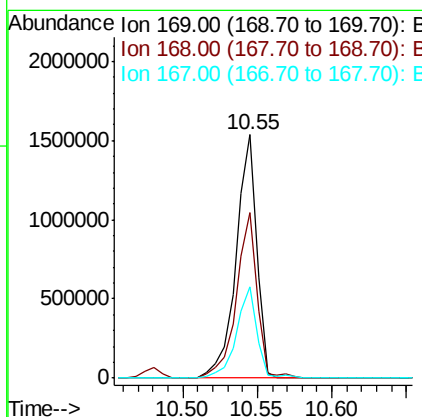
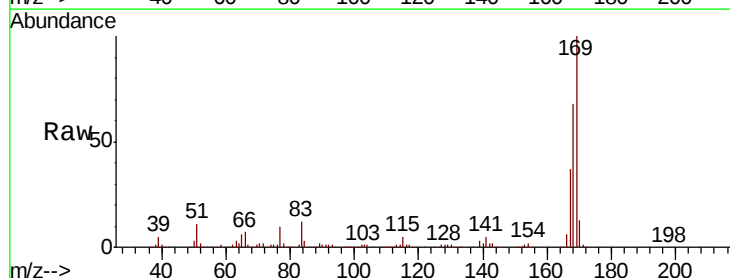
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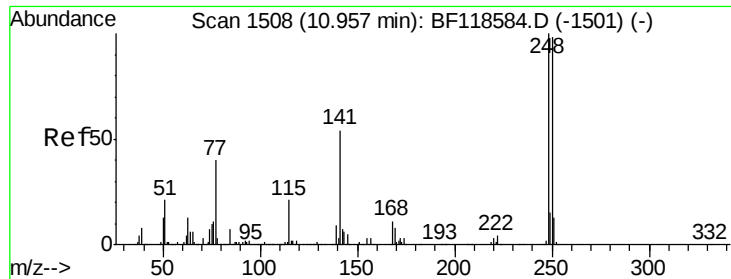
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#66
n-Nitrosodiphenylamine
Concen: 39.727 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1495648		
168	67.9	53.4	80.0	
167	37.3	29.2	43.8	





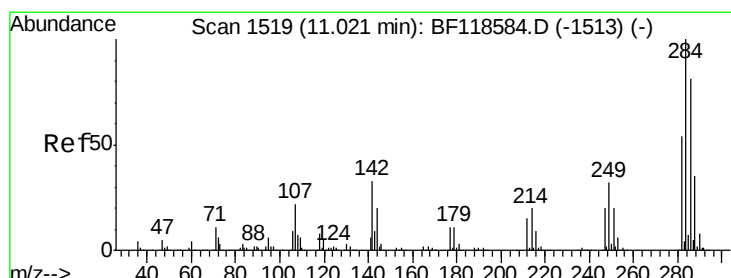
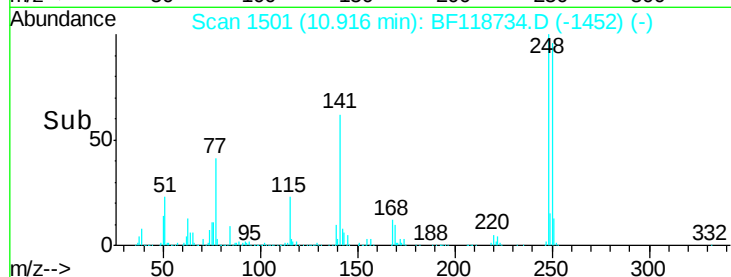
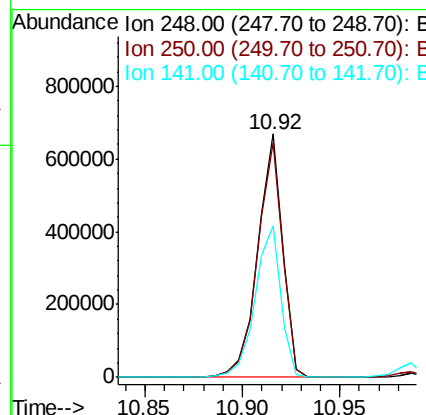
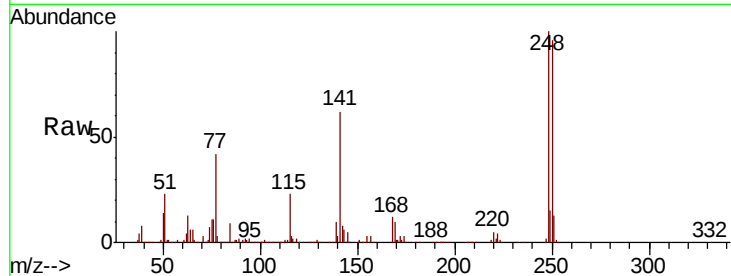
#67
4-Bromophenyl-phenylether
Concen: 38.283 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.7	118.1
141	62.4	48.4	72.6

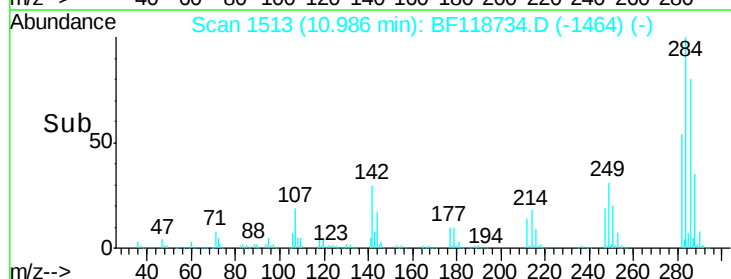
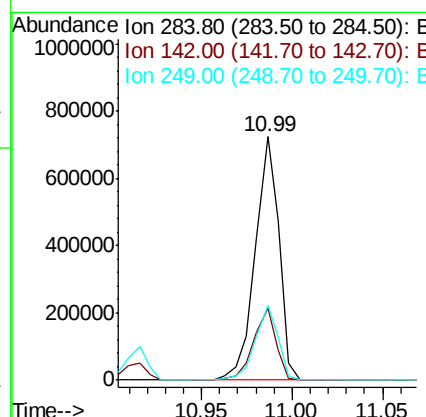
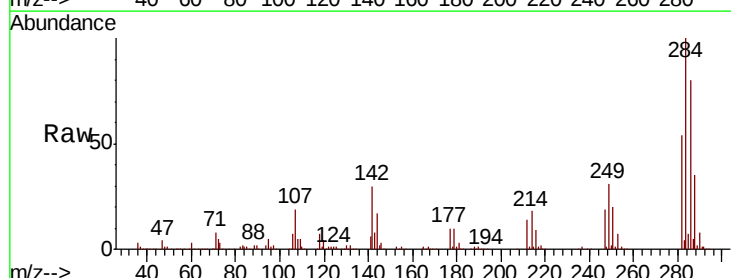
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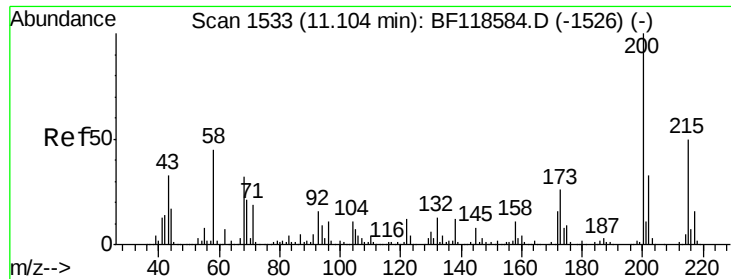
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#68
Hexachlorobenzene
Concen: 37.526 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.1	34.7
249	30.9	24.0	36.0





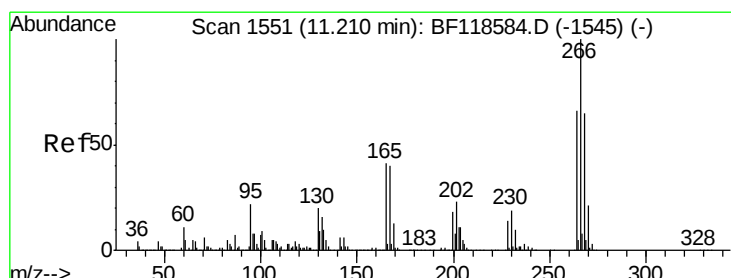
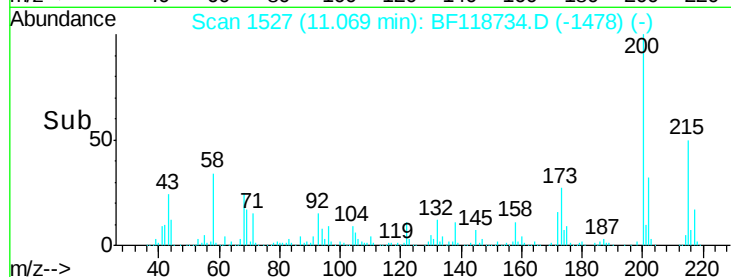
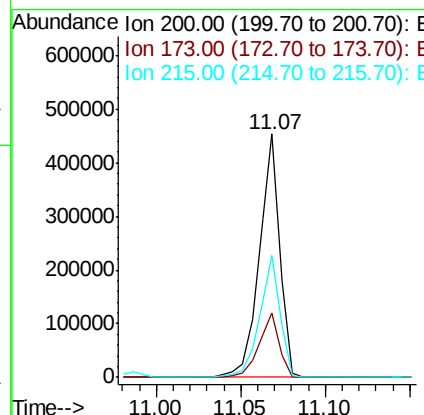
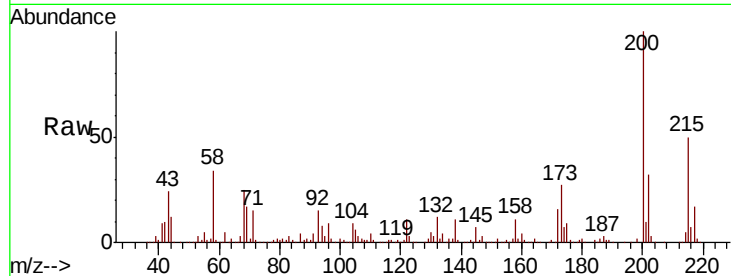
#69
 Atrazine
 Concen: 29.430 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.8	46.8
215	50.3	30.4	70.4

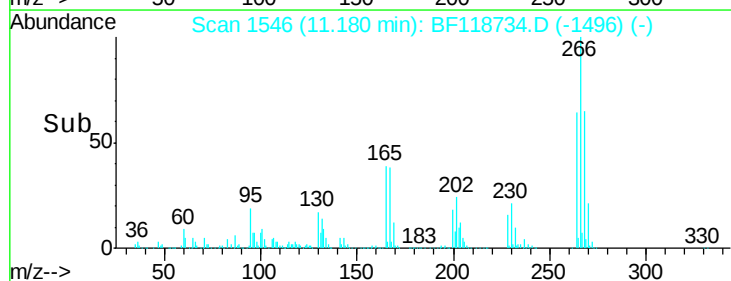
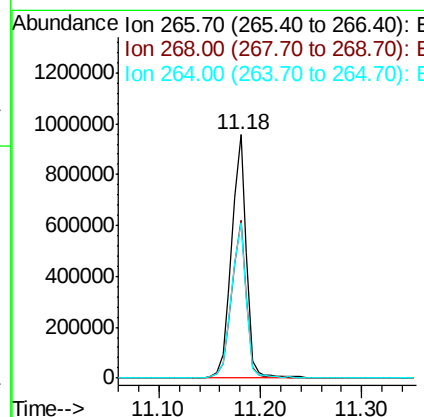
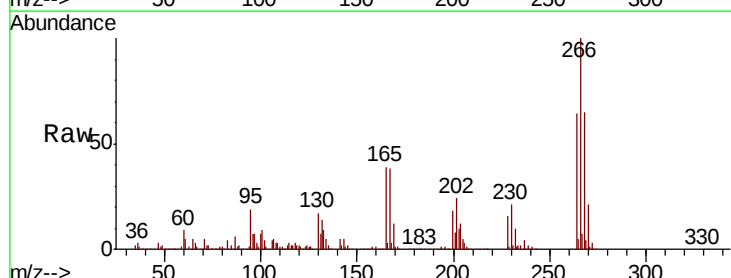
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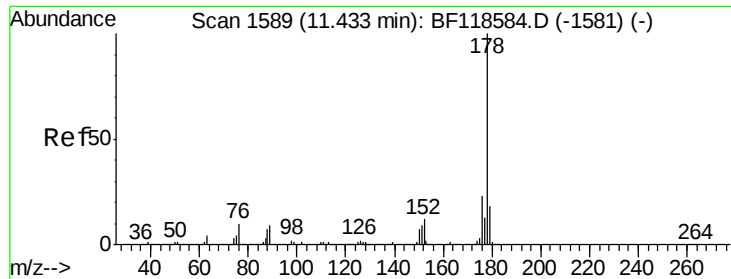
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#70
 Pentachlorophenol
 Concen: 101.370 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	51.6	77.4
264	63.8	50.9	76.3





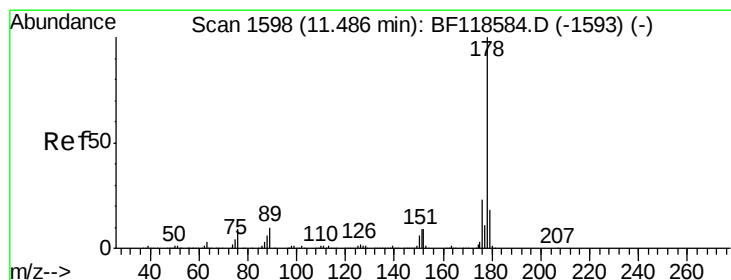
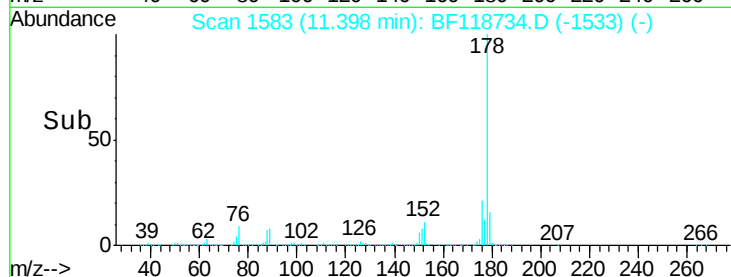
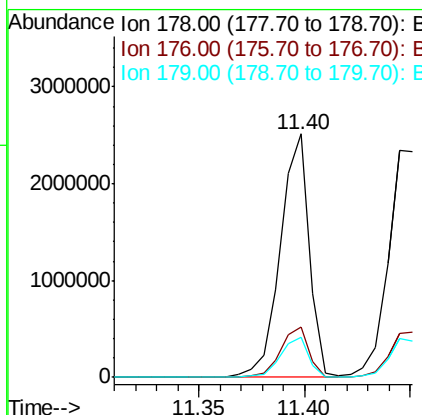
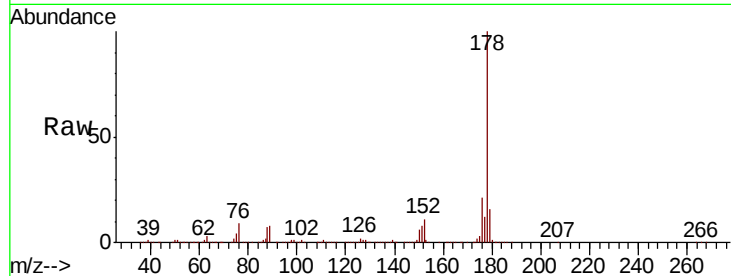
#71
Phenanthrene
Concen: 39.859 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion:178 Resp: 2400553
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.4 13.3 19.9

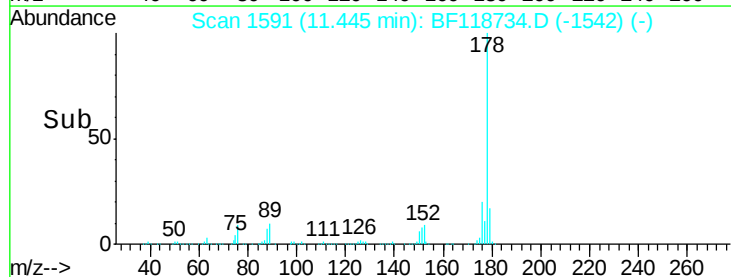
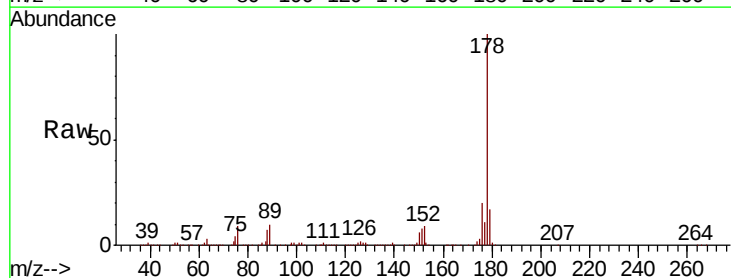
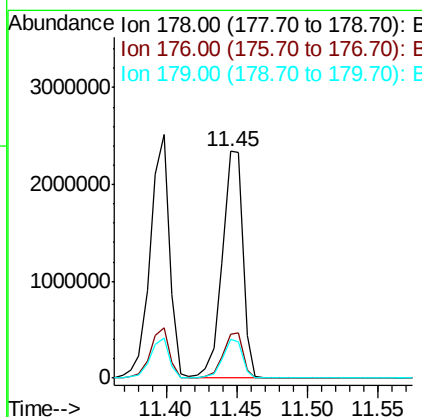
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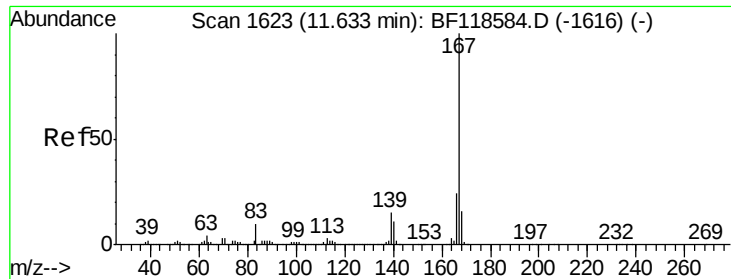
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#72
Anthracene
Concen: 40.058 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion:178 Resp: 2387171
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.9 13.3 19.9





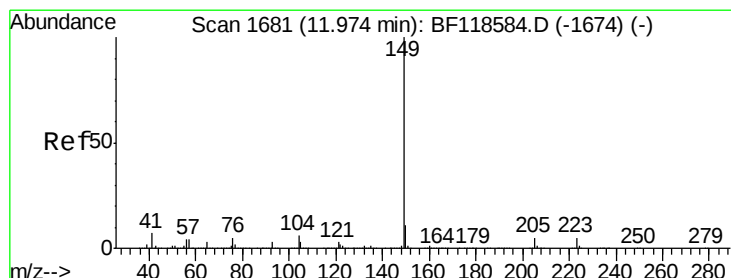
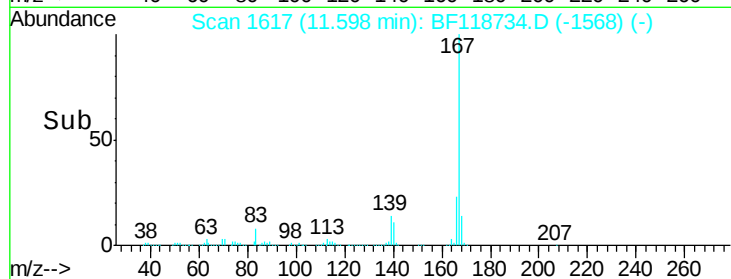
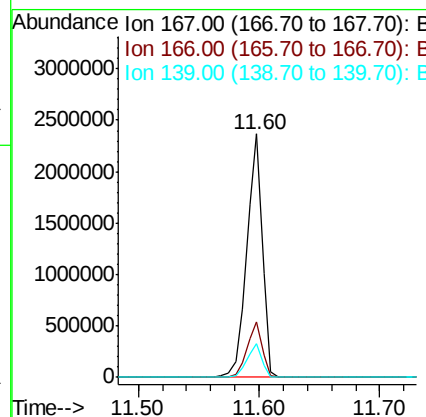
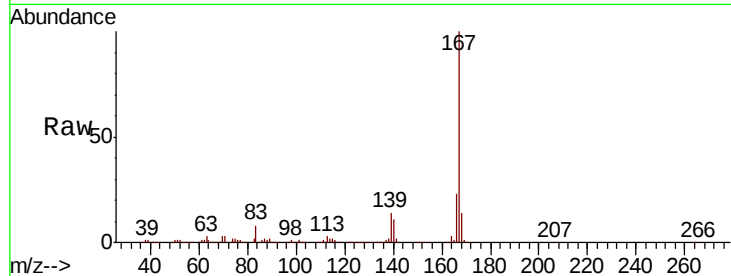
#73
 Carbazole
 Concen: 38.854 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	13.7	11.0	16.4

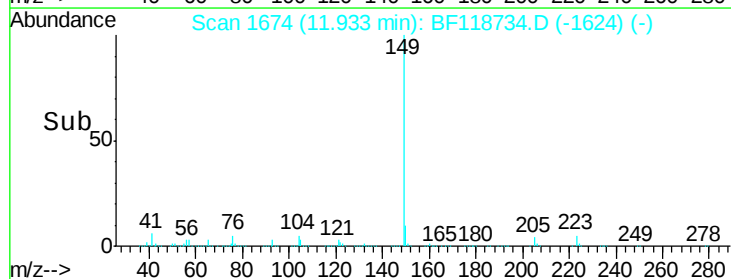
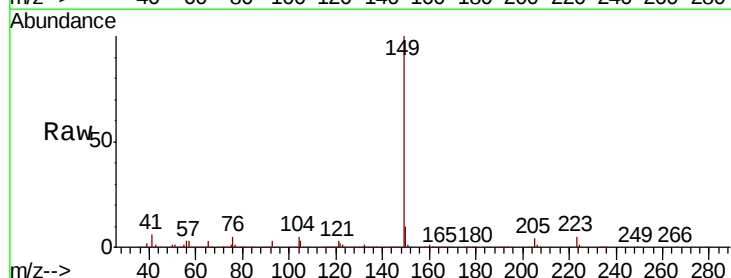
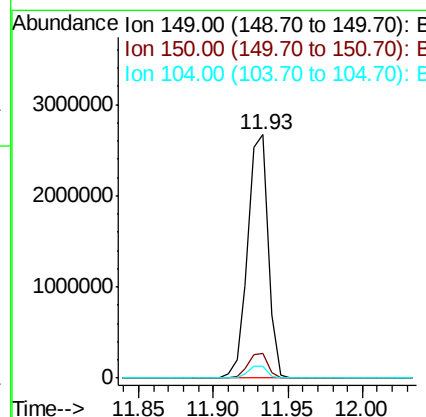
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#74
 Di-n-butylphthalate
 Concen: 41.797 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 39.753 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

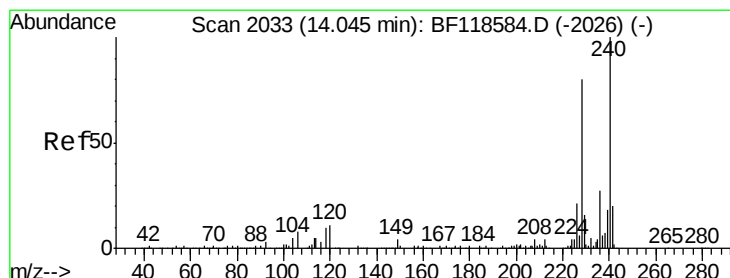
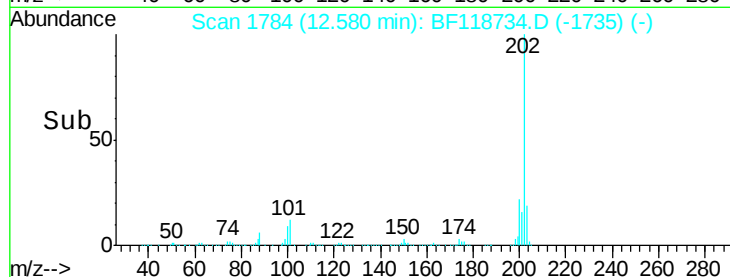
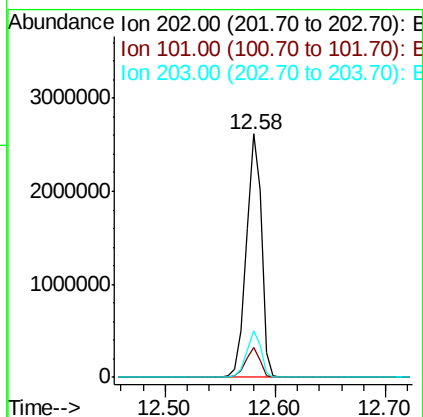
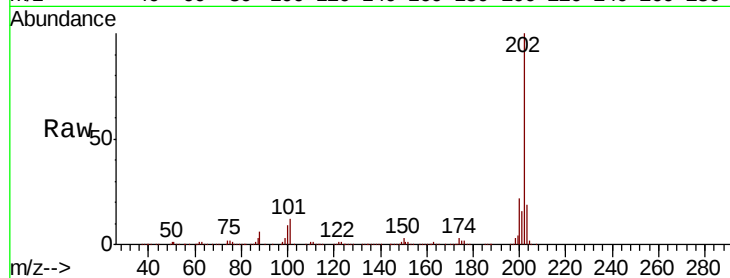
ClientSampleId :

PB126434BS

Tot Ion:	202	Resp:	2525150
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.1
203	19.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

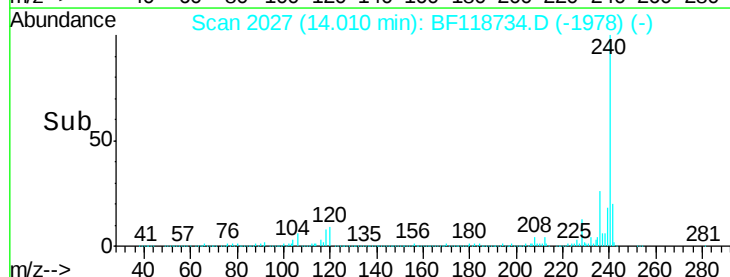
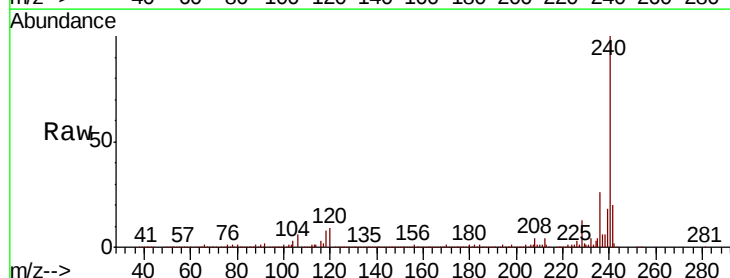
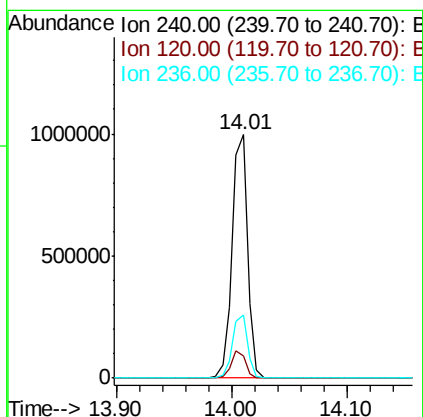
RT: 14.01 min Scan# 2027

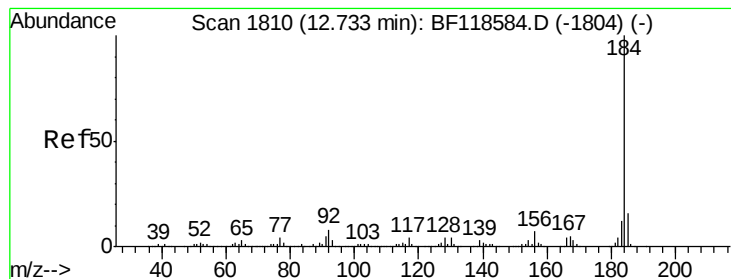
Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:	240	Resp:	921970
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.6	11.4
236	25.8	21.0	31.4





#77

Benzidine

Concen: 16.854 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

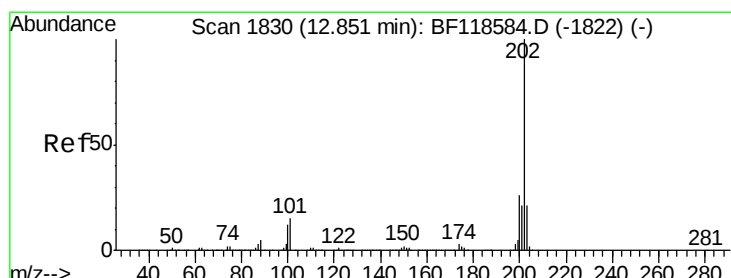
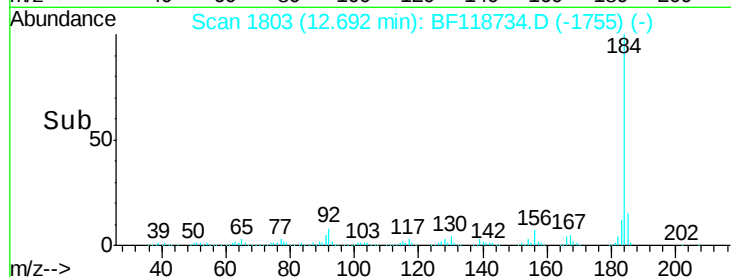
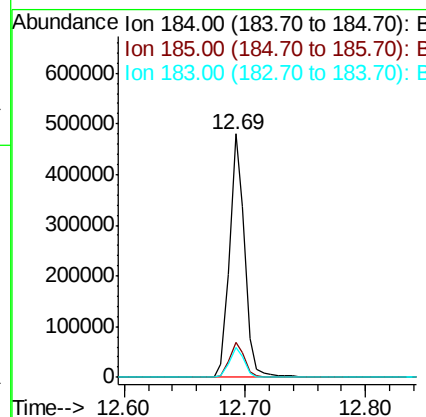
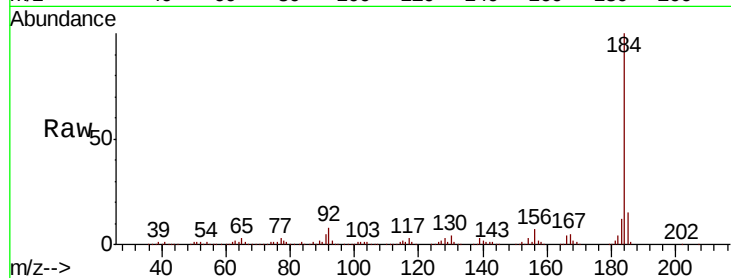
ClientSampleId :

PB126434BS

Tot Ion:	184	Resp:	415196
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.2	9.7	14.5

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#78

Pyrene

Concen: 39.908 ng

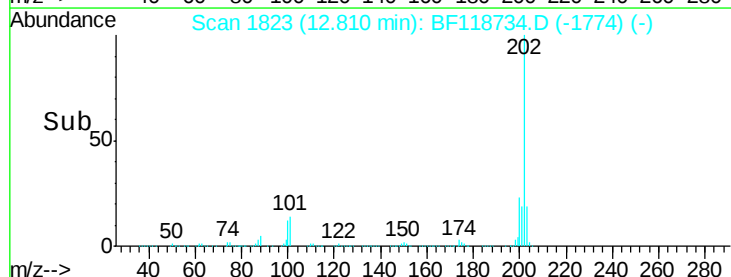
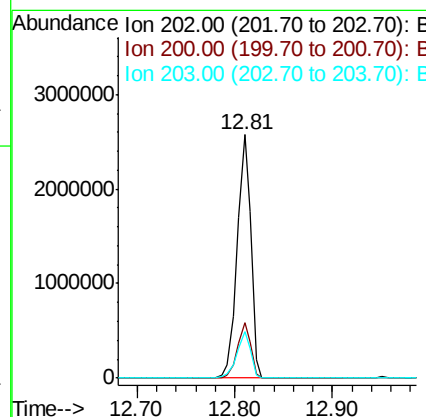
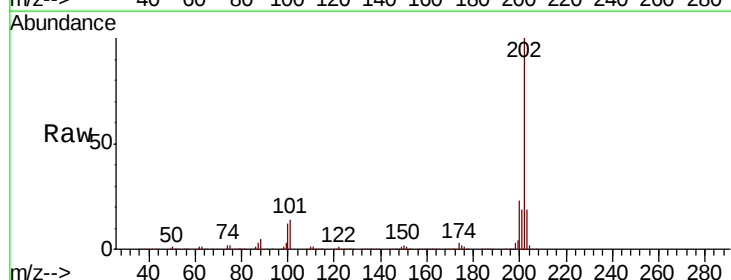
RT: 12.81 min Scan# 1823

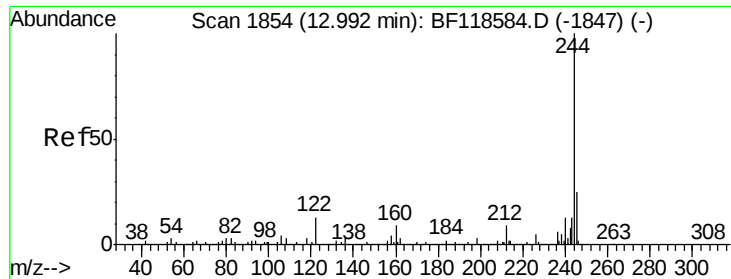
Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Tgt Ion:	202	Resp:	2498000
Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.1	27.1
203	19.1	15.2	22.8





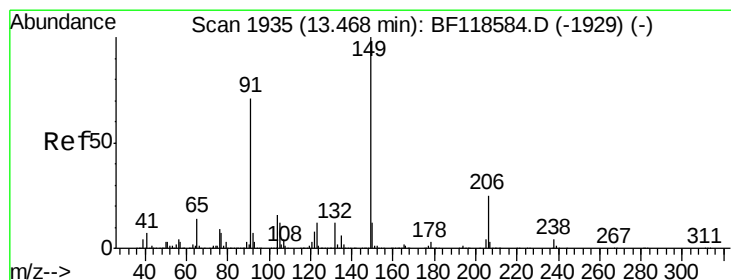
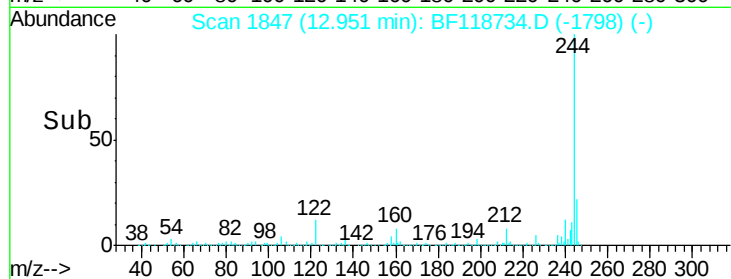
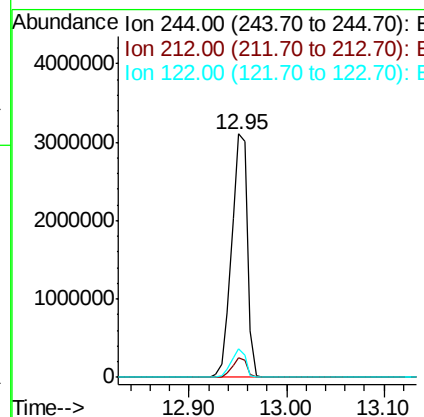
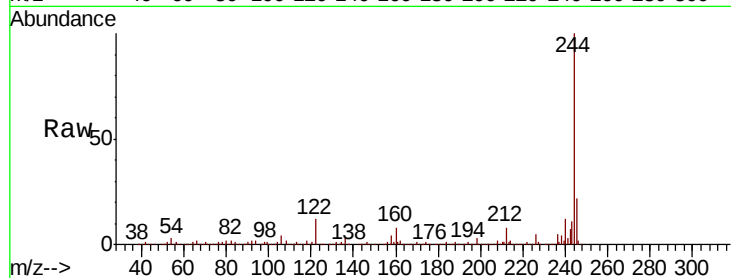
#79
 Terphenyl-d14
 Concen: 81.993 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Tot Ion:244 Resp: 3465923
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 11.7 9.2 13.8

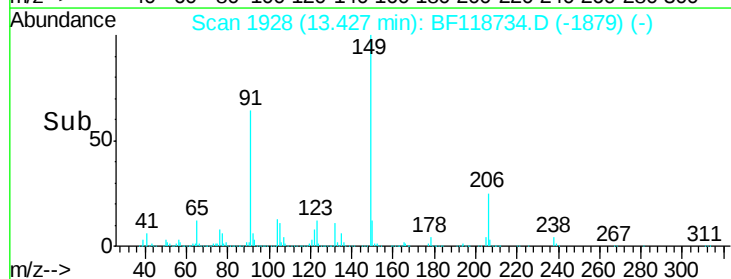
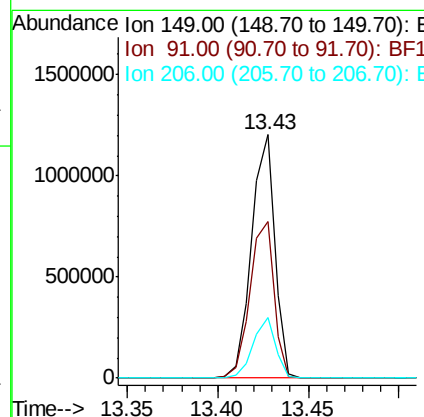
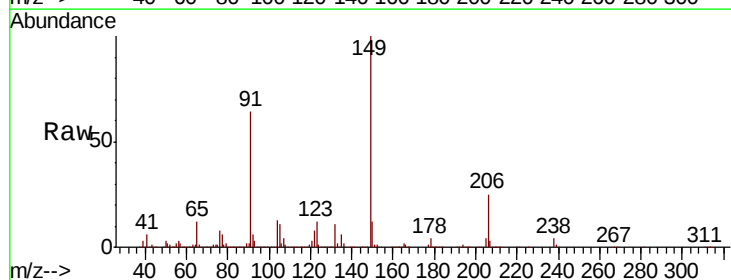
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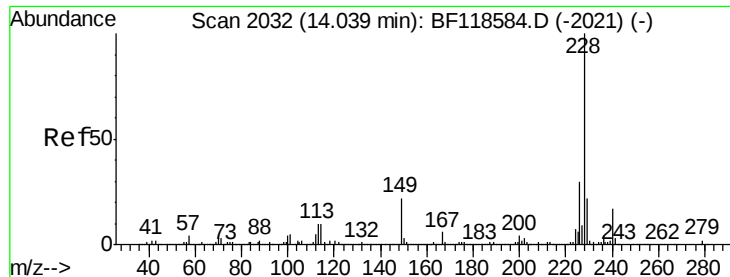
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#80
 Butylbenzylphthalate
 Concen: 42.044 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion:149 Resp: 1077056
 Ion Ratio Lower Upper
 149 100
 91 64.5 49.6 74.4
 206 24.7 19.9 29.9





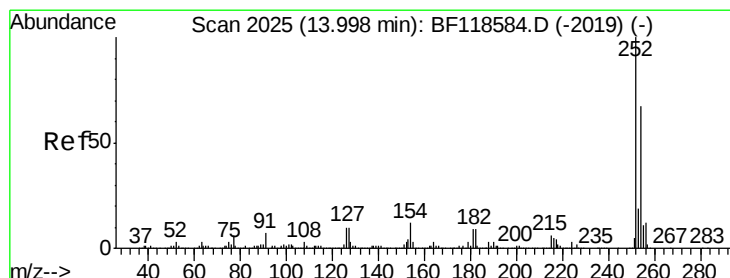
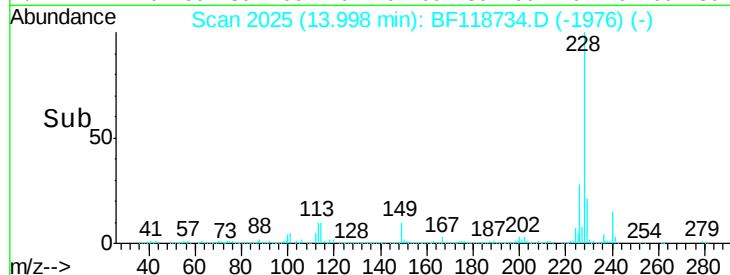
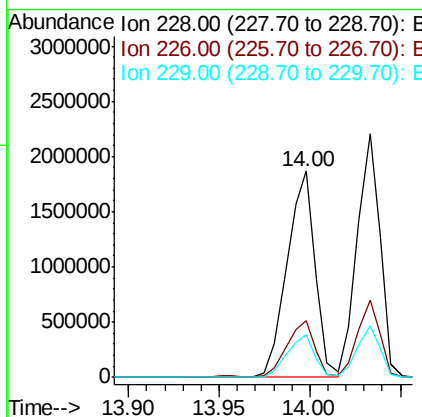
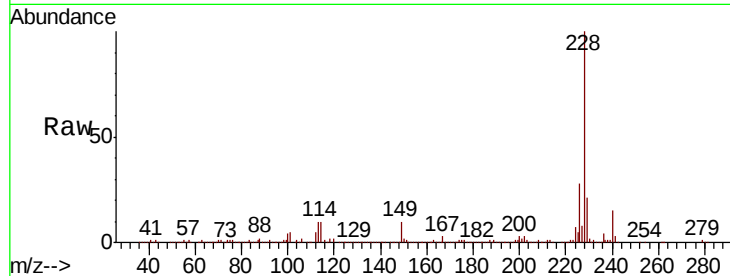
#81
Benzo(a)anthracene
Concen: 36.626 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.6	16.6	25.0

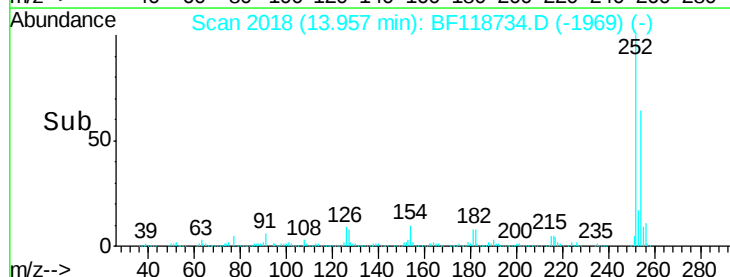
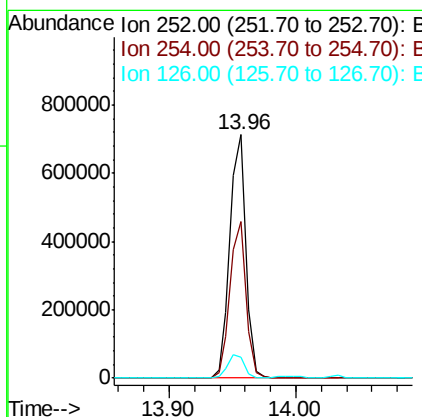
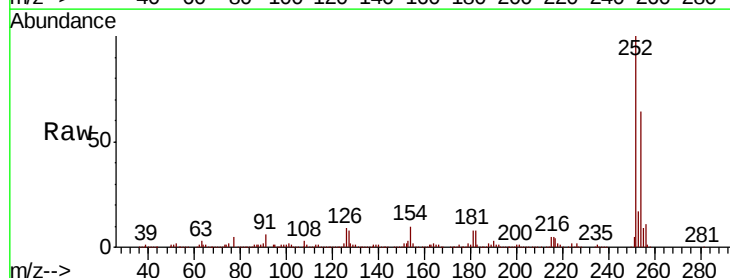
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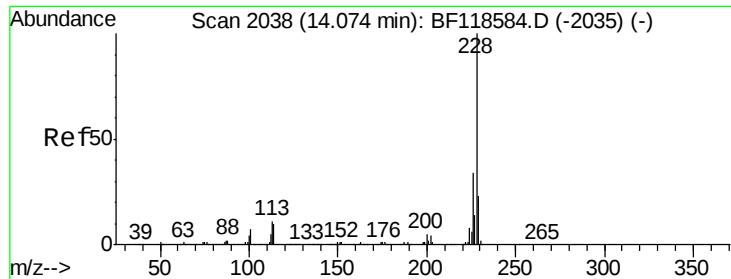
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#82
3,3'-Dichlorobenzidine
Concen: 31.568 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	8.6	8.1	12.1





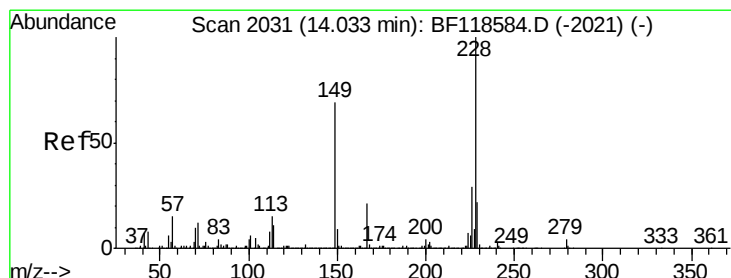
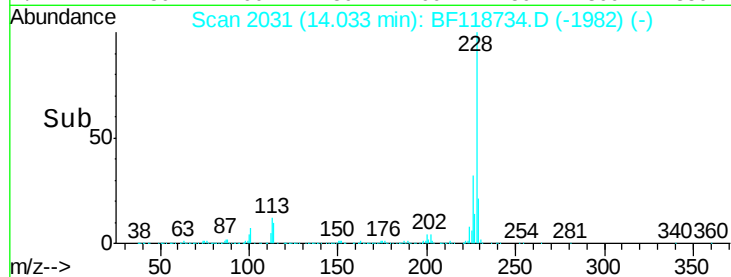
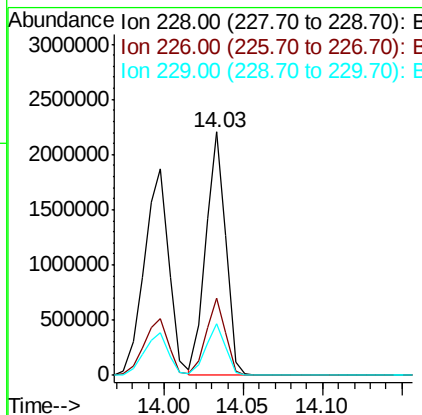
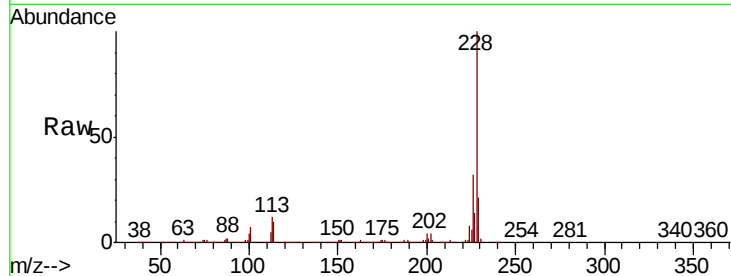
#83
 Chrvsene
 Concen: 36.495 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126434BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.0	17.1	25.7

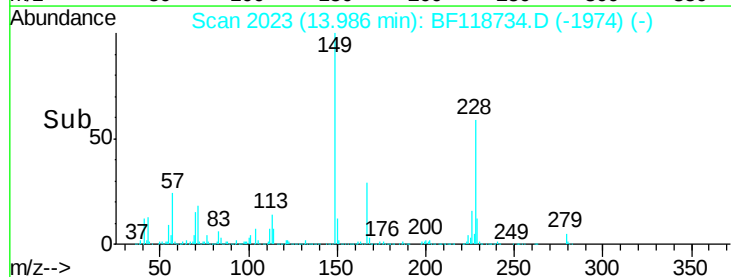
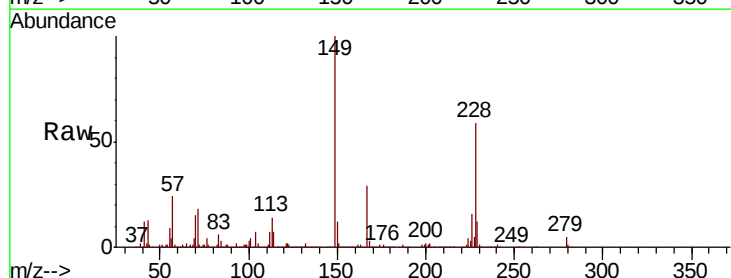
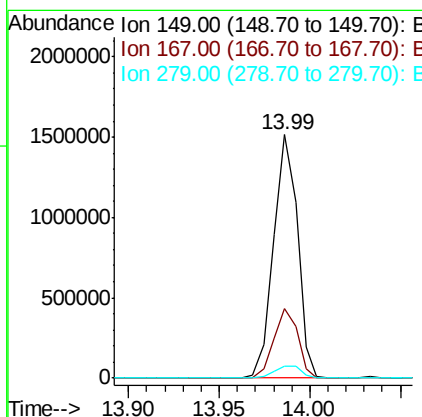
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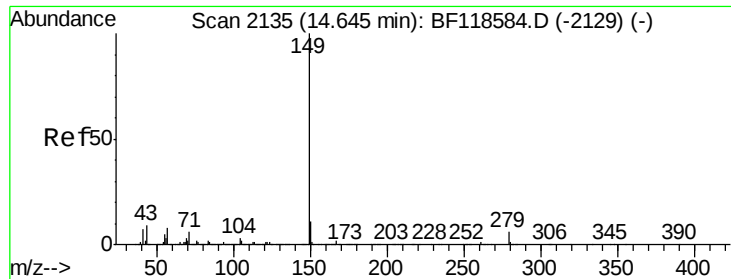
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.615 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118734.D
 Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.6	35.4
279	5.1	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 47.929 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PB126434BS

Tot Ion:149 Resp: 2220338

Ion Ratio Lower Upper

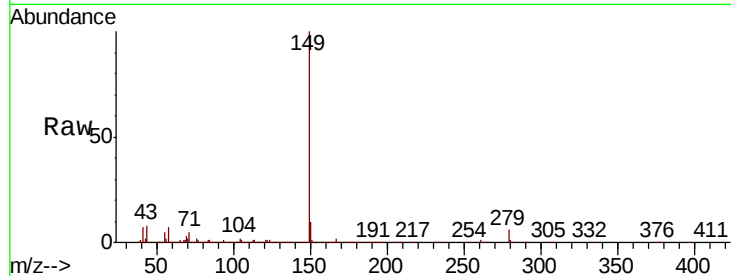
149 100

167 1.7 1.4 2.0

43 8.2 6.6 10.0

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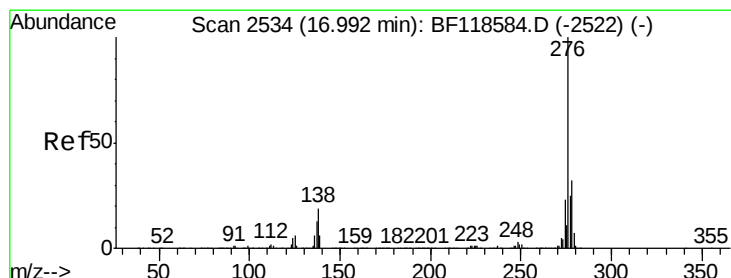
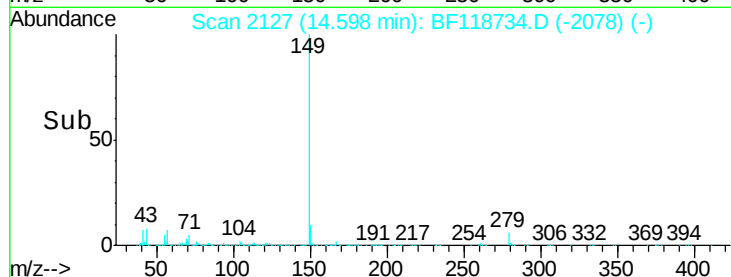
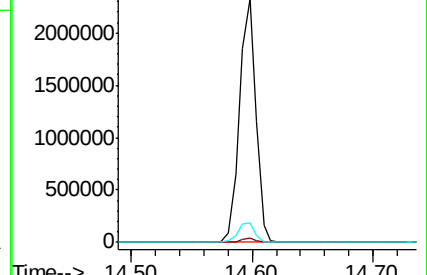
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.567 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118734.D

Acq: 29 Jan 2020 16:32

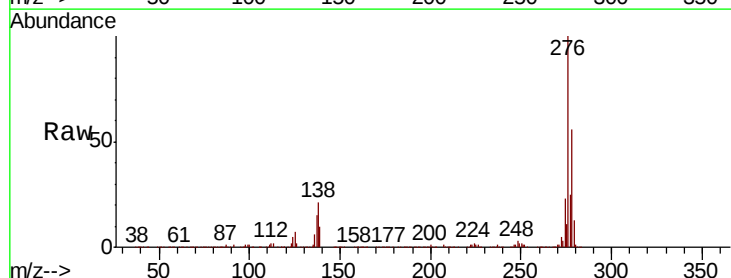
Tgt Ion:276 Resp: 2058342

Ion Ratio Lower Upper

276 100

138 23.1 18.2 27.4

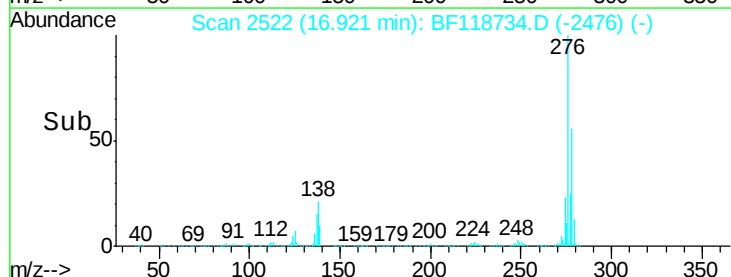
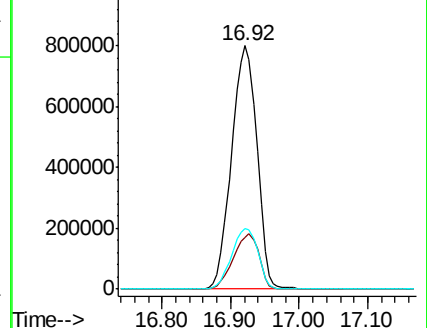
277 25.8 20.4 30.6

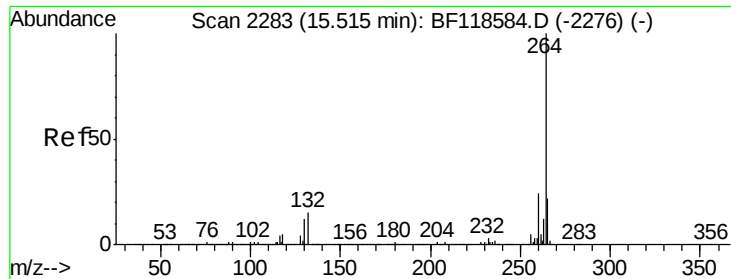


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





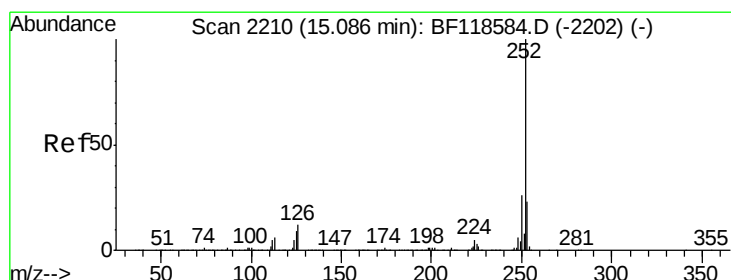
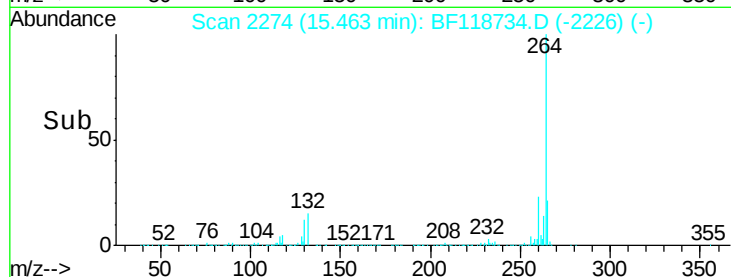
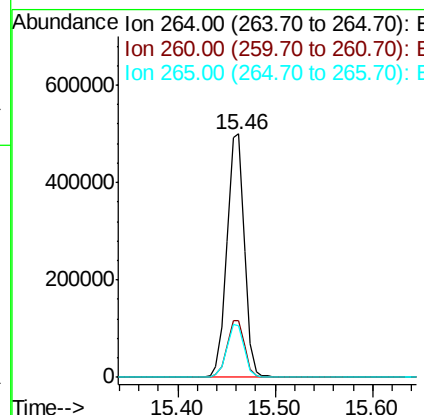
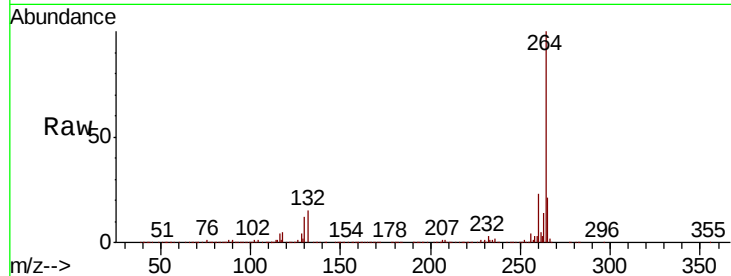
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.0	25.6

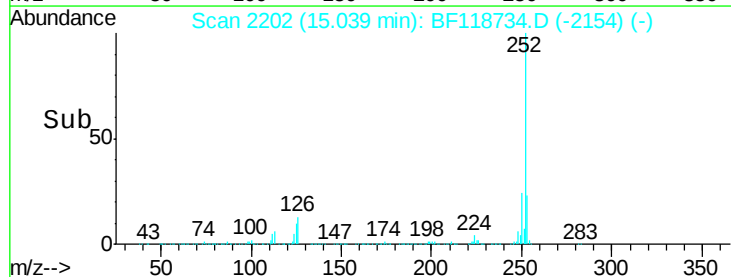
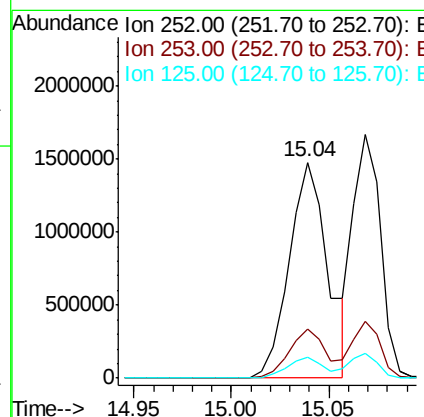
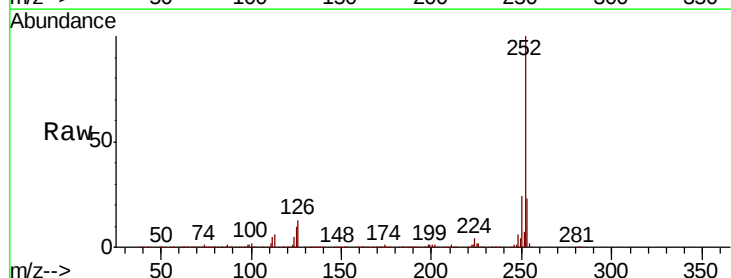
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#88
Benzo(b)fluoranthene
Concen: 52.172 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.8	7.7	11.5





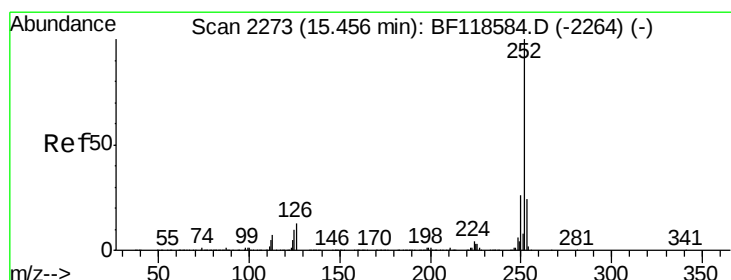
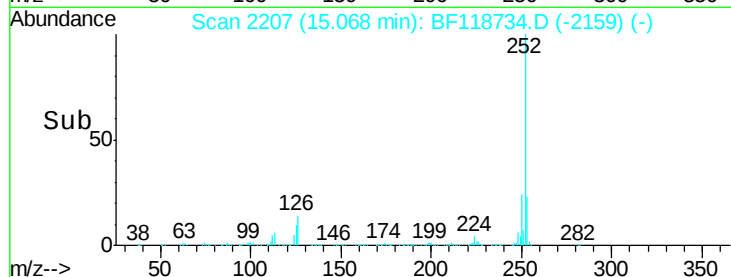
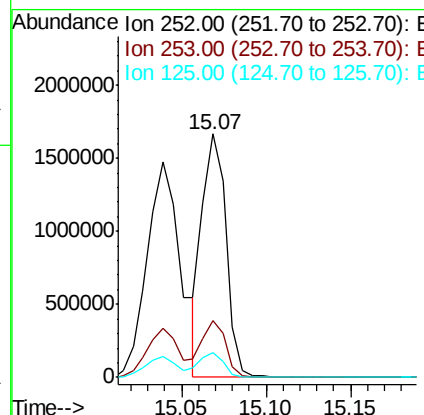
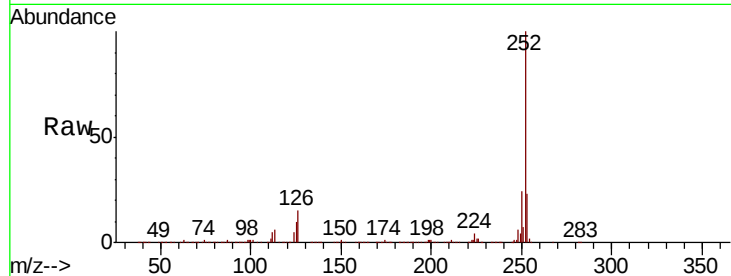
#89
Benzo(k)fluoranthene
Concen: 45.252 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.4	8.1	12.1

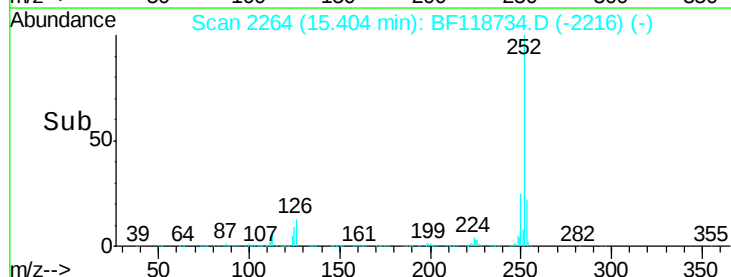
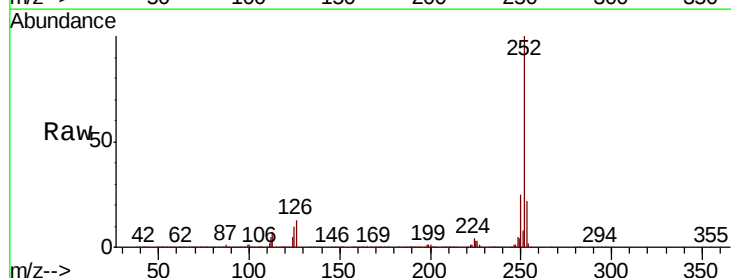
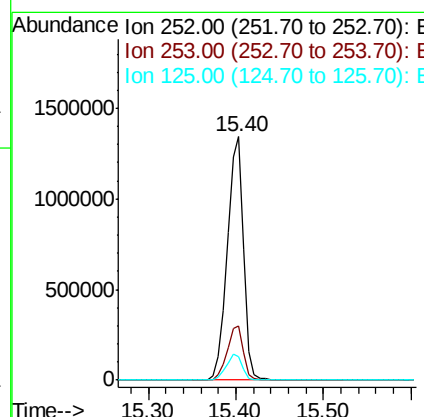
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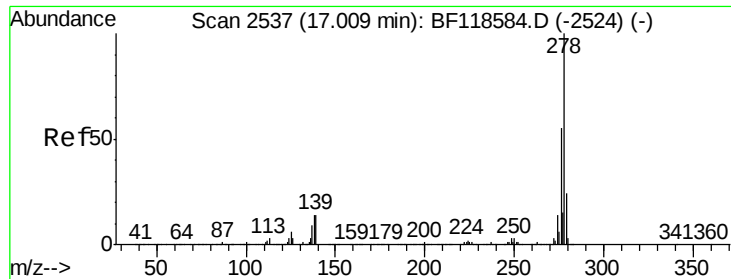
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#90
Benzo(a)pyrene
Concen: 51.287 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.6	8.3	12.5





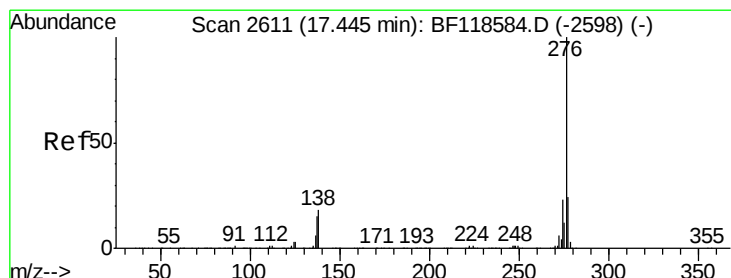
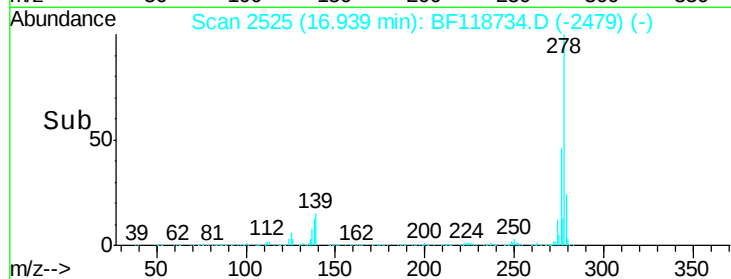
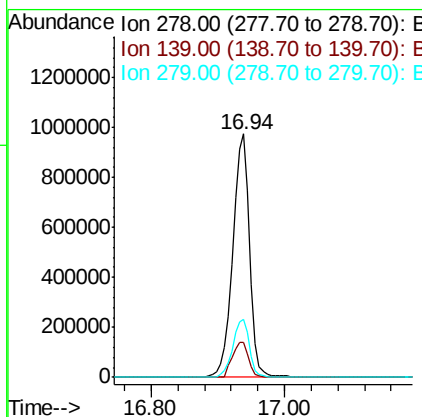
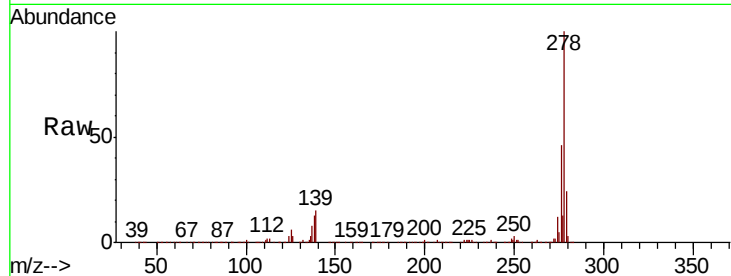
#91
Dibenzo(a,h)anthracene
Concen: 58.144 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PB126434BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.8	17.6
279	24.0	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 60.834 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118734.D
Acq: 29 Jan 2020 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	19.5	15.4	23.2

