

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124573.D
 Acq On : 15 Jul 2021 15:29
 Operator : JU/CG
 Sample : M3004-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 15 16:03:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

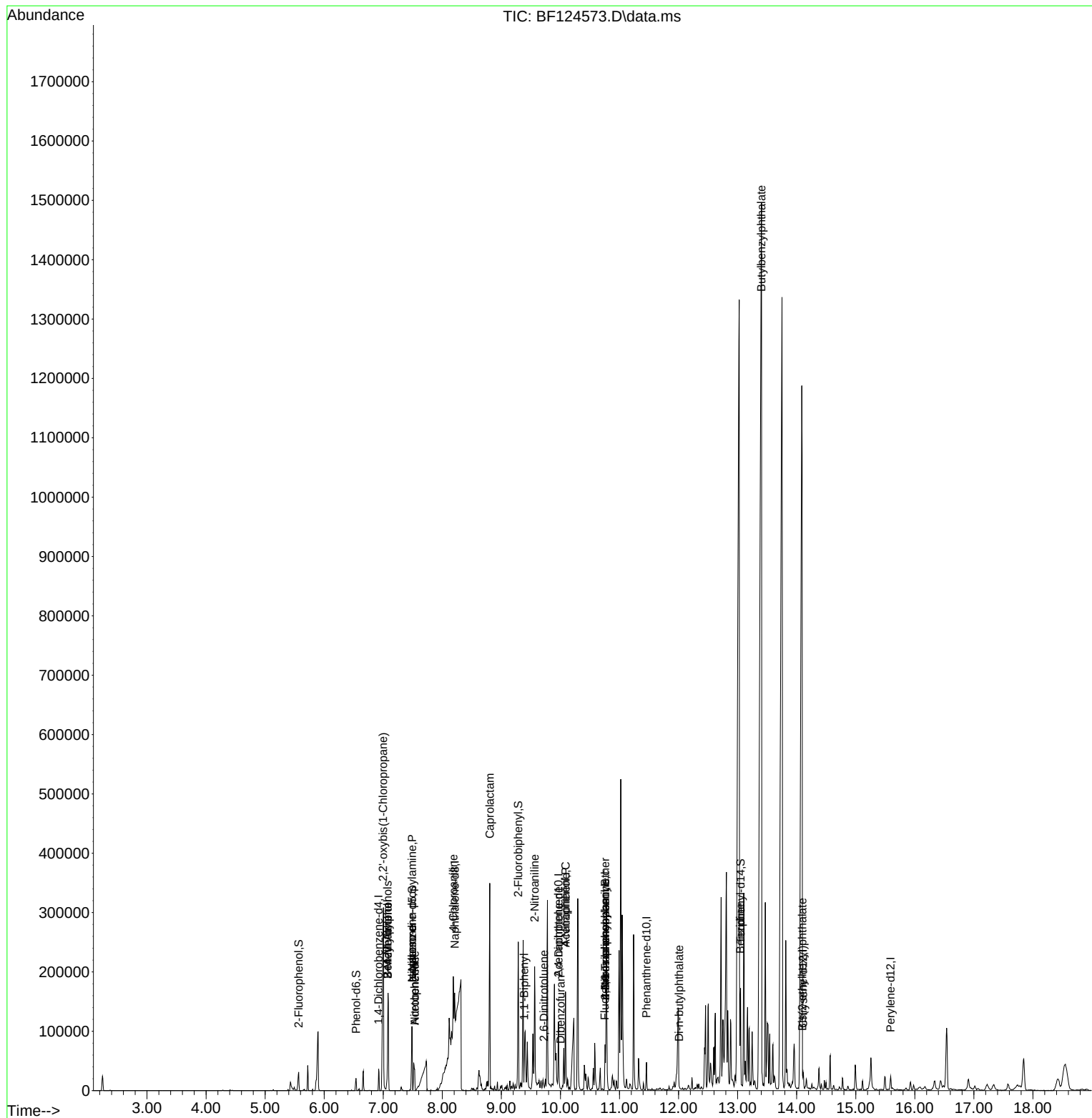
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5472	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	22117	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	11098	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	16333	20.000	ng	0.00
76) Chrysene-d12	14.109	240	10330	20.000	ng	0.01
86) Perylene-d12	15.592	264	11475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	12003	38.005	ng	0.03
7) Phenol-d6	6.539	99	8099	21.080	ng	0.00
23) Nitrobenzene-d5	7.486	82	31962	91.227	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	6061	70.181	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	70750	92.963	ng	0.00
79) Terphenyl-d14	13.051	244	52657	85.597	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.075	79	9335	35.114	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.998	45	2239	4.467	ng	75
17) 2-Methylphenol	7.075	107	5139	19.828	ng	# 14
19) n-Nitroso-di-n-propyla...	7.486	70	4164	19.277	ng	# 74
20) 3+4-Methylphenols	7.075	107	5139	15.060	ng	# 17
22) Acetophenone	7.533	105	10798	21.513	ng	# 80
24) Nitrobenzene	7.533	77	6278	18.071	ng	# 34
25) Isophorone	7.486	82	31710	49.303	ng	# 59
33) 4-Chloroaniline	8.186	127	242	0.560	ng	# 1
35) Caprolactam	8.804	113	1512	18.663	ng	# 1
46) 1,1'-Biphenyl	9.386	154	126	0.149	ng	# 43
48) 2-Nitroaniline	9.563	65	111	0.698	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	170	1.117	ng	# 26
52) Acenaphthene	10.086	154	598	0.907	ng	# 5
55) Dibenzofuran	10.004	168	150	0.155	ng	# 42
56) 4-Nitrophenol	10.086	139	129	0.912	ng	# 10
57) 2,4-Dinitrotoluene	9.969	165	1517	7.280	ng	# 18
58) Fluorene	10.751	166	408	0.544	ng	# 76
66) n-Nitrosodiphenylamine	10.757	169	114	0.214	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	539	3.191	ng	# 1
74) Di-n-butylphthalate	12.010	149	812	0.730	ng	# 78
77) Benzidine	13.045	184	737	1.908	ng	# 69
80) Butylbenzylphthalate	13.404	149	646	1.557	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.098	149	1374	2.466	ng	# 96

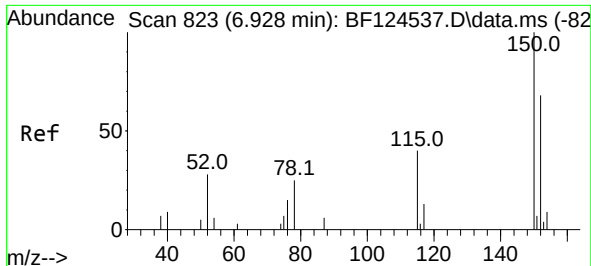
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124573.D
Acq On : 15 Jul 2021 15:29
Operator : JU/CG
Sample : M3004-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Jul 15 16:03:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

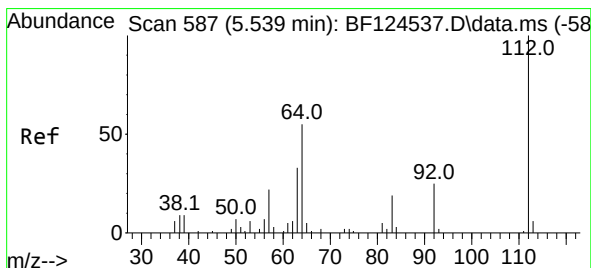
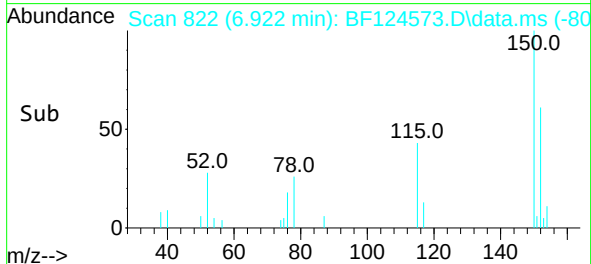
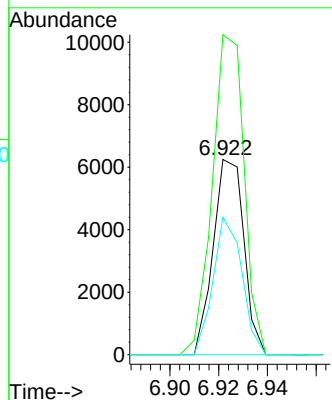
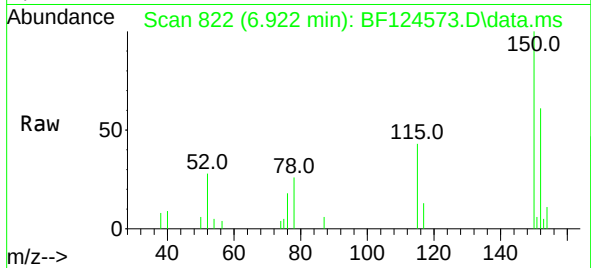




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

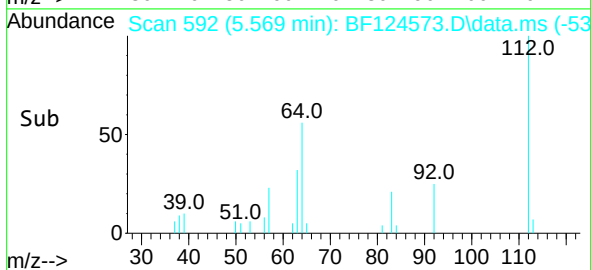
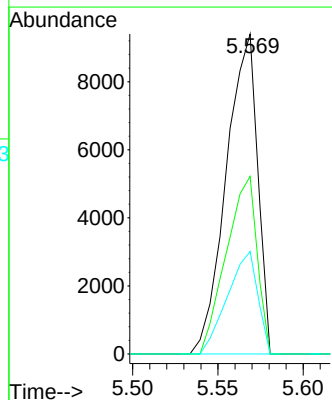
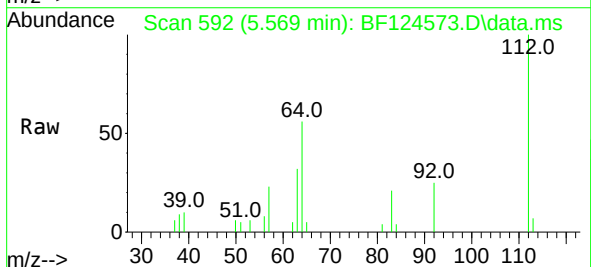
Instrument :
BNA_F
ClientSampleId :
EFF-WW

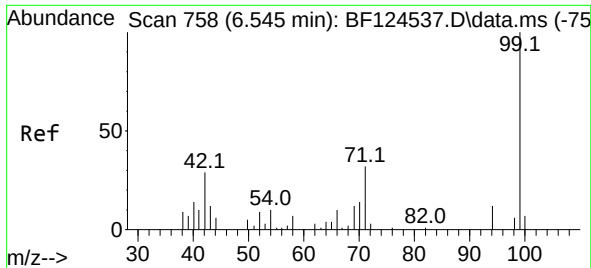
Tgt Ion:152 Resp: 5472
Ion Ratio Lower Upper
152 100
150 163.9 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 38.005 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.030 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:112 Resp: 12003
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.2
63 32.0 26.2 39.2

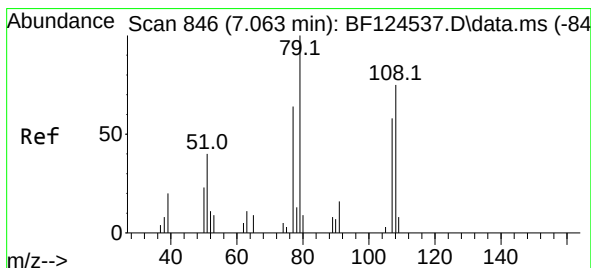
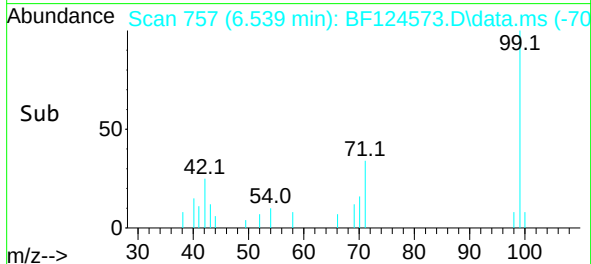
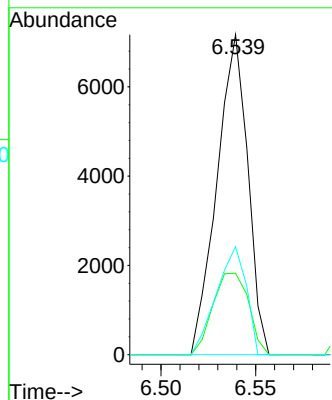
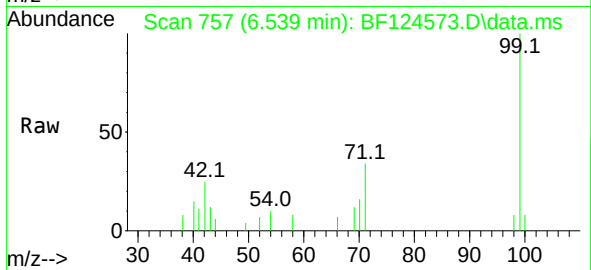




#7
Phenol-d6
Concen: 21.080 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

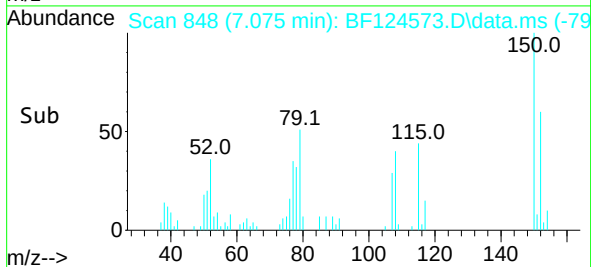
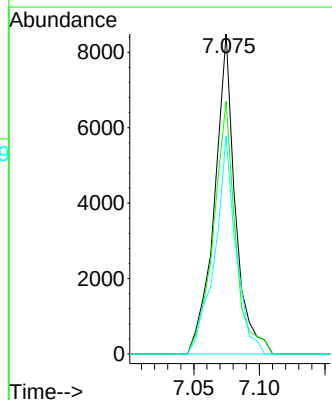
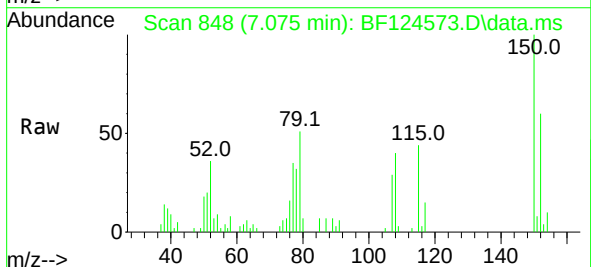
Instrument :
BNA_F
ClientSampleId :
EFF-WW

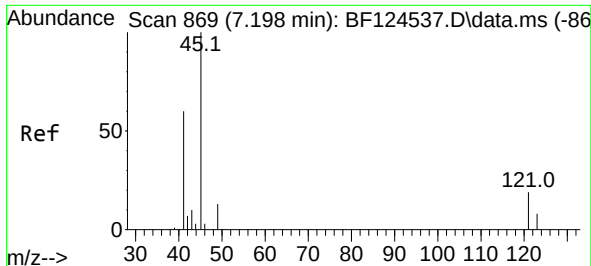
Tgt Ion:	99	Resp:	8099
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	33.8	25.6	38.4



#15
Benzyl Alcohol
Concen: 35.114 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.012 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:	79	Resp:	9335
Ion	Ratio	Lower	Upper
79	100		
108	79.0	60.4	90.6
77	68.1	51.5	77.3

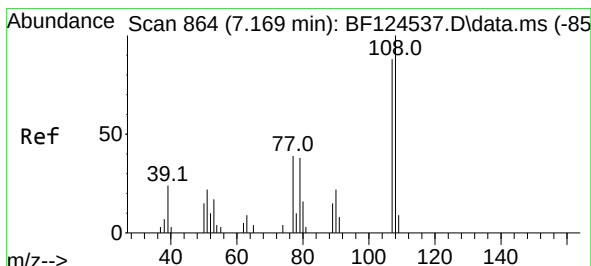
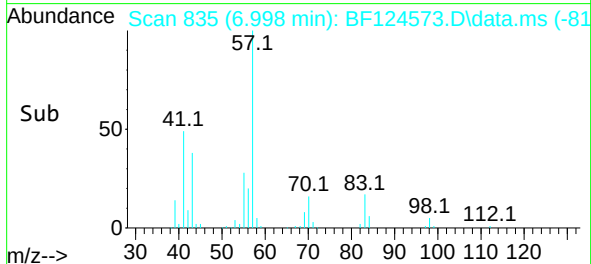
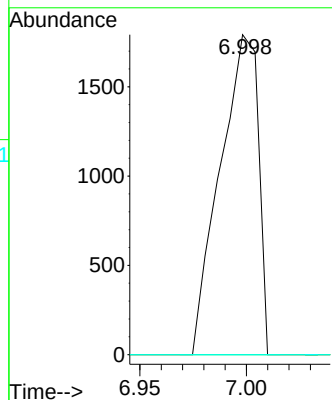
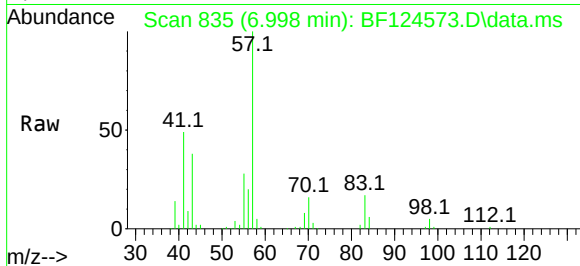




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.467 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.200 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

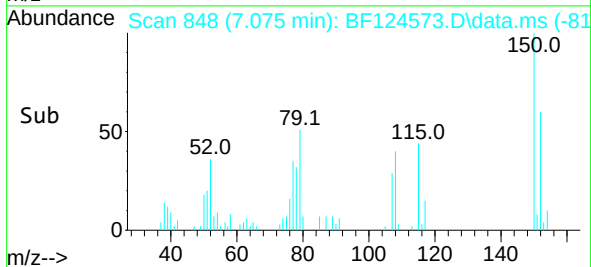
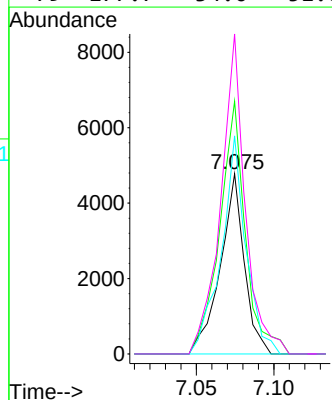
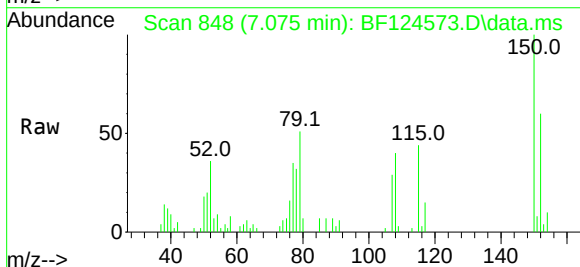
Instrument :
BNA_F
ClientSampleId :
EFF-WW

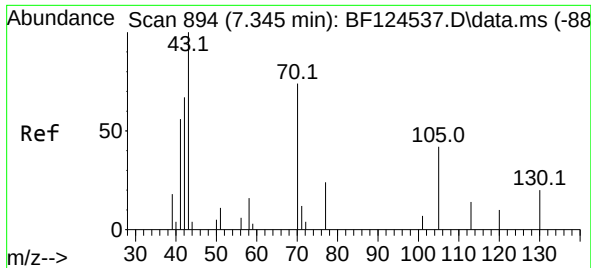
Tgt Ion: 45 Resp: 2239
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 27.5



#17
2-Methylphenol
Concen: 19.828 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.094 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion: 107 Resp: 5139
Ion Ratio Lower Upper
107 100
108 140.4 90.6 135.8#
77 121.1 35.7 53.5#
79 177.7 34.0 51.0#

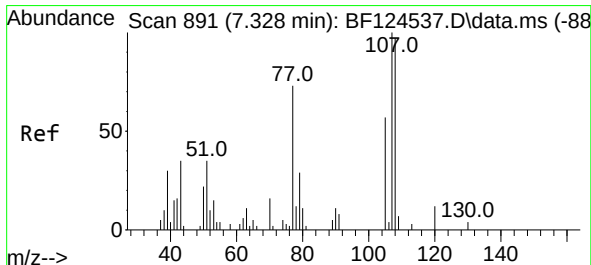
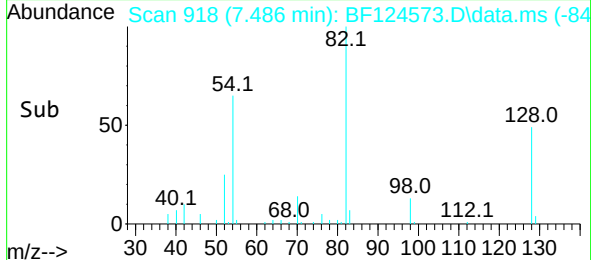
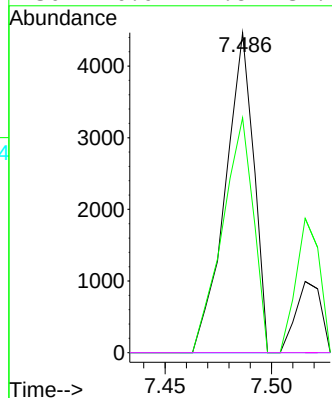
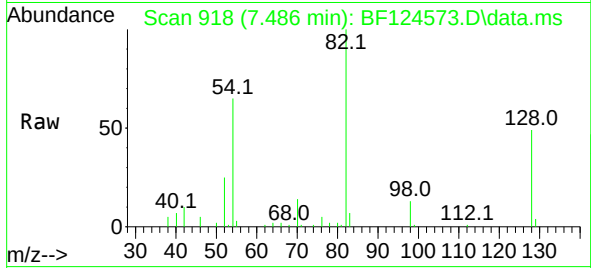




#19
n-Nitroso-di-n-propylamine
Concen: 19.277 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

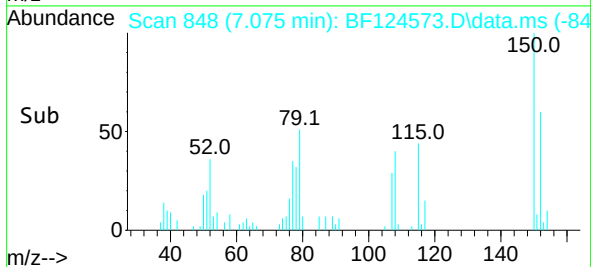
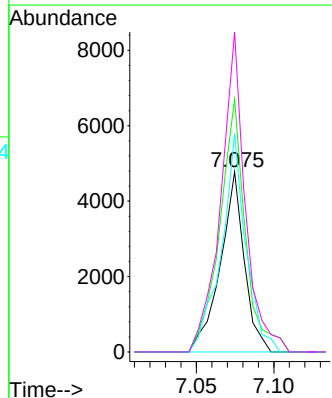
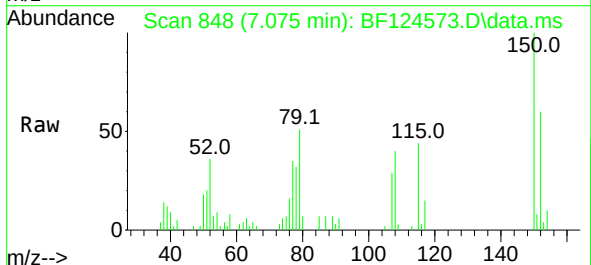
Instrument :
BNA_F
ClientSampleId :
EFF-WW

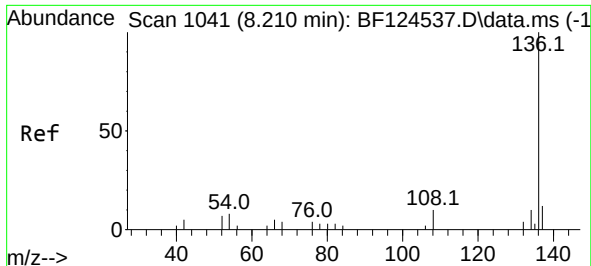
Tgt Ion: 70	Resp: 4164
Ion Ratio	Lower Upper
70	100
42	73.4 72.2 108.2
101	0.0 7.8 11.8#
130	0.0 21.8 32.6#



#20
3+4-Methylphenols
Concen: 15.060 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.253 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

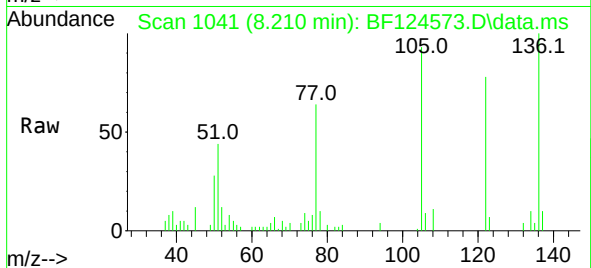
Tgt Ion: 107	Resp: 5139
Ion Ratio	Lower Upper
107	100
108	140.4 76.6 116.6#
77	121.1 53.3 93.3#
79	177.7 8.7 48.7#



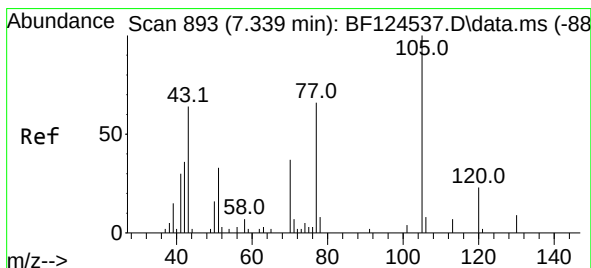
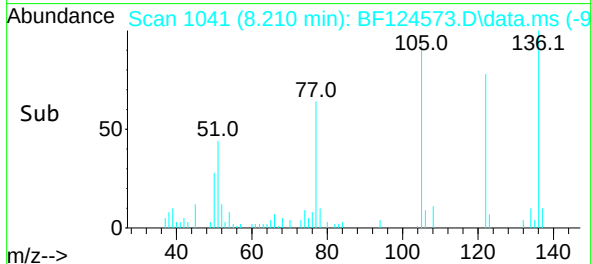
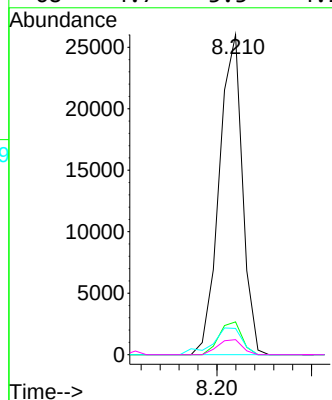


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Instrument :
BNA_F
ClientSampleId :
EFF-WW

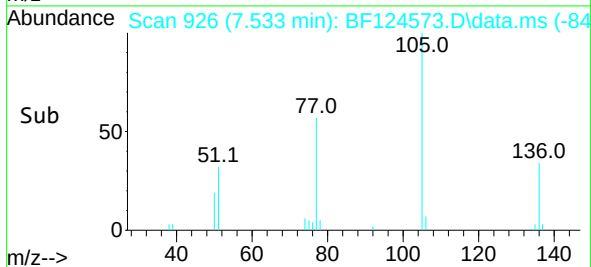
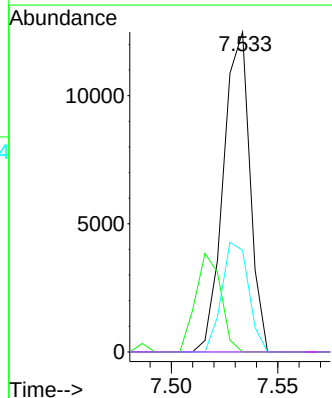
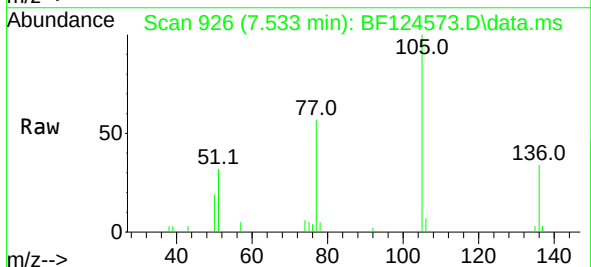


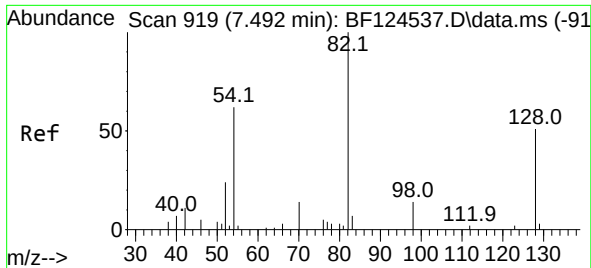
Tgt Ion:	136	Resp:	22117
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.8	14.6
54	8.2	6.4	9.6
68	4.7	3.3	4.9



#22
Acetophenone
Concen: 21.513 ng
RT: 7.533 min Scan# 926
Delta R.T. 0.194 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:	105	Resp:	10798
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3#
51	31.8	26.0	39.0
120	0.0	18.5	27.7#

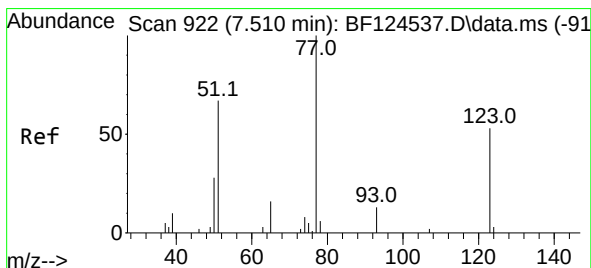
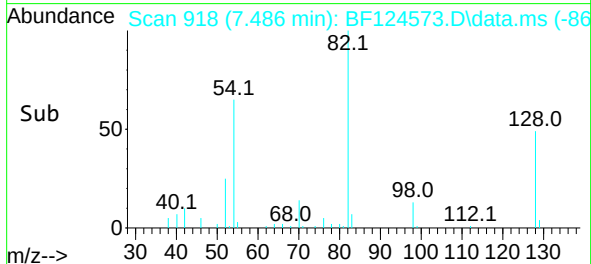
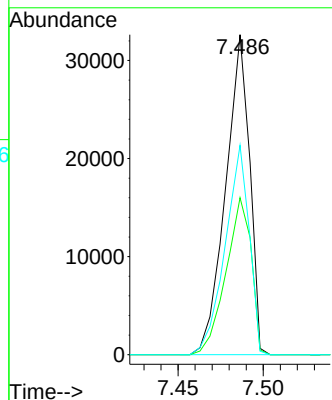
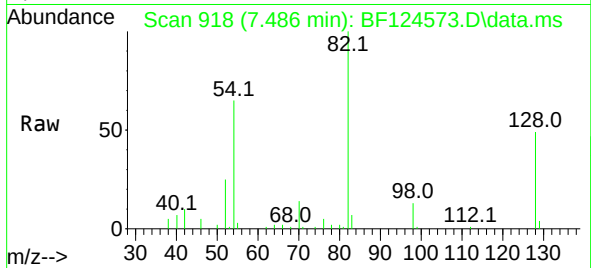




#23
Nitrobenzene-d5
Concen: 91.227 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

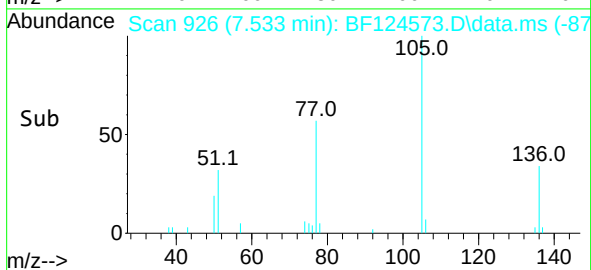
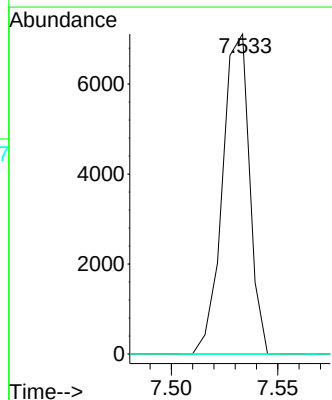
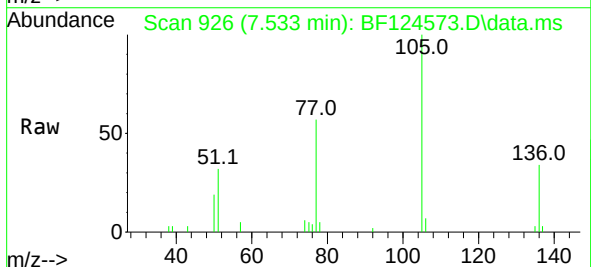
Instrument :
BNA_F
ClientSampleId :
EFF-WW

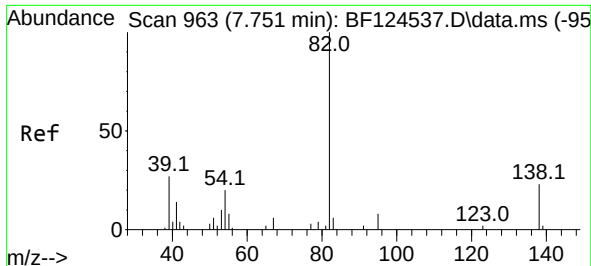
Tgt Ion: 82 Resp: 31962
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 65.5 49.6 74.4



#24
Nitrobenzene
Concen: 18.071 ng
RT: 7.533 min Scan# 926
Delta R.T. 0.024 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion: 77 Resp: 6278
Ion Ratio Lower Upper
77 100
123 0.0 42.3 63.5#
65 0.0 12.4 18.6#

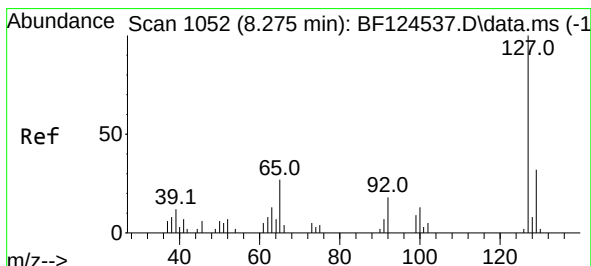
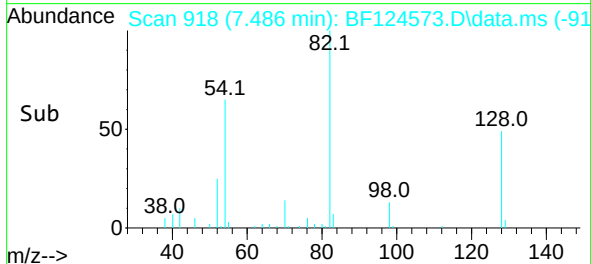
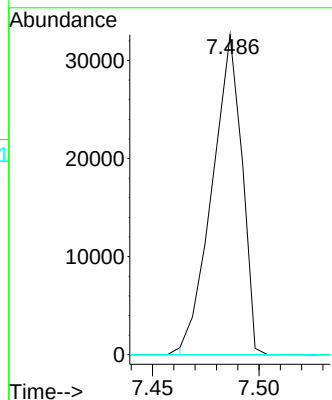
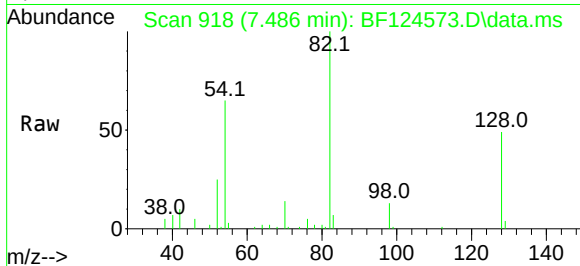




#25
Isophorone
Concen: 49.303 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

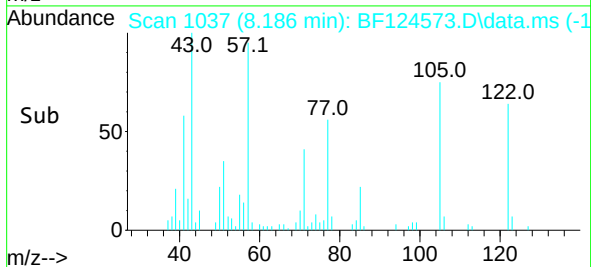
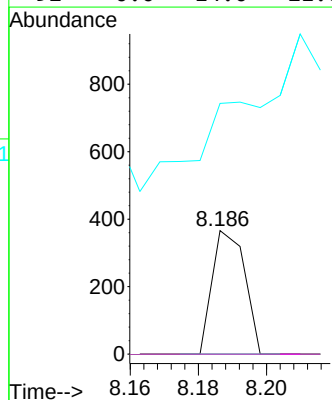
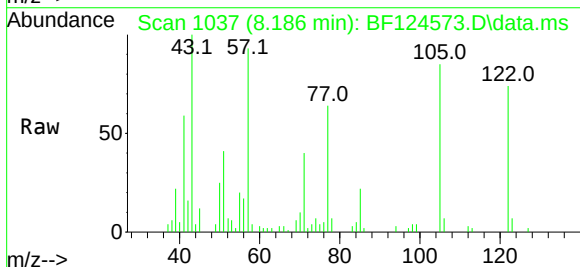
Instrument :
BNA_F
ClientSampleId :
EFF-WW

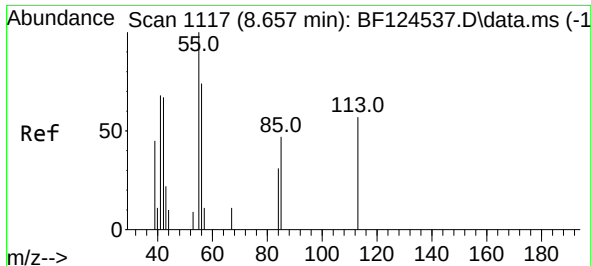
Tgt Ion: 82 Resp: 31710
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#33
4-Chloroaniline
Concen: 0.560 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.088 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion: 127 Resp: 242
Ion Ratio Lower Upper
127 100
129 0.0 25.7 38.5#
65 203.0 21.2 31.8#
92 0.0 14.0 21.0#

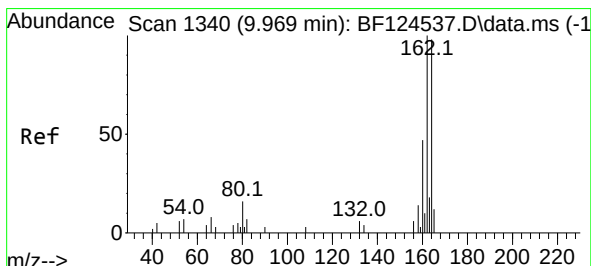
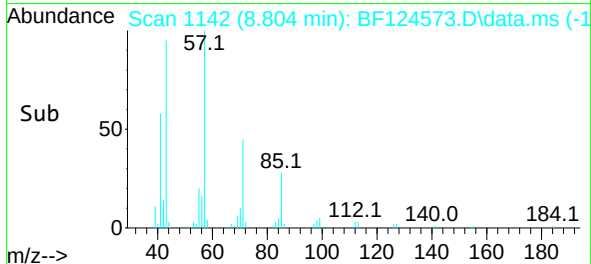
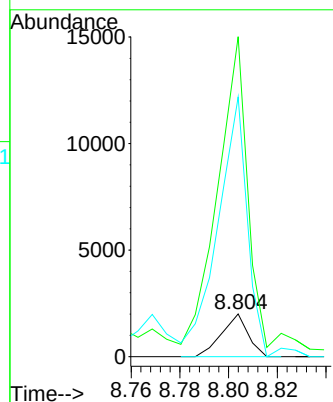
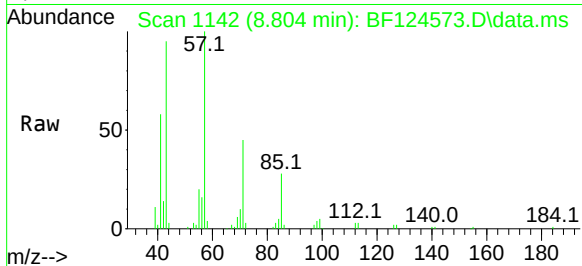




#35
Caprolactam
Concen: 18.663 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.147 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

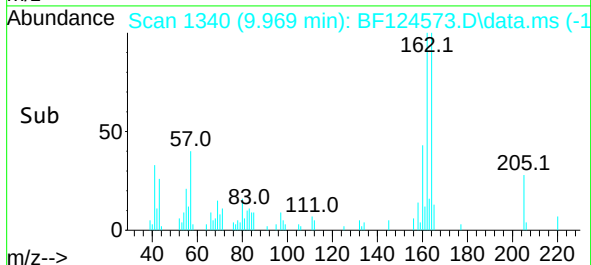
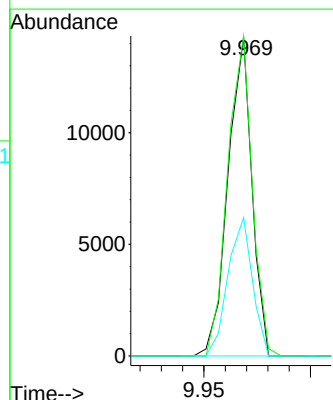
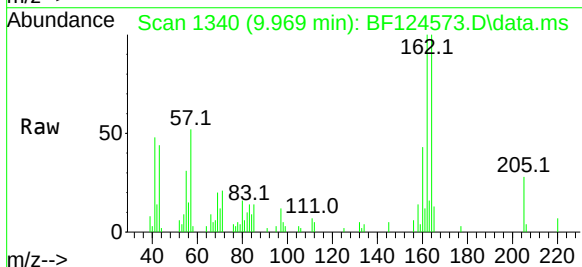
Instrument :
BNA_F
ClientSampleId :
EFF-WW

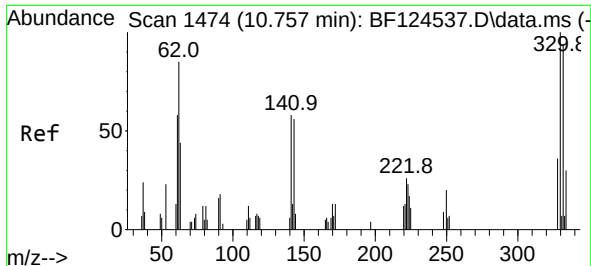
Tgt Ion:113 Resp: 1512
Ion Ratio Lower Upper
113 100
55 747.9 154.1 194.1#
56 606.9 108.7 148.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:164 Resp: 11098
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 43.5 38.0 57.0

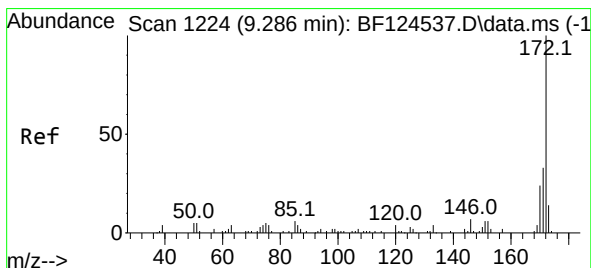
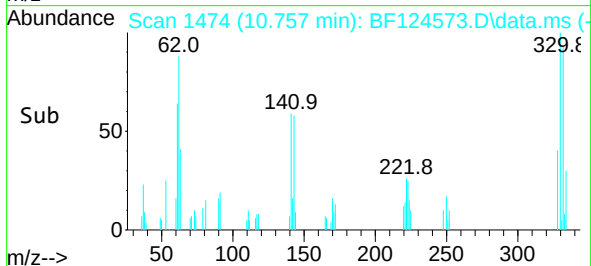
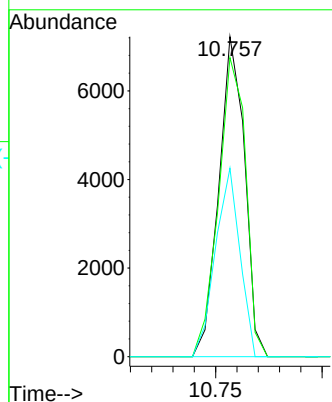
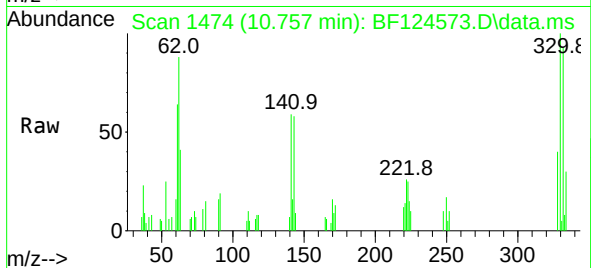




#42
2,4,6-Tribromophenol
Concen: 70.181 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

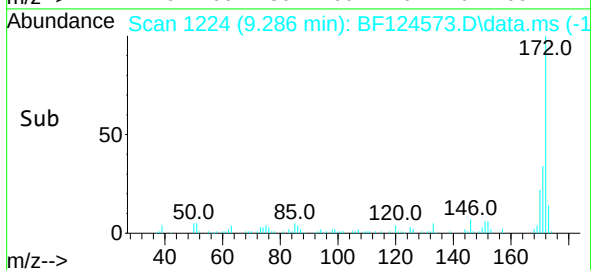
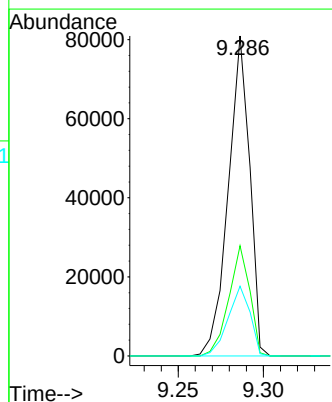
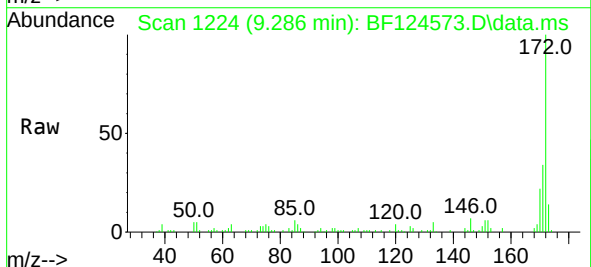
Instrument :
BNA_F
ClientSampleId :
EFF-WW

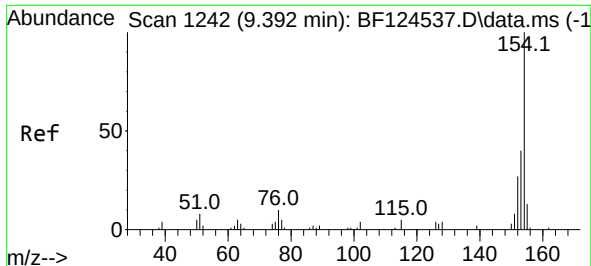
Tgt Ion: 330 Resp: 6061
Ion Ratio Lower Upper
330 100
332 99.0 76.2 114.4
141 56.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.963 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion: 172 Resp: 70750
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 21.8 18.8 28.2

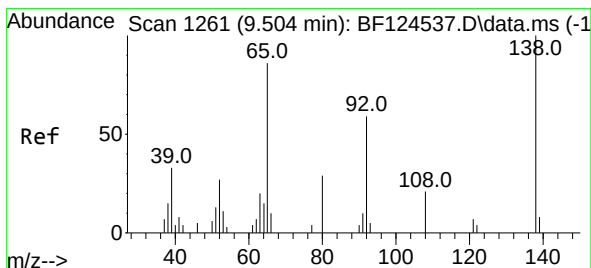
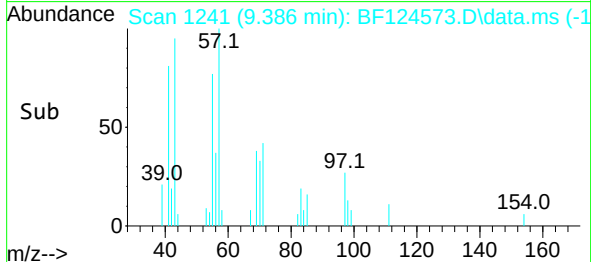
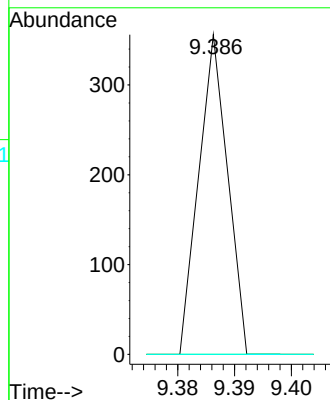
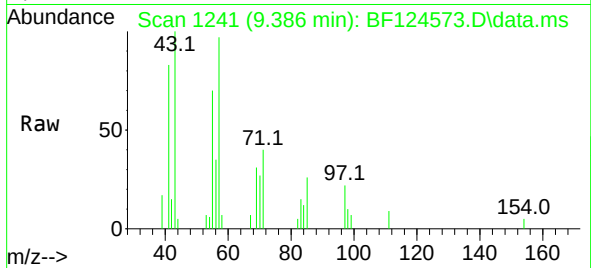




#46
1,1'-Biphenyl
Concen: 0.149 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

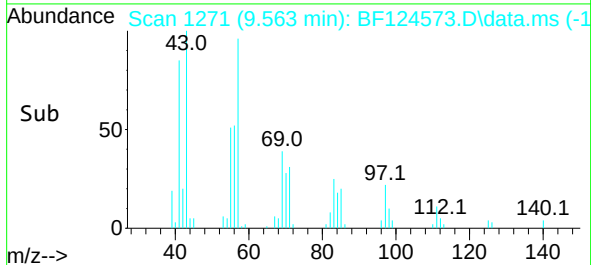
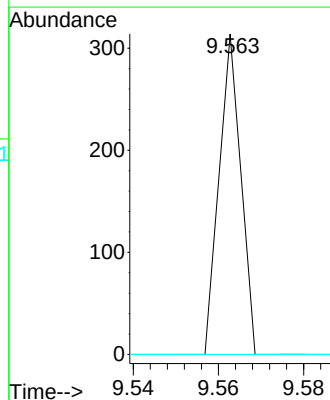
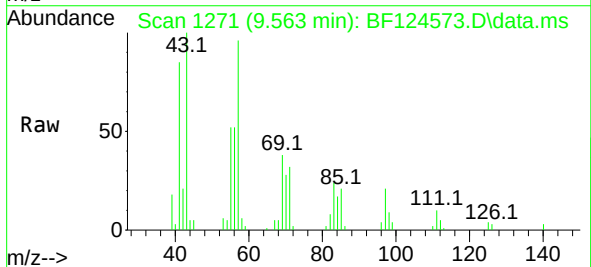
Instrument :
BNA_F
ClientSampleId :
EFF-WW

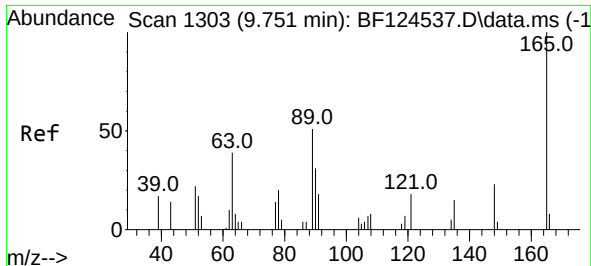
Tgt Ion:154 Resp: 126
Ion Ratio Lower Upper
154 100
153 0.0 20.0 60.0#
76 0.0 0.0 30.3



#48
2-Nitroaniline
Concen: 0.698 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.059 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

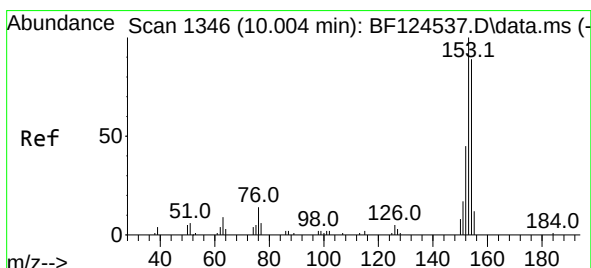
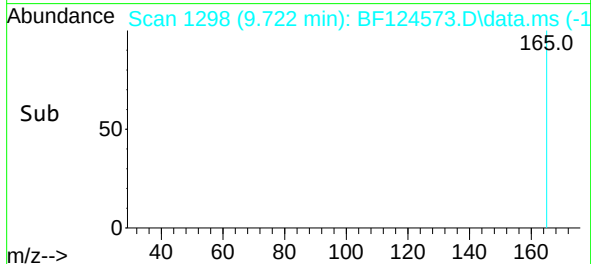
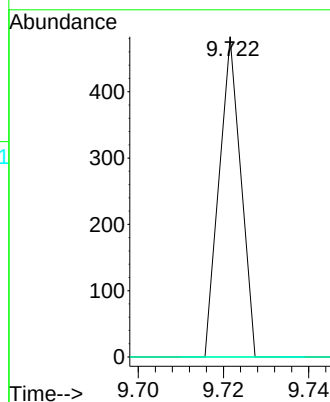
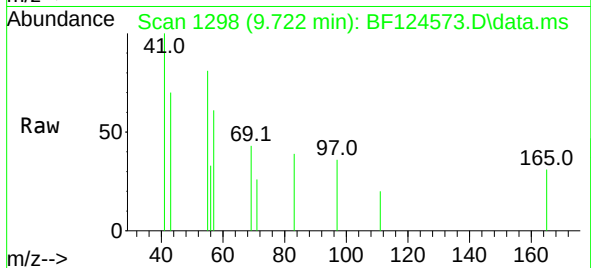




#51
2,6-Dinitrotoluene
Concen: 1.117 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.029 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

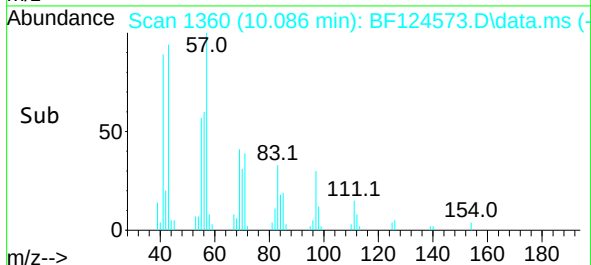
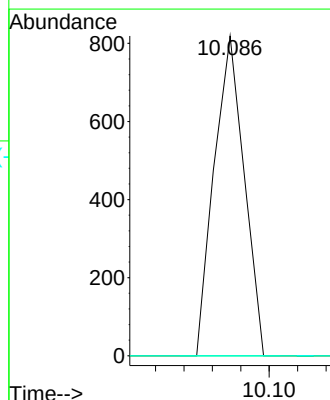
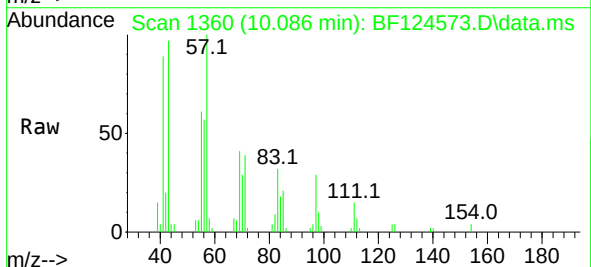
Instrument :
BNA_F
ClientSampleId :
EFF-WW

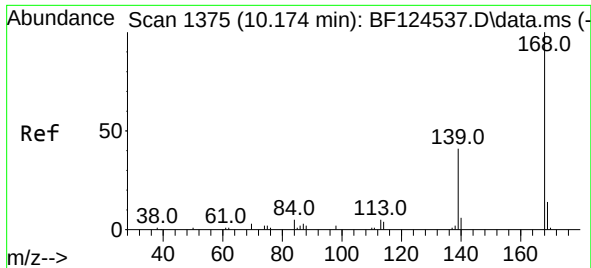
Tgt Ion:165 Resp: 170
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#52
Acenaphthene
Concen: 0.907 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.082 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:154 Resp: 598
Ion Ratio Lower Upper
154 100
153 0.0 89.4 134.2#
152 0.0 40.5 60.7#

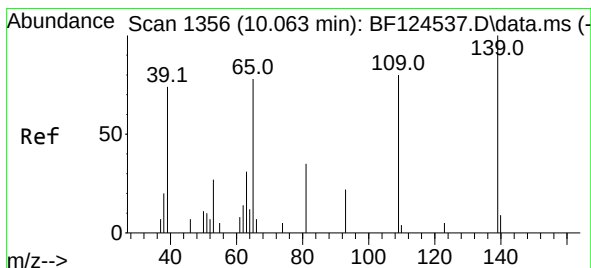
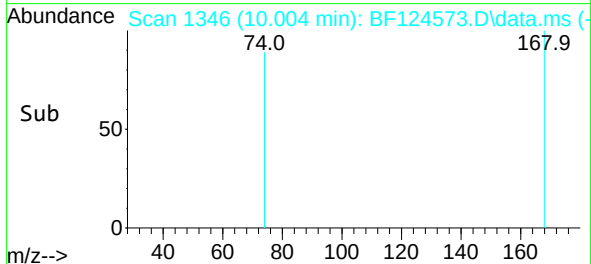
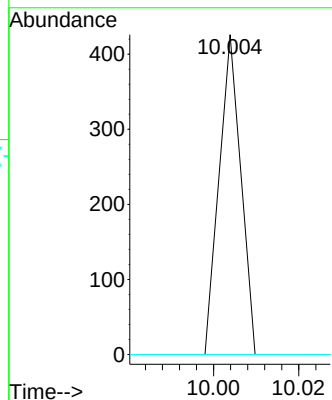
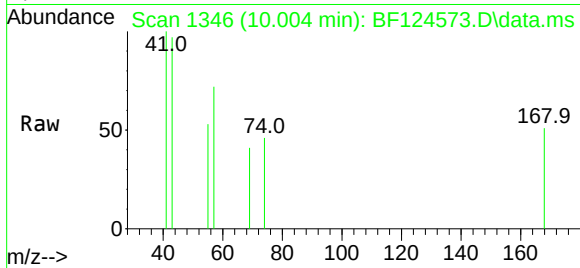




#55
Dibenzofuran
Concen: 0.155 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.171 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

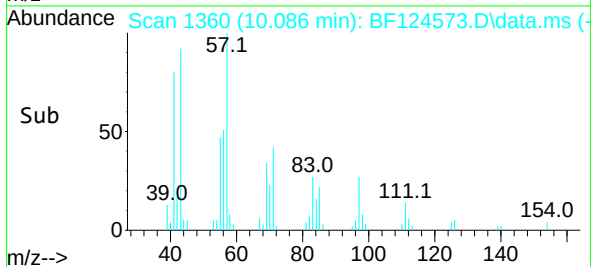
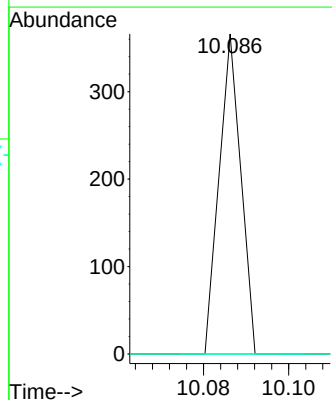
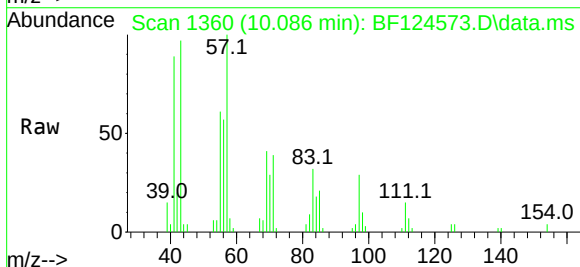
Instrument :
BNA_F
ClientSampleId :
EFF-WW

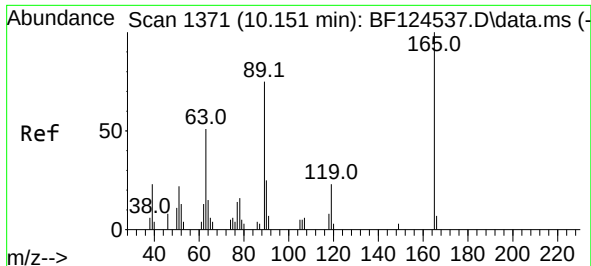
Tgt Ion:168 Resp: 150
Ion Ratio Lower Upper
168 100
139 0.0 32.7 49.1#
169 0.0 11.2 16.8#



#56
4-Nitrophenol
Concen: 0.912 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.024 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 0.0 60.4 100.4#
65 0.0 58.4 98.4#

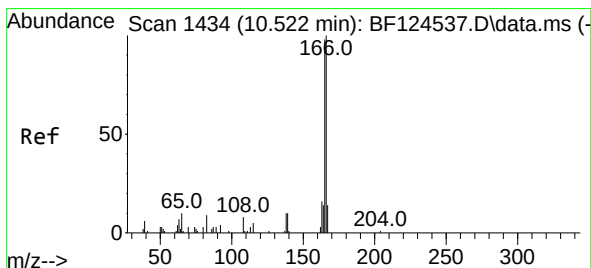
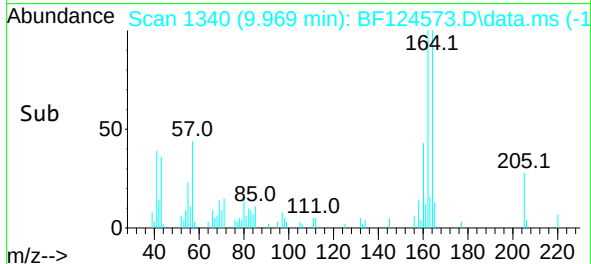
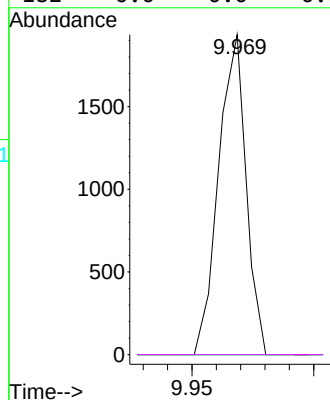
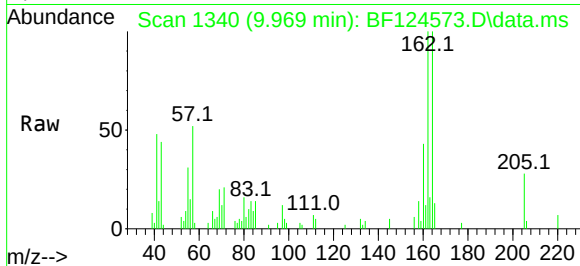




#57
2,4-Dinitrotoluene
Concen: 7.280 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.182 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

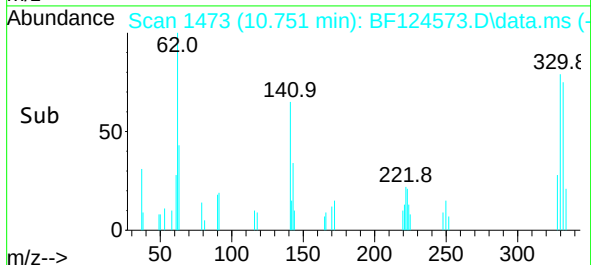
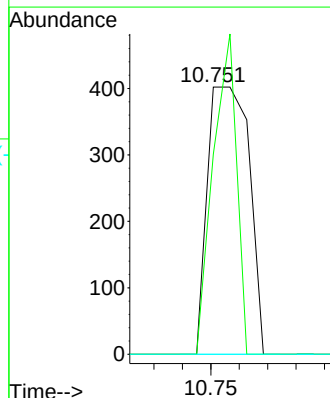
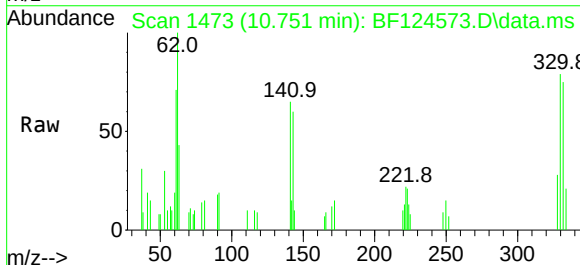
Instrument :
BNA_F
ClientSampleId :
EFF-WW

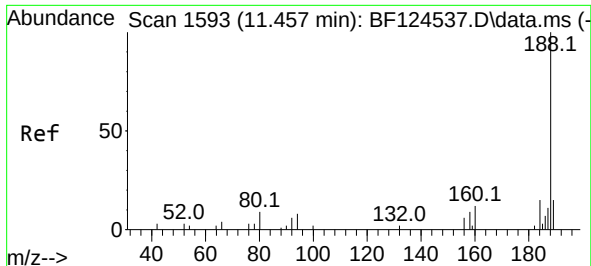
Tgt Ion:	165	Resp:	1517
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



#58
Fluorene
Concen: 0.544 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.229 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:	166	Resp:	408
Ion	Ratio	Lower	Upper
166	100		
165	74.9	78.1	117.1#
167	0.0	11.1	16.7#

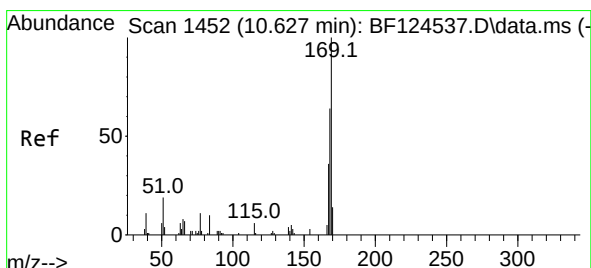
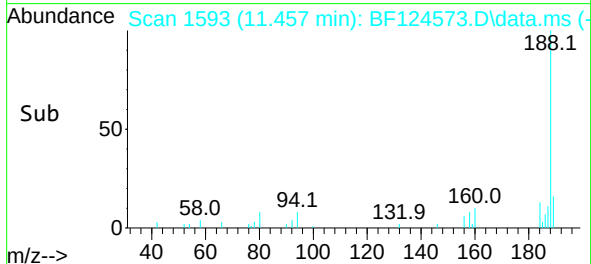
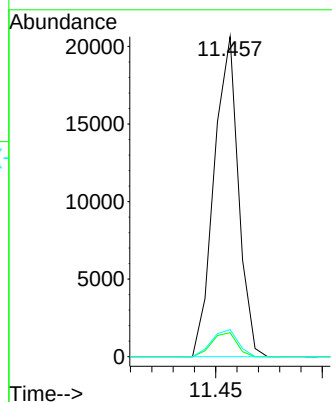
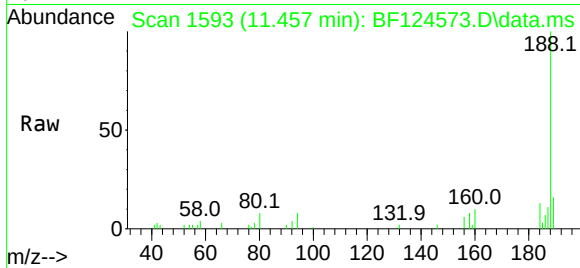




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

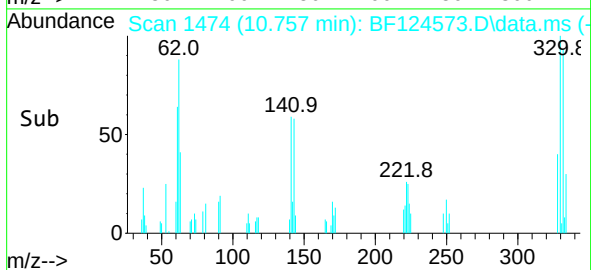
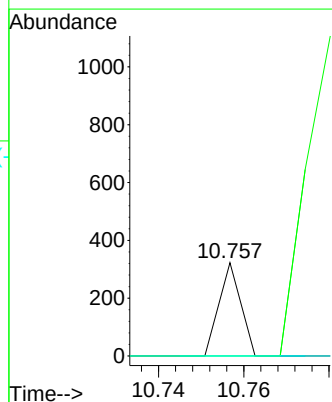
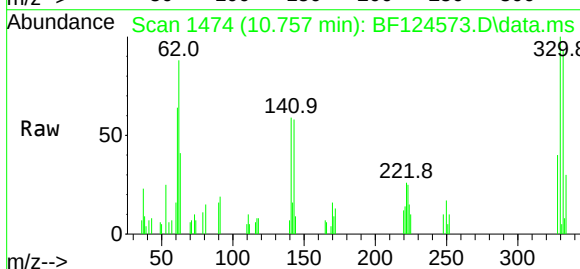
Instrument :
BNA_F
ClientSampleId :
EFF-WW

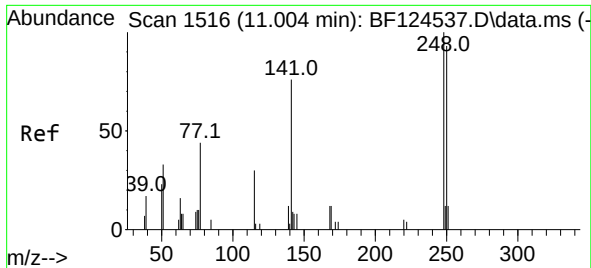
Tgt Ion:188 Resp: 16333
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.5 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 0.214 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.129 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:169 Resp: 114
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 0.0 28.8 43.2#

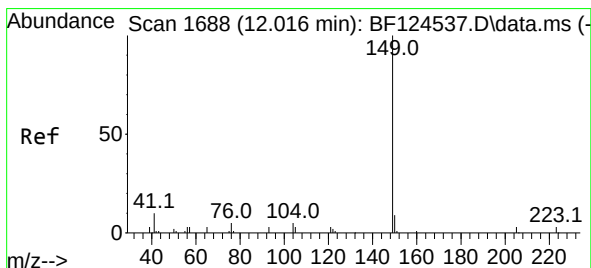
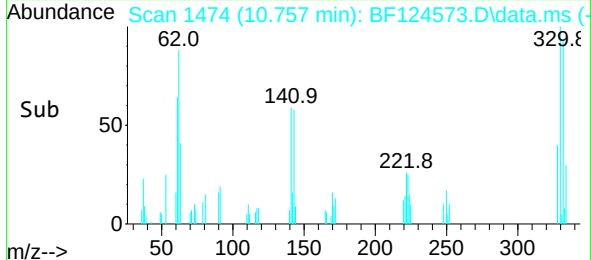
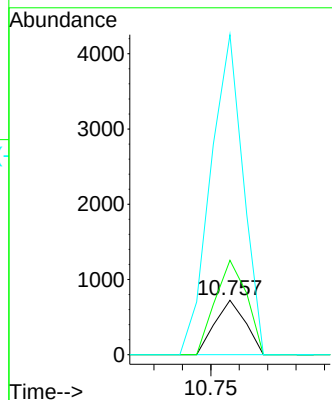
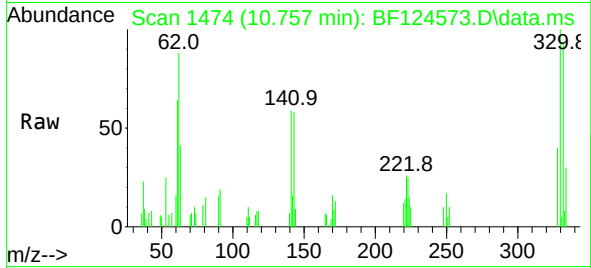




#67
4-Bromophenyl-phenylether
Concen: 3.191 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

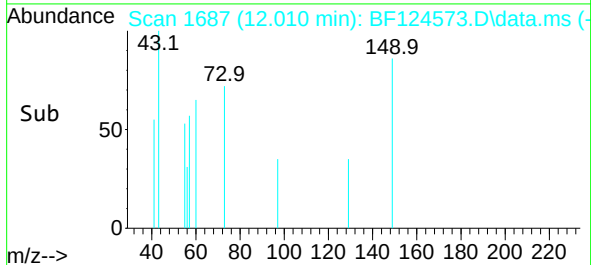
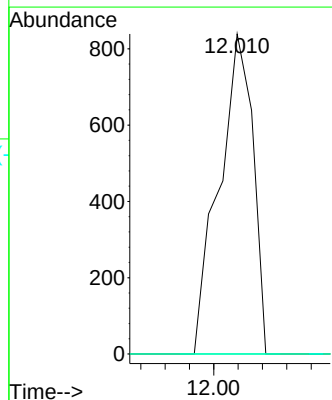
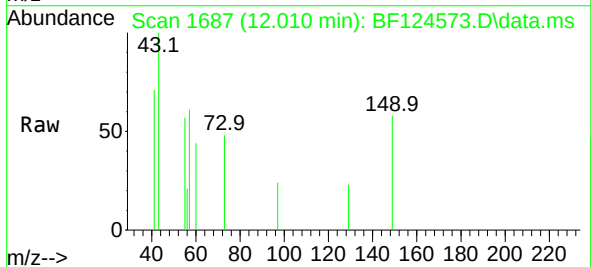
Instrument :
BNA_F
ClientSampleId :
EFF-WW

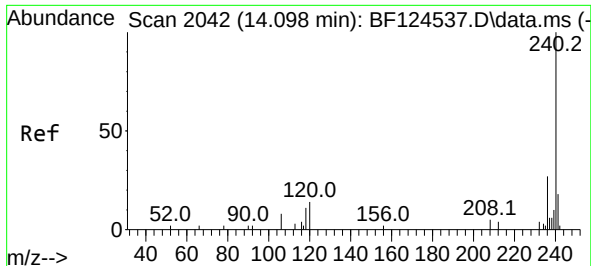
Tgt Ion:248 Resp: 539
Ion Ratio Lower Upper
248 100
250 173.4 74.2 111.4#
141 588.4 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 0.730 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:149 Resp: 812
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 4.1 6.1#

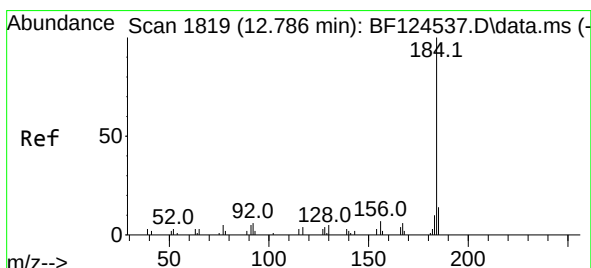
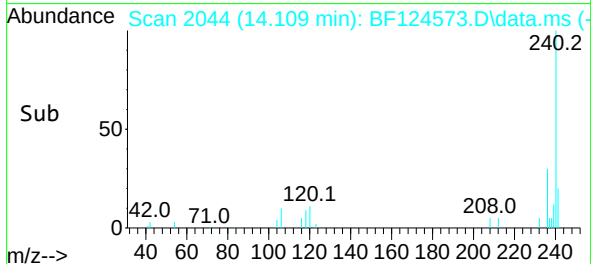
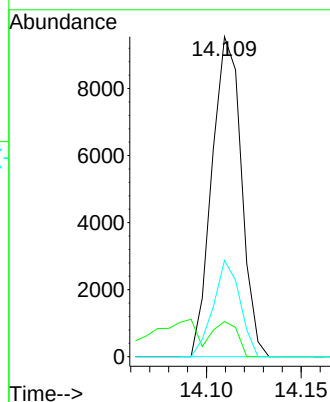
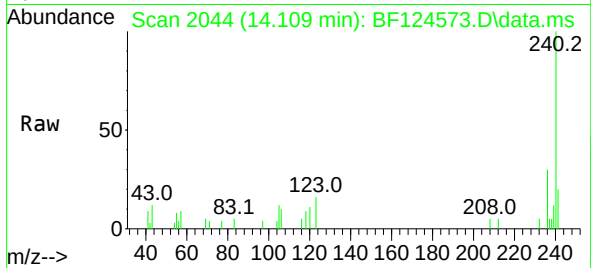




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

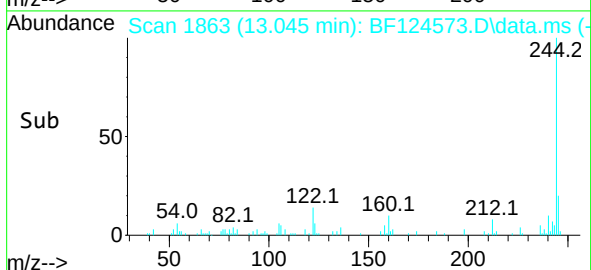
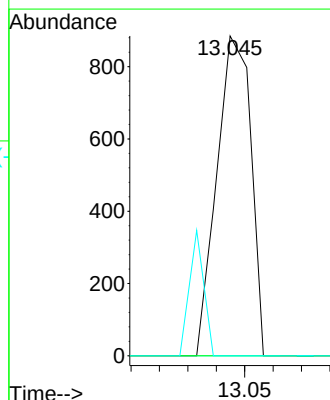
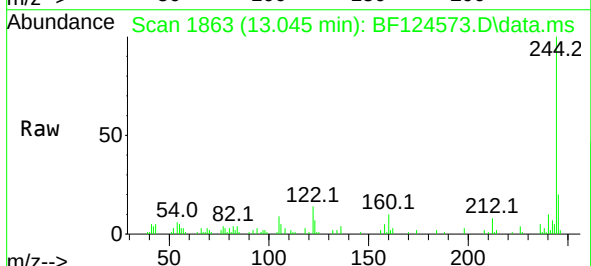
Instrument :
BNA_F
ClientSampleId :
EFF-WW

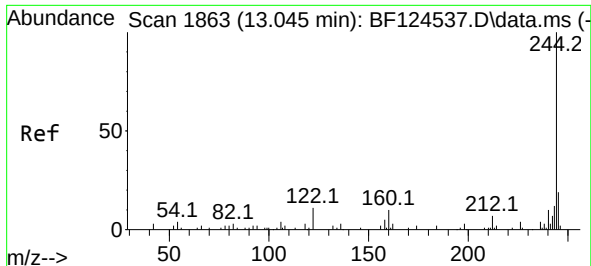
Tgt Ion:240 Resp: 10330
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 30.1 21.6 32.4



#77
Benzidine
Concen: 1.908 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:184 Resp: 737
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

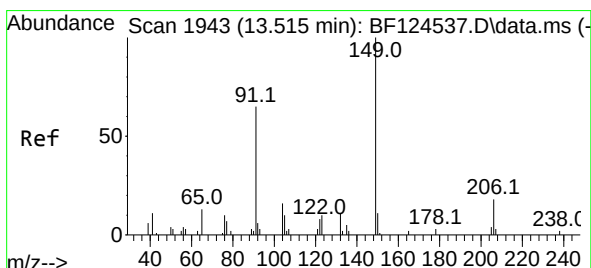
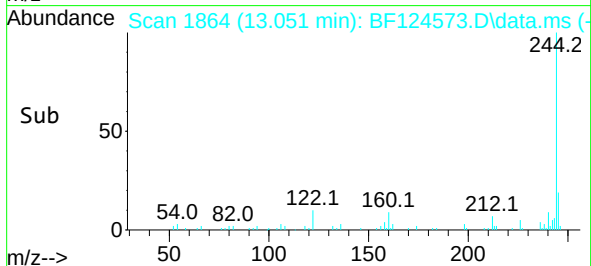
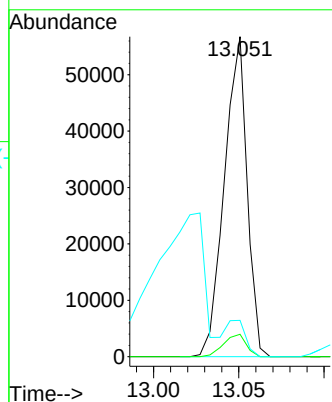
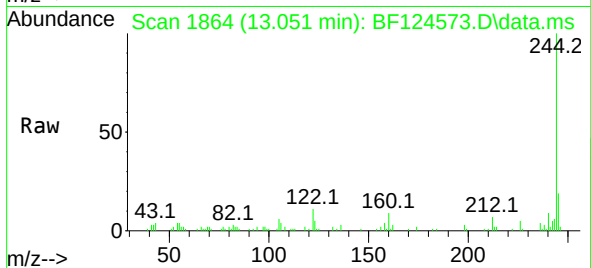




#79
Terphenyl-d14
Concen: 85.597 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

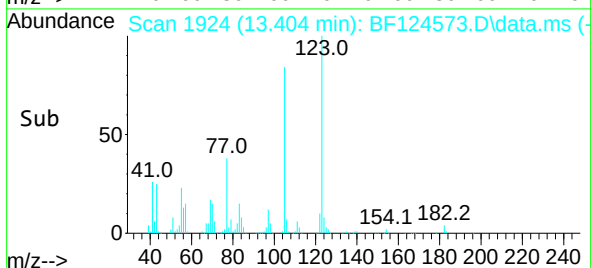
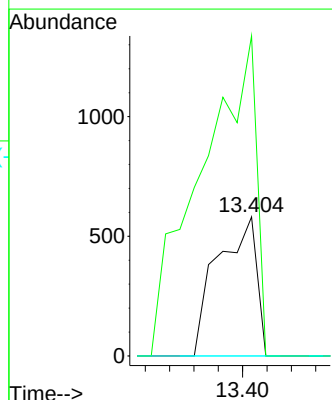
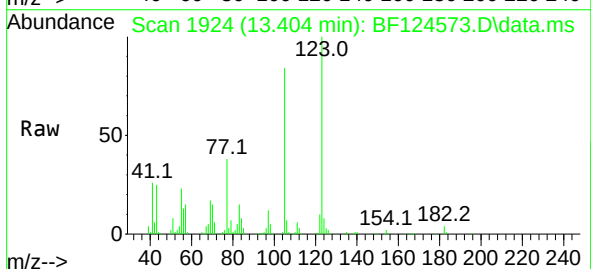
Instrument :
BNA_F
ClientSampleId :
EFF-WW

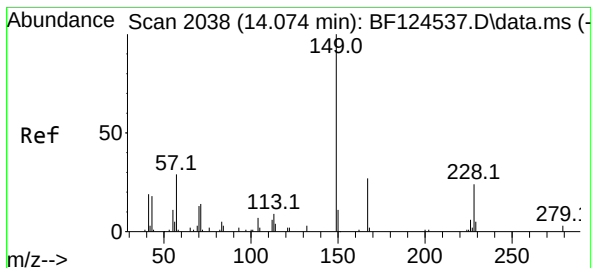
Tgt Ion:244 Resp: 52657
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.4 9.0 13.4



#80
Butylbenzylphthalate
Concen: 1.557 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.112 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:149 Resp: 646
Ion Ratio Lower Upper
149 100
91 230.1 51.8 77.8#
206 0.0 14.5 21.7#

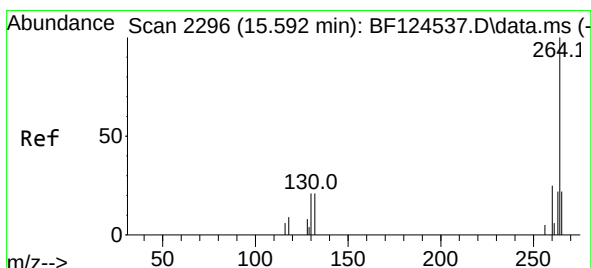
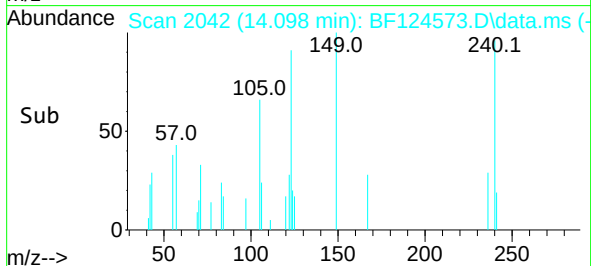
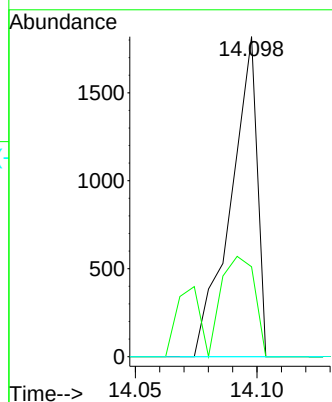
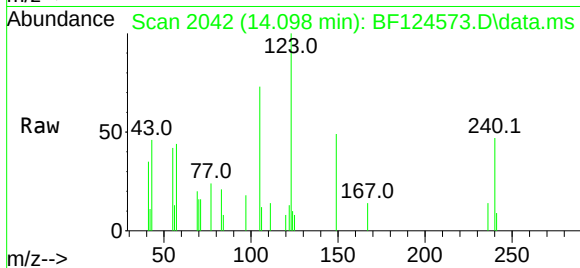




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.466 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.024 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 1374
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BF124573.D
Acq: 15 Jul 2021 15:29

Tgt Ion:264 Resp: 11475
Ion Ratio Lower Upper
264 100
260 21.8 19.6 29.4
265 23.2 17.2 25.8

