

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124828.D
 Acq On : 28 Jul 2021 15:21
 Operator : JU/CG
 Sample : PB138016BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138016BL

Quant Time: Jul 28 16:06:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

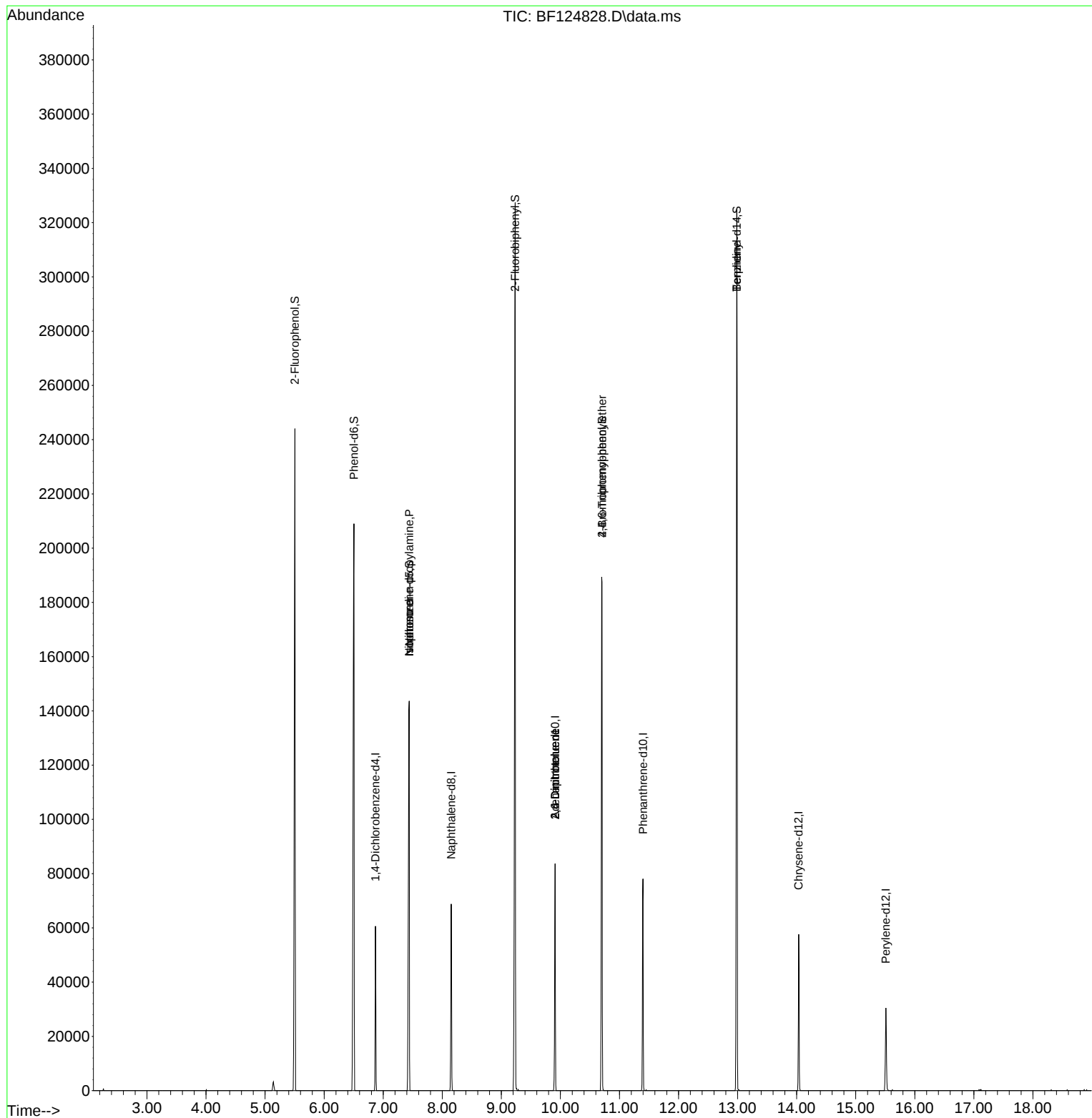
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	8499	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	31300	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	17447	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	31310	20.000	ng	0.00
76) Chrysene-d12	14.033	240	21133	20.000	ng	0.00
86) Perylene-d12	15.510	264	16586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	68902	137.266	ng	0.02
7) Phenol-d6	6.504	99	84196	133.796	ng	0.00
23) Nitrobenzene-d5	7.440	82	56436	107.314	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	21606	144.233	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	114615	96.487	ng	0.00
79) Terphenyl-d14	12.986	244	122625	99.464	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	7324	21.796	ng	# 68
25) Isophorone	7.440	82	56434	60.689	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2312	8.711	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2312	6.419	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1708	5.144	ng	# 1
77) Benzidine	12.986	184	1836	3.081	ng	# 80

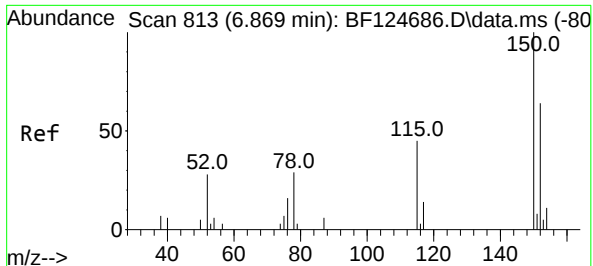
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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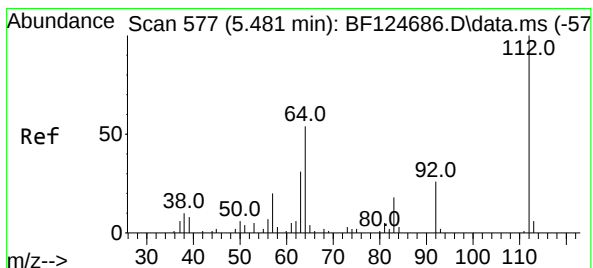
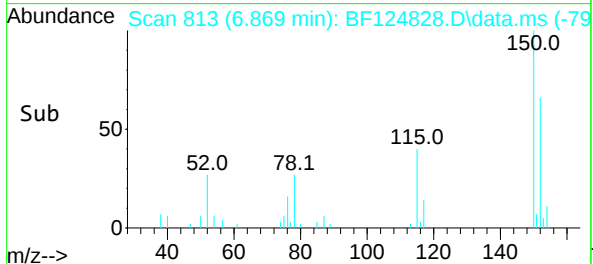
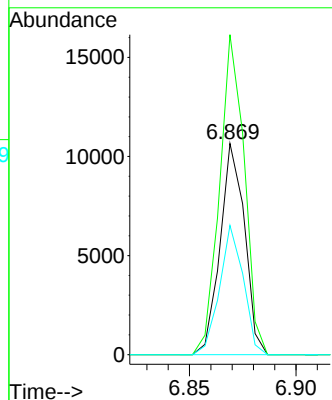
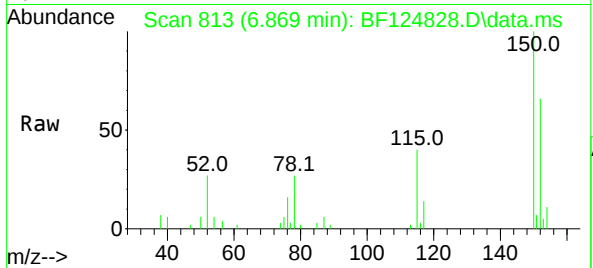




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

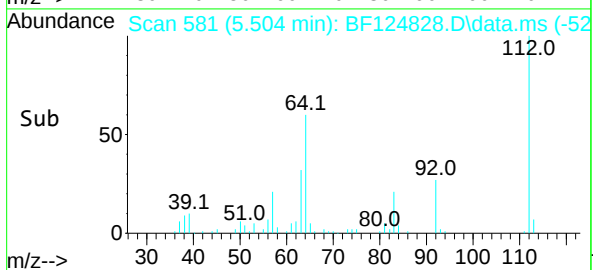
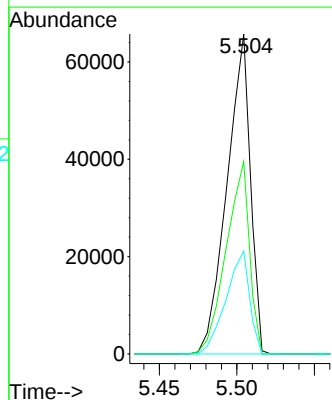
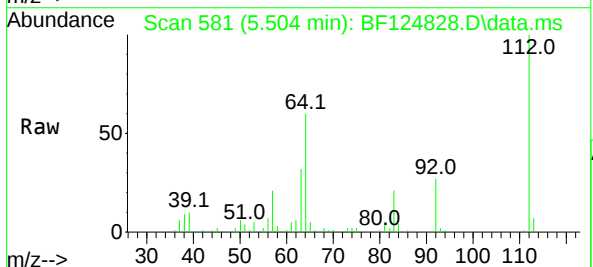
Instrument :
BNA_F
ClientSampleId :
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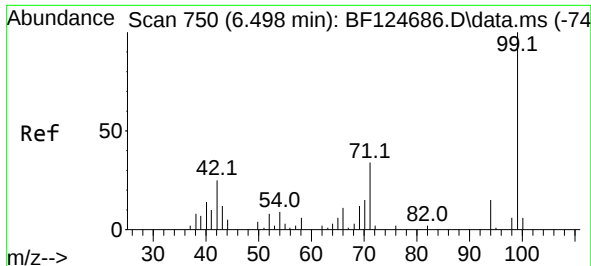
Tgt Ion:152 Resp: 8499
Ion Ratio Lower Upper
152 100
150 151.5 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 137.266 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion:112 Resp: 68902
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 32.1 26.2 39.2

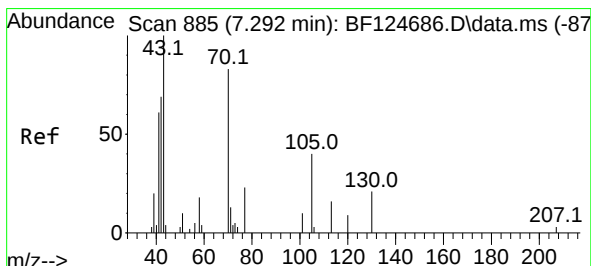
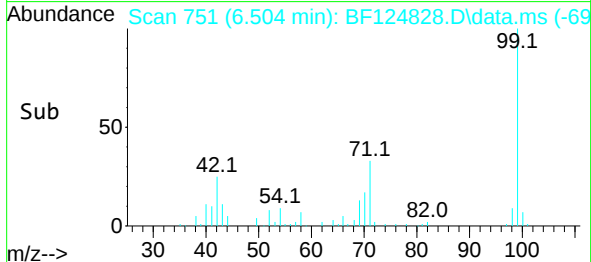
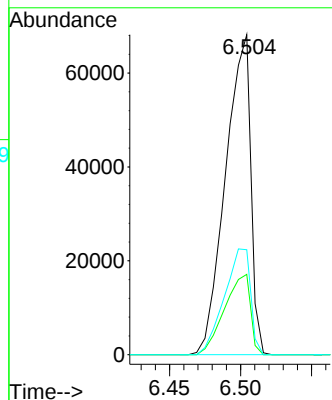
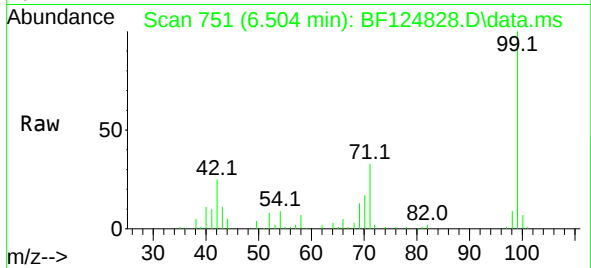




#7
Phenol-d6
Concen: 133.796 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

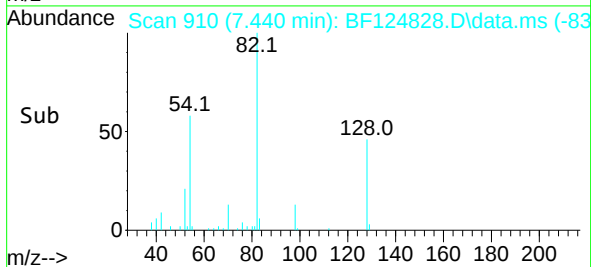
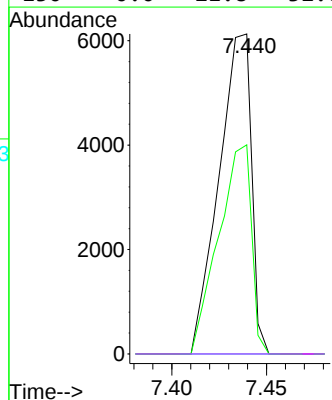
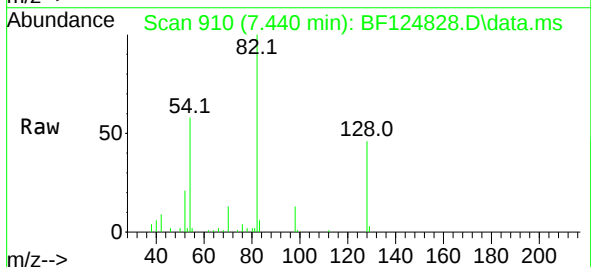
Instrument :
BNA_F
ClientSampleId :
PB138016BL

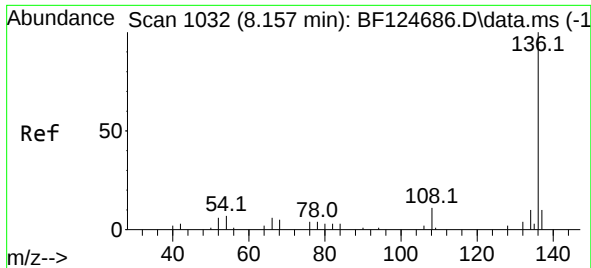
Tgt Ion: 99 Resp: 84196
Ion Ratio Lower Upper
99 100
42 25.1 23.5 35.3
71 32.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.796 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

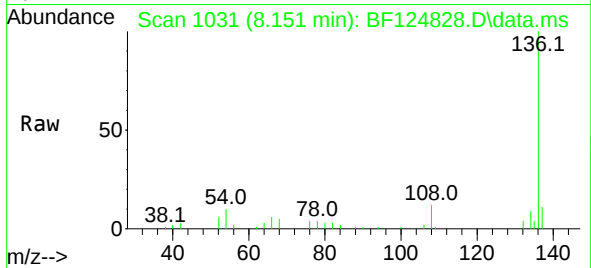
Tgt Ion: 70 Resp: 7324
Ion Ratio Lower Upper
70 100
42 65.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



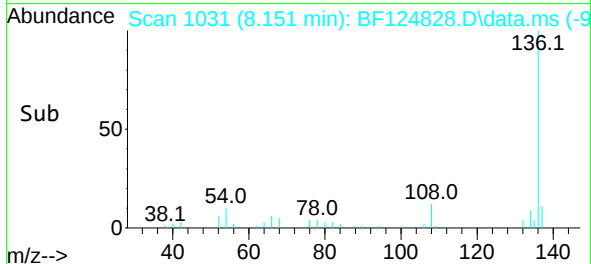
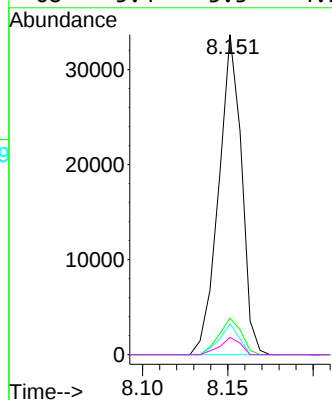


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Instrument :
BNA_F
ClientSampleId :
PB138016BL

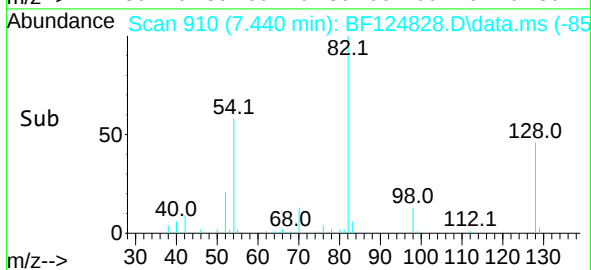
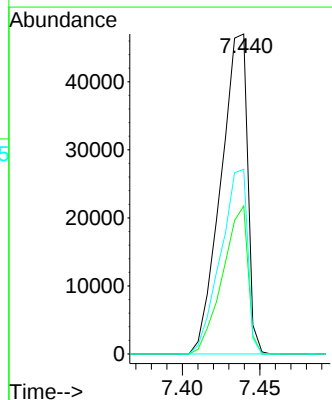
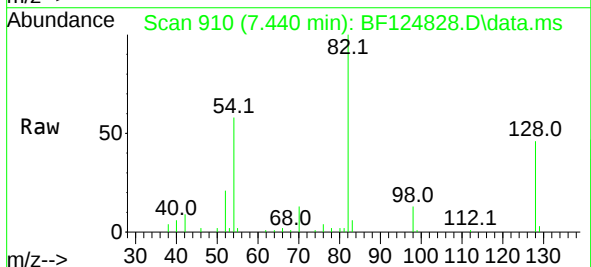


Tgt Ion:136 Resp: 31300
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 9.7 6.4 9.6#
68 5.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 107.314 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion: 82 Resp: 56436
Ion Ratio Lower Upper
82 100
128 46.2 40.6 60.8
54 57.7 49.6 74.4

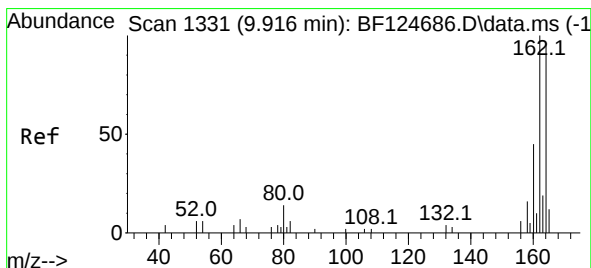
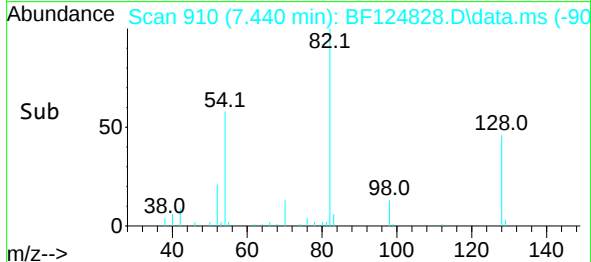
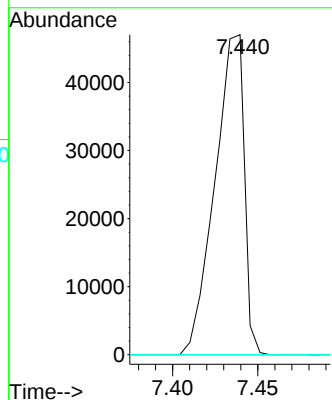
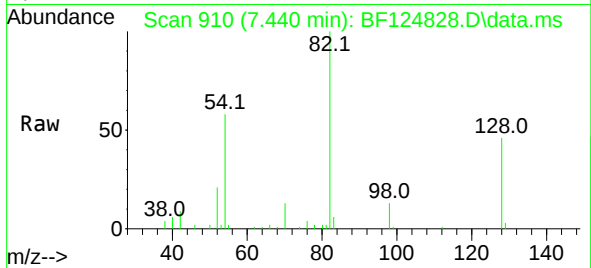




#25
Isophorone
Concen: 60.689 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

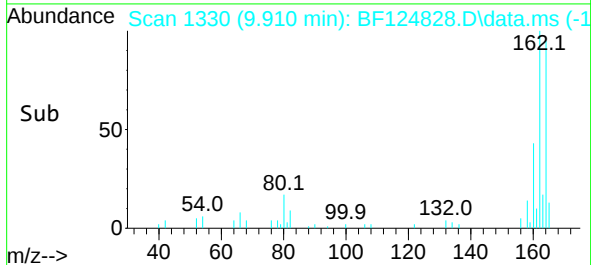
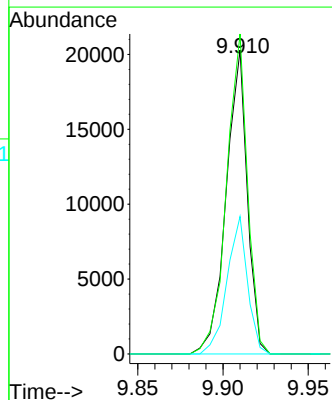
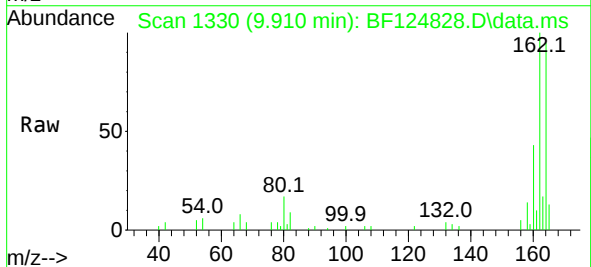
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ClientSampleId :
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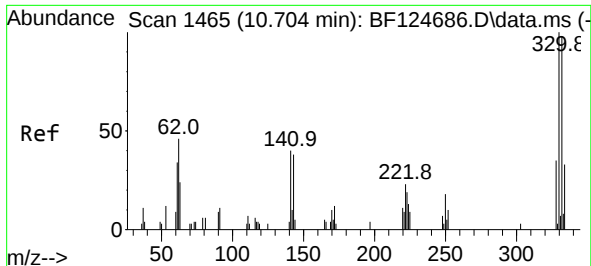
Tgt Ion: 82 Resp: 56434
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion: 164 Resp: 17447
Ion Ratio Lower Upper
164 100
162 105.3 81.3 121.9
160 45.2 38.0 57.0

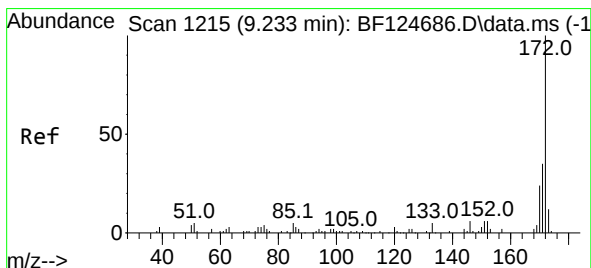
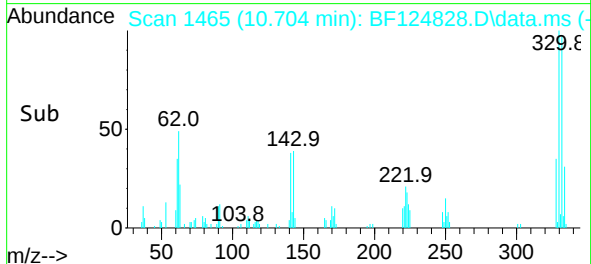
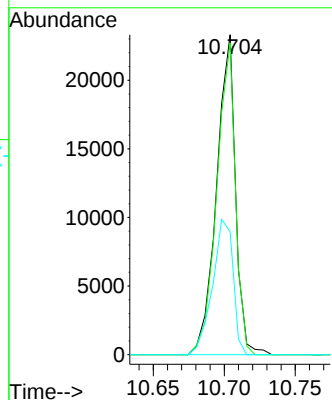
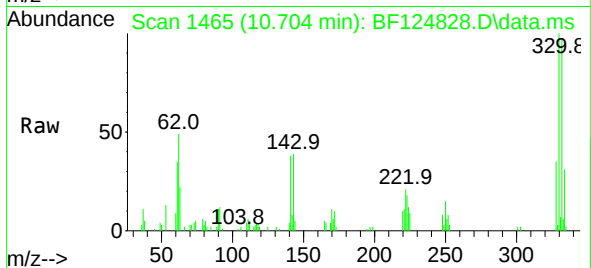




#42
2,4,6-Tribromophenol
Concen: 144.233 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

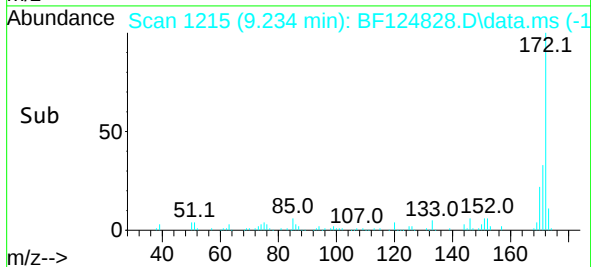
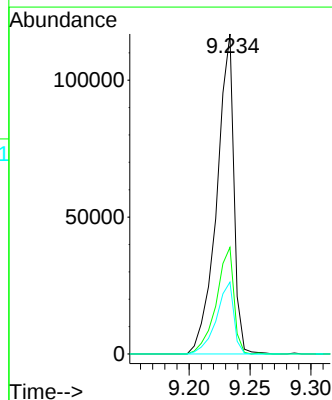
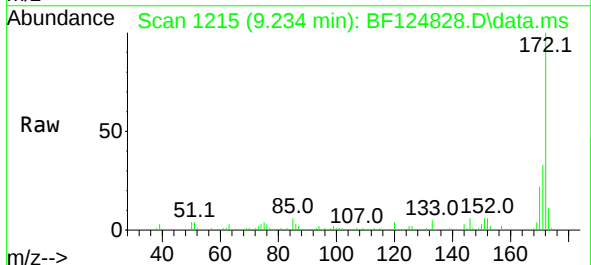
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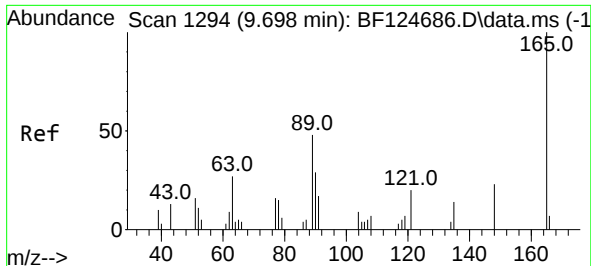
Tgt Ion:330 Resp: 21606
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 96.487 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion:172 Resp: 114615
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 22.5 18.8 28.2

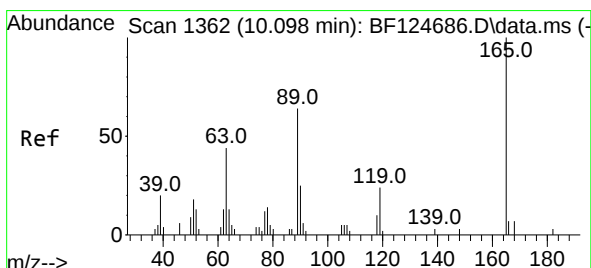
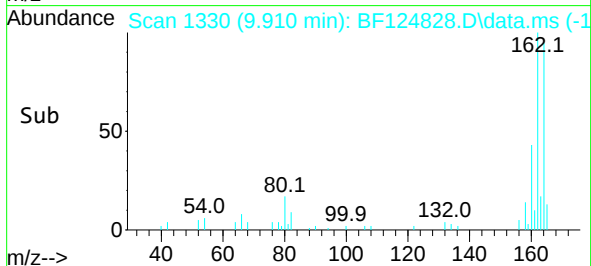
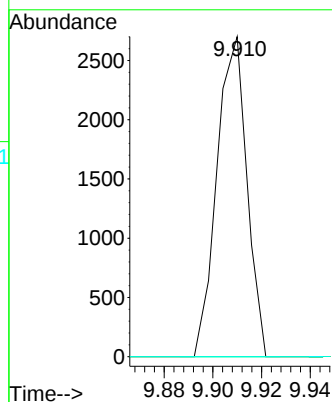
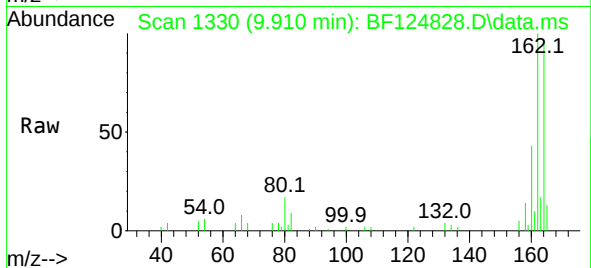




#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

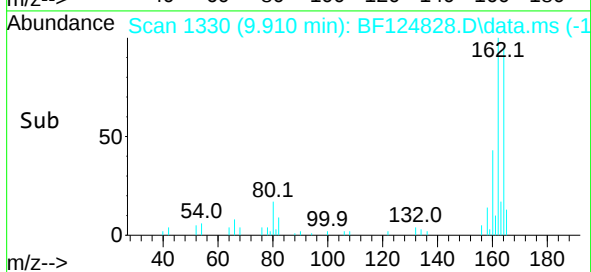
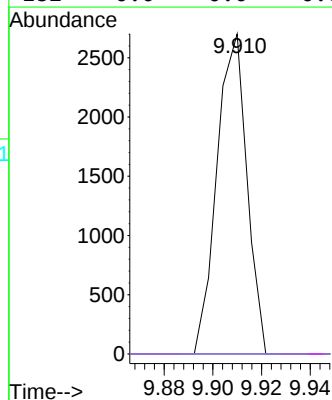
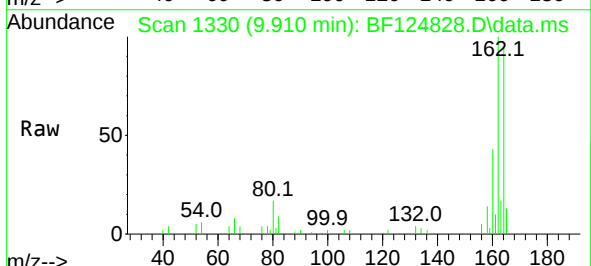
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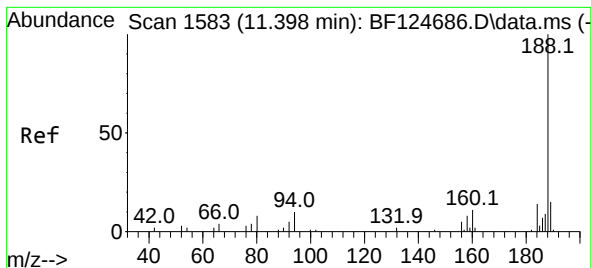
Tgt Ion:165 Resp: 2312
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.419 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion:165 Resp: 2312
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

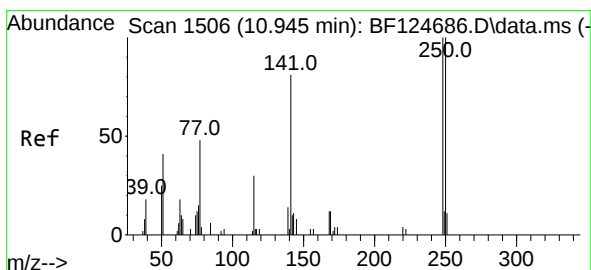
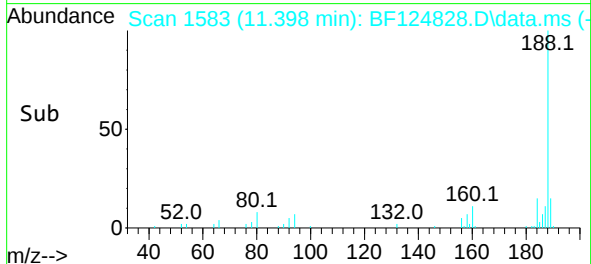
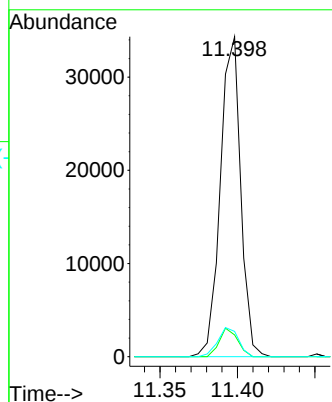
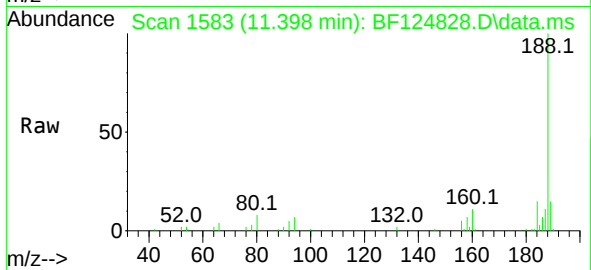




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

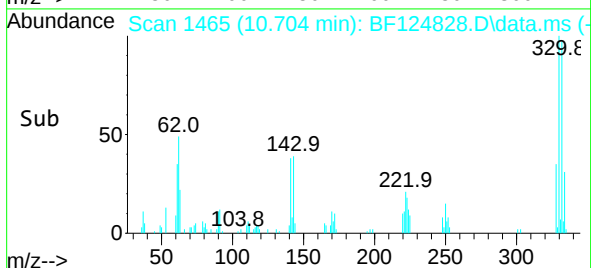
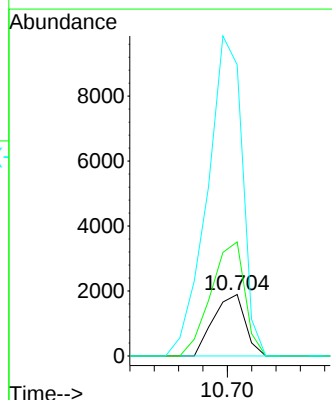
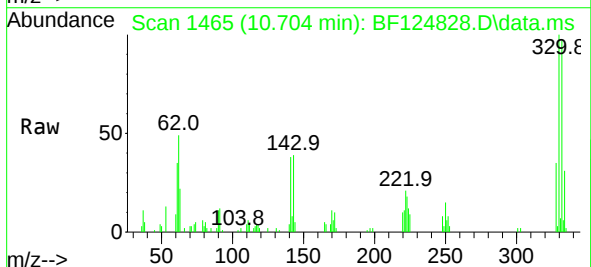
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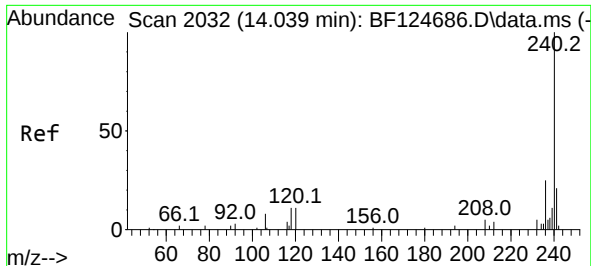
Tgt Ion:188 Resp: 31310
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 7.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.144 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion:248 Resp: 1708
Ion Ratio Lower Upper
248 100
250 185.8 74.2 111.4#
141 473.9 60.4 90.6#

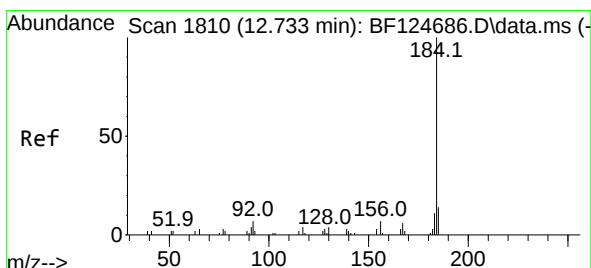
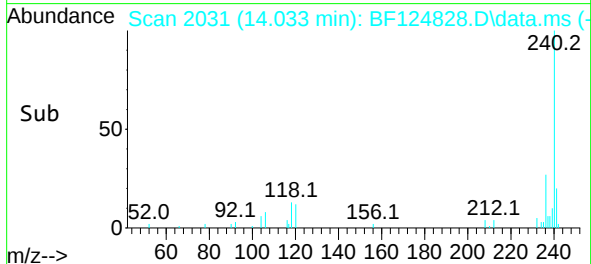
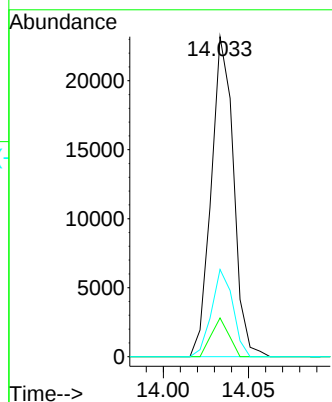
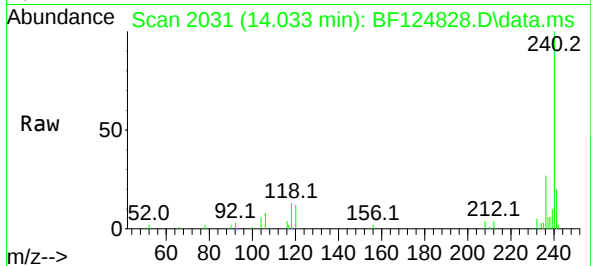




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

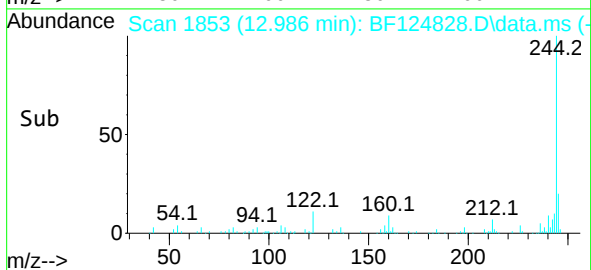
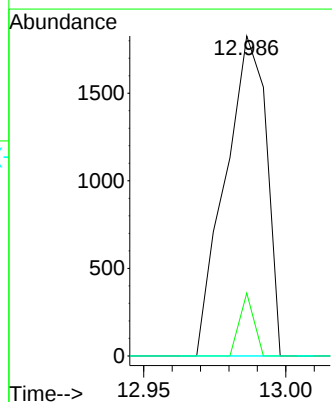
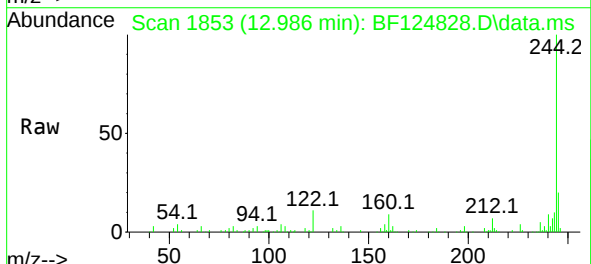
Instrument :
BNA_F
ClientSampleId :
PB138016BL

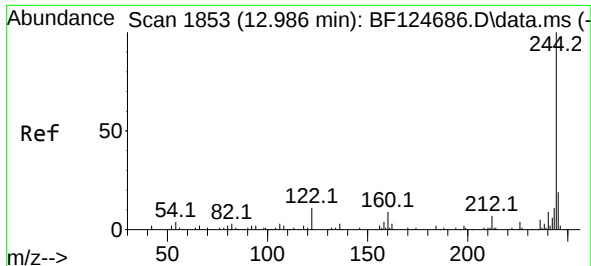
Tgt Ion:240 Resp: 21133
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 27.3 21.6 32.4



#77
Benzidine
Concen: 3.081 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

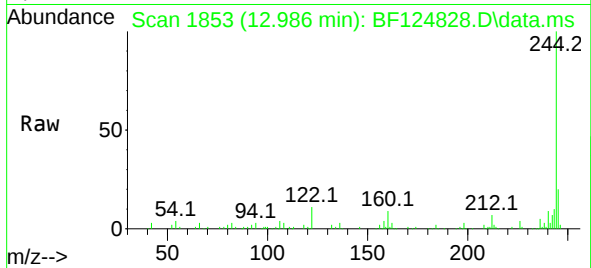
Tgt Ion:184 Resp: 1836
Ion Ratio Lower Upper
184 100
185 19.6 10.8 16.2#
183 0.0 8.1 12.1#



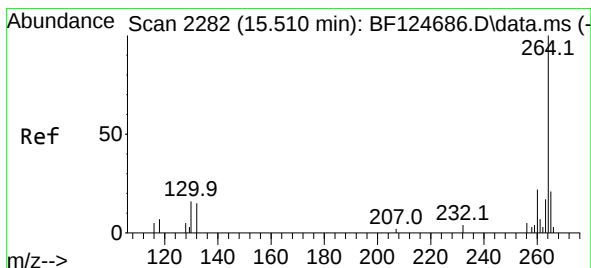
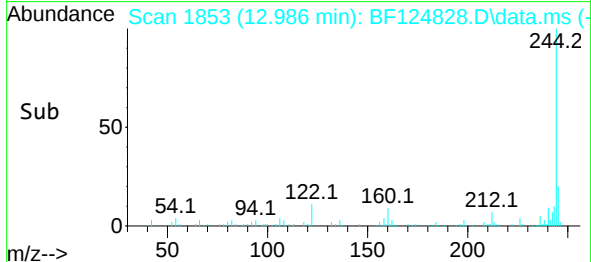
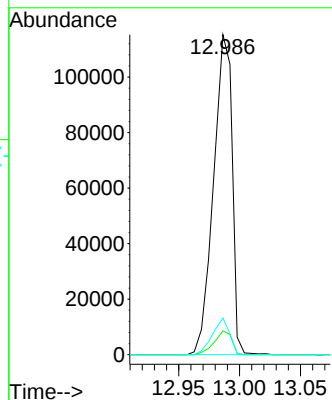


#79
Terphenyl-d14
Concen: 99.464 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Instrument :
BNA_F
ClientSampleId :
PB138016BL



Tgt Ion:244 Resp: 122625
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124828.D
Acq: 28 Jul 2021 15:21

Tgt Ion:264 Resp: 16586
Ion Ratio Lower Upper
264 100
260 22.6 19.6 29.4
265 21.8 17.2 25.8

