

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124735.D
 Acq On : 24 Jul 2021 3:18
 Operator : JU/CG
 Sample : M3152-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 04:40:39 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)

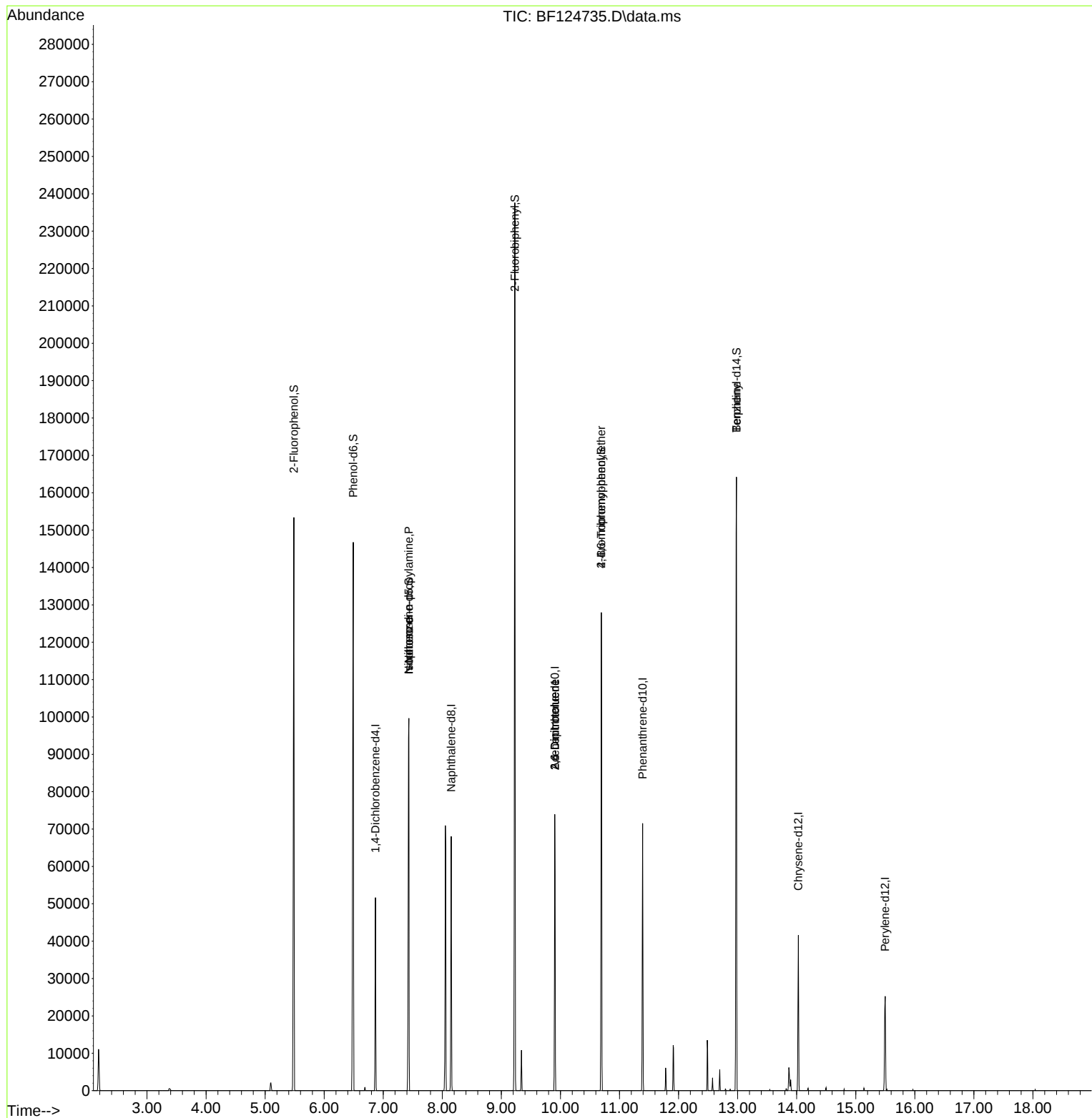
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7097	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28439	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	15686	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	25541	20.00	ng	0.00
76) Chrysene-d12	14.027	240	14148	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	40790	97.31	ng	0.00
7) Phenol-d6	6.492	99	49396	94.00	ng	0.00
23) Nitrobenzene-d5	7.433	82	31701	66.34	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	12034	89.35	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	66847	62.59	ng	0.00
79) Terphenyl-d14	12.980	244	56843	68.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	4076	14.53	ng	Qvalue # 74
25) Isophorone	7.433	82	31700	37.52	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1890	7.92	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1890	5.84	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	948	3.50	ng	# 1
77) Benzidine	12.980	184	821	2.06	ng	# 69

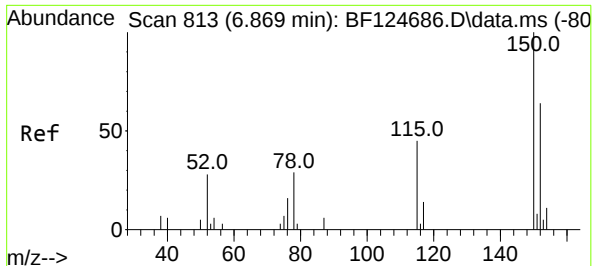
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

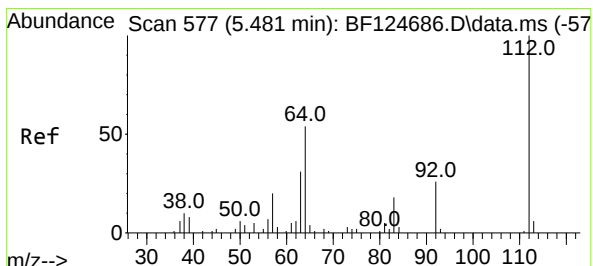
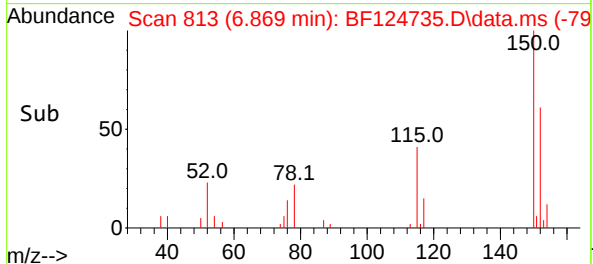
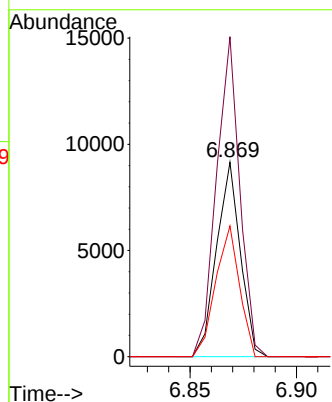
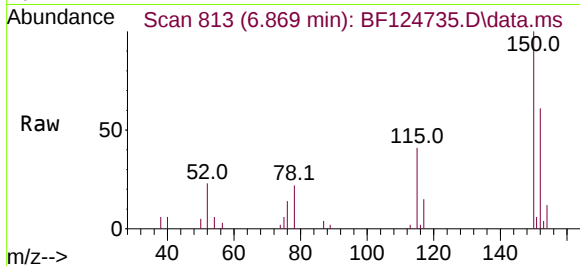




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

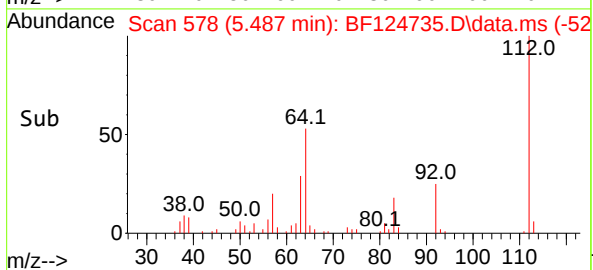
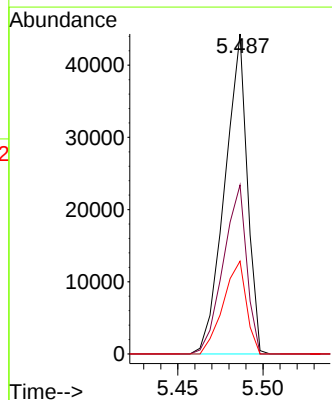
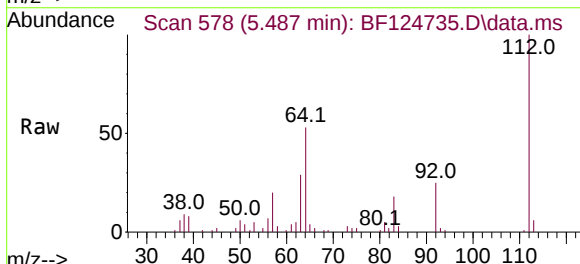
Instrument :
BNA_F
ClientSampled :

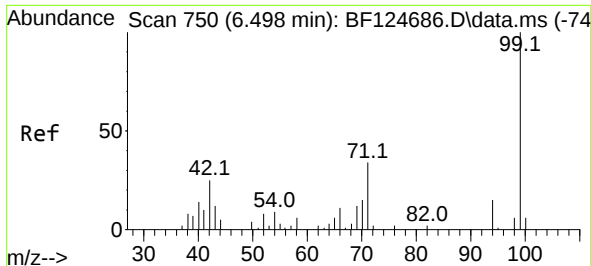
Tgt Ion:152 Resp: 7097
Ion Ratio Lower Upper
152 100
150 164.6 117.6 176.4
115 67.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.31 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:112 Resp: 40790
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 29.0 26.2 39.2

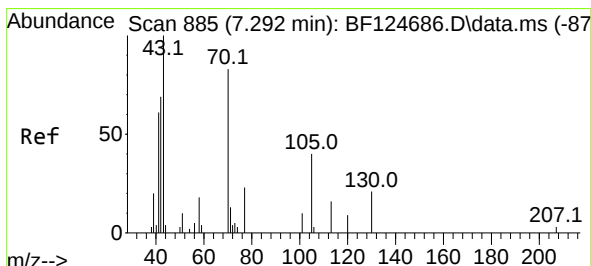
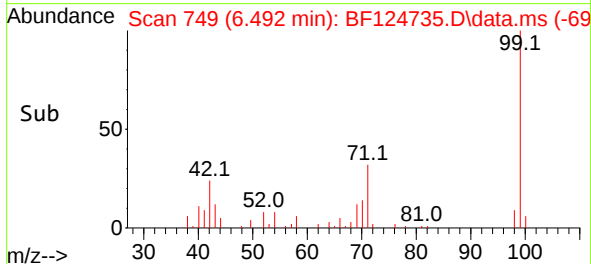
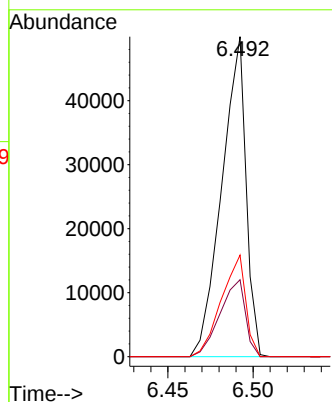
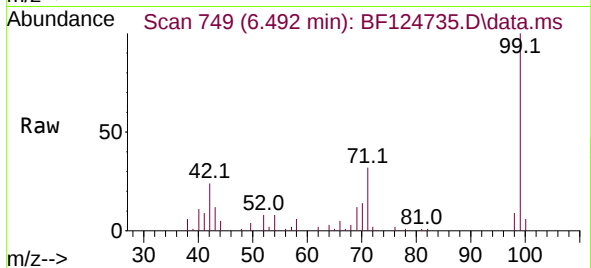




#7
Phenol-d6
Concen: 94.00 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

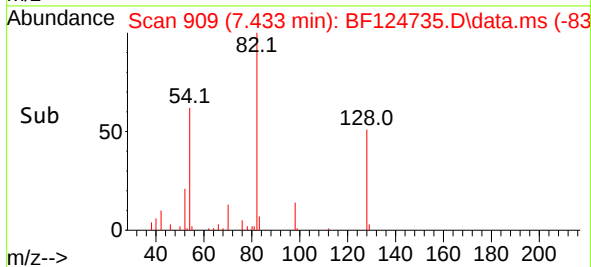
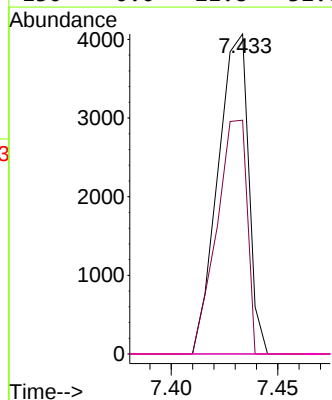
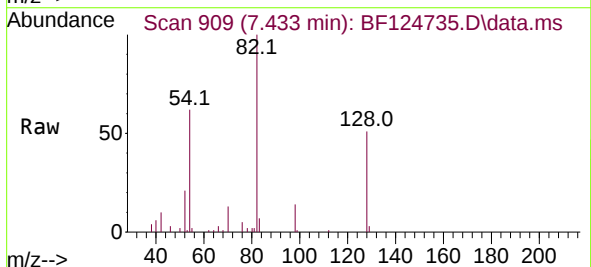
Instrument :
BNA_F
ClientSampled :

Tgt Ion:	99	Resp:	49396
Ion	Ratio	Lower	Upper
99	100		
42	24.1	23.5	35.3
71	31.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.53 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:	70	Resp:	4076
Ion	Ratio	Lower	Upper
70	100		
42	73.1	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

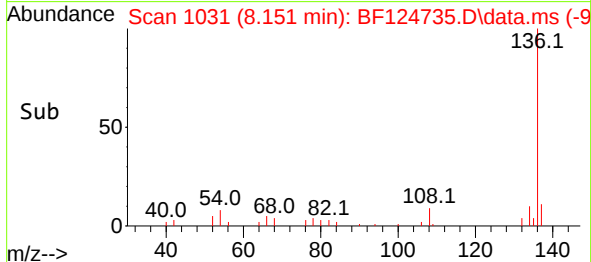
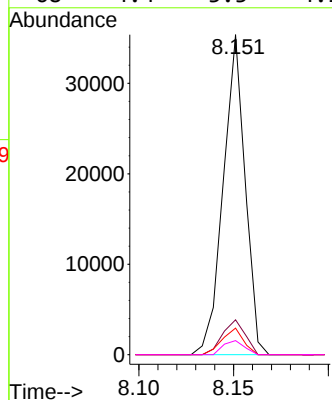
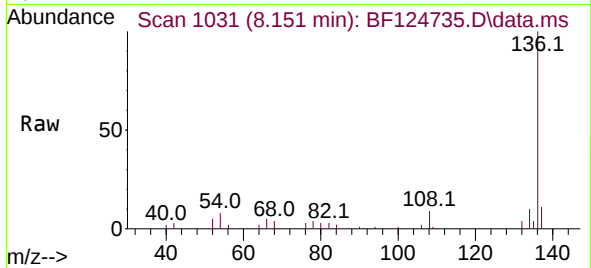




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

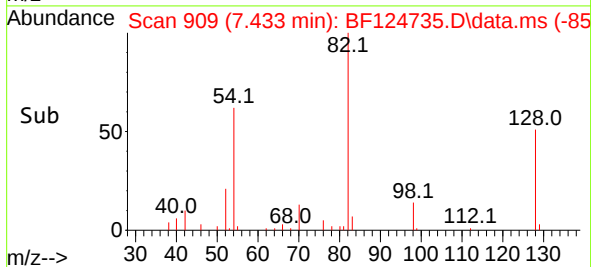
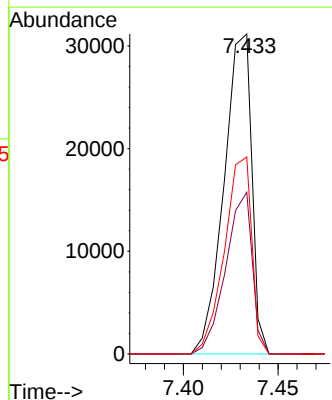
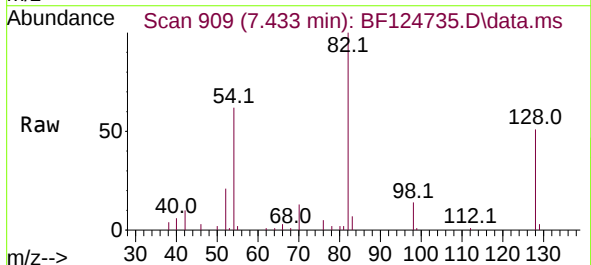
Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	28439
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	8.3	6.4	9.6
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.34 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:	82	Resp:	31701
Ion Ratio	Lower	Upper	
82	100		
128	50.6	40.6	60.8
54	61.6	49.6	74.4

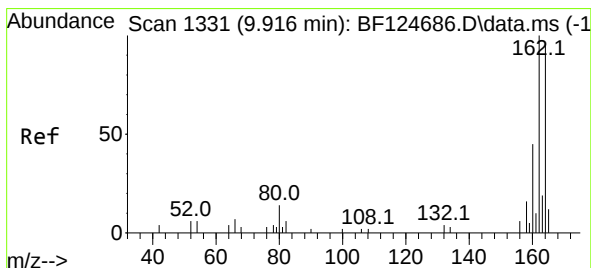
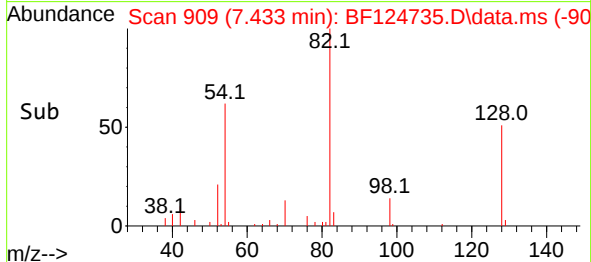
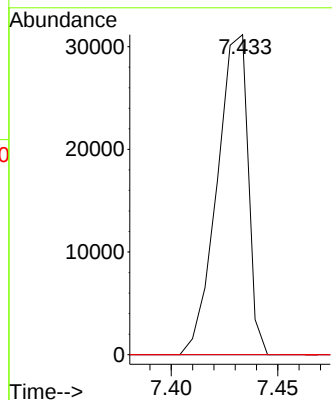
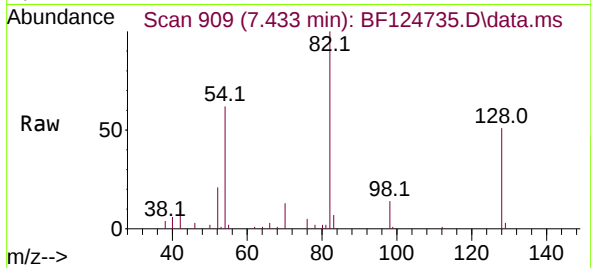




#25
Isophorone
Concen: 37.52 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

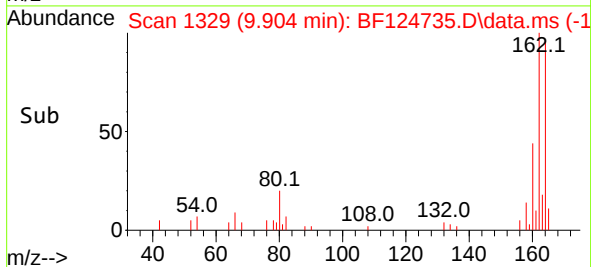
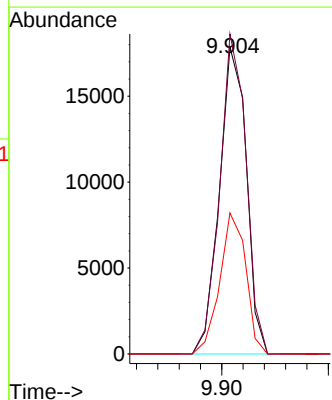
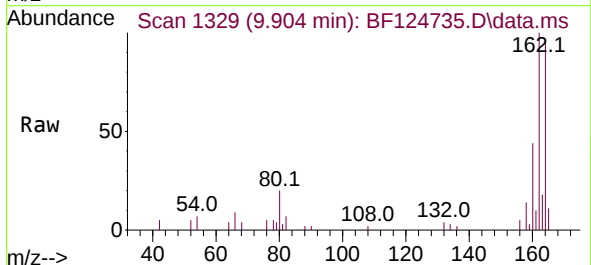
Instrument :
BNA_F
ClientSampleId :

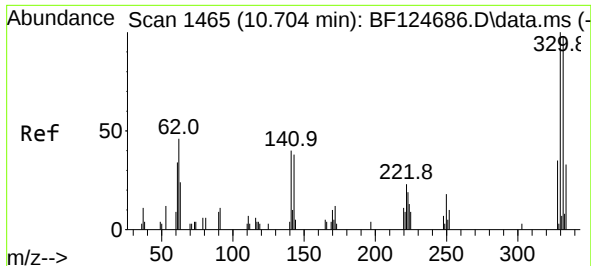
Tgt Ion: 82 Resp: 31700
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

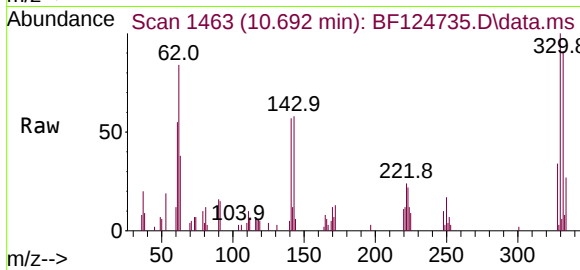
Tgt Ion: 164 Resp: 15686
Ion Ratio Lower Upper
164 100
162 104.3 81.3 121.9
160 45.9 38.0 57.0



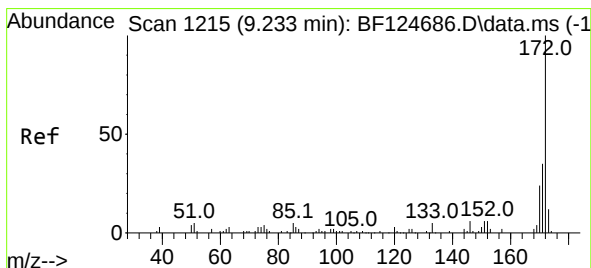
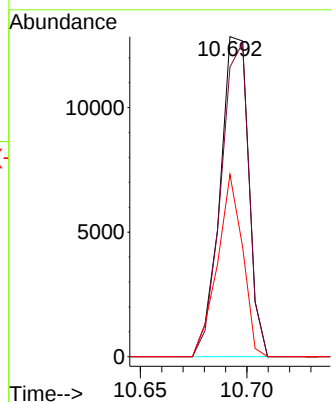
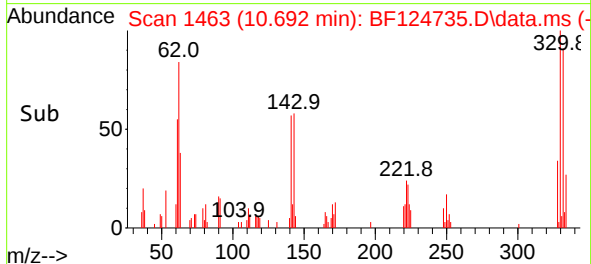


#42
2,4,6-Tribromophenol
Concen: 89.35 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

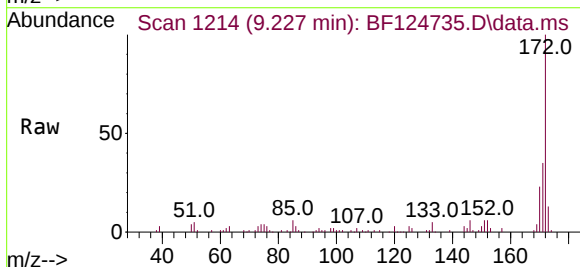
Instrument :
BNA_F
ClientSampled :



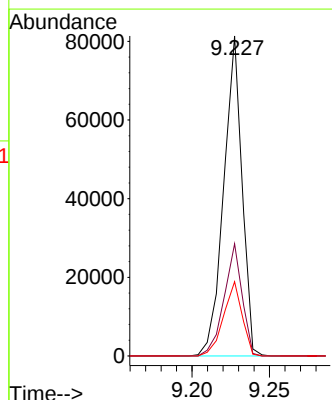
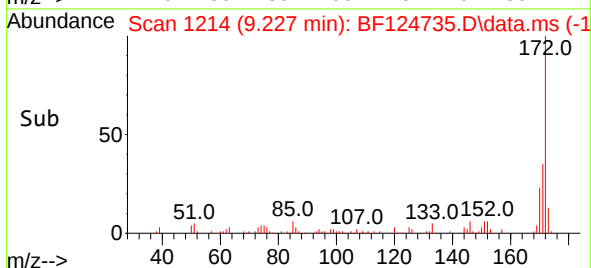
Tgt Ion: 330 Resp: 12034
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 50.1 44.6 66.8

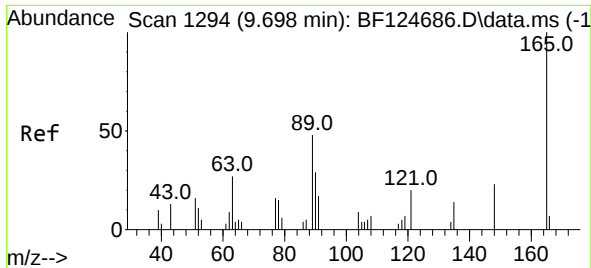


#45
2-Fluorobiphenyl
Concen: 62.59 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18



Tgt Ion: 172 Resp: 66847
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.2 18.8 28.2

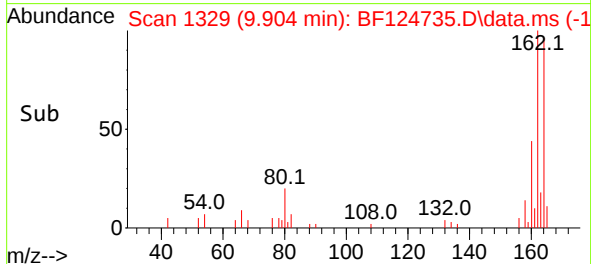
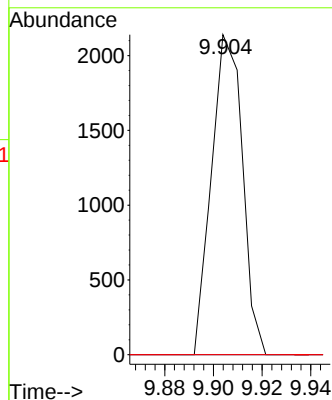
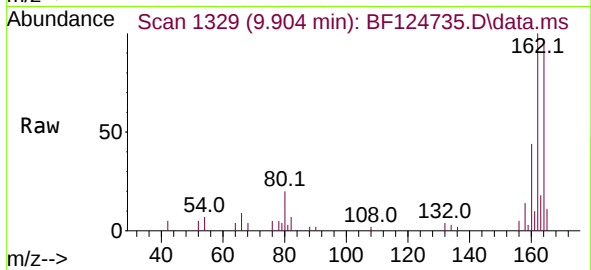




#51
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

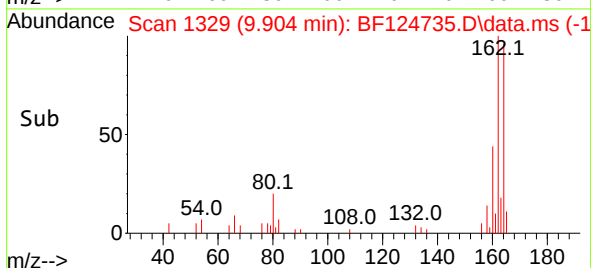
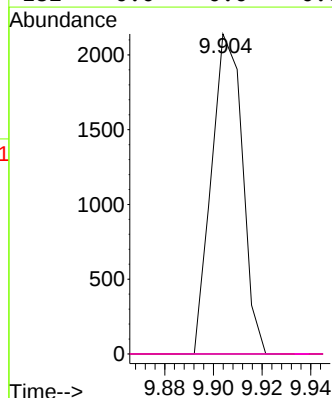
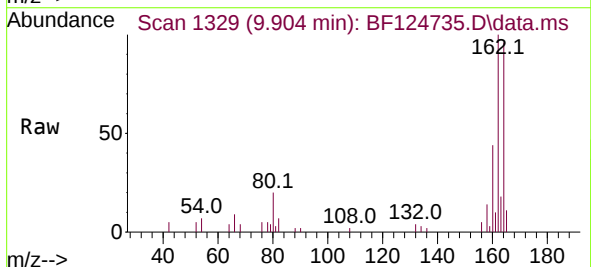
Instrument :
BNA_F
ClientSampled :

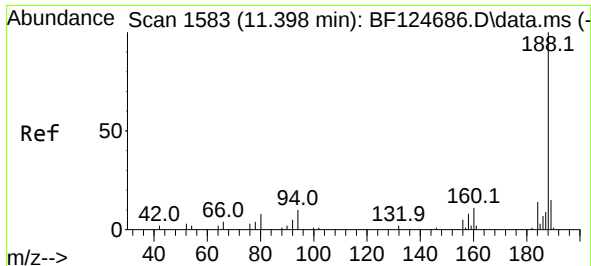
Tgt Ion:165 Resp: 1890
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:165 Resp: 1890
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

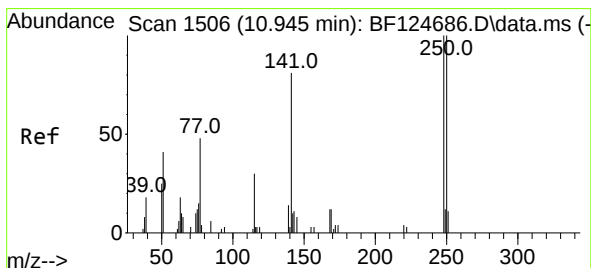
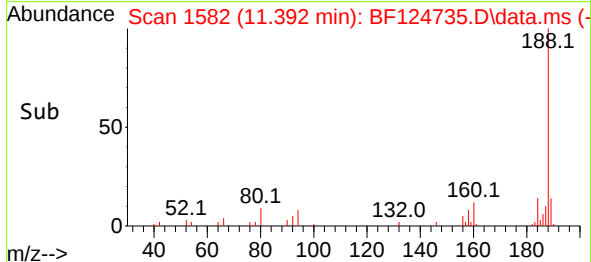
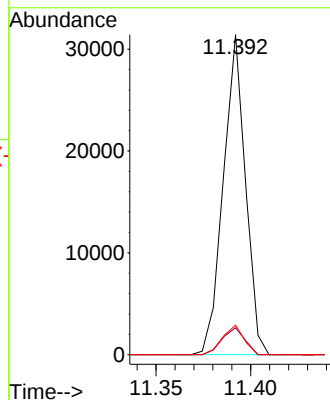
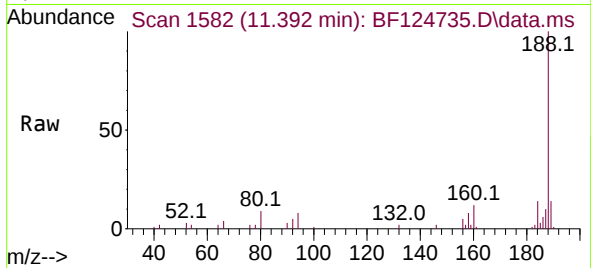




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

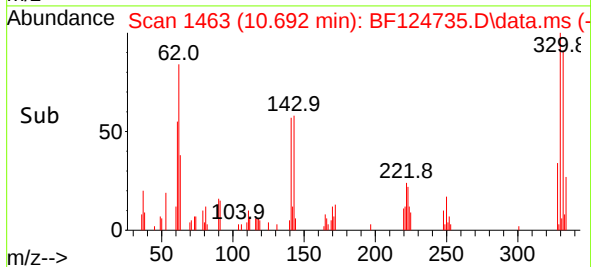
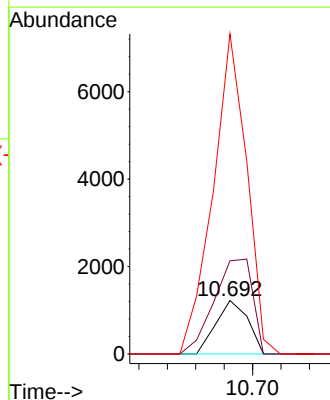
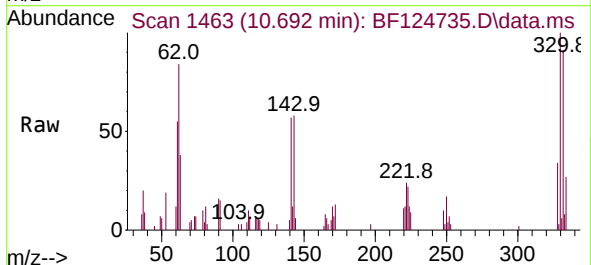
Instrument :
BNA_F
ClientSampleId :

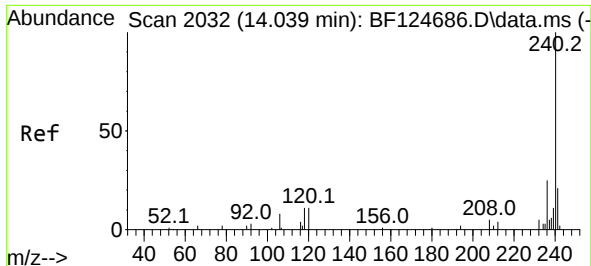
Tgt Ion:188 Resp: 25541
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:248 Resp: 948
Ion Ratio Lower Upper
248 100
250 173.9 74.2 111.4#
141 598.0 60.4 90.6#

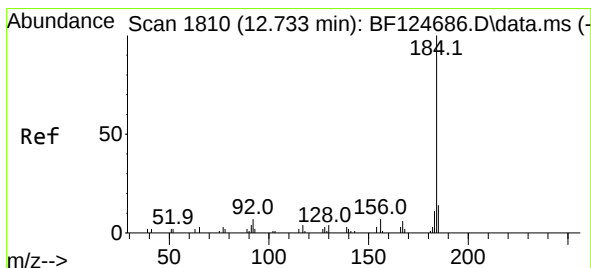
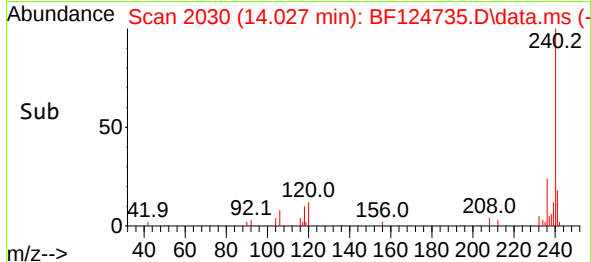
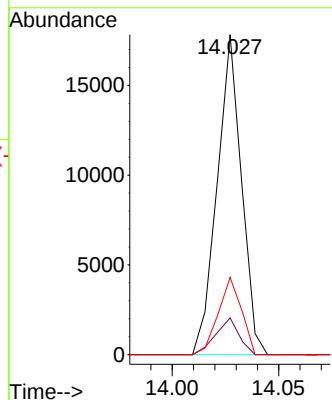
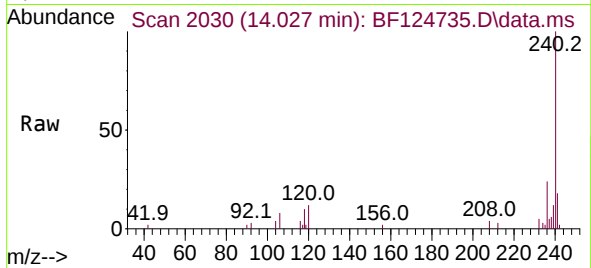




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

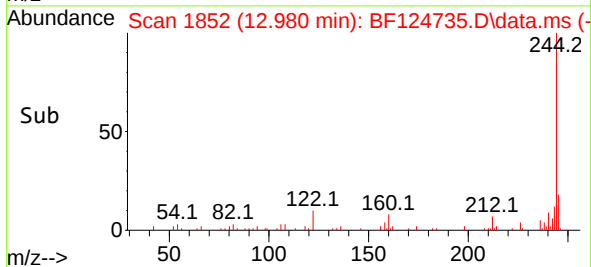
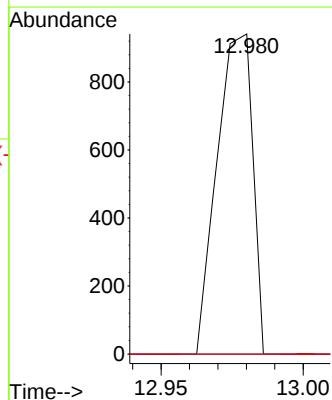
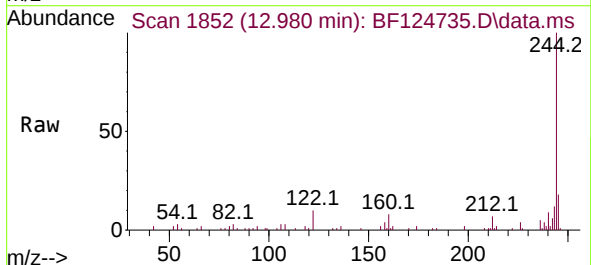
Instrument :
BNA_F
ClientSampleId :

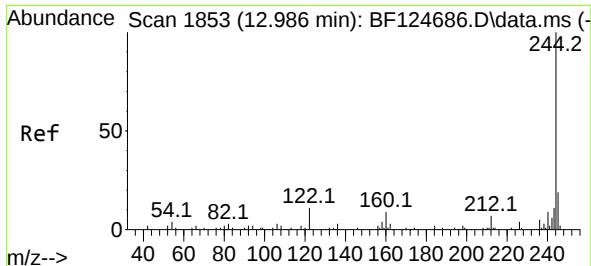
Tgt Ion:240 Resp: 14148
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 24.1 21.6 32.4



#77
Benzidine
Concen: 2.06 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124735.D
Acq: 24 Jul 2021 3:18

Tgt Ion:184 Resp: 821
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

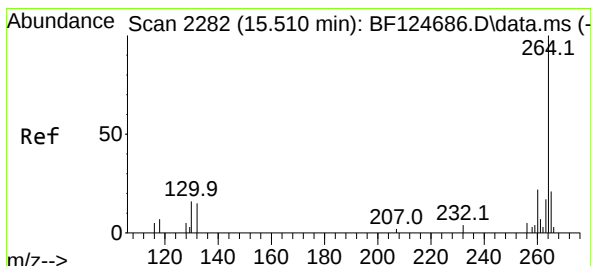
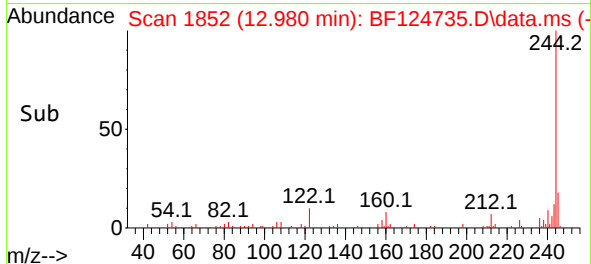
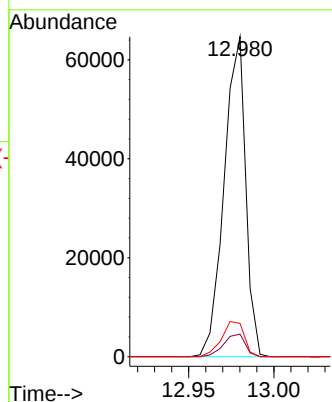
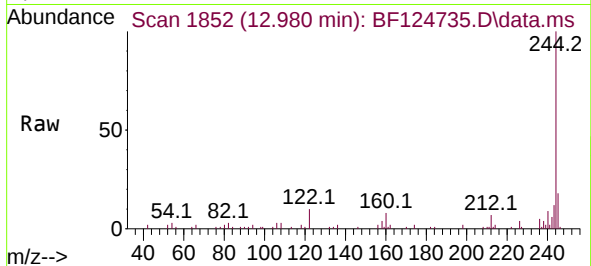




#79
 Terphenyl-d14
 Concen: 68.87 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124735.D
 Acq: 24 Jul 2021 3:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 56843
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124735.D
 Acq: 24 Jul 2021 3:18

Tgt Ion:264 Resp: 12517
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.6 29.4
 265 20.9 17.2 25.8

