

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124466.D
 Acq On : 25 Jun 2021 23:00
 Operator : JU/CG
 Sample : M2826-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-1(LIQUID-BLUE)

Quant Time: Jun 26 02:44:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

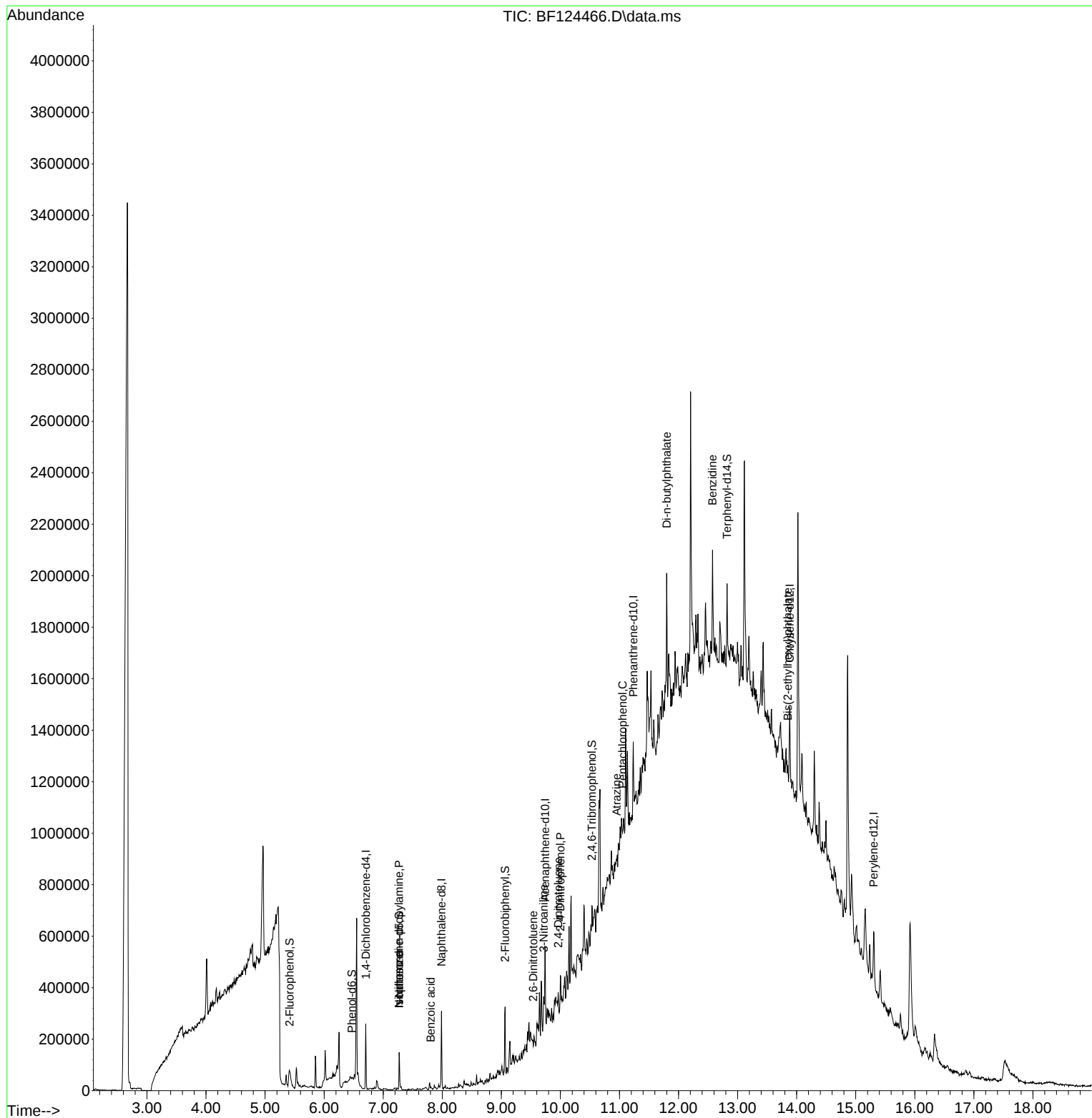
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	30474	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	103820	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	49425	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	89157	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	89584	20.000	ng	# 0.01
86) Perylene-d12	15.304	264	77485	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	45813	23.643	ng	0.09
7) Phenol-d6	6.469	99	5407	2.137	ng	0.11
23) Nitrobenzene-d5	7.269	82	42133	16.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.533	330	11792	19.970	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	70069	17.366	ng	0.00
79) Terphenyl-d14	12.822	244	79040	13.215	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	6543	3.845	ng	# 66
25) Isophorone	7.269	82	42133	9.787	ng	# 69
32) Benzoic acid	7.804	122	223	7.389	ng	91
51) 2,6-Dinitrotoluene	9.539	165	2178	2.420	ng	# 10
53) 3-Nitroaniline	9.716	138	1974	2.477	ng	# 44
54) 2,4-Dinitrophenol	9.998	184	106	5.941	ng	# 1
57) 2,4-Dinitrotoluene	9.963	165	2558	2.144	ng	# 54
69) Atrazine	10.951	200	2374	2.690	ng	# 1
70) Pentachlorophenol	11.051	266	117	6.443	ng	# 24
74) Di-n-butylphthalate	11.798	149	222491	38.284	ng	99
77) Benzidine	12.575	184	123189	68.615	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.851	149	12103	2.782	ng	# 73

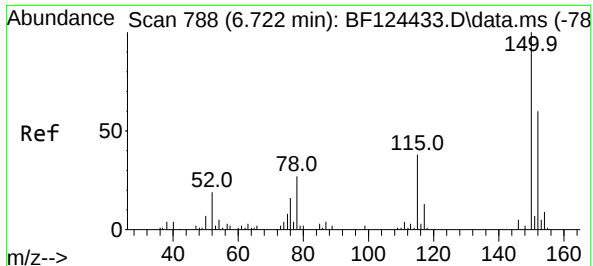
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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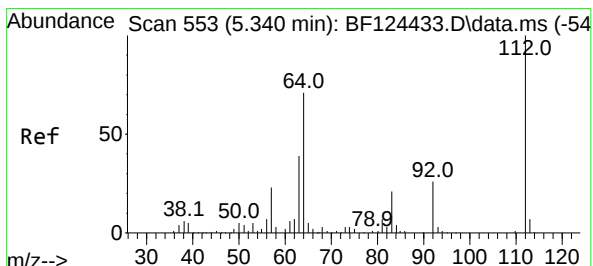
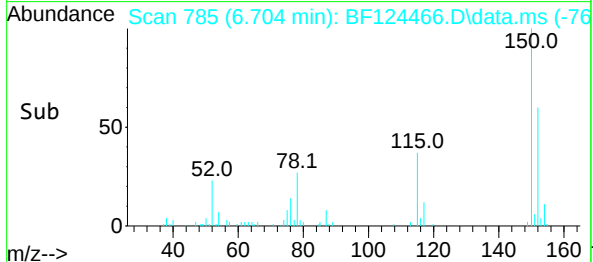
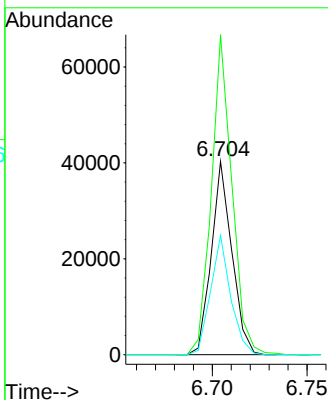
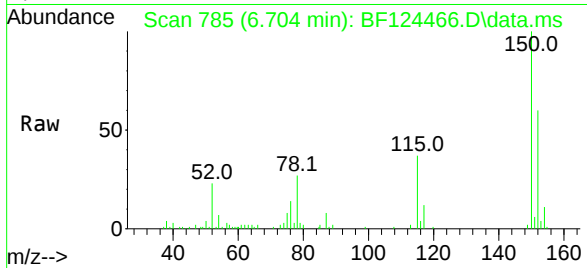




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

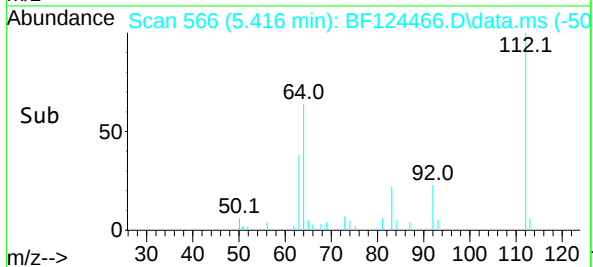
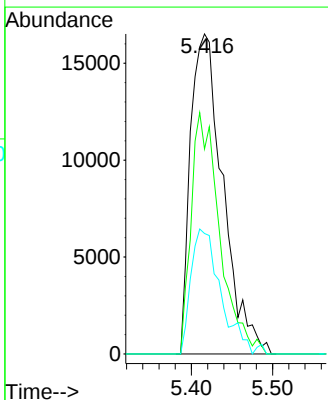
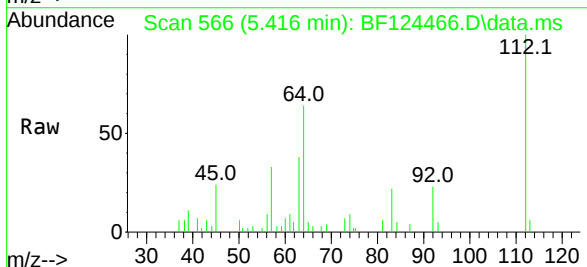
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

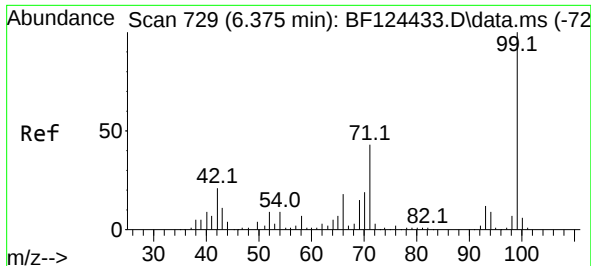
Tgt Ion:152 Resp: 30474
Ion Ratio Lower Upper
152 100
150 165.5 127.0 190.6
115 61.8 54.3 81.5



#5
2-Fluorophenol
Concen: 23.643 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.088 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:112 Resp: 45813
Ion Ratio Lower Upper
112 100
64 64.1 61.4 92.0
63 37.7 33.0 49.4

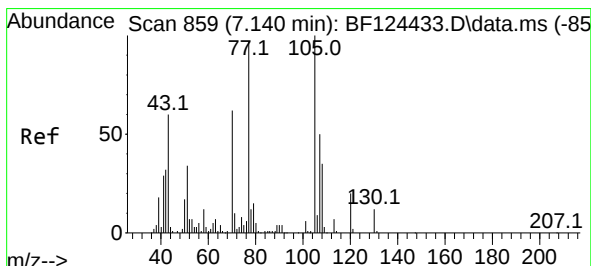
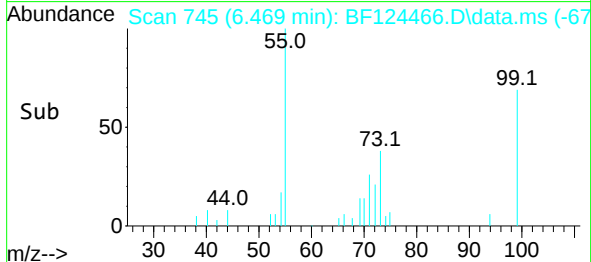
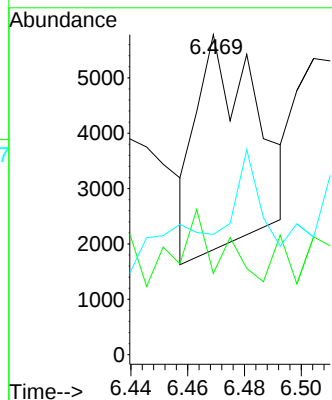
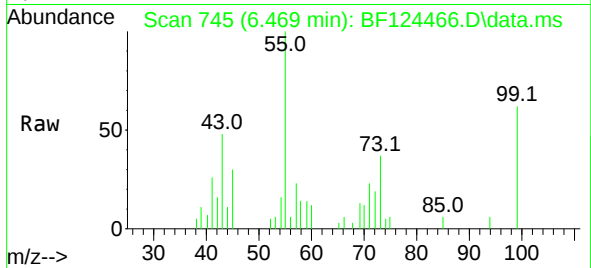




#7
Phenol-d6
Concen: 2.137 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.106 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

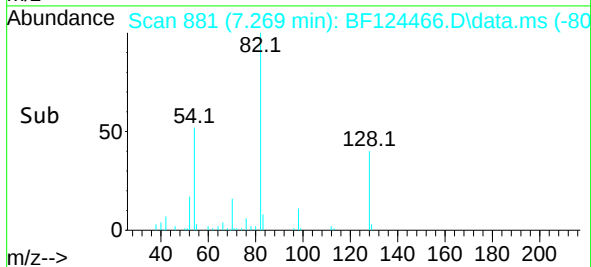
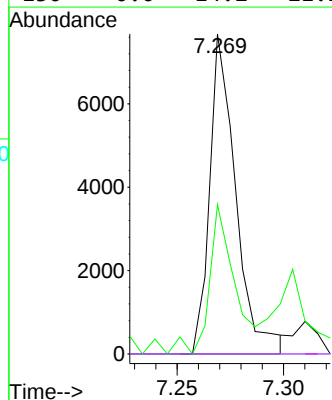
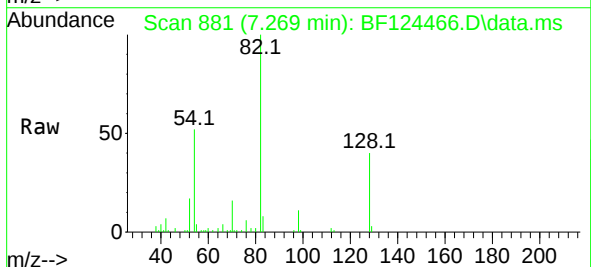
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

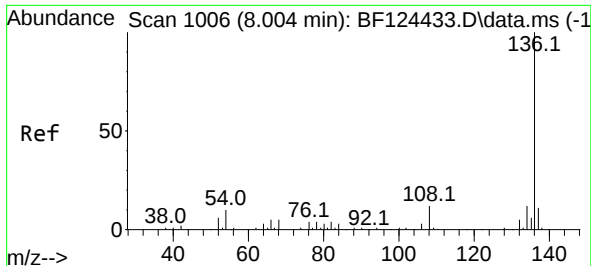
Tgt Ion: 99 Resp: 5407
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.8
71 37.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.845 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion: 70 Resp: 6543
Ion Ratio Lower Upper
70 100
42 46.7 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

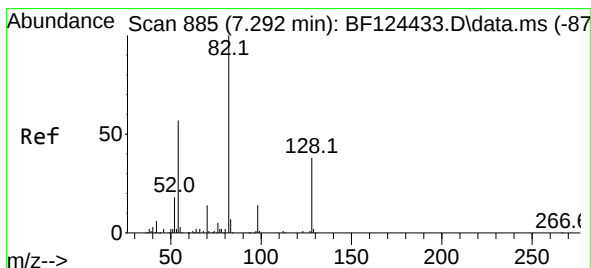
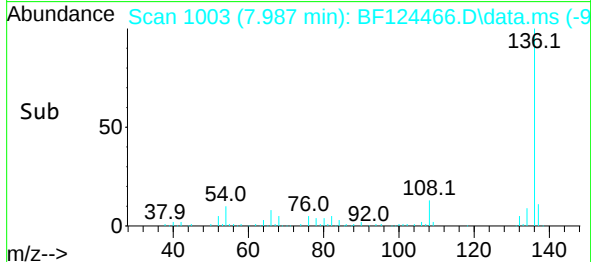
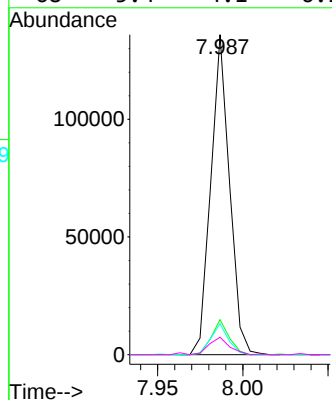
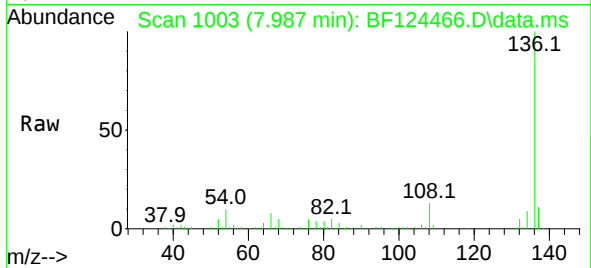




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

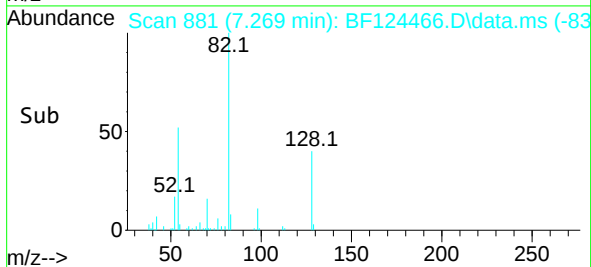
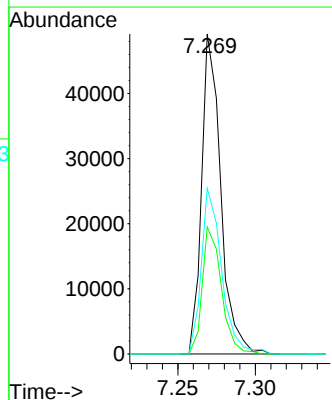
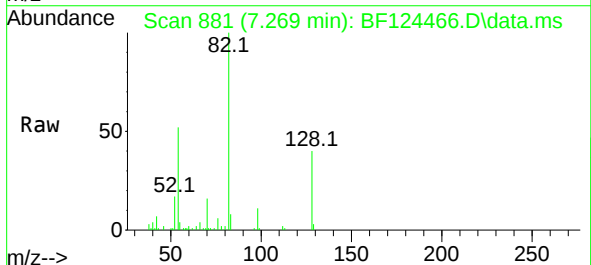
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

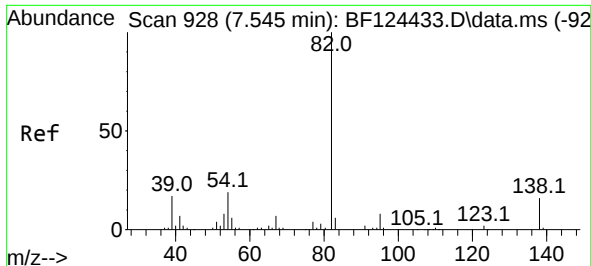
Tgt Ion:136 Resp: 103820
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 9.8 14.6#
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 16.827 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion: 82 Resp: 42133
Ion Ratio Lower Upper
82 100
128 39.7 29.4 44.2
54 51.8 54.1 81.1#

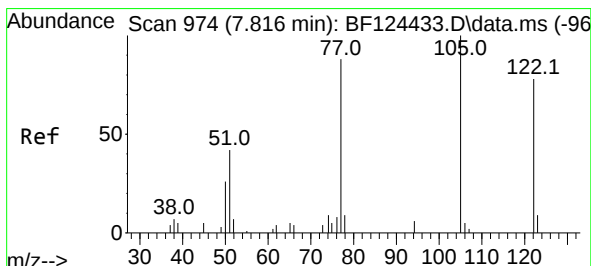
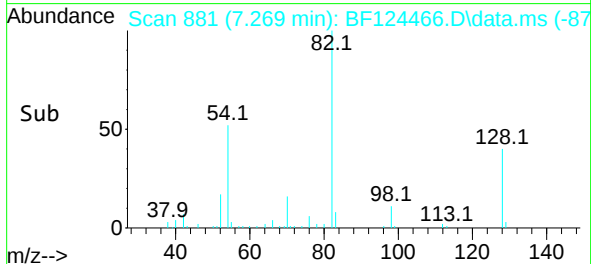
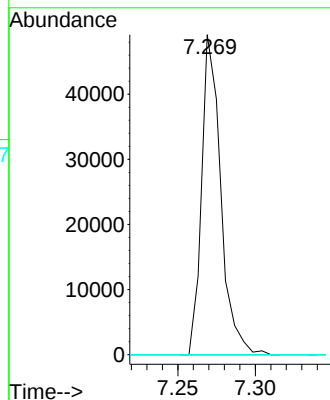
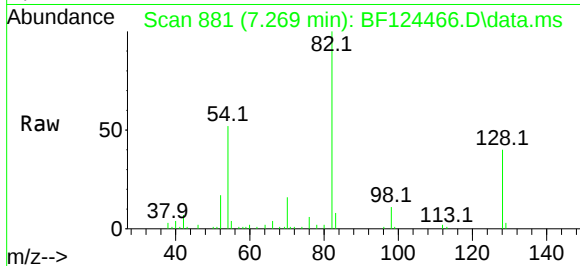




#25
Isophorone
Concen: 9.787 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.265 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

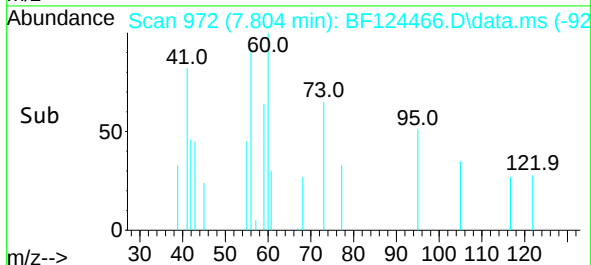
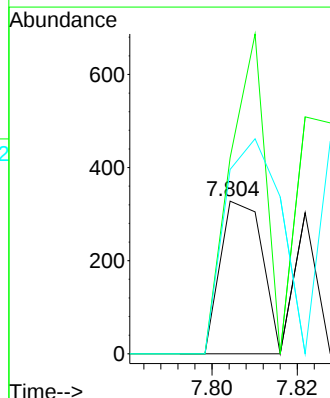
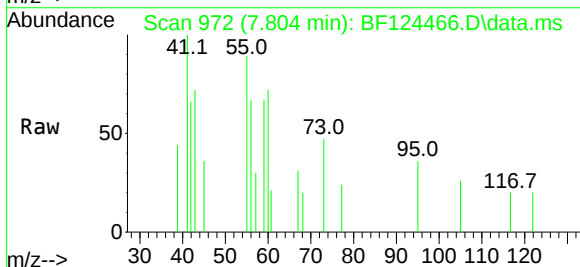
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ClientSampleId :
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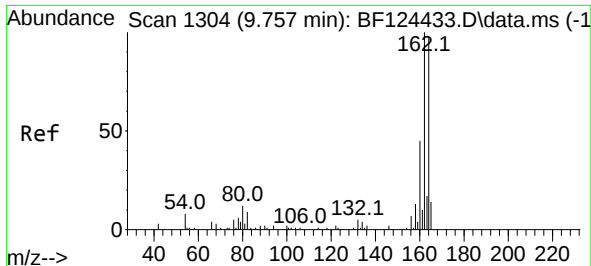
Tgt Ion: 82 Resp: 42133
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 7.389 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion: 122 Resp: 223
Ion Ratio Lower Upper
122 100
105 128.4 107.8 147.8
77 120.7 81.6 121.6

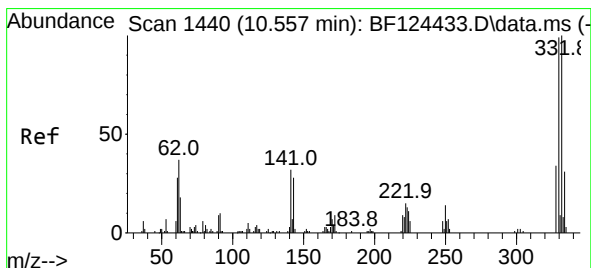
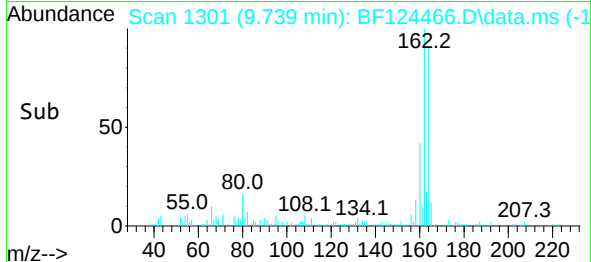
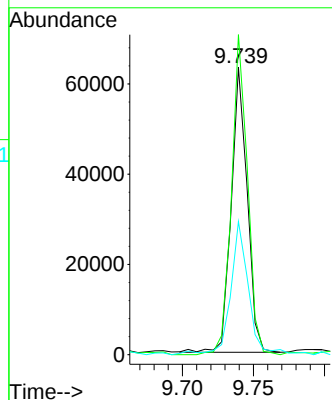
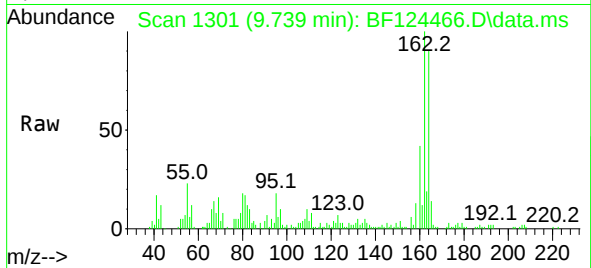




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

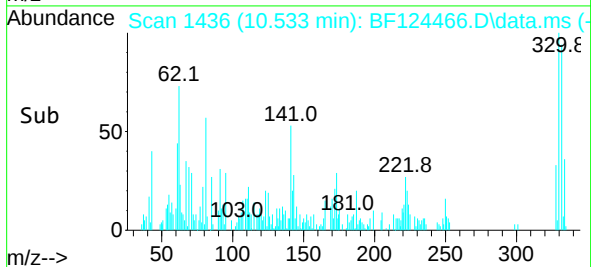
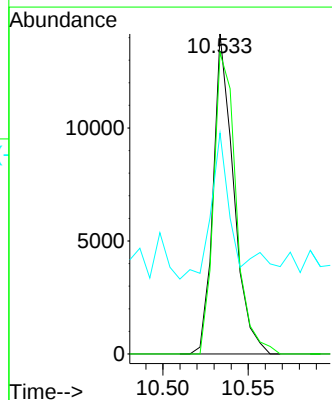
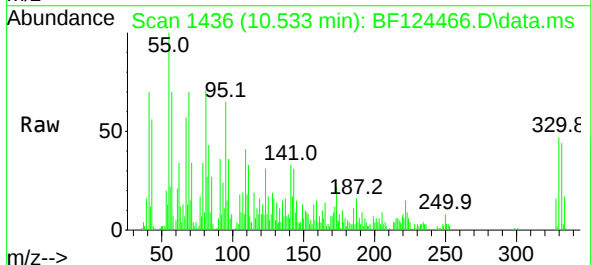
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ClientSampleId :
LS-1(LIQUID-BLUE)

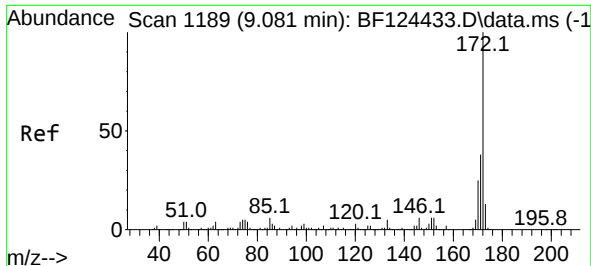
Tgt Ion:164 Resp: 49425
Ion Ratio Lower Upper
164 100
162 111.4 80.7 121.1
160 46.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 19.970 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:330 Resp: 11792
Ion Ratio Lower Upper
330 100
332 103.7 77.1 115.7
141 41.8 27.9 41.9

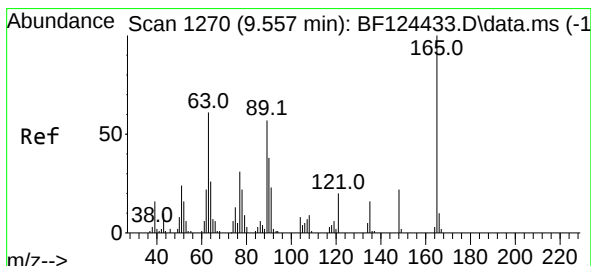
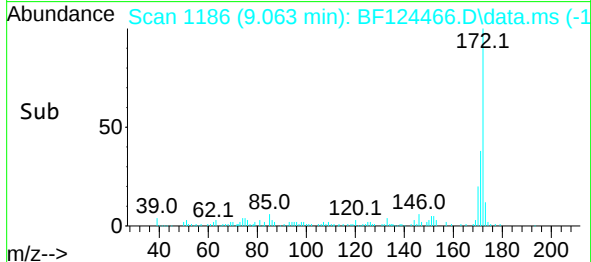
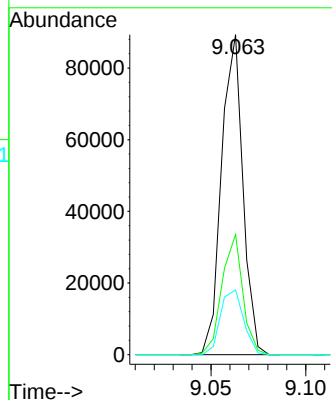
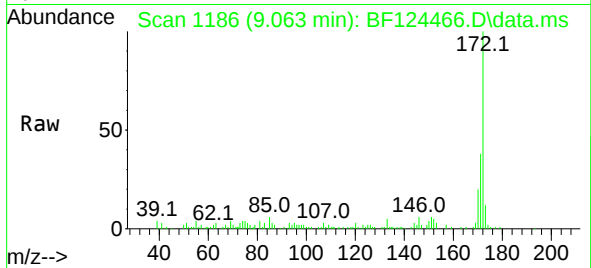




#45
2-Fluorobiphenyl
Concen: 17.366 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

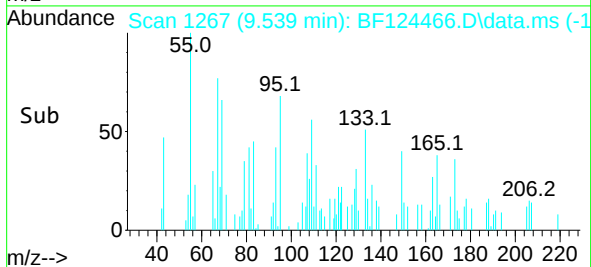
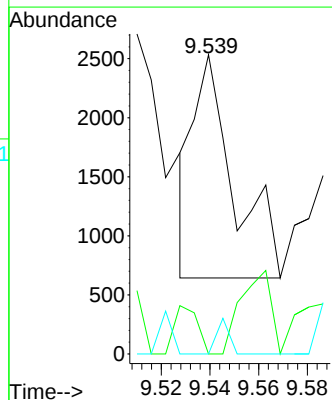
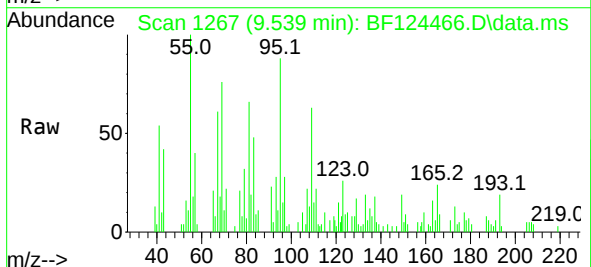
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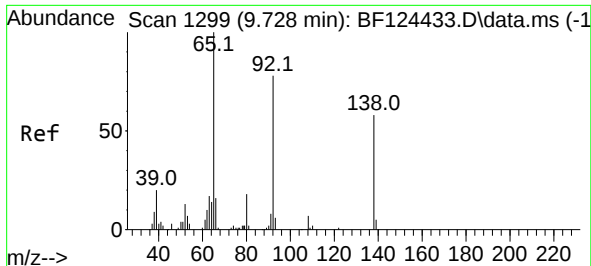
Tgt Ion:172 Resp: 70069
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 20.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 2.420 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:165 Resp: 2178
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

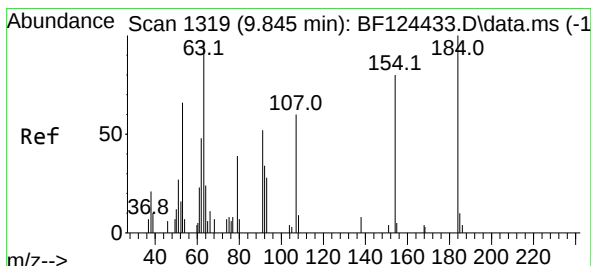
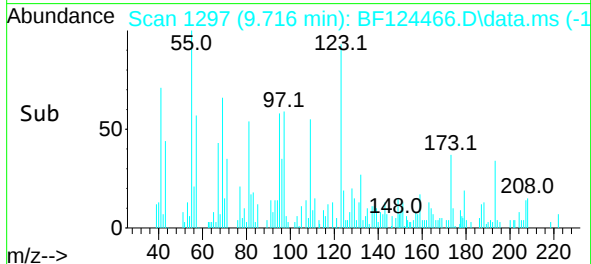
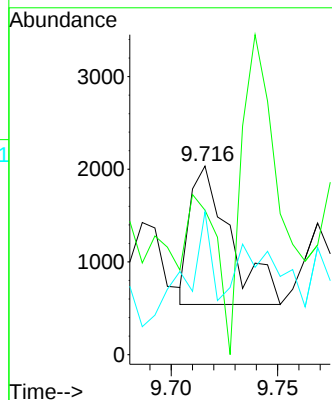
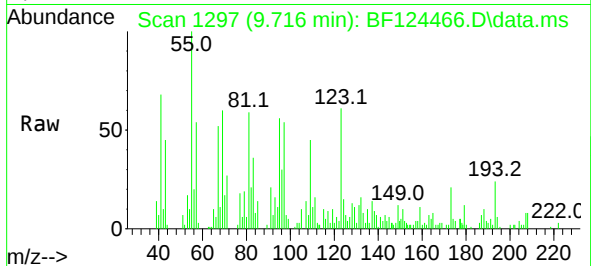




#53
3-Nitroaniline
Concen: 2.477 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

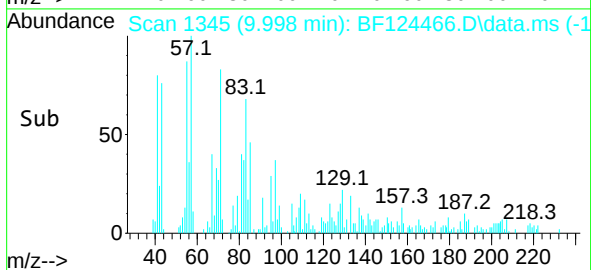
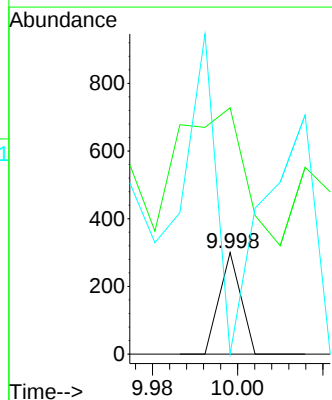
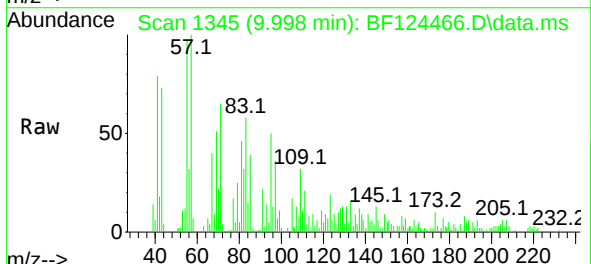
Instrument :
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LS-1(LIQUID-BLUE)

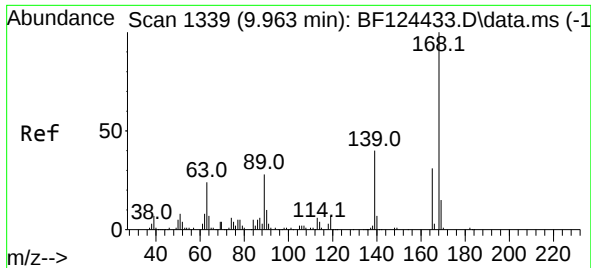
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Ion Ratio Lower Upper
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108 76.6 10.2 15.4#
92 75.7 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 5.941 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.171 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 242.7 73.5 110.3#
154 0.0 52.5 78.7#

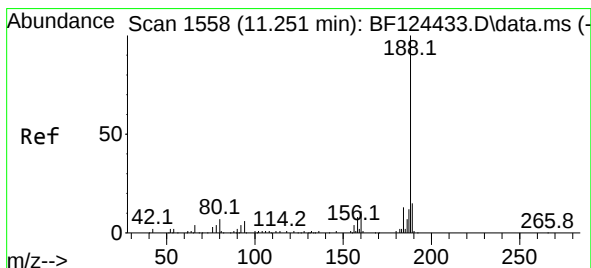
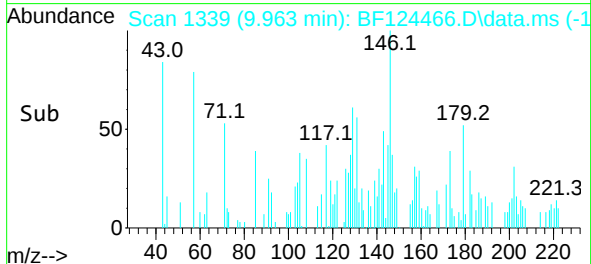
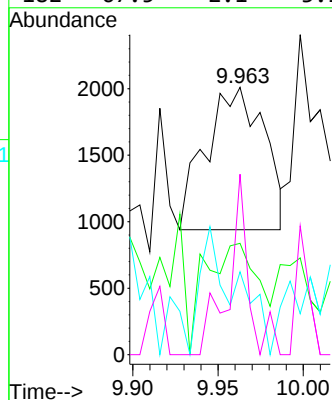
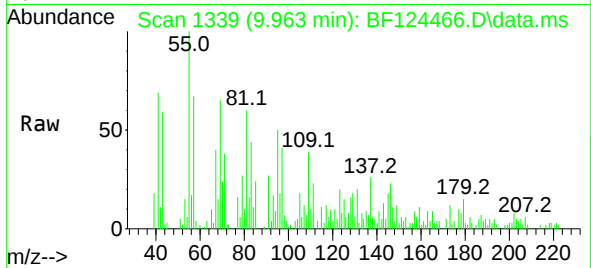




#57
2,4-Dinitrotoluene
Concen: 2.144 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.018 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

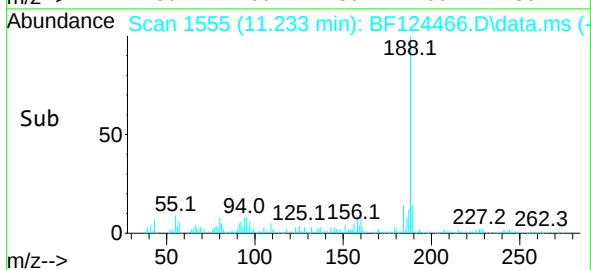
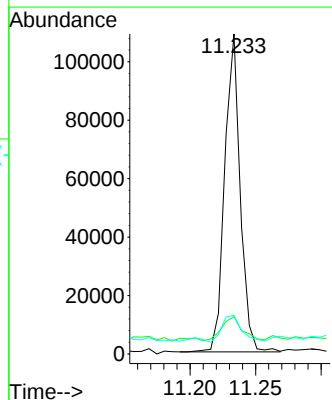
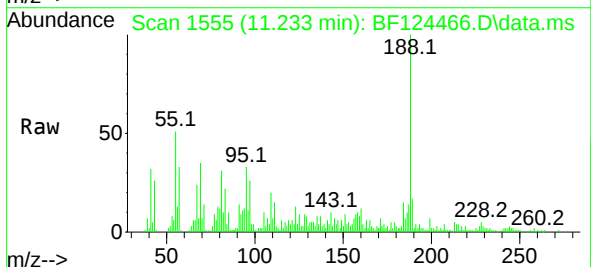
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

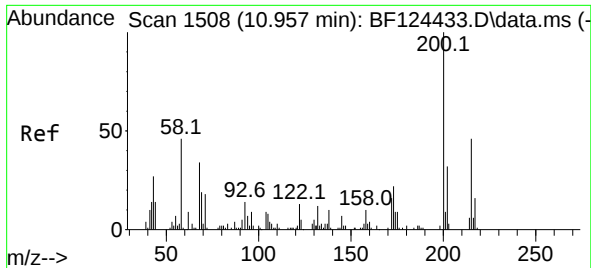
Tgt Ion:165 Resp: 2558
Ion Ratio Lower Upper
165 100
63 41.7 43.5 65.3#
89 31.0 67.7 101.5#
182 67.5 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:188 Resp: 89157
Ion Ratio Lower Upper
188 100
94 11.6 6.9 10.3#
80 12.0 8.2 12.2

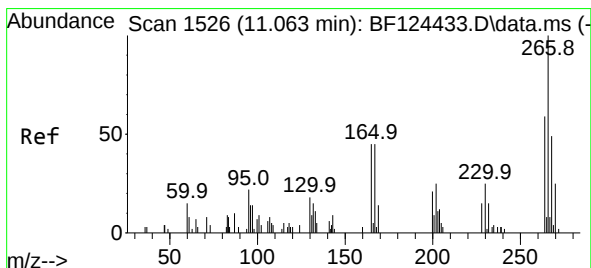
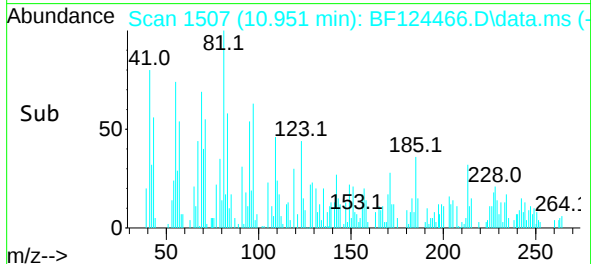
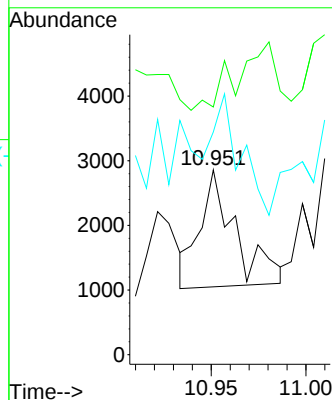
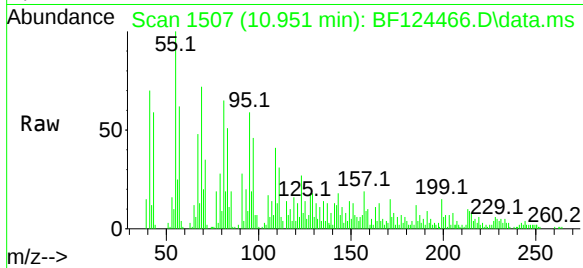




#69
Atrazine
Concen: 2.690 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.018 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

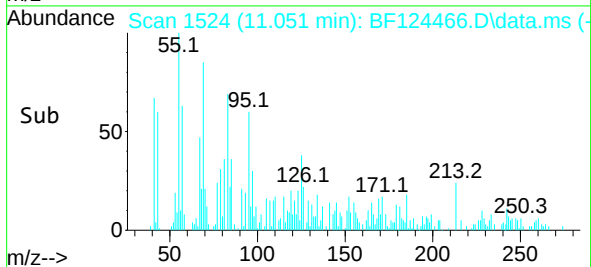
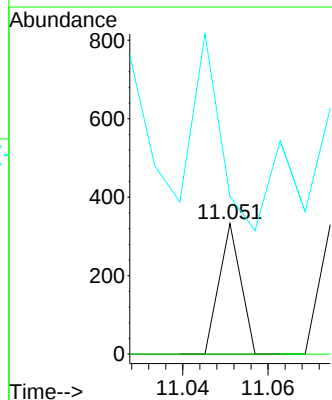
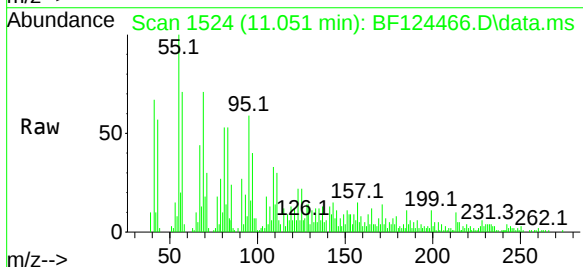
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

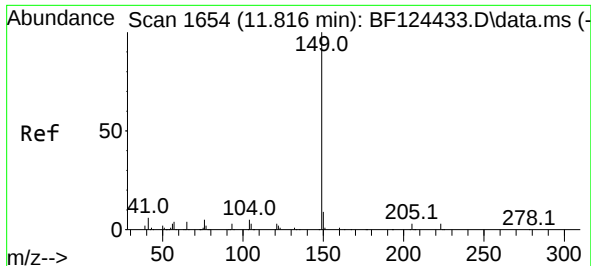
Tgt Ion:200 Resp: 2374
Ion Ratio Lower Upper
200 100
173 134.0 6.9 46.9#
215 120.5 26.5 66.5#



#70
Pentachlorophenol
Concen: 6.443 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:266 Resp: 117
Ion Ratio Lower Upper
266 100
268 0.0 51.6 77.4#
264 120.7 52.6 78.8#

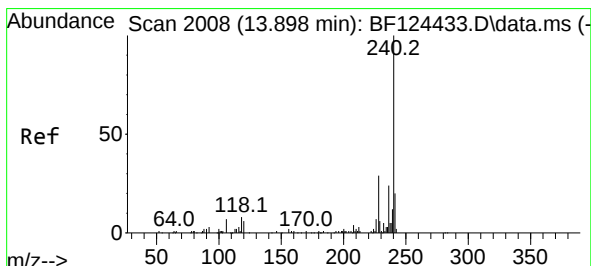
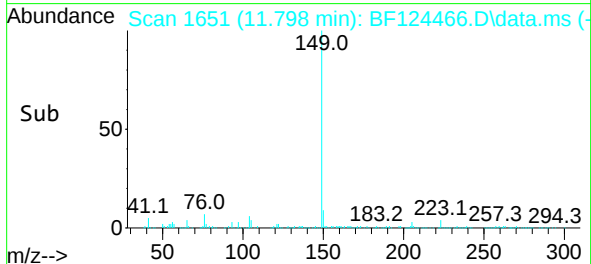
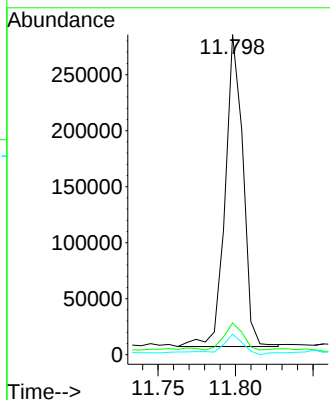
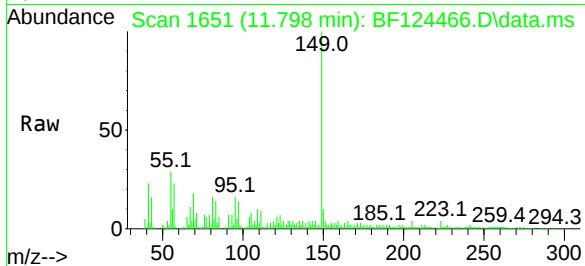




#74
Di-n-butylphthalate
Concen: 38.284 ng
RT: 11.798 min Scan# 1651
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

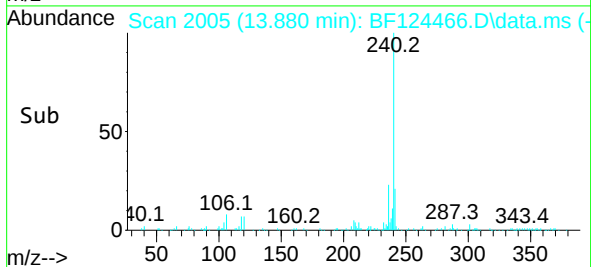
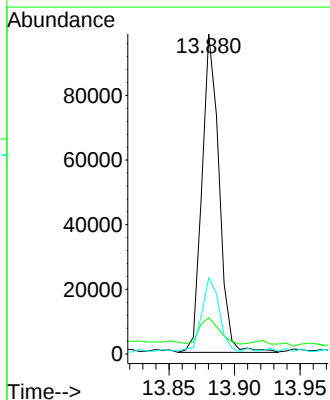
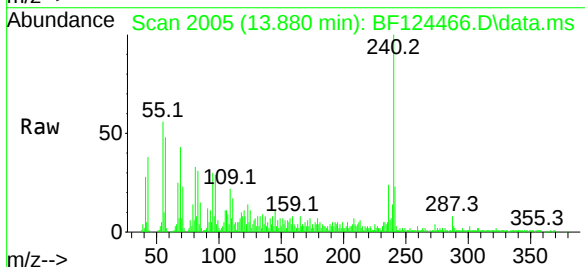
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

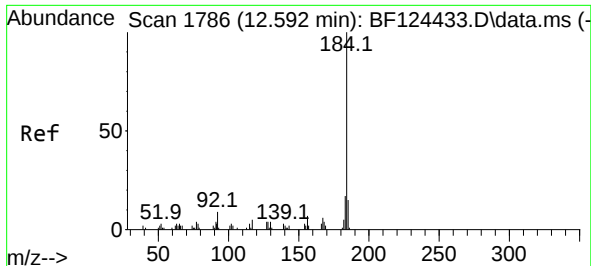
Tgt Ion:149 Resp: 222491
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.8
104 6.4 4.6 6.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:240 Resp: 89584
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.8 19.0 28.4

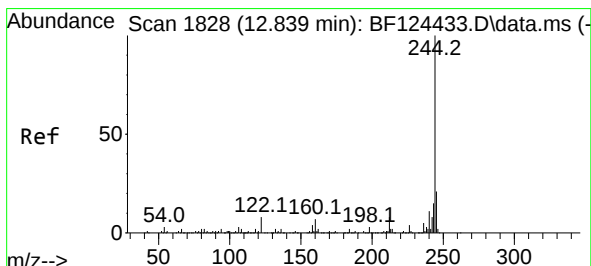
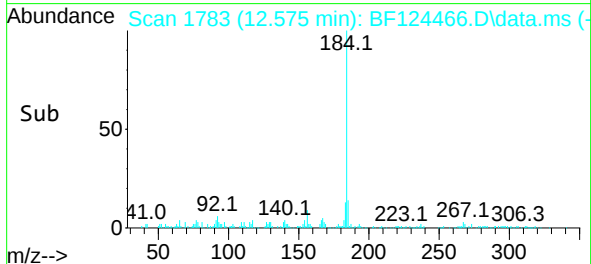
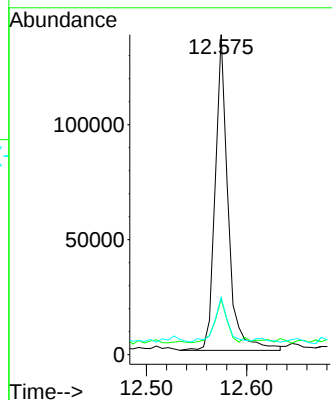
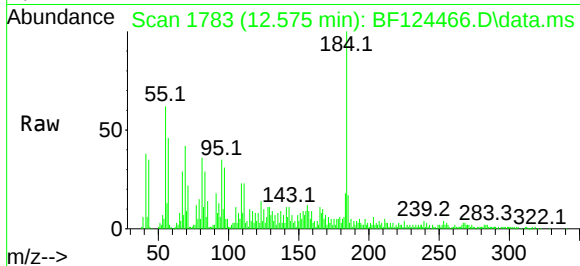




#77
Benzidine
Concen: 68.615 ng
RT: 12.575 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

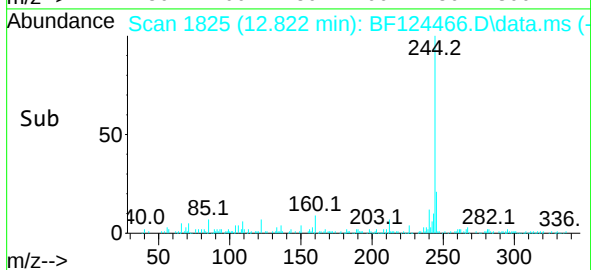
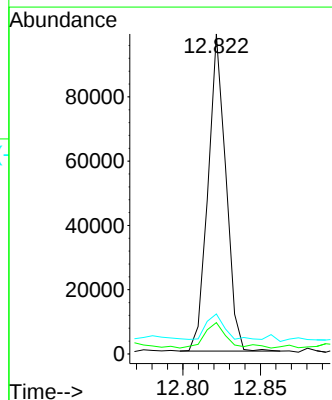
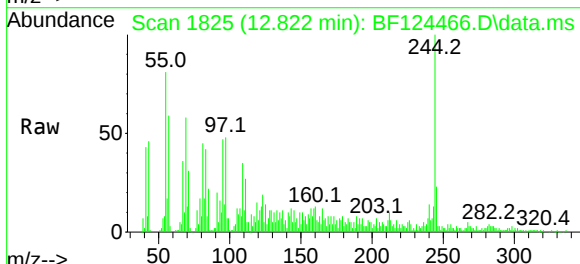
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

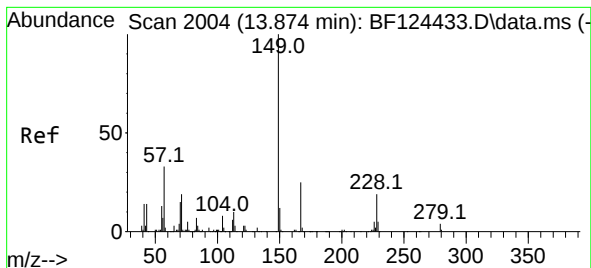
Tgt Ion:184 Resp: 123189
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 17.9 7.8 11.8#



#79
Terphenyl-d14
Concen: 13.215 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:244 Resp: 79040
Ion Ratio Lower Upper
244 100
212 9.8 5.7 8.5#
122 12.5 9.7 14.5

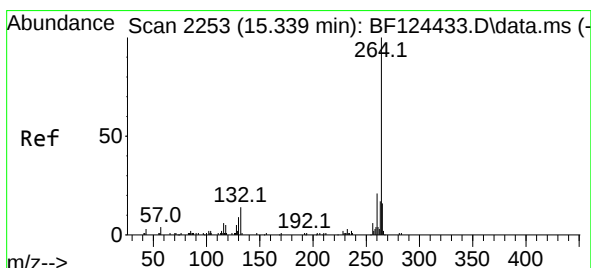
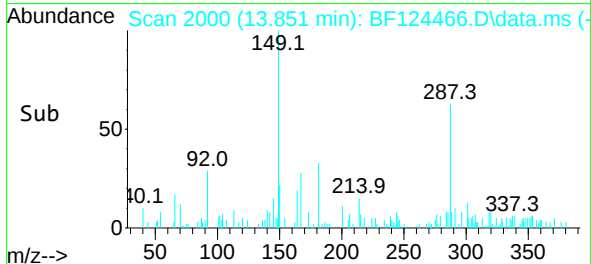
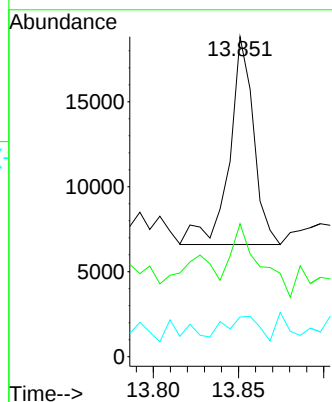
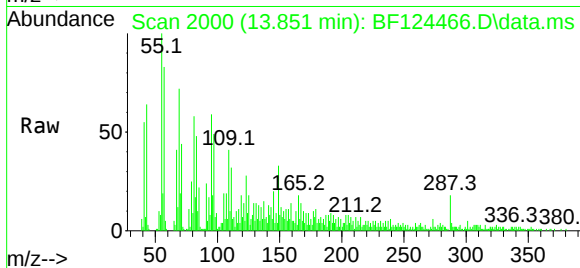




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.782 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

Tgt Ion:149 Resp: 12103
Ion Ratio Lower Upper
149 100
167 41.5 21.8 32.6#
279 12.4 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:264 Resp: 77485
Ion Ratio Lower Upper
264 100
260 21.4 18.7 28.1
265 19.5 17.8 26.8

