

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124186.D
 Acq On : 8 Jun 2021 18:29
 Operator : JU/CG
 Sample : M2632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PRODUCT01-IW-PS-D1BR

Quant Time: Jun 09 04:08:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

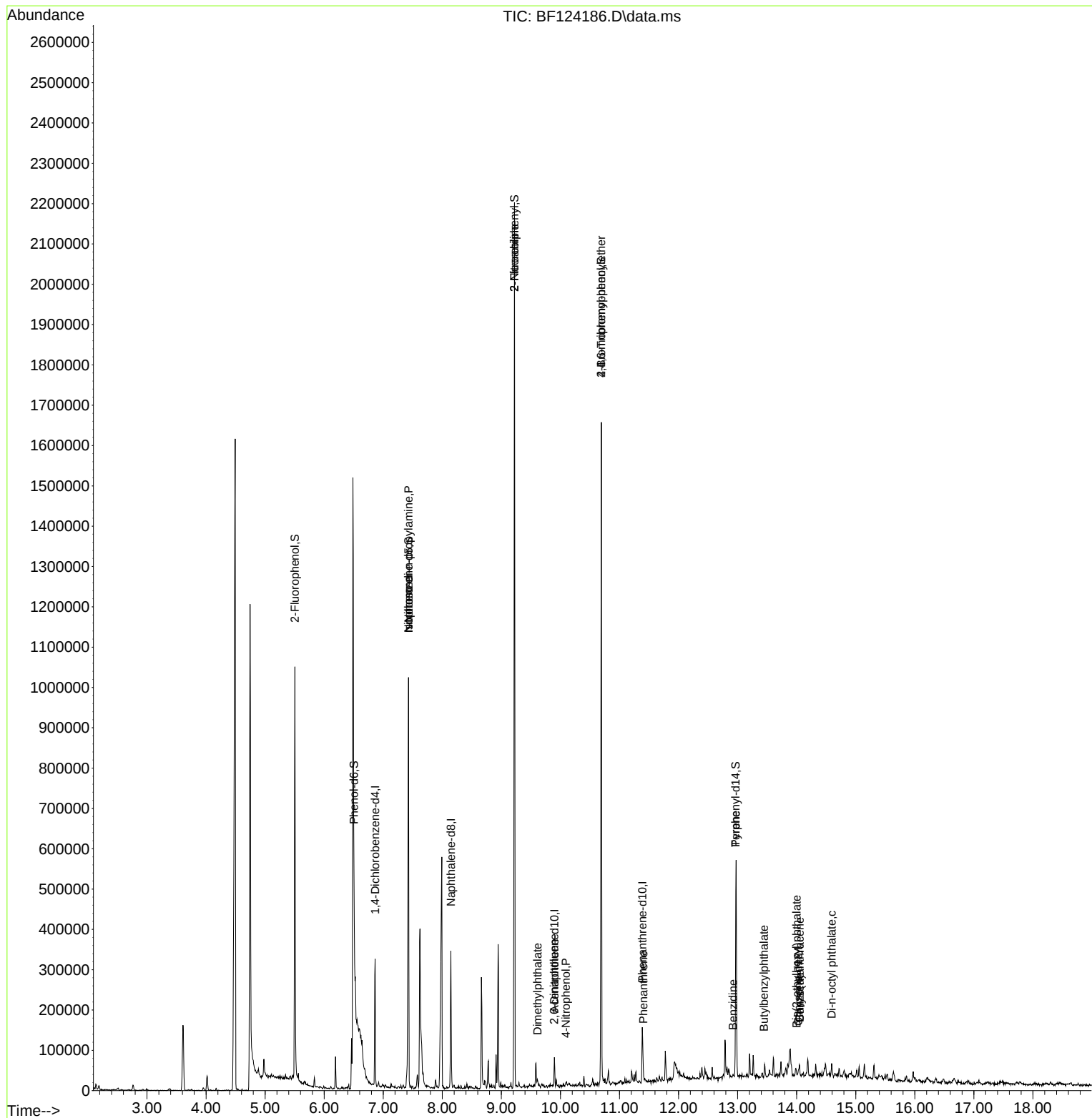
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	39143	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	94675	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	7041	20.00	ng	# 0.00
64) Phenanthrene-d10	11.386	188	23844	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1812	20.00	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.00	ng	-15.51
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	211010	81.15	ng	0.01
7) Phenol-d6	6.504	99	30070	8.60	ng	0.00
23) Nitrobenzene-d5	7.428	82	311581	130.53	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	162216	1626.16	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	588249	1051.32	ng	0.00
79) Terphenyl-d14	12.968	244	71945	545.13	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	44957	18.22	ng	# 67
25) Isophorone	7.428	82	311198	72.35	ng	# 69
48) 2-Nitroaniline	9.222	65	1302	7.46	ng	# 1
50) Dimethylphthalate	9.610	163	2241	3.85	ng	# 76
51) 2,6-Dinitrotoluene	9.892	165	1410	10.56	ng	# 10
56) 4-Nitrophenol	10.092	139	243	2.72	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	10964	33.50	ng	# 1
71) Phenanthrene	11.404	178	3010	2.02	ng	# 31
77) Benzidine	12.921	184	138	7.05	ng	# 68
78) Pyrene	12.968	202	646	3.71	ng	# 57
80) Butylbenzylphthalate	13.445	149	804	11.39	ng	# 92
81) Benzo(a)anthracene	14.051	228	298	2.26	ng	# 1
83) Chrysene	14.051	228	298	2.34	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.998	149	2555	30.43	ng	# 98
85) Di-n-octyl phthalate	14.592	149	390	3.48	ng	# 1

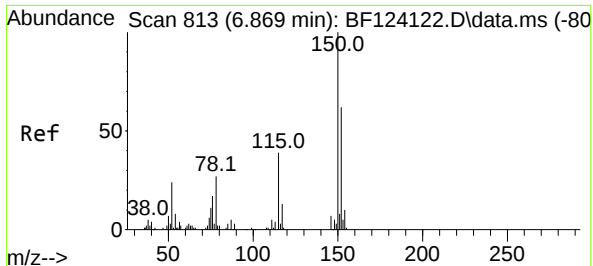
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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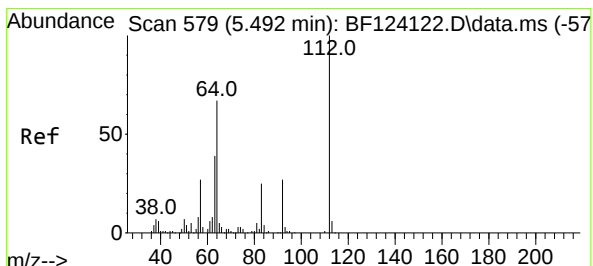
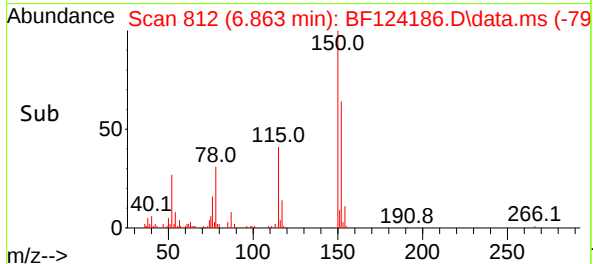
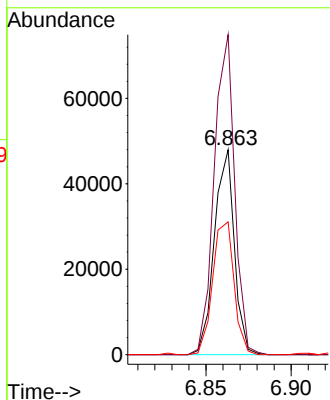
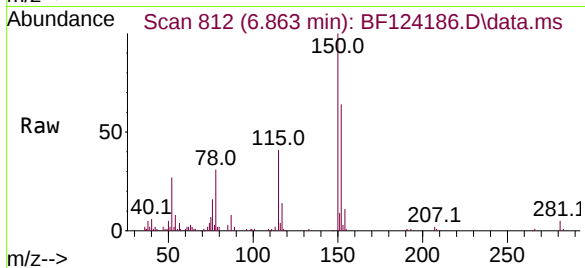




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

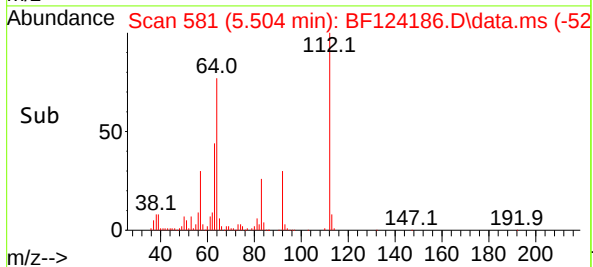
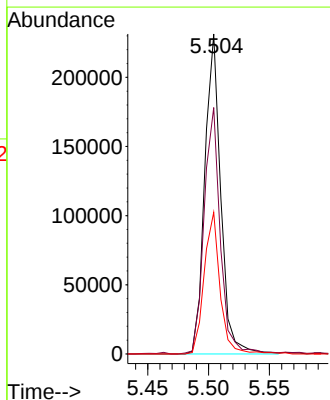
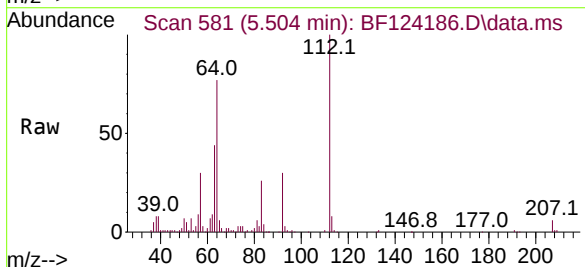
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

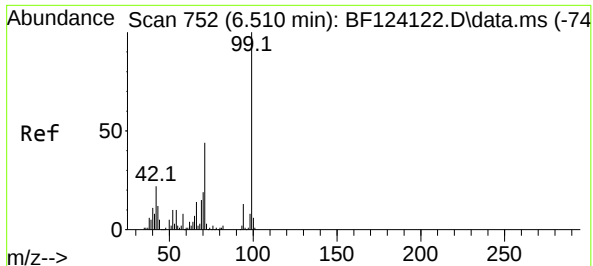
Tgt Ion:152 Resp: 39143
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 81.15 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

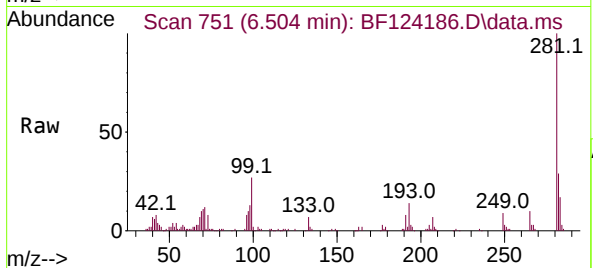
Tgt Ion:112 Resp: 211010
Ion Ratio Lower Upper
112 100
64 77.0 61.4 92.0
63 44.3 33.0 49.4



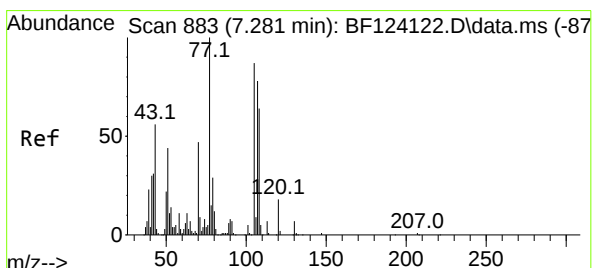
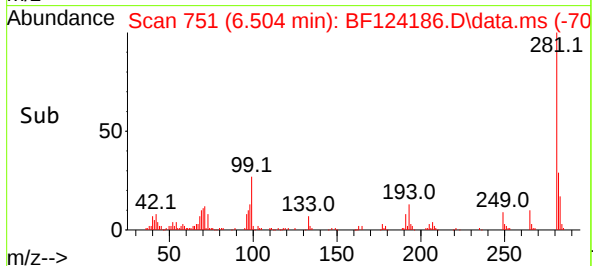
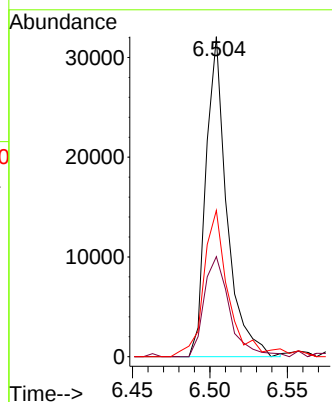


#7
Phenol-d6
Concen: 8.60 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

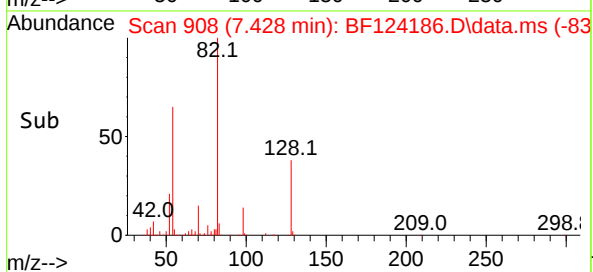
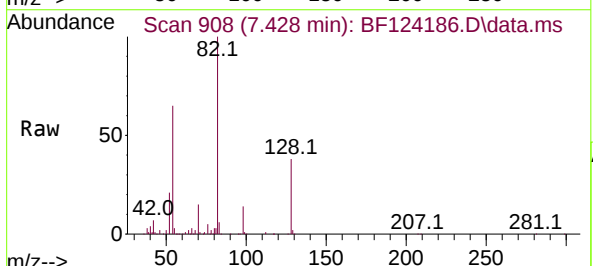
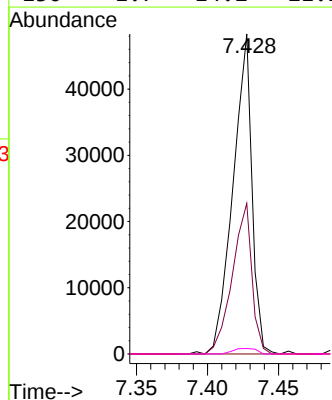


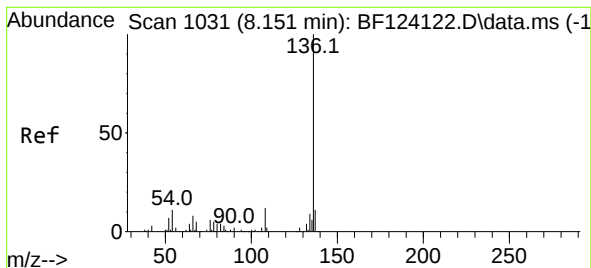
Tgt Ion: 99 Resp: 30070
Ion Ratio Lower Upper
99 100
42 31.2 19.8 29.8#
71 45.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion: 70 Resp: 44957
Ion Ratio Lower Upper
70 100
42 47.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

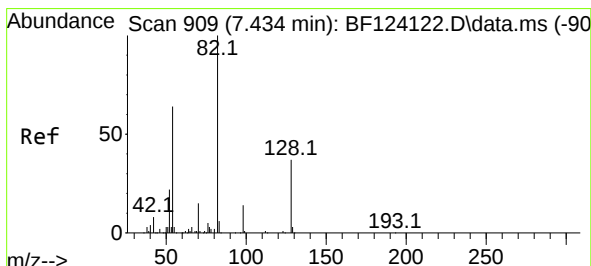
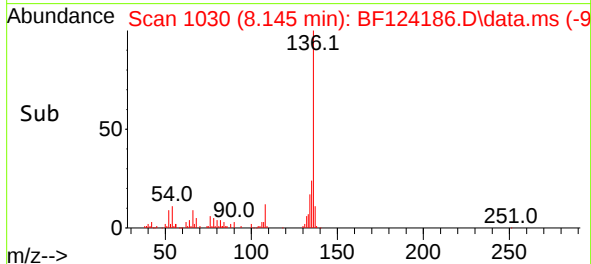
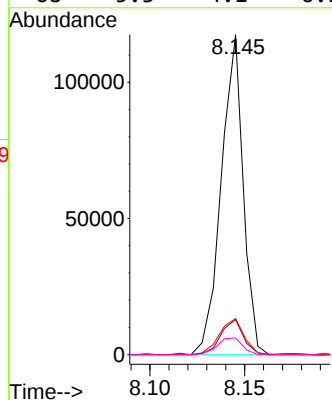
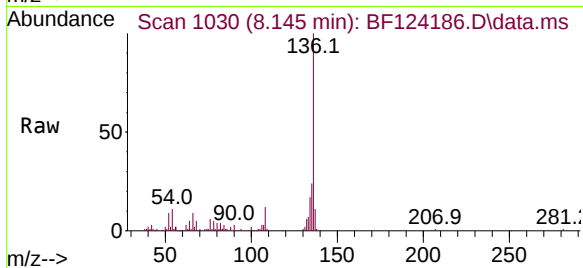




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

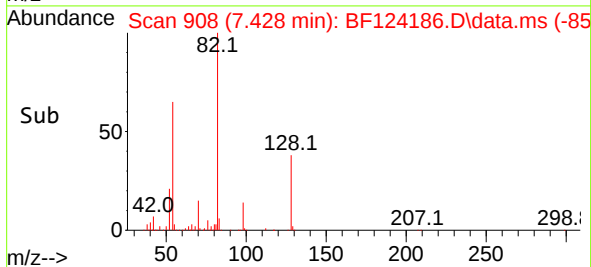
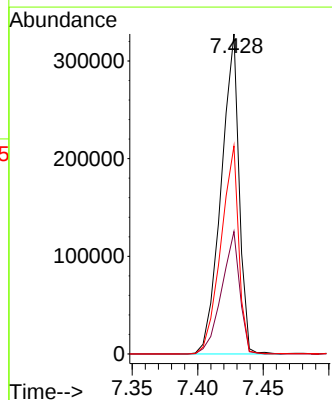
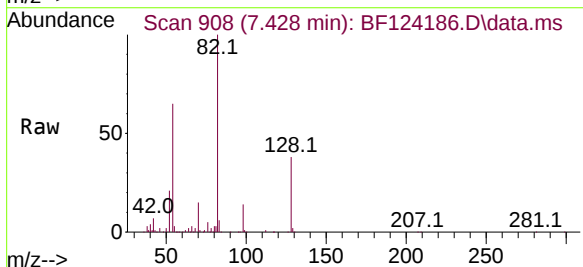
Instrument :
BNA_F
ClientSampleId :
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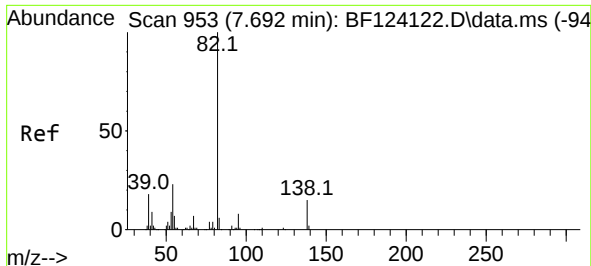
Tgt Ion:	136	Resp:	94675
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.3	9.8	14.6
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 130.53 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:	82	Resp:	311581
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	65.0	54.1	81.1

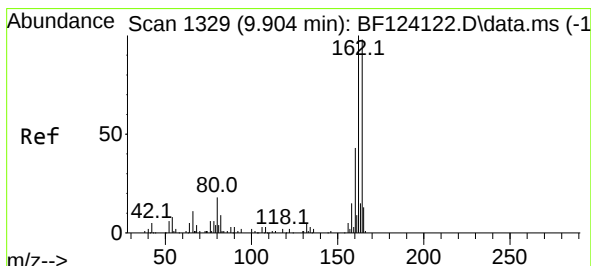
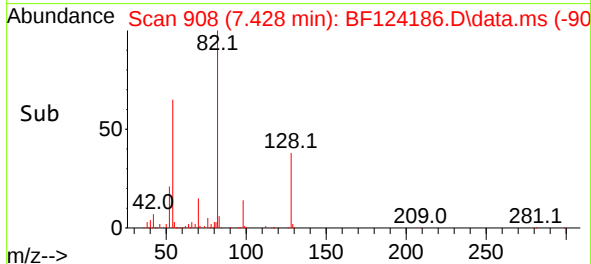
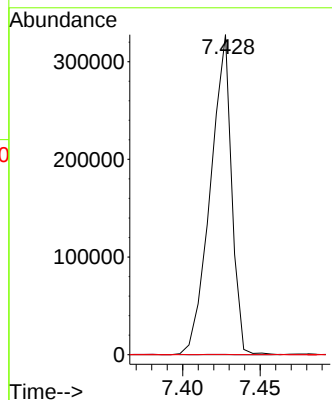
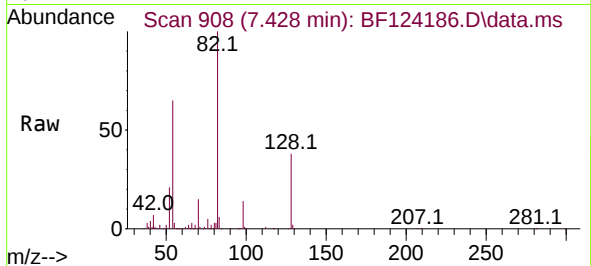




#25
Isophorone
Concen: 72.35 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

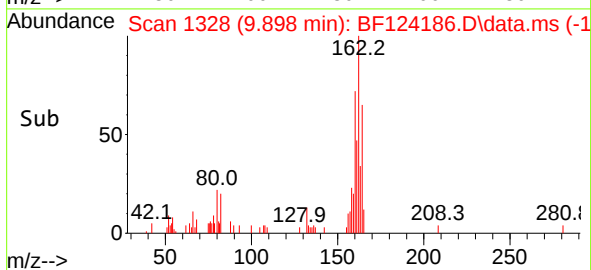
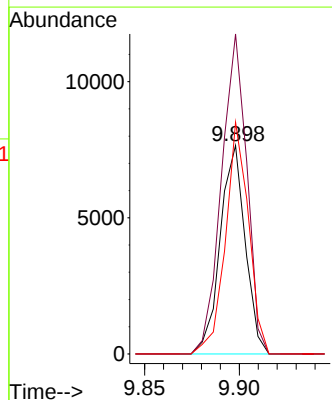
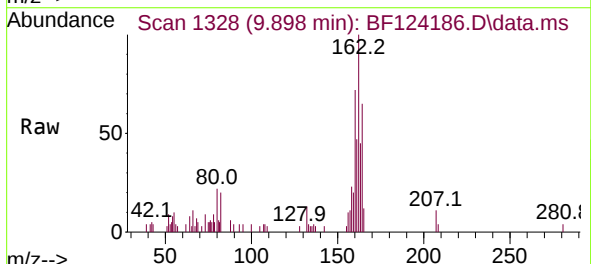
Instrument :
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ClientSampleId :
PRODUCT01-IW-PS-D1BR

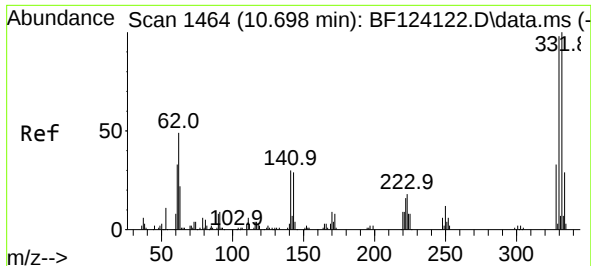
Tgt Ion: 82 Resp: 311198
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion: 164 Resp: 7041
Ion Ratio Lower Upper
164 100
162 153.5 80.7 121.1#
160 111.2 37.3 55.9#

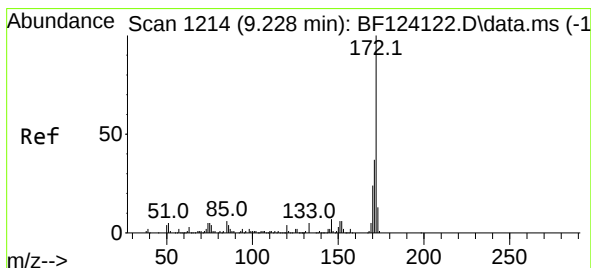
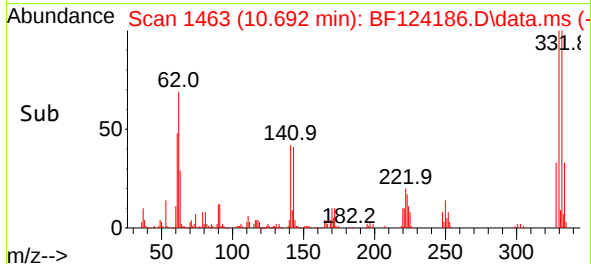
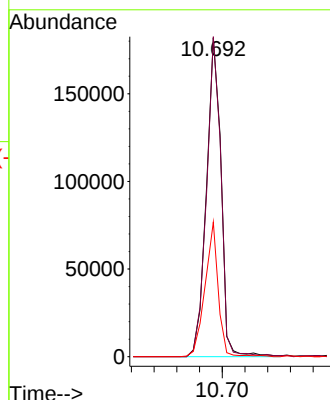
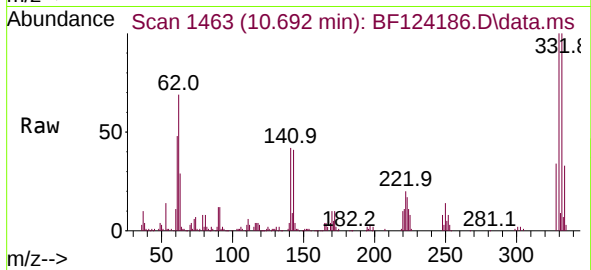




#42
2,4,6-Tribromophenol
Concen: 1626.16 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

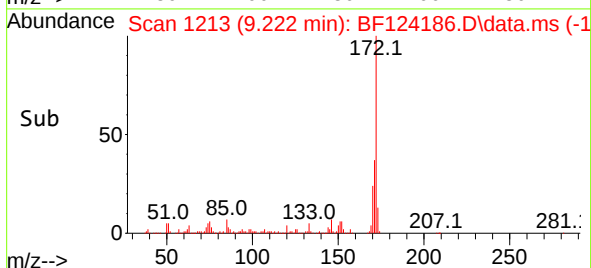
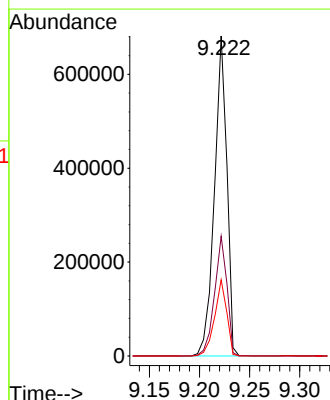
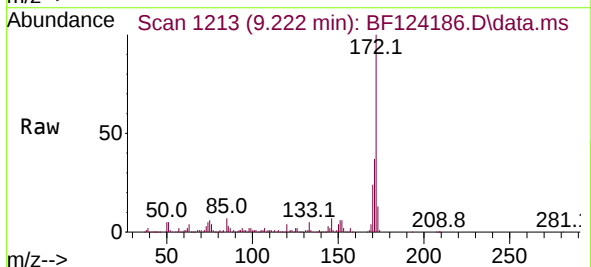
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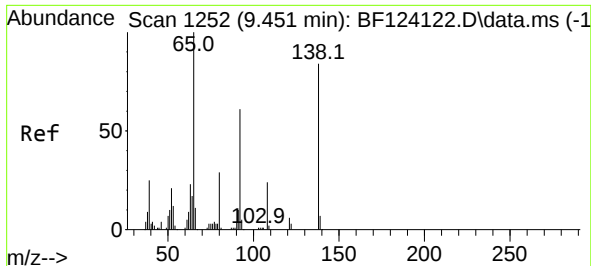
Tgt Ion:330 Resp: 162216
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 38.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 1051.32 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:172 Resp: 588249
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.8 19.2 28.8

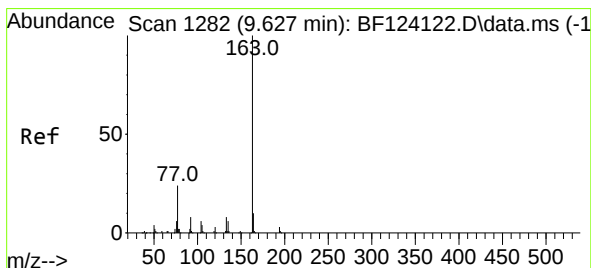
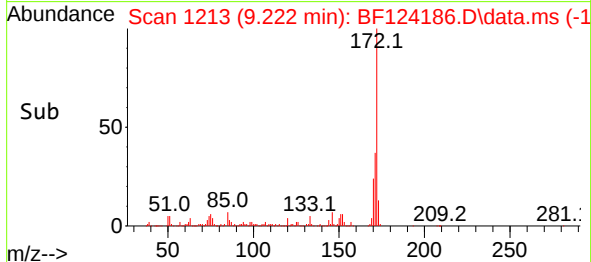
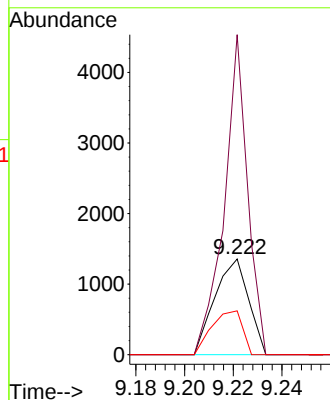
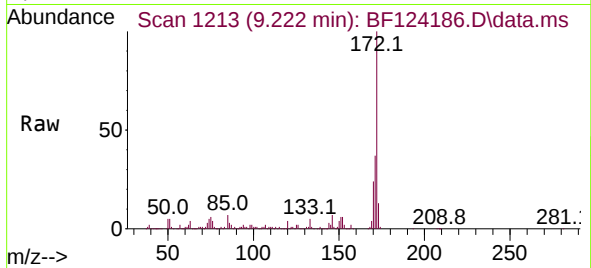




#48
2-Nitroaniline
Concen: 7.46 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.229 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

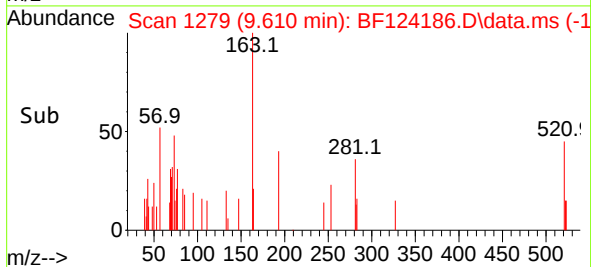
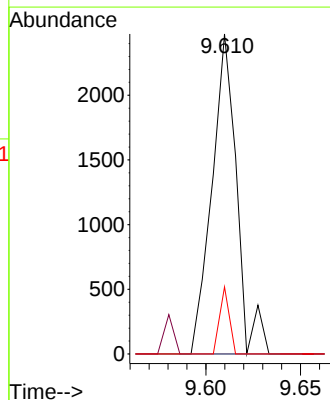
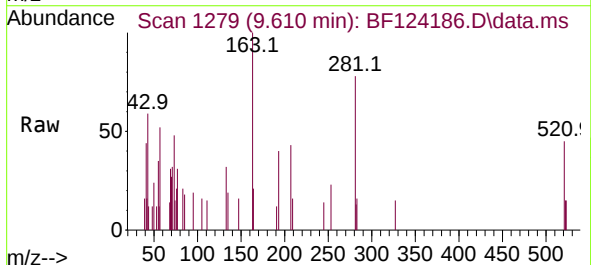
Instrument :
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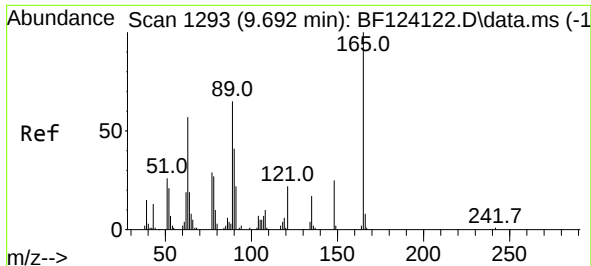
Tgt Ion: 65 Resp: 1302
Ion Ratio Lower Upper
65 100
92 266.9 47.1 70.7#
138 36.6 70.2 105.2#



#50
Dimethylphthalate
Concen: 3.85 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion: 163 Resp: 2241
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 20.9 8.2 12.2#

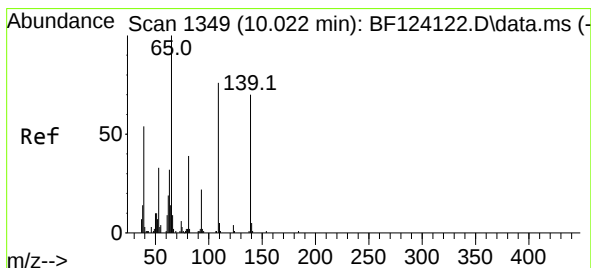
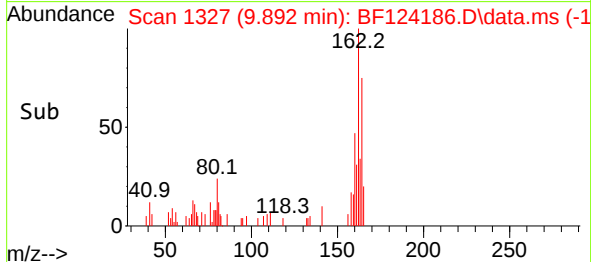
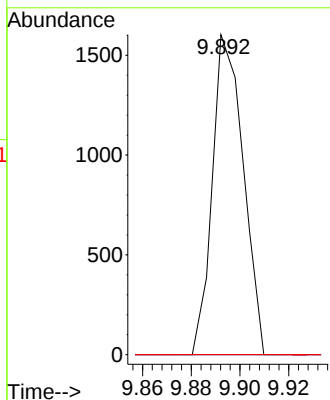
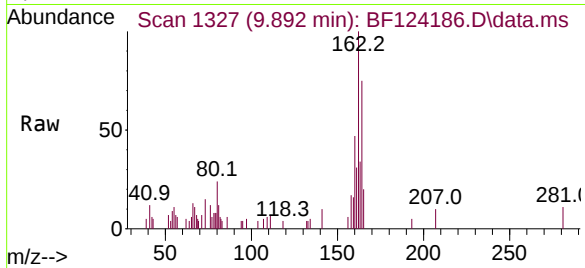




#51
2,6-Dinitrotoluene
Concen: 10.56 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.200 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

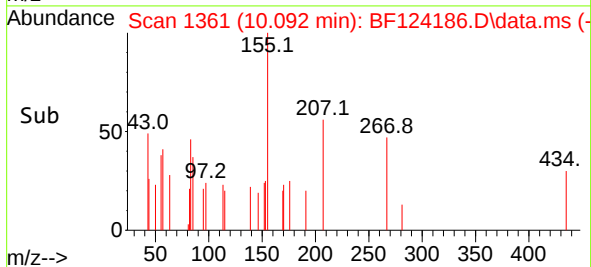
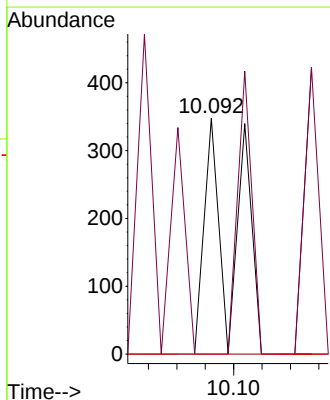
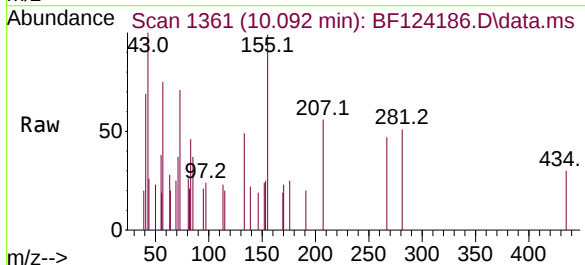
Instrument :
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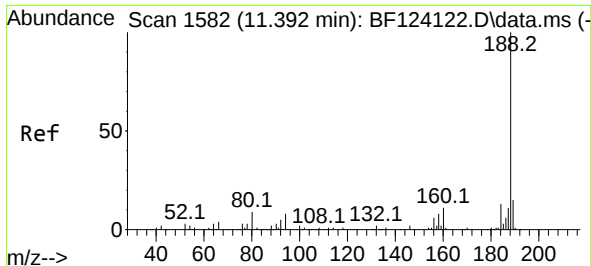
Tgt Ion:165 Resp: 1410
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#56
4-Nitrophenol
Concen: 2.72 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.071 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:139 Resp: 243
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 0.0 110.0 150.0#

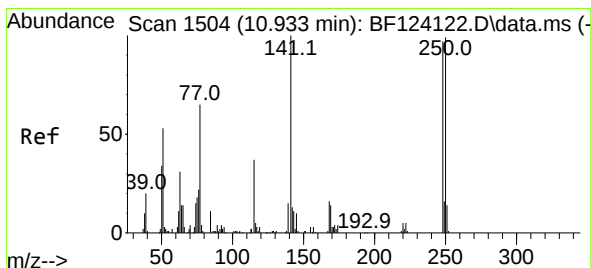
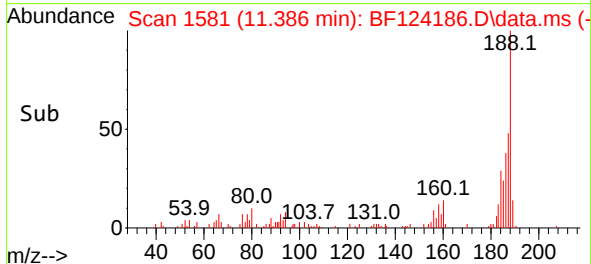
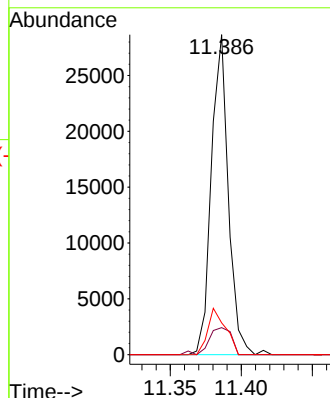
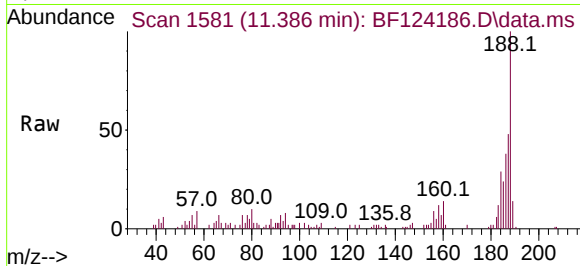




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

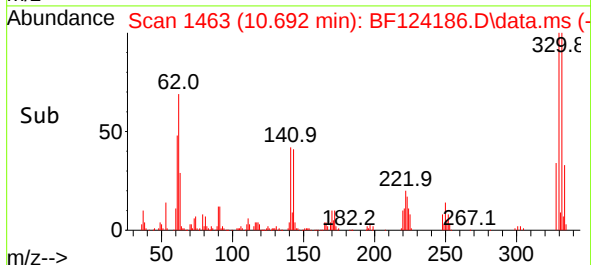
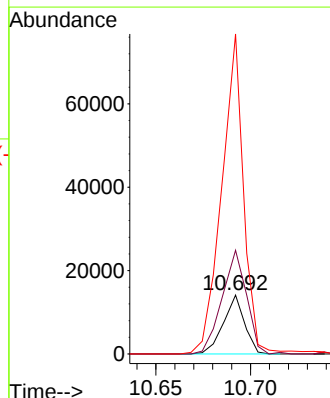
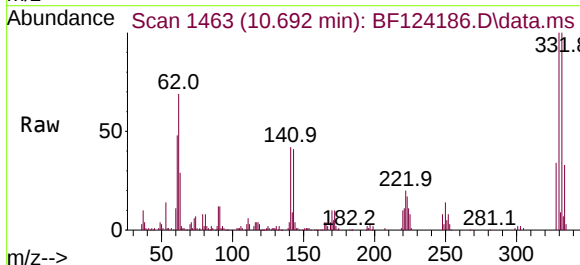
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

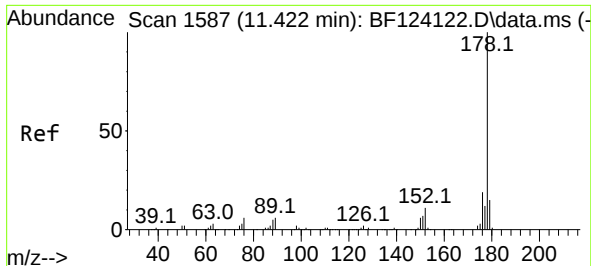
Tgt Ion:188 Resp: 23844
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 33.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:248 Resp: 10964
Ion Ratio Lower Upper
248 100
250 176.2 77.4 116.2#
141 544.0 63.7 95.5#

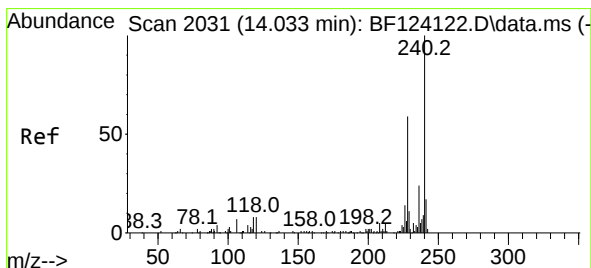
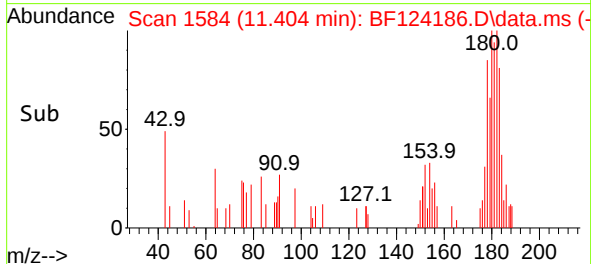
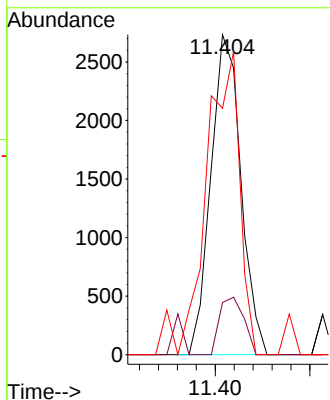
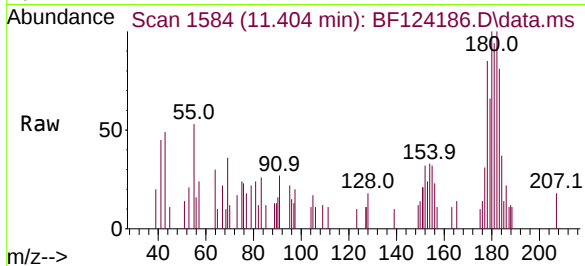




#71
Phenanthrene
Concen: 2.02 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

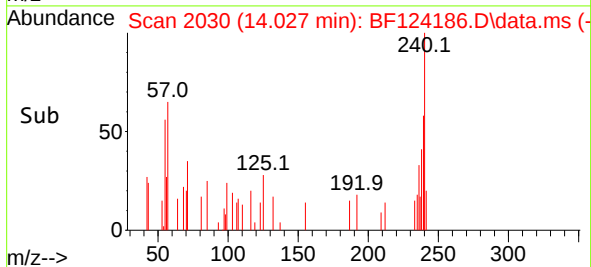
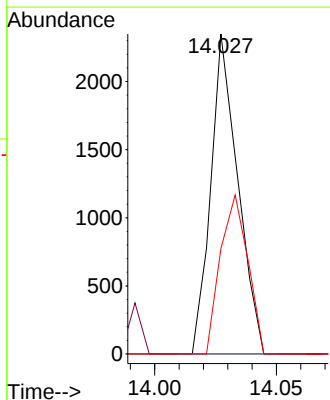
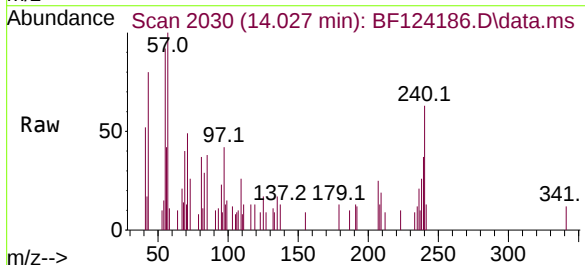
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

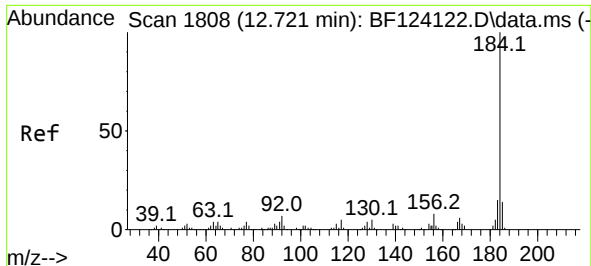
Tgt Ion:178 Resp: 3010
Ion Ratio Lower Upper
178 100
176 16.3 15.6 23.4
179 77.0 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:240 Resp: 1812
Ion Ratio Lower Upper
240 100
120 0.0 7.2 10.8#
236 33.0 19.0 28.4#

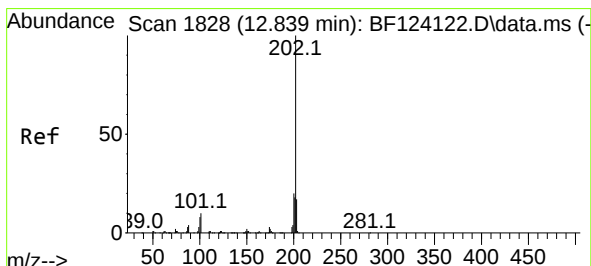
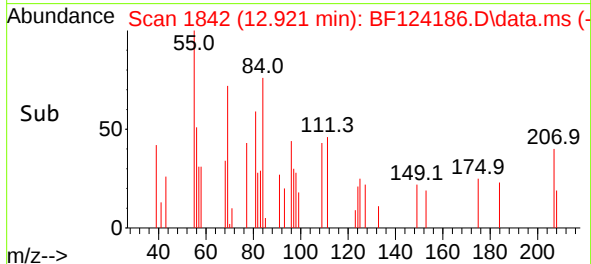
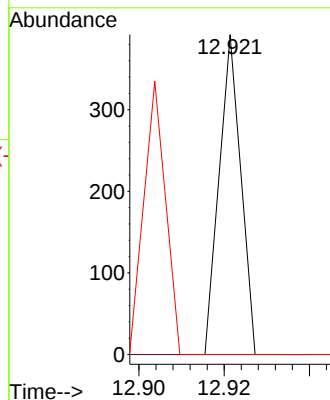
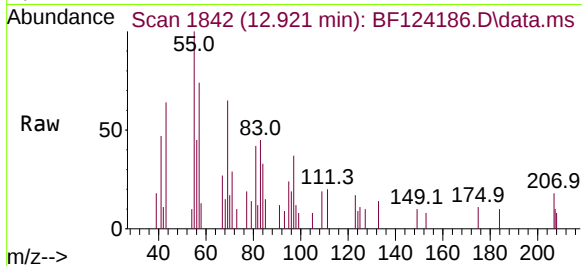




#77
Benzidine
Concen: 7.05 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.200 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

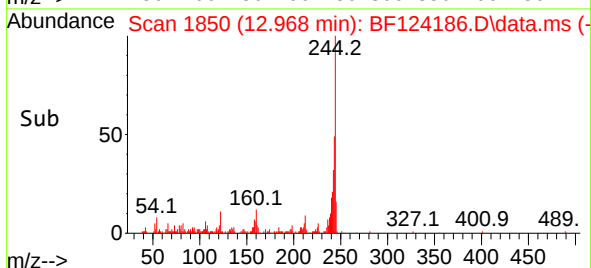
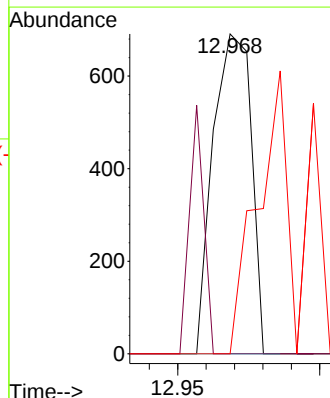
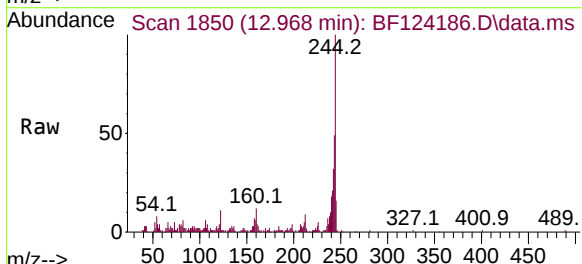
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

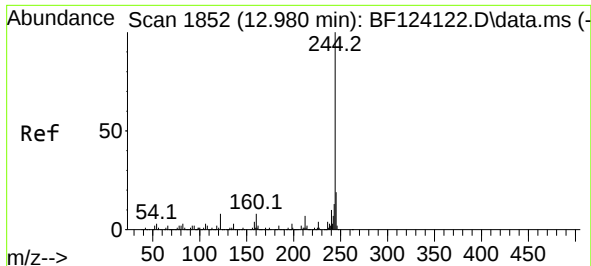
Tgt Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#78
Pyrene
Concen: 3.71 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.129 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:202 Resp: 646
Ion Ratio Lower Upper
202 100
200 0.0 16.1 24.1#
203 0.0 14.8 22.2#

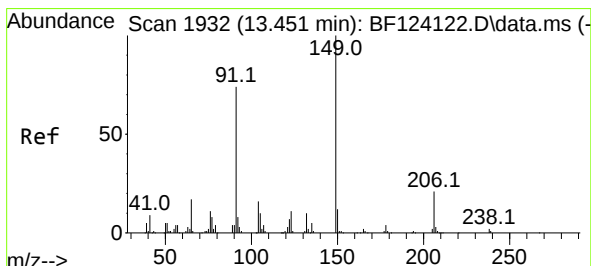
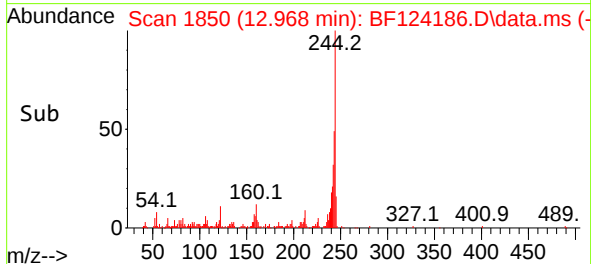
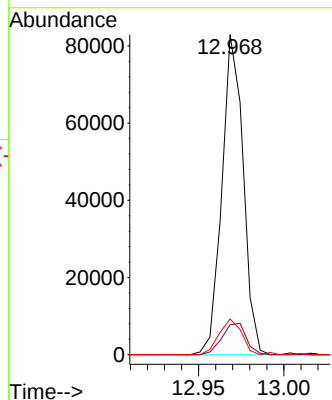
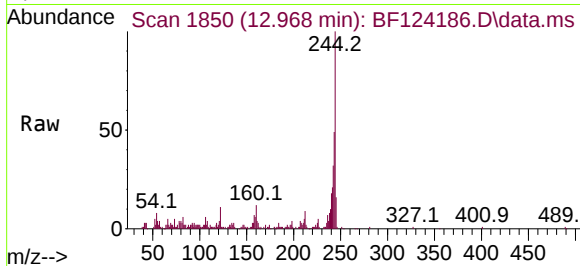




#79
Terphenyl-d14
Concen: 545.13 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

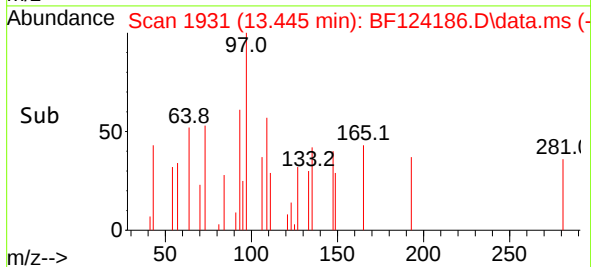
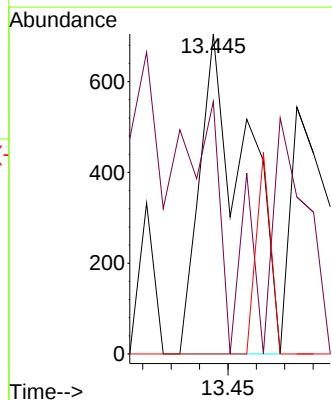
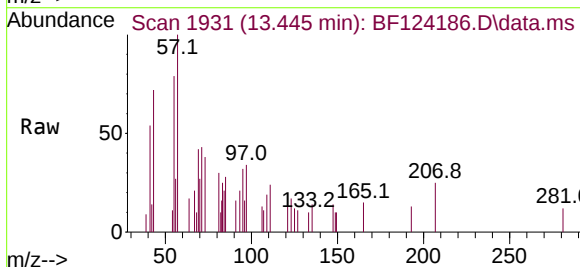
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

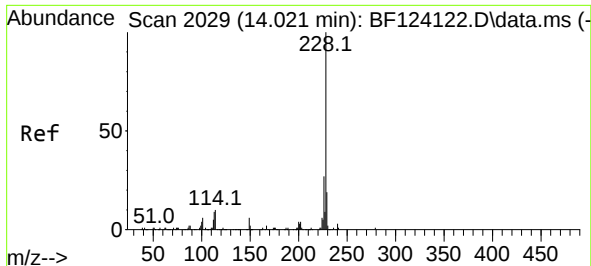
Tgt Ion:244 Resp: 71945
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 11.1 9.7 14.5



#80
Butylbenzylphthalate
Concen: 11.39 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:149 Resp: 804
Ion Ratio Lower Upper
149 100
91 78.9 63.6 95.4
206 0.0 14.5 21.7#

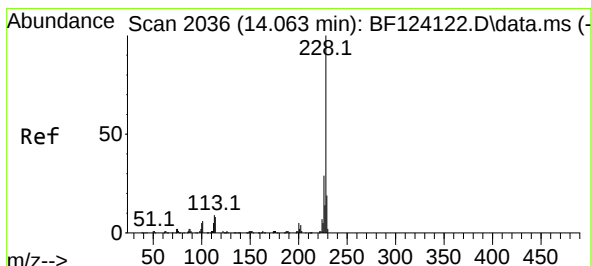
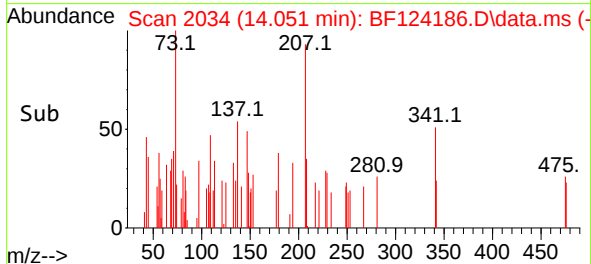
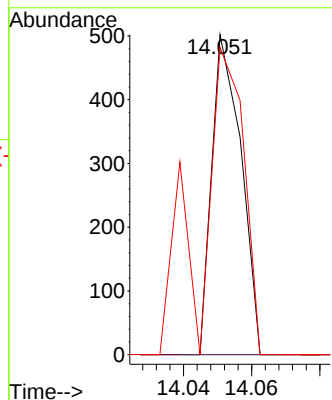
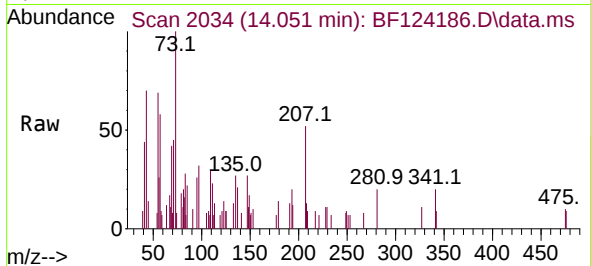




#81
Benzo(a)anthracene
Concen: 2.26 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.029 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

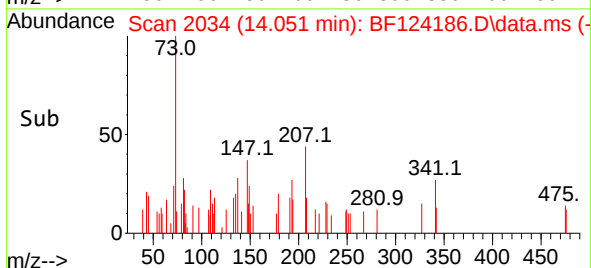
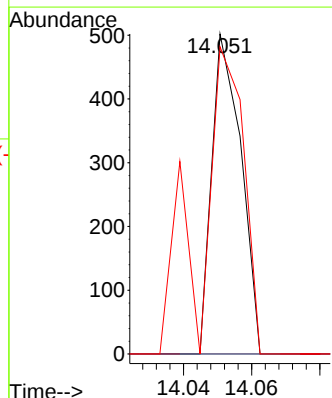
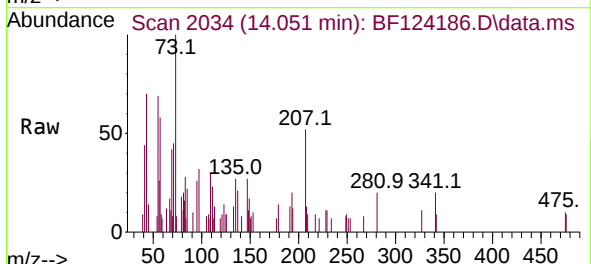
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

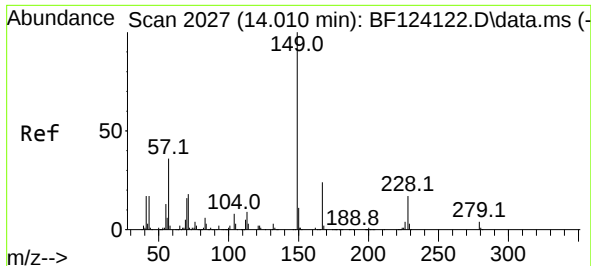
Tgt Ion:228 Resp: 298
Ion Ratio Lower Upper
228 100
226 0.0 22.4 33.6#
229 96.0 16.0 24.0#



#83
Chrysene
Concen: 2.34 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:228 Resp: 298
Ion Ratio Lower Upper
228 100
226 0.0 24.3 36.5#
229 96.0 16.2 24.2#

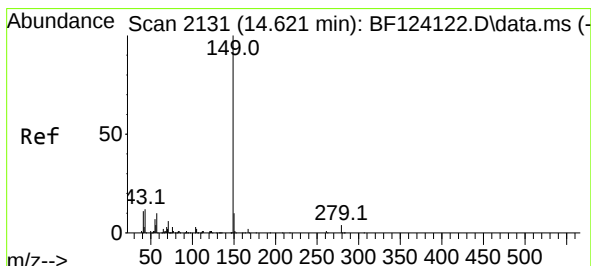
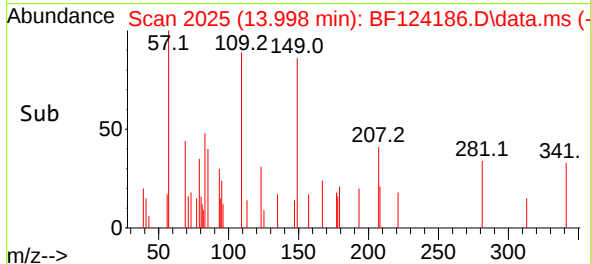
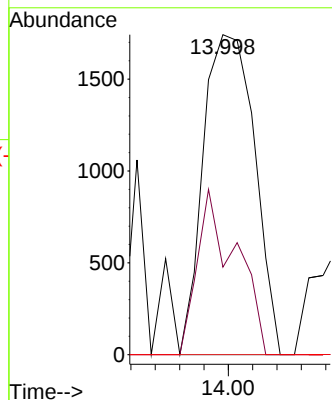
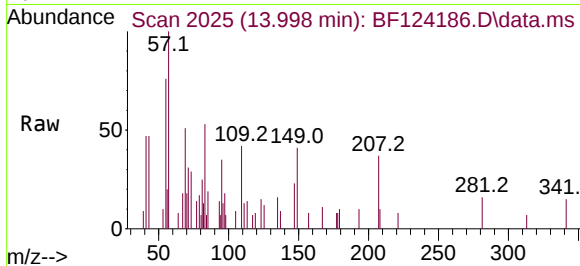




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.43 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.012 min
 Lab File: BF124186.D
 Acq: 8 Jun 2021 18:29

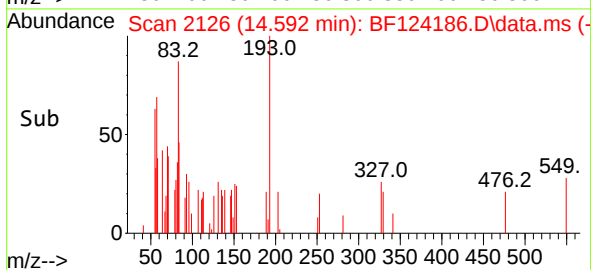
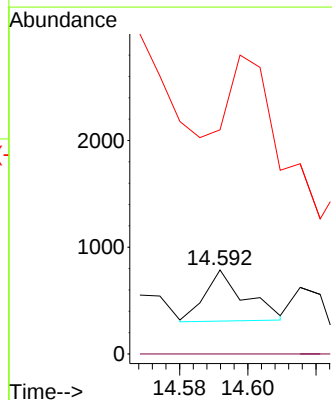
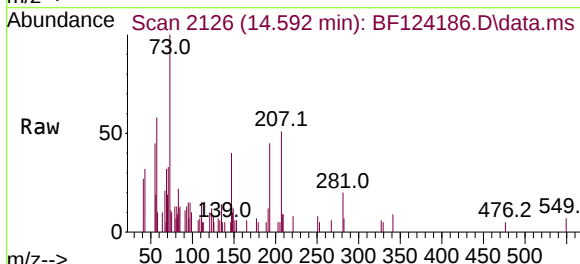
Instrument :
 BNA_F
 ClientSampleId :
 PRODUCT01-IW-PS-D1BR

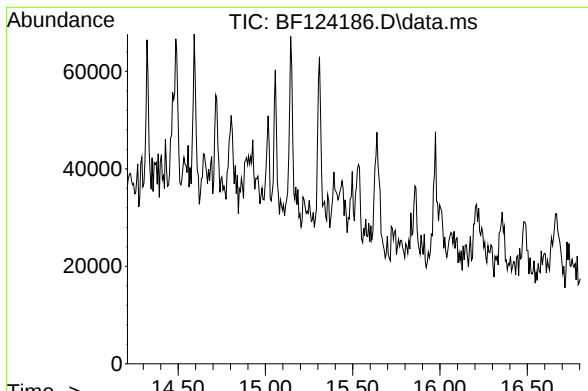
Tgt Ion:149 Resp: 2555
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.6
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 3.48 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.029 min
 Lab File: BF124186.D
 Acq: 8 Jun 2021 18:29

Tgt Ion:149 Resp: 390
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 431.3 11.8 17.6#





#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.51 min

Lab File: BF124186.D
 Acq: 8 Jun 2021 18:29

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	23.4
265	22.3

Instrument :
 BNA_F
 ClientSampleId :
 PRODUCT01-IW-PS-D1BR

