

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119502.D
 Acq On : 25 Mar 2020 13:15
 Operator : CG/JU
 Sample : PB127762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:11:42 AM

Quant Time: Mar 25 14:13:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	354541	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1388916	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	731892	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1401531	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	993439	20.00	ng	-0.01
87) Perylene-d12	15.49	264	898379	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2344402	105.26	ng	0.01
7) Phenol-d6	6.47	99	3024766	106.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	1954661	76.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	934563	123.77	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3719307	75.29	ng	-0.01
79) Terphenyl-d14	12.97	244	4186611	82.57	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.70	88	317818	28.893	ng	97
3) Pyridine	3.43	79	902137	29.770	ng	99
4) n-Nitrosodimethylamine	3.39	42	512474	34.679	ng	99
6) Aniline	6.50	93	1073191	27.332	ng	99
8) 2-Chlorophenol	6.63	128	1003263	42.890	ng	100
9) Benzaldehyde	6.39	77	640359	35.481	ng	100
10) Phenol	6.49	94	1224757	40.345	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	947612	39.030	ng	98
12) 1,3-Dichlorobenzene	6.79	146	992283	39.195	ng	98
13) 1,4-Dichlorobenzene	6.86	146	1007282	39.778	ng	98
14) 1,2-Dichlorobenzene	7.02	146	935129	39.508	ng	98
15) Benzyl Alcohol	6.99	79	846693	39.563	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1847294	37.721	ng	98
17) 2-Methylphenol	7.10	107	803080	37.471	ng	99
18) Hexachloroethane	7.36	117	388949	41.912	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	695893	40.581	ng	96
20) 3+4-Methylphenols	7.25	107	971674	36.994	ng	# 80
22) Acetophenone	7.26	105	1297314	39.090	ng	98
24) Nitrobenzene	7.43	77	1034979	37.895	ng	97
25) Isophorone	7.67	82	1956711	37.744	ng	99
26) 2-Nitrophenol	7.75	139	528194	49.118	ng	97
27) 2,4-Dimethylphenol	7.78	122	893500	40.183	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1240451	40.464	ng	99
29) 2,4-Dichlorophenol	7.99	162	831229	40.685	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	888129	39.307	ng	99
31) Naphthalene	8.15	128	2783132	38.938	ng	99
32) Benzoic acid	7.91	122	681196	47.625	ng	96
33) 4-Chloroaniline	8.20	127	603167	18.417	ng	96
34) Hexachlorobutadiene	8.27	225	513885	40.649	ng	99
35) Caprolactam	8.57	113	261701m	39.138	ng	
36) 4-Chloro-3-methylphenol	8.68	107	912500	40.864	ng	99
37) 2-Methylnaphthalene	8.85	142	1941406	41.387	ng	100
38) 1-Methylnaphthalene	8.95	142	1823323	41.066	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	826768	38.540	ng	99

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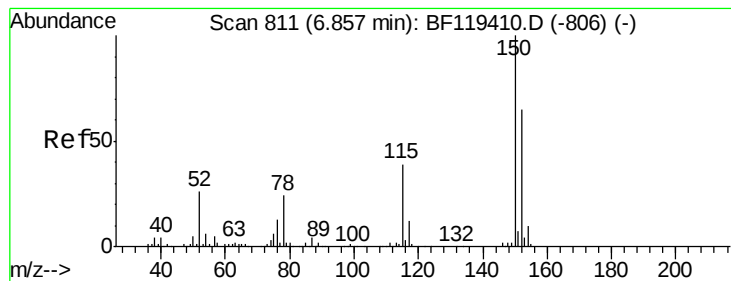
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1016626	83.358	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	648779	42.261	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	630615	36.669	ng	98
46) 1,1'-Biphenyl	9.31	154	2294164	38.487	ng	100
47) 2-Chloronaphthalene	9.33	162	1792582	38.391	ng	99
48) 2-Nitroaniline	9.43	65	660087	40.957	ng	99
49) Acenaphthylene	9.75	152	2803810	38.239	ng	100
50) Dimethylphthalate	9.62	163	2117478	40.731	ng	99
51) 2,6-Dinitrotoluene	9.67	165	483284	43.371	ng	90
52) Acenaphthene	9.93	154	1965134	42.990	ng	99
53) 3-Nitroaniline	9.84	138	323071	22.965	ng	99
54) 2,4-Dinitrophenol	9.95	184	487407	99.171	ng	# 84
55) Dibenzofuran	10.10	168	2536320	38.700	ng	98
56) 4-Nitrophenol	10.00	139	823568	74.211	ng	91
57) 2,4-Dinitrotoluene	10.08	165	645617	45.993	ng	97
58) Fluorene	10.44	166	1930697	39.837	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	568125	44.195	ng	99
60) Diethylphthalate	10.32	149	2225061	42.171	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	955409	40.313	ng	99
62) 4-Nitroaniline	10.46	138	505214	37.451	ng	98
63) Azobenzene	10.59	77	2118385	39.869	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	323907	55.114	ng	93
66) n-Nitrosodiphenylamine	10.55	169	1819617	39.548	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	642792	40.271	ng	98
68) Hexachlorobenzene	10.99	284	681692	41.728	ng	# 91
69) Atrazine	11.08	200	574100	45.514	ng	99
70) Pentachlorophenol	11.18	266	765451	79.910	ng	99
71) Phenanthrene	11.40	178	2810104	38.668	ng	99
72) Anthracene	11.46	178	2872552	38.892	ng	98
73) Carbazole	11.61	167	2659134	36.373	ng	98
74) Di-n-butylphthalate	11.95	149	3469798	44.368	ng	98
75) Fluoranthene	12.59	202	3088571	39.270	ng	98
77) Benzidine	12.72	184	1571038	37.368	ng	98
78) Pyrene	12.82	202	3073757	37.701	ng	99
80) Butylbenzylphthalate	13.44	149	1547543	46.930	ng	99
81) Benzo(a)anthracene	14.02	228	2434463	37.684	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	700993	27.520	ng	96
83) Chrysene	14.05	228	2501579	37.521	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2051771	52.195	ng	99
85) Di-n-octyl phthalate	14.62	149	3641638	52.675	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2227277	35.471	ng	98
88) Benzo(b)fluoranthene	15.06	252	2456577	40.935	ng	99
89) Benzo(k)fluoranthene	15.09	252	2388271	41.794	ng	99
90) Benzo(a)pyrene	15.43	252	2114903	38.779	ng	97
91) Dibenzo(a,h)anthracene	16.98	278	1859052	38.972	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1789644	37.344	ng	98

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



#1

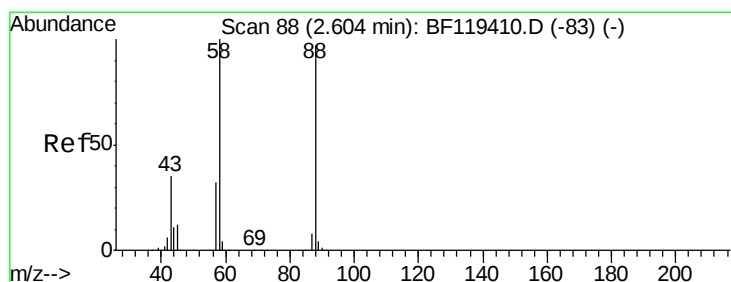
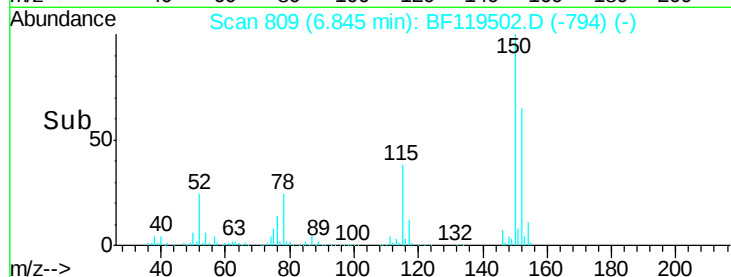
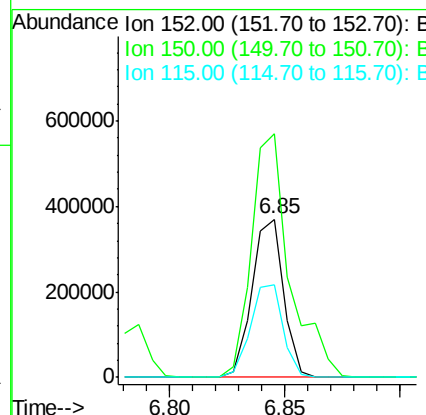
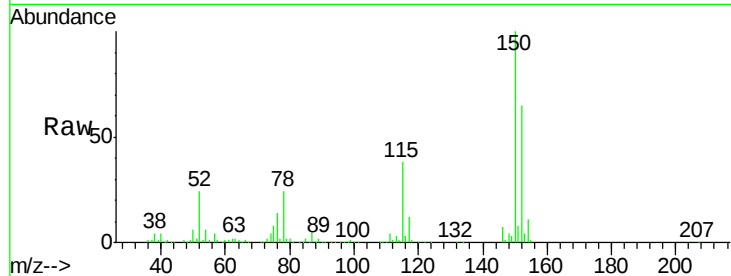
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.9	185.9
115	58.6	47.8	71.6

Manual Integrations
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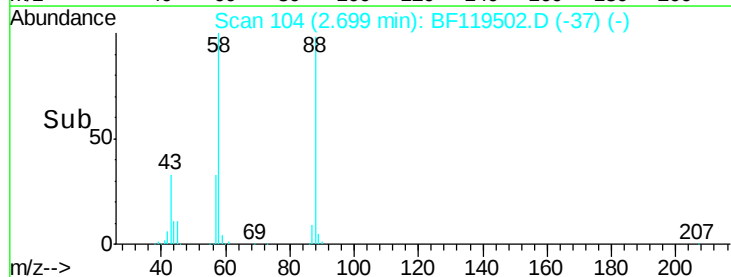
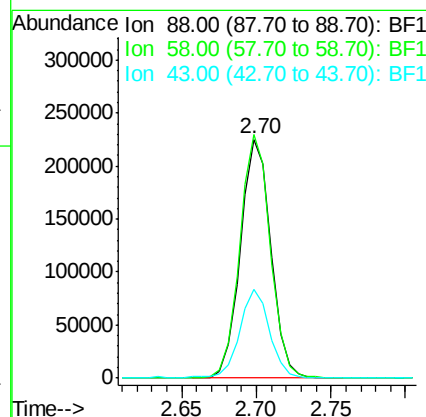
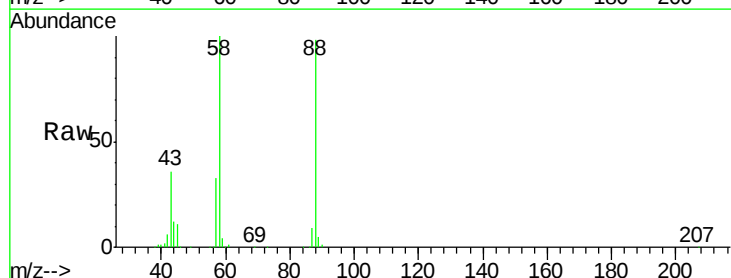
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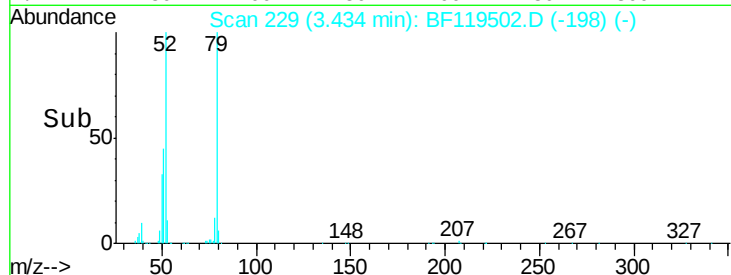
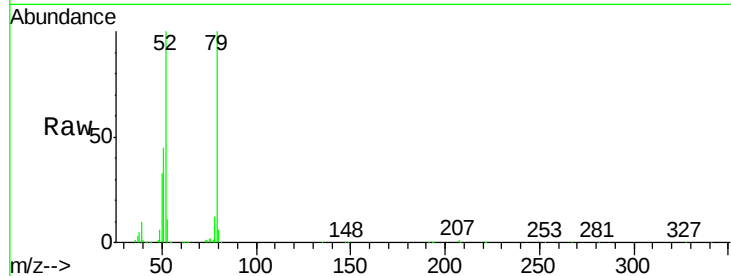
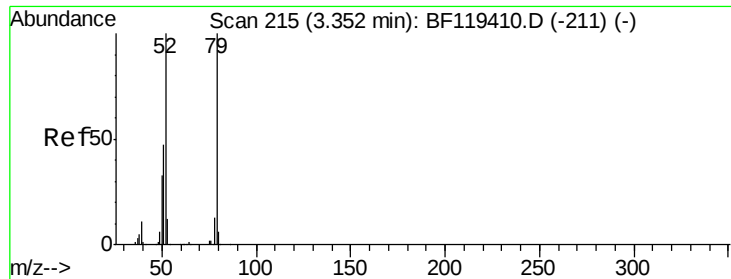


#2

1,4-Dioxane
Concen: 28.893 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	79.4	119.2
43	36.1	28.4	42.6





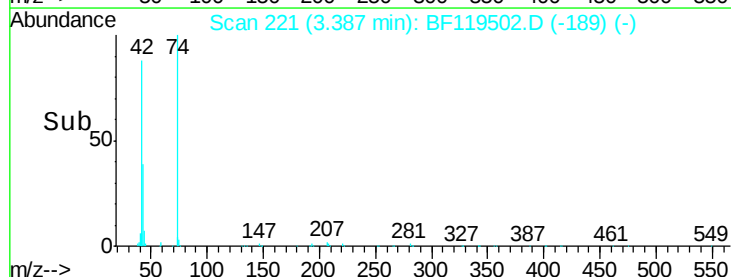
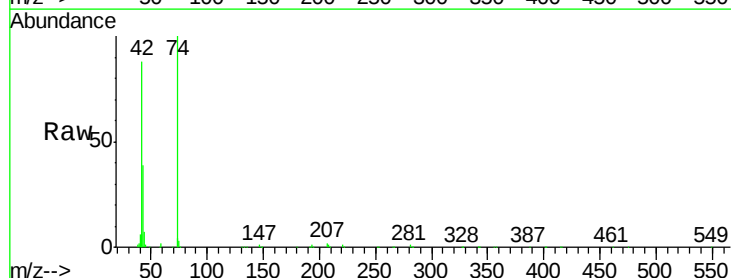
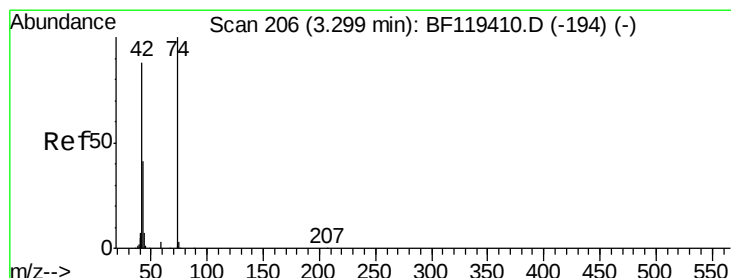
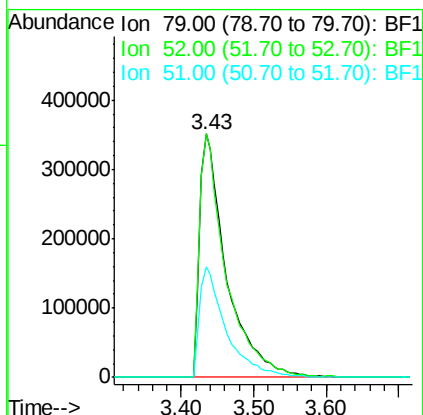
#3
 Pvridine
 Concen: 29.770 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.08 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	100.1	80.0	120.0		
51	45.4	37.9	56.9		

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

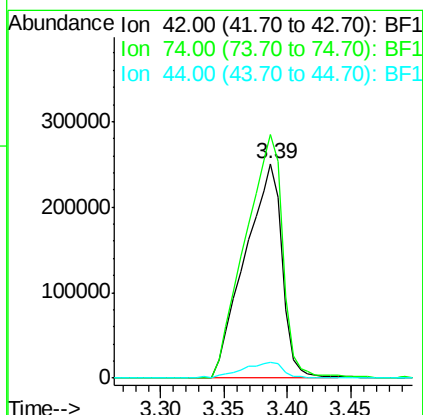
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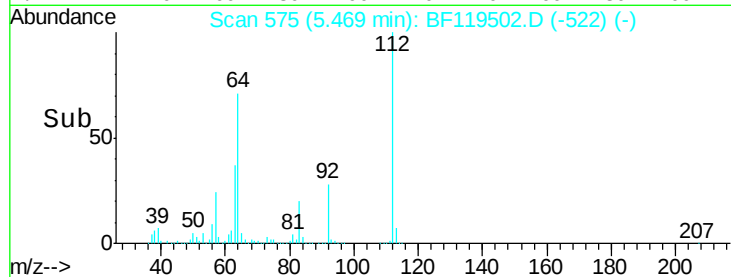
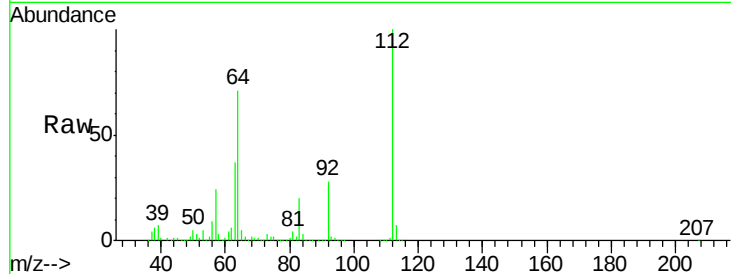
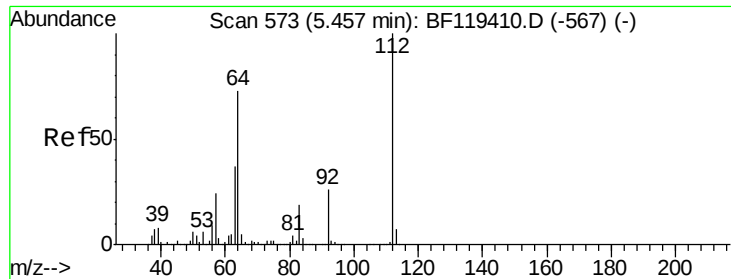
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#4
 n-Nitrosodimethylamine
 Concen: 34.679 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	113.6	91.3	136.9		
44	7.6	7.1	10.7		





#5

2-Fluorophenol

Concen: 105.265 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tot Ion:	112	Resp:	2344402
Ion	Ratio	Lower	Upper
112	100		
64	71.1	58.1	87.1
63	37.1	29.7	44.5

Instrument :

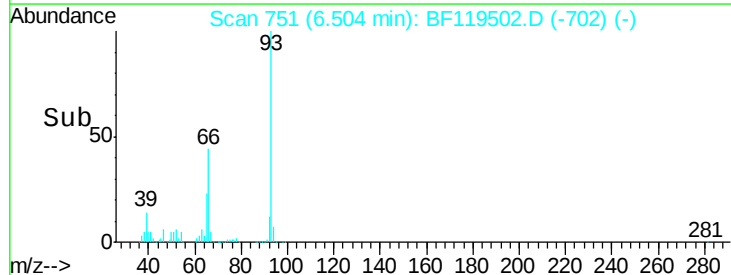
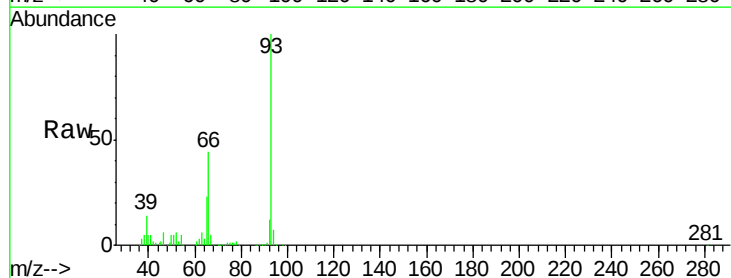
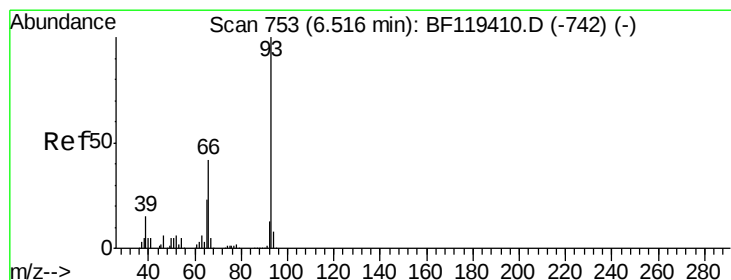
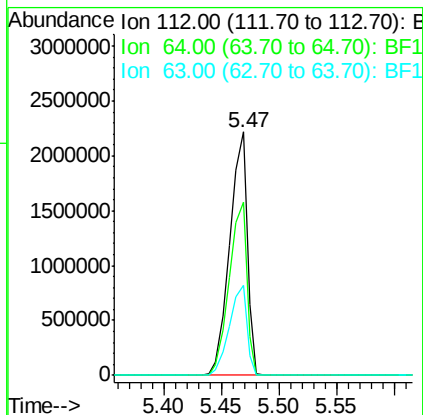
BNA_F

ClientSampleId :

PB127762BS

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#6

Aniline

Concen: 27.332 ng

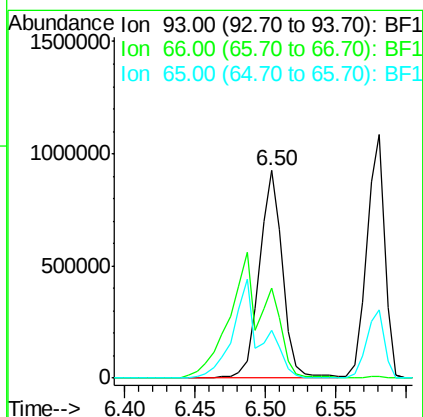
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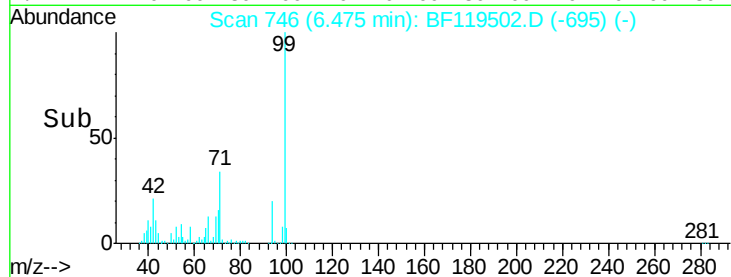
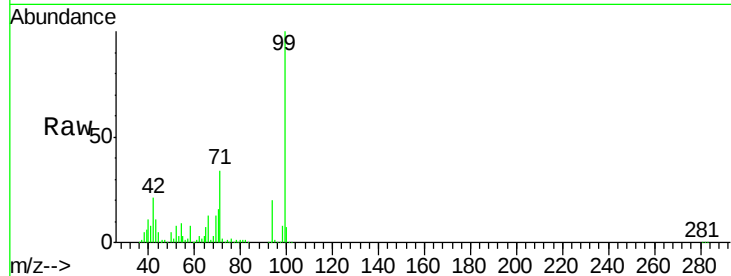
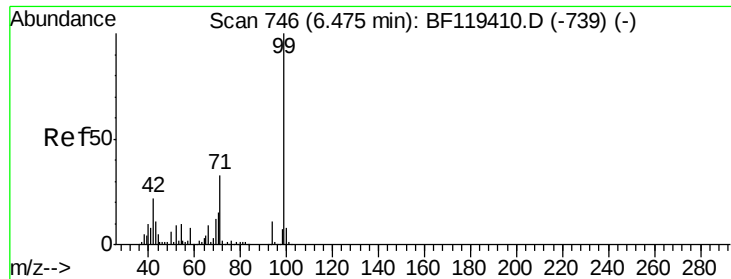
Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion:	93	Resp:	1073191
Ion	Ratio	Lower	Upper
93	100		
66	43.6	34.2	51.4
65	22.7	18.2	27.4





#7

Phenol-d6

Concen: 106.318 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tot Ion: 99 Resp: 3024766

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.8 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

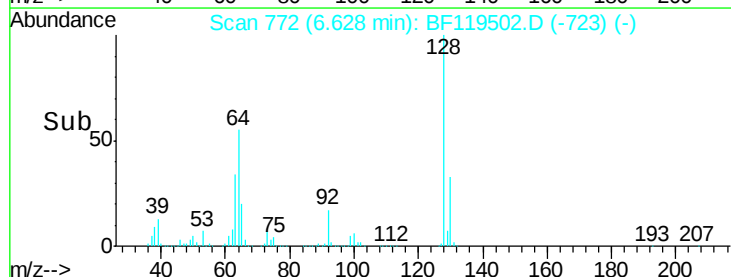
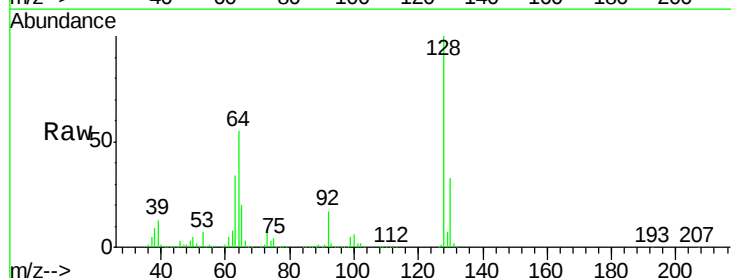
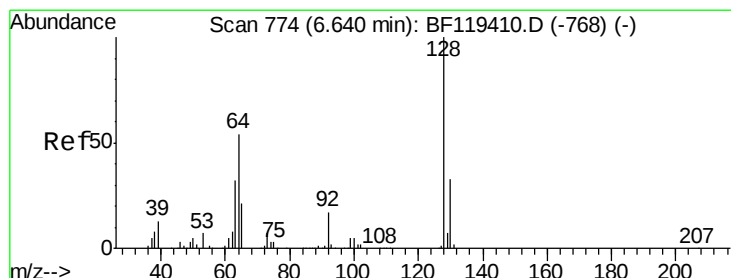
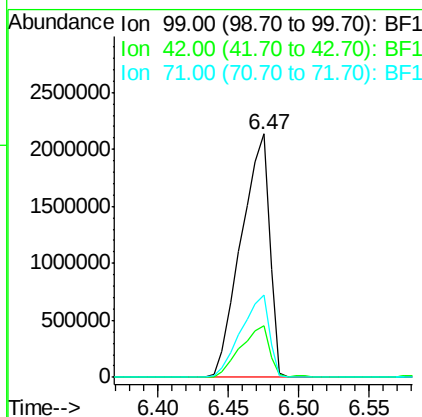
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#8

2-Chlorophenol

Concen: 42.890 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

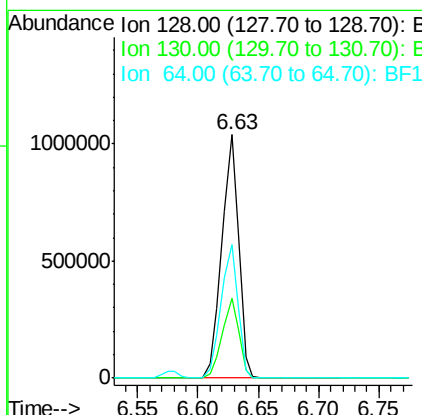
Tgt Ion:128 Resp: 1003263

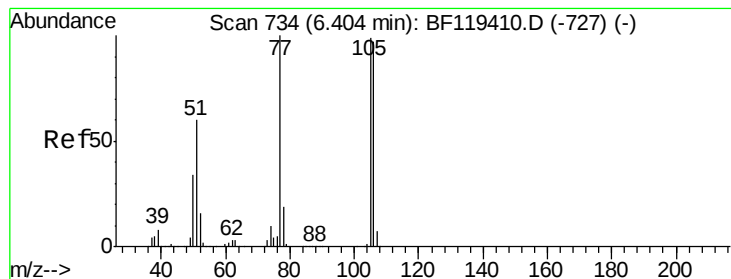
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 55.0 35.1 75.1





#9

Benzaldehyde

Concen: 35.481 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

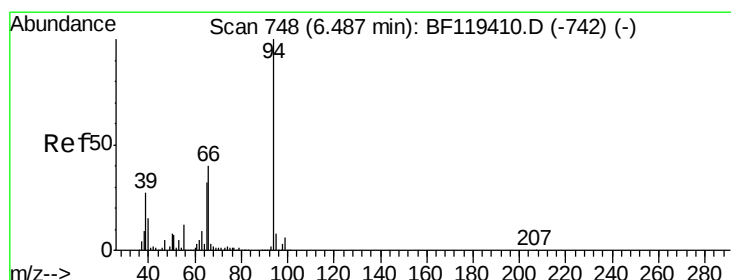
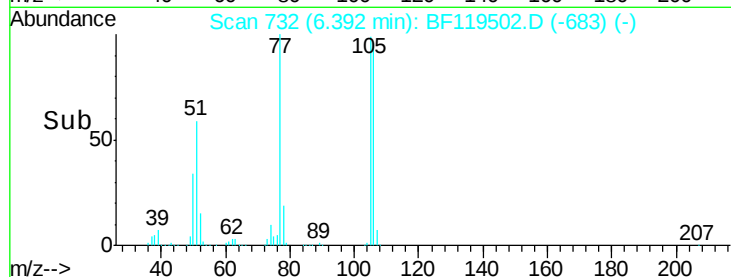
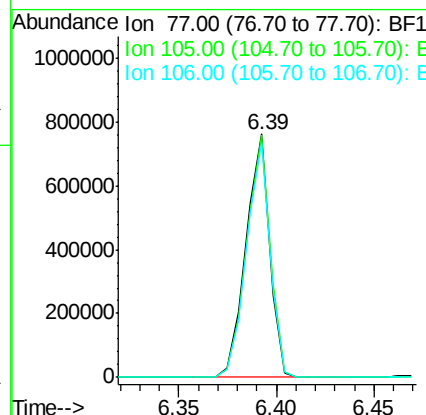
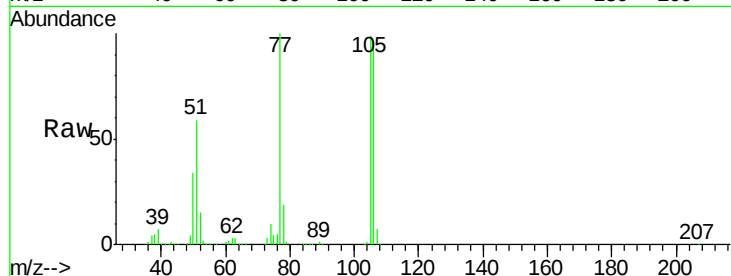
ClientSampleId :

PB127762BS

Tot Ion:	77	Resp:	640359
Ion	Ratio	Lower	Upper
77	100		
105	99.3	78.6	118.6
106	96.3	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 40.345 ng

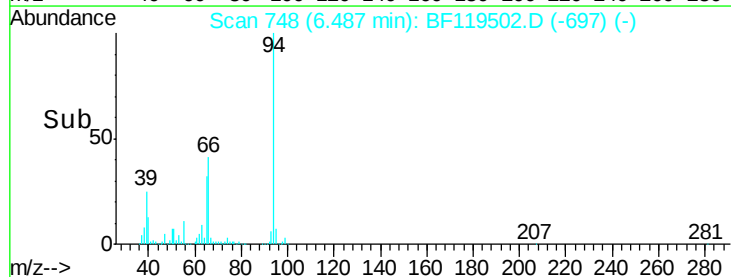
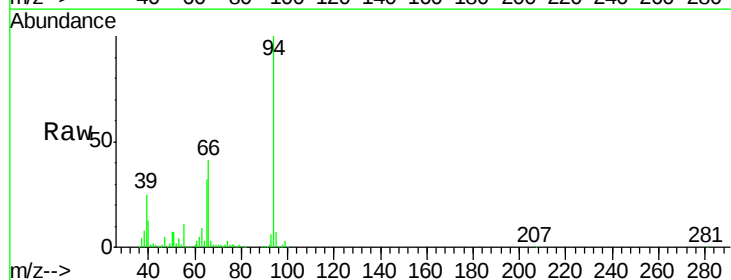
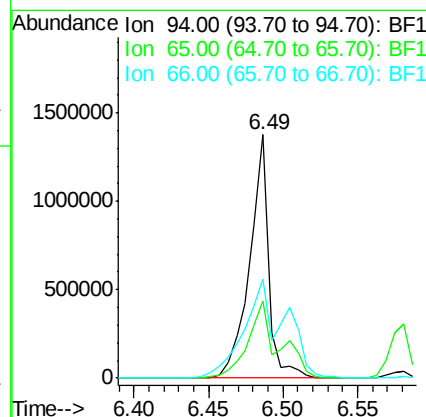
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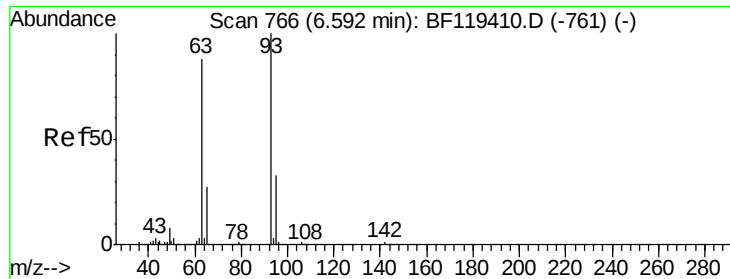
Delta R.T. -0.00 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion:	94	Resp:	1224757
Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.0	52.0
66	40.9	20.6	60.6





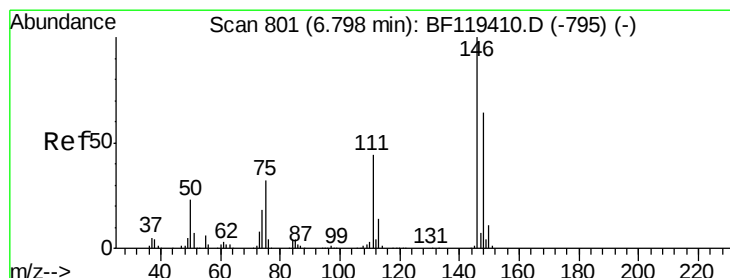
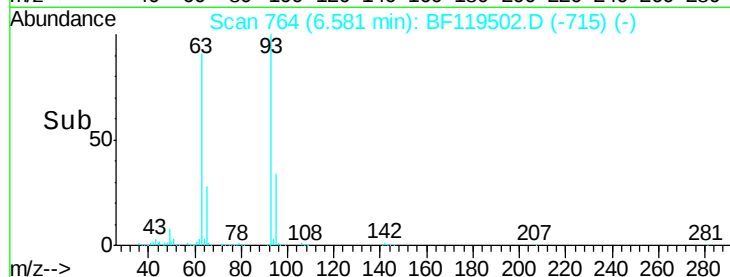
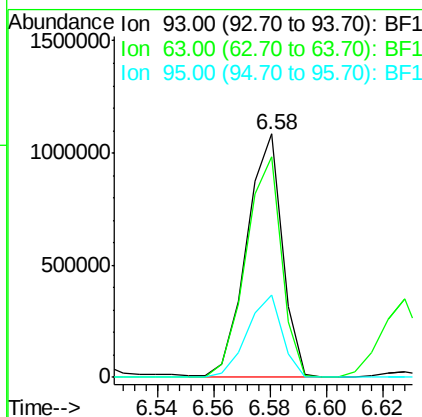
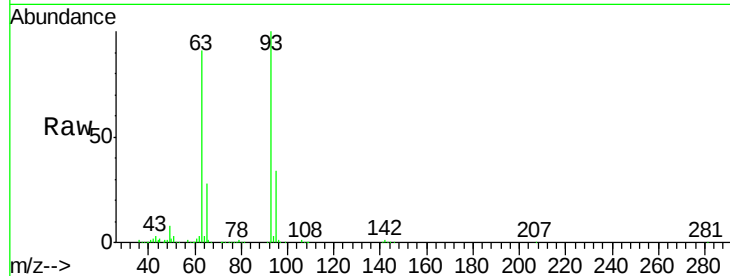
#11
bis(2-Chloroethyl)ether
Concen: 39.030 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampled :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	90.7	68.4	108.4	
95	34.0	13.4	53.4	

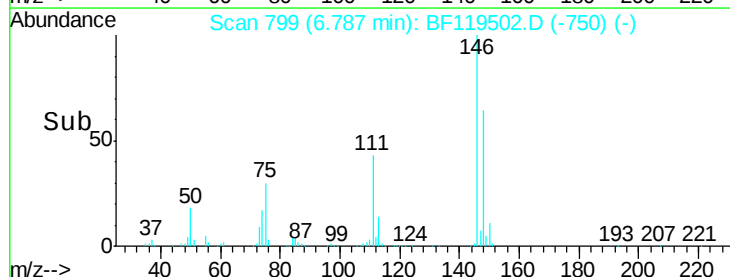
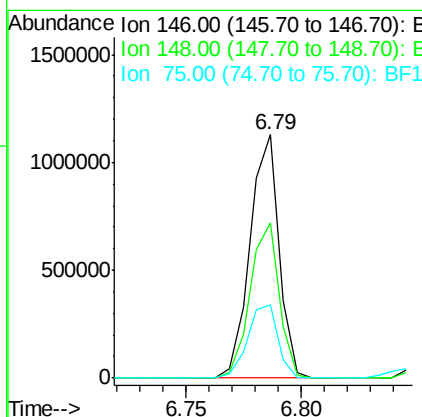
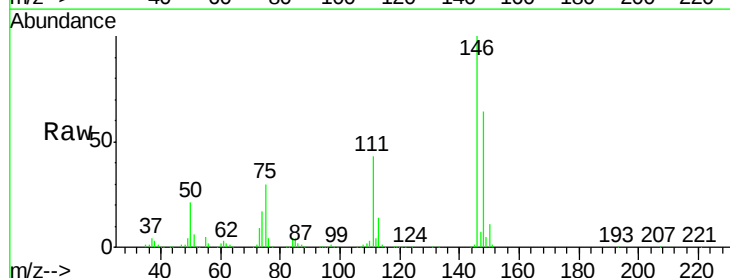
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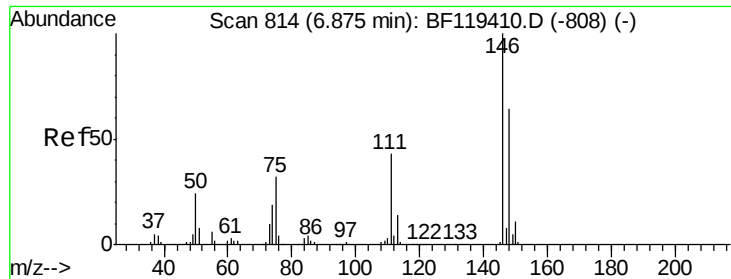
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.195 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	51.4	77.0	
75	30.3	25.8	38.8	





#13

1,4-Dichlorobenzene

Concen: 39.778 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:146 Resp: 1007282

Ion Ratio Lower Upper

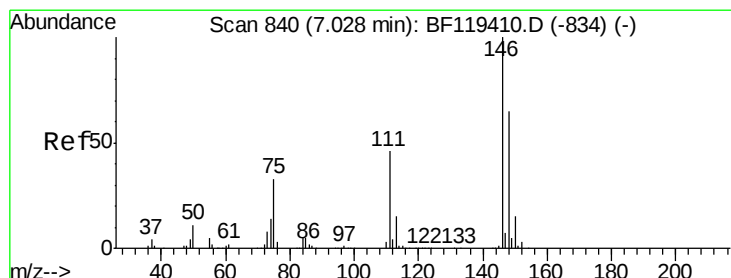
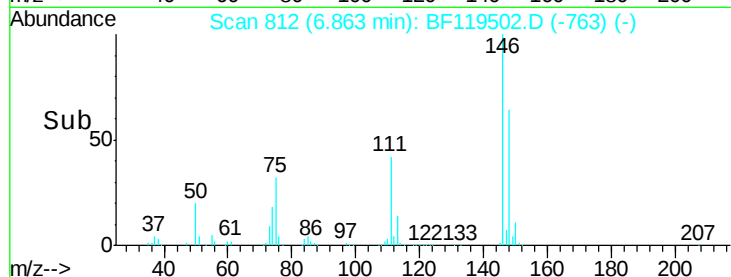
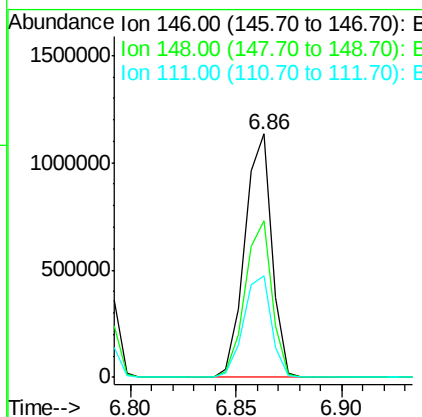
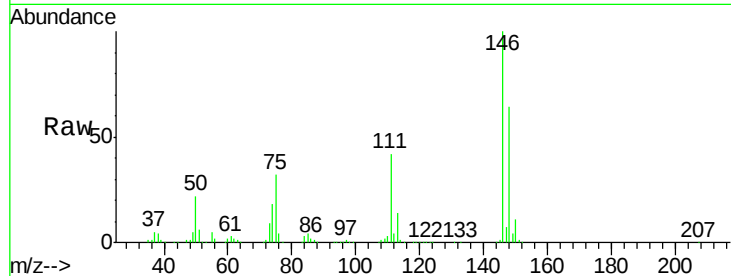
146 100

148 64.3 50.9 76.3

111 41.7 34.6 52.0

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#14

1,2-Dichlorobenzene

Concen: 39.508 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

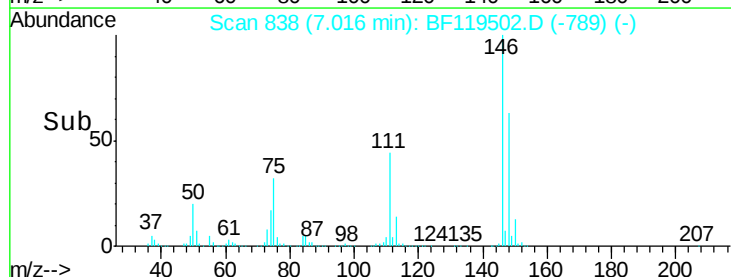
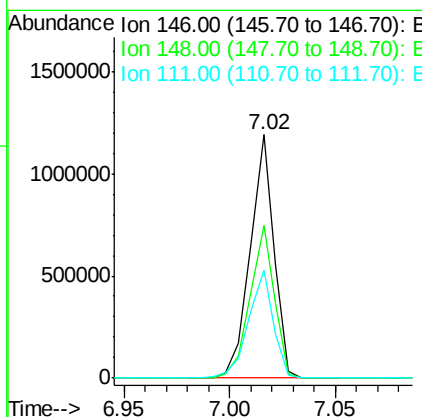
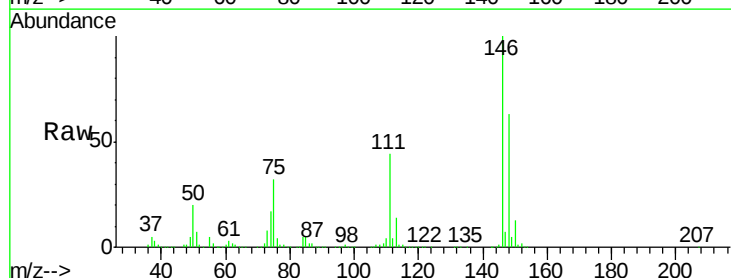
Tgt Ion:146 Resp: 935129

Ion Ratio Lower Upper

146 100

148 62.8 51.7 77.5

111 44.3 36.4 54.6





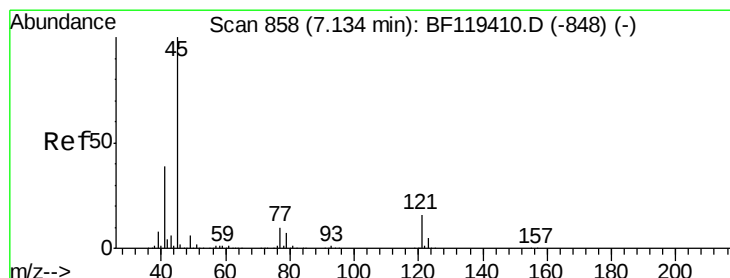
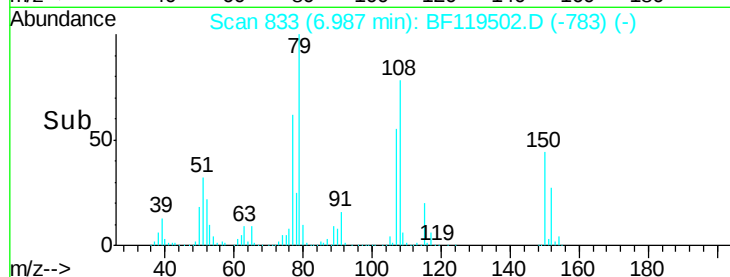
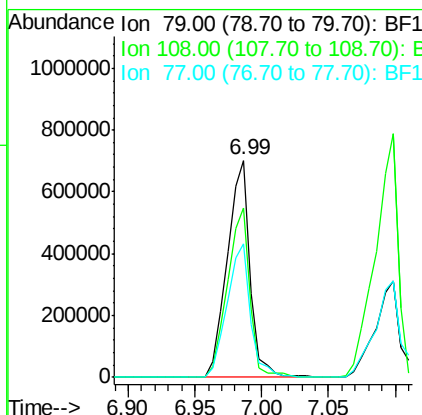
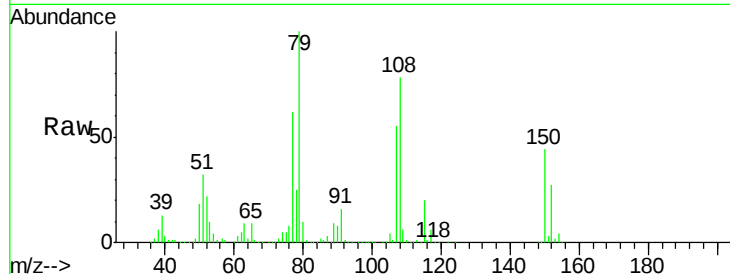
#15
Benzyl Alcohol
Concen: 39.563 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.4	90.6
77	61.8	49.0	73.4

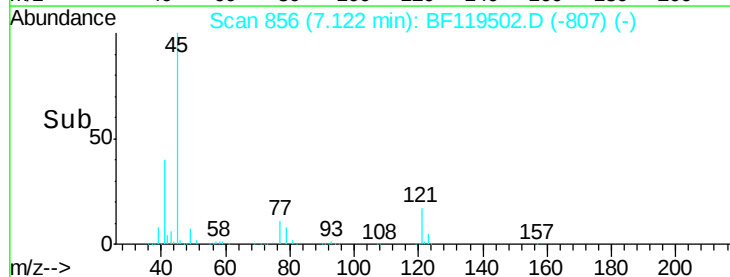
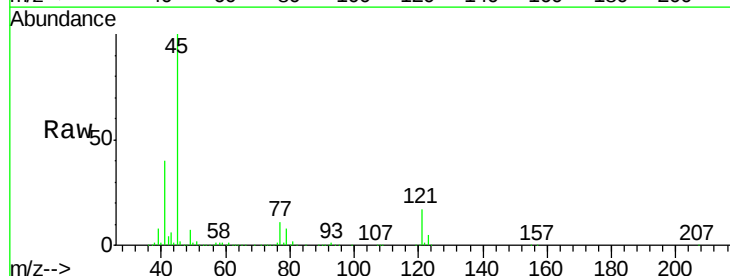
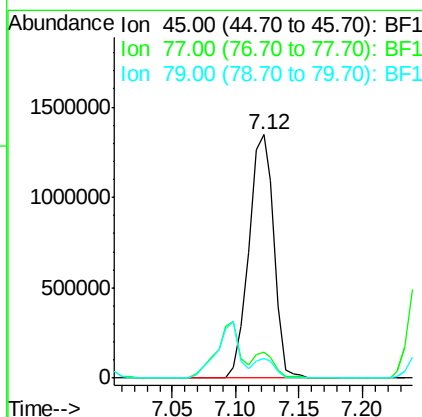
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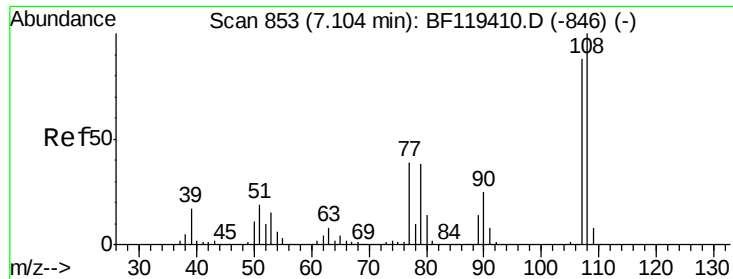
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.721 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.1
79	8.3	0.0	27.4





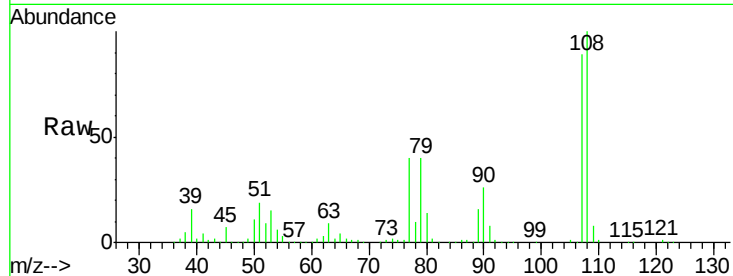
#17
2-Methylphenol
Concen: 37.471 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

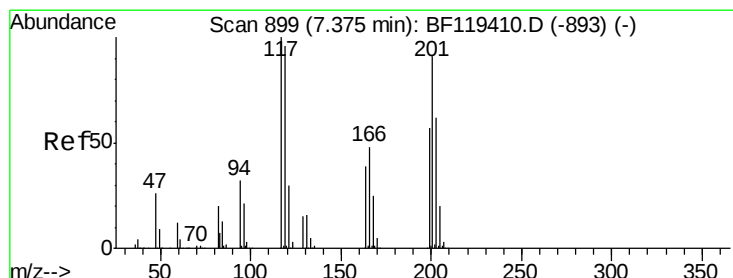
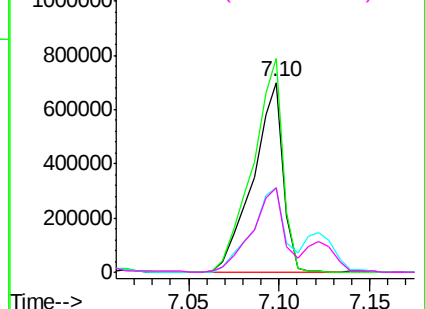
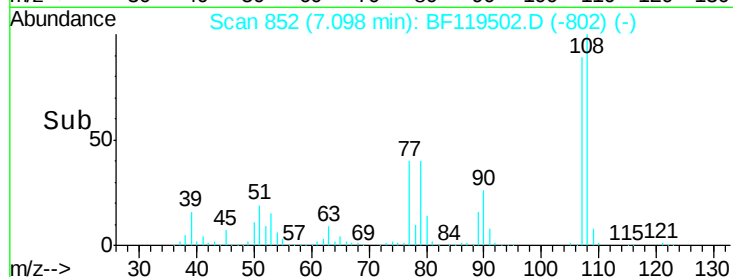
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.7	136.1
77	44.6	35.6	53.4
79	44.9	34.7	52.1

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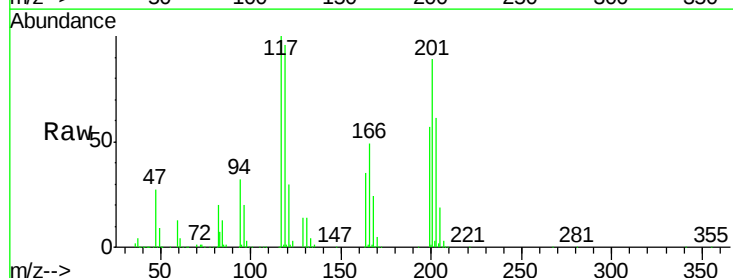


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

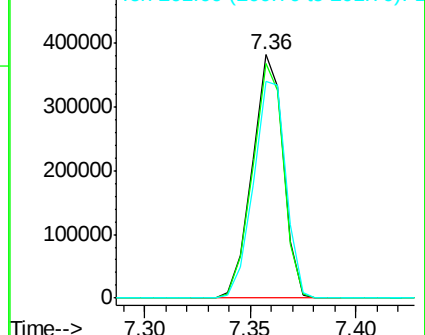
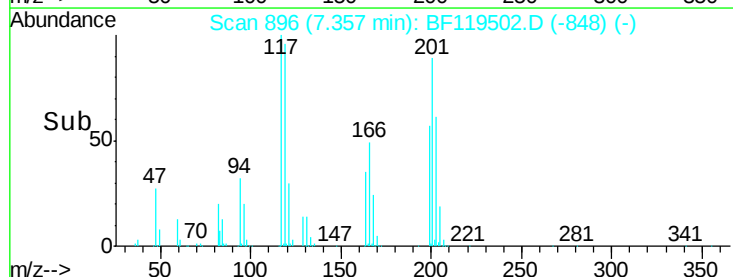


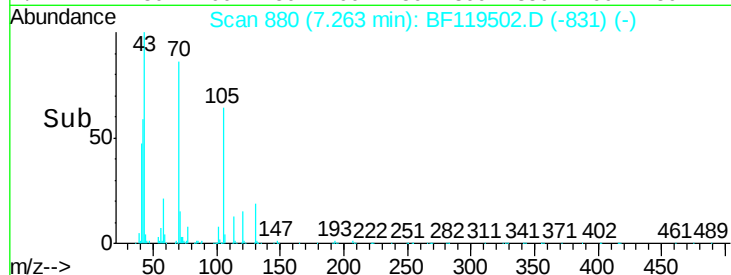
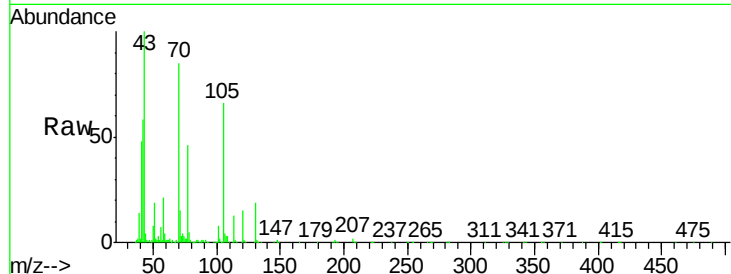
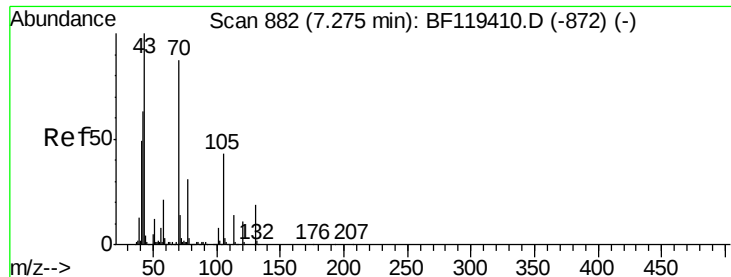
#18
Hexachloroethane
Concen: 41.912 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.8	115.2
201	89.2	72.5	108.7



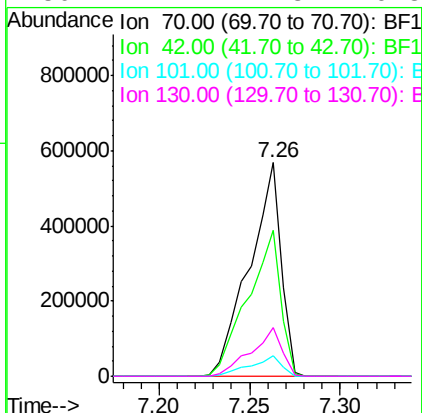
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.581 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

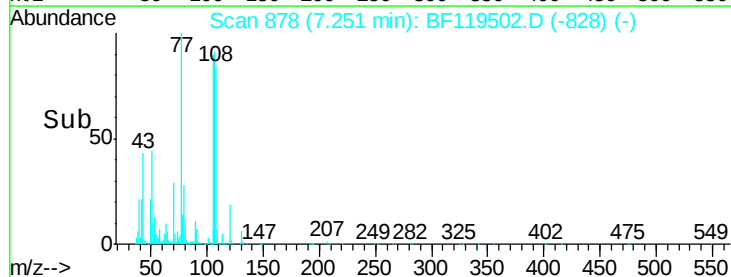
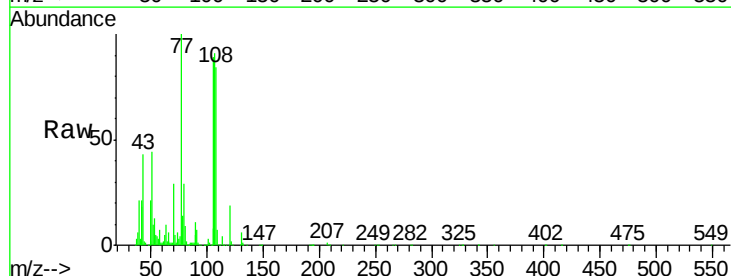
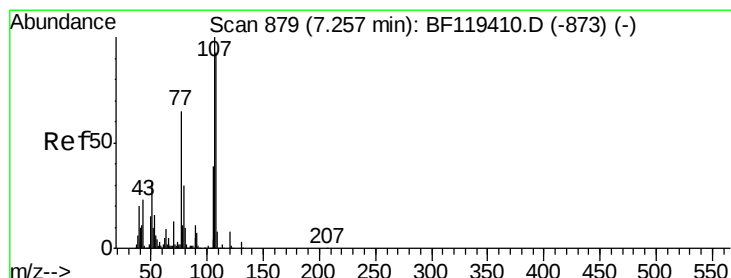
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	58.2	87.4
101	9.6	7.4	11.2
130	22.7	17.8	26.8



Instrument :
BNA_F
ClientSampleId :
PB127762BS

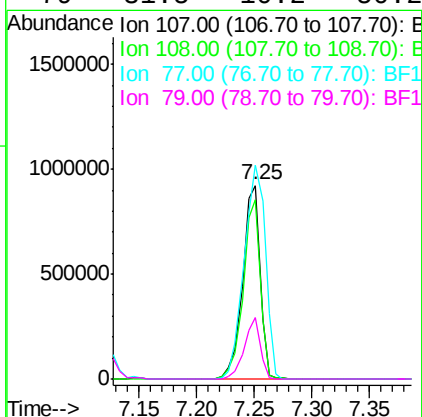
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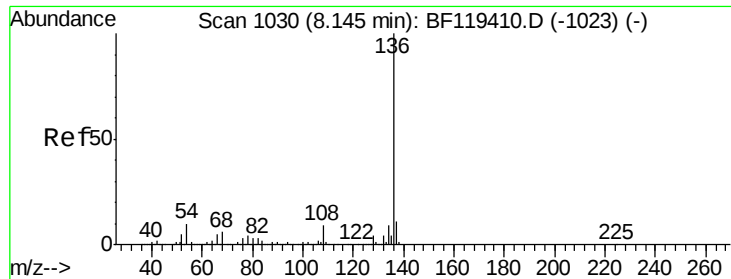
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#20
3+4-Methylphenols
Concen: 36.994 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.6	112.6
77	110.2	44.7	84.7
79	31.5	10.2	50.2





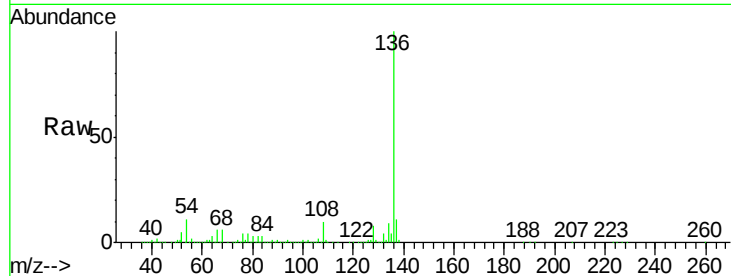
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

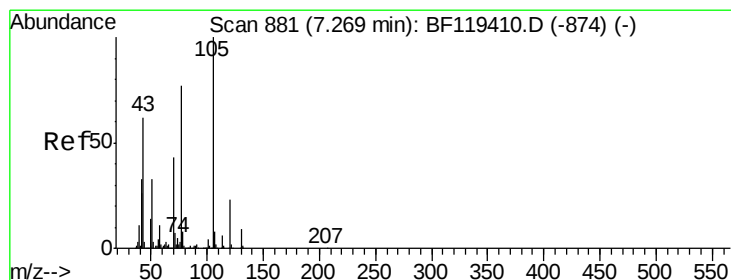
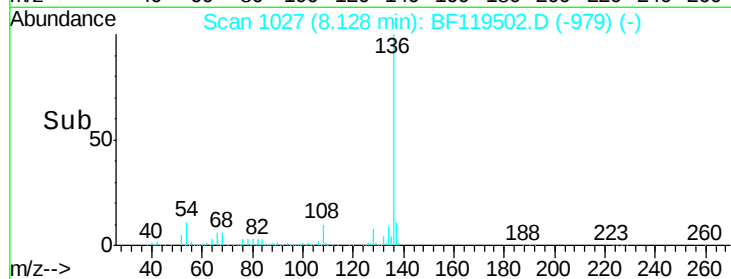
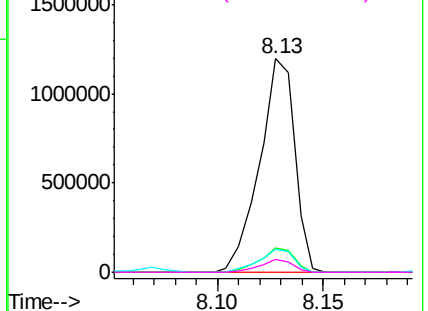
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1388916		
137	11.1	8.4	12.6		
54	11.0	8.3	12.5		
68	5.8	4.9	7.3		

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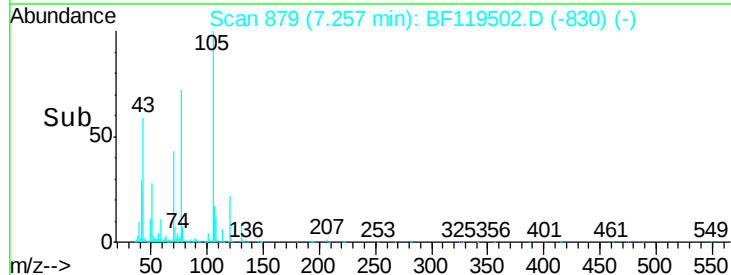
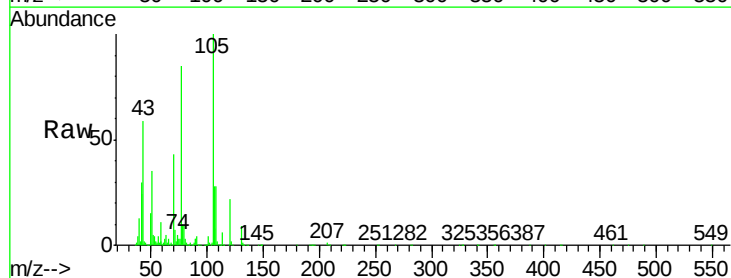
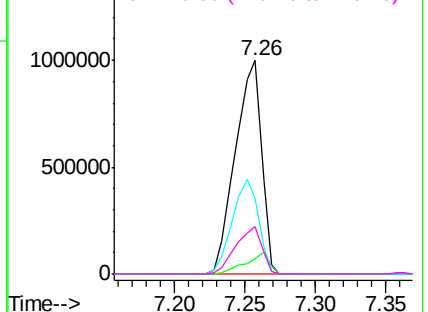
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

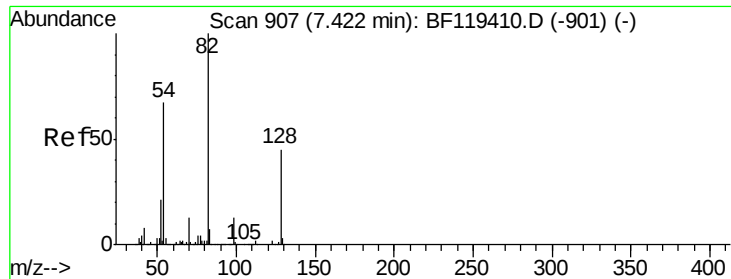


#22
Acetophenone
Concen: 39.090 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1297314		
71	7.1	5.8	8.6		
51	35.1	26.8	40.2		
120	22.3	18.0	27.0		

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





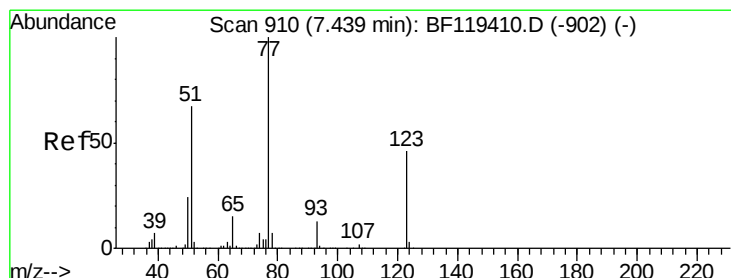
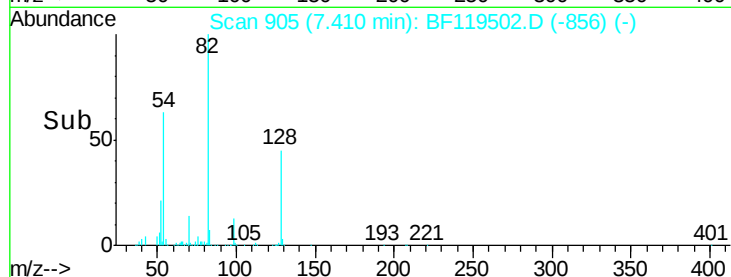
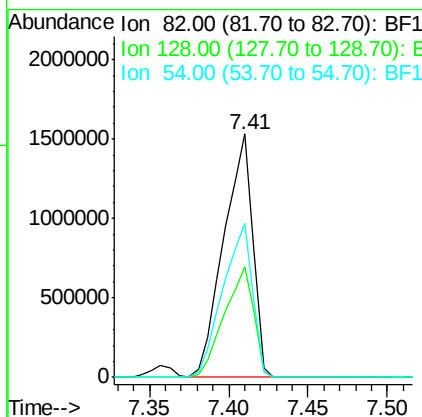
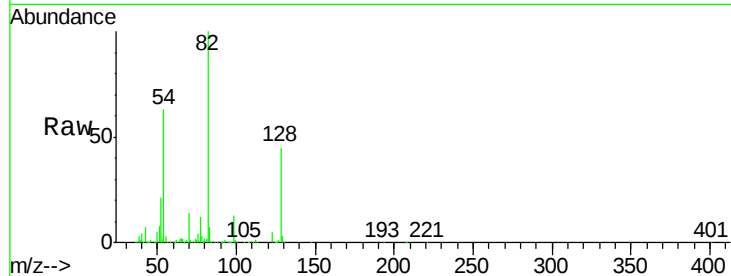
#23
 Nitrobenzene-d5
 Concen: 76.485 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	82	Resp	1954661
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.8	53.8
54	63.3	53.4	80.0

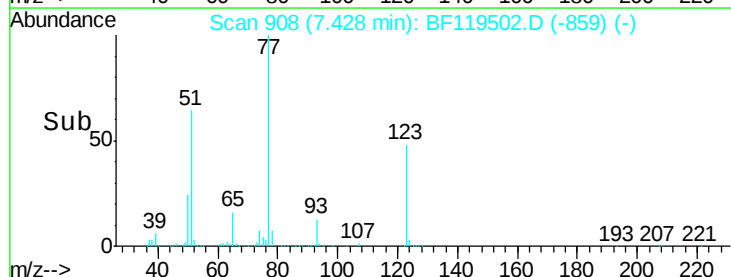
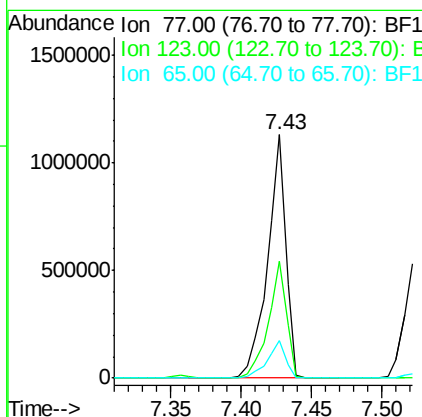
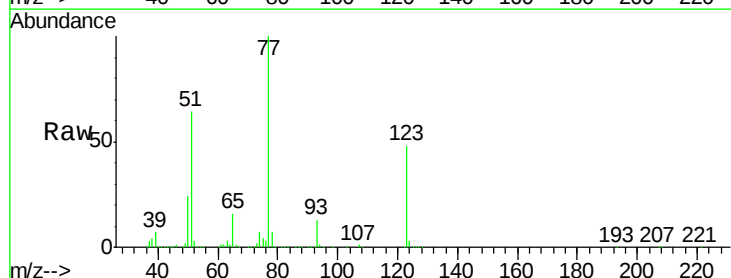
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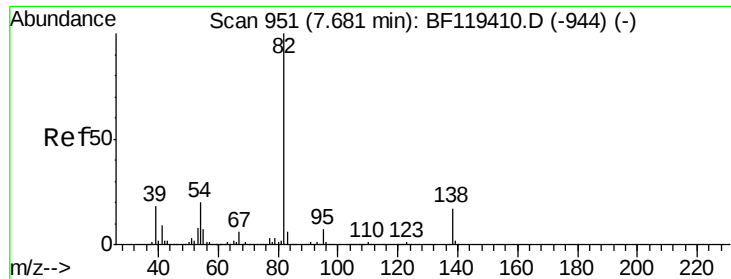
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#24
 Nitrobenzene
 Concen: 37.895 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	77	Resp	1034979
Ion	Ratio	Lower	Upper
77	100		
123	48.3	36.9	55.3
65	15.5	12.2	18.4





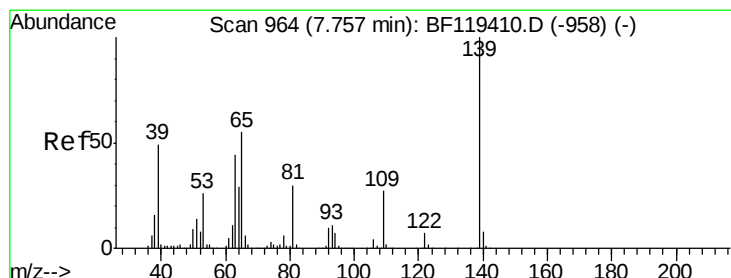
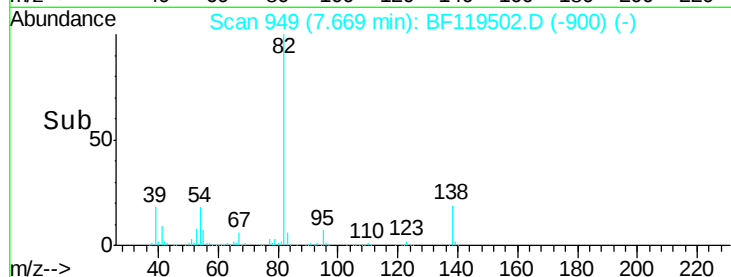
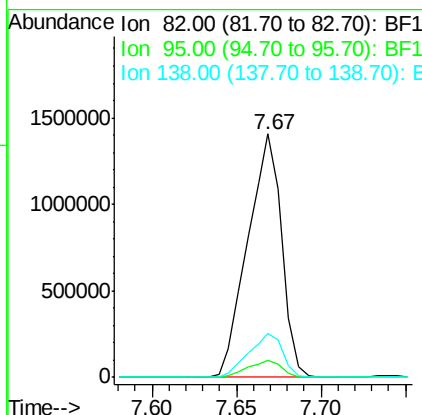
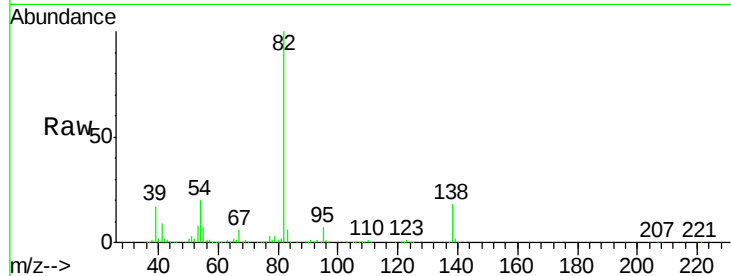
#25
Isophorone
Concen: 37.744 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion: 82 Resp: 1956711
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.8 13.8 20.8

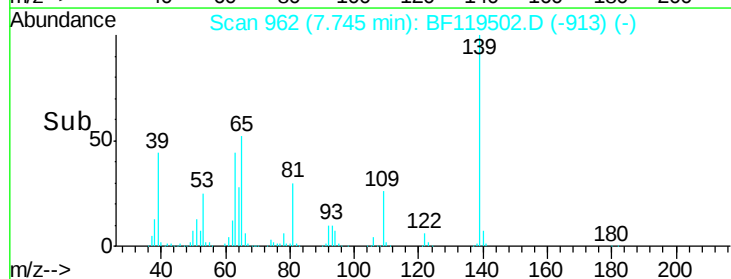
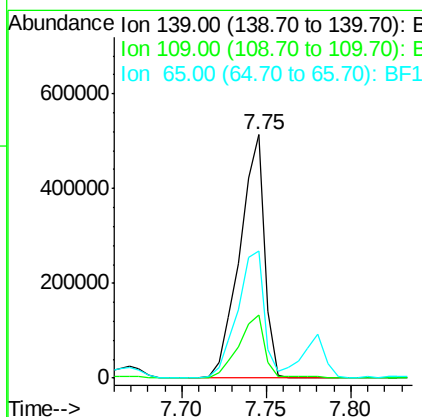
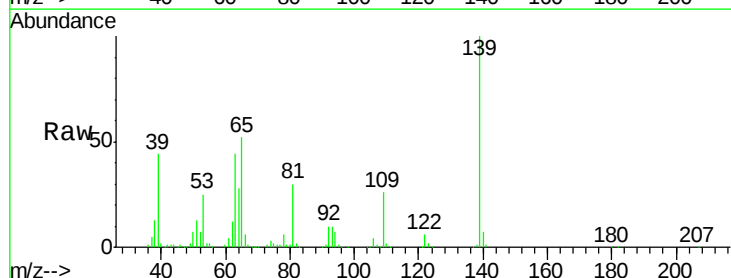
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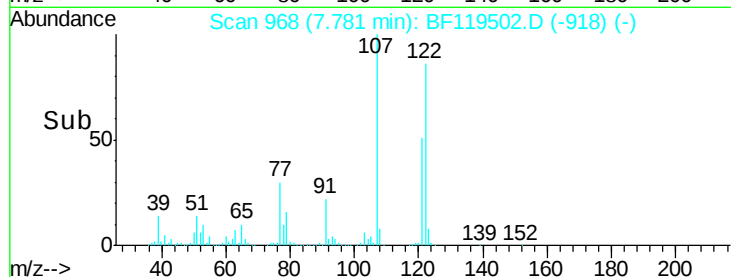
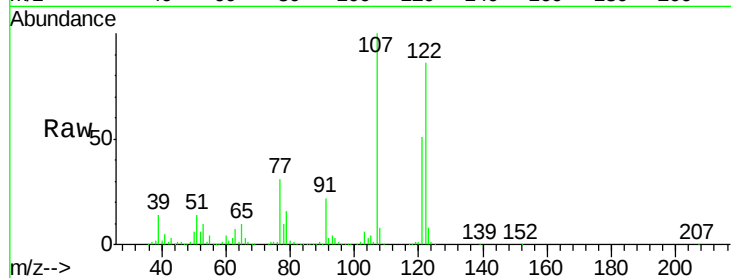
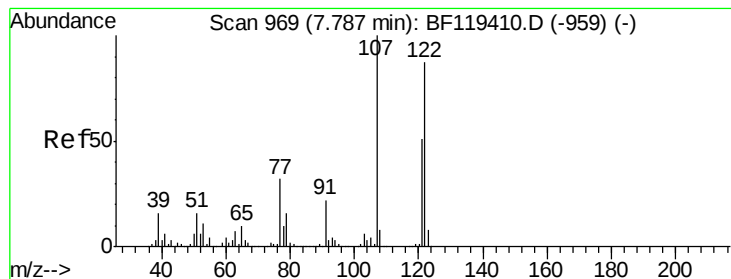
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#26
2-Nitrophenol
Concen: 49.118 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion: 139 Resp: 528194
Ion Ratio Lower Upper
139 100
109 26.1 21.7 32.5
65 52.4 43.9 65.9





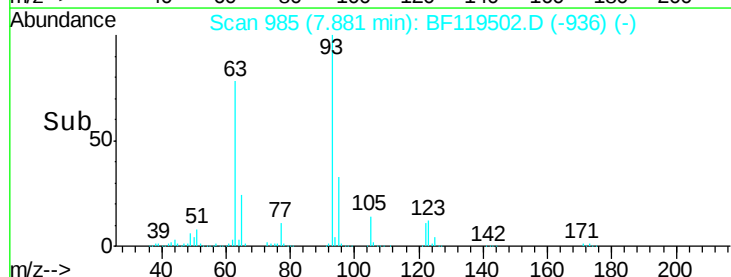
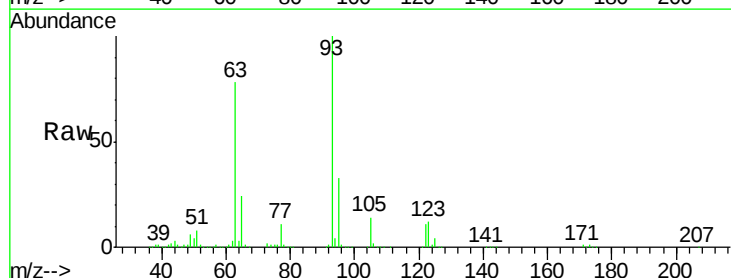
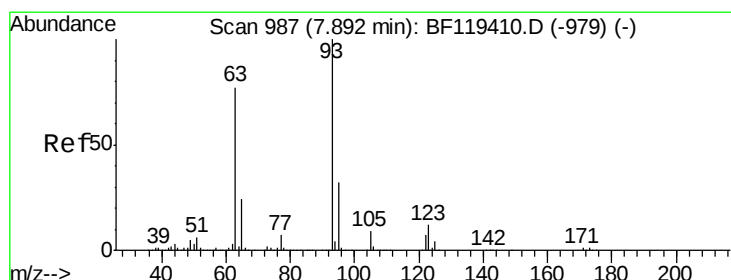
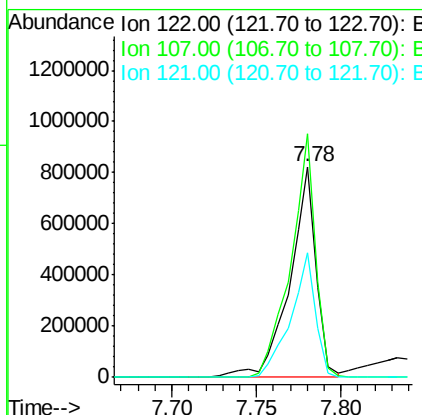
#27
2,4-Dimethylphenol
Concen: 40.183 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tot Ion	Ratio	Resp	Lower	Upper
122	100	893500		
107	115.7	91.8	137.6	
121	59.0	46.5	69.7	

Instrument :
BNA_F
ClientSampleId :
PB127762BS

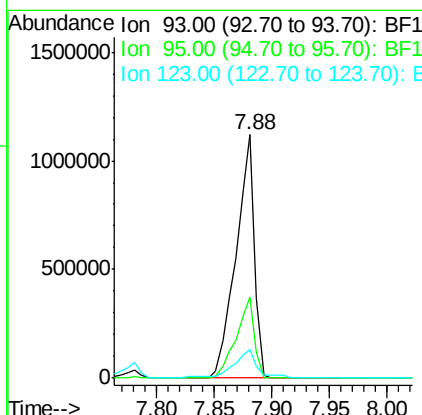
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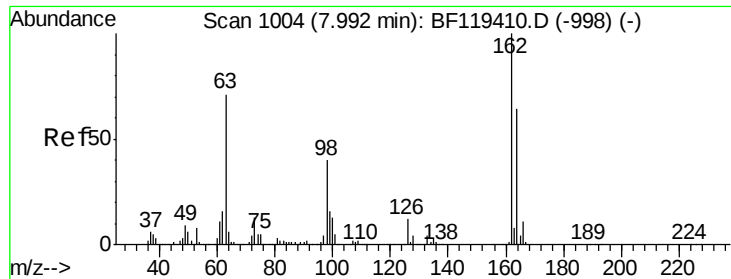
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.464 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1240451		
95	33.4	26.0	39.0	
123	11.8	9.7	14.5	





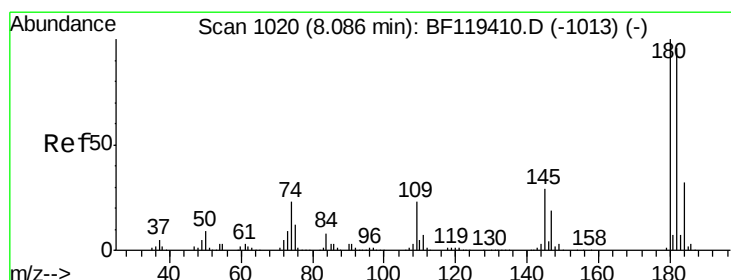
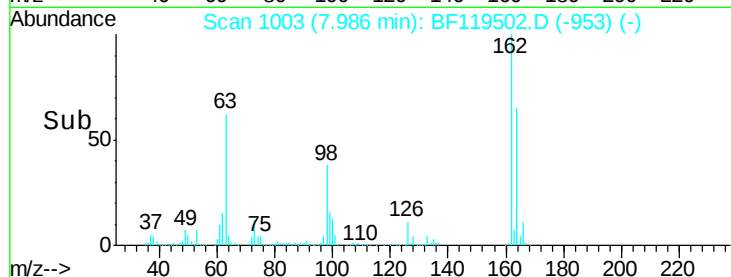
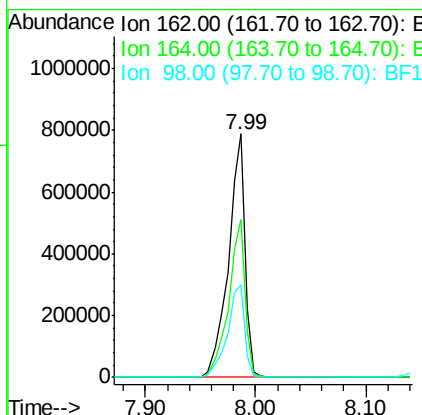
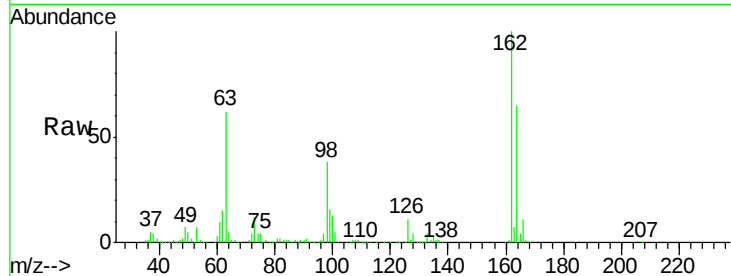
#29
2,4-Dichlorophenol
Concen: 40.685 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampled :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	831229		
164	64.7	43.6	83.6	
98	38.0	20.4	60.4	

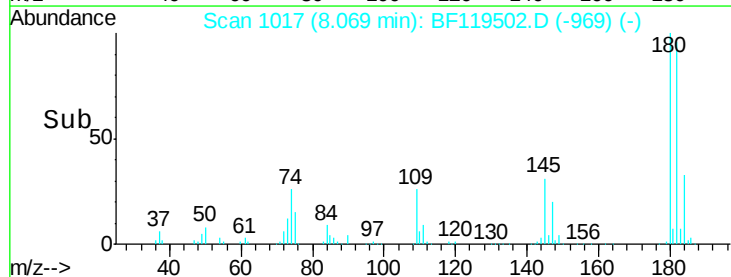
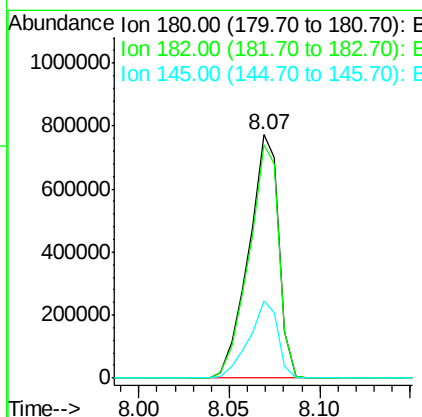
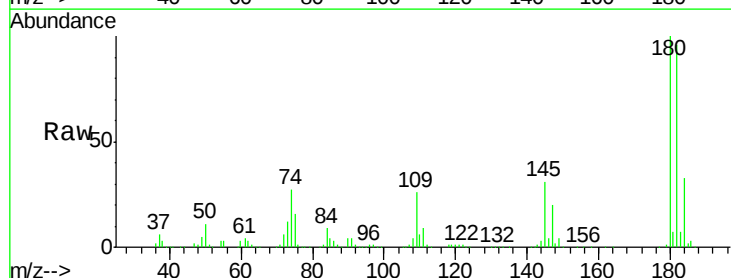
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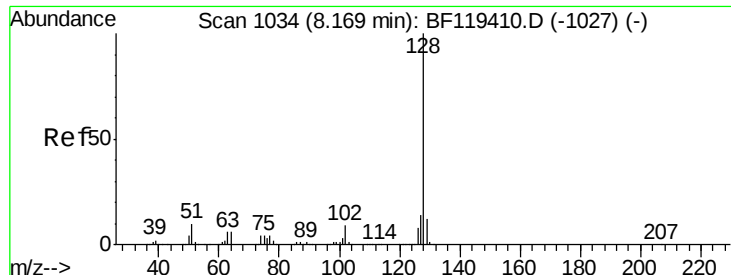
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#30
1,2,4-Trichlorobenzene
Concen: 39.307 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	888129		
182	95.9	76.6	115.0	
145	31.5	23.2	34.8	





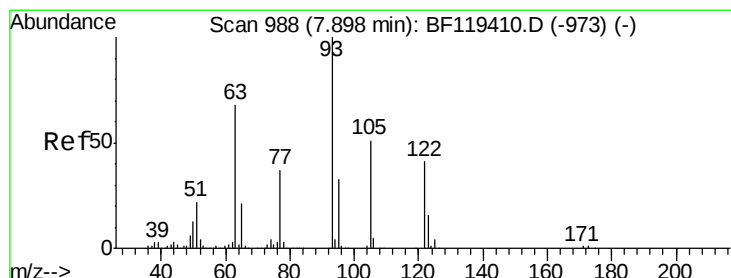
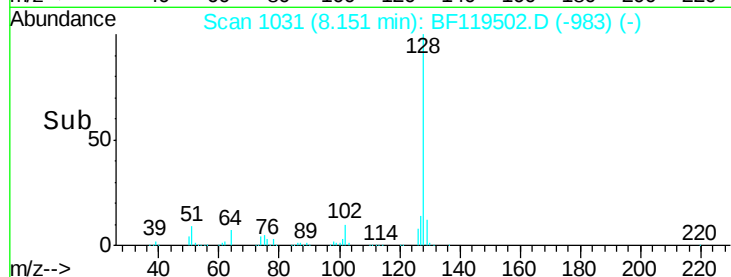
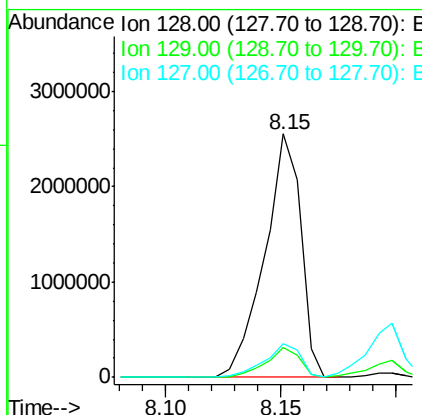
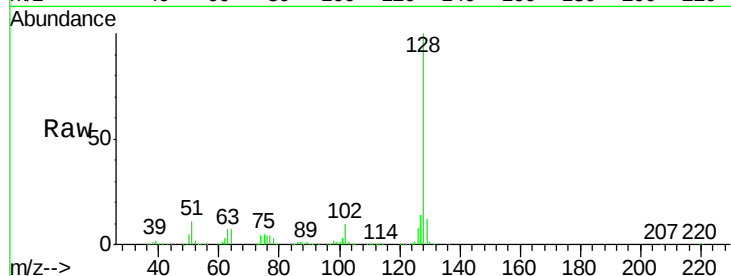
#31
Naphthalene
Concen: 38.938 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:128 Resp: 2783132
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.8 11.0 16.4

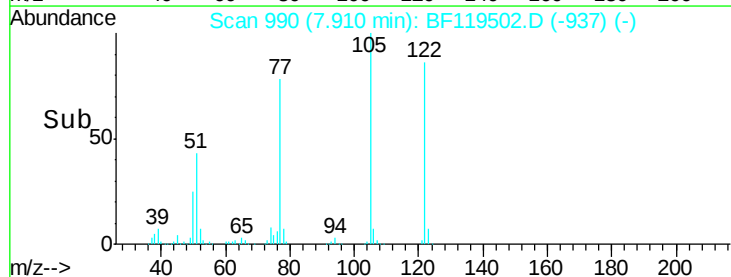
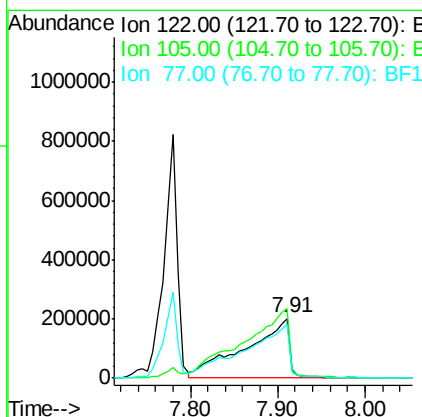
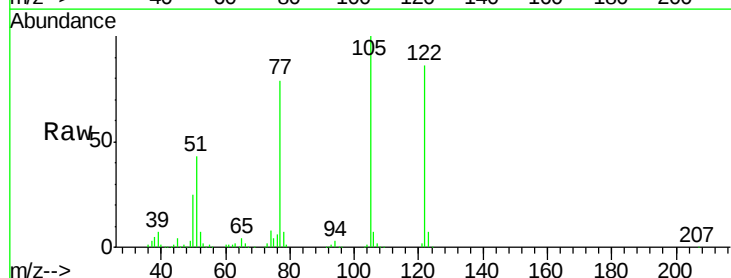
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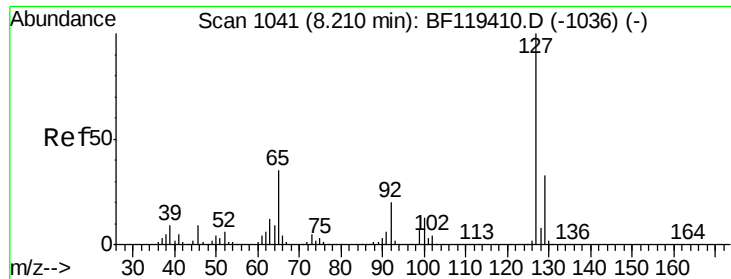
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#32
Benzoic acid
Concen: 47.625 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:122 Resp: 681196
Ion Ratio Lower Upper
122 100
105 116.4 102.9 142.9
77 91.4 70.1 110.1





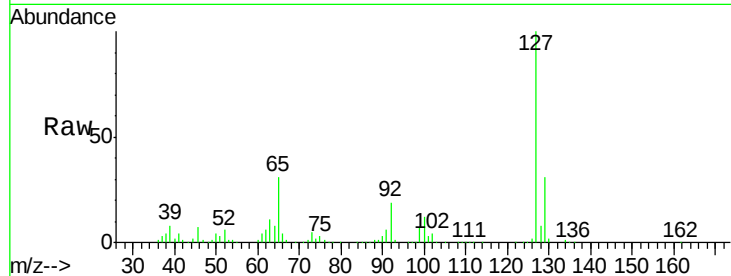
#33
4-Chloroaniline
Concen: 18.417 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

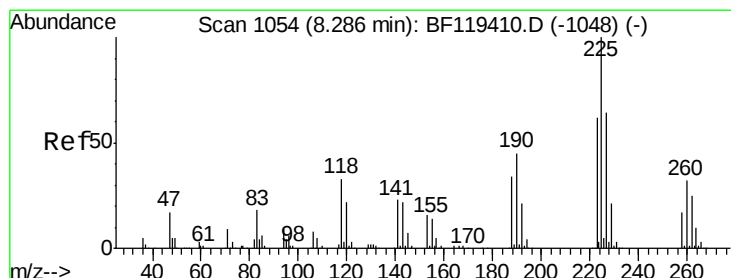
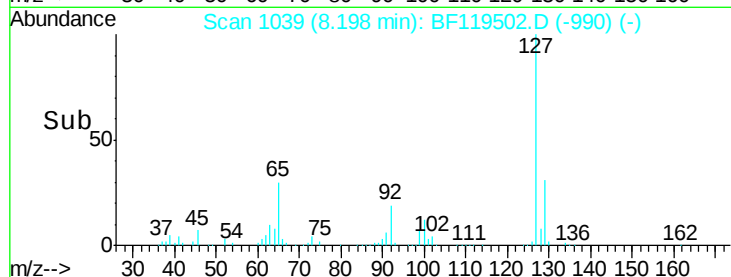
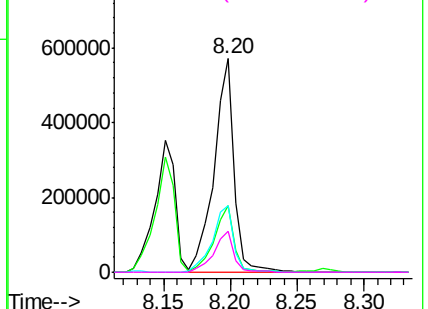
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		603167		
129	31.5	26.2	39.4		
65	31.1	27.7	41.5		
92	19.1	15.8	23.6		

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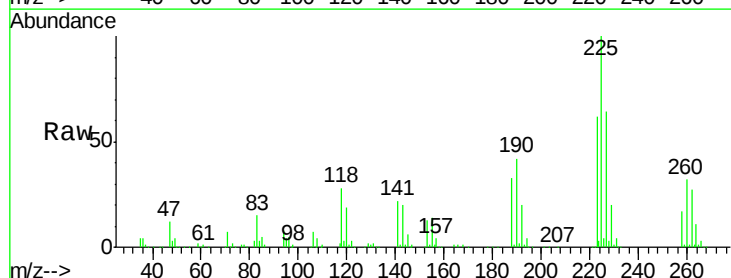


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

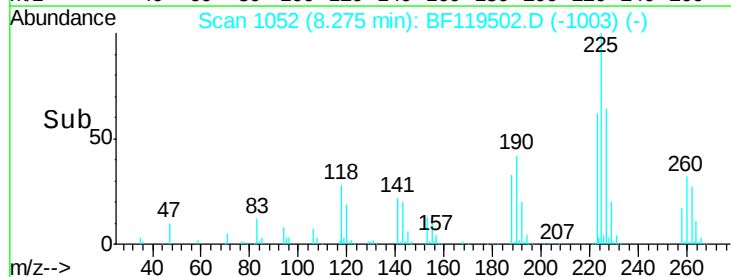
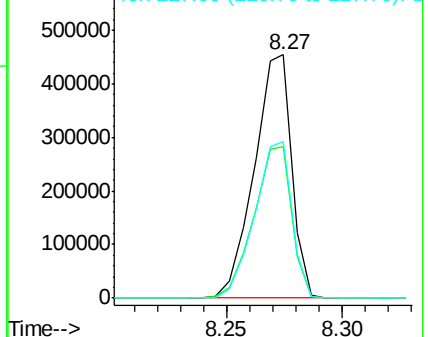


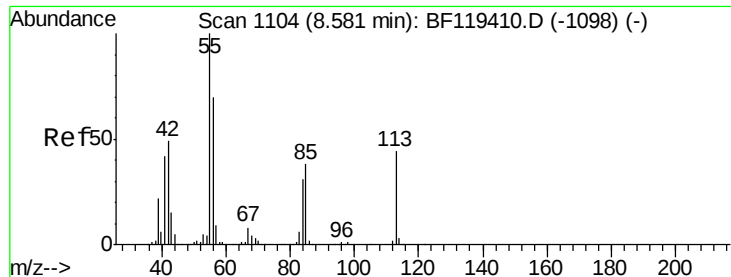
#34
Hexachlorobutadiene
Concen: 40.649 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		513885		
223	62.2	49.2	73.8		
227	64.3	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





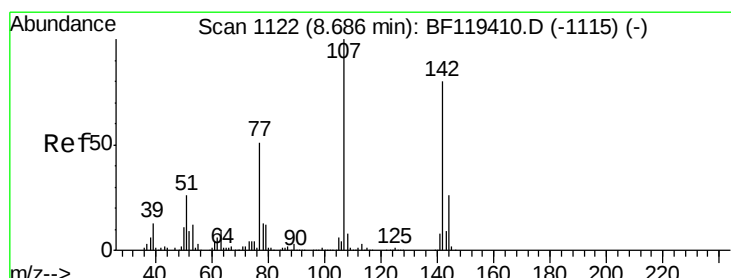
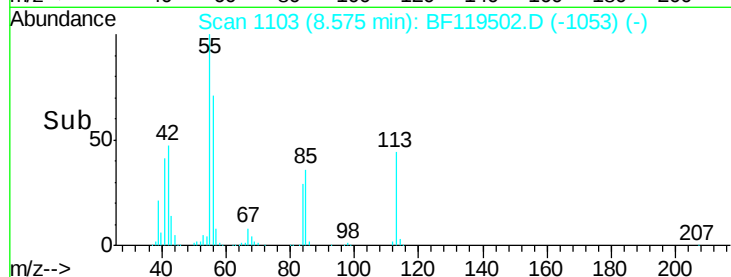
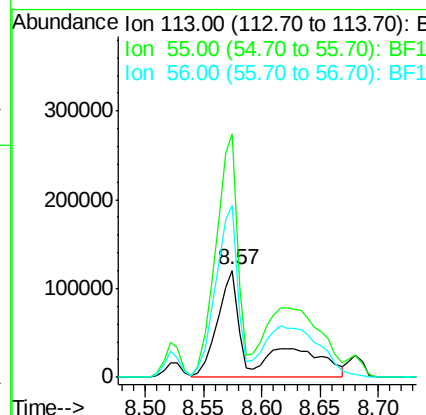
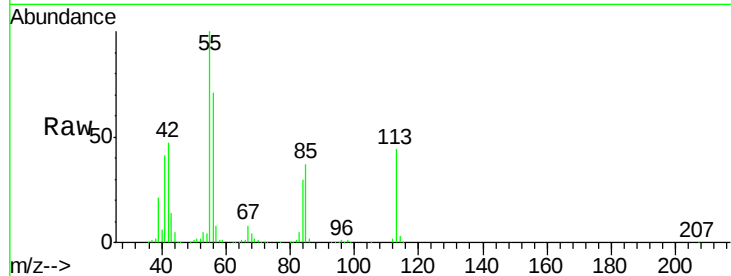
#35
Caprolactam
Concen: 39.138 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.2	208.4	248.4
56	160.8	138.9	178.9

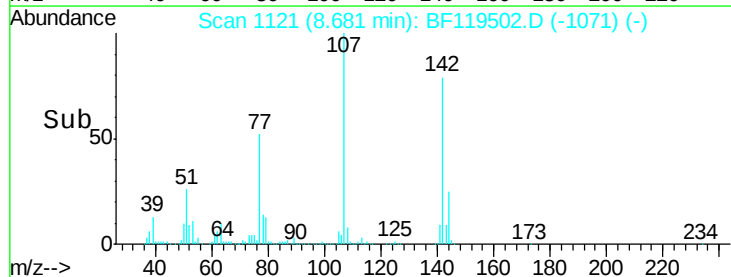
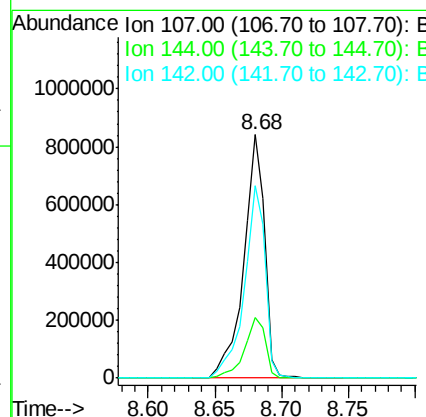
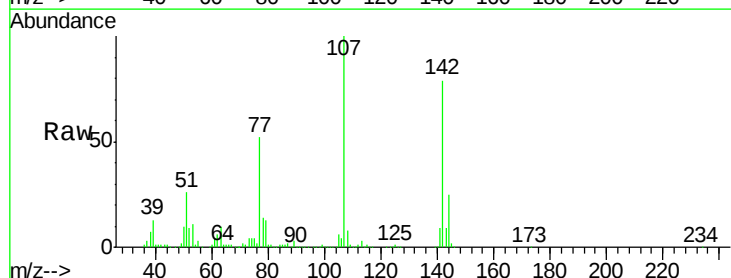
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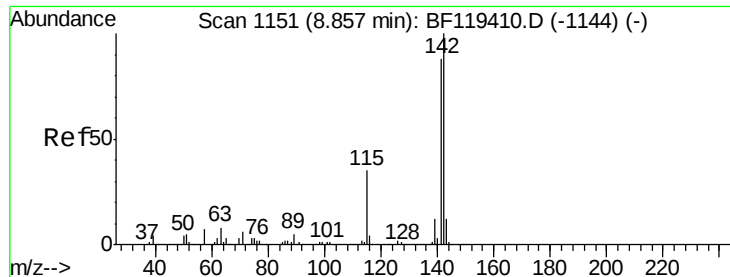
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#36
4-Chloro-3-methylphenol
Concen: 40.864 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.6	31.0
142	79.1	63.8	95.6





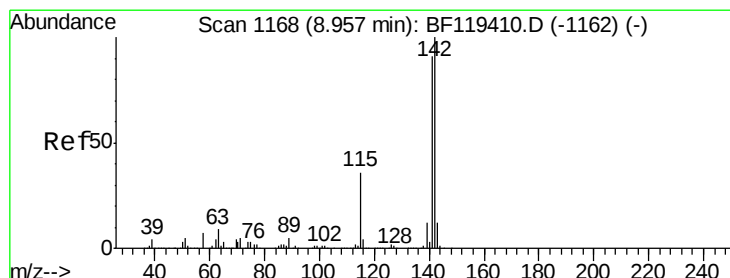
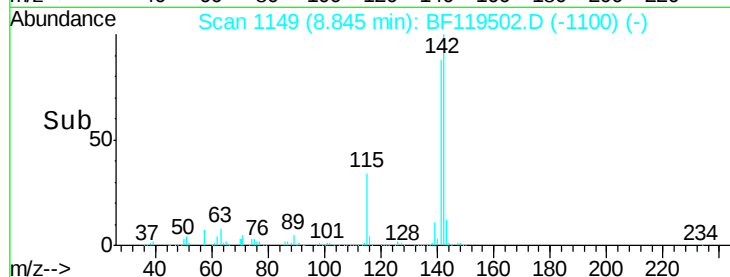
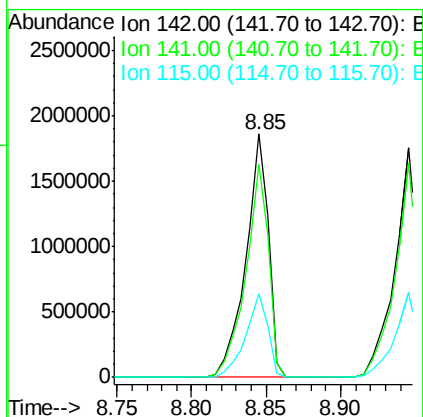
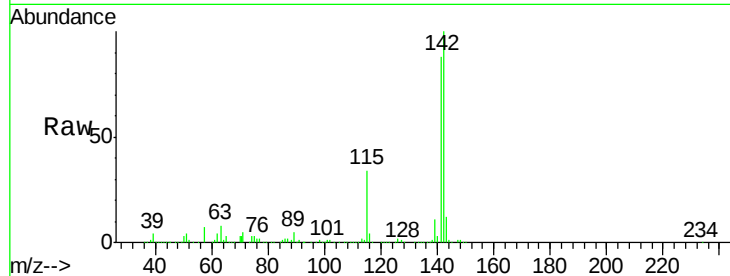
#37
2-Methylnaphthalene
Concen: 41.387 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	34.4	27.8	41.6

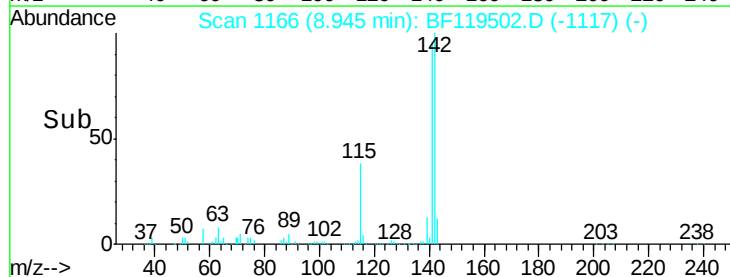
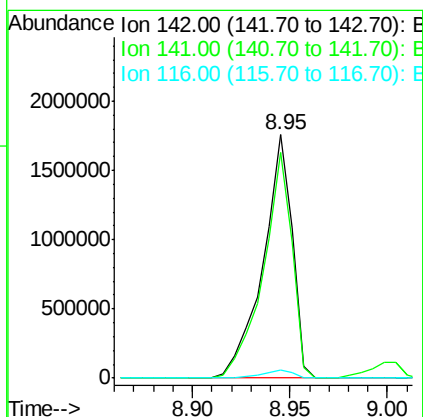
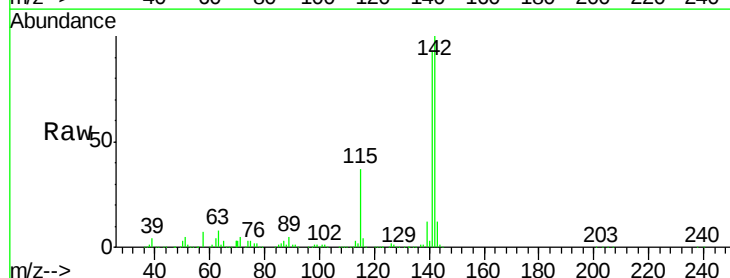
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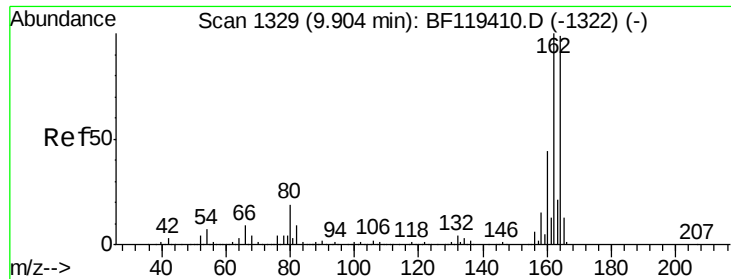
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#38
1-Methylnaphthalene
Concen: 41.066 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.1	109.7
116	3.6	3.0	4.6





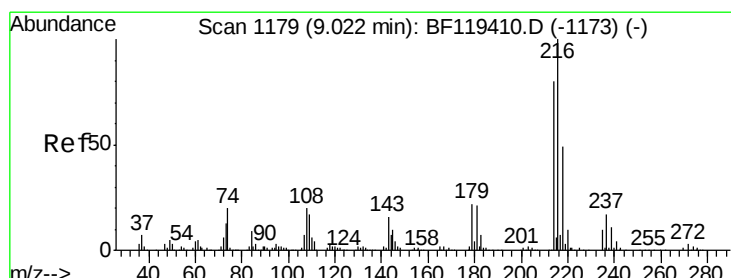
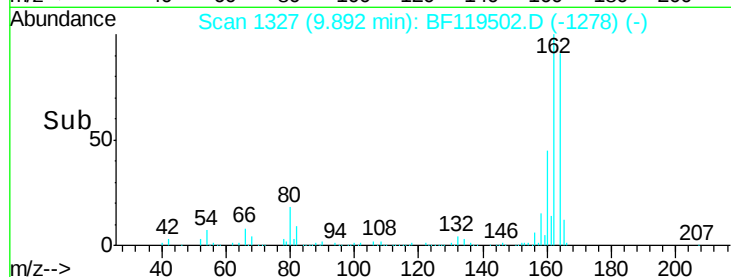
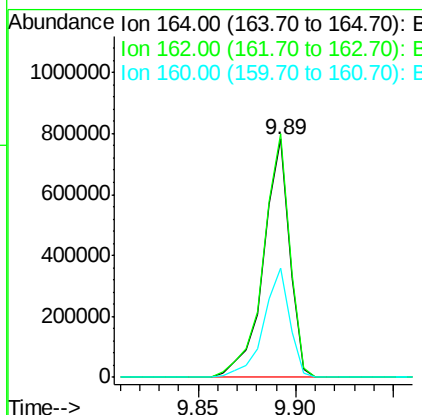
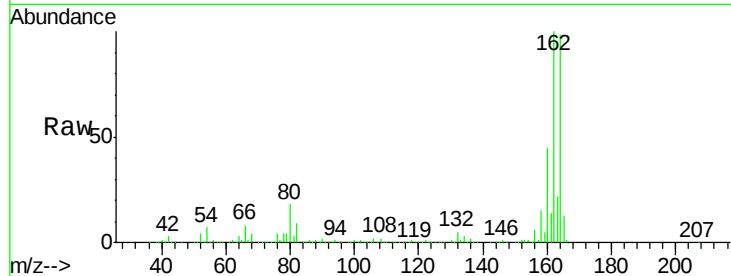
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	80.7	121.1	
160	46.0	35.5	53.3	

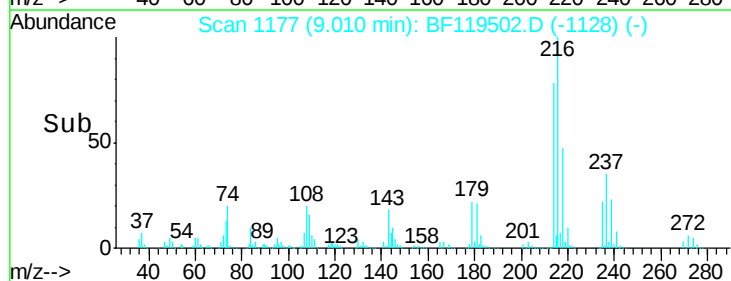
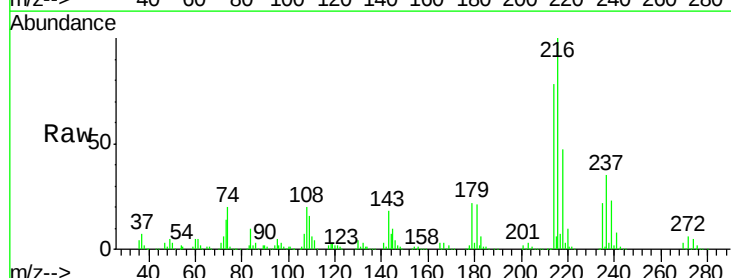
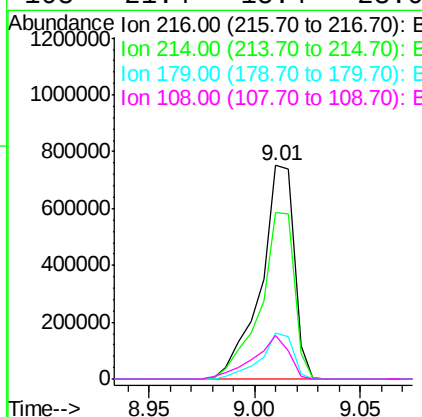
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.540 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.0	94.6	
179	20.9	17.0	25.4	
108	21.4	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 83.358 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:237 Resp: 1016626

Ion Ratio Lower Upper

237 100

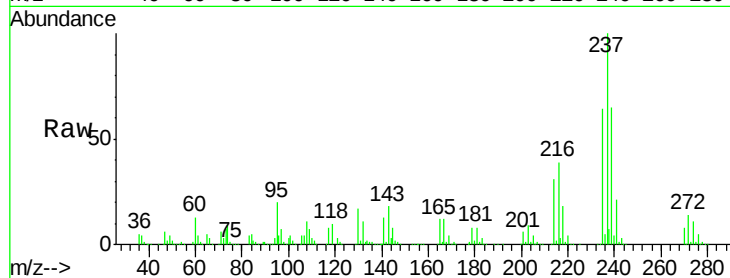
235 64.0 42.5 82.5

272 14.4 0.0 34.3

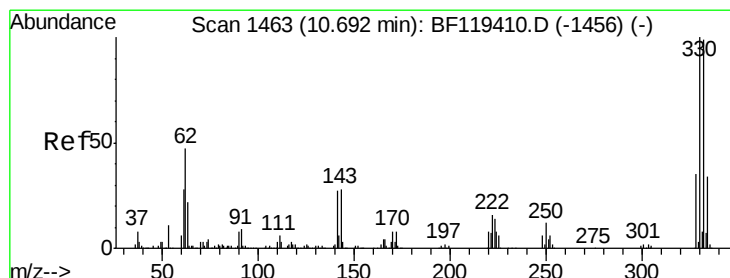
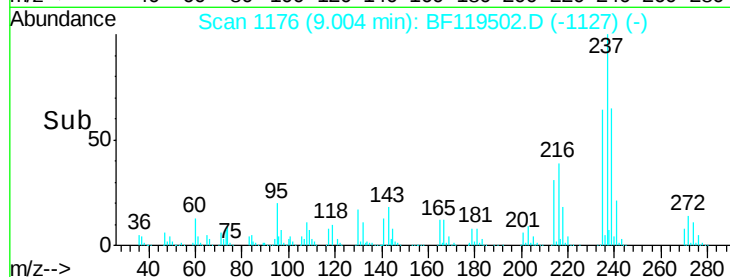
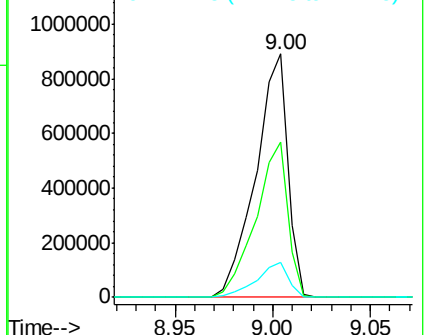
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.772 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

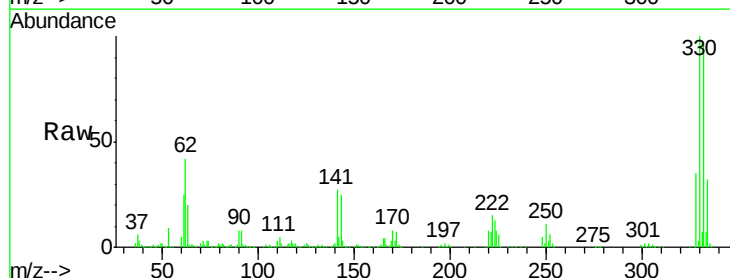
Tgt Ion:330 Resp: 934563

Ion Ratio Lower Upper

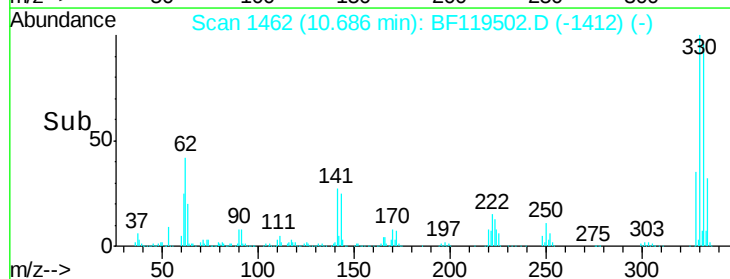
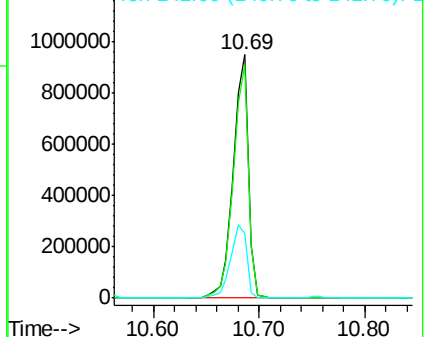
330 100

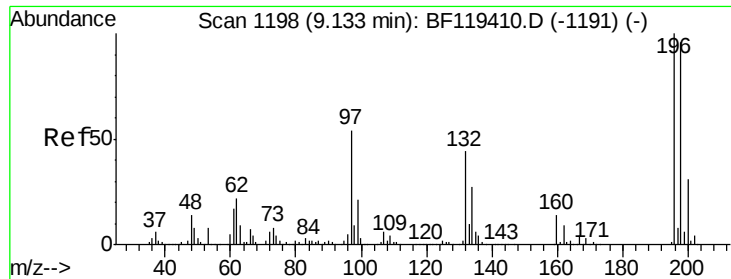
332 96.0 77.6 116.4

141 32.3 26.6 40.0



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





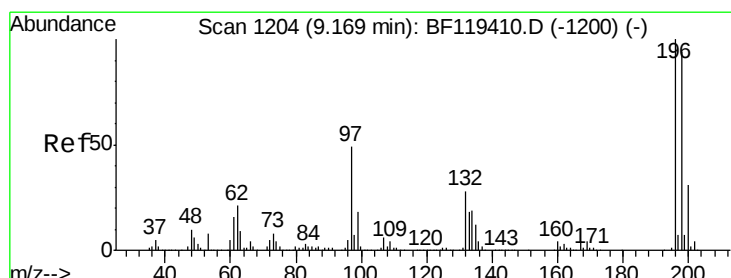
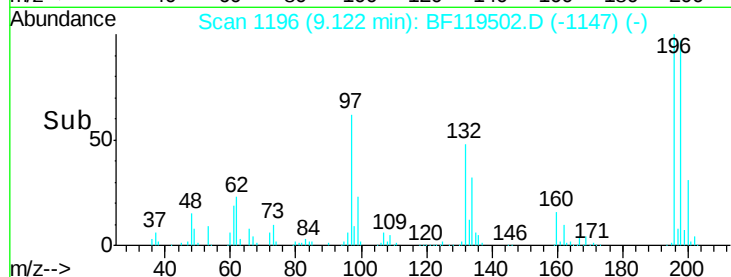
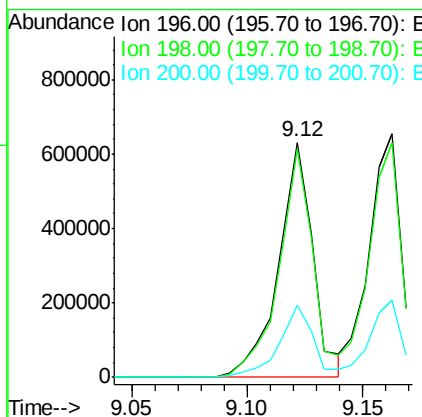
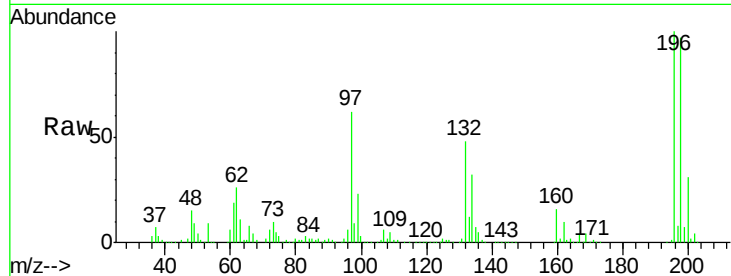
#43
 2,4,6-Trichlorophenol
 Concen: 42.261 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	648779		
198	97.4	77.0	115.4	
200	30.8	25.1	37.7	

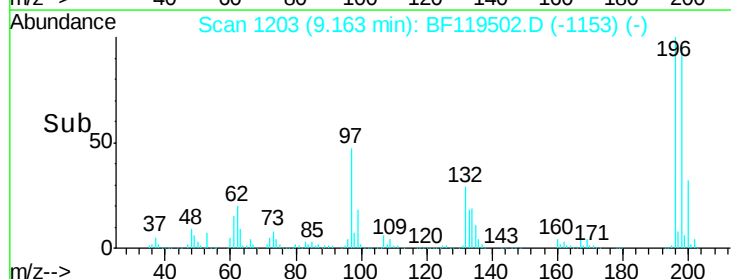
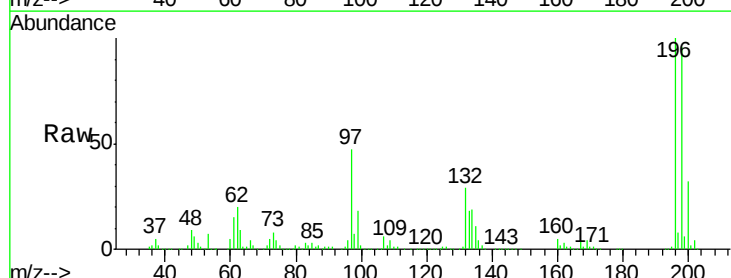
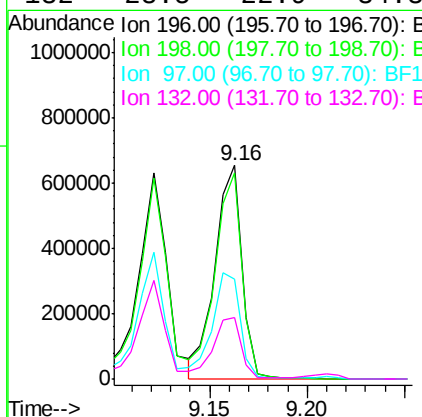
Manual Integrations
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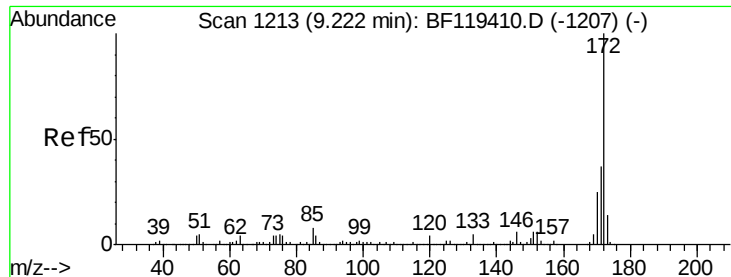
mohammad
 3/27/2020 8:11:42 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.669 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	630615		
198	96.2	75.3	112.9	
97	46.8	39.0	58.4	
132	28.5	22.9	34.3	





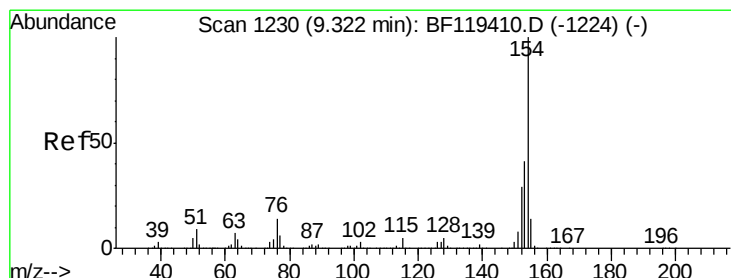
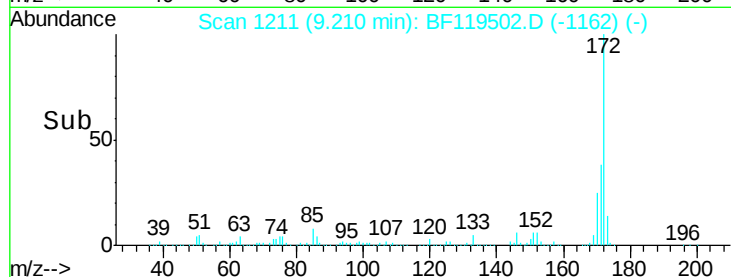
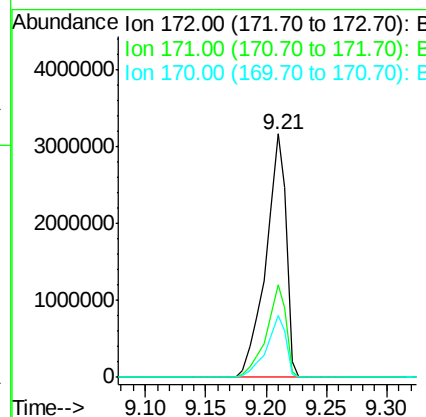
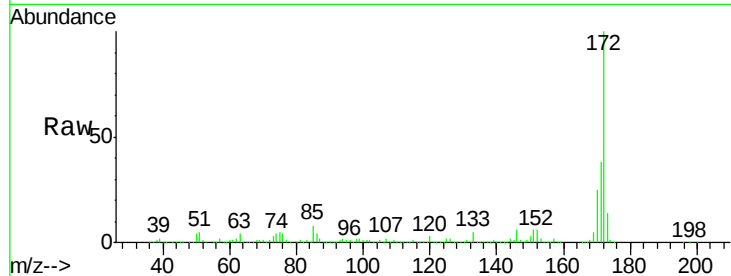
#45
2-Fluorobiphenyl
Concen: 75.285 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	25.2	20.1	30.1

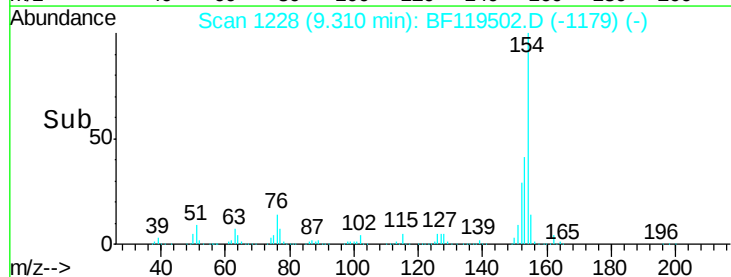
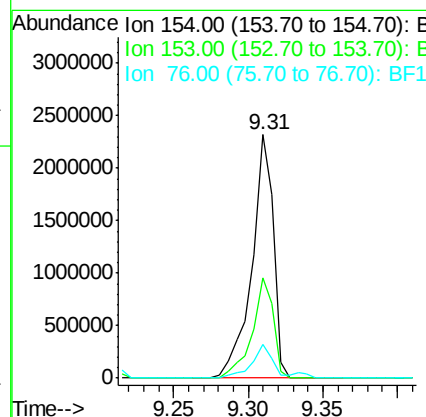
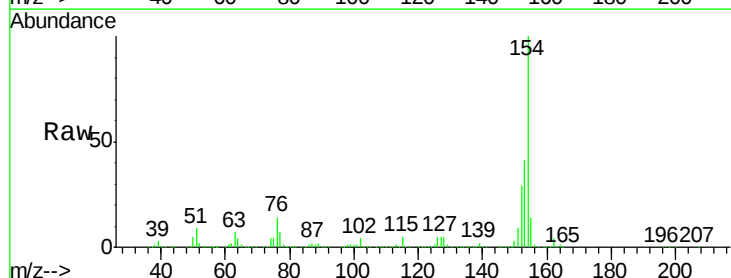
Manual Integrations
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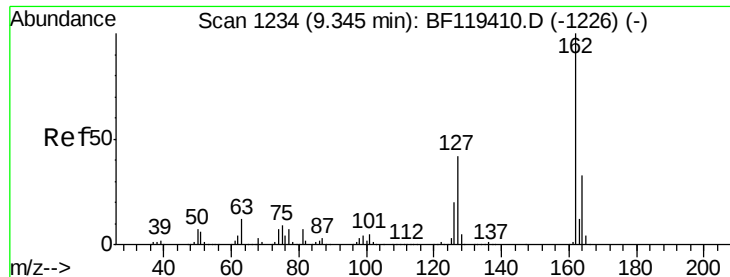
mohammad
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#46
1,1'-Biphenyl
Concen: 38.487 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	14.0	0.0	33.6





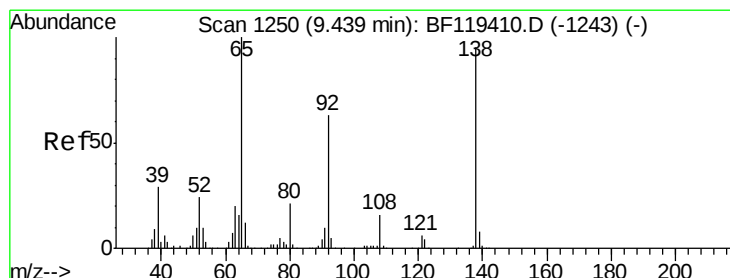
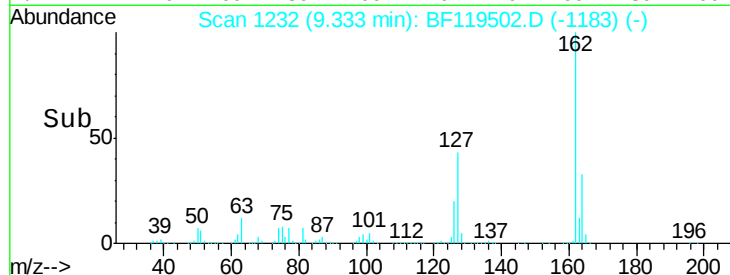
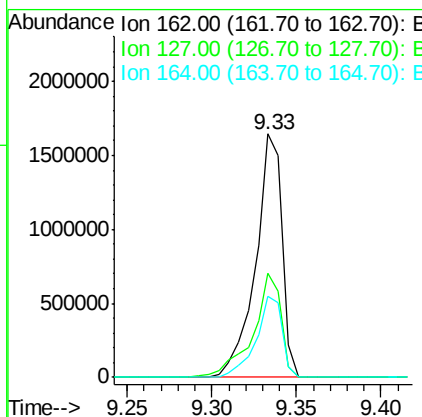
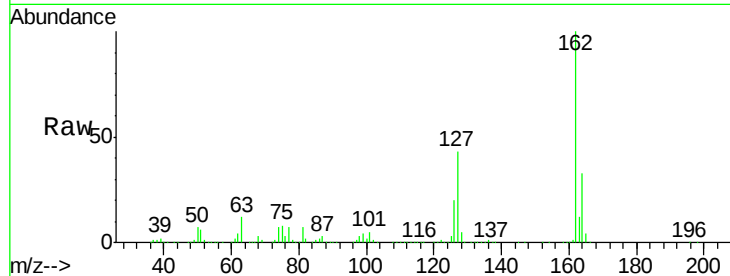
#47
 2-Chloronaphthalene
 Concen: 38.391 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.7	50.5
164	33.3	26.2	39.4

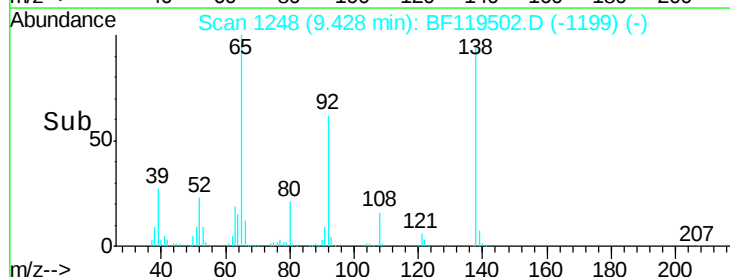
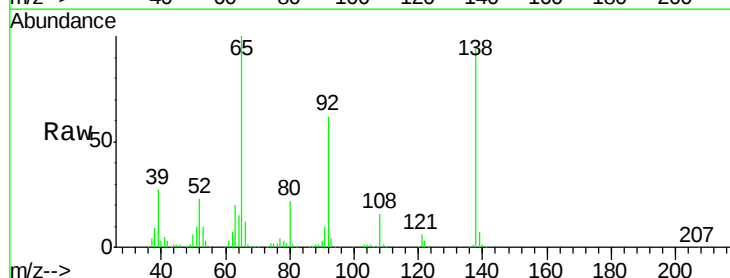
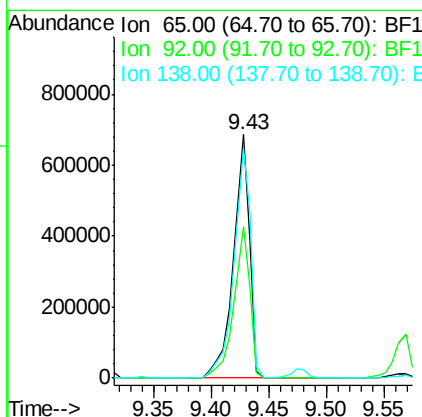
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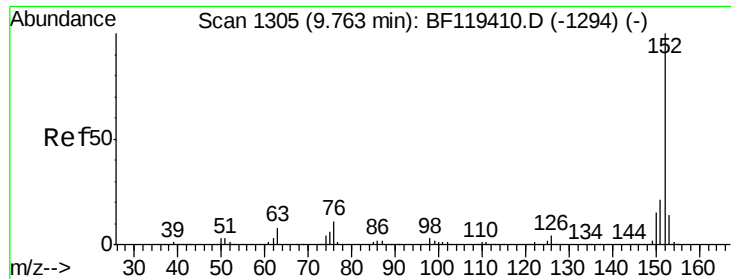
mohammad
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#48
 2-Nitroaniline
 Concen: 40.957 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	50.5	75.7
138	94.5	75.8	113.8





#49

Acenaphthylene

Concen: 38.239 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:152 Resp: 2803810

Ion Ratio Lower Upper

152 100

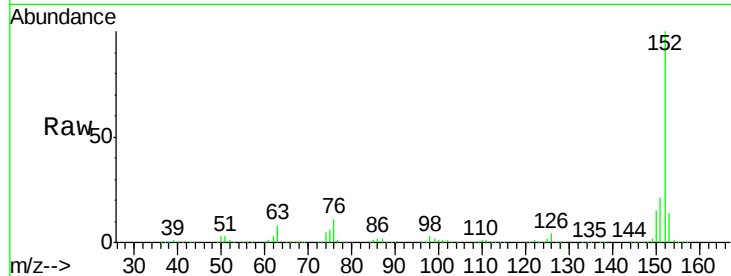
151 21.0 16.8 25.2

153 14.1 11.2 16.8

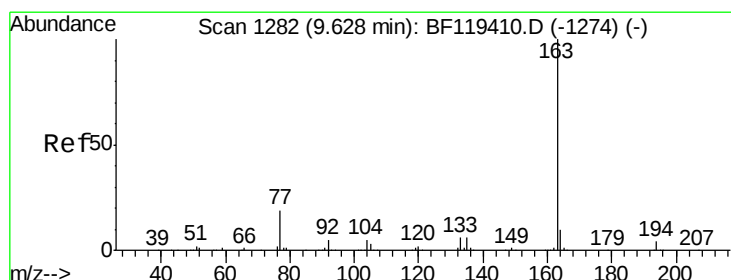
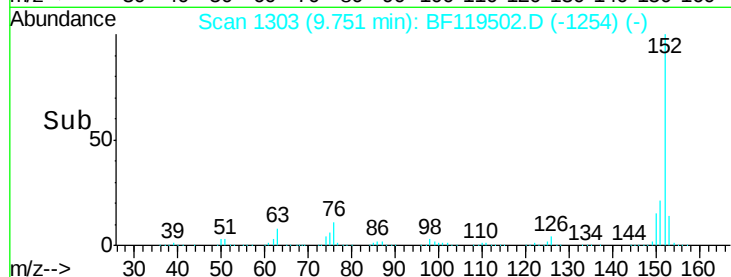
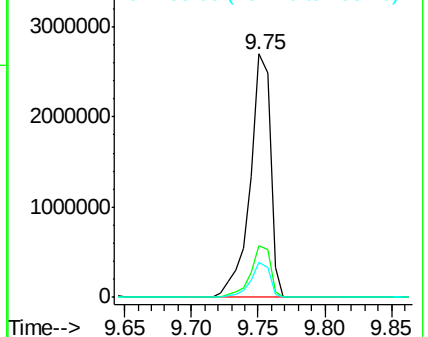
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.731 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

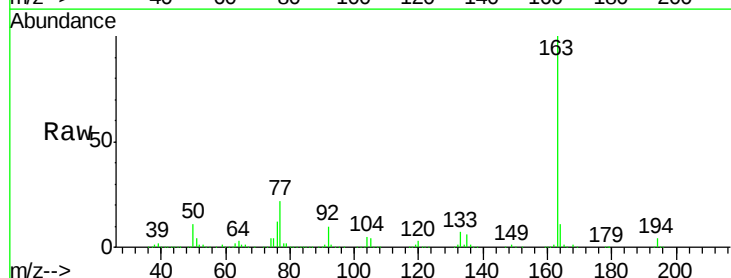
Tgt Ion:163 Resp: 2117478

Ion Ratio Lower Upper

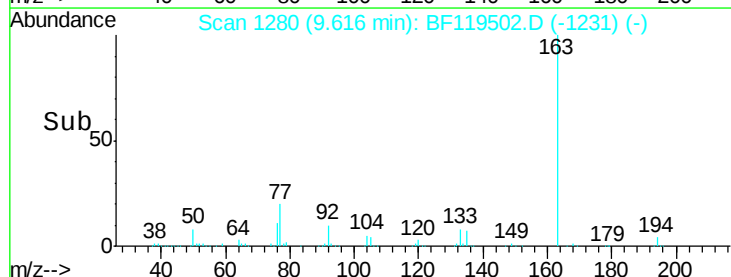
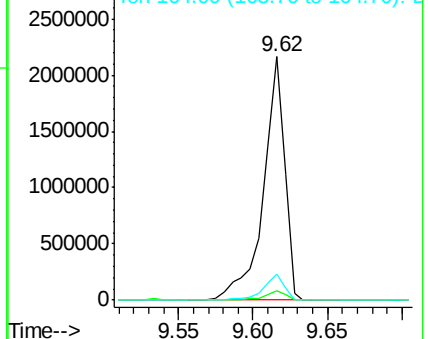
163 100

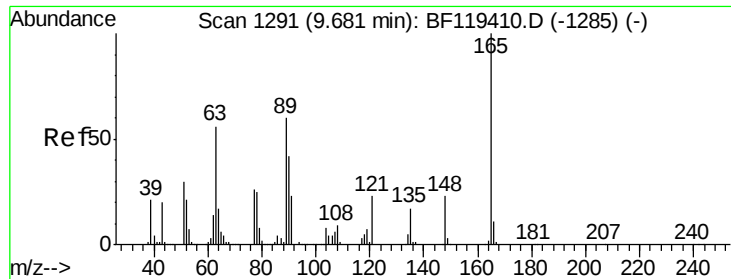
194 4.0 3.2 4.8

164 10.6 8.1 12.1



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





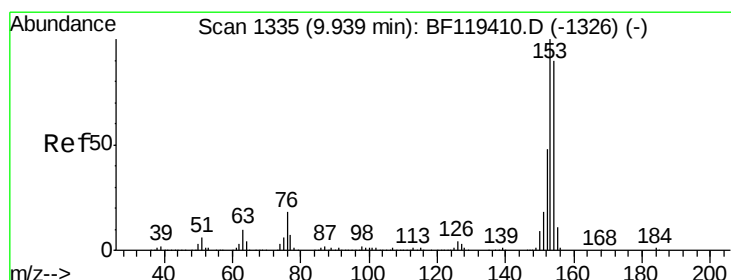
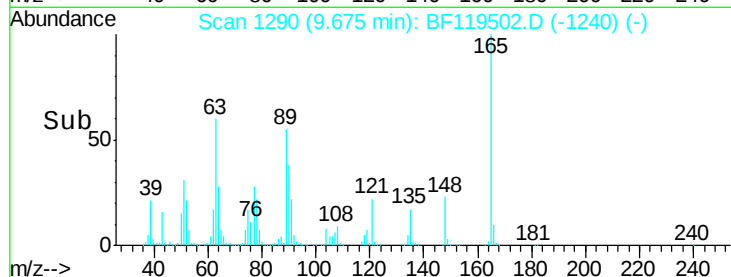
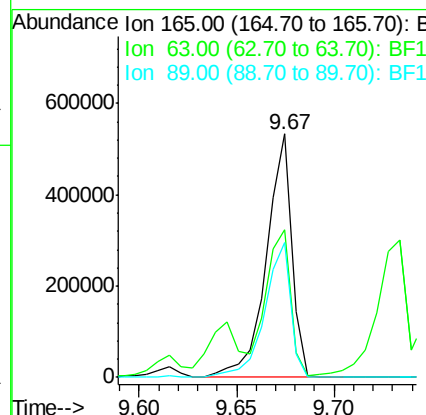
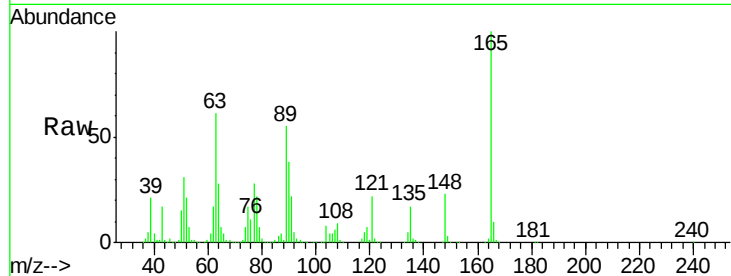
#51
2,6-Dinitrotoluene
Concen: 43.371 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	57.3	85.9
89	55.1	47.8	71.8

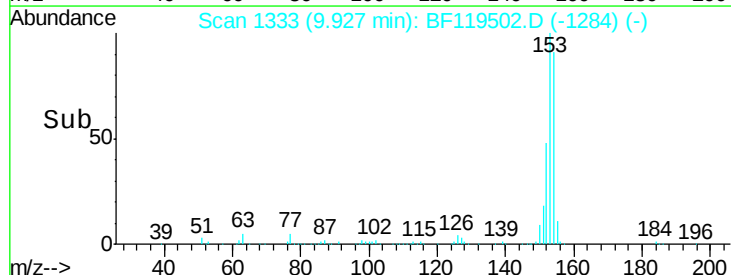
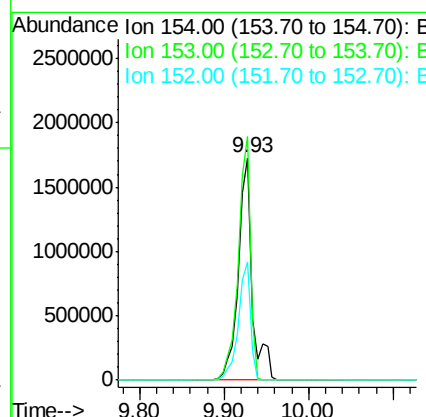
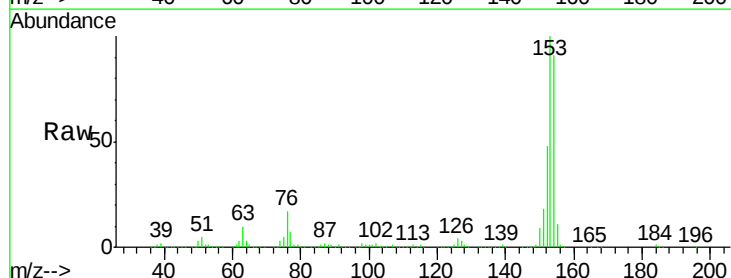
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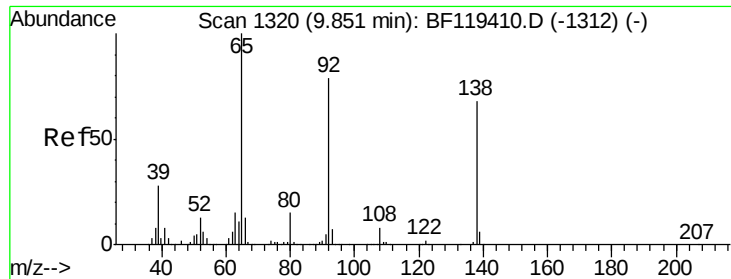
mohammad
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#52
Acenaphthene
Concen: 42.990 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.0	133.6
152	53.1	43.1	64.7





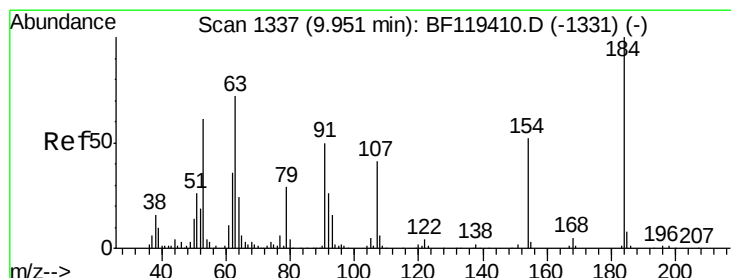
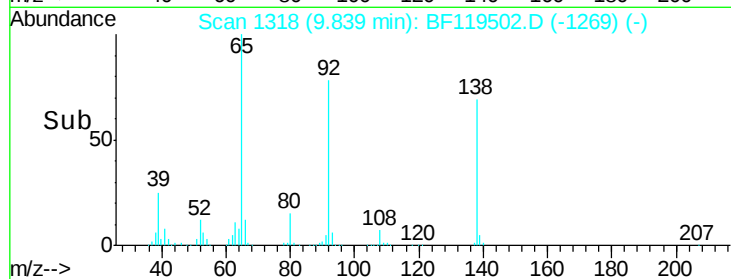
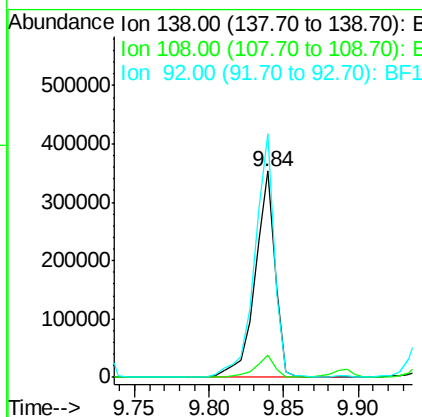
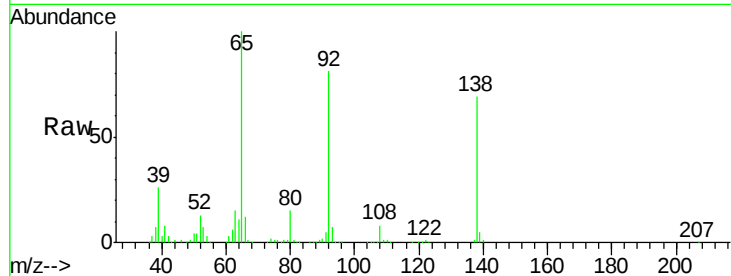
#53
3-Nitroaniline
Concen: 22.965 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.6
92	117.9	93.2	139.8

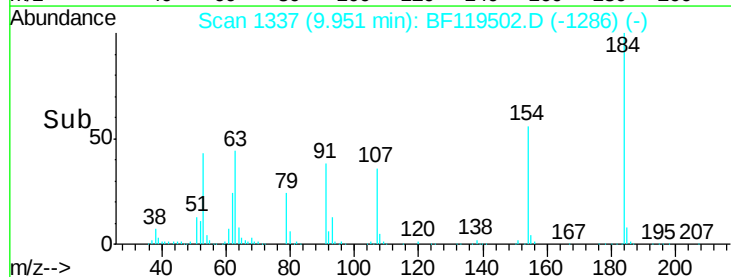
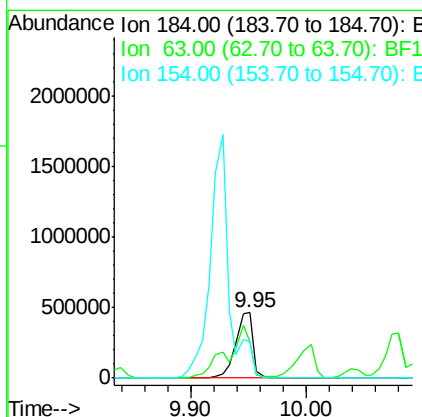
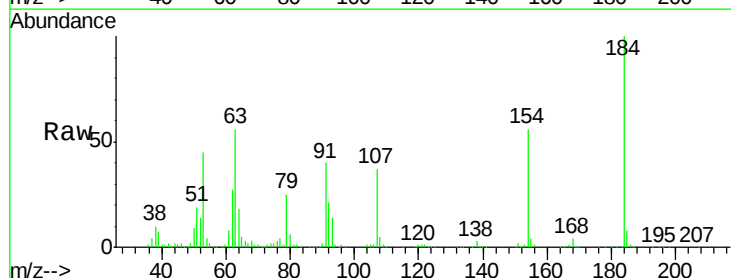
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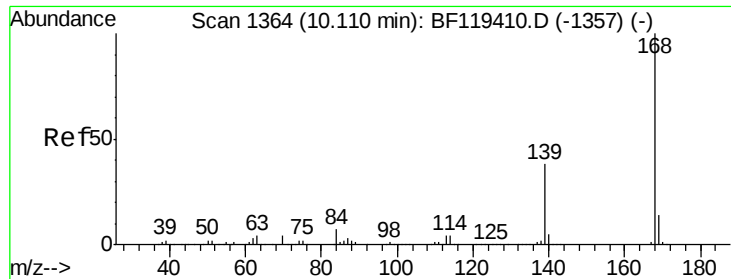
mohammad
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#54
2,4-Dinitrophenol
Concen: 99.171 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	58.5	87.7#
154	56.1	51.8	77.6





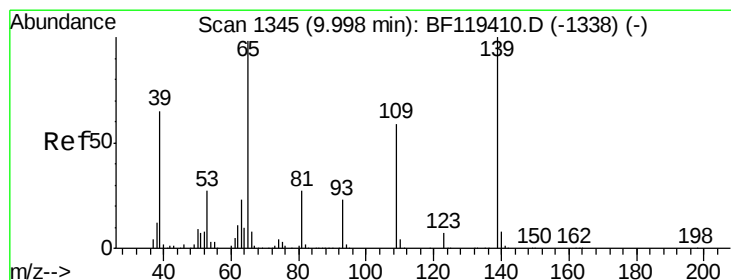
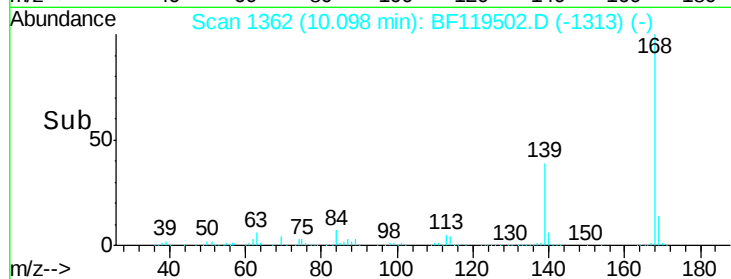
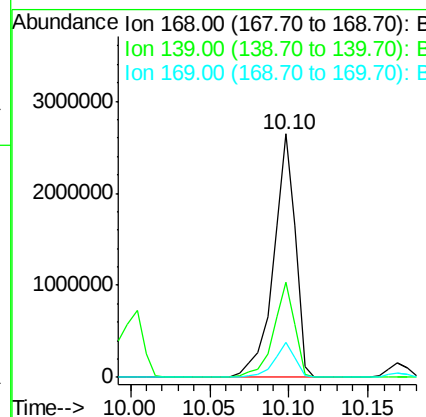
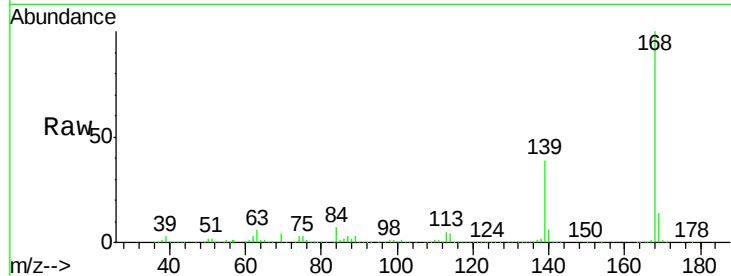
#55
Dibenzenofuran
Concen: 38.700 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.4	11.1	16.7

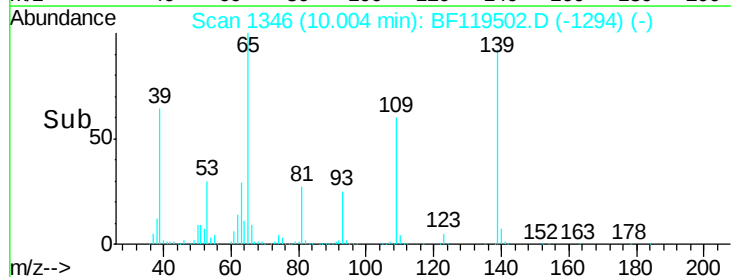
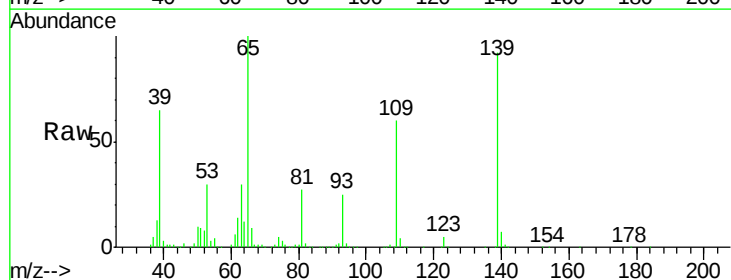
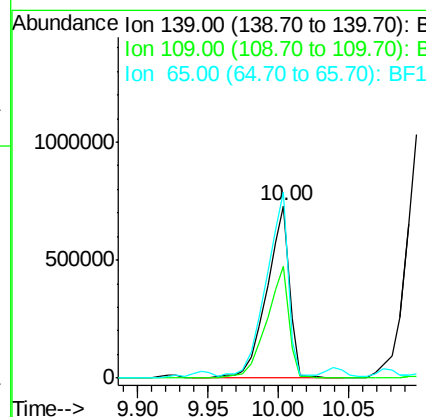
Manual Integrations
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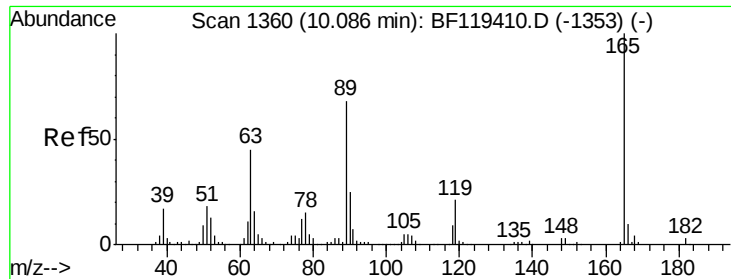
mohammad
3/27/2020 8:11:42 AM



#56
4-Nitrophenol
Concen: 74.211 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	39.6	79.6
65	108.5	78.3	118.3





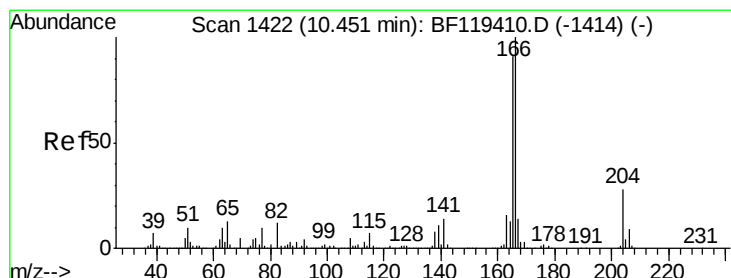
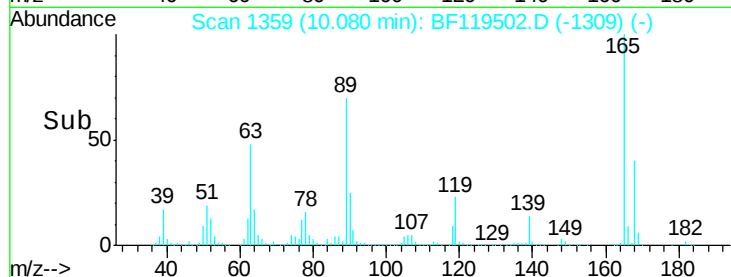
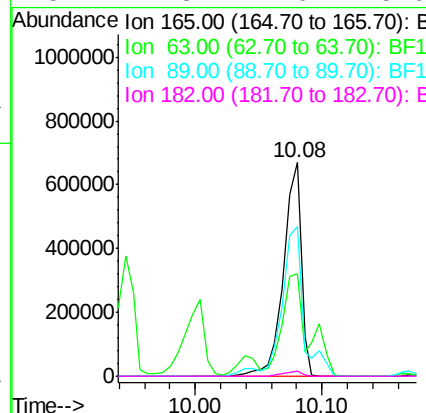
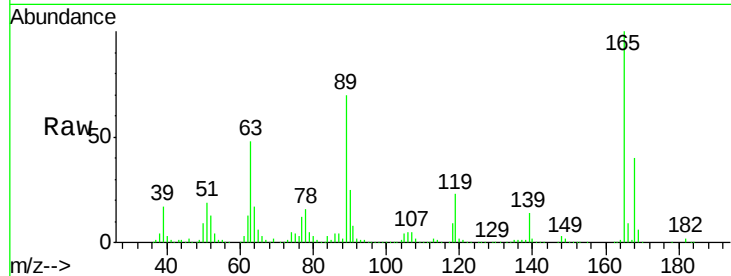
#57
2,4-Dinitrotoluene
Concen: 45.993 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:	165	Resp:	645617
Ion Ratio	Lower	Upper	
165	100		
63	47.8	36.2	54.4
89	70.2	54.3	81.5
182	2.3	2.0	3.0

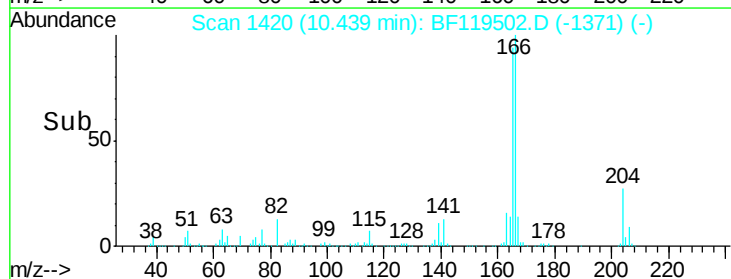
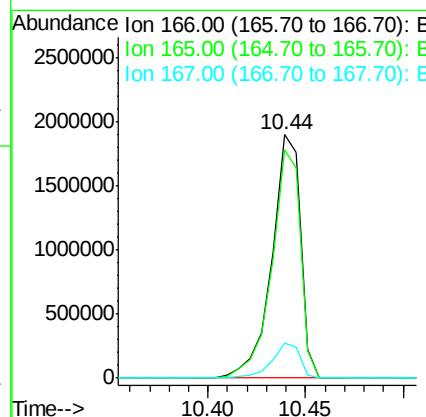
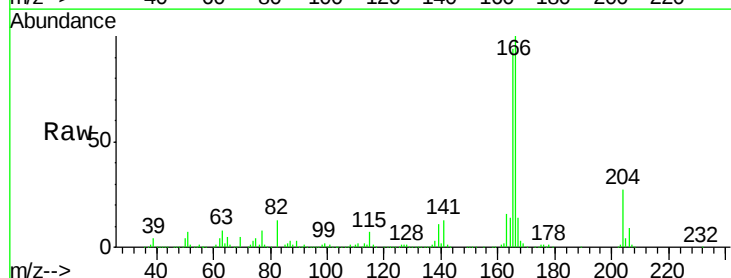
Manual Integrations
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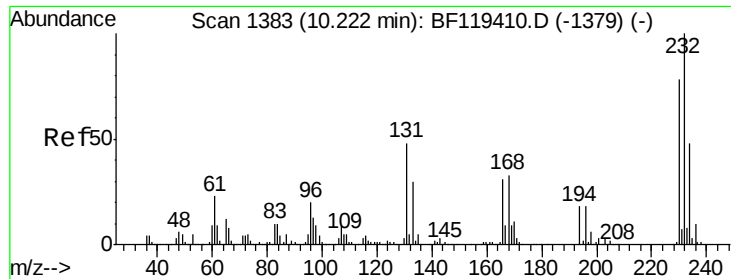
mohammad
3/27/2020 8:11:42 AM



#58
Fluorene
Concen: 39.837 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:	166	Resp:	1930697
Ion Ratio	Lower	Upper	
166	100		
165	94.0	73.1	109.7
167	14.3	11.0	16.6





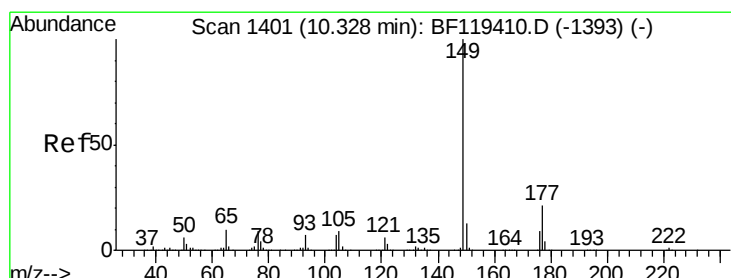
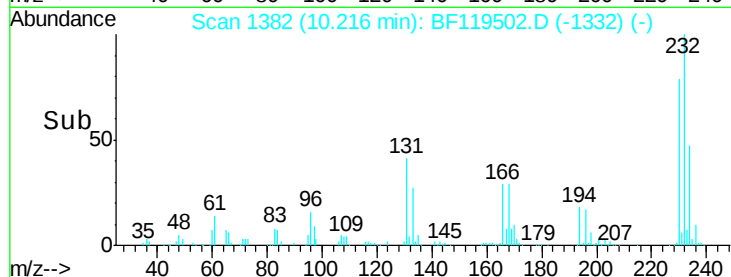
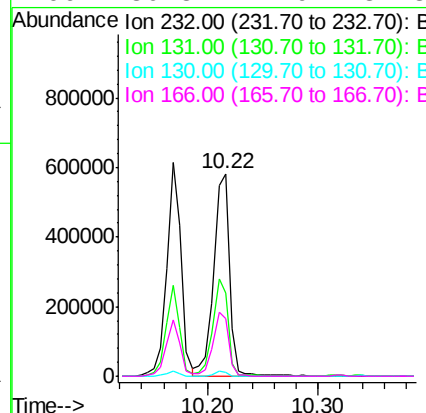
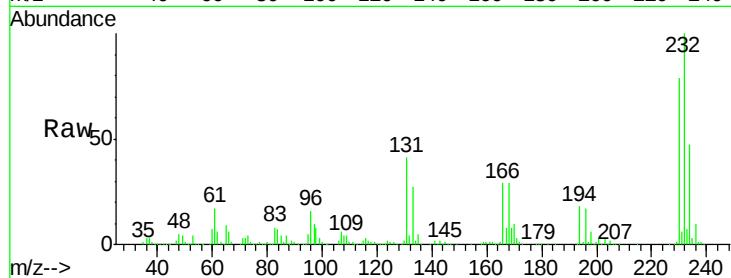
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.195 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.3	54.5
130	2.1	1.8	2.6
166	30.8	24.9	37.3

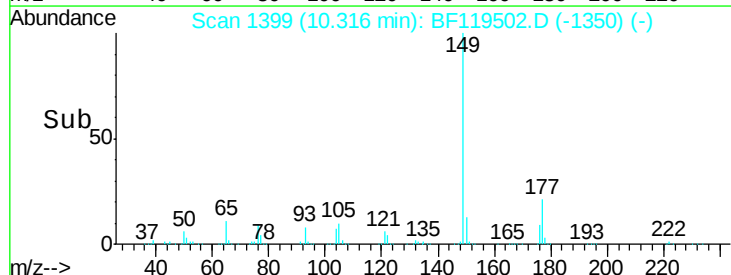
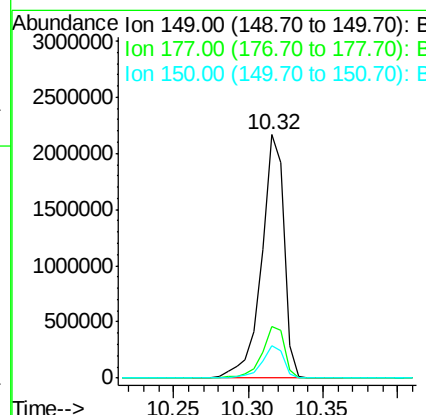
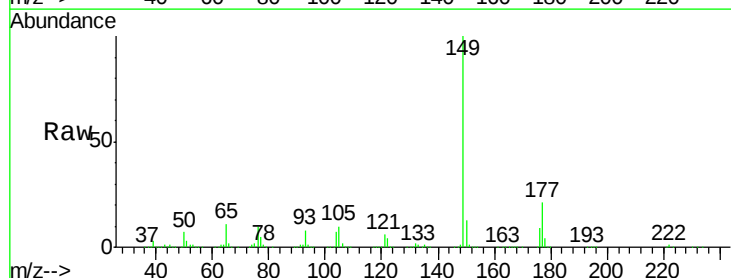
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#60
 Diethylphthalate
 Concen: 42.171 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.1	10.2	15.4





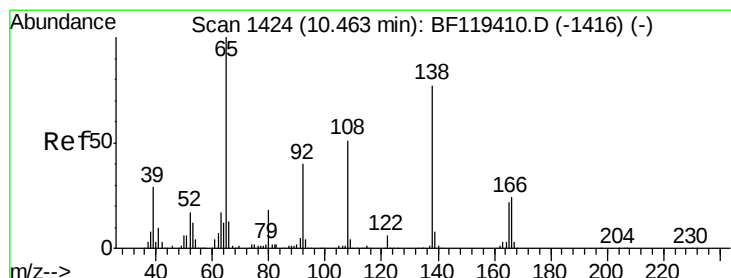
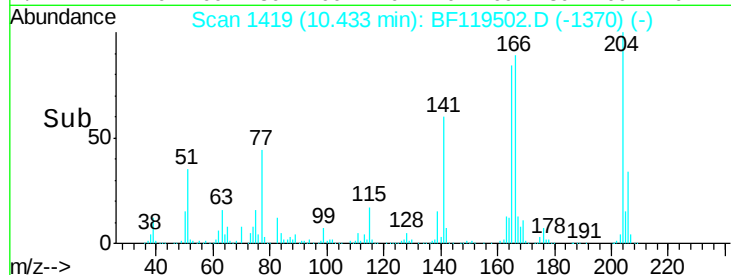
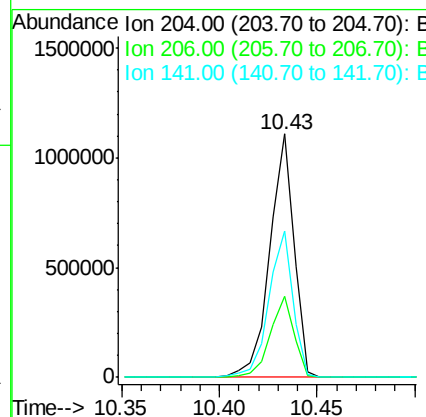
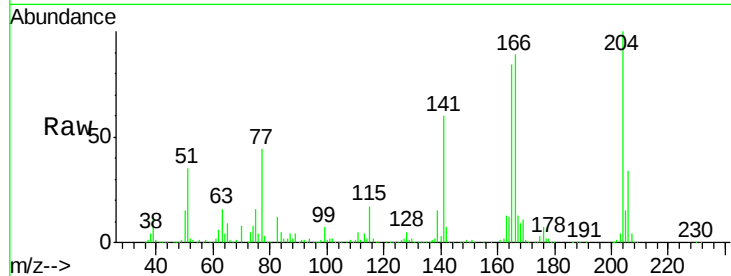
#61
 4-Chlorophenyl-phenylether
 Concen: 40.313 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampled :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	60.1	48.8	73.2

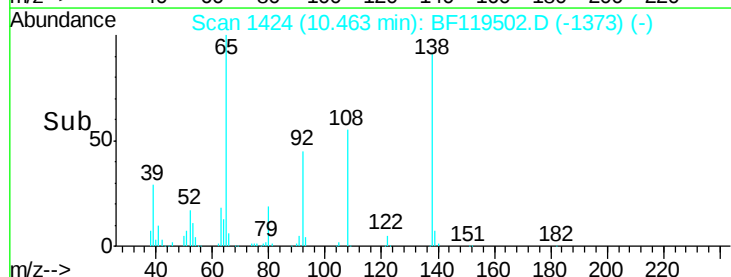
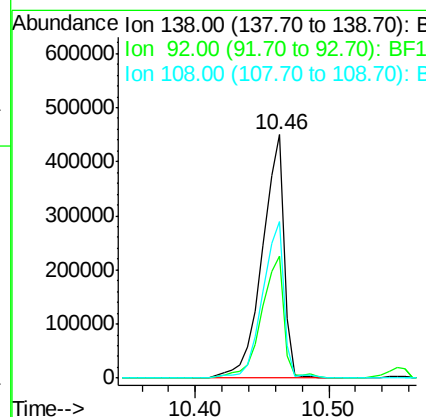
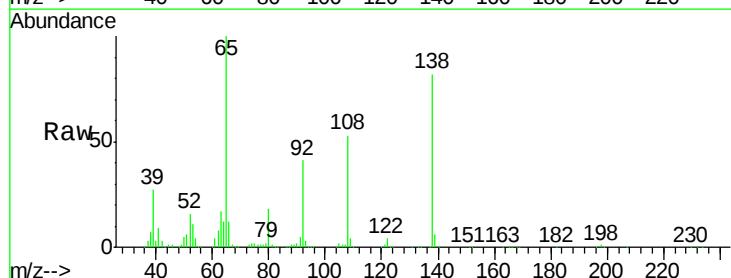
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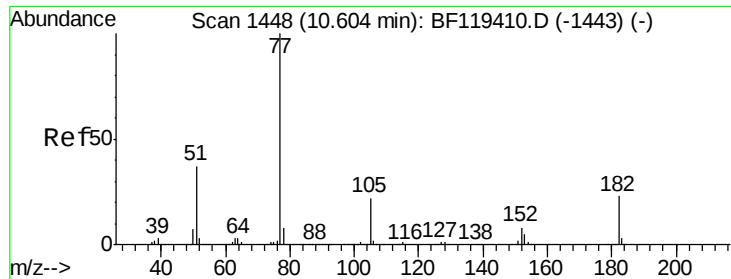
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#62
 4-Nitroaniline
 Concen: 37.451 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	32.0	72.0
108	64.4	46.0	86.0





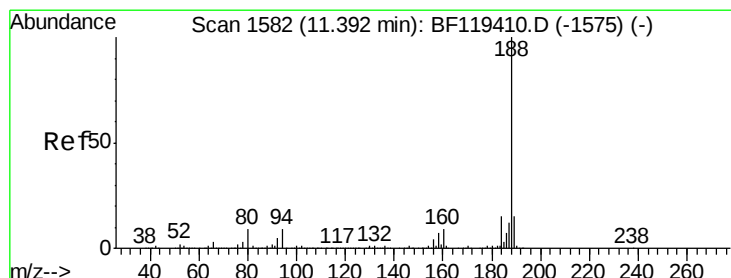
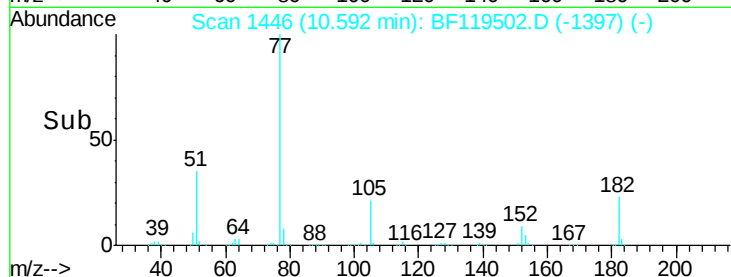
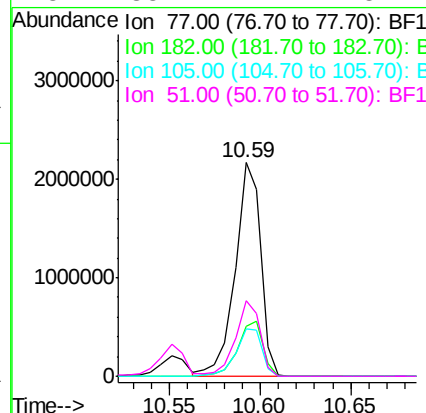
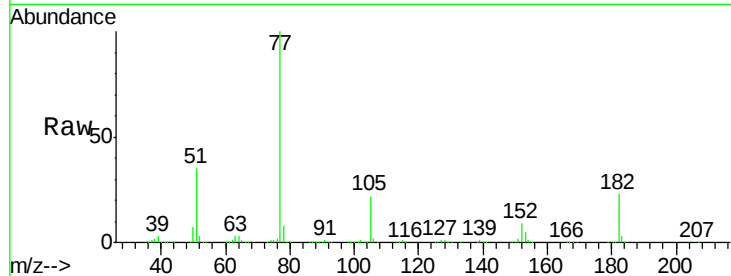
#63
Azobenzene
Concen: 39.869 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	2.5	42.5	
105	22.4	2.5	42.5	
51	35.4	17.1	57.1	

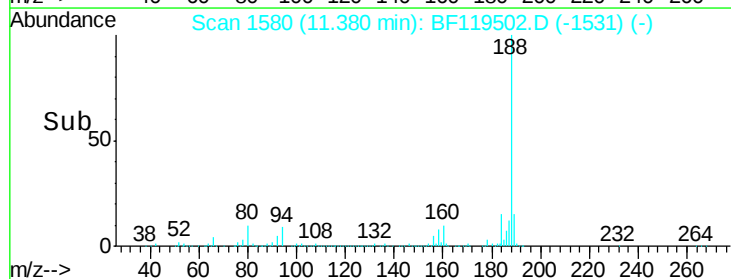
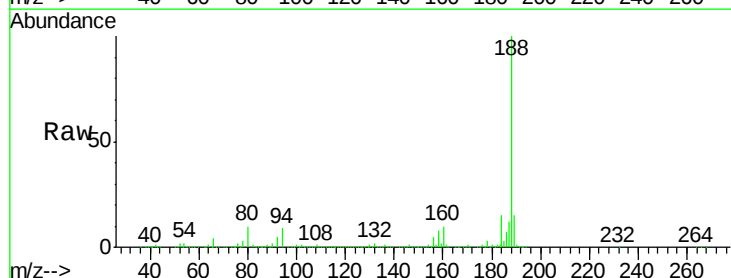
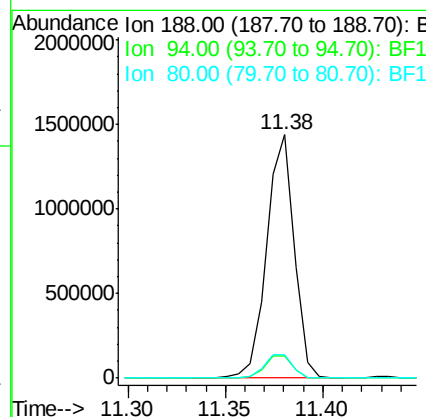
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.1	10.7	
80	9.8	7.5	11.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 55.114 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

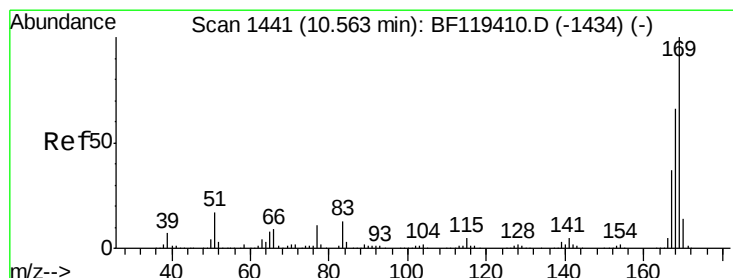
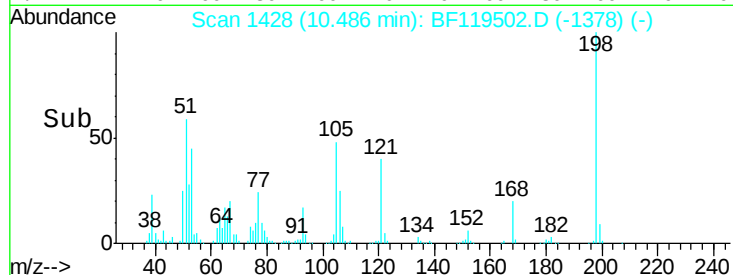
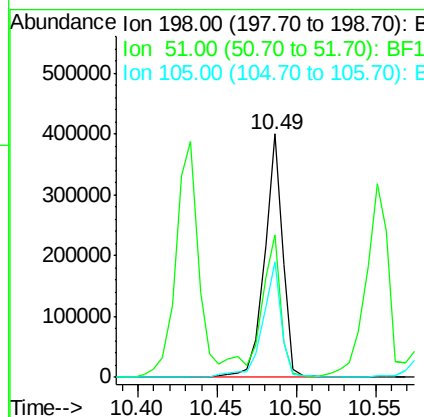
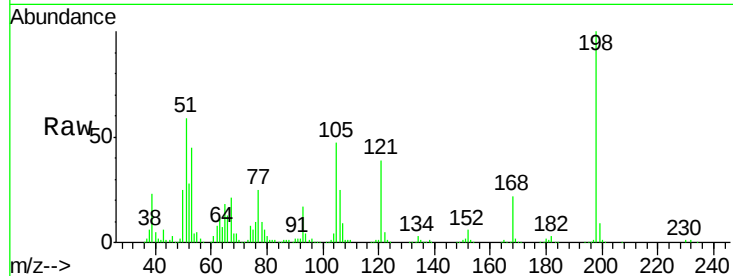
ClientSampleId :

PB127762BS

Tot Ion:	198	Resp:	323907
Ion Ratio	Lower	Upper	
198	100		
51	58.7	33.1	73.1
105	47.3	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 39.548 ng

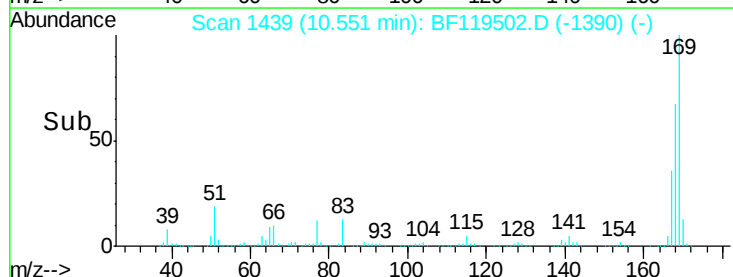
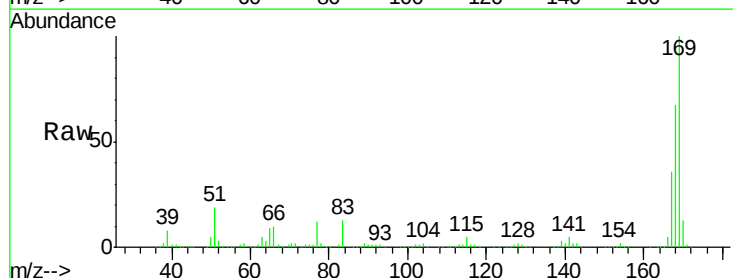
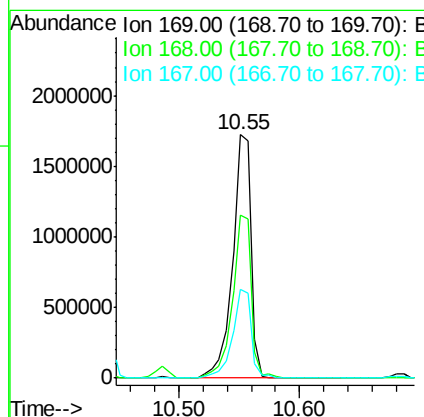
RT: 10.55 min Scan# 1439

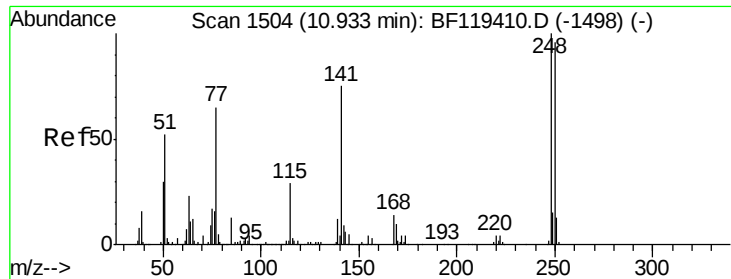
Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion:	169	Resp:	1819617
Ion Ratio	Lower	Upper	
169	100		
168	66.8	52.7	79.1
167	36.4	29.3	43.9





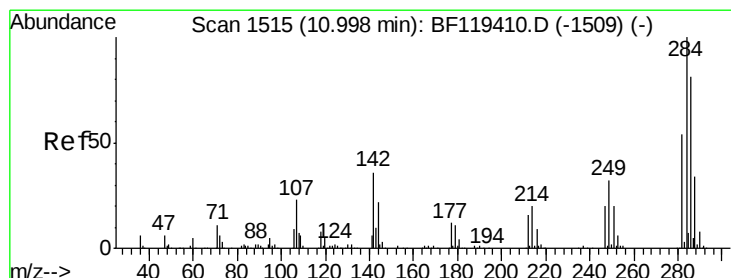
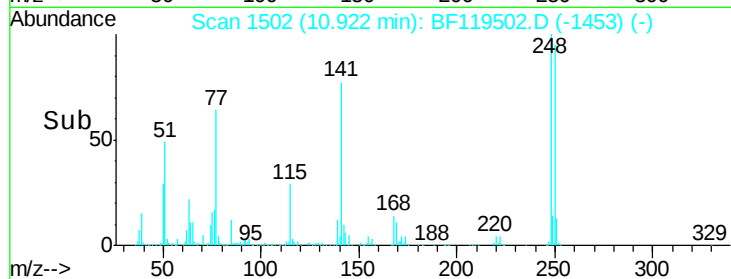
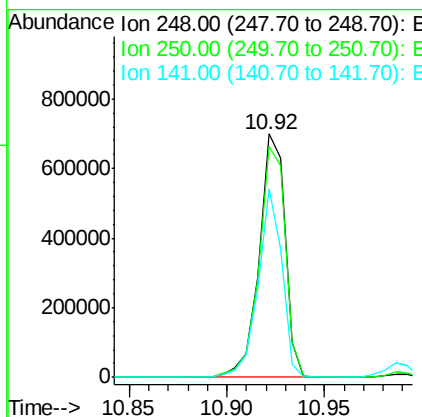
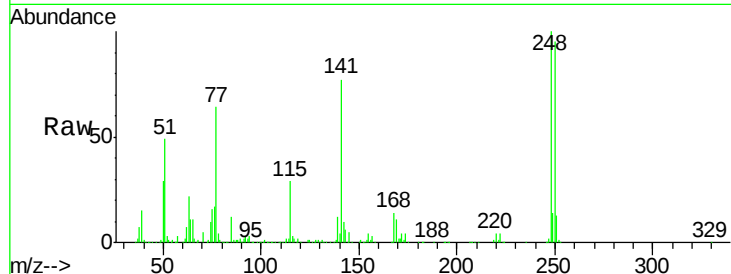
#67
4-Bromophenyl-phenylether
Concen: 40.271 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.0	115.6
141	77.4	59.7	89.5

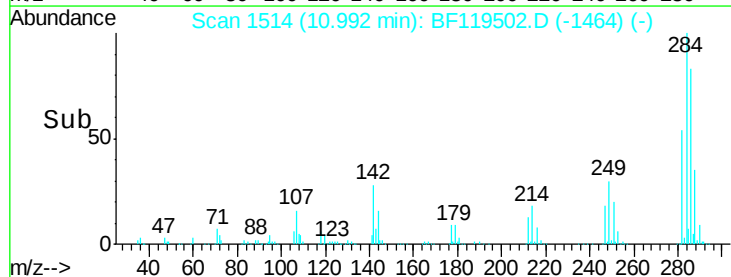
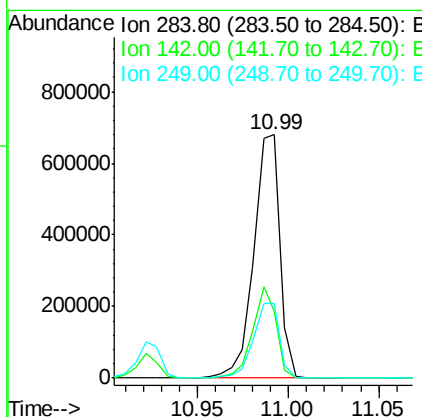
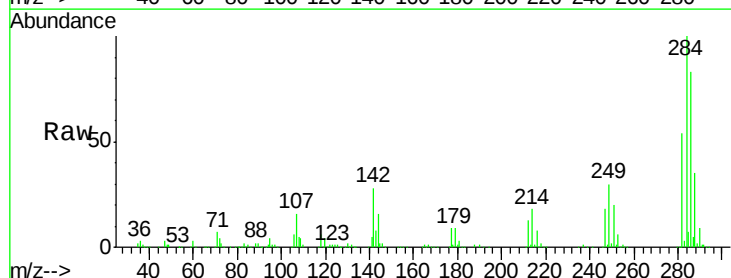
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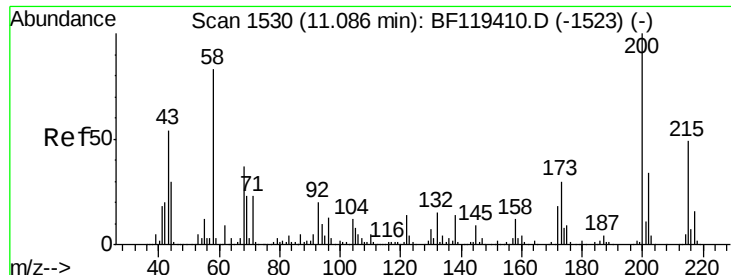
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#68
Hexachlorobenzene
Concen: 41.728 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	28.7	43.1#
249	30.4	25.4	38.0





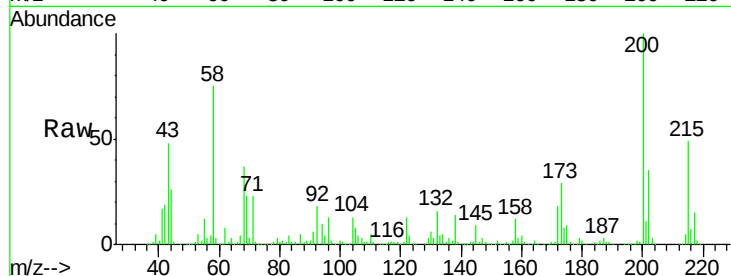
#69
Atrazine
Concen: 45.514 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

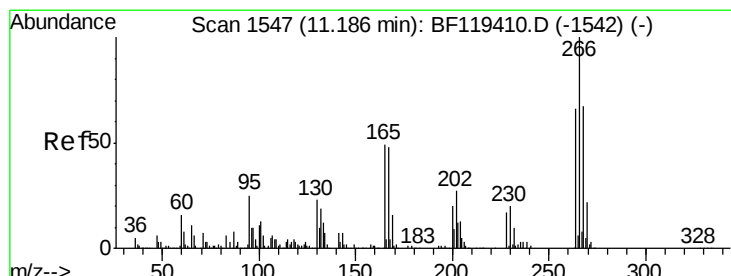
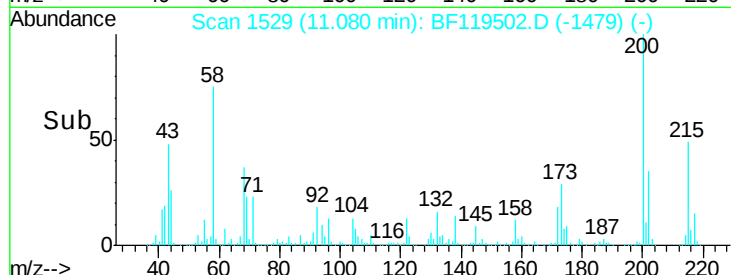
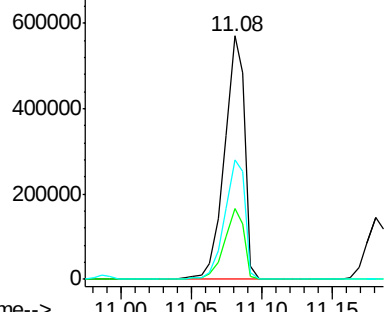
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	9.9	49.9
215	48.9	29.4	69.4

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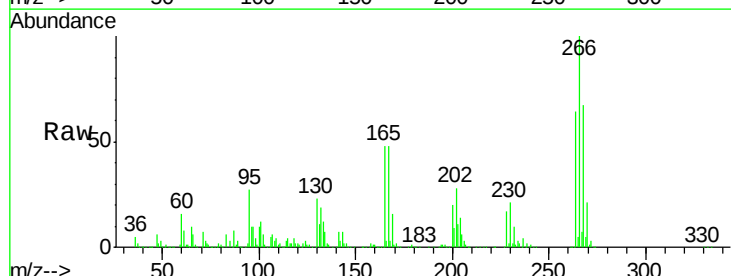


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

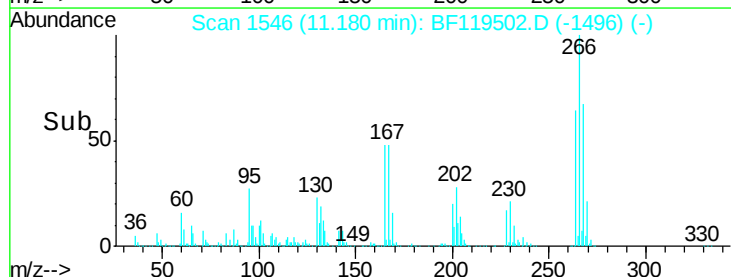
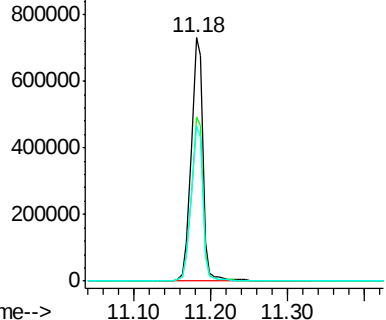


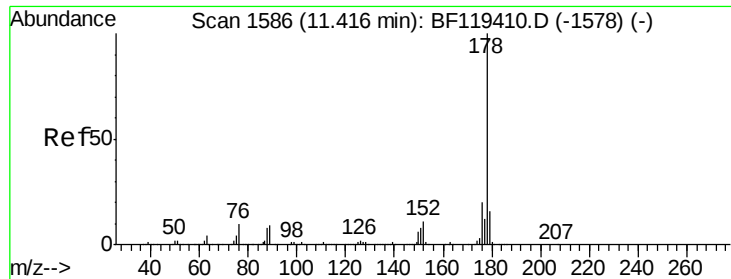
#70
Pentachlorophenol
Concen: 79.910 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.3	53.7	80.5
264	63.8	52.5	78.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





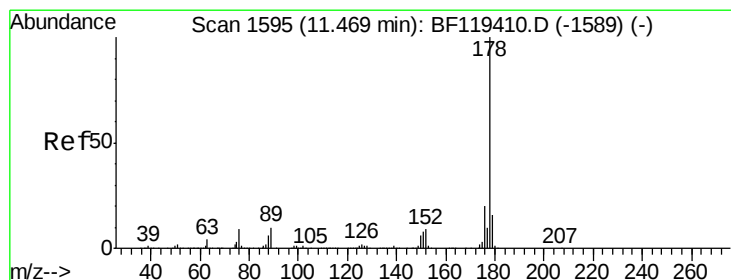
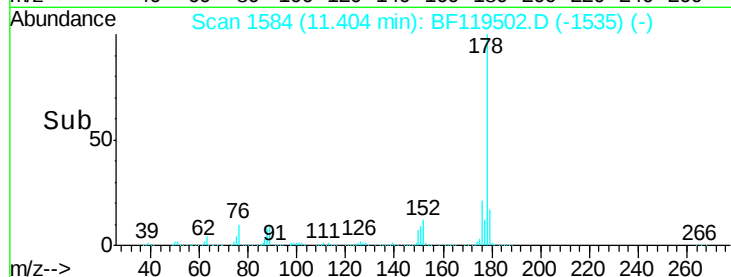
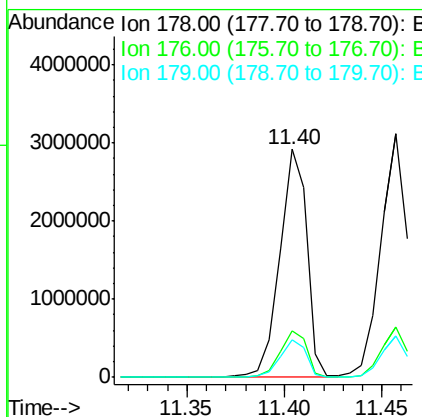
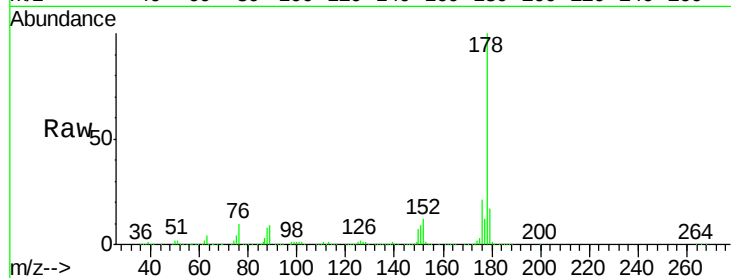
#71
Phenanthrene
Concen: 38.668 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:178 Resp: 2810104
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.7 12.9 19.3

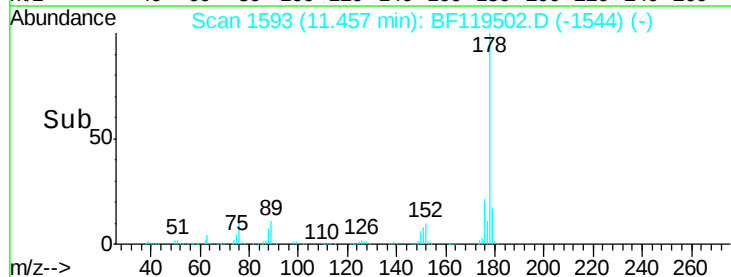
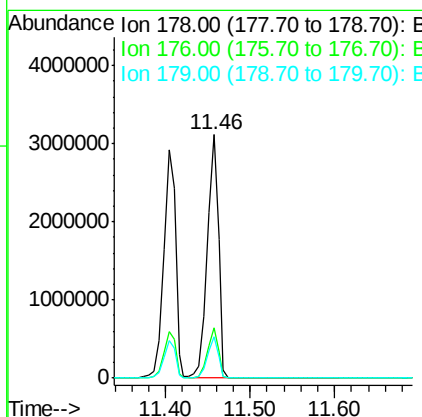
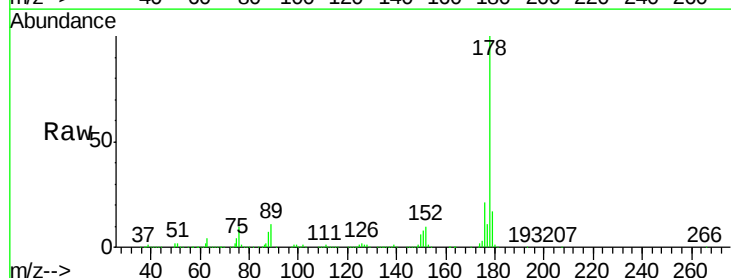
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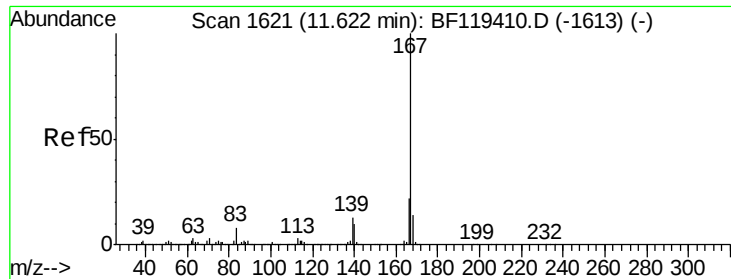
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#72
Anthracene
Concen: 38.892 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion:178 Resp: 2872552
Ion Ratio Lower Upper
178 100
176 20.7 15.6 23.4
179 17.0 13.1 19.7





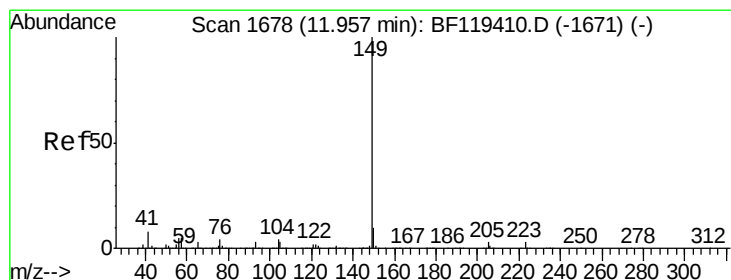
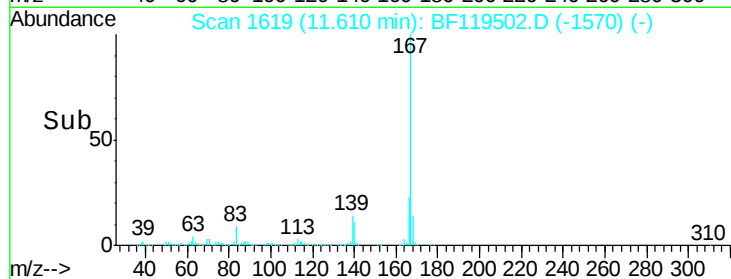
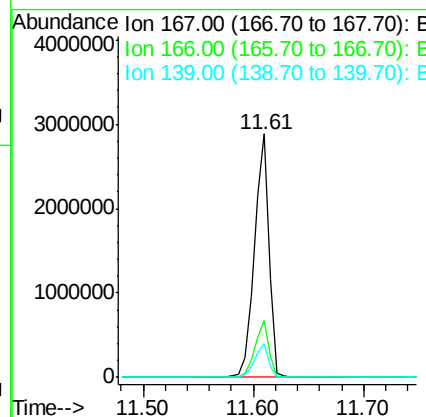
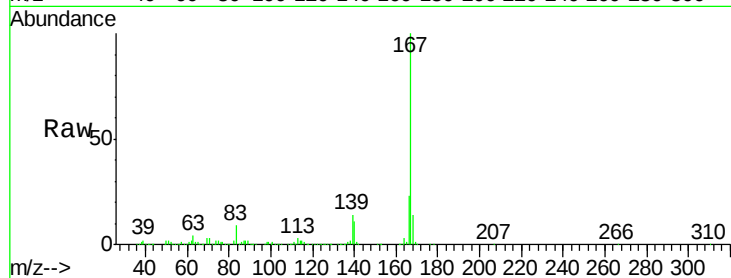
#73
 Carbazole
 Concen: 36.373 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	13.8	10.2	15.4

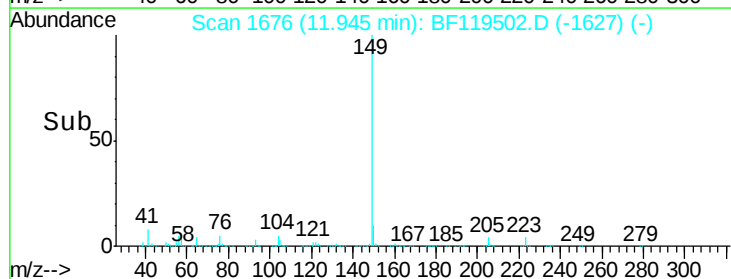
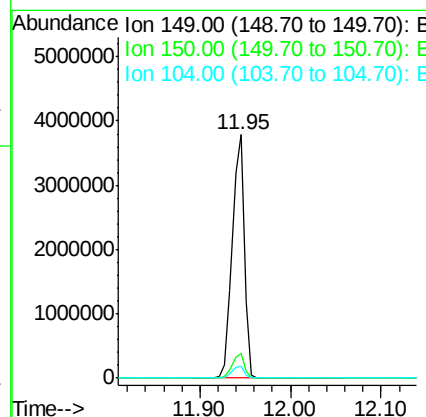
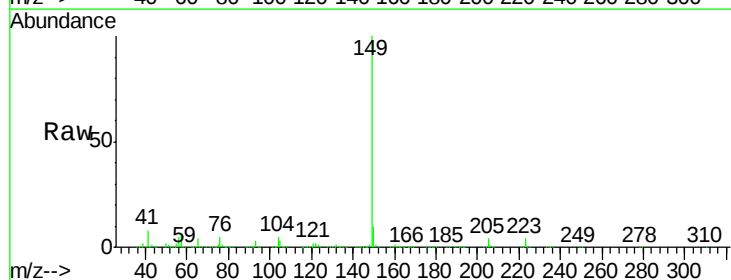
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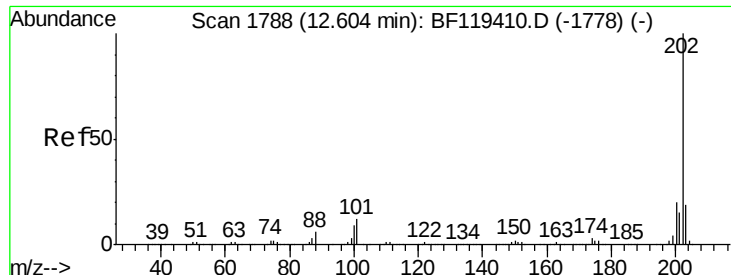
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#74
 Di-n-butylphthalate
 Concen: 44.368 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.9	3.5	5.3





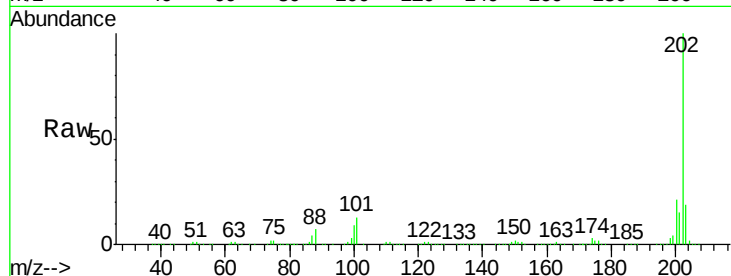
#75
Fluoranthene
Concen: 39.270 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3088571		
101	12.9		0.0	32.4
203	19.5		0.0	38.5

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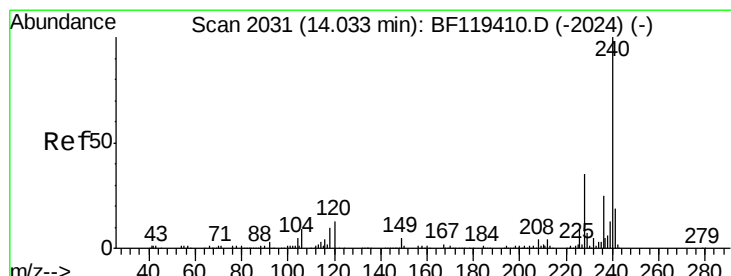
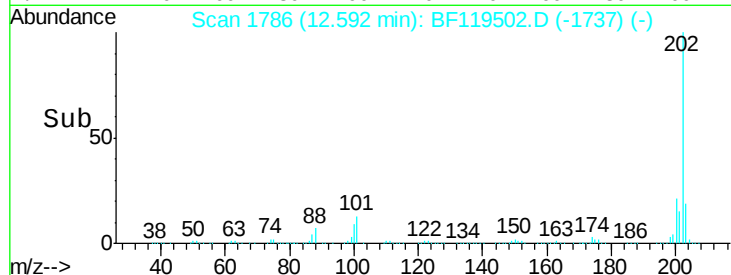
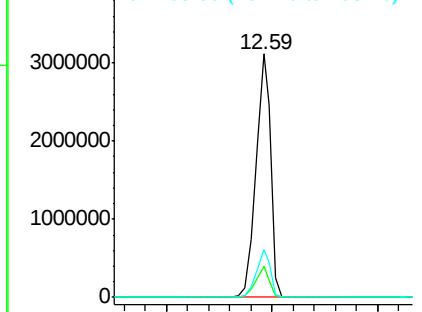


Abundance

Ion 202.00 (201.70 to 202.70): E

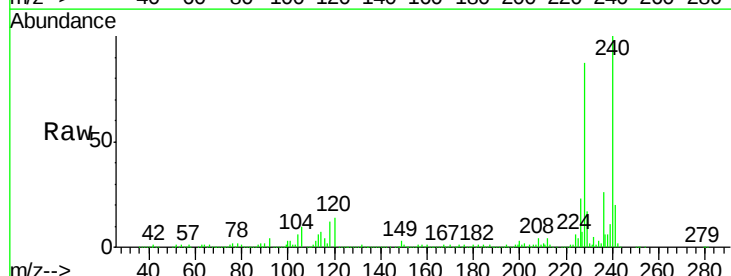
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	993439		
120	13.6		10.2	15.4
236	26.4		20.4	30.6

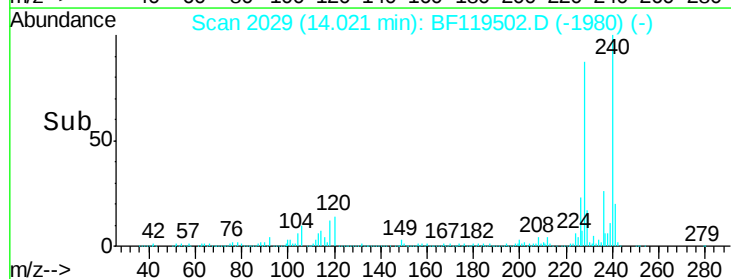
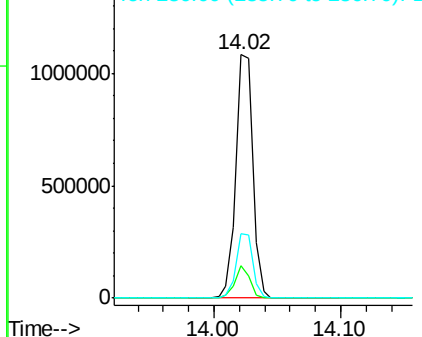


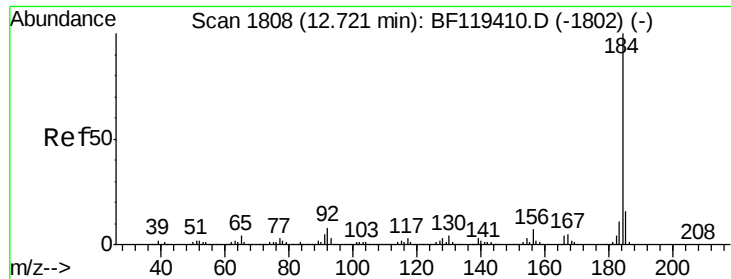
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.368 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:184 Resp: 1571038

Ion Ratio Lower Upper

184 100

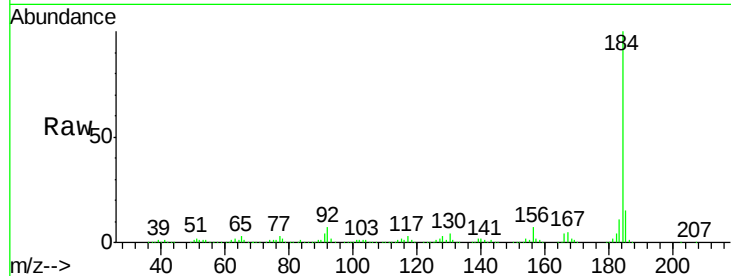
185 14.7 12.9 19.3

183 11.1 9.0 13.4

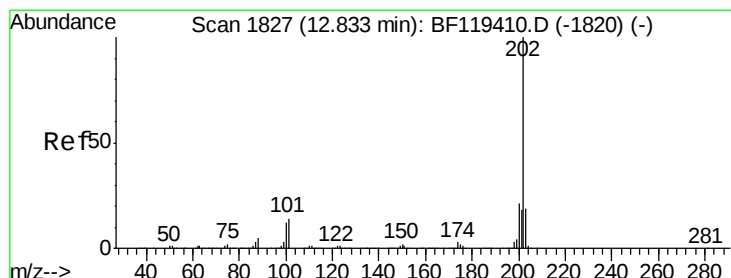
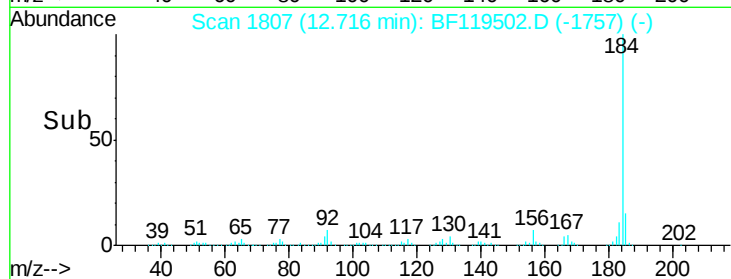
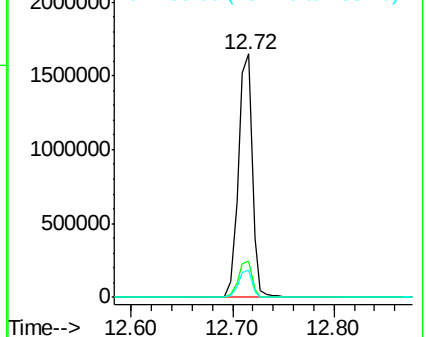
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.701 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

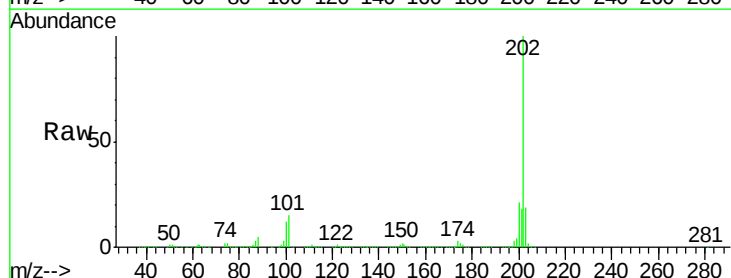
Tgt Ion:202 Resp: 3073757

Ion Ratio Lower Upper

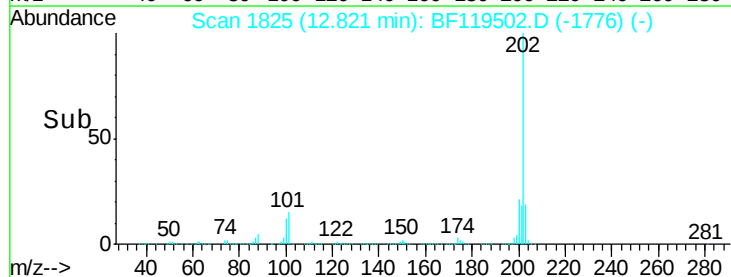
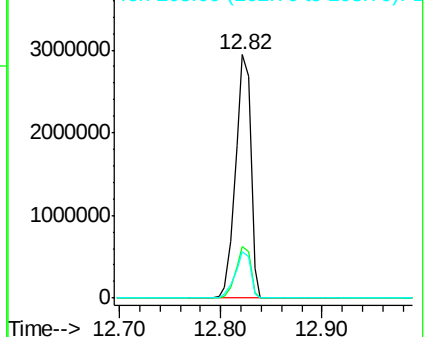
202 100

200 21.4 16.8 25.2

203 19.1 14.8 22.2



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





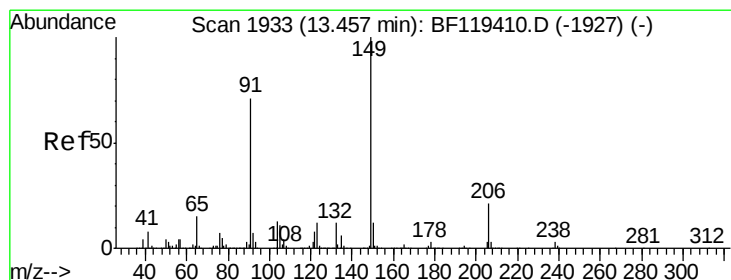
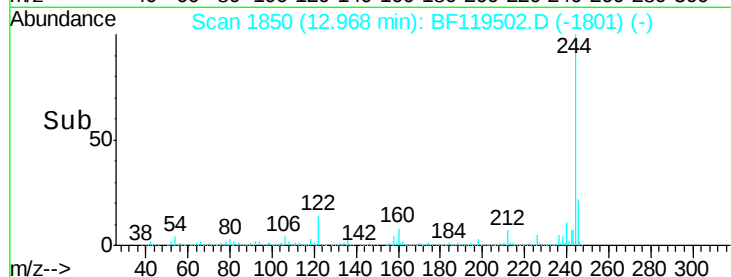
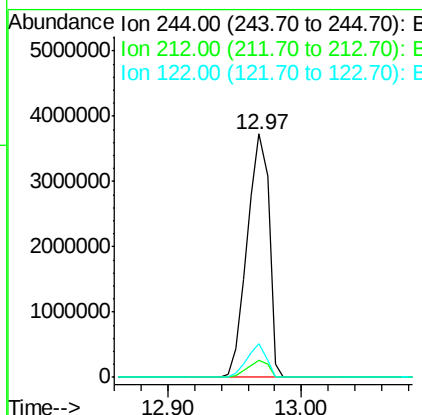
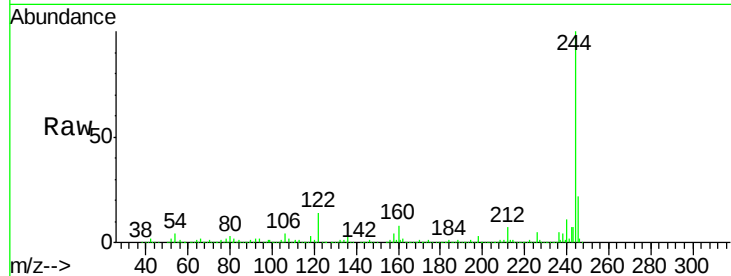
#79
 Terphenyl-d14
 Concen: 82.566 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	14.0	9.8	14.8

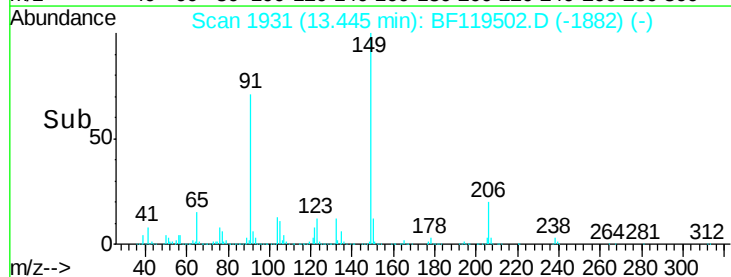
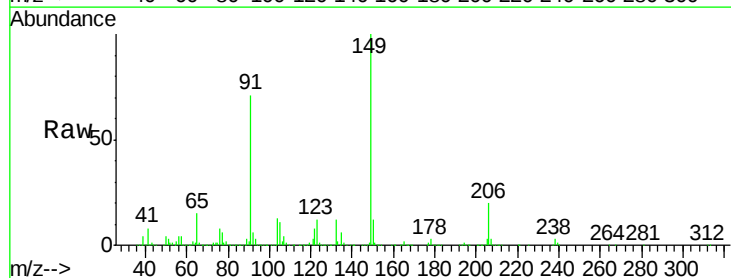
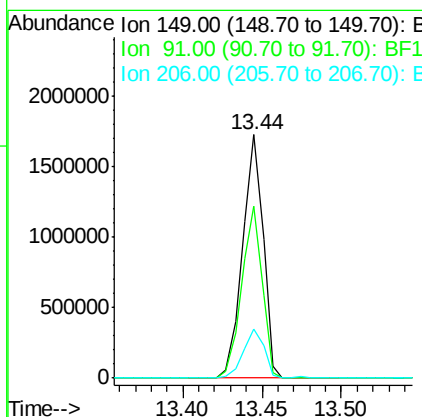
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#80
 Butylbenzylphthalate
 Concen: 46.930 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.0	85.6
206	20.1	16.4	24.6





#81

Benzo(a)anthracene

Concen: 37.684 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

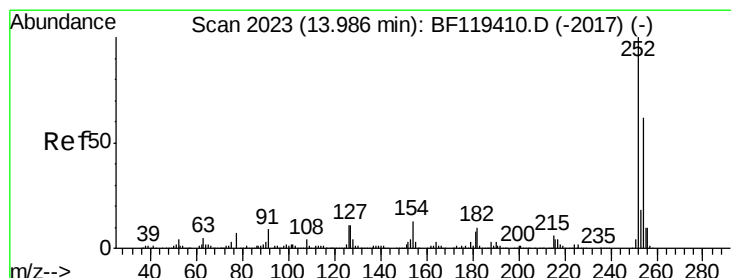
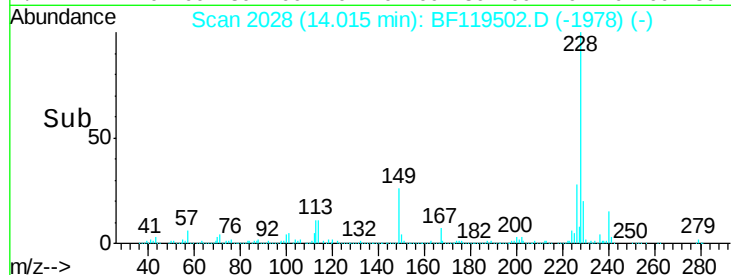
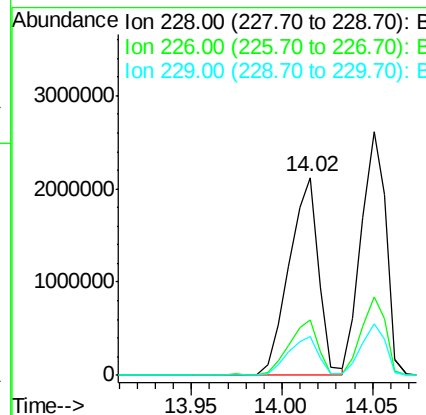
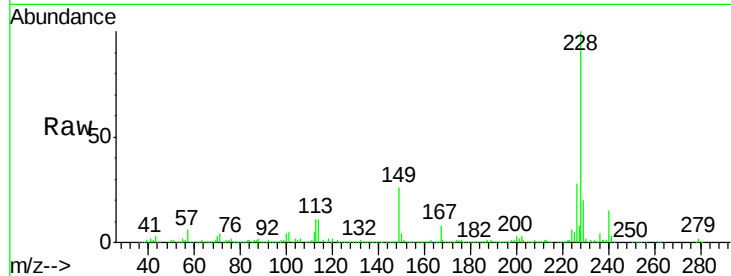
ClientSampleId :

PB127762BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	19.8	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 27.520 ng

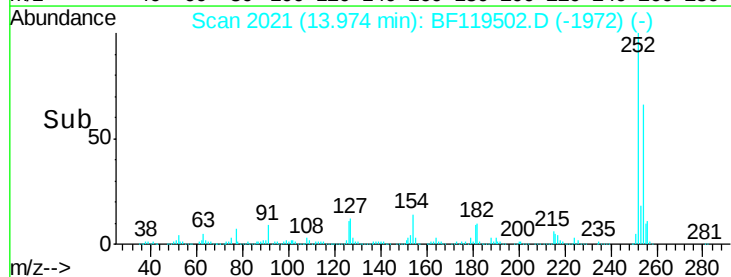
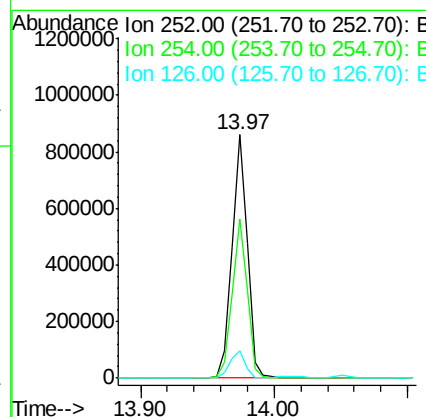
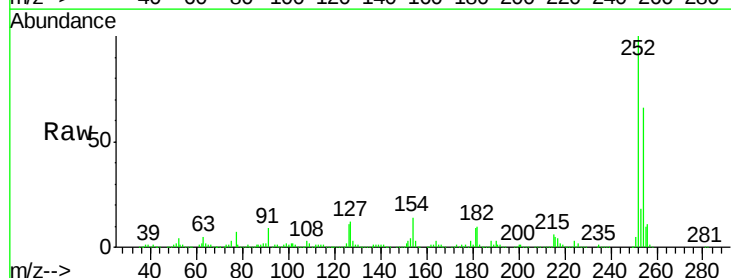
RT: 13.97 min Scan# 2021

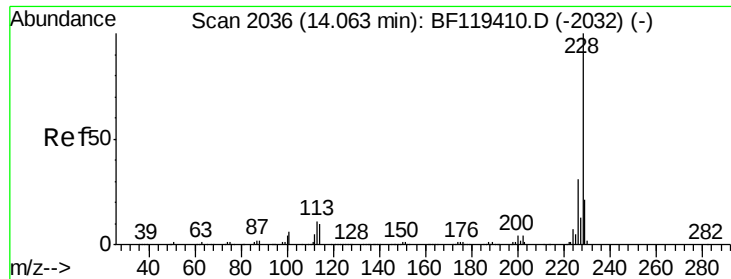
Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	49.8	74.8
126	11.4	8.9	13.3





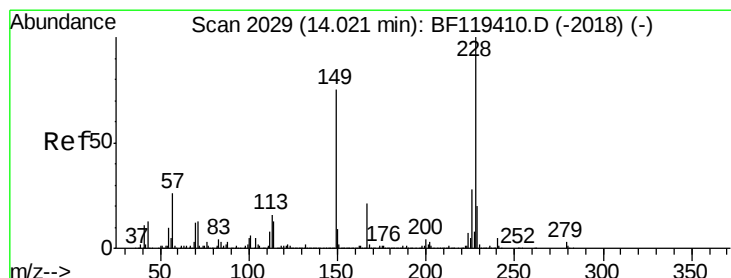
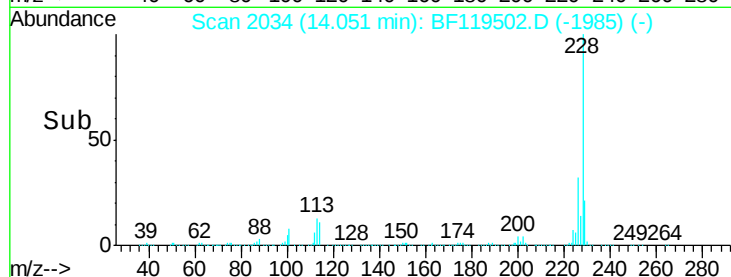
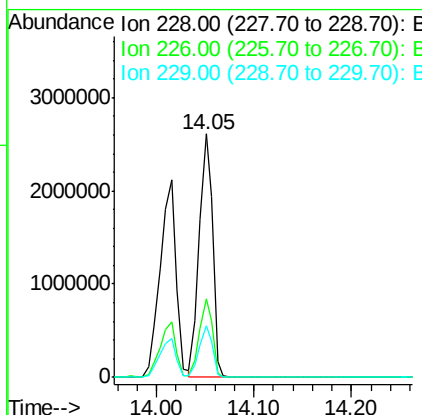
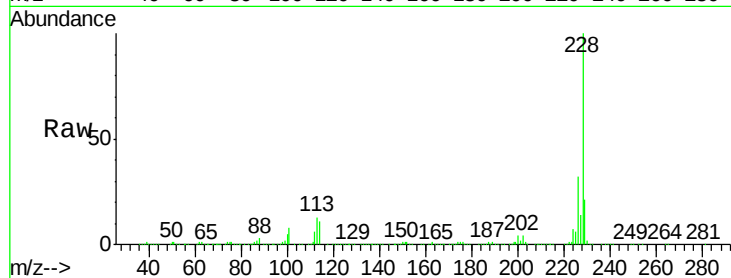
#83
 Chrvsene
 Concen: 37.521 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:228 Resp: 2501579
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.8 37.2
 229 21.1 16.6 25.0

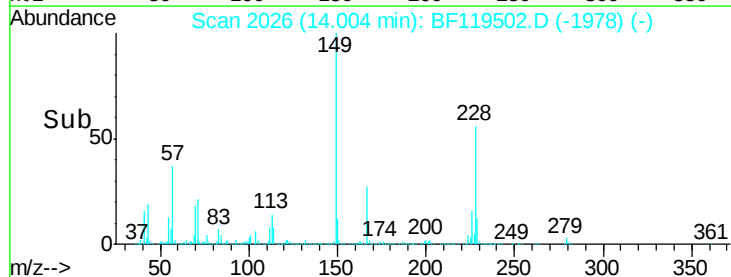
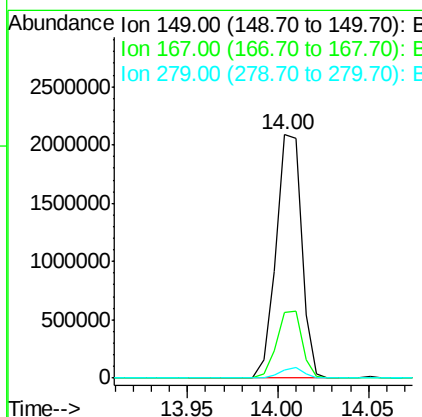
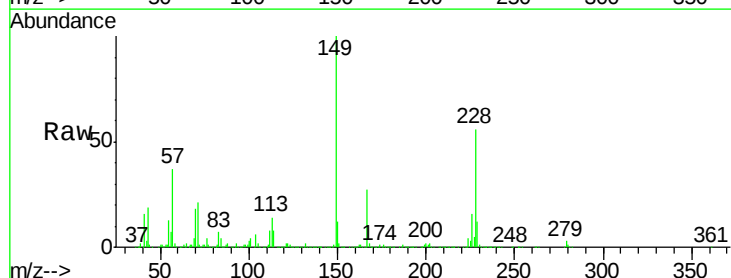
Manual Integrations
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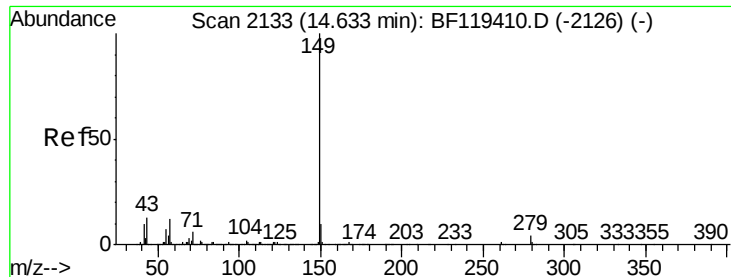
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.195 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119502.D
 Acq: 25 Mar 2020 13:15

Tgt Ion:149 Resp: 2051771
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.0 33.0
 279 3.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.675 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:149 Resp: 3641638

Ion Ratio Lower Upper

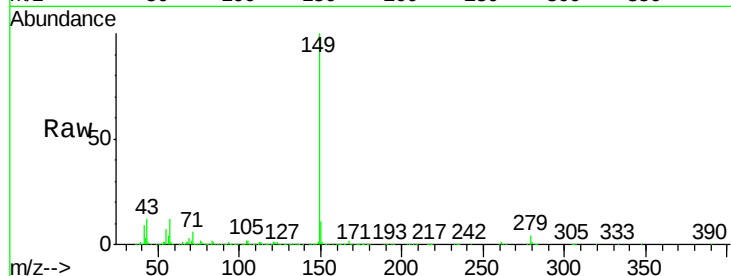
149 100

167 1.6 1.1 1.7

43 11.9 10.1 15.1

Manual Integrations
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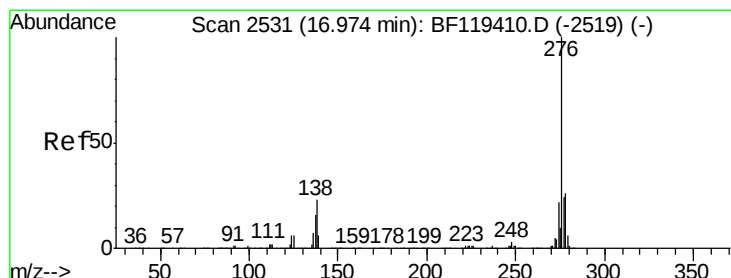
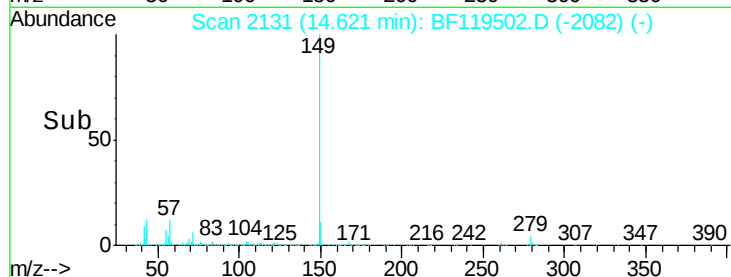
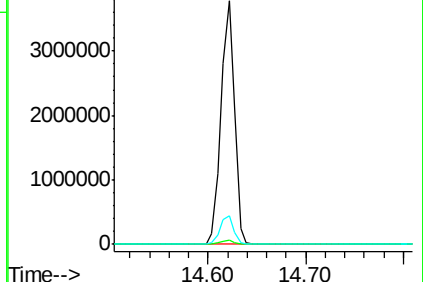
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.471 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119502.D

Acq: 25 Mar 2020 13:15

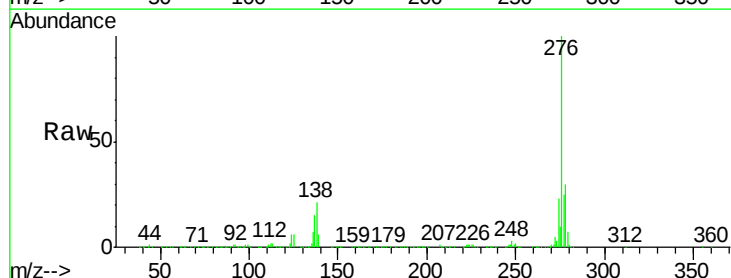
Tgt Ion:276 Resp: 2227277

Ion Ratio Lower Upper

276 100

138 24.4 21.3 31.9

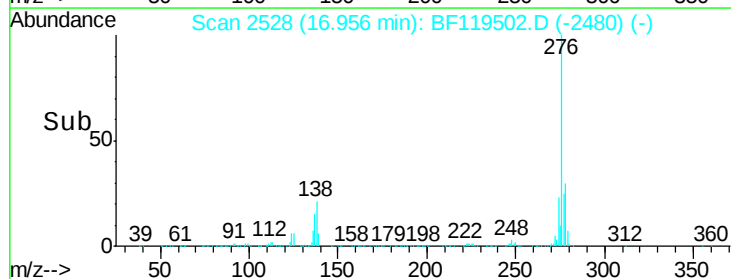
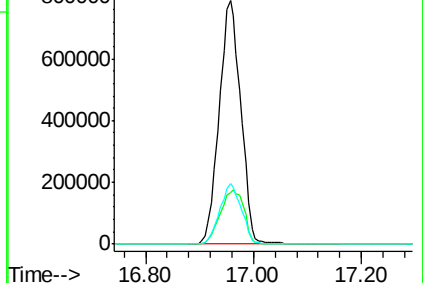
277 25.0 20.2 30.2

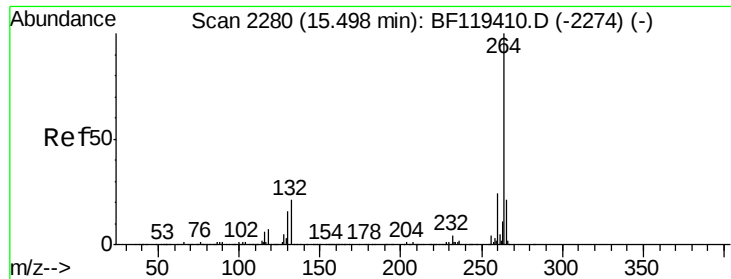


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





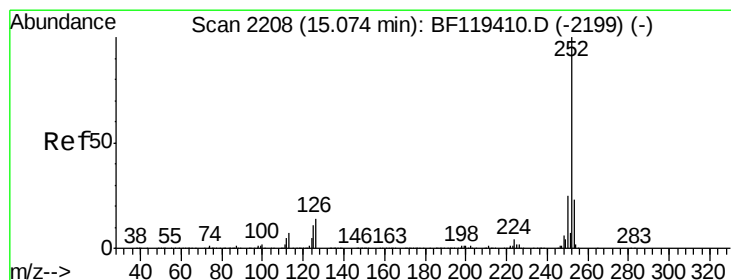
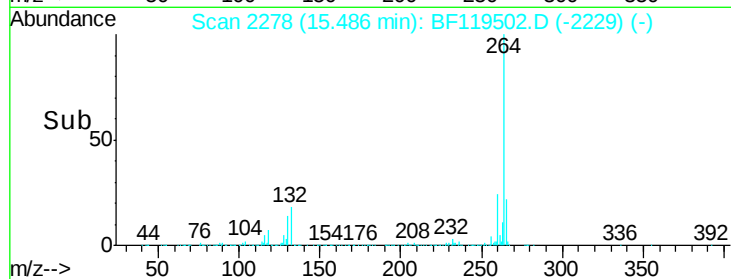
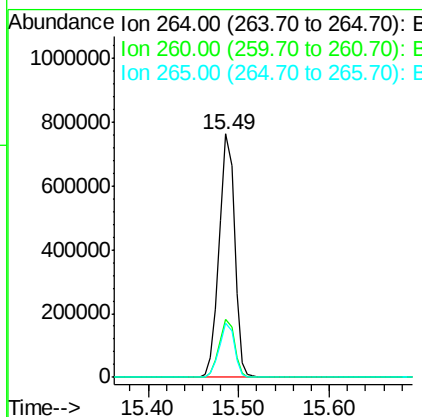
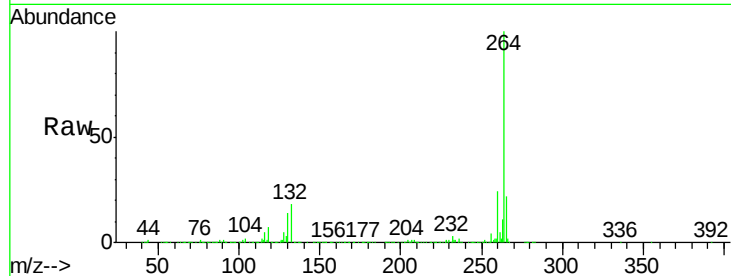
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	16.9	25.3

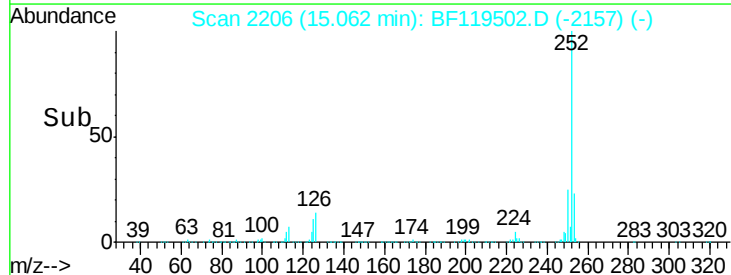
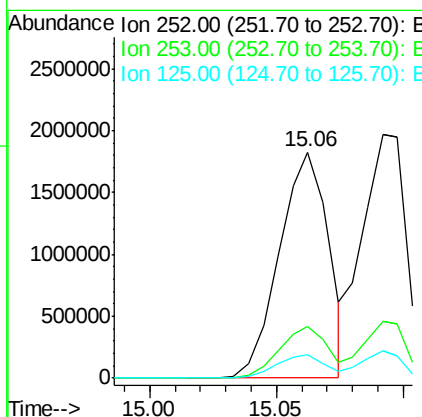
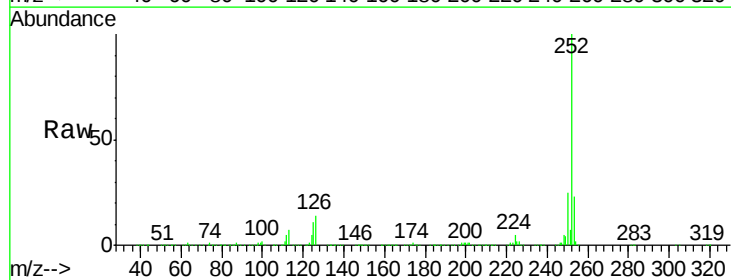
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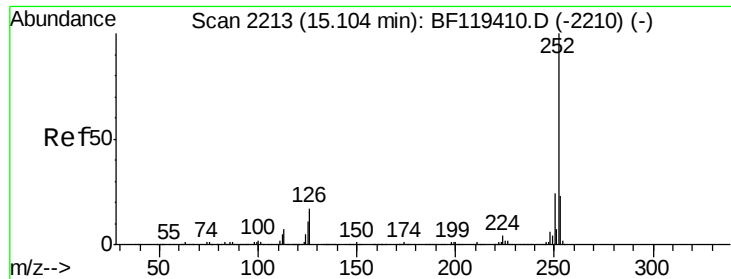
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#88
Benzo(b)fluoranthene
Concen: 40.935 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.6	8.8	13.2





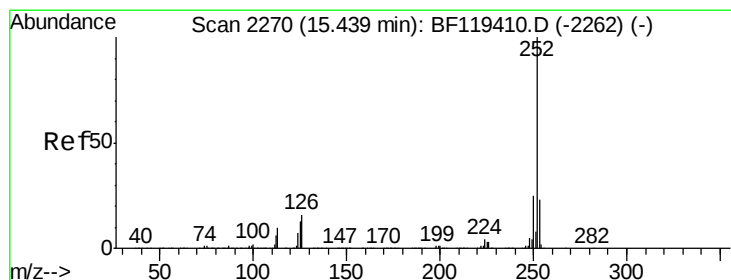
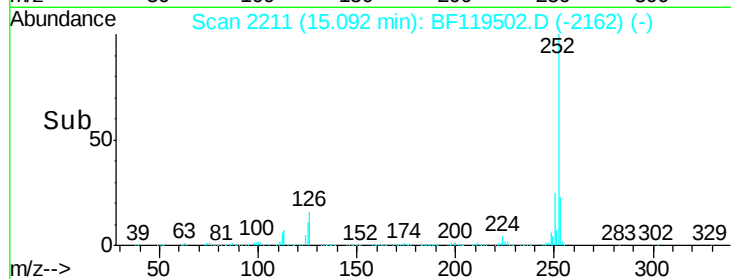
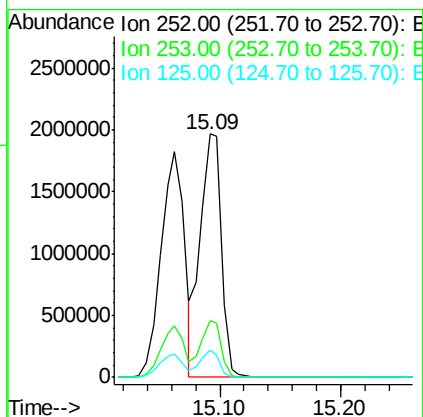
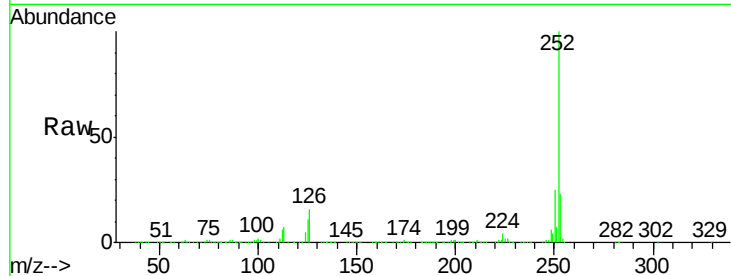
#89
Benzo(k)fluoranthene
Concen: 41.794 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.1	18.2	27.4	
125	11.3	9.0	13.4	

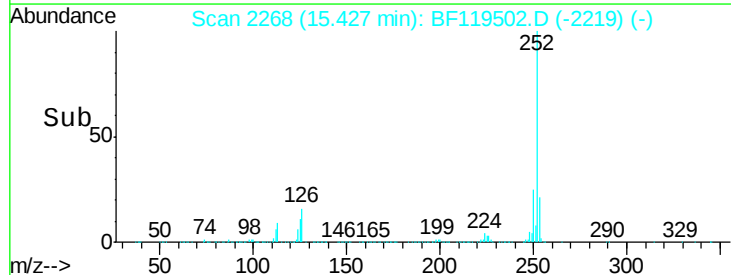
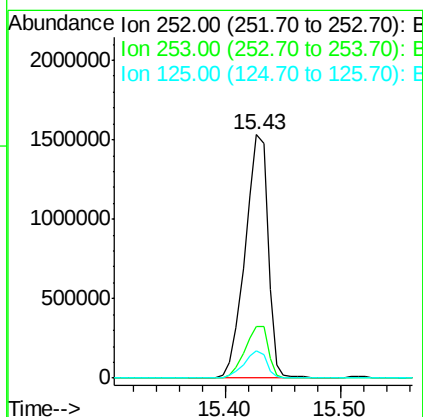
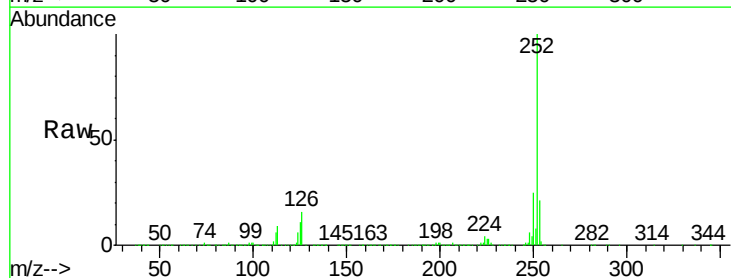
Manual Integrations
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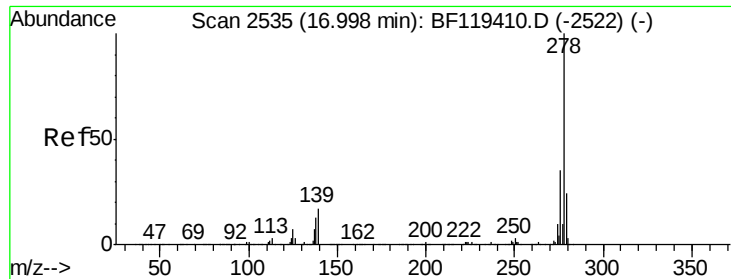
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#90
Benzo(a)pyrene
Concen: 38.779 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.5	18.2	27.4	
125	11.4	10.2	15.2	





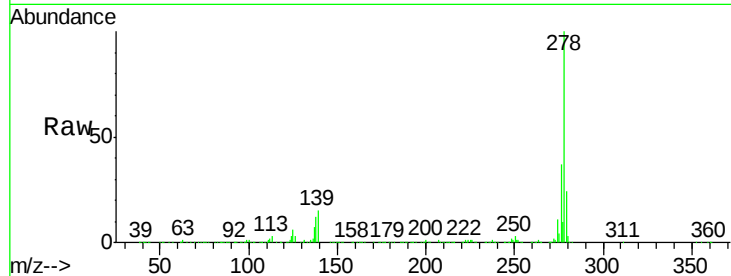
#91
Dibenzo(a,h)anthracene
Concen: 38.972 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Instrument :
BNA_F
ClientSampled :
PB127762BS

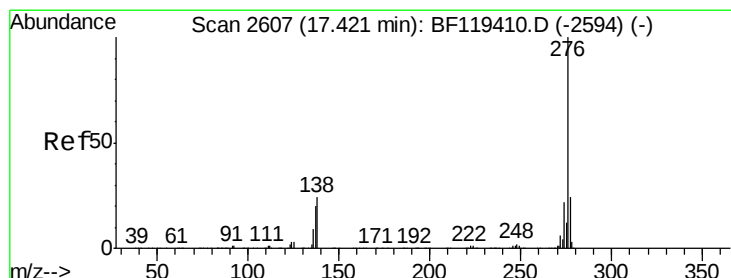
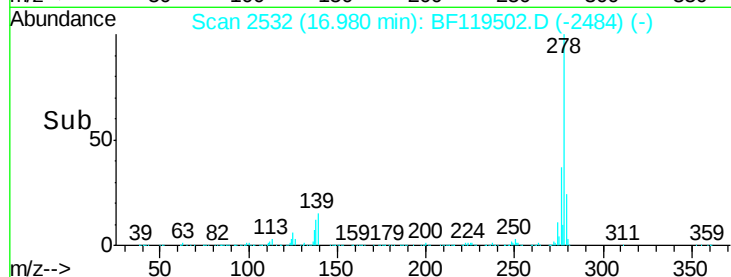
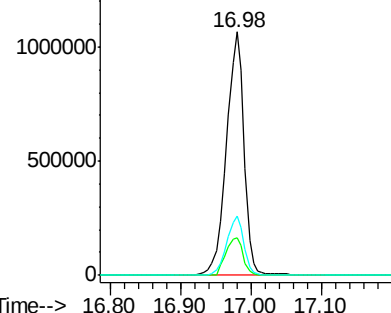
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.7	20.5
279	24.4	19.2	28.8

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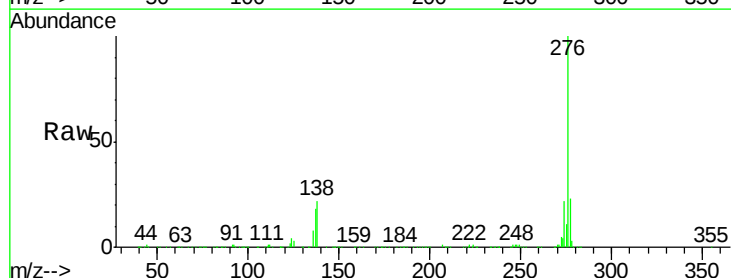


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.344 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119502.D
Acq: 25 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.6	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

