

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124879.D
 Acq On : 30 Jul 2021 16:45
 Operator : JU/CG
 Sample : M3210-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(1.0-1.5)

Quant Time: Jul 30 17:25:01 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)

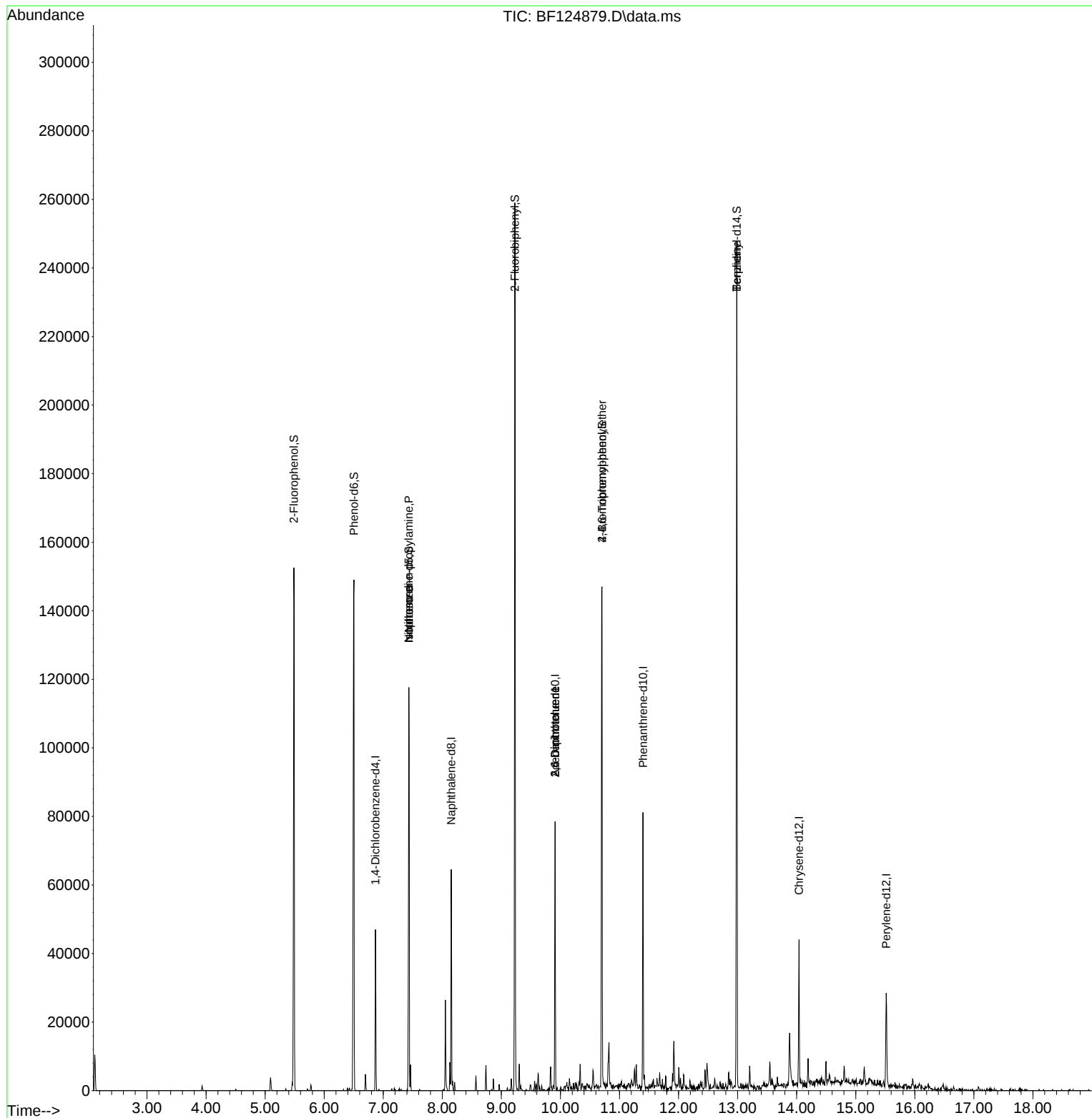
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6416	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14934	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27990	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14829	20.000	ng	0.00
86) Perylene-d12	15.515	264	13740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	43286	114.230	ng	0.00
7) Phenol-d6	6.504	99	55429	116.679	ng	0.00
23) Nitrobenzene-d5	7.434	82	37979	88.163	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15927	124.213	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	80221	78.897	ng	0.00
79) Terphenyl-d14	12.986	244	81526	94.239	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	5134	20.239	ng	# 65
25) Isophorone	7.434	82	37978	49.859	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1893	8.333	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1893	6.140	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1258	4.238	ng	# 1
77) Benzidine	12.986	184	1182	2.827	ng	# 69

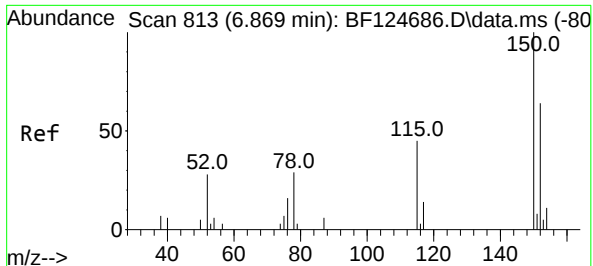
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Time: Jul 30 17:25:01 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

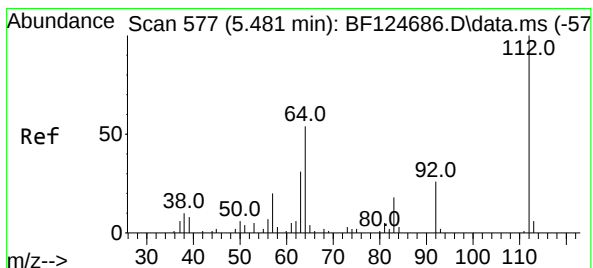
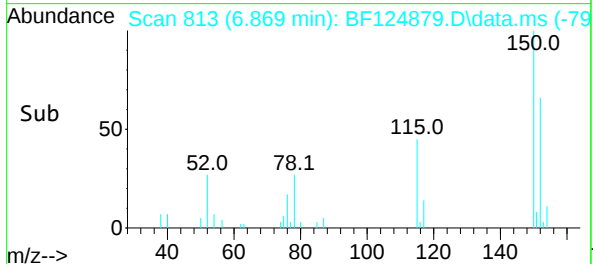
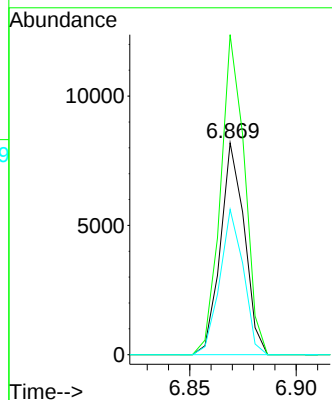
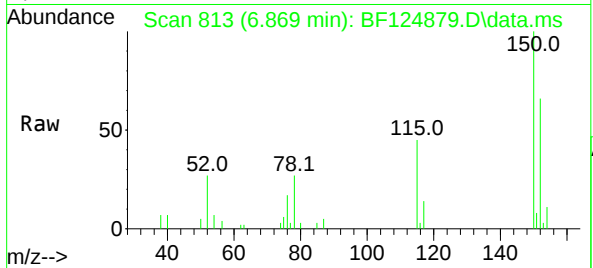




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

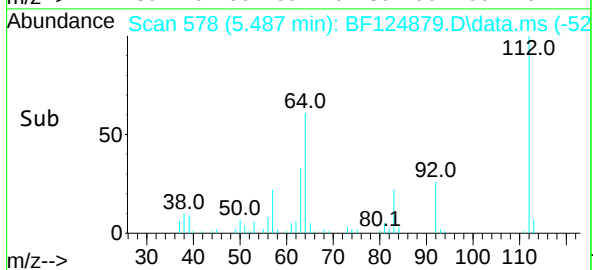
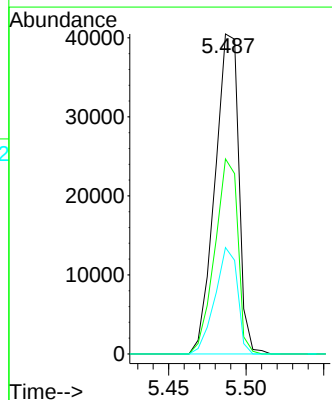
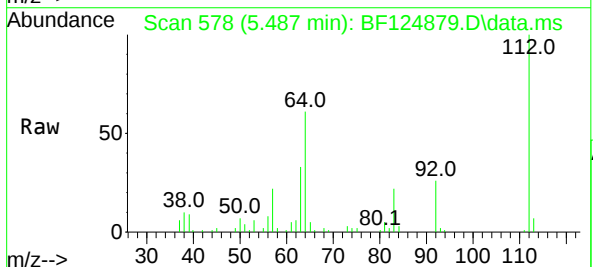
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

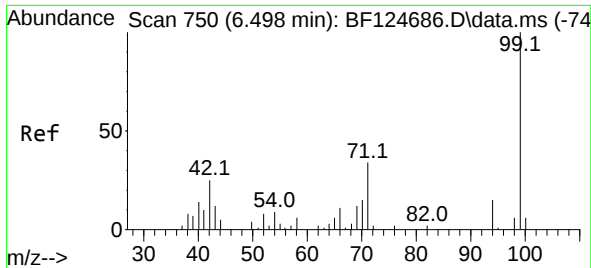
Tgt Ion:152 Resp: 6416
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 68.6 47.1 70.7



#5
2-Fluorophenol
Concen: 114.230 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:112 Resp: 43286
Ion Ratio Lower Upper
112 100
64 61.0 44.2 66.2
63 33.2 26.2 39.2

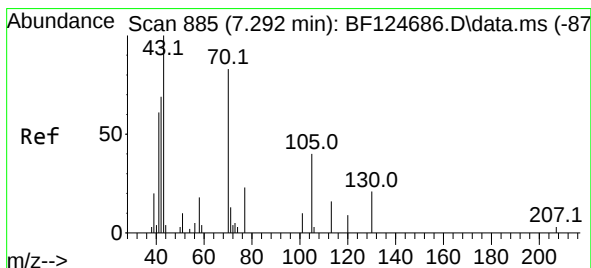
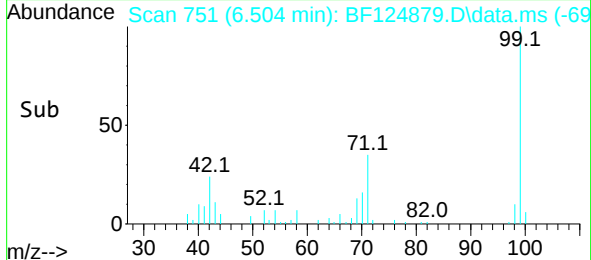
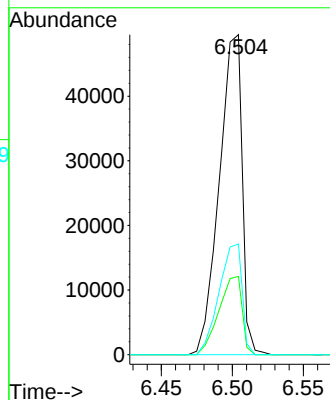
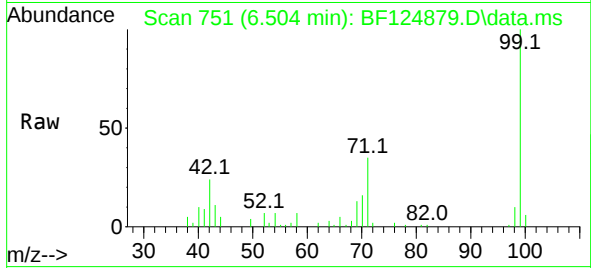




#7
Phenol-d6
Concen: 116.679 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

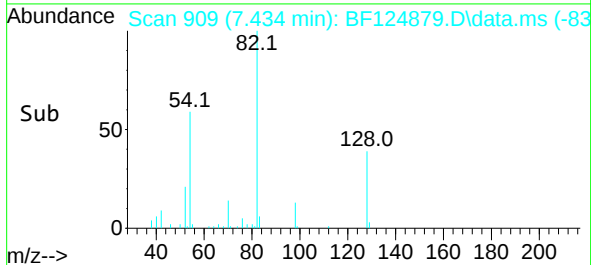
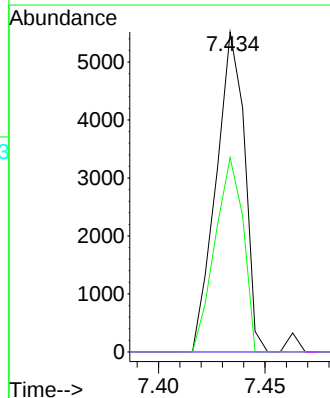
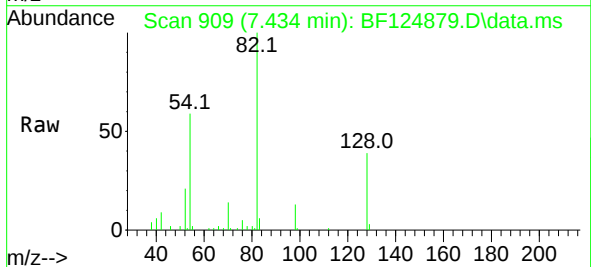
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Tgt Ion:	99	Resp:	55429
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	34.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.239 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

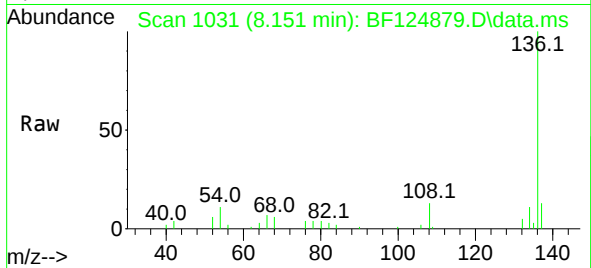
Tgt Ion:	70	Resp:	5134
Ion	Ratio	Lower	Upper
70	100		
42	60.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



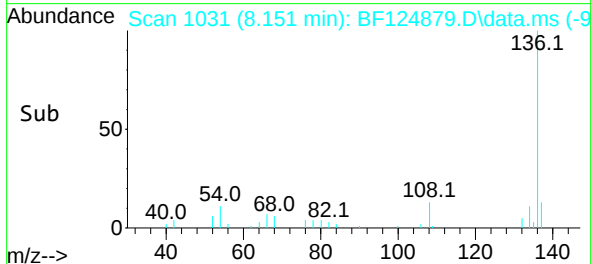
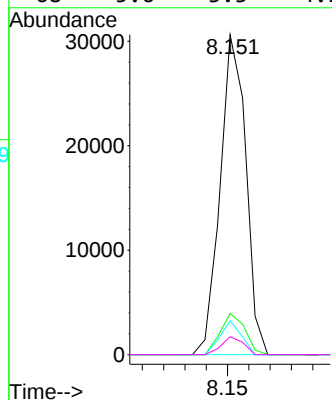


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

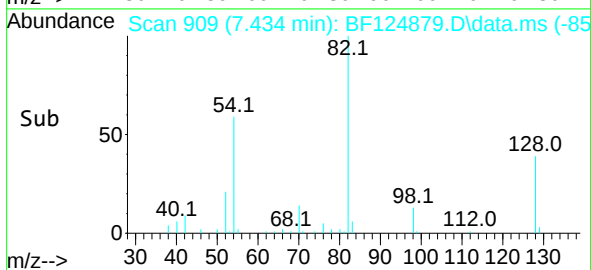
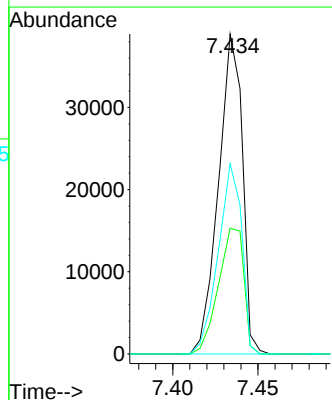
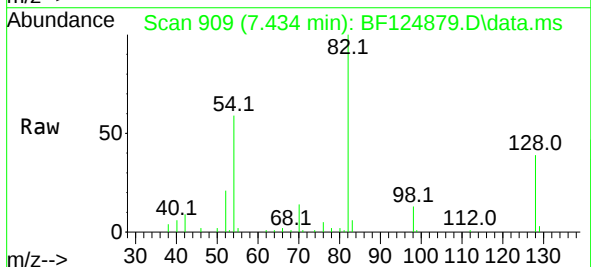


Tgt Ion:136 Resp: 25639
Ion Ratio Lower Upper
136 100
137 12.8 9.8 14.6
54 10.6 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 88.163 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion: 82 Resp: 37979
Ion Ratio Lower Upper
82 100
128 39.3 40.6 60.8#
54 59.5 49.6 74.4

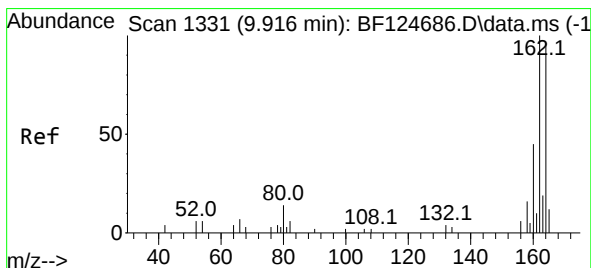
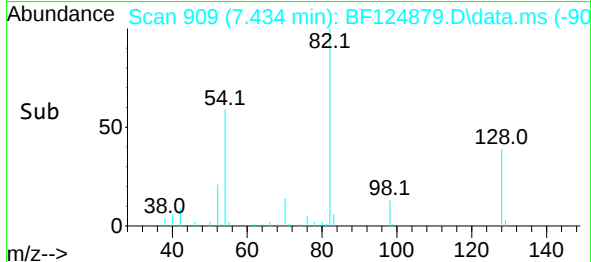
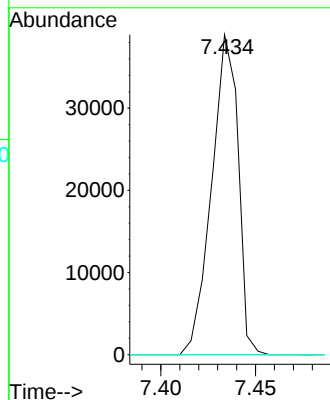
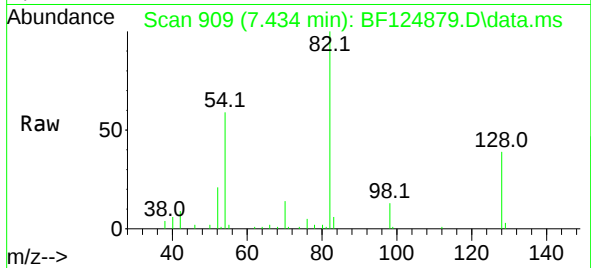




#25
Isophorone
Concen: 49.859 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

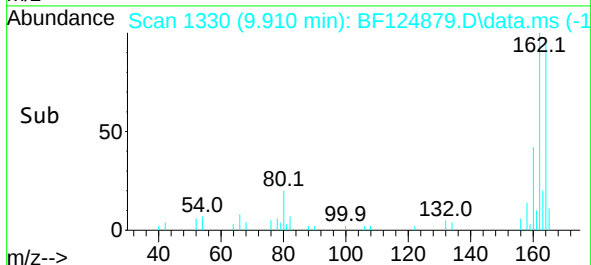
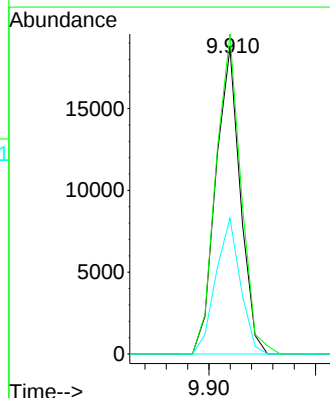
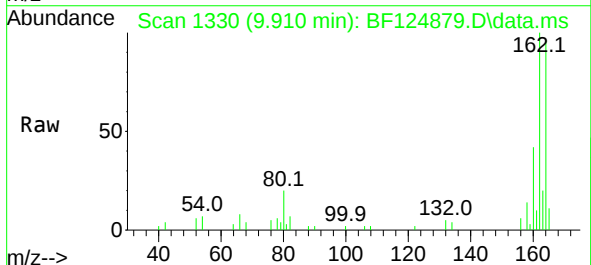
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

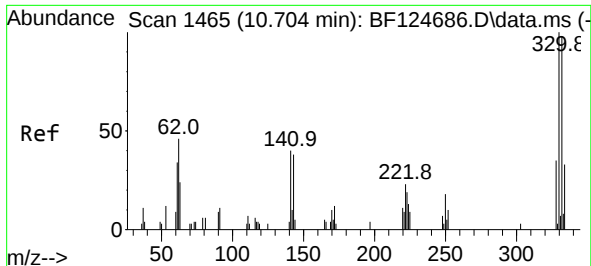
Tgt Ion: 82 Resp: 37978
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:164 Resp: 14934
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 44.3 38.0 57.0

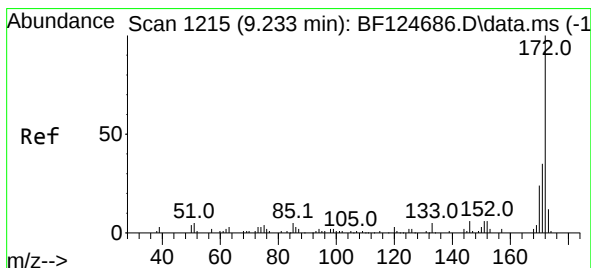
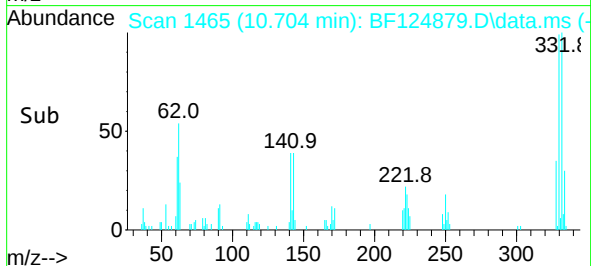
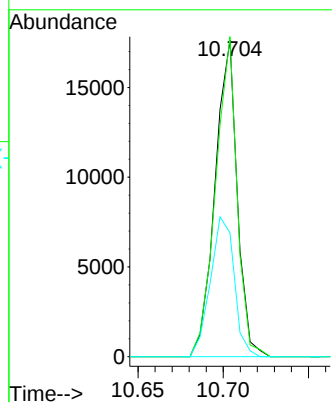
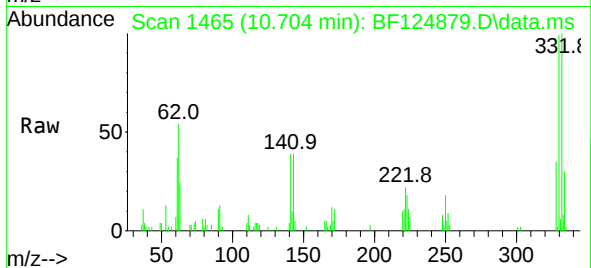




#42
2,4,6-Tribromophenol
Concen: 124.213 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

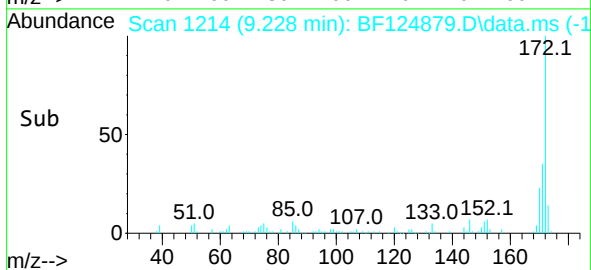
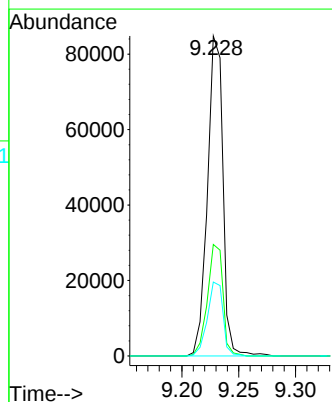
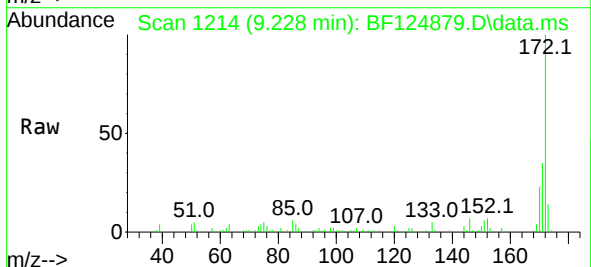
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

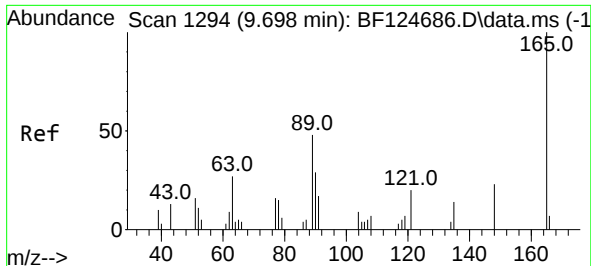
Tgt Ion: 330 Resp: 15927
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 47.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 78.897 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion: 172 Resp: 80221
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.1 18.8 28.2

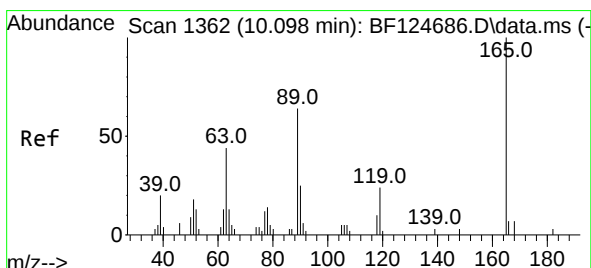
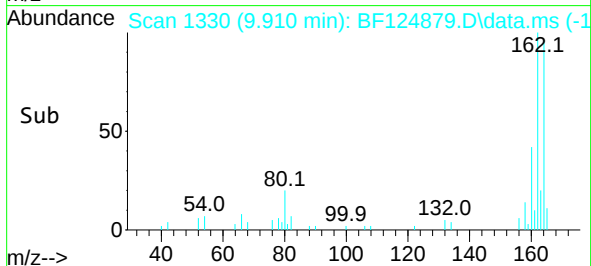
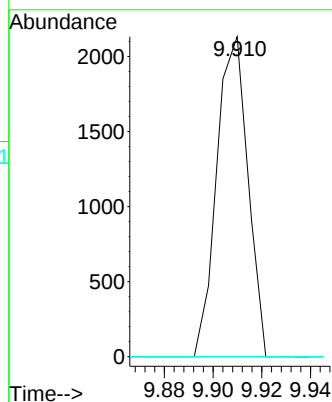
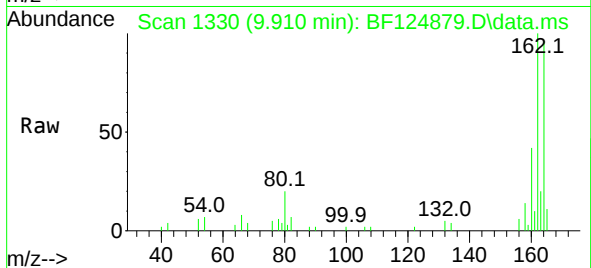




#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

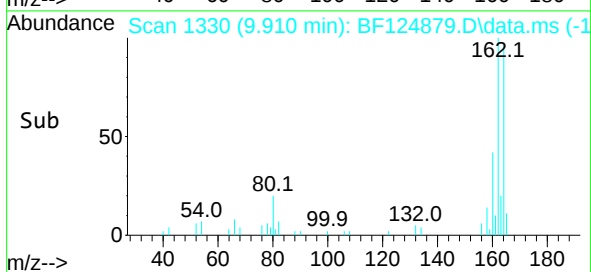
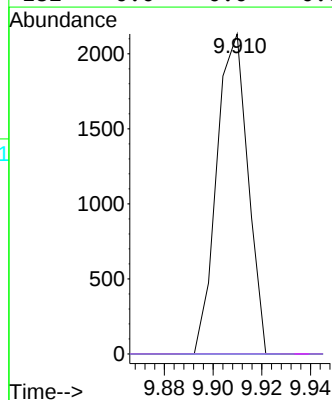
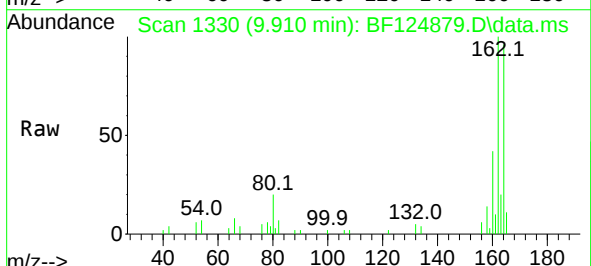
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

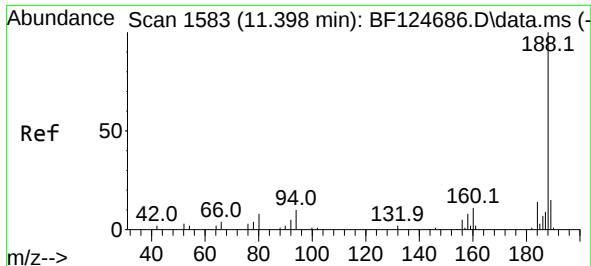
Tgt Ion:165 Resp: 1893
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:165 Resp: 1893
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

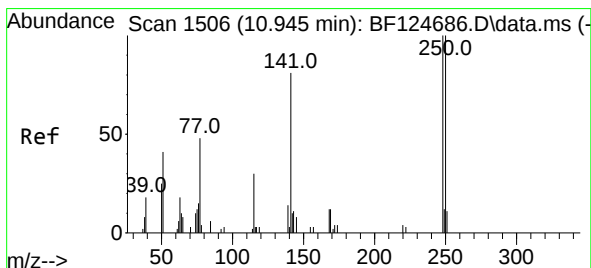
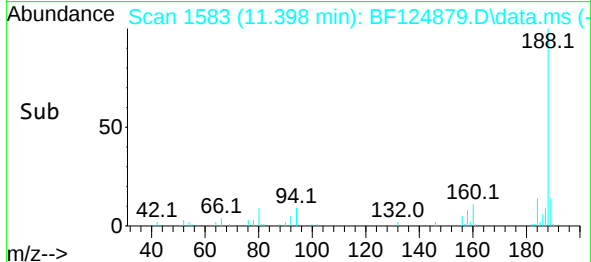
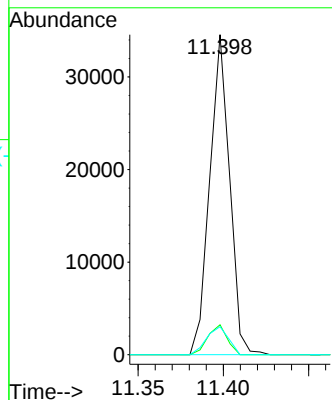
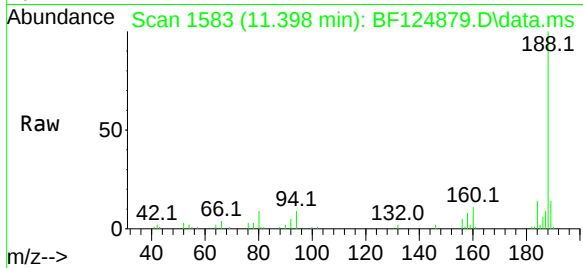




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

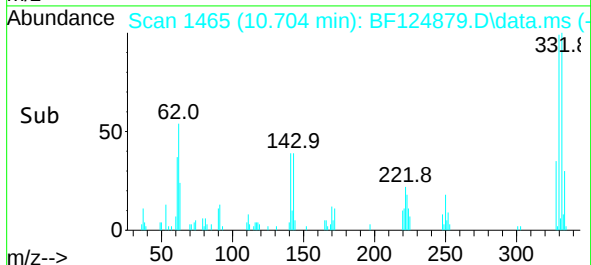
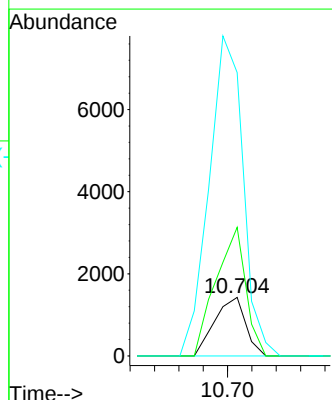
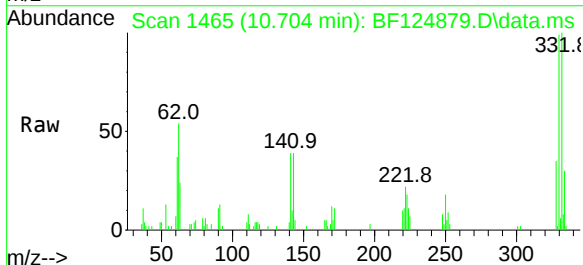
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

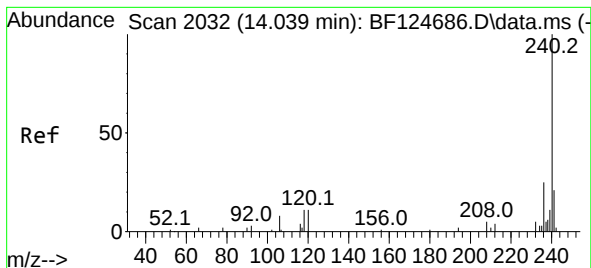
Tgt Ion:188 Resp: 27990
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:248 Resp: 1258
Ion Ratio Lower Upper
248 100
250 219.9 74.2 111.4#
141 484.1 60.4 90.6#

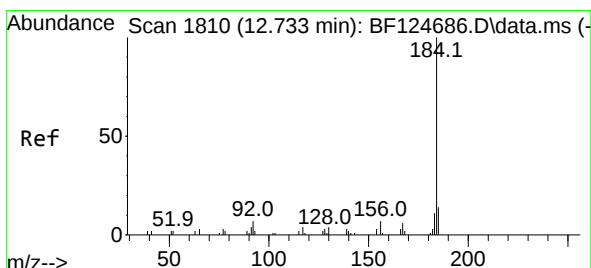
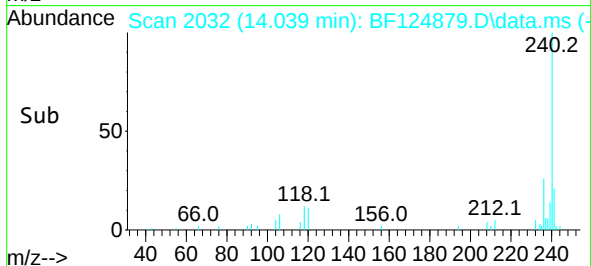
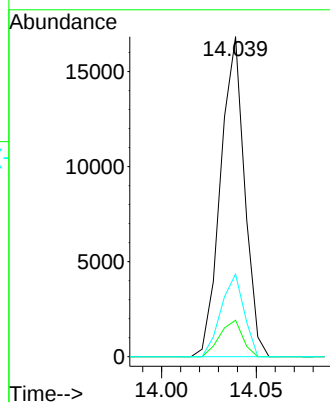
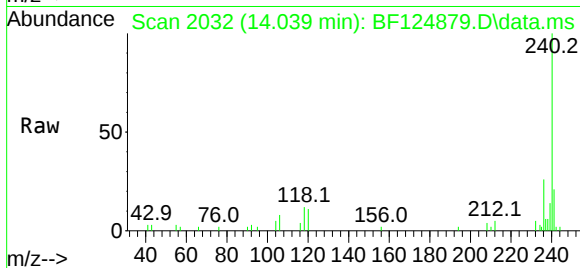




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

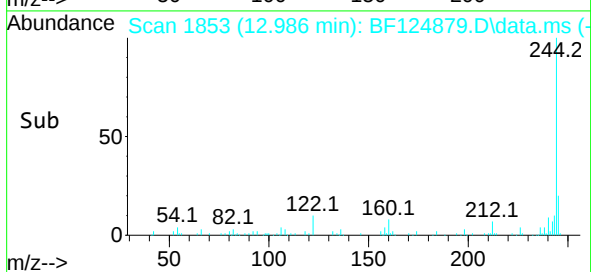
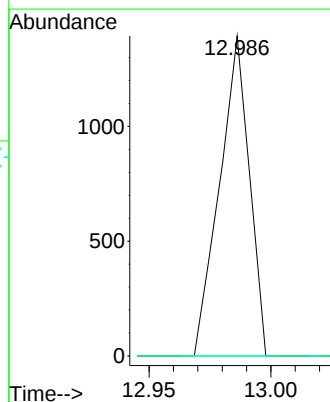
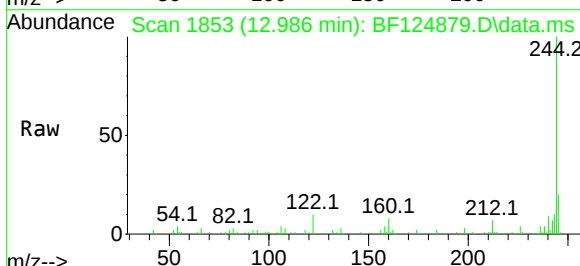
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

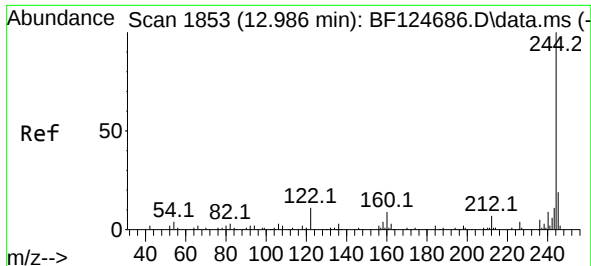
Tgt Ion:240 Resp: 14829
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.8 21.6 32.4



#77
Benzidine
Concen: 2.827 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:184 Resp: 1182
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

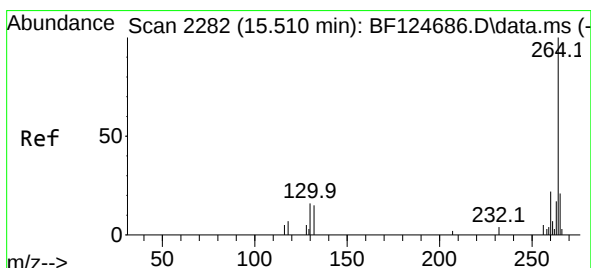
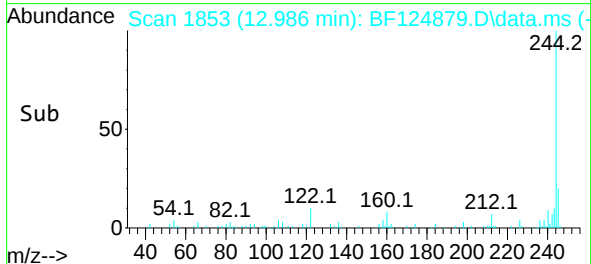
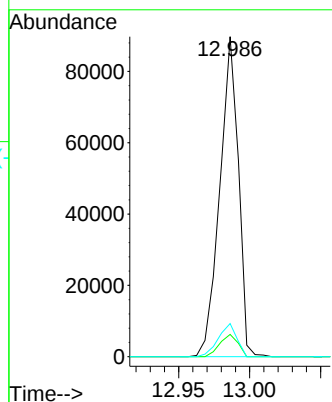
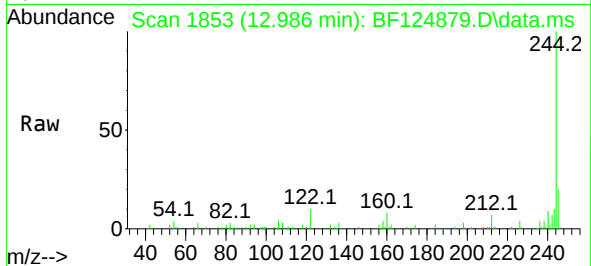




#79
Terphenyl-d14
Concen: 94.239 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Tgt Ion:244 Resp: 81526
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124879.D
Acq: 30 Jul 2021 16:45

Tgt Ion:264 Resp: 13740
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.0 17.2 25.8

