

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124820.D
 Acq On : 28 Jul 2021 10:55
 Operator : JU/CG
 Sample : M3200-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-3

Quant Time: Jul 28 11:51:35 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)

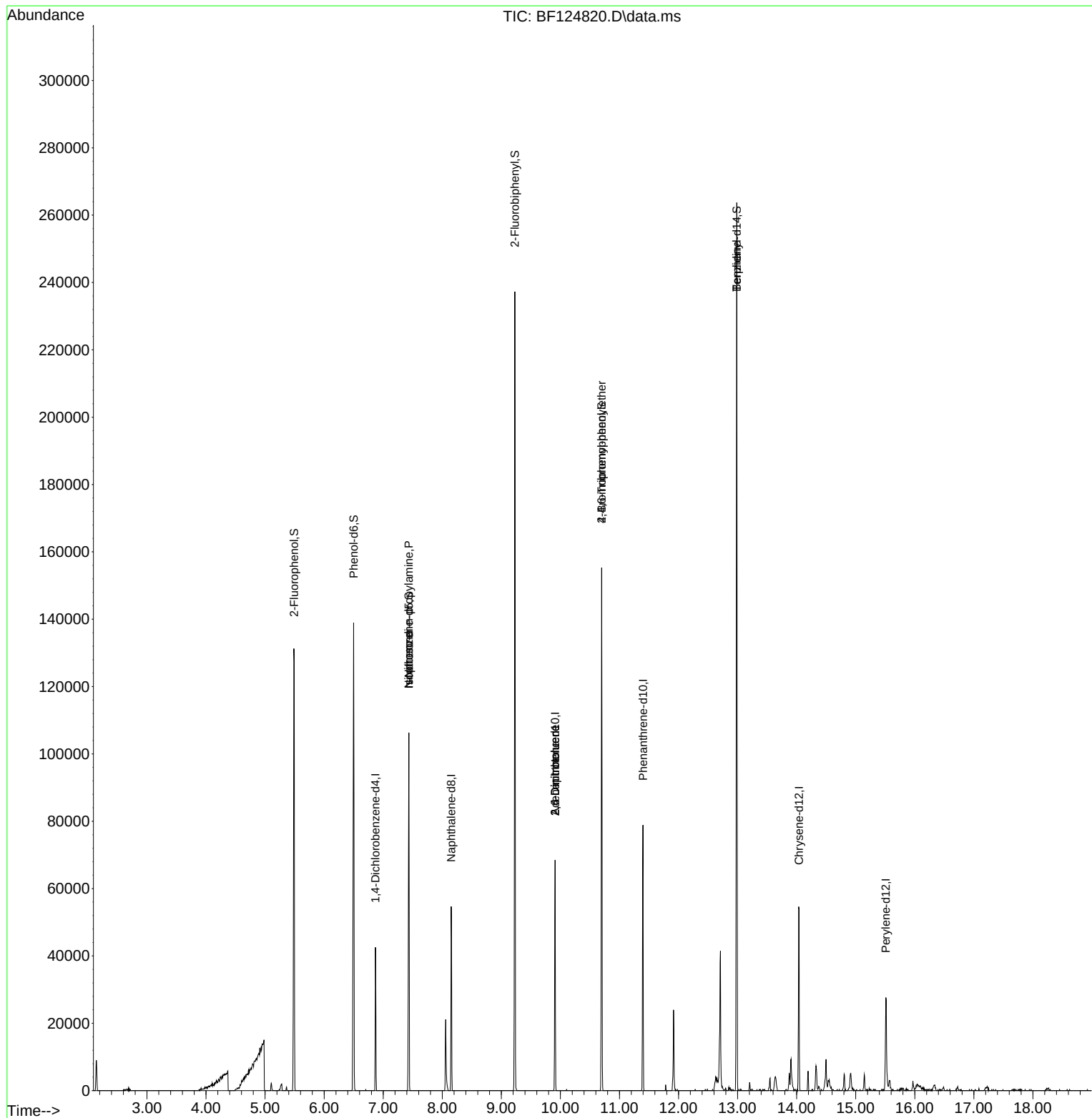
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5928	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	23679	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13859	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	28467	20.000	ng	0.00
76) Chrysene-d12	14.039	240	21216	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	15920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	38360	109.564	ng	0.01
7) Phenol-d6	6.498	99	46703	106.404	ng	0.00
23) Nitrobenzene-d5	7.434	82	30764	77.326	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	15244	128.108	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	66683	70.669	ng	0.00
79) Terphenyl-d14	12.986	244	86868	70.185	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3994	17.041	ng	# 74
25) Isophorone	7.434	82	30763	43.730	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1791	8.495	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1791	6.260	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1037	3.435	ng	# 1
77) Benzidine	12.986	184	1410	2.357	ng	# 69

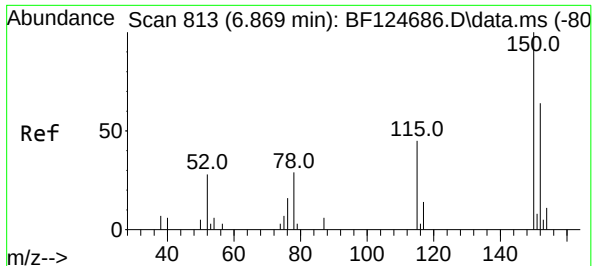
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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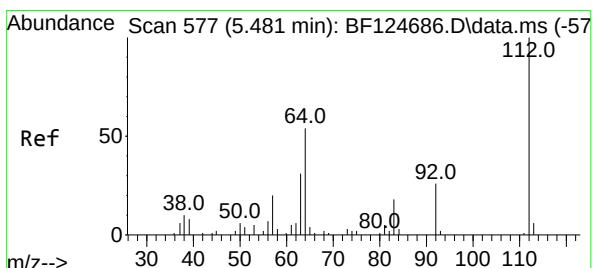
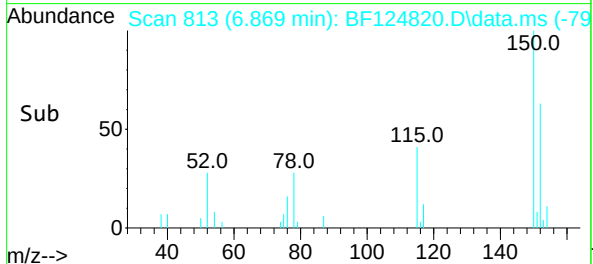
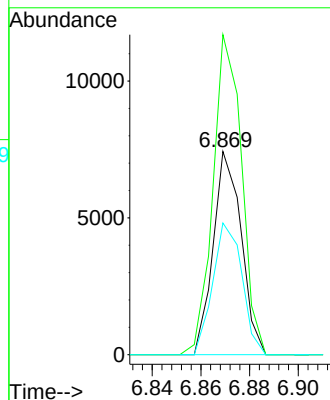
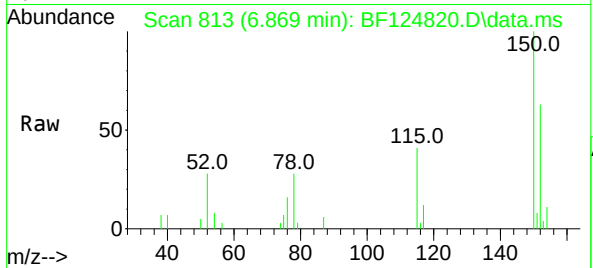




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

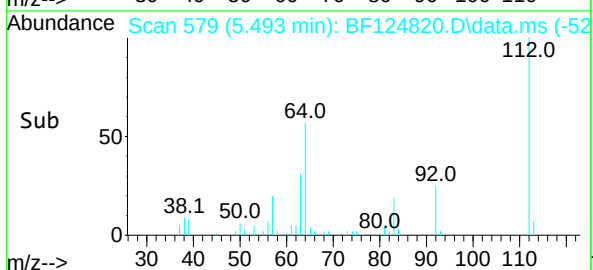
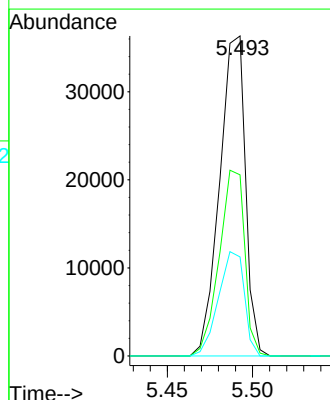
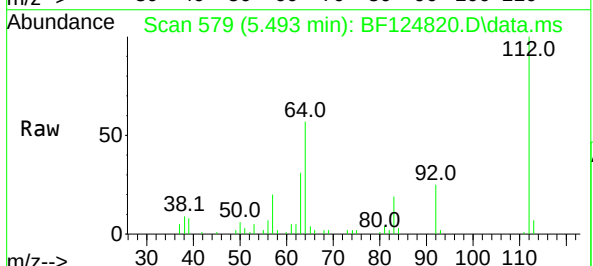
Instrument :
BNA_F
ClientSampleId :
GS-3

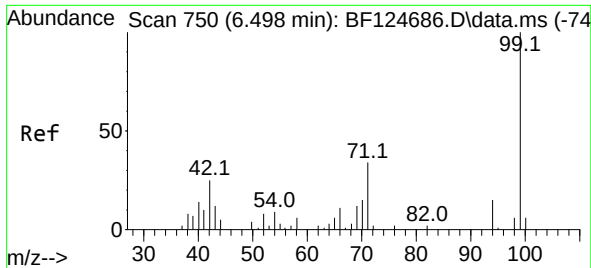
Tgt Ion:152 Resp: 5928
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 109.564 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:112 Resp: 38360
Ion Ratio Lower Upper
112 100
64 56.6 44.2 66.2
63 31.0 26.2 39.2

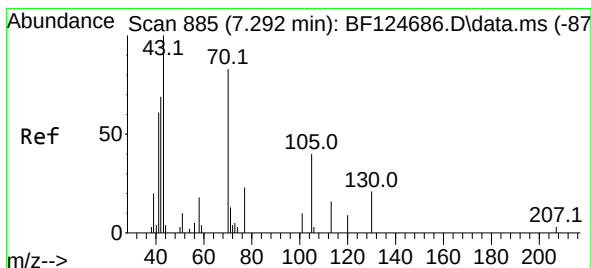
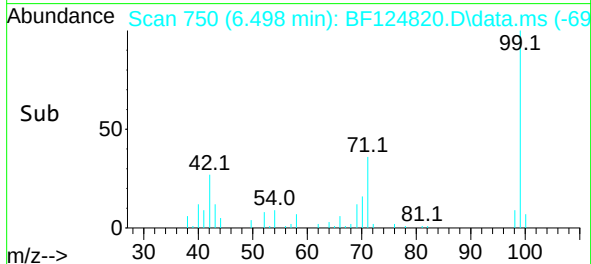
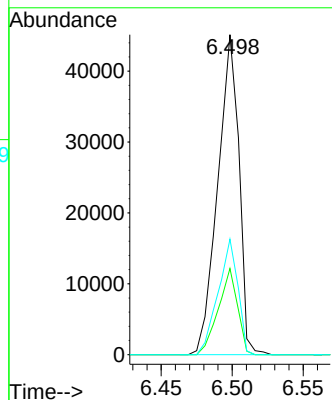
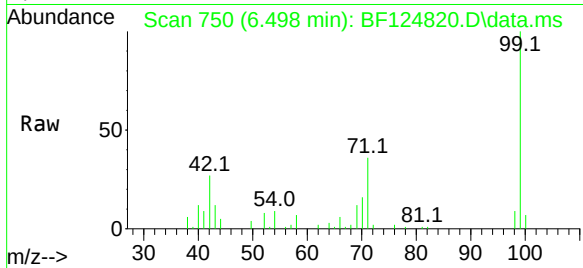




#7
Phenol-d6
Concen: 106.404 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

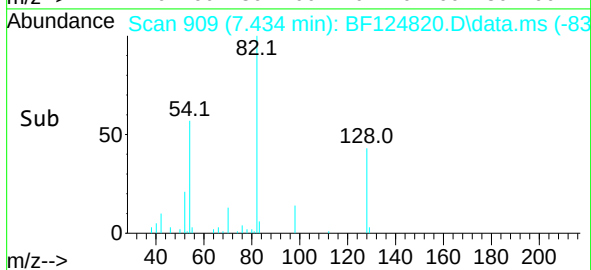
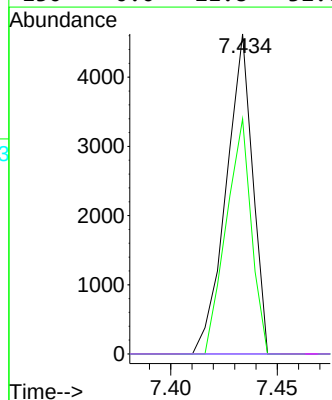
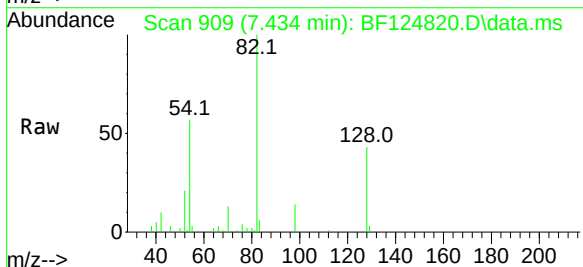
Instrument :
BNA_F
ClientSampled :
GS-3

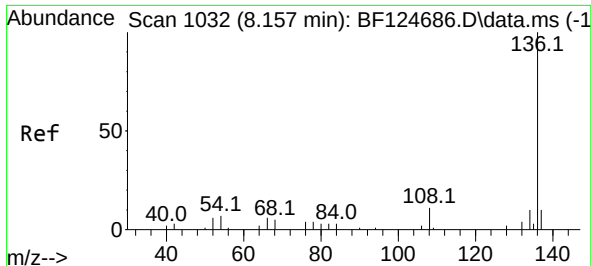
Tgt Ion:	99	Resp:	46703
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	36.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.041 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:	70	Resp:	3994
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#

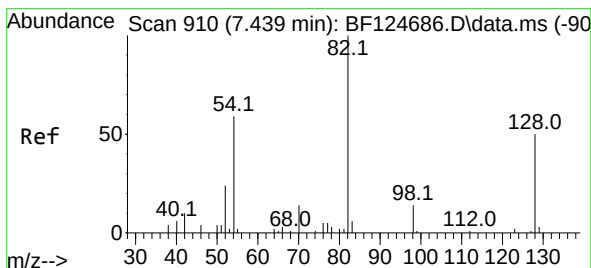
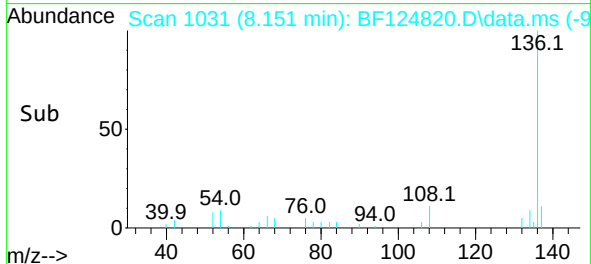
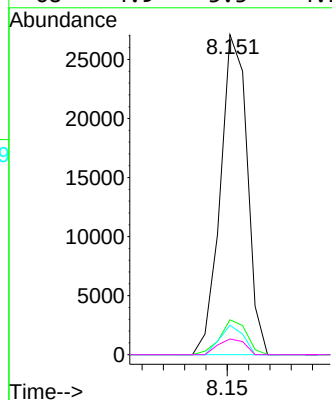
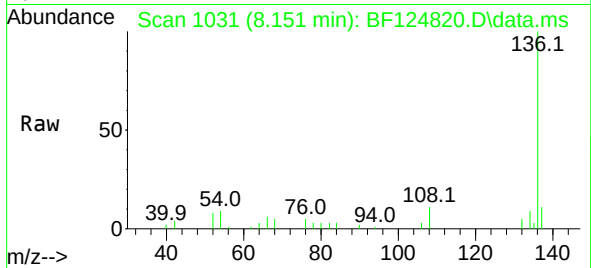




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

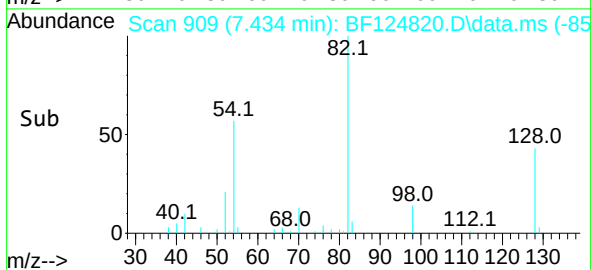
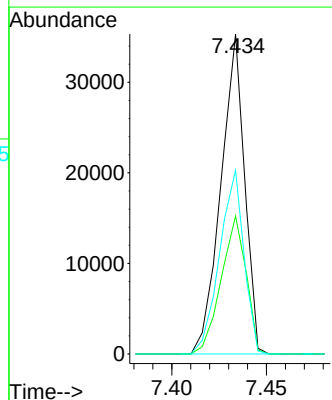
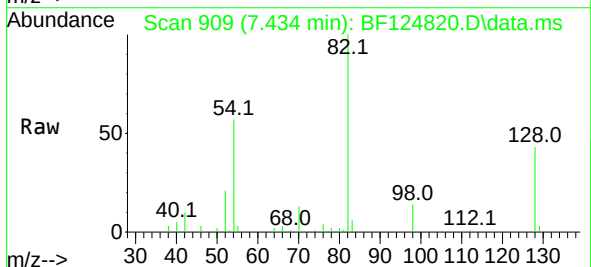
Instrument :
BNA_F
ClientSampled :
GS-3

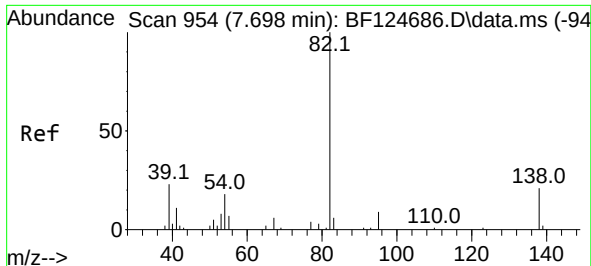
Tgt Ion:	136	Resp:	23679
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	9.2	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 77.326 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:	82	Resp:	30764
Ion Ratio	Lower	Upper	
82	100		
128	43.1	40.6	60.8
54	57.4	49.6	74.4

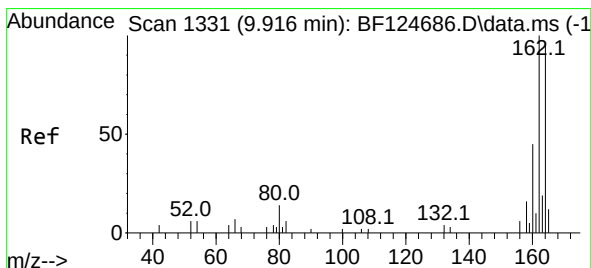
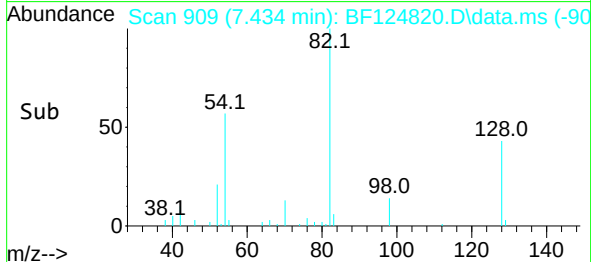
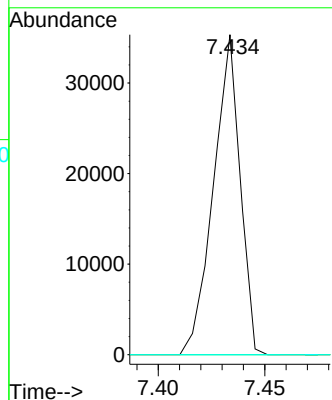
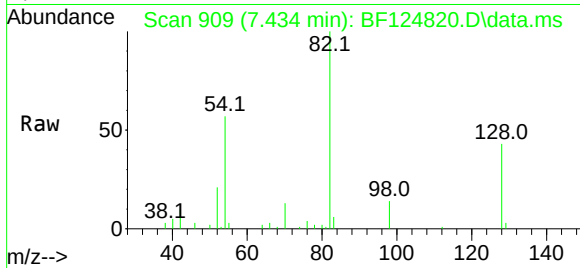




#25
Isophorone
Concen: 43.730 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

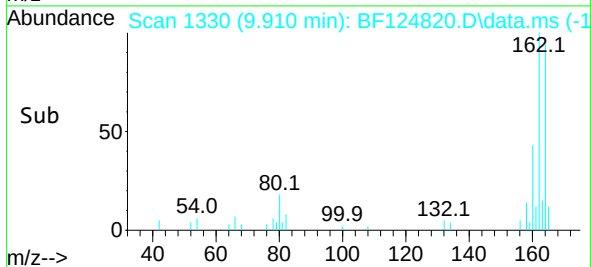
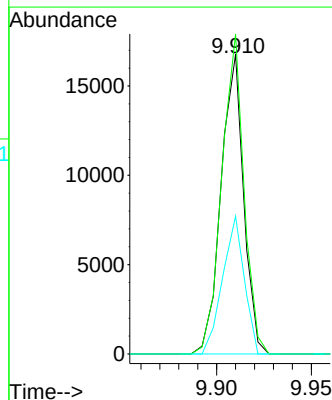
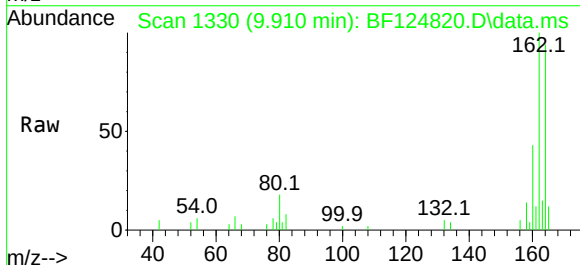
Instrument :
BNA_F
ClientSampleId :
GS-3

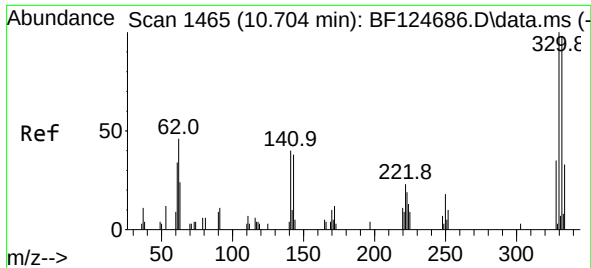
Tgt Ion: 82 Resp: 30763
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

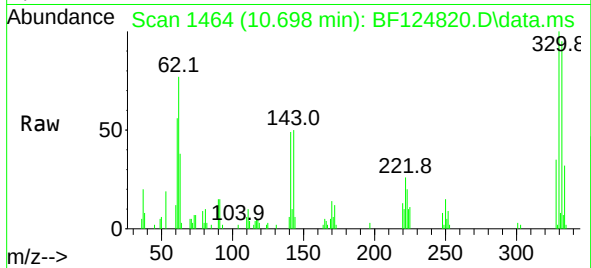
Tgt Ion: 164 Resp: 13859
Ion Ratio Lower Upper
164 100
162 106.8 81.3 121.9
160 46.0 38.0 57.0



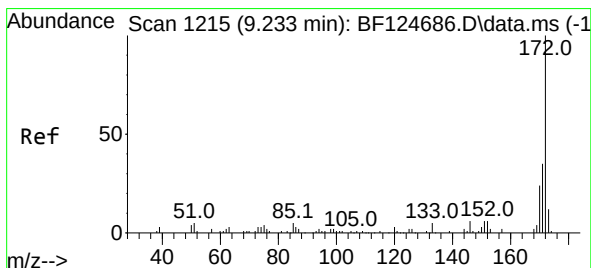
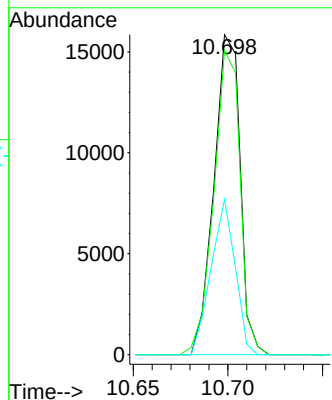
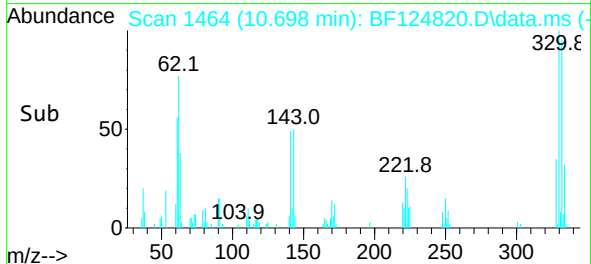


#42
2,4,6-Tribromophenol
Concen: 128.108 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

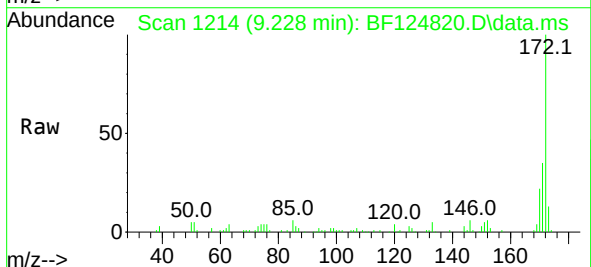
Instrument :
BNA_F
ClientSampled :
GS-3



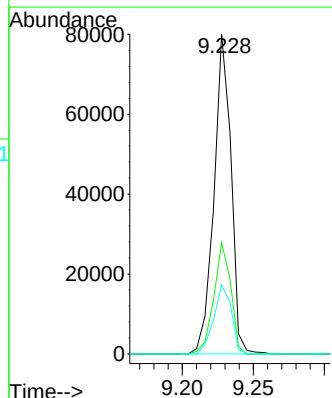
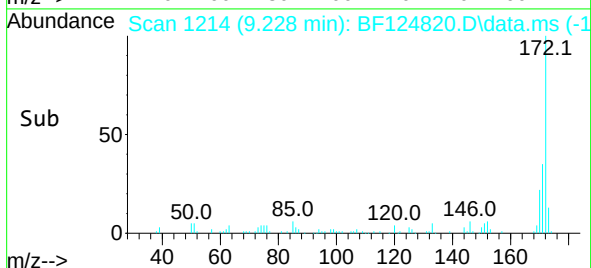
Tgt Ion: 330 Resp: 15244
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 44.6 44.6 66.8

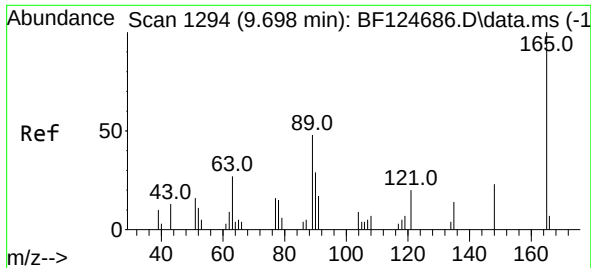


#45
2-Fluorobiphenyl
Concen: 70.669 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55



Tgt Ion: 172 Resp: 66683
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 21.6 18.8 28.2

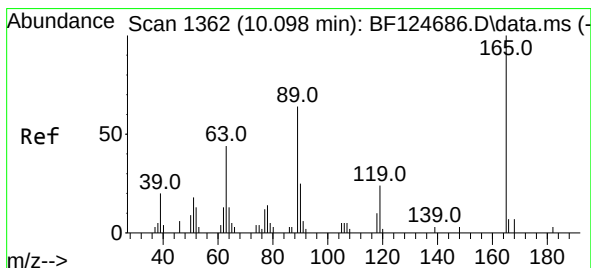
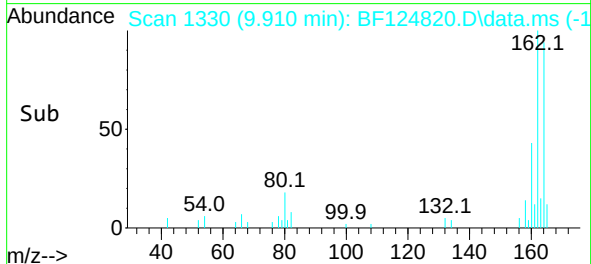
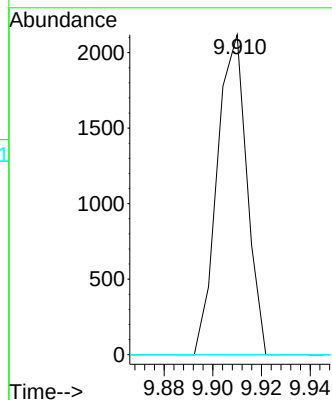
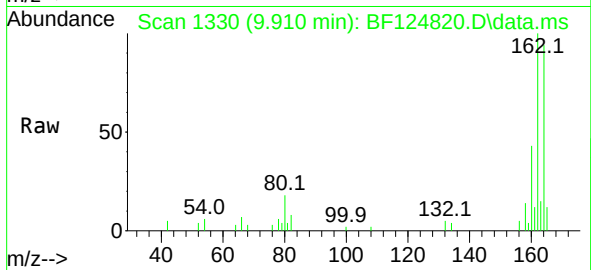




#51
2,6-Dinitrotoluene
Concen: 8.495 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

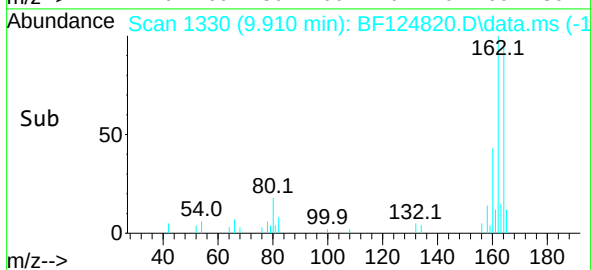
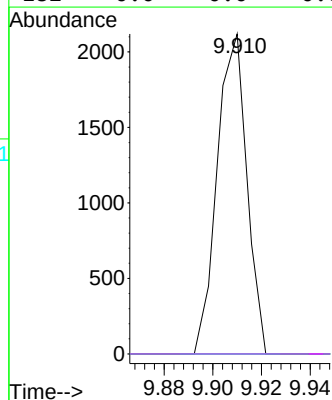
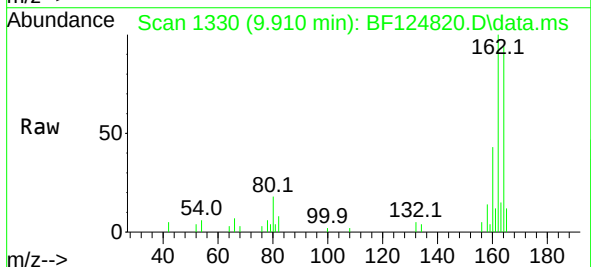
Instrument :
BNA_F
ClientSampleId :
GS-3

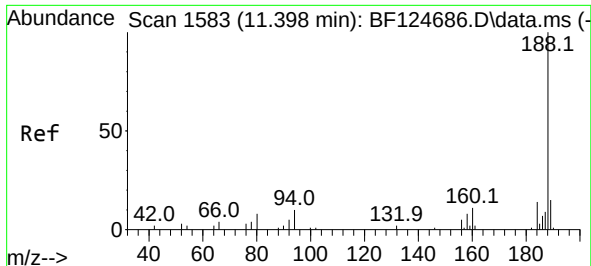
Tgt Ion:165 Resp: 1791
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:165 Resp: 1791
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

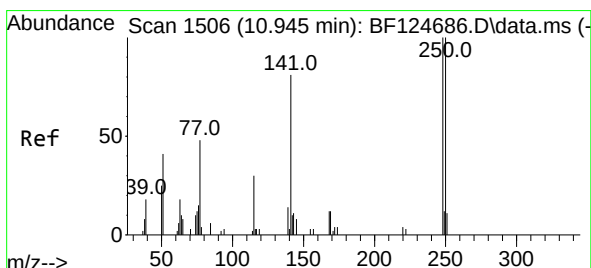
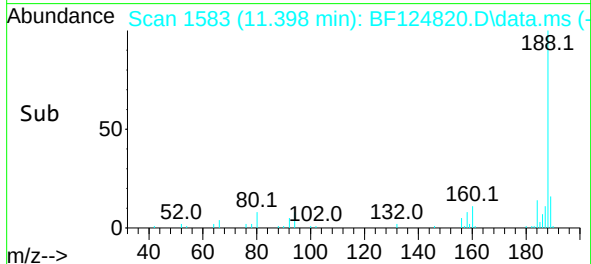
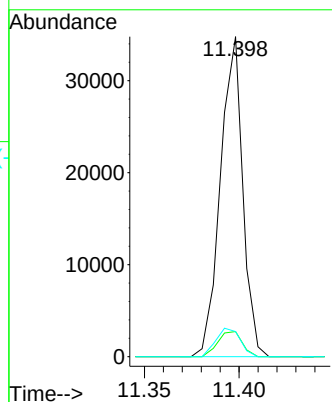
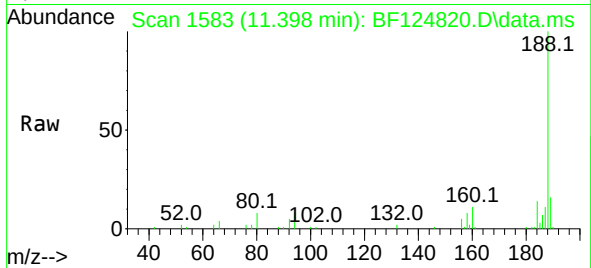




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

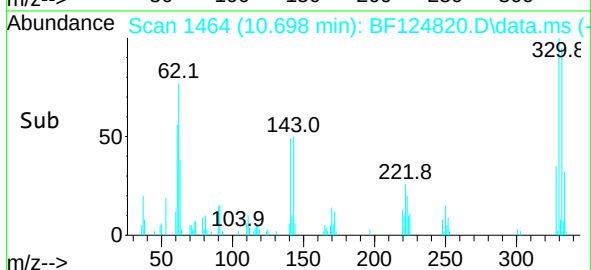
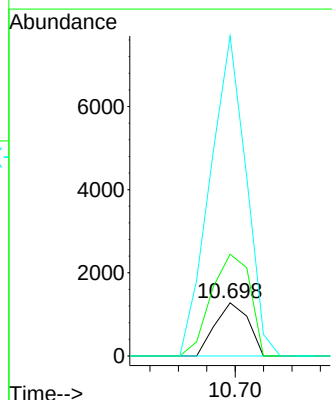
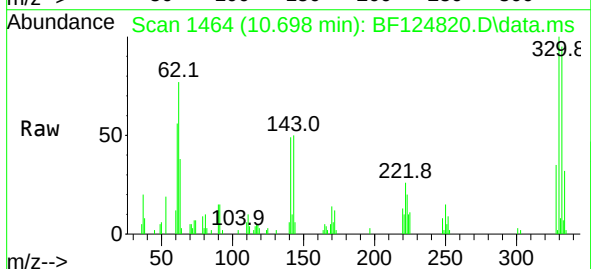
Instrument :
BNA_F
ClientSampled :
GS-3

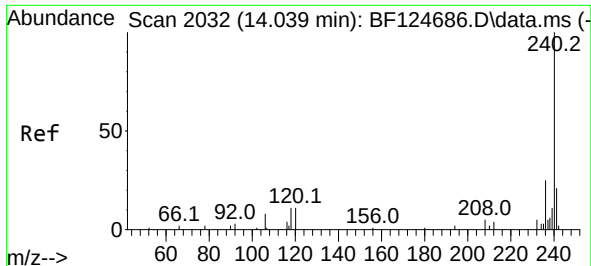
Tgt Ion:188 Resp: 28467
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 7.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.435 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:248 Resp: 1037
Ion Ratio Lower Upper
248 100
250 191.5 74.2 111.4#
141 602.7 60.4 90.6#

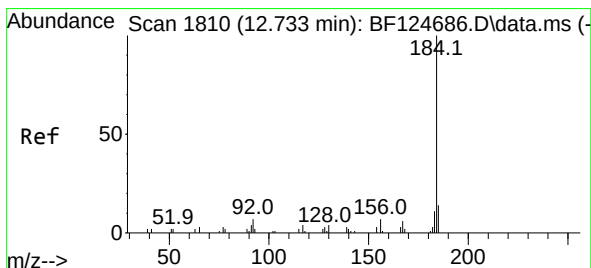
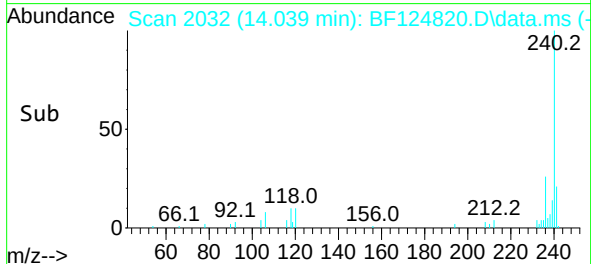
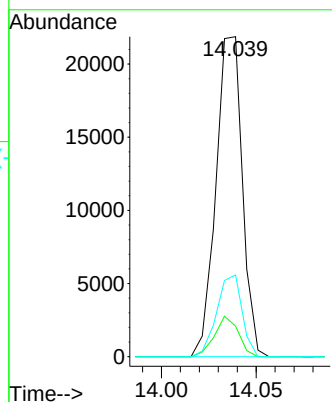
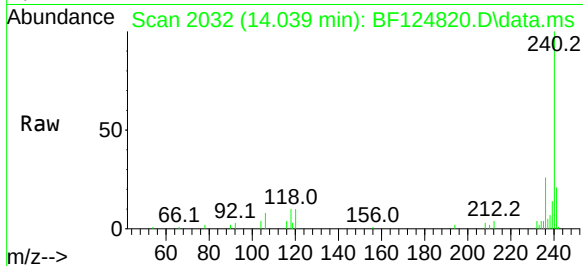




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

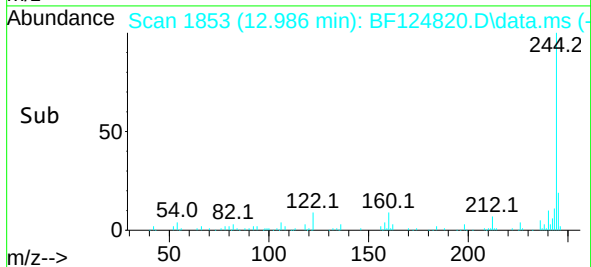
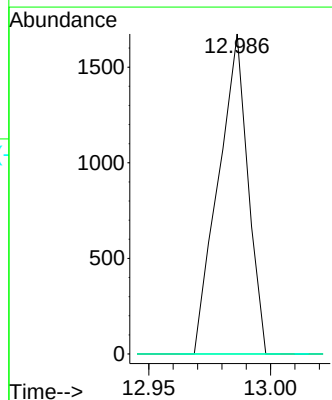
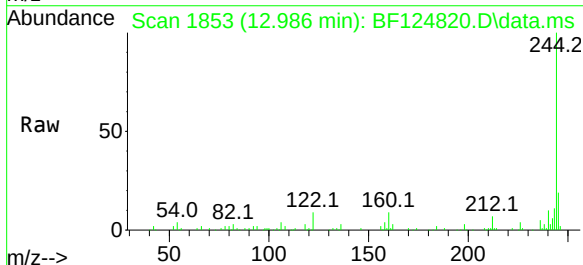
Instrument :
BNA_F
ClientSampleId :
GS-3

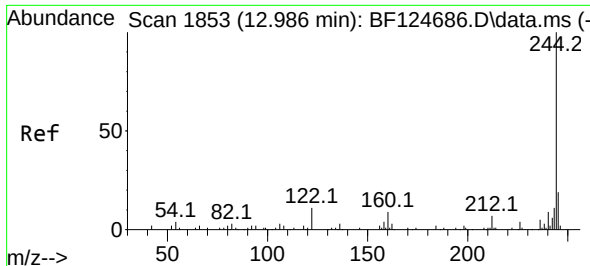
Tgt Ion:240 Resp: 21216
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.6 21.6 32.4



#77
Benzidine
Concen: 2.357 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124820.D
Acq: 28 Jul 2021 10:55

Tgt Ion:184 Resp: 1410
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

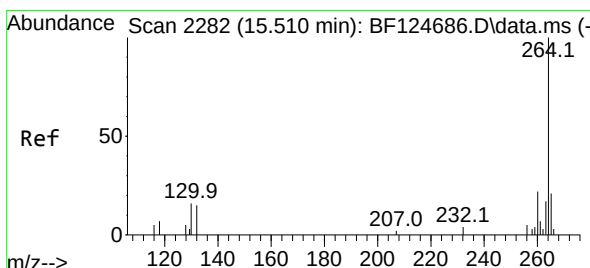
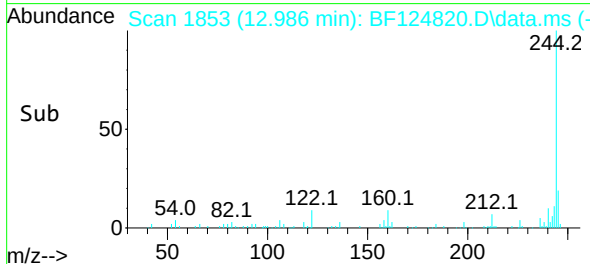
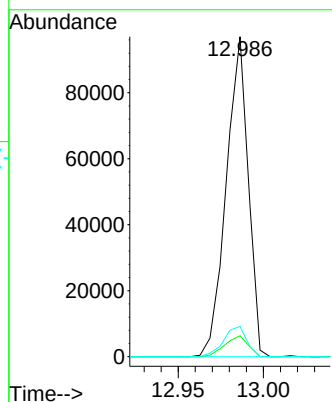
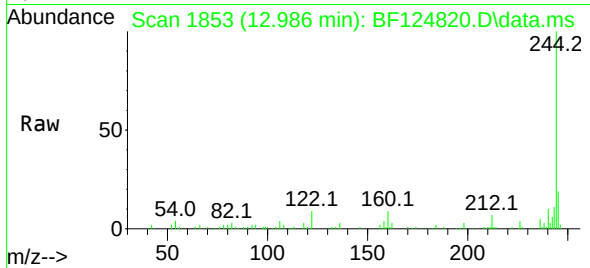




#79
 Terphenyl-d14
 Concen: 70.185 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF124820.D
 Acq: 28 Jul 2021 10:55

Instrument :
 BNA_F
 ClientSampled :
 GS-3

Tgt Ion:244 Resp: 86868
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 9.5 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: BF124820.D
 Acq: 28 Jul 2021 10:55

Tgt Ion:264 Resp: 15920
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.6 29.4
 265 21.9 17.2 25.8

