

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124699.D
 Acq On : 22 Jul 2021 20:31
 Operator : JU/CG
 Sample : M3093-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210557-COM-30

Quant Time: Jul 23 02:06:18 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)

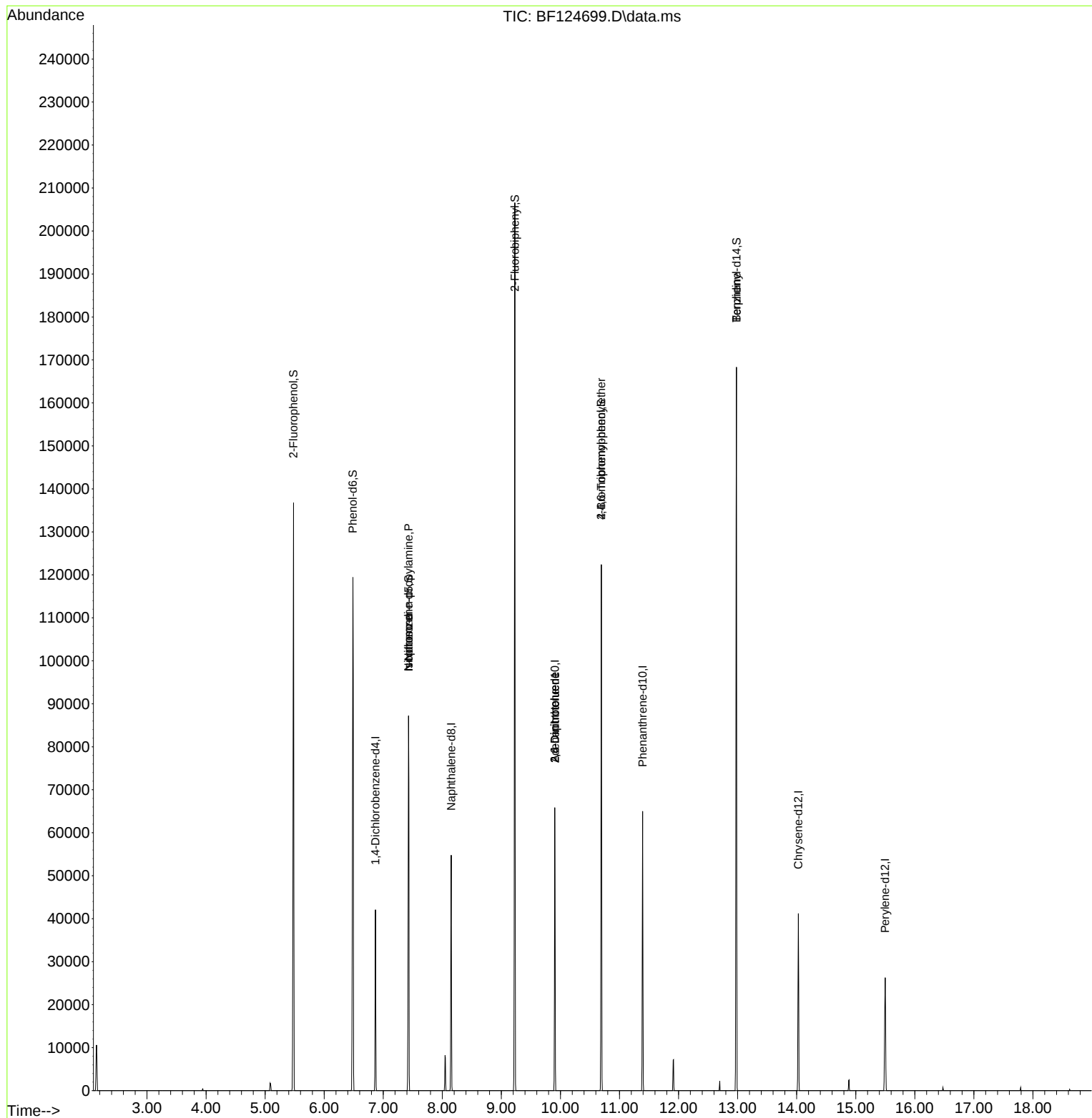
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6091	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	23533	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	13034	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	22521	20.00	ng	0.00
76) Chrysene-d12	14.027	240	14308	20.00	ng	-0.01
86) Perylene-d12	15.498	264	13152	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	35175	97.78	ng	0.00
7) Phenol-d6	6.486	99	41368	91.73	ng	-0.01
23) Nitrobenzene-d5	7.428	82	26378	66.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10475	93.60	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	54826	61.78	ng	0.00
79) Terphenyl-d14	12.980	244	54582	65.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	3260	13.54	ng	Qvalue
25) Isophorone	7.428	82	26377	37.73	ng	# 79
51) 2,6-Dinitrotoluene	9.904	165	1491	7.52	ng	# 59
57) 2,4-Dinitrotoluene	9.904	165	1491	5.54	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	759	3.18	ng	# 18
77) Benzidine	12.980	184	818	2.03	ng	# 1

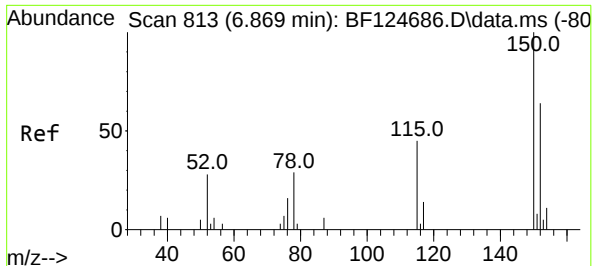
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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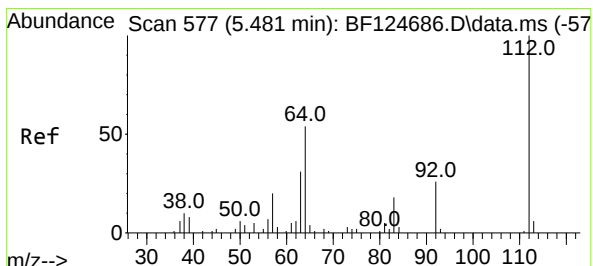
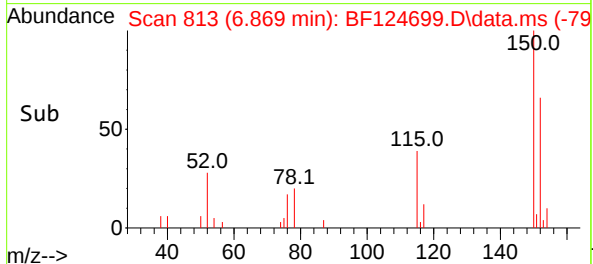
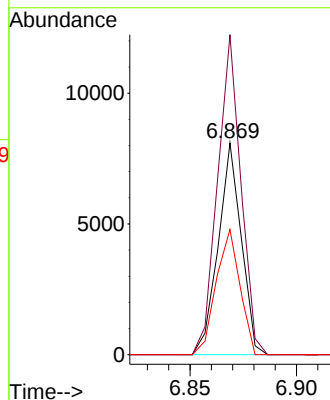
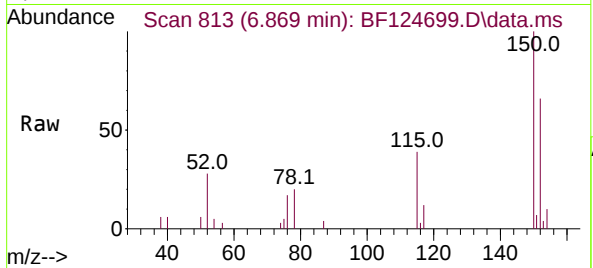




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

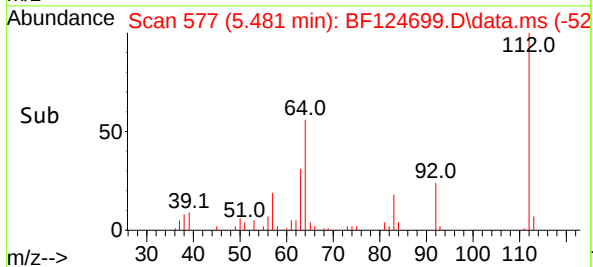
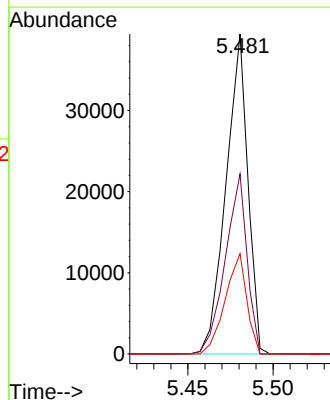
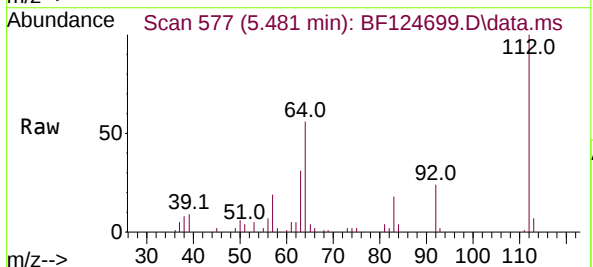
Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

Tgt Ion:152 Resp: 6091
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.78 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:112 Resp: 35175
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.2
63 31.4 26.2 39.2

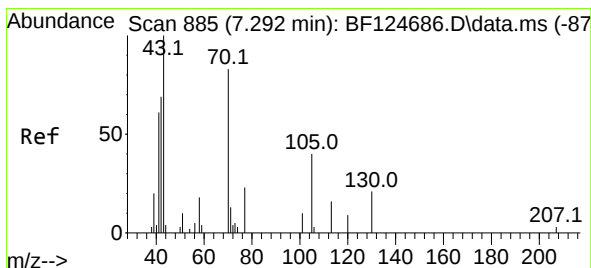
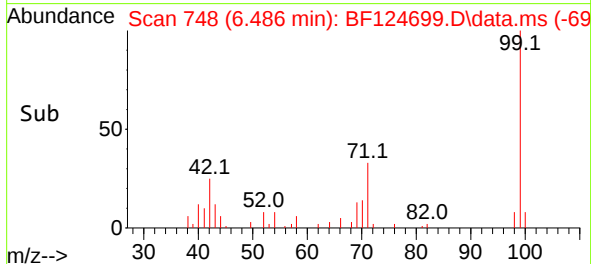
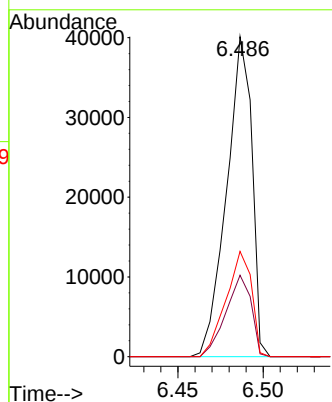
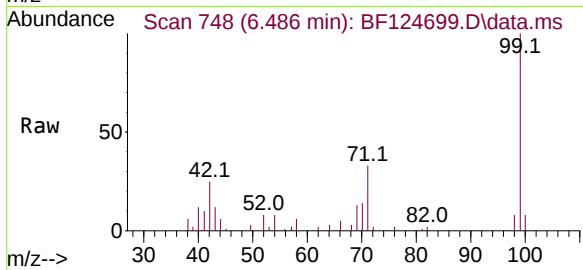




#7
Phenol-d6
Concen: 91.73 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

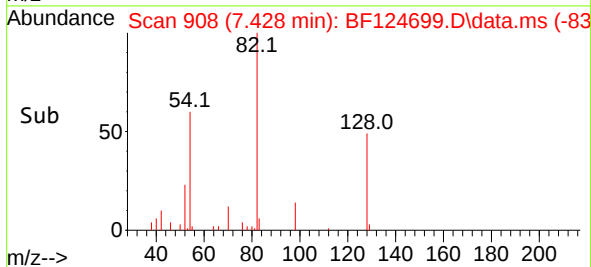
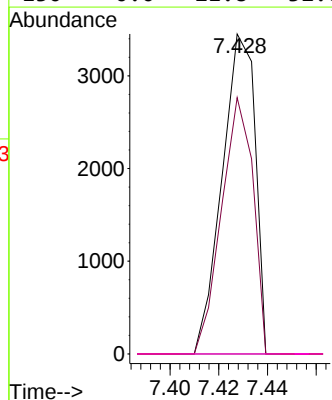
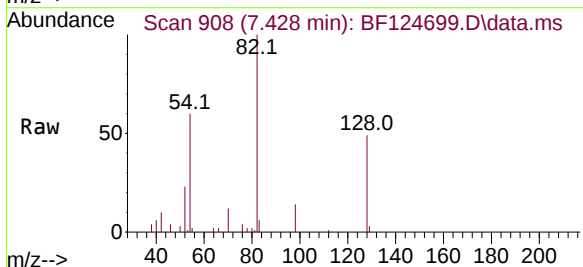
Instrument :
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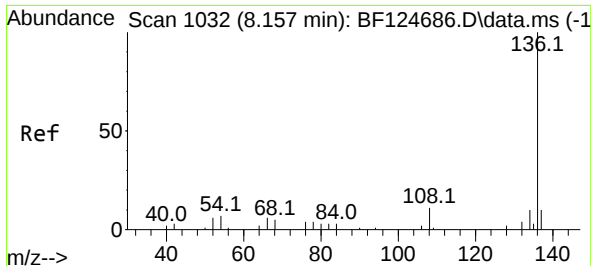
Tgt Ion:	99	Resp:	41368
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	32.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

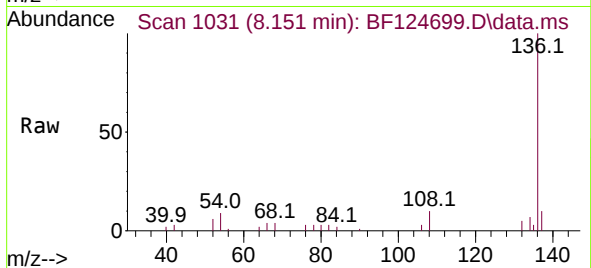
Tgt Ion:	70	Resp:	3260
Ion	Ratio	Lower	Upper
70	100		
42	80.1	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



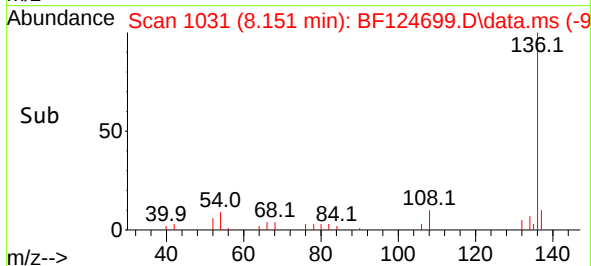
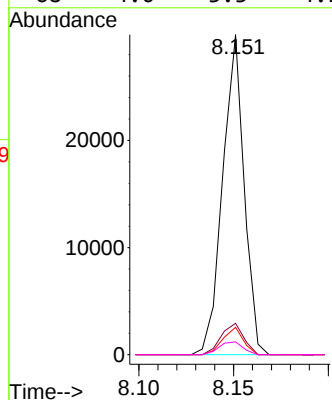


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

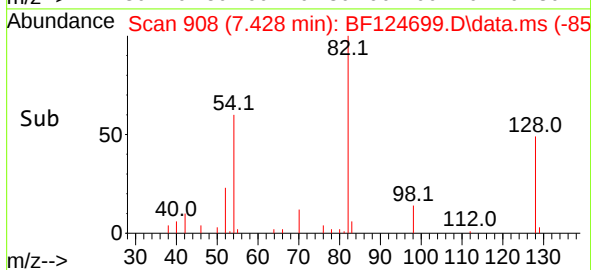
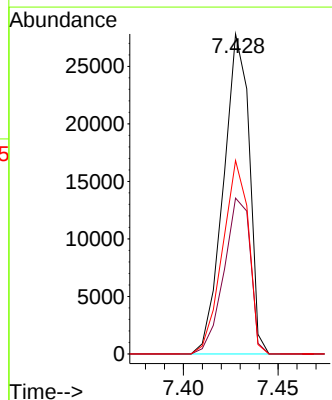
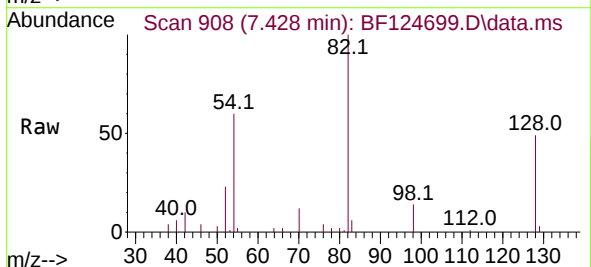


Tgt Ion:	136	Resp:	23533
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.8	14.6
54	8.6	6.4	9.6
68	4.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.71 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:	82	Resp:	26378
Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.6	60.8
54	60.5	49.6	74.4

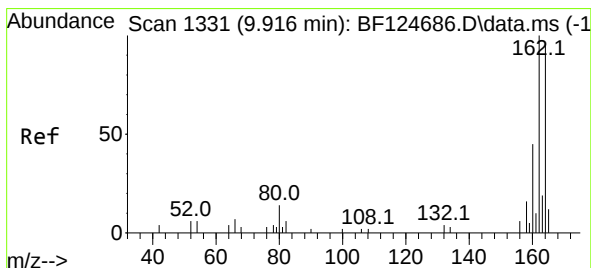
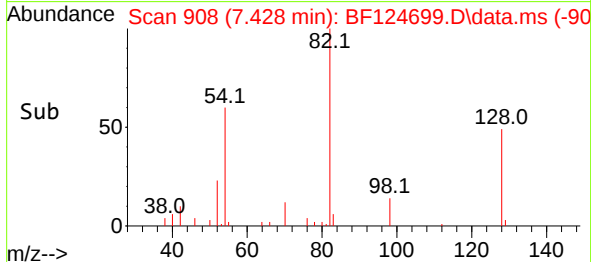
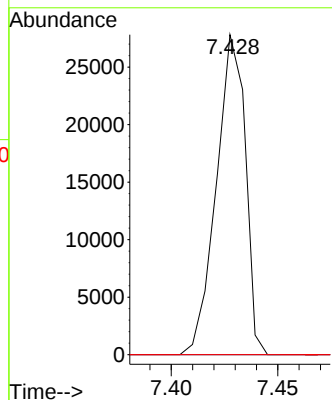
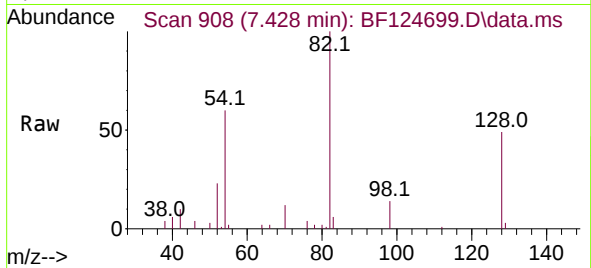




#25
Isophorone
Concen: 37.73 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

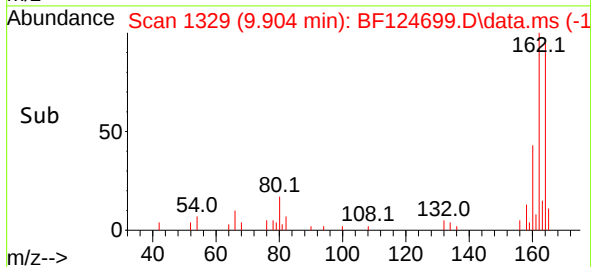
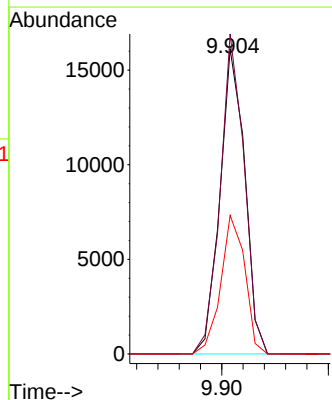
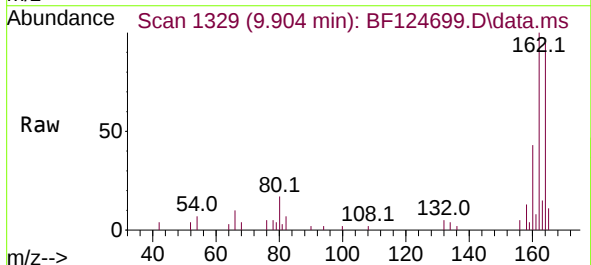
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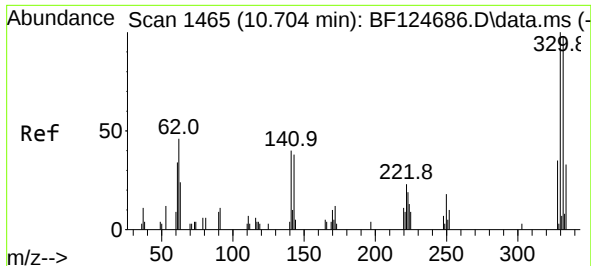
Tgt Ion: 82 Resp: 26377
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

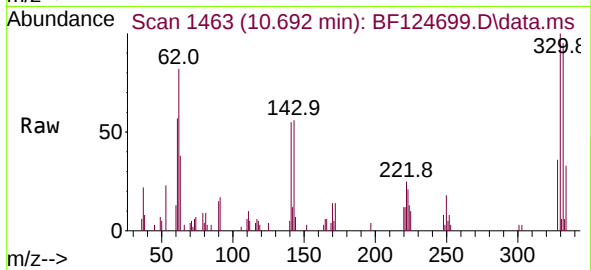
Tgt Ion: 164 Resp: 13034
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 45.4 38.0 57.0



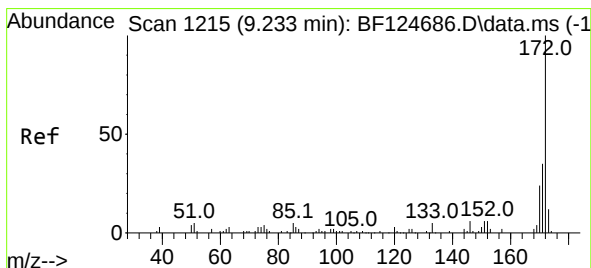
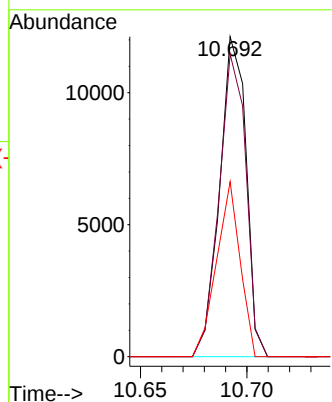
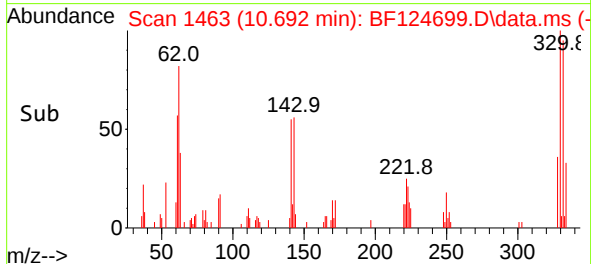


#42
2,4,6-Tribromophenol
Concen: 93.60 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

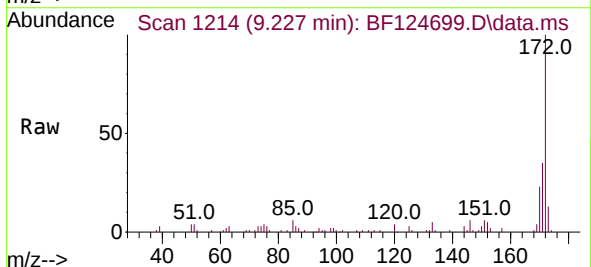
Instrument :
BNA_F
ClientSampleId :
20210557-COM-30



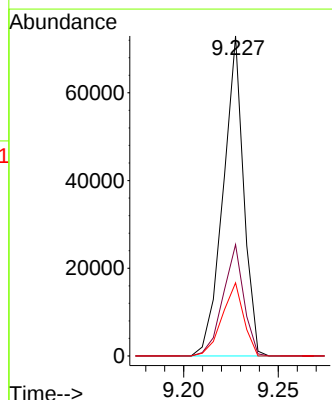
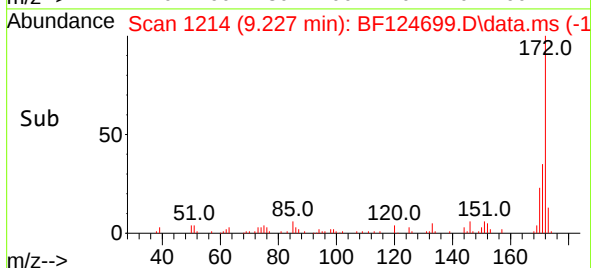
Tgt Ion:330 Resp: 10475
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 48.8 44.6 66.8

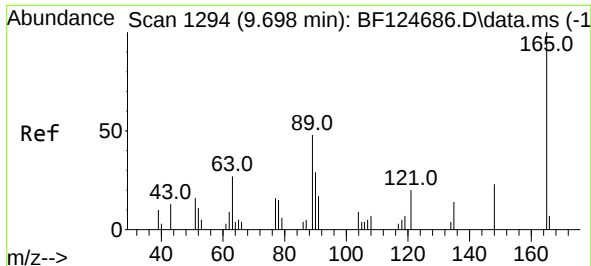


#45
2-Fluorobiphenyl
Concen: 61.78 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31



Tgt Ion:172 Resp: 54826
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.8 18.8 28.2

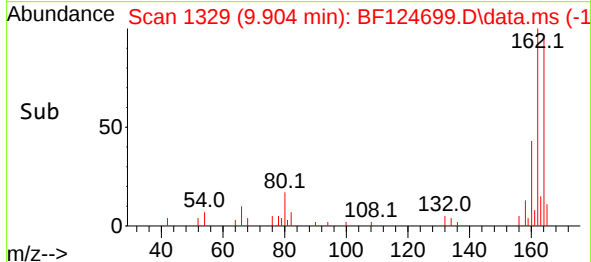
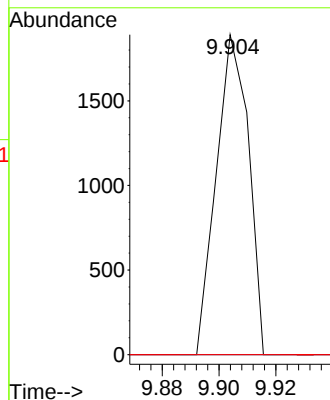
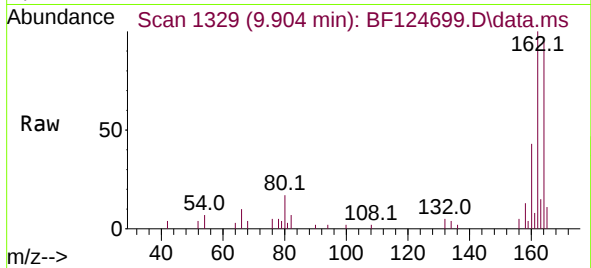




#51
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

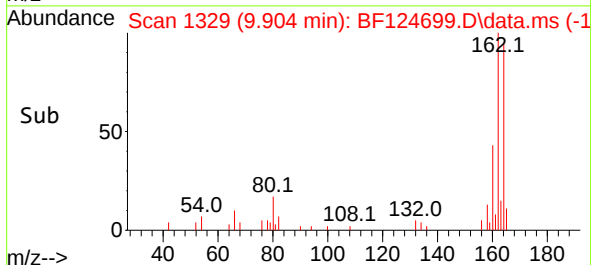
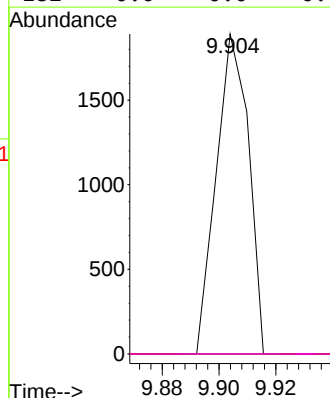
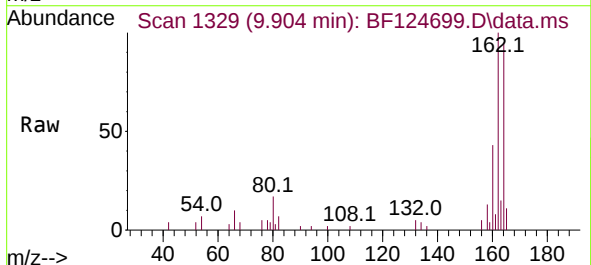
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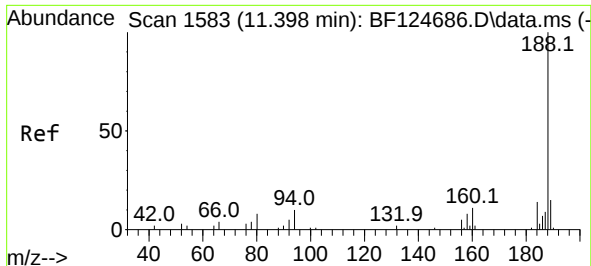
Tgt Ion:165 Resp: 1491
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:165 Resp: 1491
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

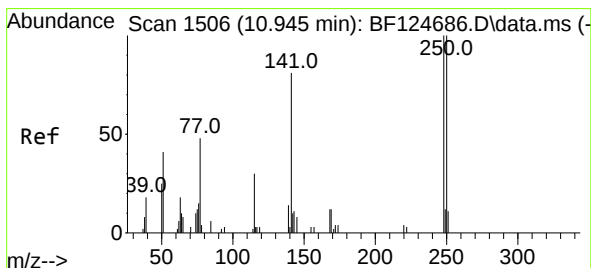
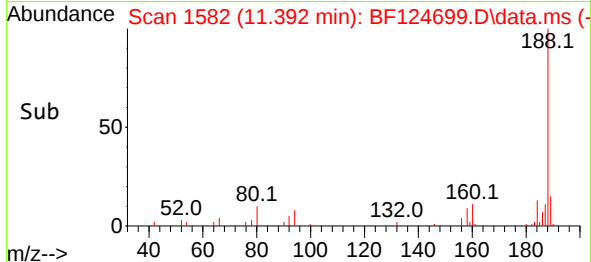
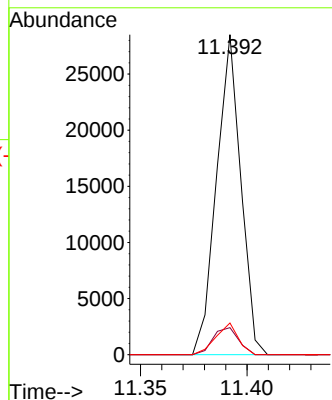
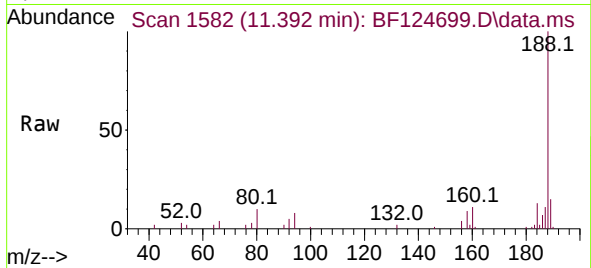




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

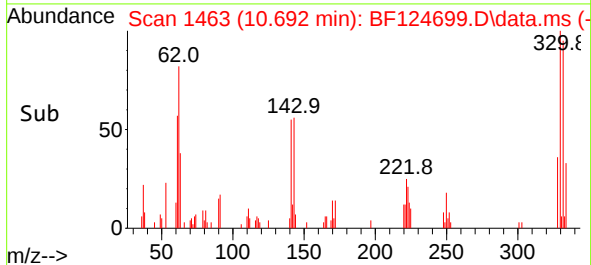
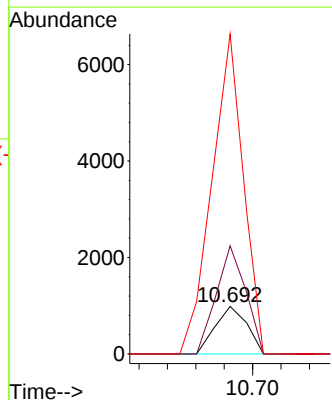
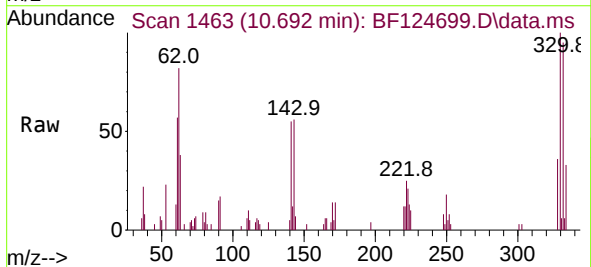
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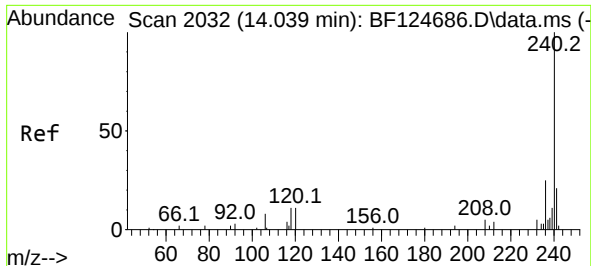
Tgt Ion:188 Resp: 22521
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:248 Resp: 759
Ion Ratio Lower Upper
248 100
250 227.5 74.2 111.4#
141 673.5 60.4 90.6#

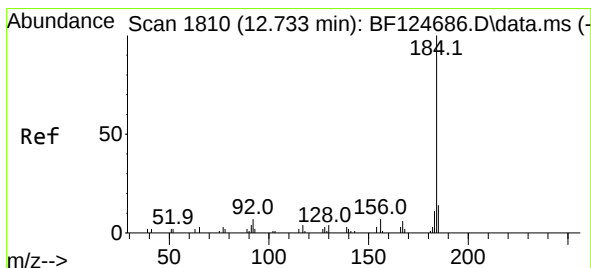
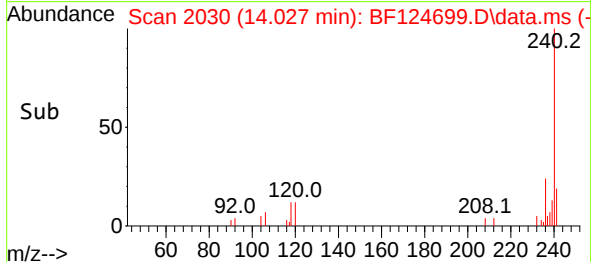
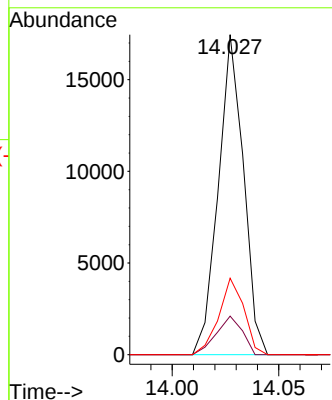
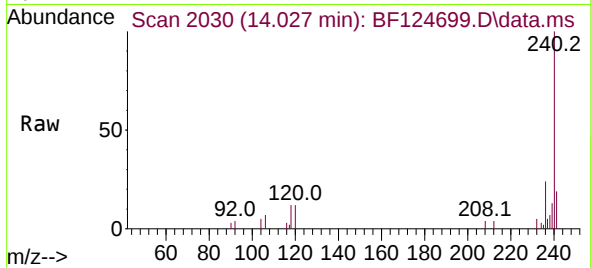




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

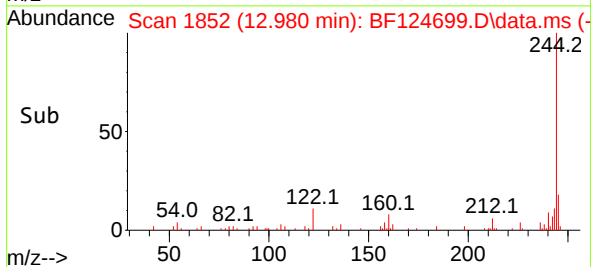
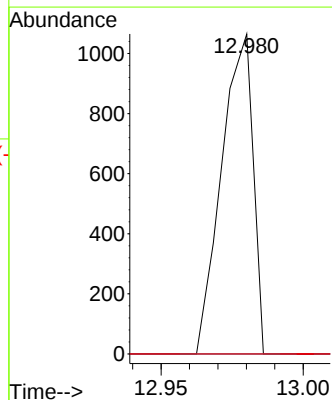
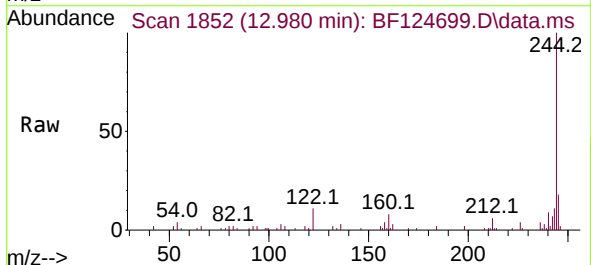
Instrument :
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ClientSampleId :
20210557-COM-30

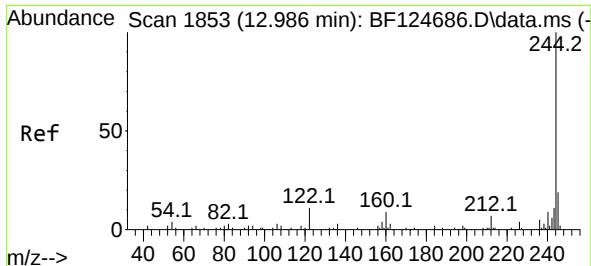
Tgt Ion:240 Resp: 14308
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 23.9 21.6 32.4



#77
Benzidine
Concen: 2.03 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:184 Resp: 818
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

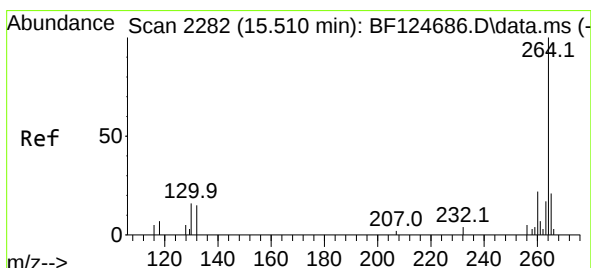
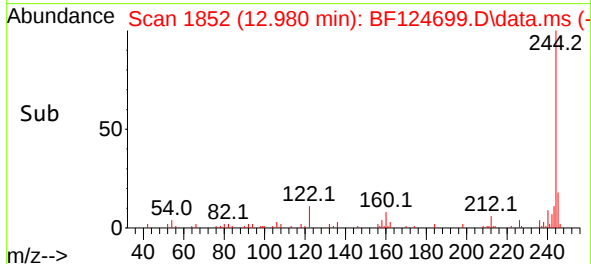
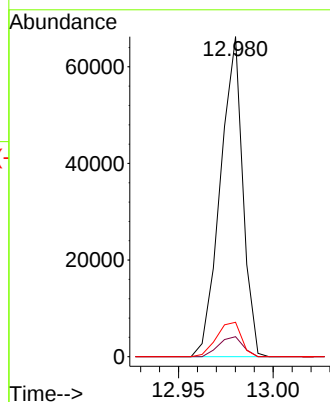
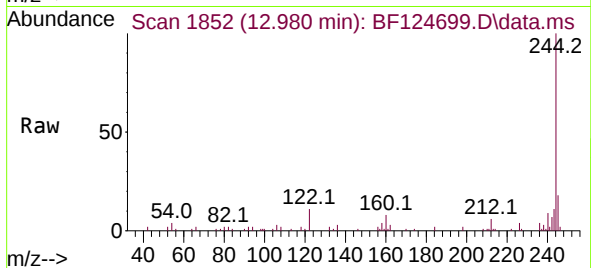




#79
Terphenyl-d14
Concen: 65.39 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

Tgt Ion:244 Resp: 54582
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 10.8 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: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:264 Resp: 13152
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.9 17.2 25.8

