

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124696.D
 Acq On : 22 Jul 2021 18:53
 Operator : JU/CG
 Sample : M3135-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Jul 23 02:05:57 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)

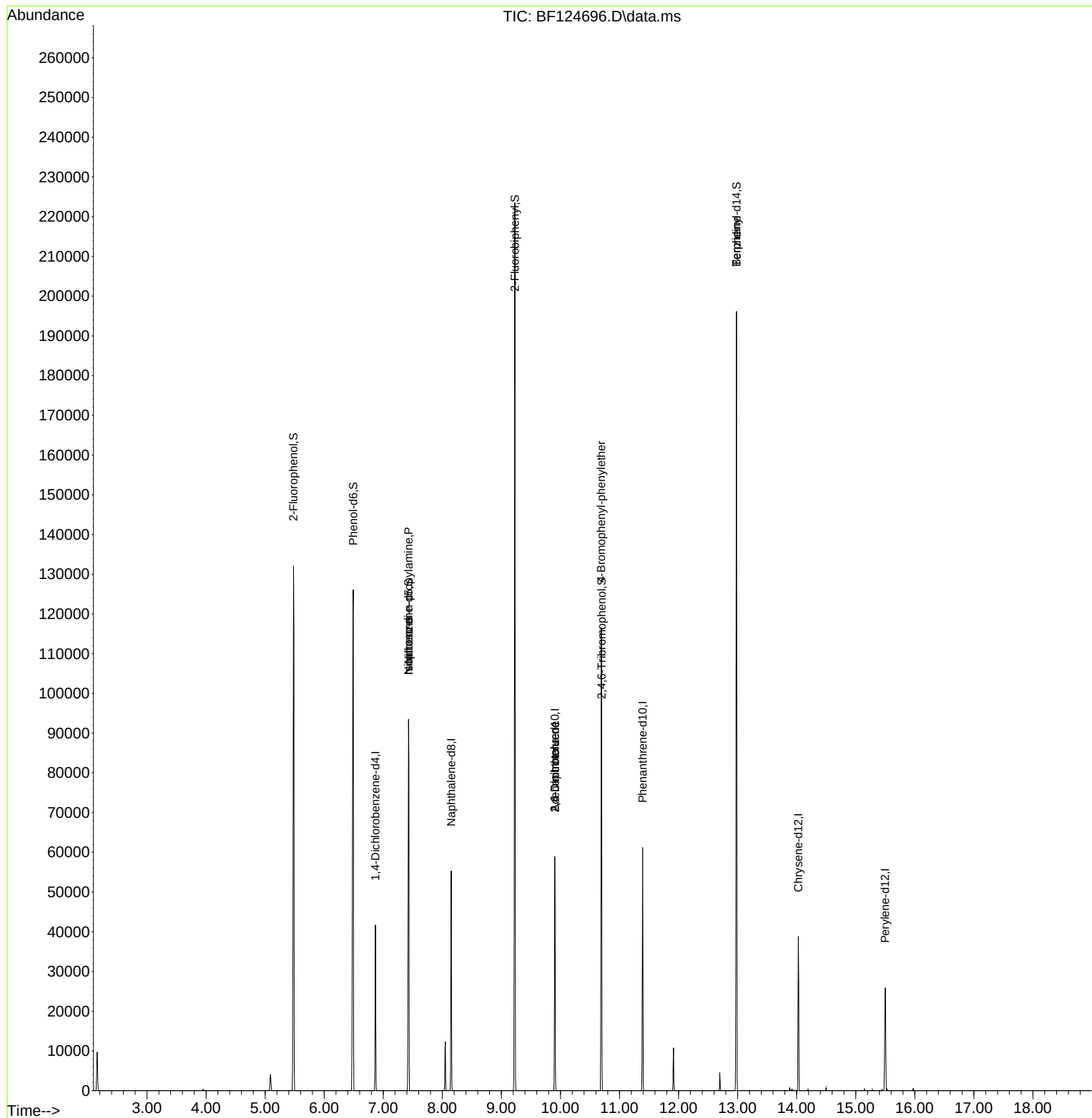
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5896	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22439	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12431	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	21407	20.00	ng	0.00
76) Chrysene-d12	14.027	240	13919	20.00	ng	-0.01
86) Perylene-d12	15.498	264	13046	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	38973	111.92	ng	0.00
7) Phenol-d6	6.492	99	45533	104.30	ng	0.00
23) Nitrobenzene-d5	7.428	82	29096	77.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11774	110.31	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	62582	73.94	ng	0.00
79) Terphenyl-d14	12.980	244	60161	74.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	3844	16.49	ng	# 76
25) Isophorone	7.428	82	29095	43.64	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1661	8.78	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1661	6.47	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	932	4.11	ng	# 1
77) Benzidine	12.980	184	1068	2.72	ng	# 69

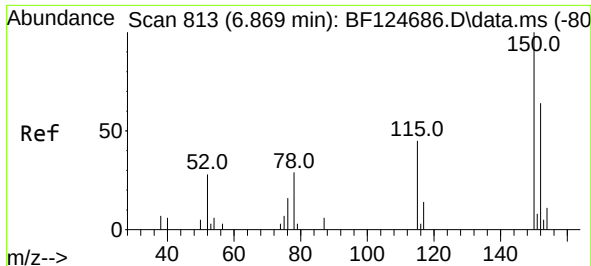
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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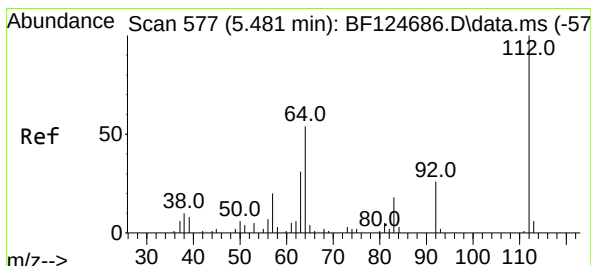
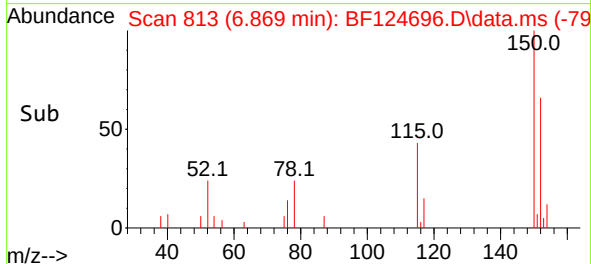
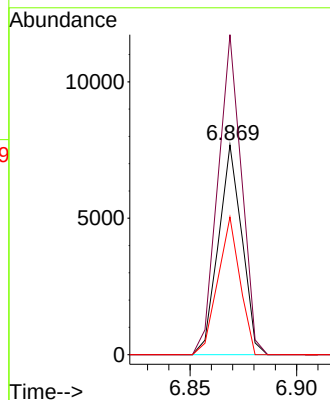
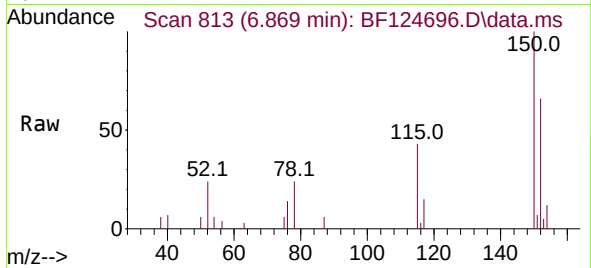




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

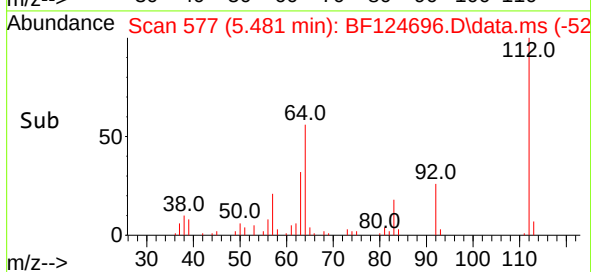
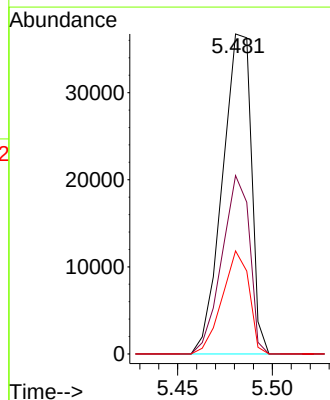
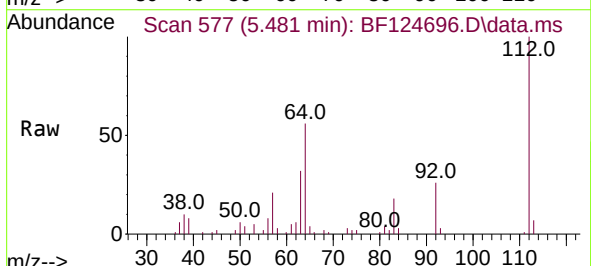
Instrument :
BNA_F
ClientSampled :
TP-B

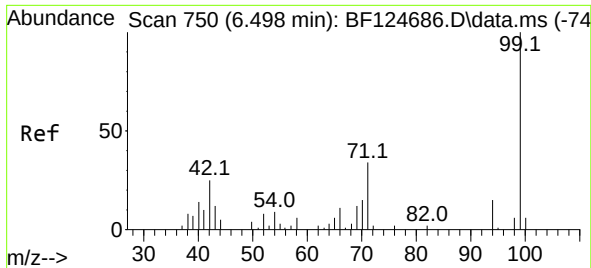
Tgt Ion:152 Resp: 5896
Ion Ratio Lower Upper
152 100
150 152.6 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 111.92 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion:112 Resp: 38973
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 32.2 26.2 39.2

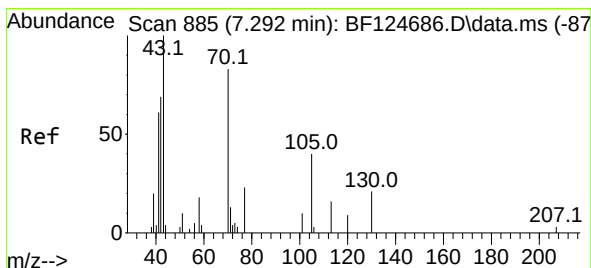
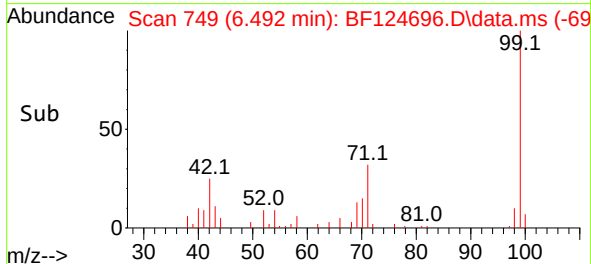
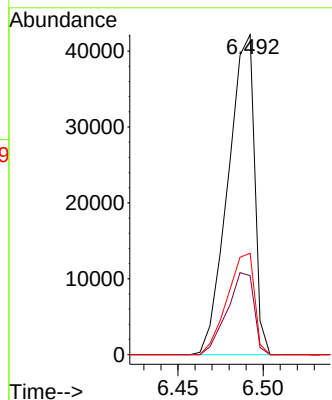
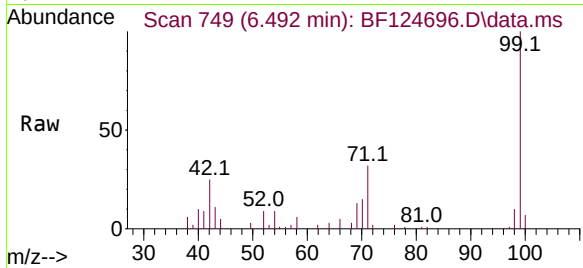




#7
Phenol-d6
Concen: 104.30 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

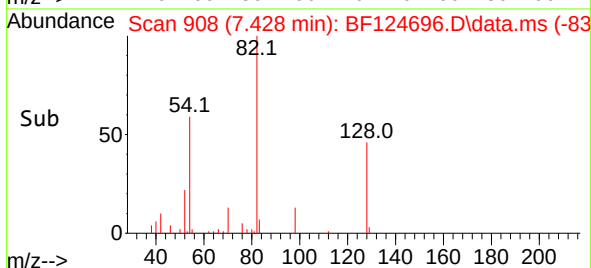
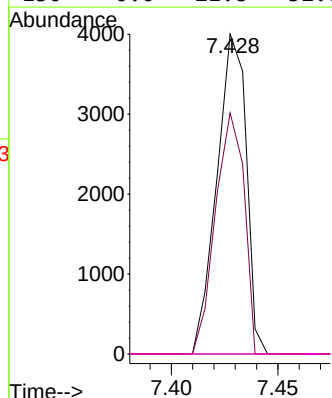
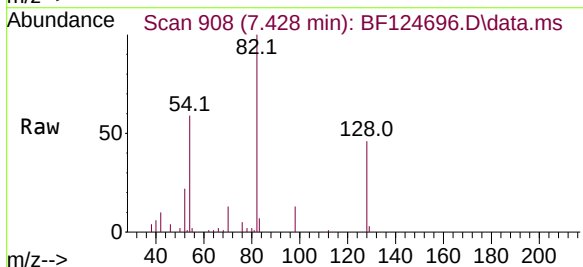
Instrument :
BNA_F
ClientSampleId :
TP-B

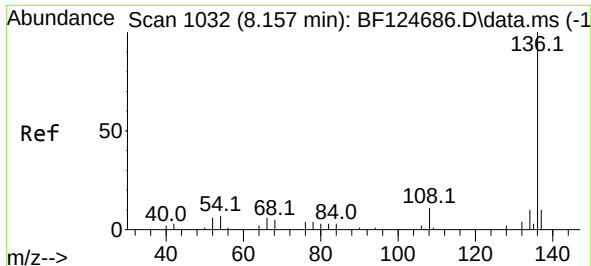
Tgt Ion:	99	Resp:	45533
Ion	Ratio	Lower	Upper
99	100		
42	24.7	23.5	35.3
71	31.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.49 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion:	70	Resp:	3844
Ion	Ratio	Lower	Upper
70	100		
42	75.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

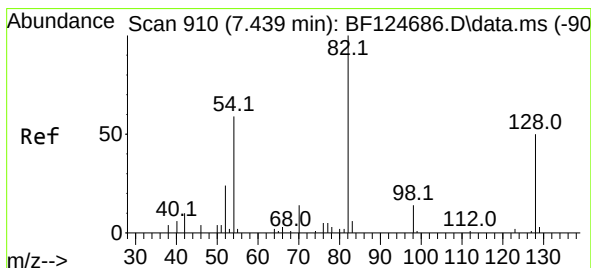
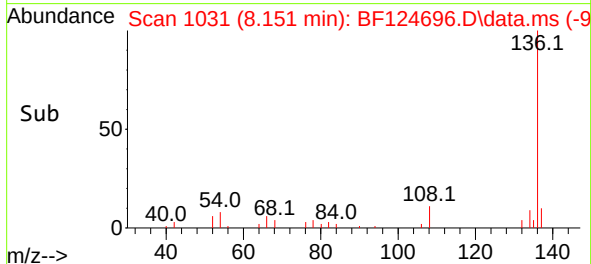
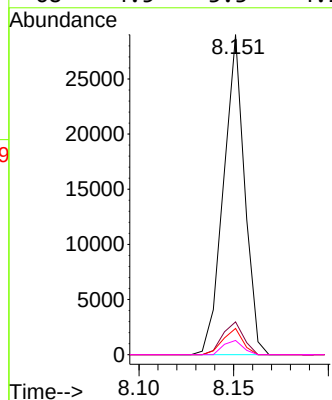
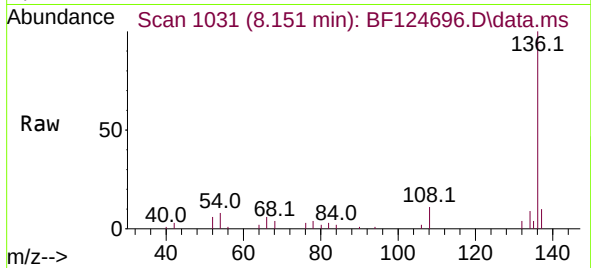




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

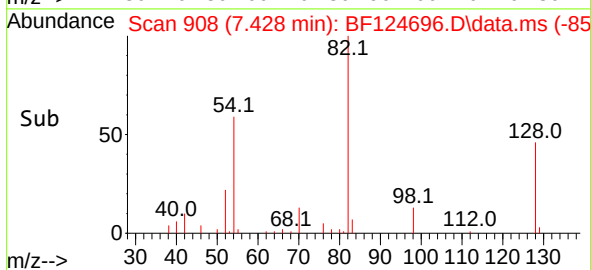
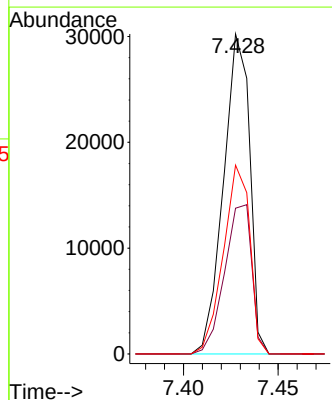
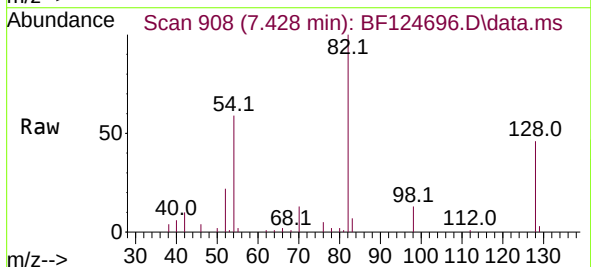
Instrument :
BNA_F
ClientSampled :
TP-B

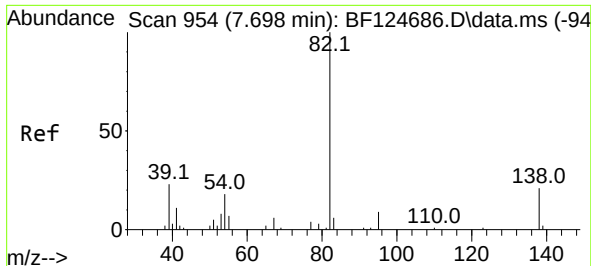
Tgt Ion:136	Resp:	22439
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.8 14.6
54	8.2	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion: 82	Resp:	29096
Ion Ratio	Lower	Upper
82	100	
128	45.5	40.6 60.8
54	59.0	49.6 74.4

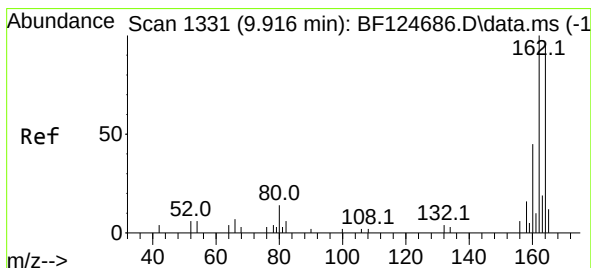
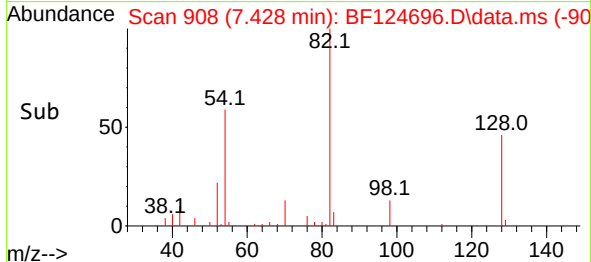
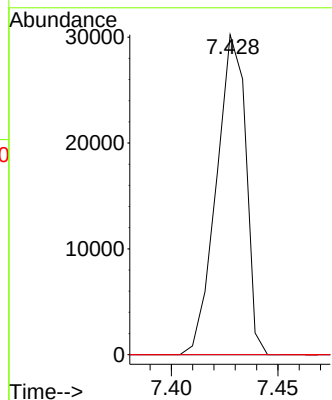
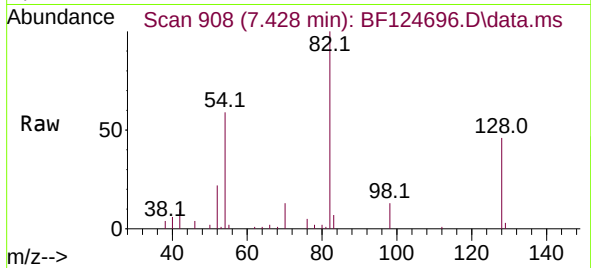




#25
Isophorone
Concen: 43.64 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

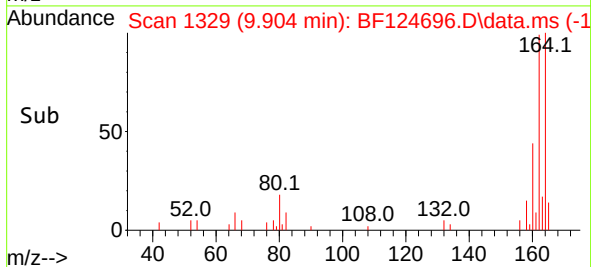
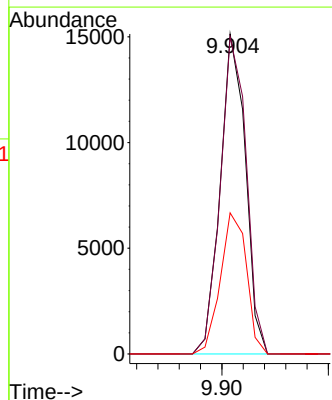
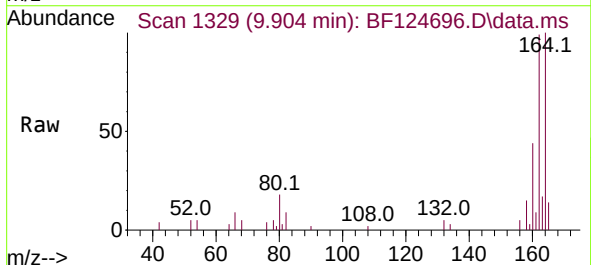
Instrument :
BNA_F
ClientSampleId :
TP-B

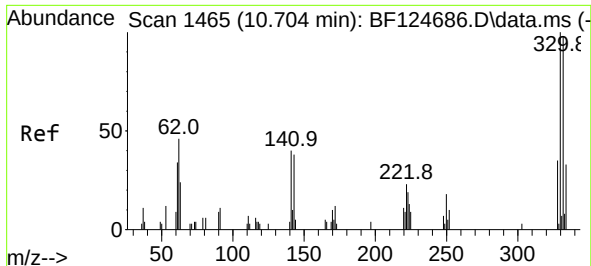
Tgt Ion: 82 Resp: 29095
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion: 164 Resp: 12431
Ion Ratio Lower Upper
164 100
162 99.1 81.3 121.9
160 44.1 38.0 57.0

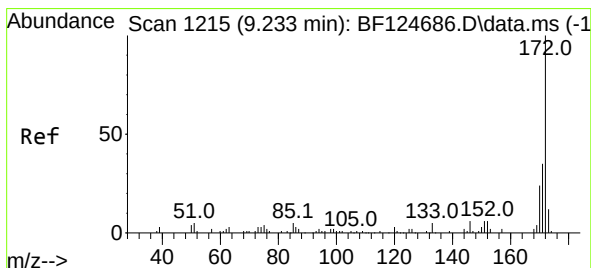
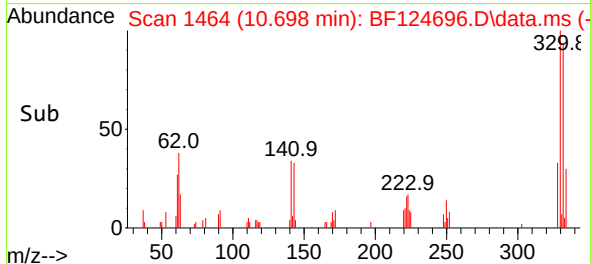
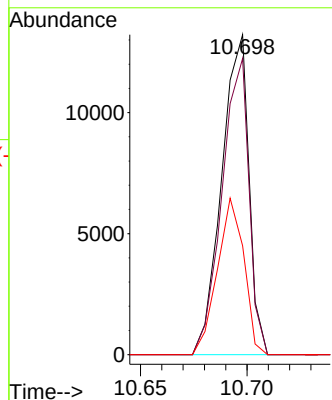
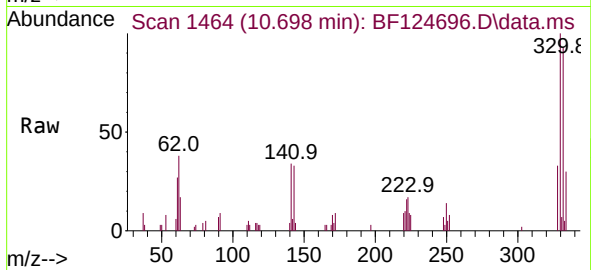




#42
2,4,6-Tribromophenol
Concen: 110.31 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

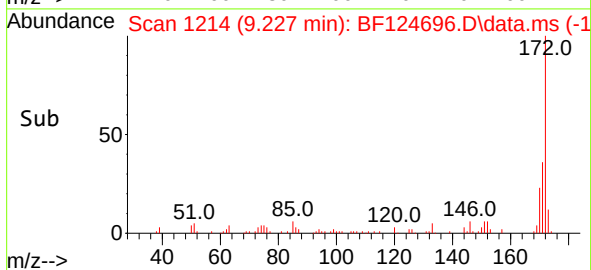
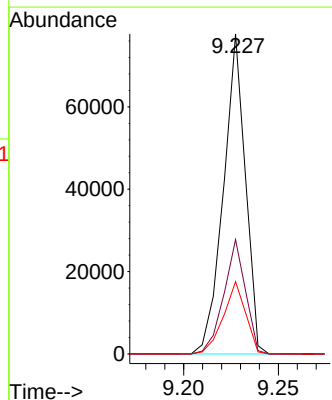
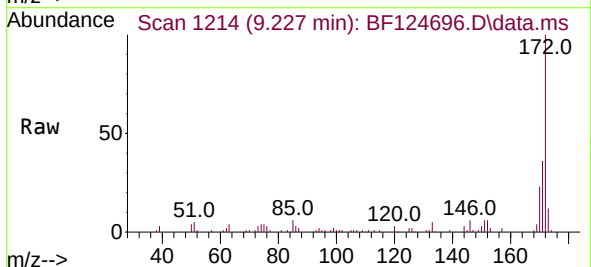
Instrument :
BNA_F
ClientSampled :
TP-B

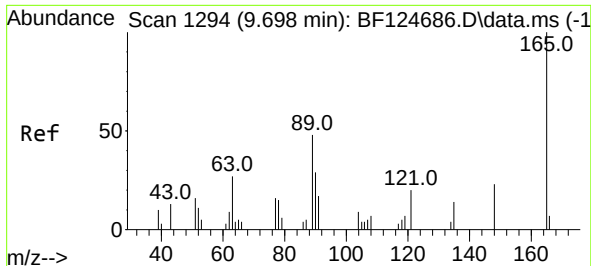
Tgt Ion: 330 Resp: 11774
Ion Ratio Lower Upper
330 100
332 91.8 76.2 114.4
141 47.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 73.94 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion: 172 Resp: 62582
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 22.6 18.8 28.2

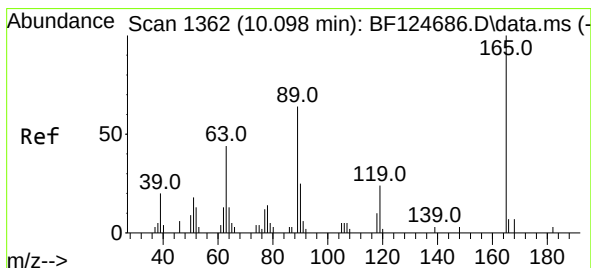
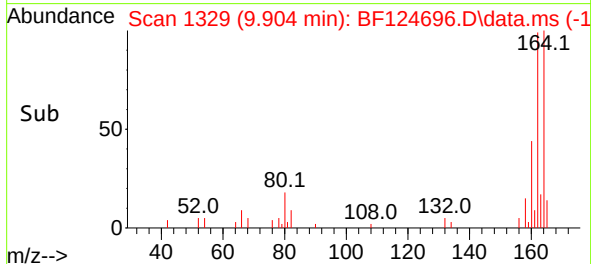
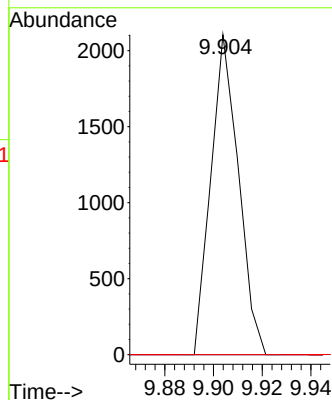
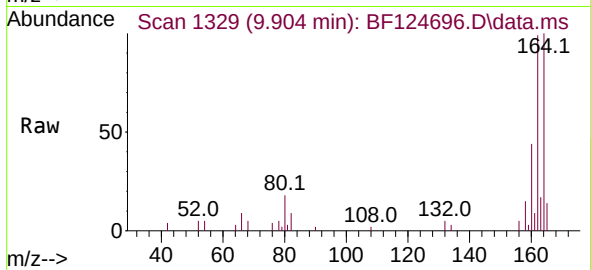




#51
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

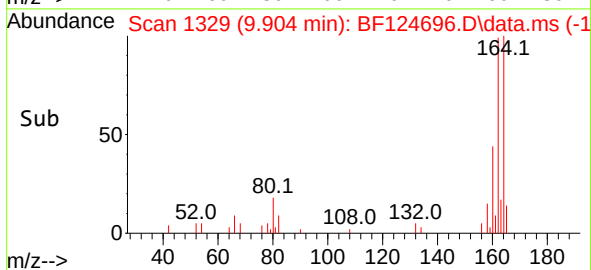
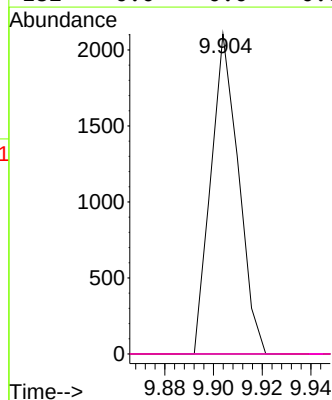
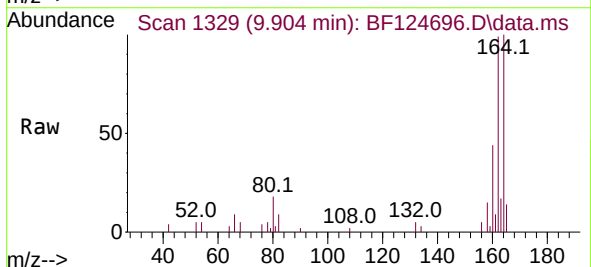
Instrument :
BNA_F
ClientSampled :
TP-B

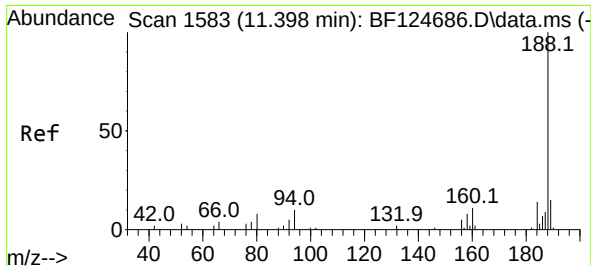
Tgt Ion:165 Resp: 1661
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion:165 Resp: 1661
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

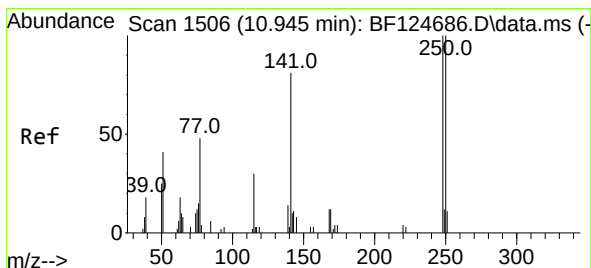
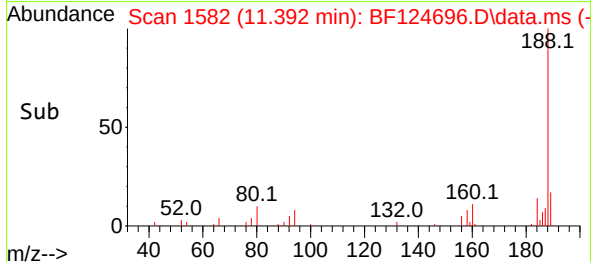
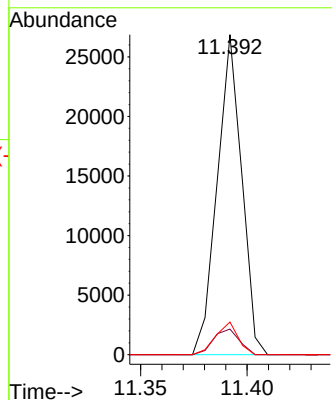
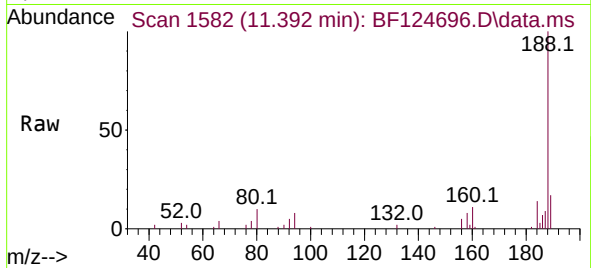




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

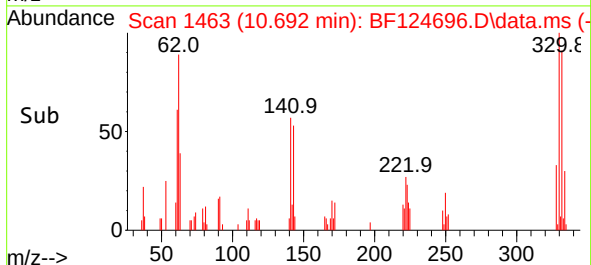
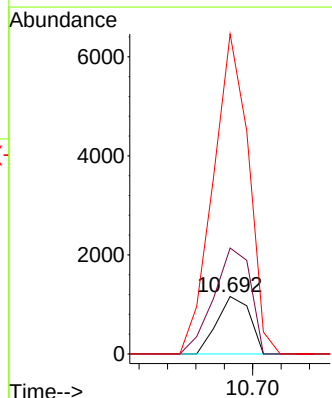
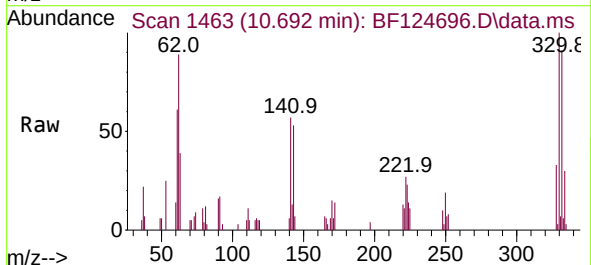
Instrument :
BNA_F
ClientSampled :
TP-B

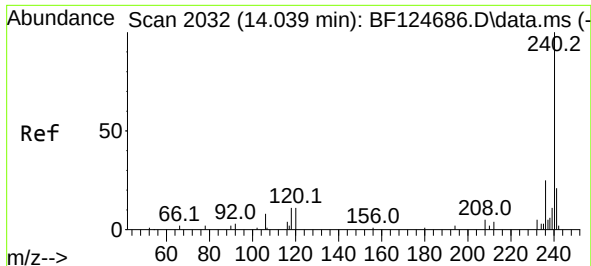
Tgt Ion:188 Resp: 21407
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion:248 Resp: 932
Ion Ratio Lower Upper
248 100
250 143.9 74.2 111.4#
141 434.9 60.4 90.6#

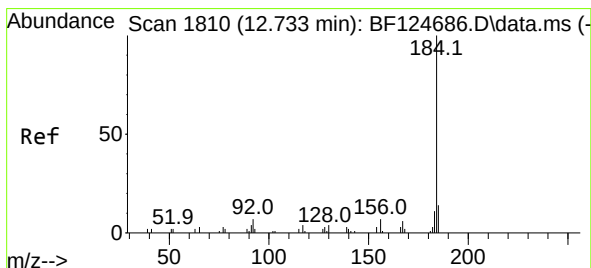
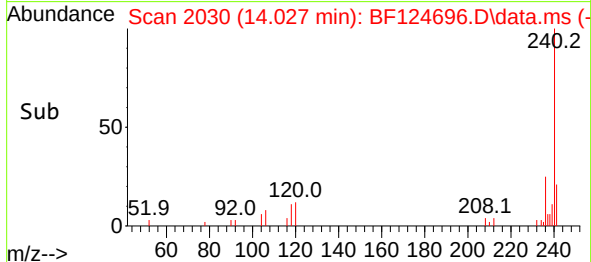
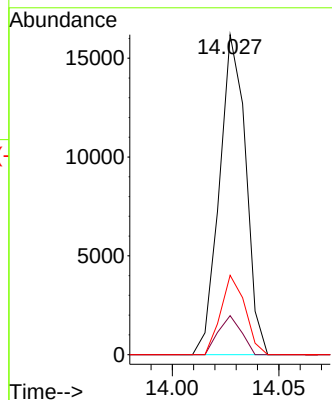
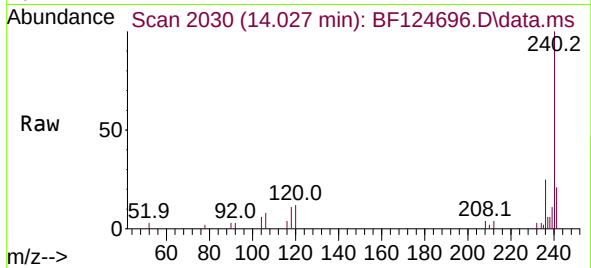




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

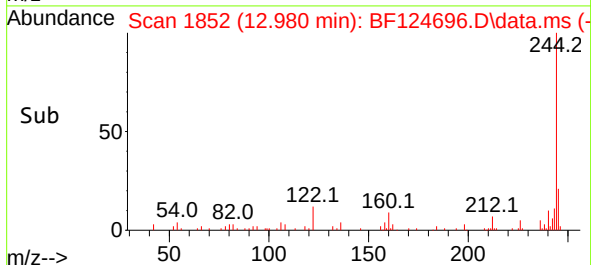
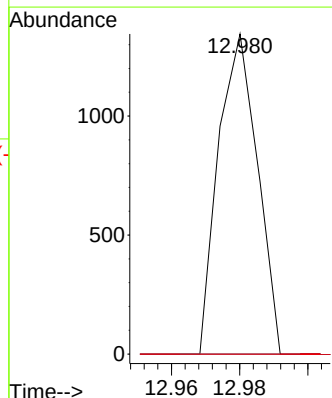
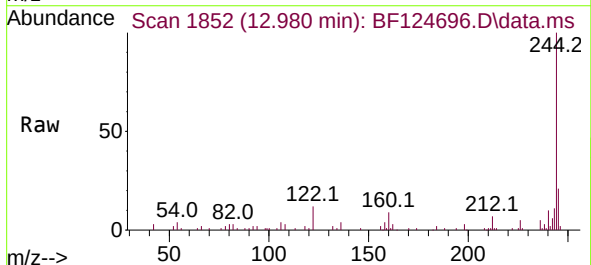
Instrument :
BNA_F
ClientSampled :
TP-B

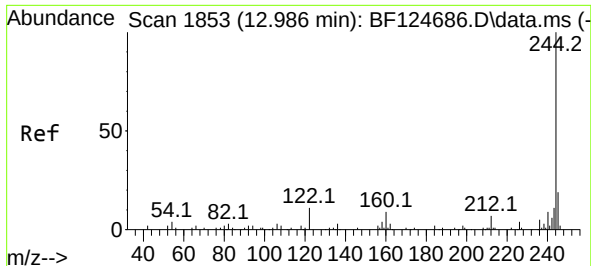
Tgt Ion:240	Resp:	13919
Ion Ratio	Lower	Upper
240	100	
120	12.2	10.8 16.2
236	24.8	21.6 32.4



#77
Benzidine
Concen: 2.72 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124696.D
Acq: 22 Jul 2021 18:53

Tgt Ion:184	Resp:	1068
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

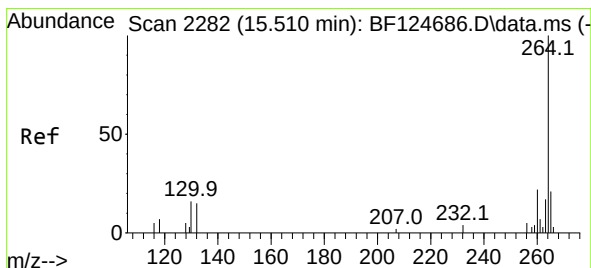
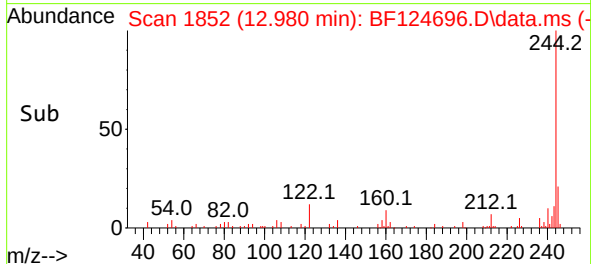
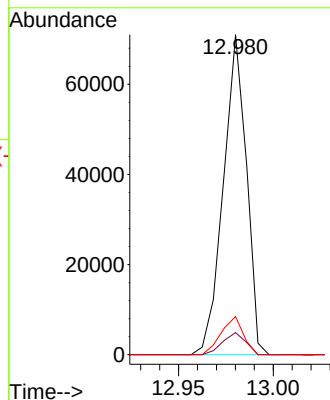
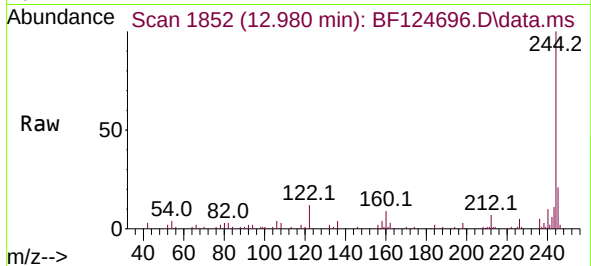




#79
 Terphenyl-d14
 Concen: 74.09 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124696.D
 Acq: 22 Jul 2021 18:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Tgt Ion:244 Resp: 60161
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.9 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: BF124696.D
 Acq: 22 Jul 2021 18:53

Tgt Ion:264 Resp: 13046
 Ion Ratio Lower Upper
 264 100
 260 20.9 19.6 29.4
 265 21.9 17.2 25.8

