

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124863.D
 Acq On : 29 Jul 2021 21:40
 Operator : JU/CG
 Sample : M3216-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210538-COM-11

Quant Time: Jul 30 02:55:07 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)

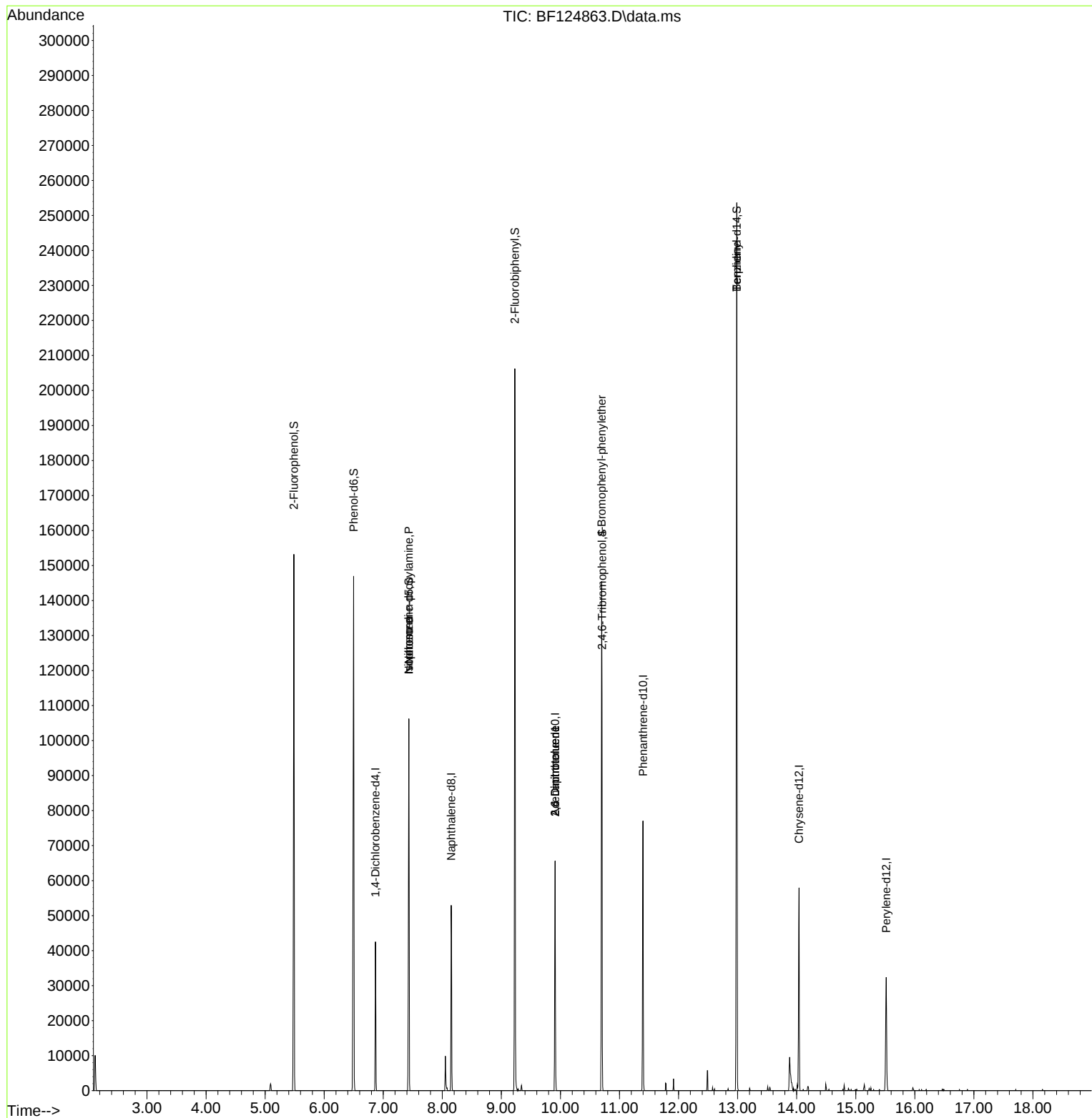
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6036	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	23314	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	13678	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	27369	20.00	ng	0.00
76) Chrysene-d12	14.039	240	20857	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	16323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38719	108.61	ng	0.00
7) Phenol-d6	6.498	99	46953	105.06	ng	0.00
23) Nitrobenzene-d5	7.434	82	31166	79.56	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15041	128.08	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	62127	66.71	ng	0.00
79) Terphenyl-d14	12.986	244	82798	68.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	3768	15.79	ng	# 76
25) Isophorone	7.434	82	31165	44.99	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1720	8.27	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1720	6.09	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1216	4.19	ng	# 1
77) Benzidine	12.986	184	1241	2.11	ng	# 69

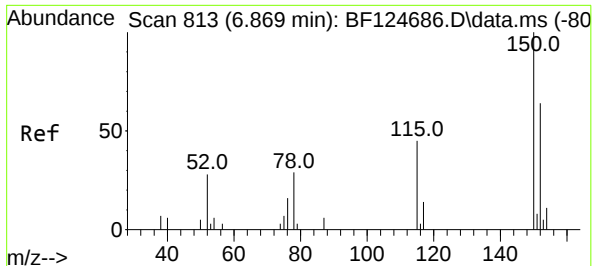
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124863.D
Acq On : 29 Jul 2021 21:40
Operator : JU/CG
Sample : M3216-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

Quant Time: Jul 30 02:55:07 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

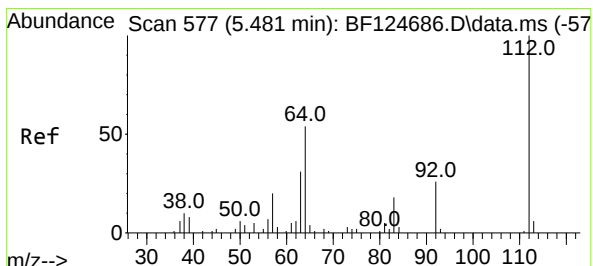
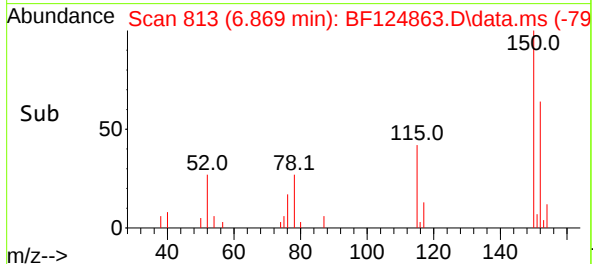
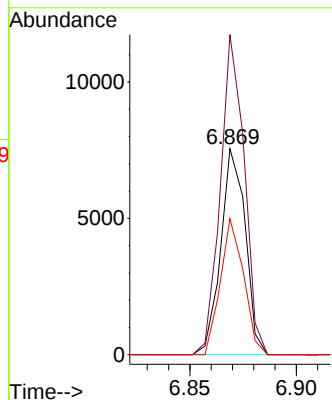
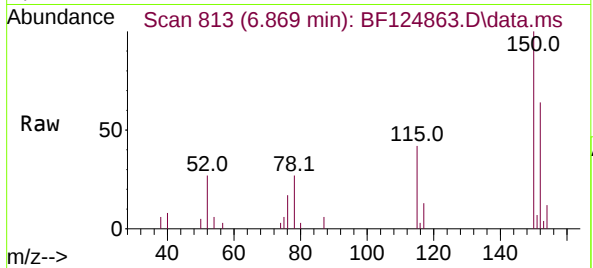




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

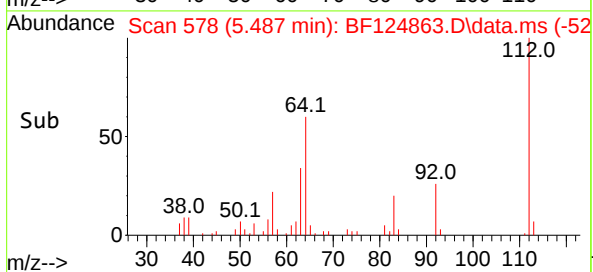
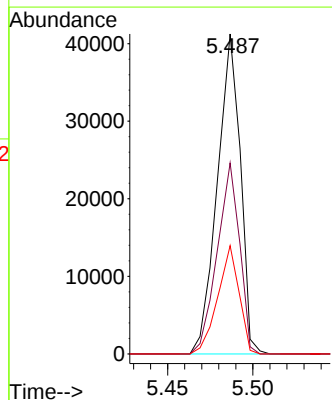
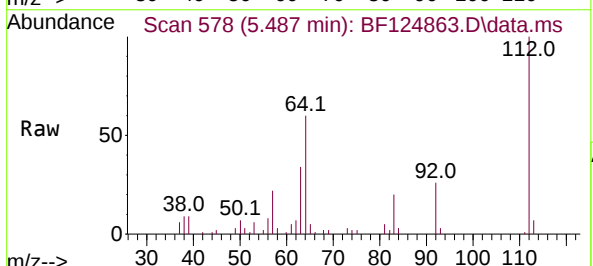
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

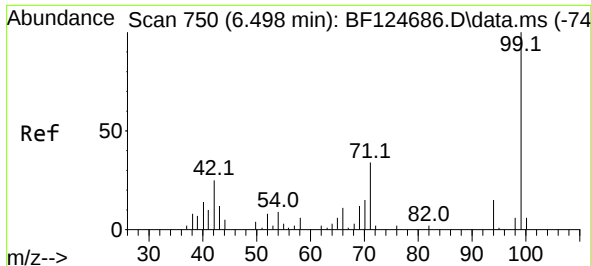
Tgt Ion:152 Resp: 6036
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 66.0 47.1 70.7



#5
2-Fluorophenol
Concen: 108.61 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:112 Resp: 38719
Ion Ratio Lower Upper
112 100
64 59.7 44.2 66.2
63 33.8 26.2 39.2

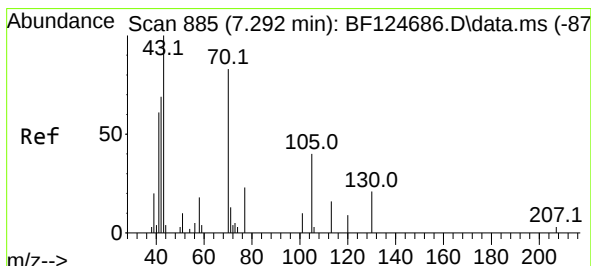
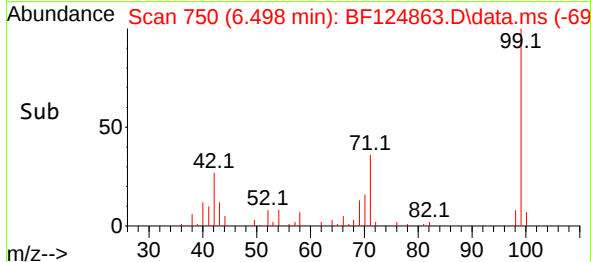
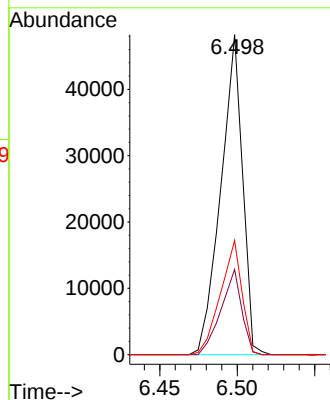
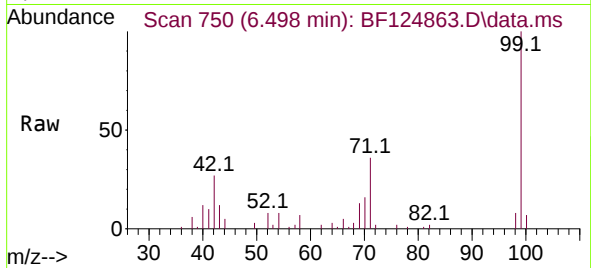




#7
Phenol-d6
Concen: 105.06 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

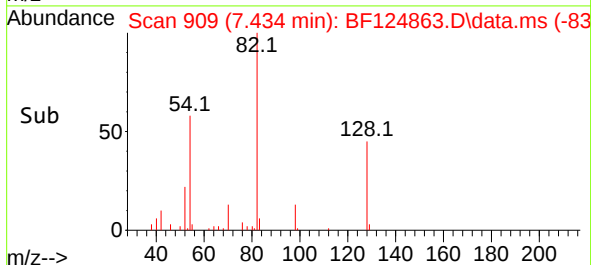
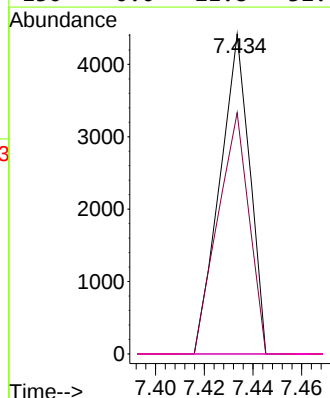
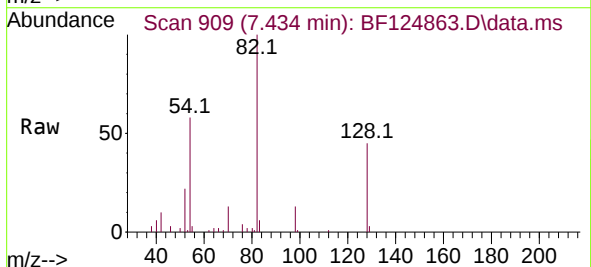
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

Tgt Ion:	99	Resp:	46953
Ion	Ratio	Lower	Upper
99	100		
42	26.7	23.5	35.3
71	35.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:	70	Resp:	3768
Ion	Ratio	Lower	Upper
70	100		
42	75.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

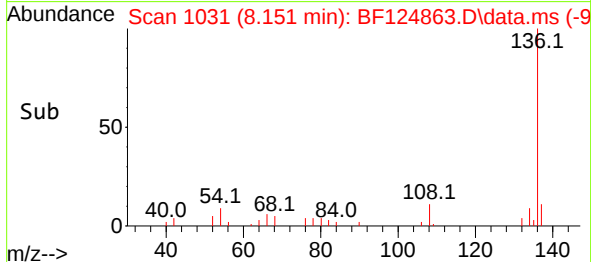
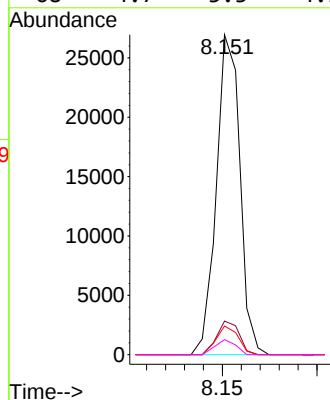
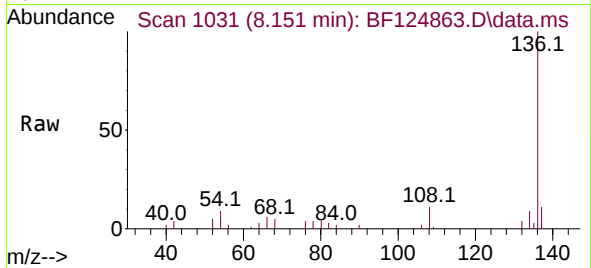




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

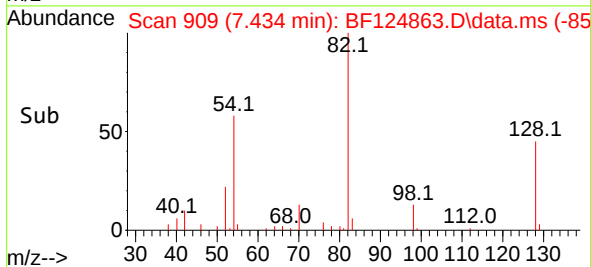
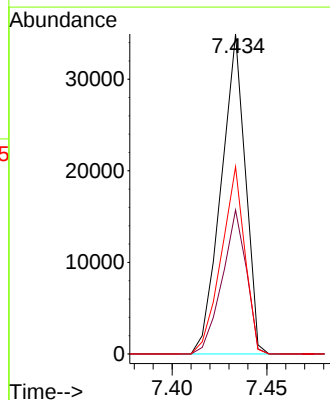
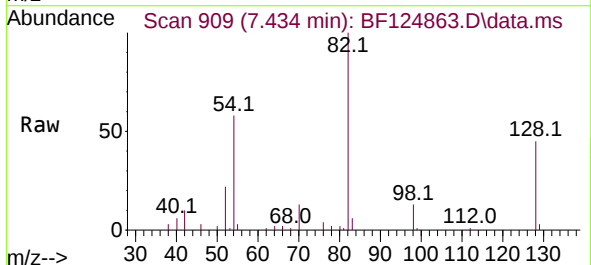
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

Tgt Ion:136	Resp:	23314
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	8.9	6.4 9.6
68	4.7	3.3 4.9



#23
Nitrobenzene-d5
Concen: 79.56 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion: 82	Resp:	31166
Ion Ratio	Lower	Upper
82	100	
128	45.0	40.6 60.8
54	58.5	49.6 74.4

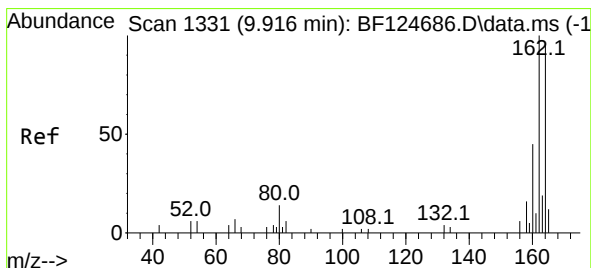
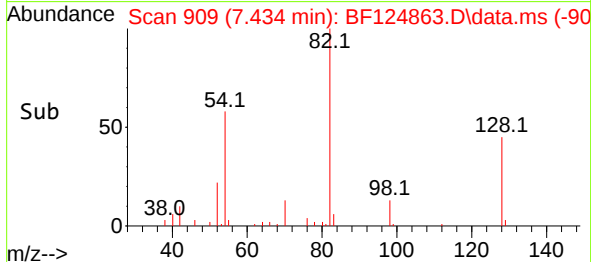
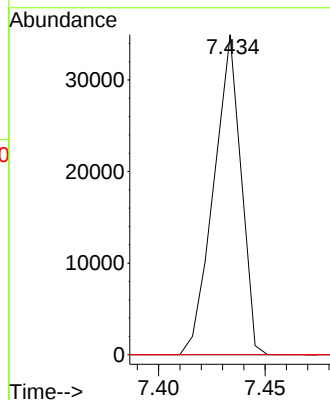
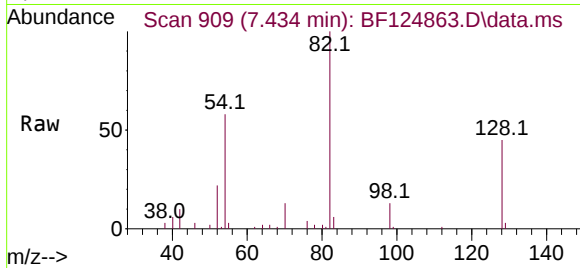




#25
Isophorone
Concen: 44.99 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

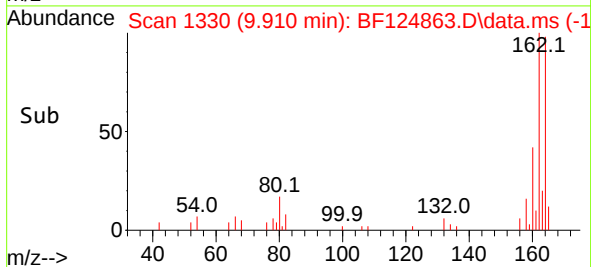
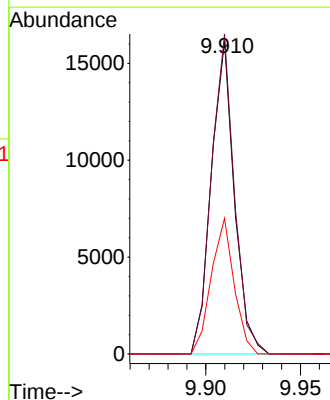
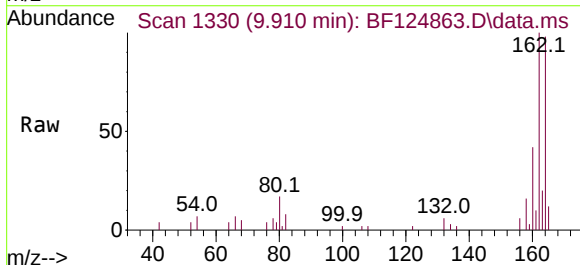
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

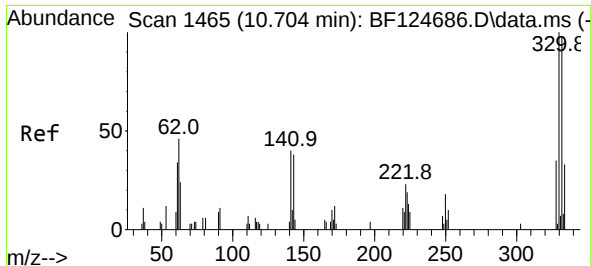
Tgt Ion: 82 Resp: 31165
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion: 164 Resp: 13678
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 43.3 38.0 57.0

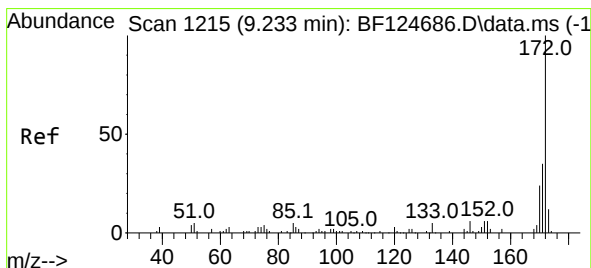
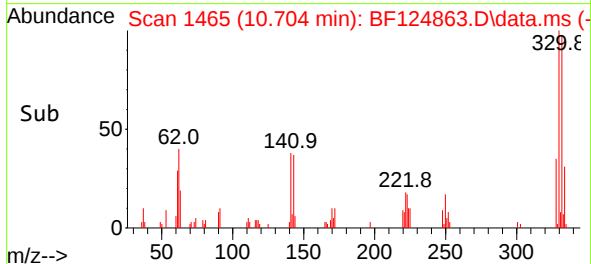
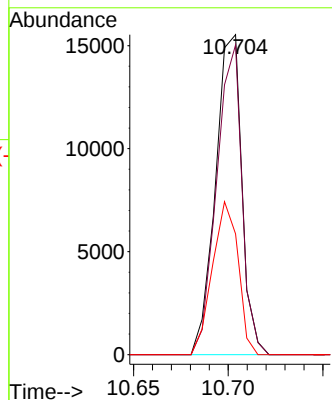
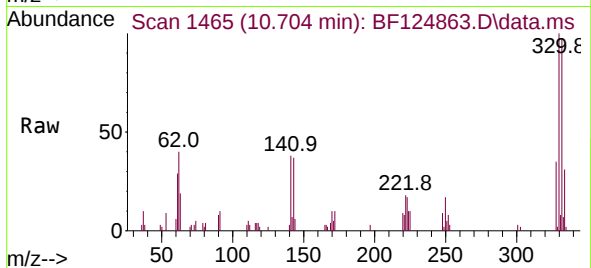




#42
2,4,6-Tribromophenol
Concen: 128.08 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

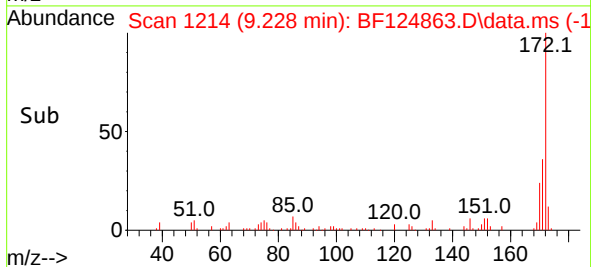
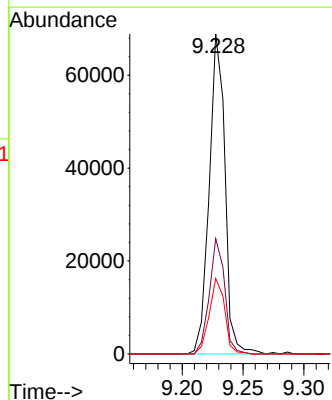
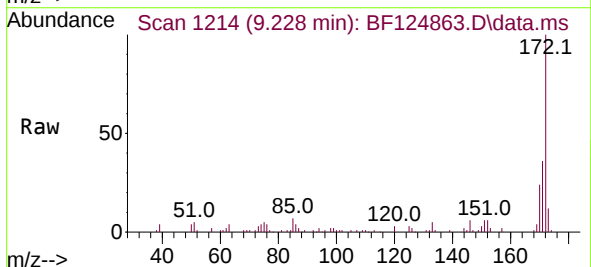
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

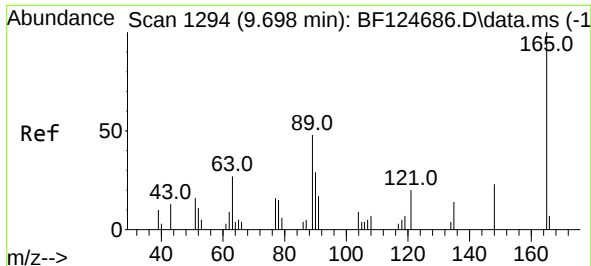
Tgt Ion: 330 Resp: 15041
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 46.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.71 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion: 172 Resp: 62127
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.6 18.8 28.2

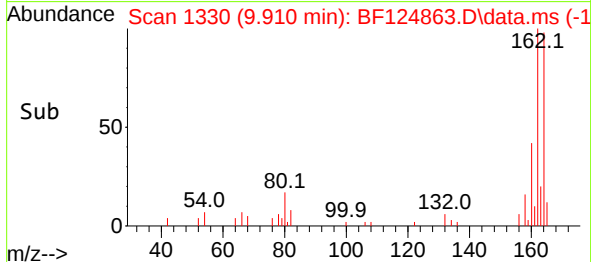
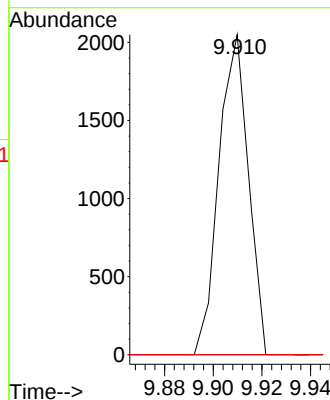
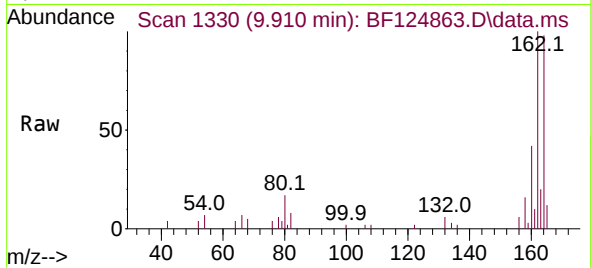




#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

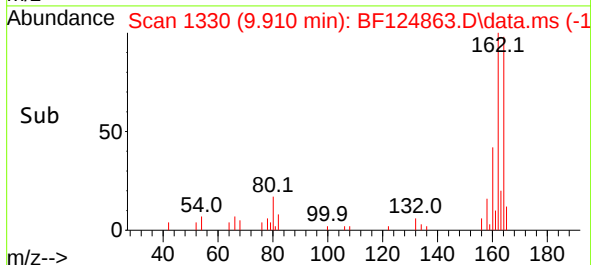
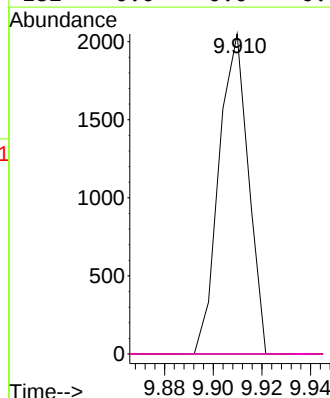
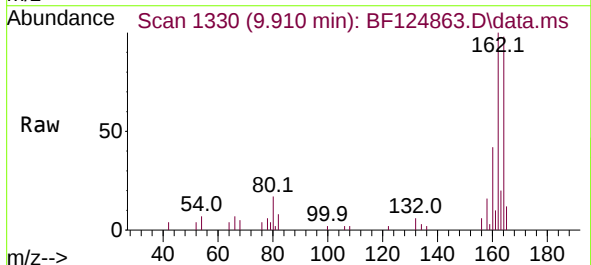
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

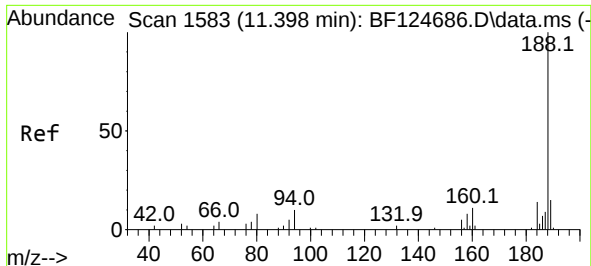
Tgt Ion:165 Resp: 1720
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:165 Resp: 1720
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

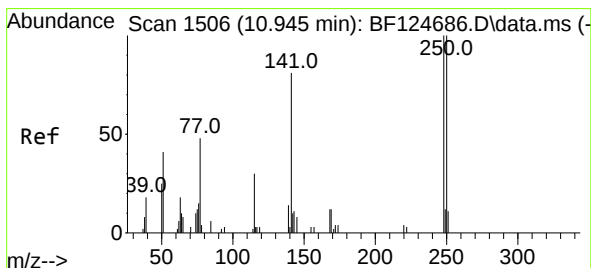
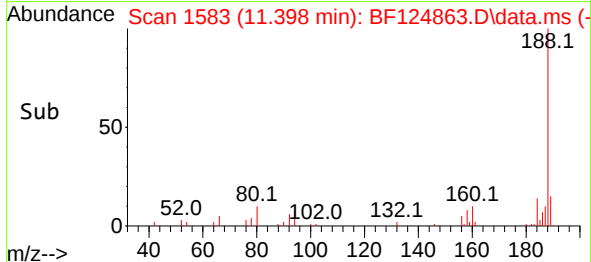
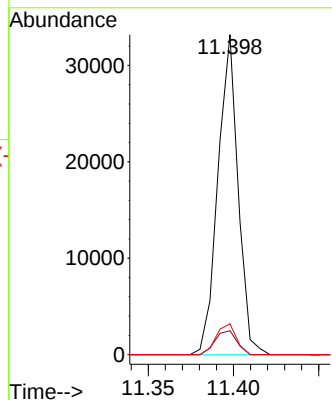
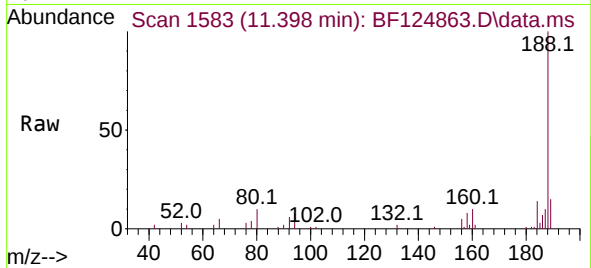




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

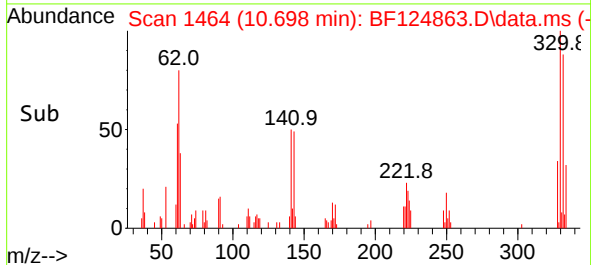
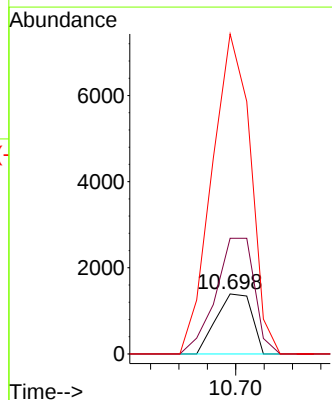
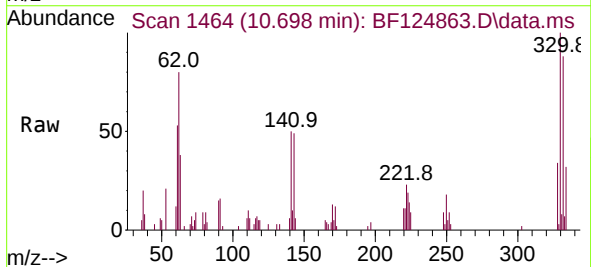
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

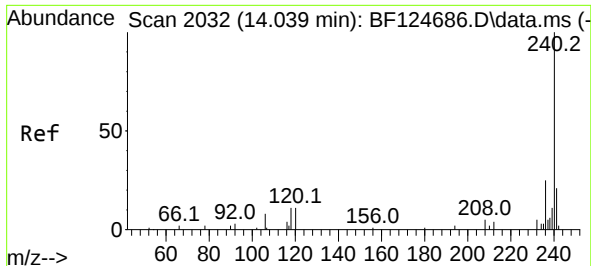
Tgt Ion:188 Resp: 27369
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:248 Resp: 1216
Ion Ratio Lower Upper
248 100
250 193.0 74.2 111.4#
141 533.6 60.4 90.6#

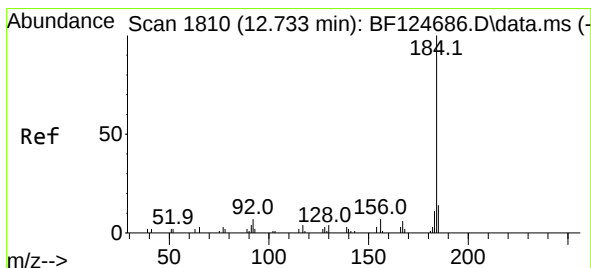
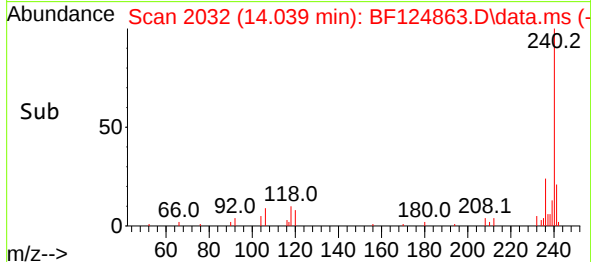
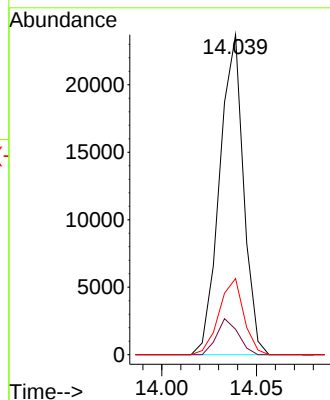
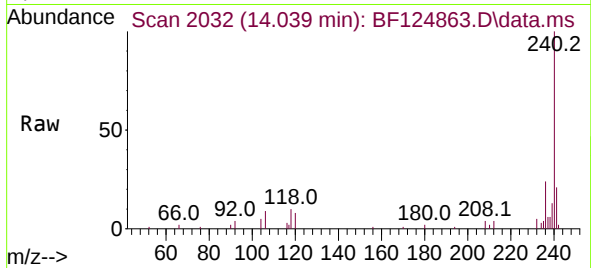




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

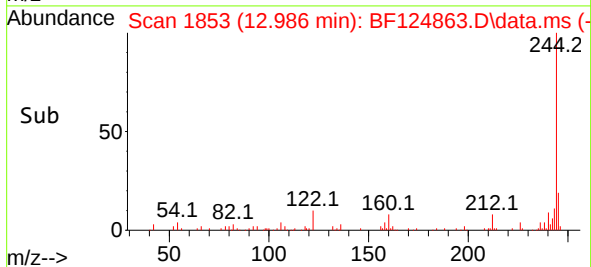
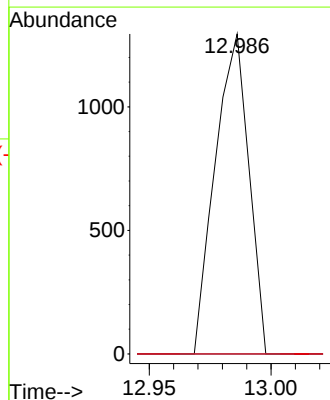
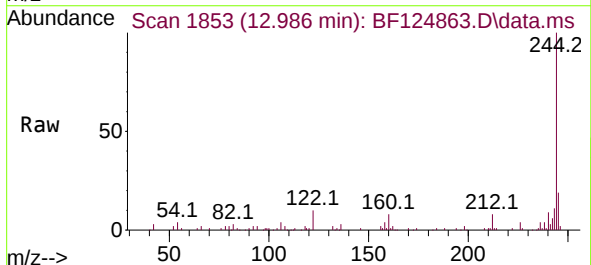
Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

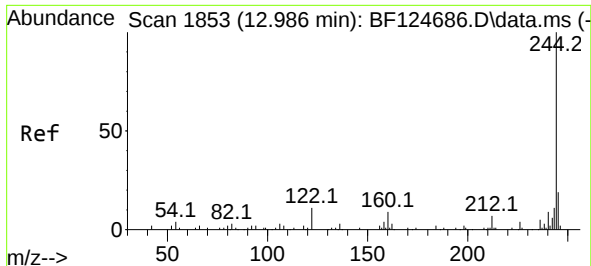
Tgt Ion:240 Resp: 20857
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 23.8 21.6 32.4



#77
Benzidine
Concen: 2.11 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:184 Resp: 1241
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

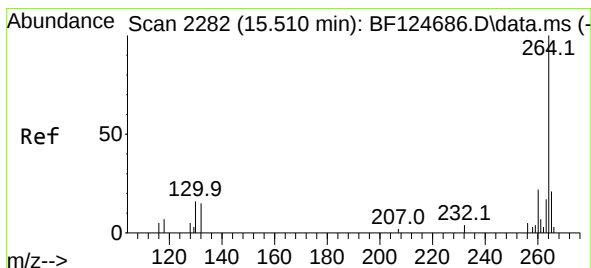
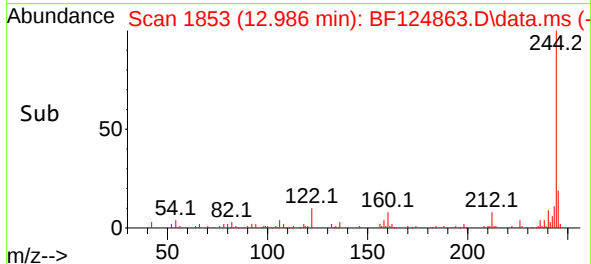
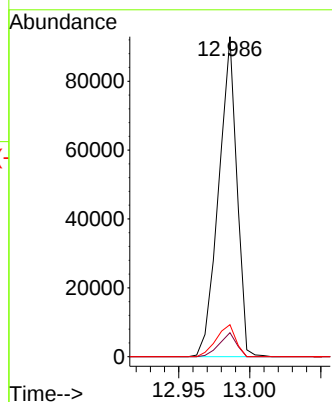
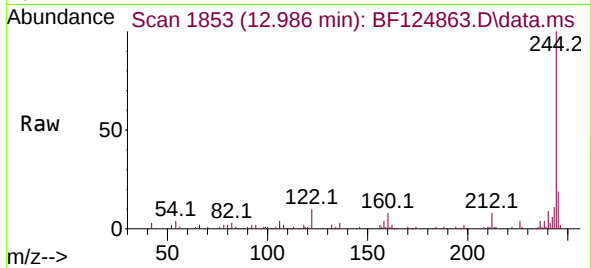




#79
Terphenyl-d14
Concen: 68.05 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Instrument :
BNA_F
ClientSampleId :
20210538-COM-11

Tgt Ion:244 Resp: 82798
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124863.D
Acq: 29 Jul 2021 21:40

Tgt Ion:264 Resp: 16323
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 20.4 17.2 25.8

