

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124697.D
 Acq On : 22 Jul 2021 19:25
 Operator : JU/CG
 Sample : M3135-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-L

Quant Time: Jul 23 02:06:04 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)

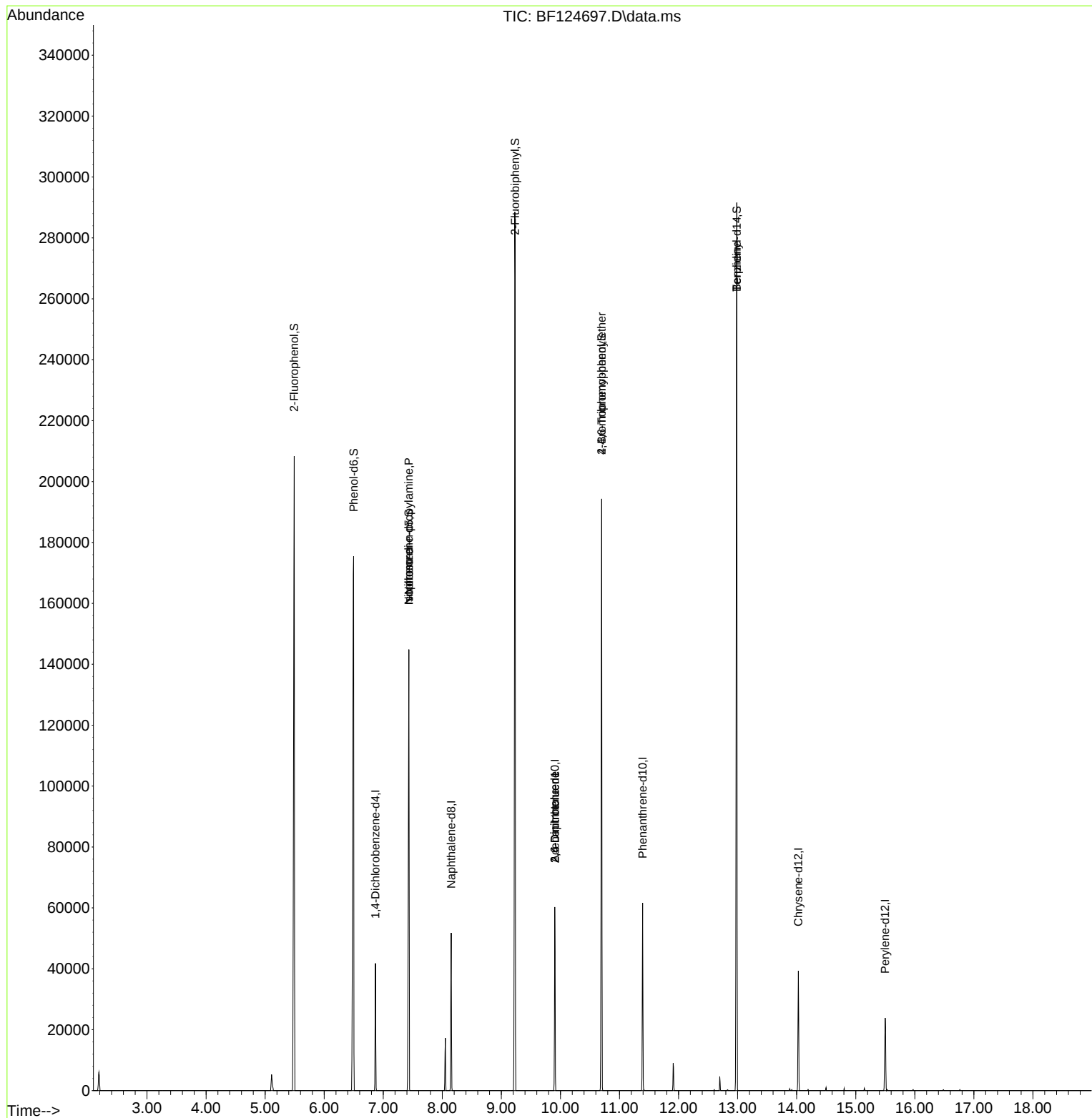
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5837	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22135	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12459	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	21250	20.00	ng	0.00
76) Chrysene-d12	14.027	240	13649	20.00	ng	-0.01
86) Perylene-d12	15.498	264	11979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	61304	177.83	ng	0.01
7) Phenol-d6	6.498	99	71831	166.20	ng	0.00
23) Nitrobenzene-d5	7.434	82	45059	121.16	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	18361	171.64	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	99177	116.92	ng	0.00
79) Terphenyl-d14	12.986	244	100272	125.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	5970	25.87	ng	Qvalue
25) Isophorone	7.434	82	45058	68.52	ng	# 71
51) 2,6-Dinitrotoluene	9.904	165	1365	7.20	ng	# 59
57) 2,4-Dinitrotoluene	9.904	165	1365	5.31	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	1587	7.04	ng	# 18
77) Benzidine	12.986	184	1516	3.94	ng	# 1

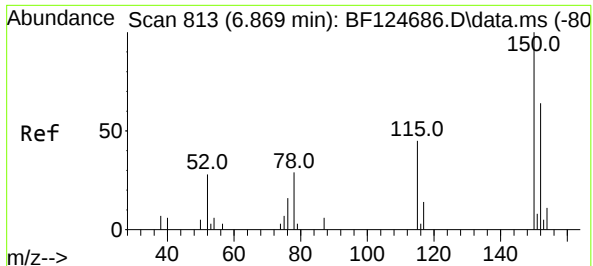
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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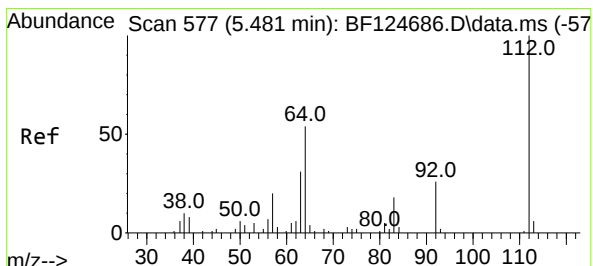
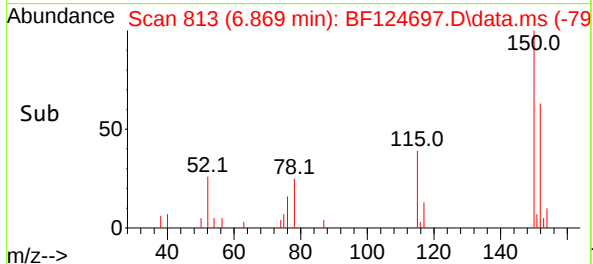
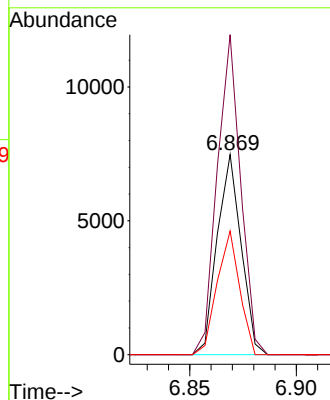
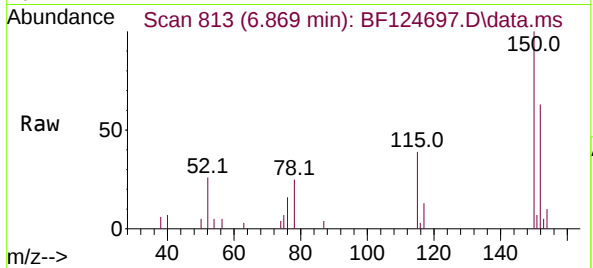




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

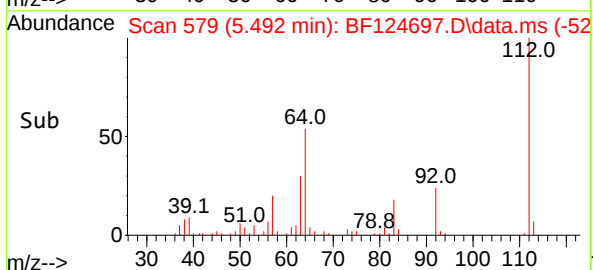
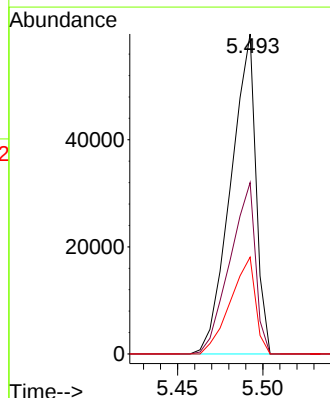
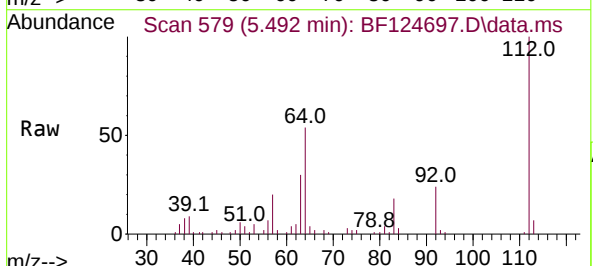
Instrument :
BNA_F
ClientSampleId :
TP-L

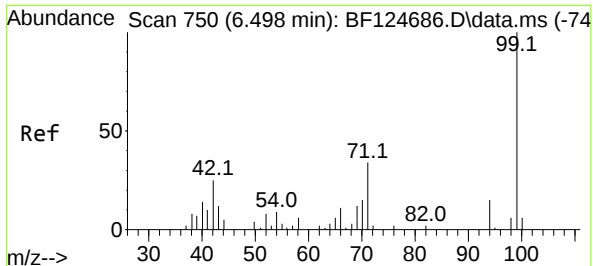
Tgt Ion:152 Resp: 5837
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 177.83 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion:112 Resp: 61304
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 30.3 26.2 39.2

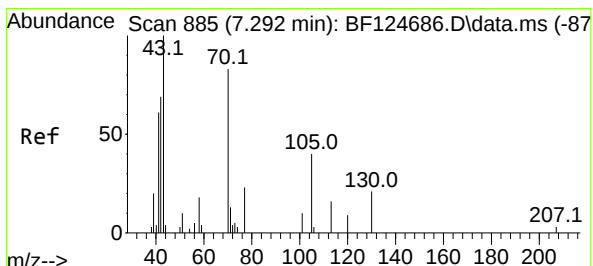
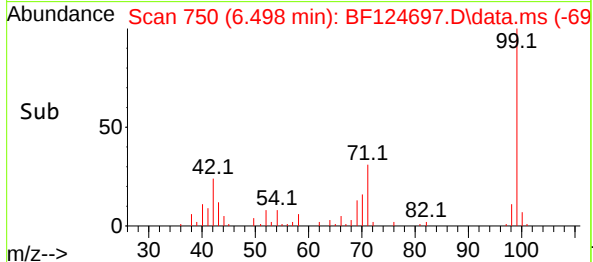
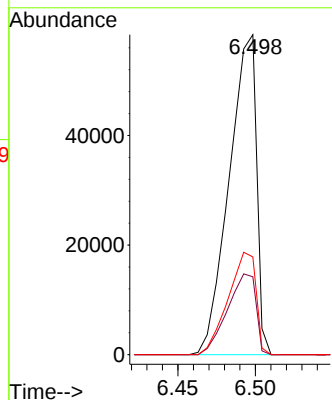
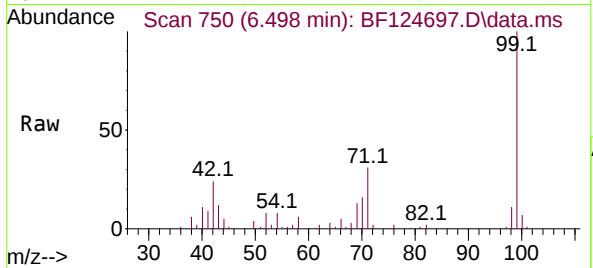




#7
Phenol-d6
Concen: 166.20 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

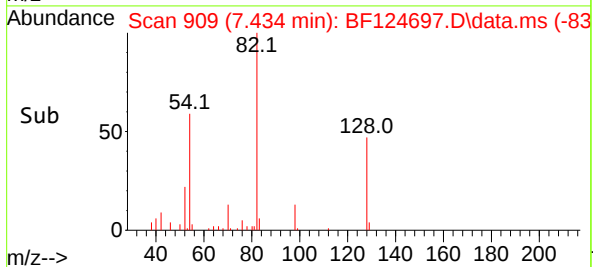
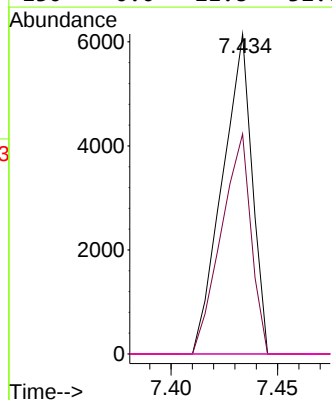
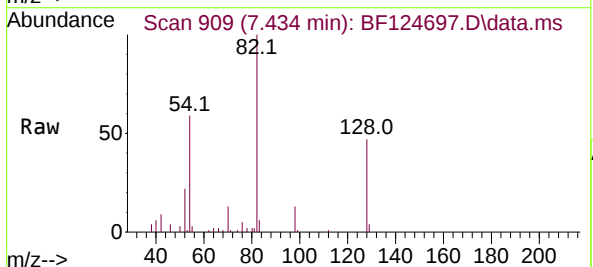
Instrument :
BNA_F
ClientSampled :
TP-L

Tgt Ion:	99	Resp:	71831
Ion	Ratio	Lower	Upper
99	100		
42	24.4	23.5	35.3
71	30.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 25.87 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion:	70	Resp:	5970
Ion	Ratio	Lower	Upper
70	100		
42	68.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

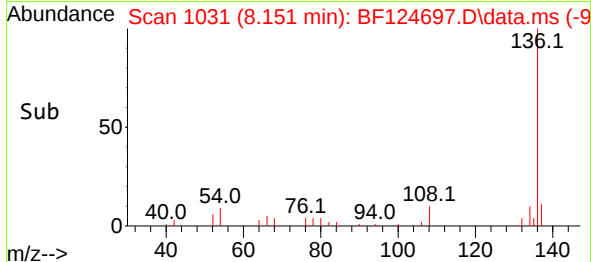
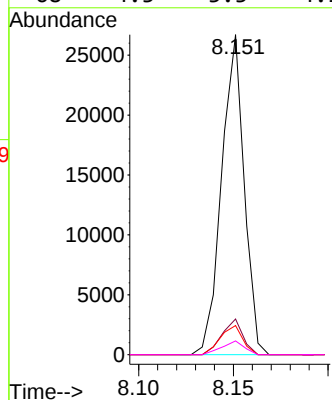
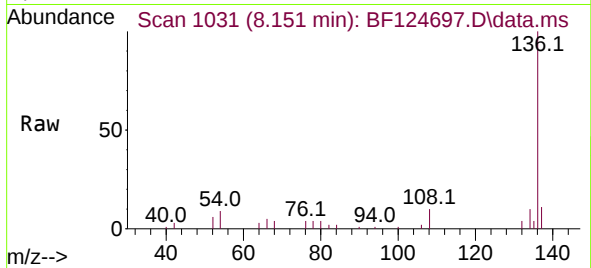




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

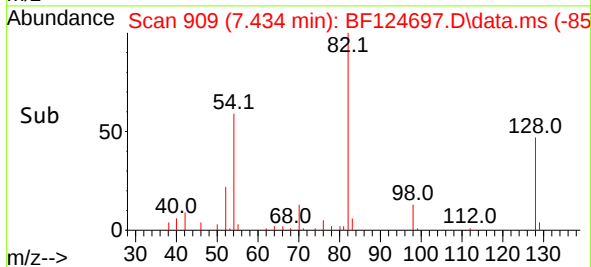
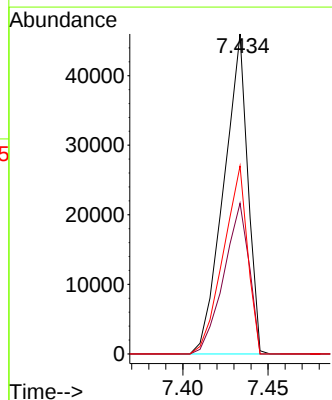
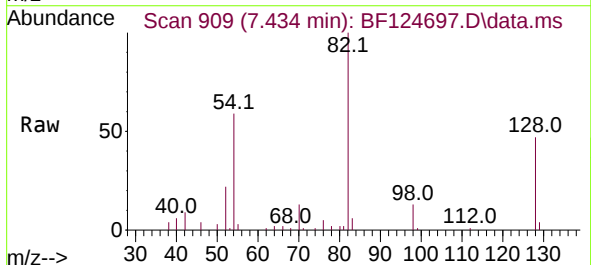
Instrument :
BNA_F
ClientSampled :
TP-L

Tgt Ion:136	Resp:	22135
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.6
54	9.1	6.4 9.6
68	4.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 121.16 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion: 82	Resp:	45059
Ion Ratio	Lower	Upper
82	100	
128	47.1	40.6 60.8
54	58.8	49.6 74.4

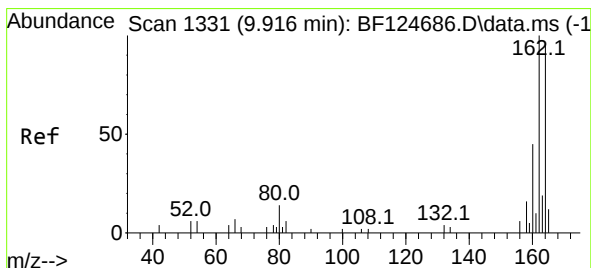
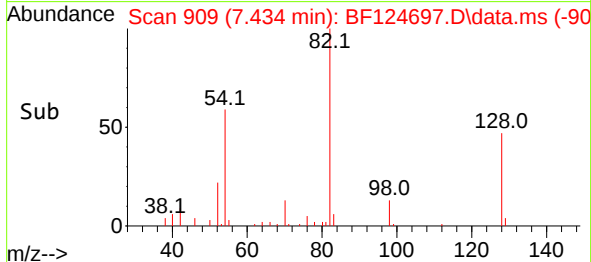
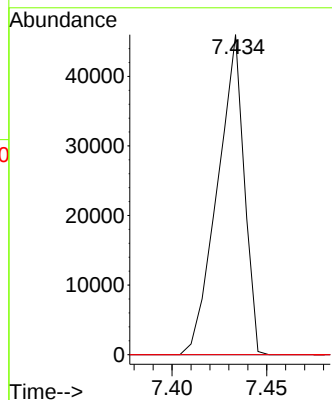
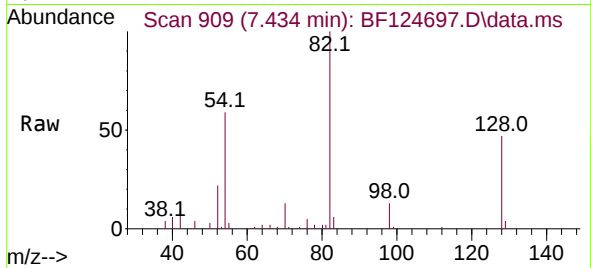




#25
Isophorone
Concen: 68.52 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

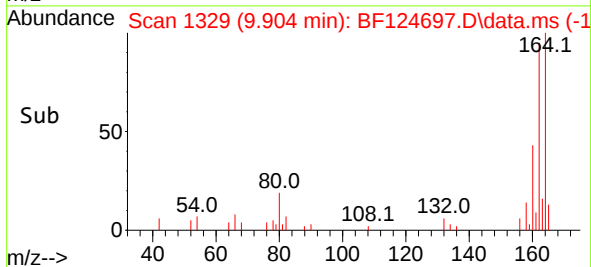
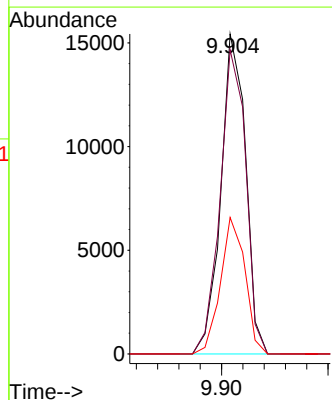
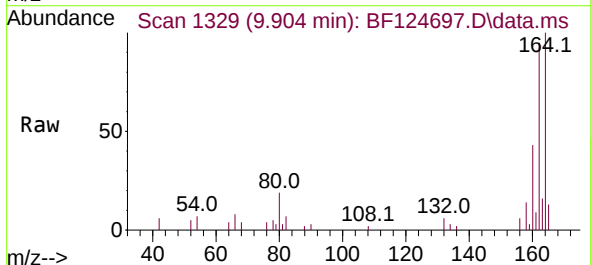
Instrument :
BNA_F
ClientSampleId :
TP-L

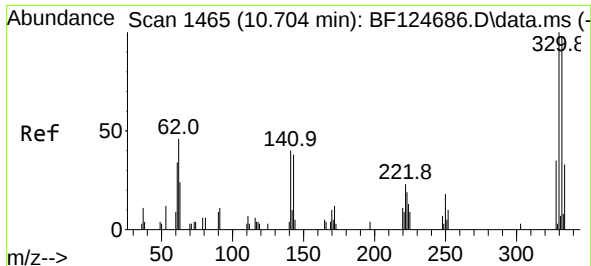
Tgt Ion: 82 Resp: 45058
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion: 164 Resp: 12459
Ion Ratio Lower Upper
164 100
162 95.0 81.3 121.9
160 42.6 38.0 57.0

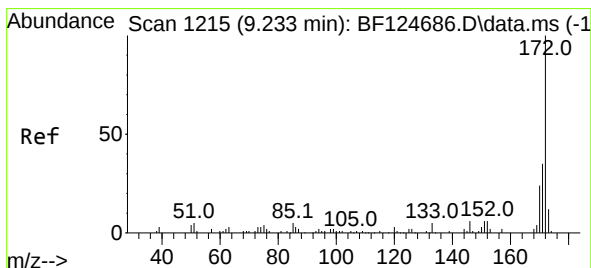
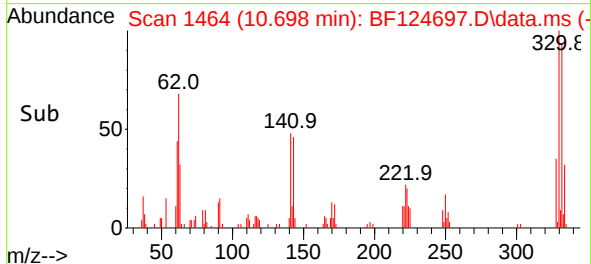
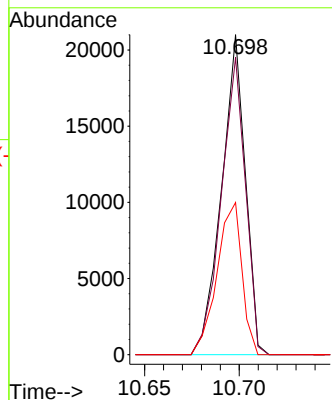
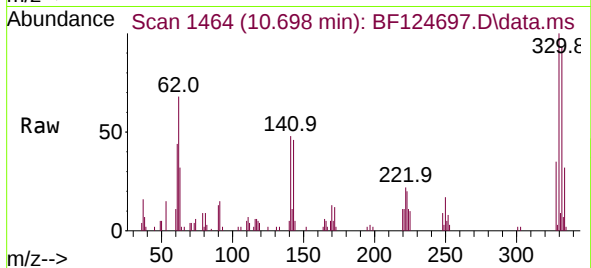




#42
2,4,6-Tribromophenol
Concen: 171.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

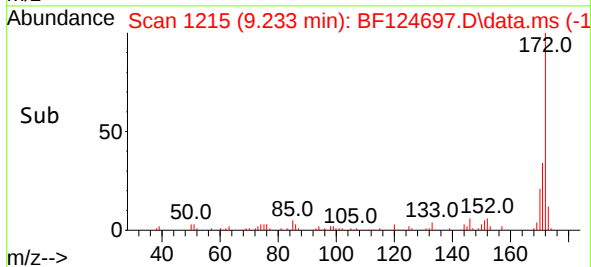
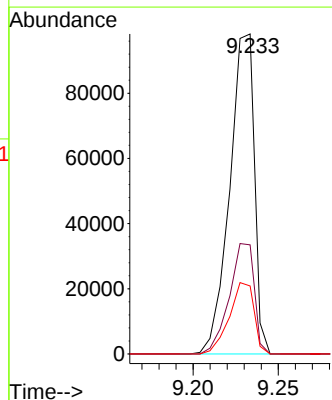
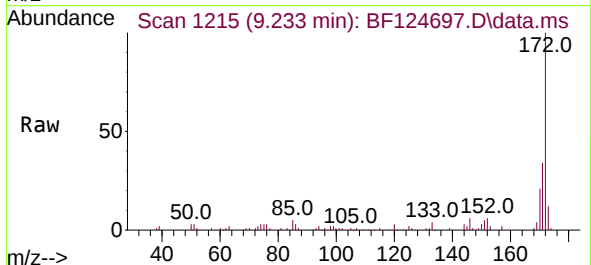
Instrument :
BNA_F
ClientSampled :
TP-L

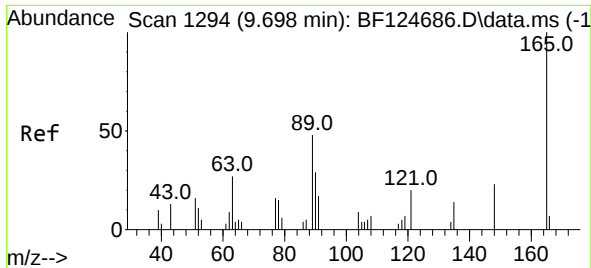
Tgt Ion: 330 Resp: 18361
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 49.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 116.92 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion: 172 Resp: 99177
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 21.2 18.8 28.2

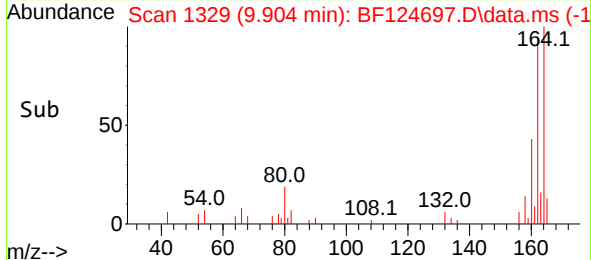
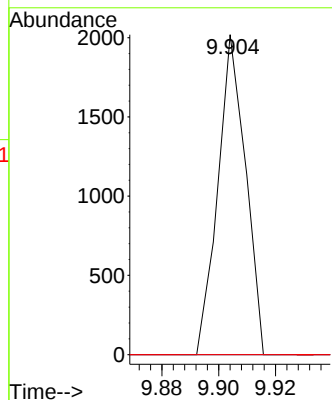
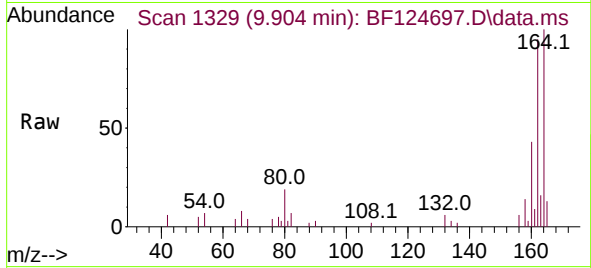




#51
2,6-Dinitrotoluene
Concen: 7.20 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

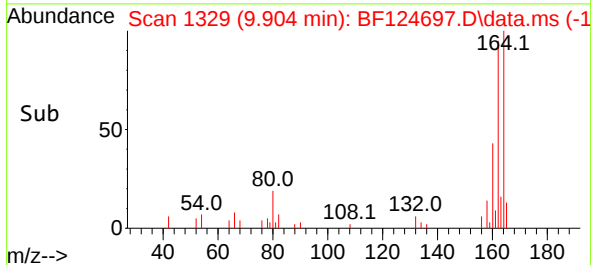
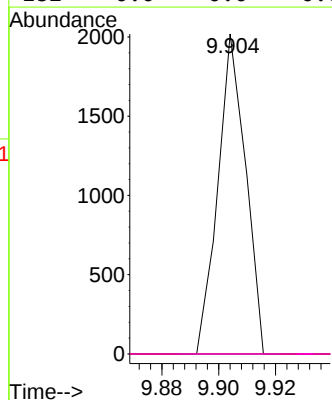
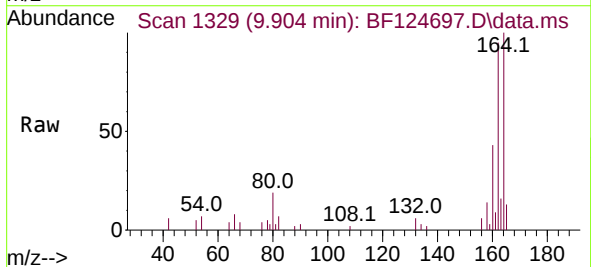
Instrument :
BNA_F
ClientSampled :
TP-L

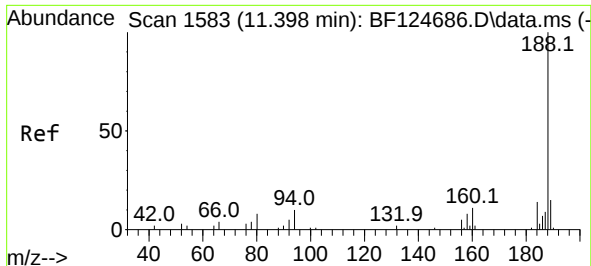
Tgt Ion:165 Resp: 1365
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.31 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion:165 Resp: 1365
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

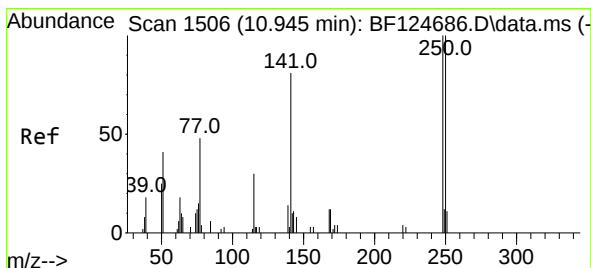
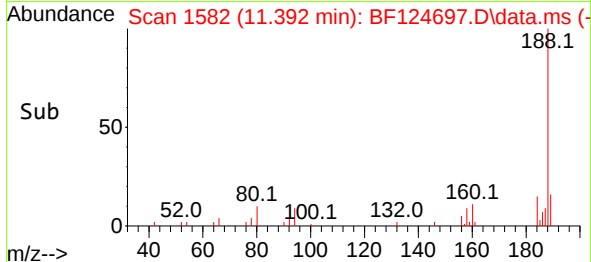
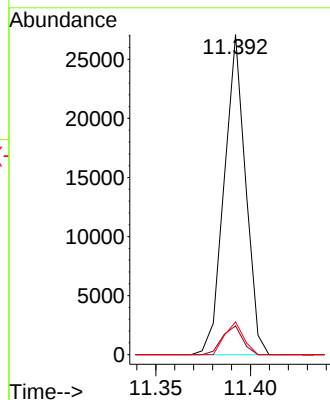
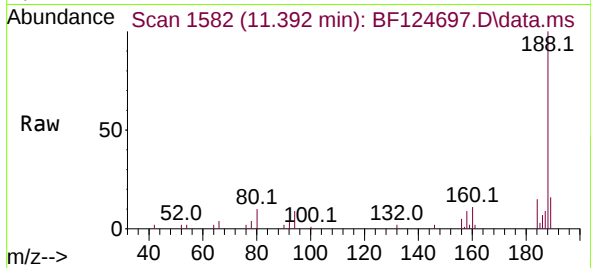




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

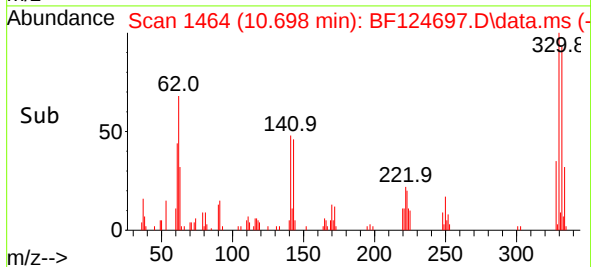
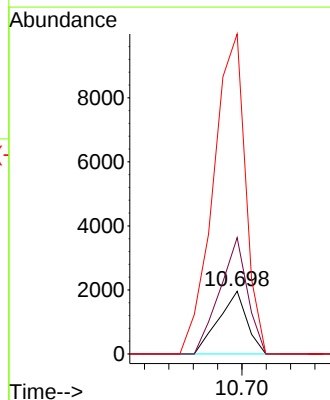
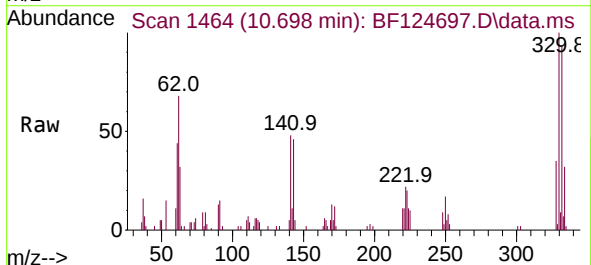
Instrument :
BNA_F
ClientSampleId :
TP-L

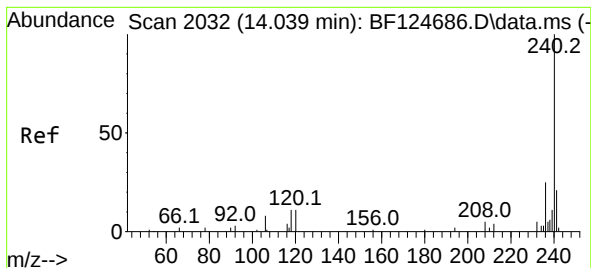
Tgt Ion:188 Resp: 21250
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 7.04 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion:248 Resp: 1587
Ion Ratio Lower Upper
248 100
250 185.3 74.2 111.4#
141 509.9 60.4 90.6#

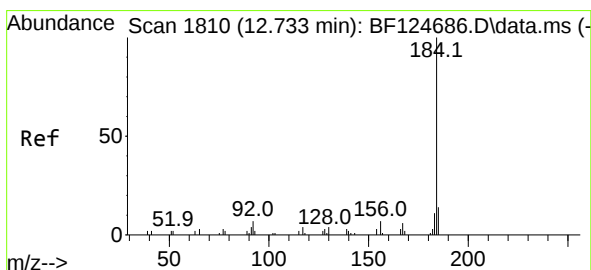
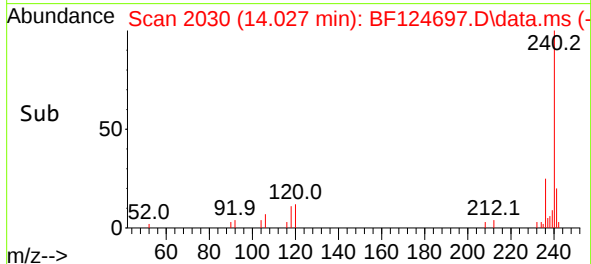
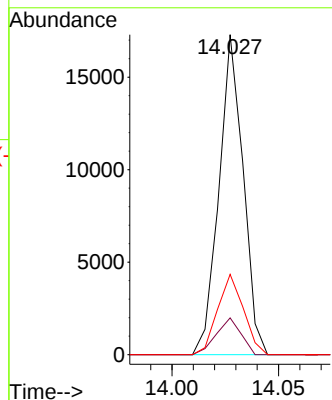
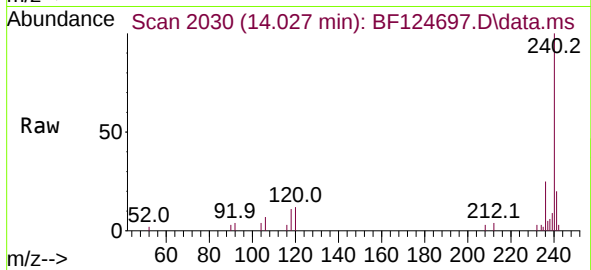




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

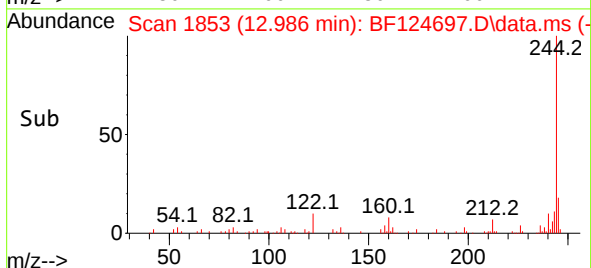
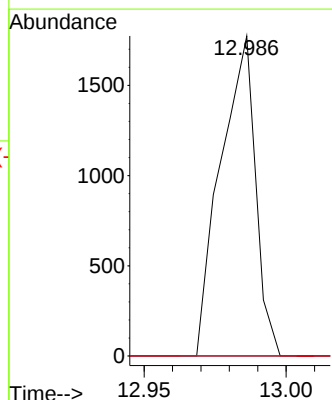
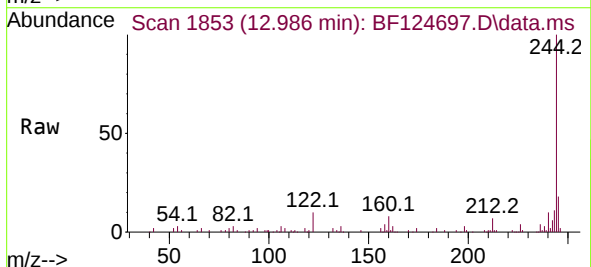
Instrument :
BNA_F
ClientSampleId :
TP-L

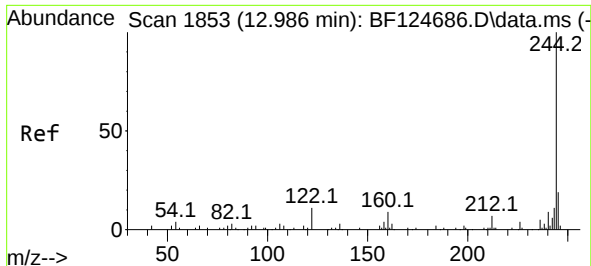
Tgt Ion:240	Resp:	13649
Ion Ratio	Lower	Upper
240	100	
120	11.5	10.8 16.2
236	25.1	21.6 32.4



#77
Benzidine
Concen: 3.94 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124697.D
Acq: 22 Jul 2021 19:25

Tgt Ion:184	Resp:	1516
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

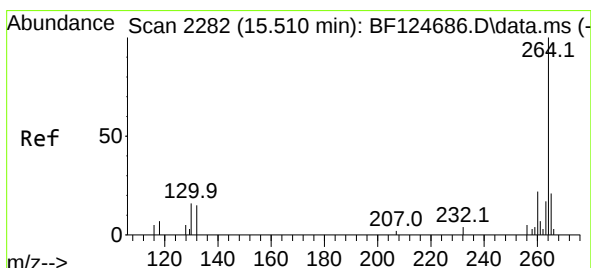
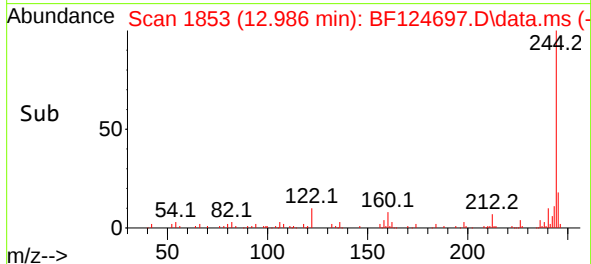
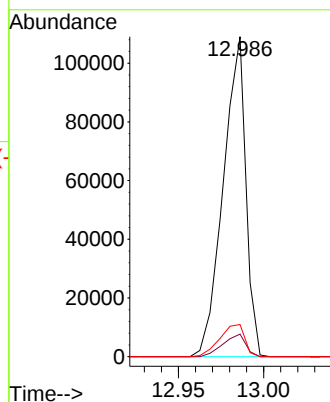
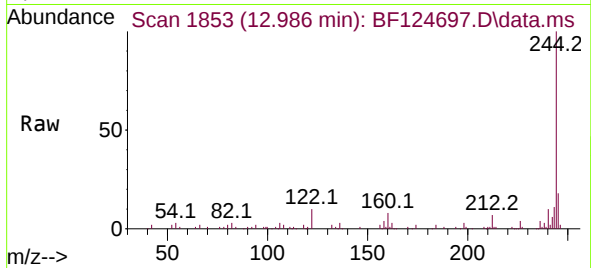




#79
 Terphenyl-d14
 Concen: 125.93 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124697.D
 Acq: 22 Jul 2021 19:25

Instrument :
 BNA_F
 ClientSampled :
 TP-L

Tgt Ion:244 Resp: 100272
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 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: BF124697.D
 Acq: 22 Jul 2021 19:25

Tgt Ion:264 Resp: 11979
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.7 17.2 25.8

