

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124691.D
 Acq On : 22 Jul 2021 15:56
 Operator : JU/CG
 Sample : PB137815BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137815BL

Quant Time: Jul 22 17:15:47 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)

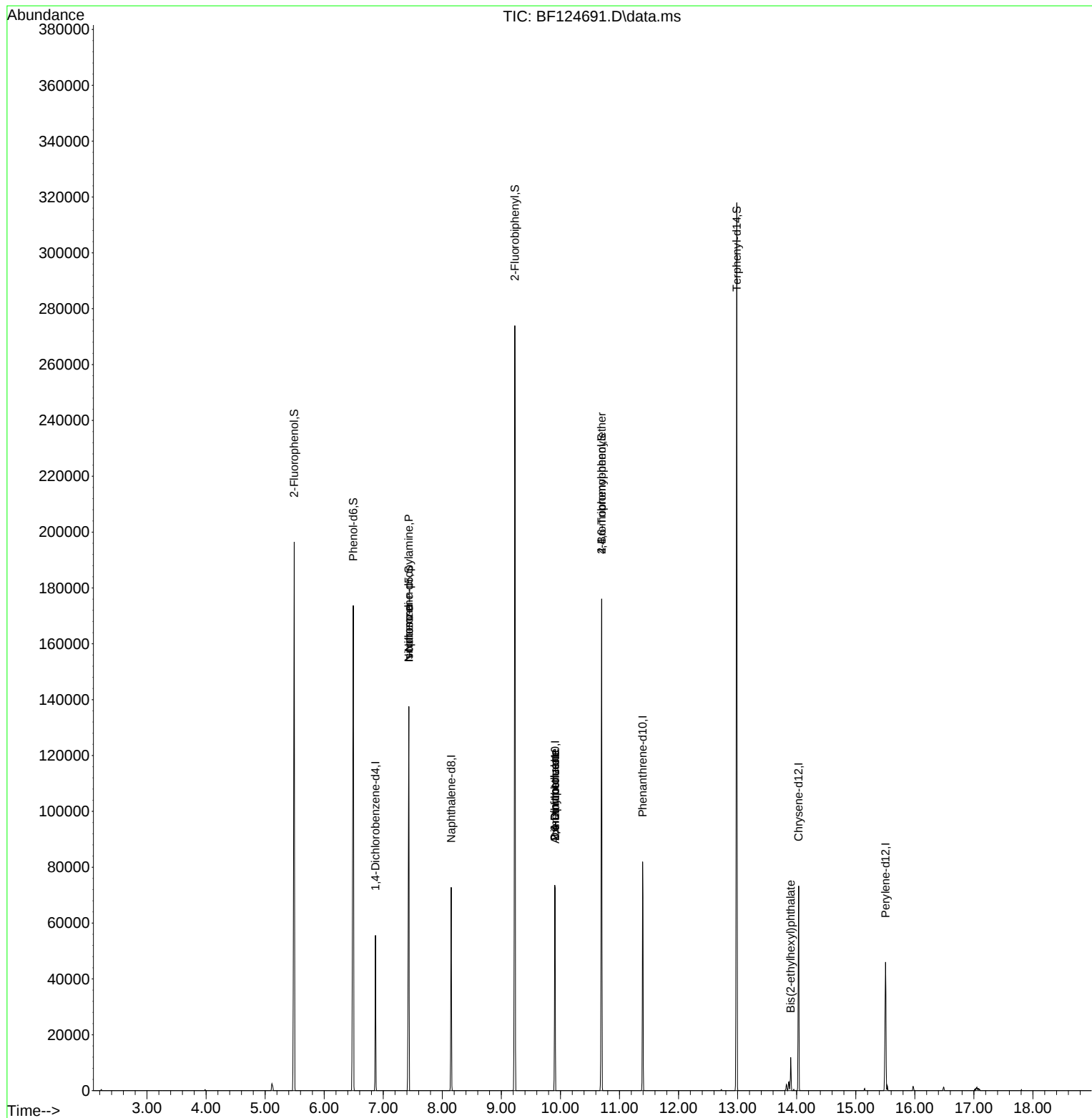
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7351	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	30629	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	17273	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	31292	20.000	ng	0.00
76) Chrysene-d12	14.033	240	25321	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	22322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	54872	126.387	ng	0.01
7) Phenol-d6	6.492	99	65437	120.226	ng	0.00
23) Nitrobenzene-d5	7.433	82	40230	78.174	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16765	113.044	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	91383	77.704	ng	0.00
79) Terphenyl-d14	12.986	244	105208	71.222	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	5290	18.201	ng	# 72
25) Isophorone	7.433	82	40229	44.210	ng	# 59
50) Dimethylphthalate	9.904	163	2787	2.343	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	2004	7.627	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	2004	5.620	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1311	3.950	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.898	149	3287	2.324	ng	# 53

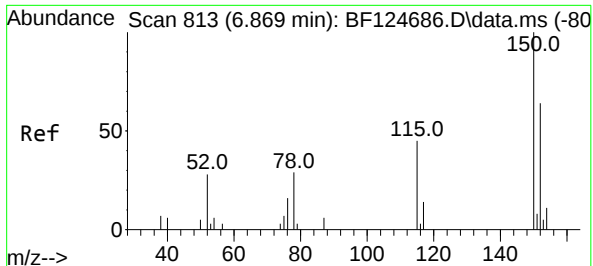
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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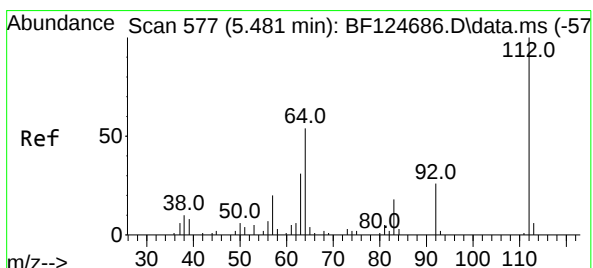
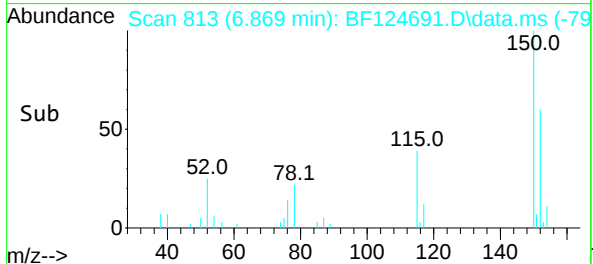
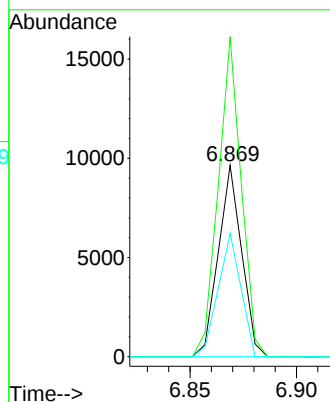
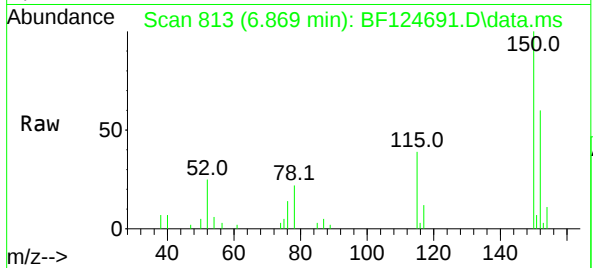




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

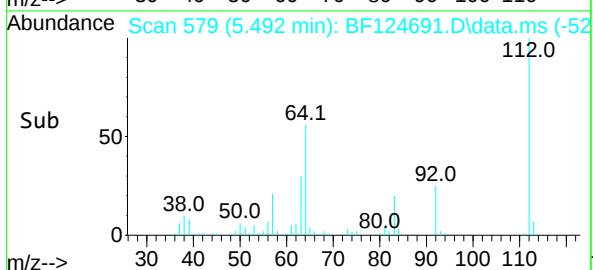
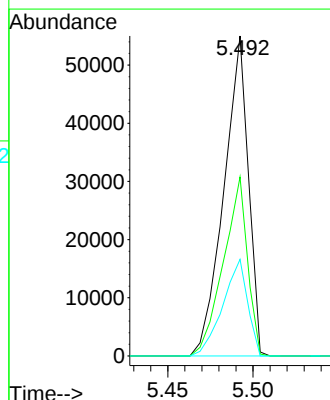
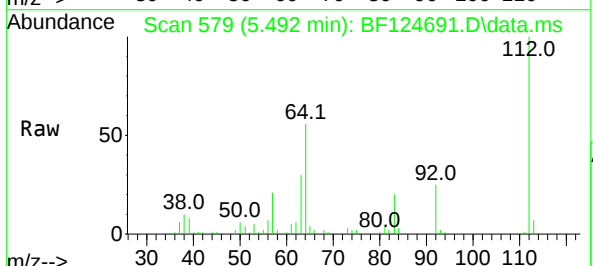
Instrument :
BNA_F
ClientSampleId :
PB137815BL

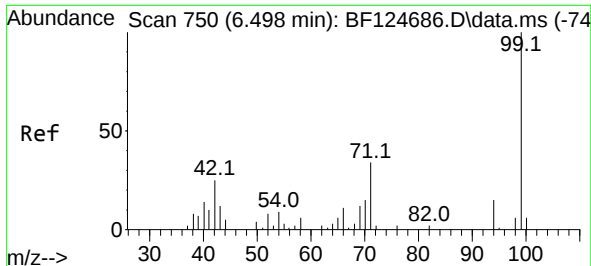
Tgt Ion:152 Resp: 7351
Ion Ratio Lower Upper
152 100
150 167.3 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 126.387 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Tgt Ion:112 Resp: 54872
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 30.2 26.2 39.2

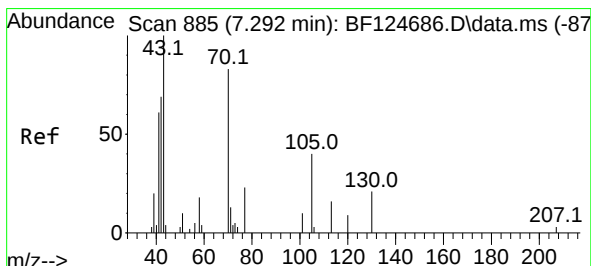
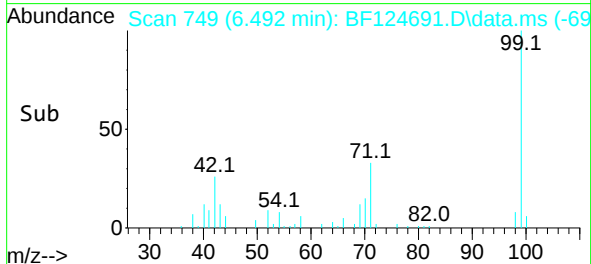
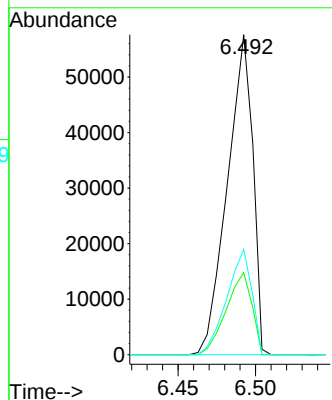
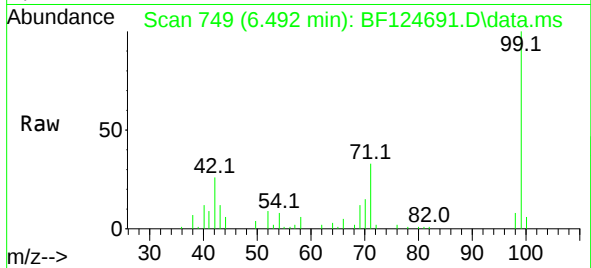




#7
Phenol-d6
Concen: 120.226 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

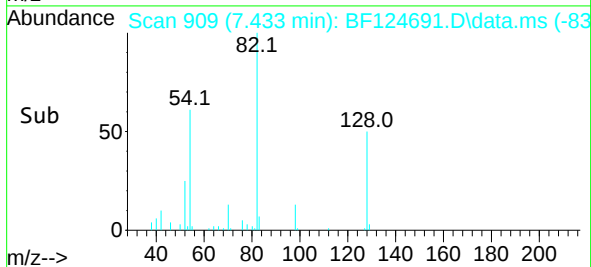
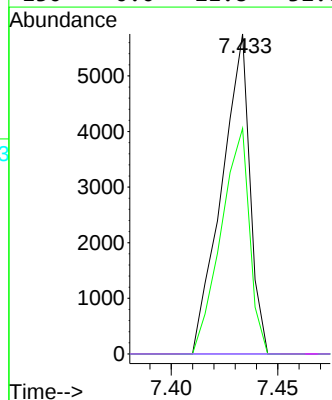
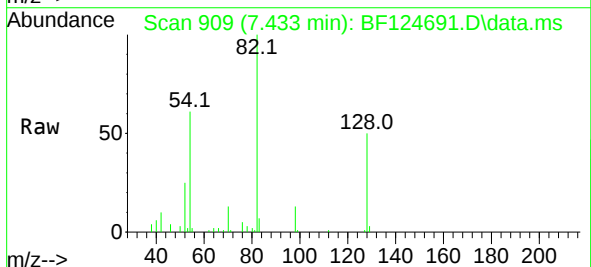
Instrument :
BNA_F
ClientSampleID :
PB137815BL

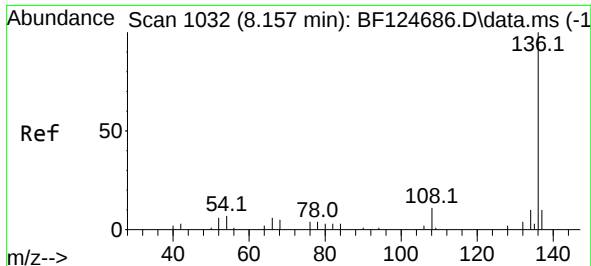
Tgt Ion: 99 Resp: 65437
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.201 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Tgt Ion: 70 Resp: 5290
Ion Ratio Lower Upper
70 100
42 70.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



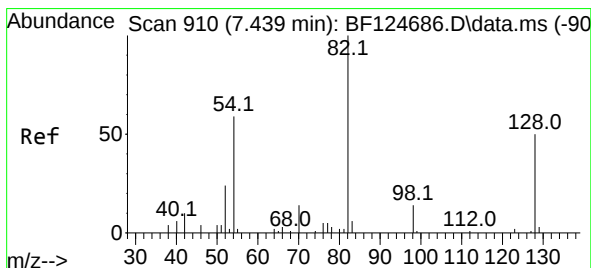
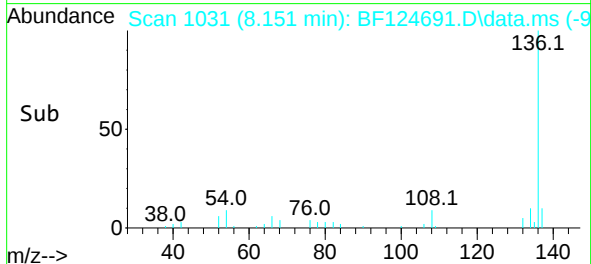
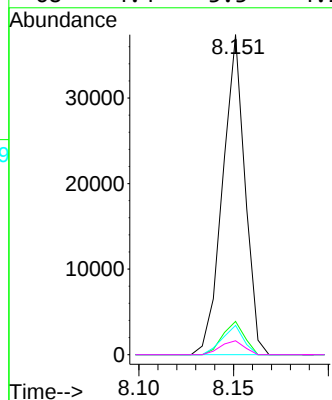
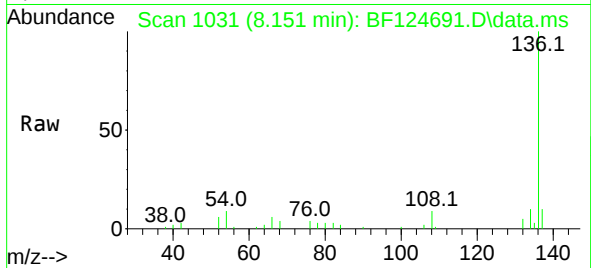


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Instrument :
BNA_F
ClientSampleId :
PB137815BL

Tgt Ion:136 Resp: 30629

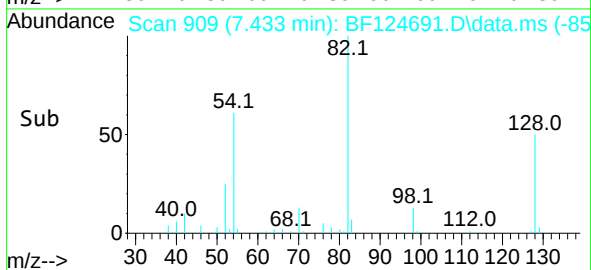
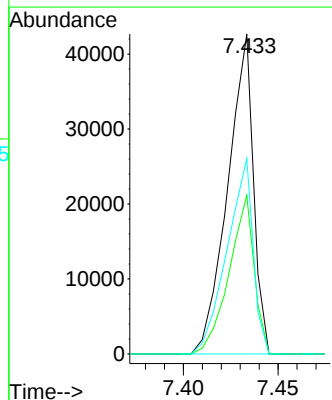
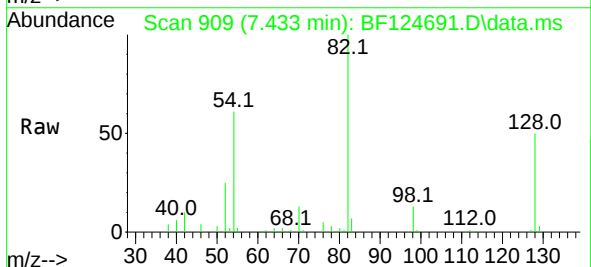
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	9.1	6.4	9.6
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 78.174 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Tgt Ion: 82 Resp: 40230

Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.6	60.8
54	61.0	49.6	74.4

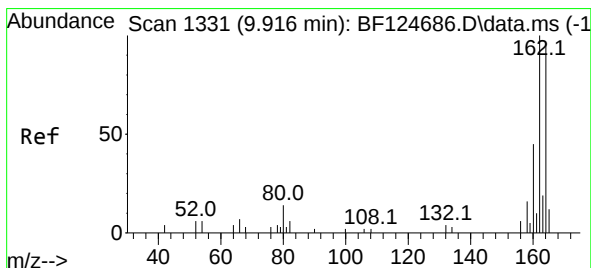
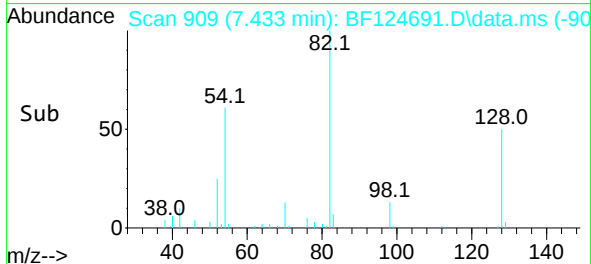
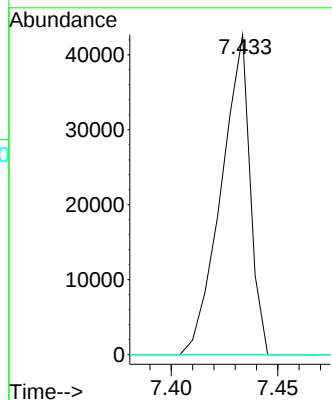
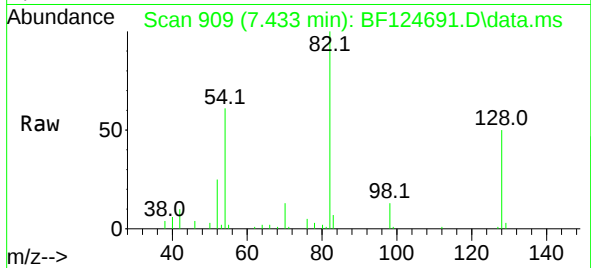




#25
Isophorone
Concen: 44.210 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

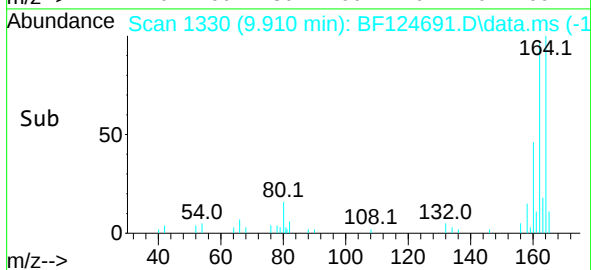
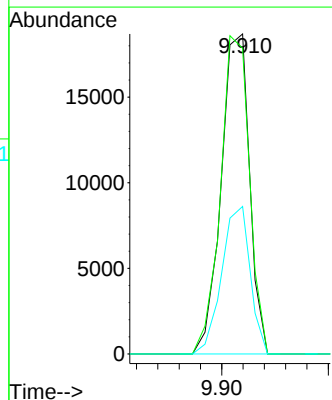
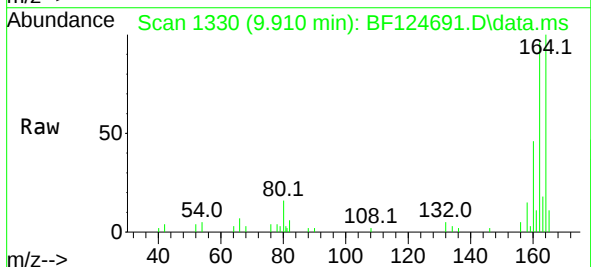
Instrument :
BNA_F
ClientSampleId :
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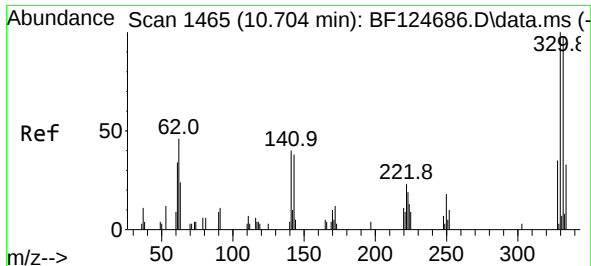
Tgt Ion: 82 Resp: 40229
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

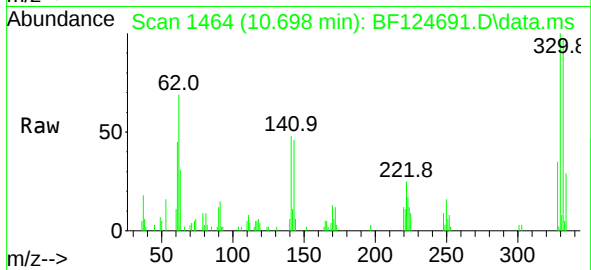
Tgt Ion: 164 Resp: 17273
Ion Ratio Lower Upper
164 100
162 95.5 81.3 121.9
160 46.1 38.0 57.0



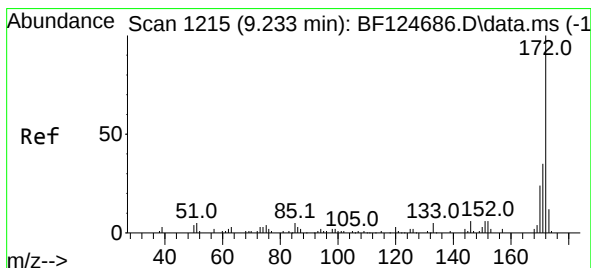
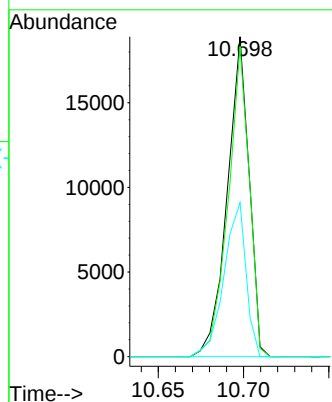
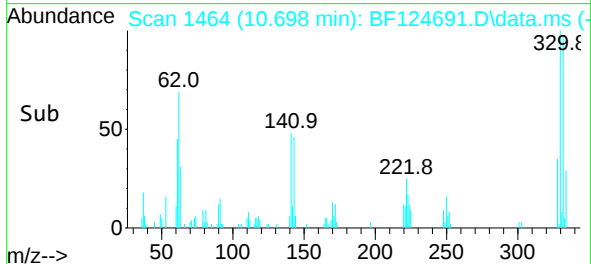


#42
2,4,6-Tribromophenol
Concen: 113.044 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

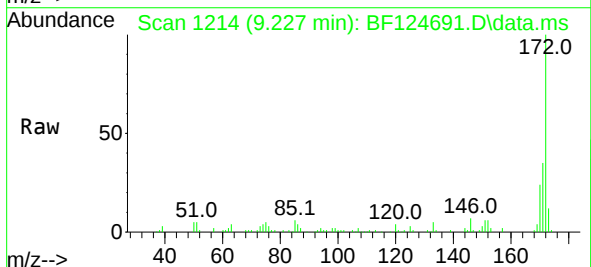
Instrument :
BNA_F
ClientSampleId :
PB137815BL



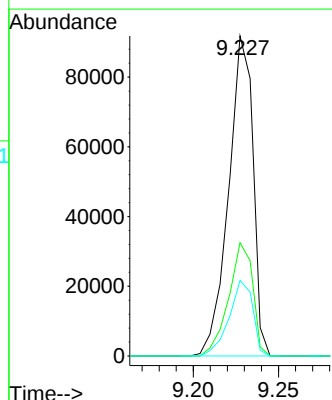
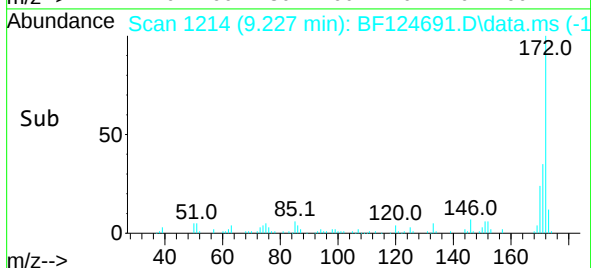
Tgt Ion:330 Resp: 16765
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 48.8 44.6 66.8

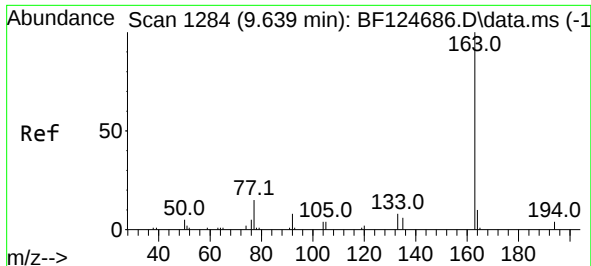


#45
2-Fluorobiphenyl
Concen: 77.704 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56



Tgt Ion:172 Resp: 91383
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.6 18.8 28.2

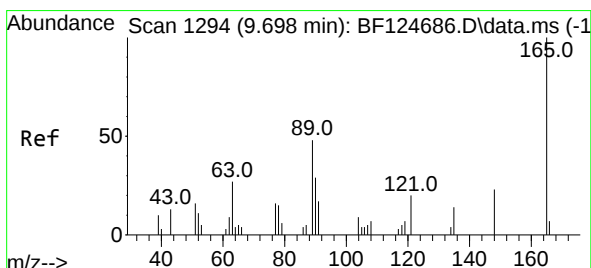
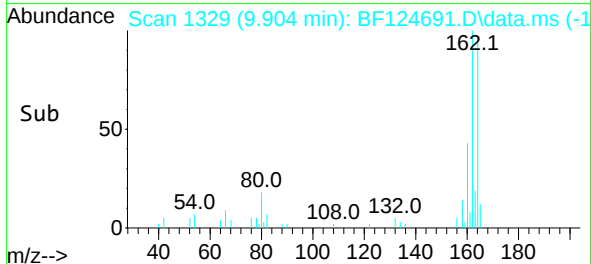
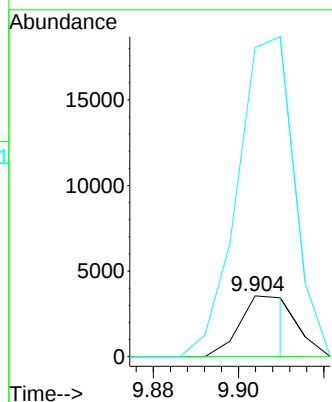
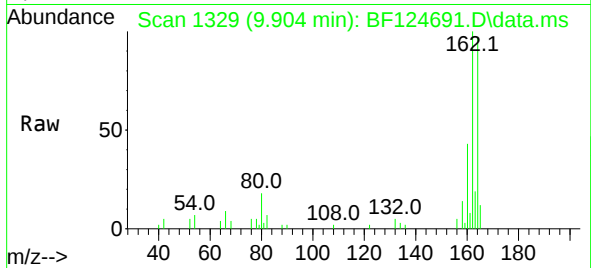




#50
Dimethylphthalate
Concen: 2.343 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.265 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

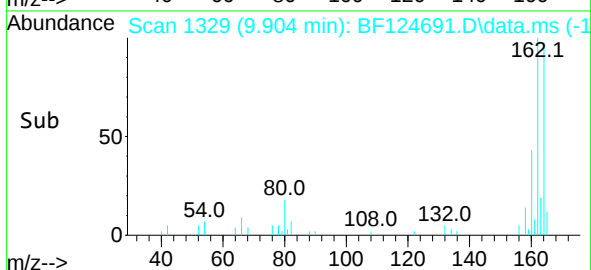
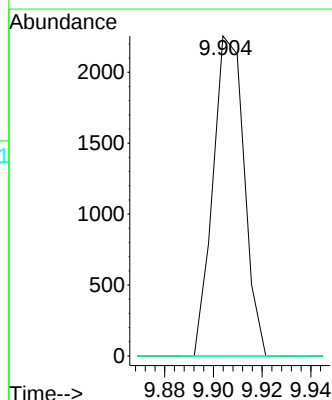
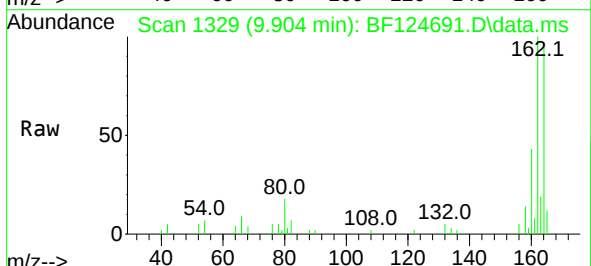
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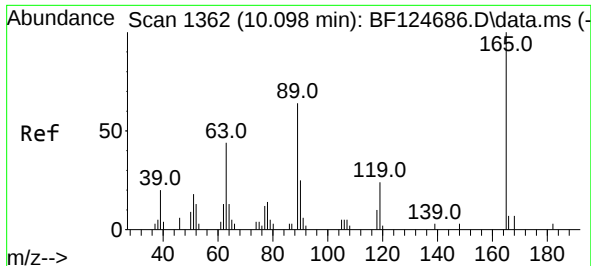
Tgt Ion:163 Resp: 2787
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 508.4 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 7.627 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

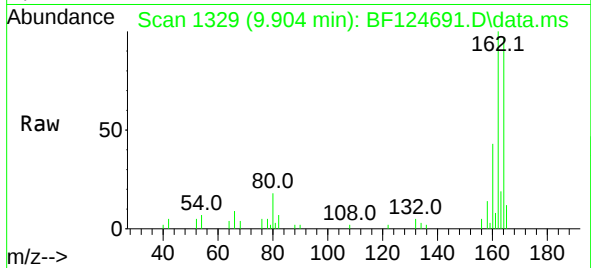
Tgt Ion:165 Resp: 2004
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



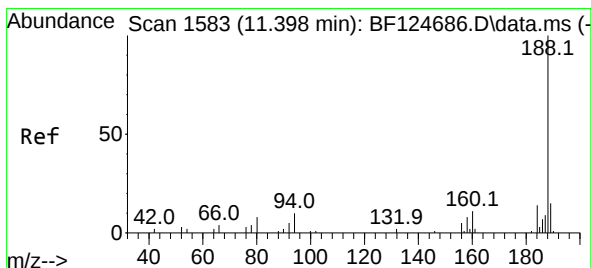
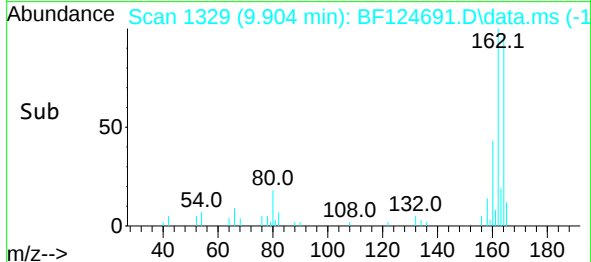
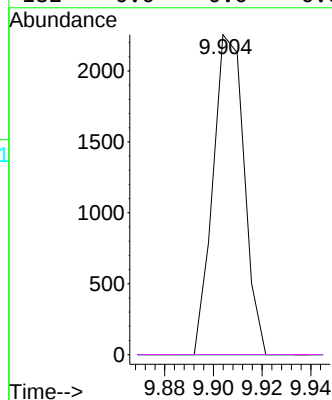


#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Instrument :
BNA_F
ClientSampleId :
PB137815BL

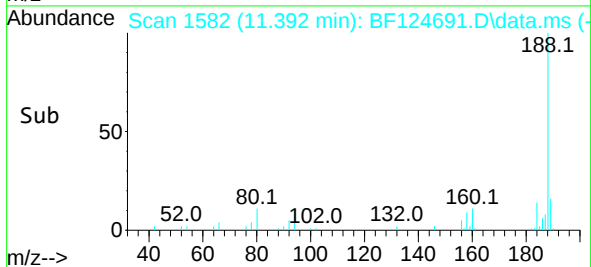
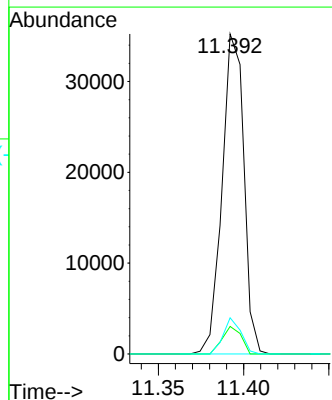
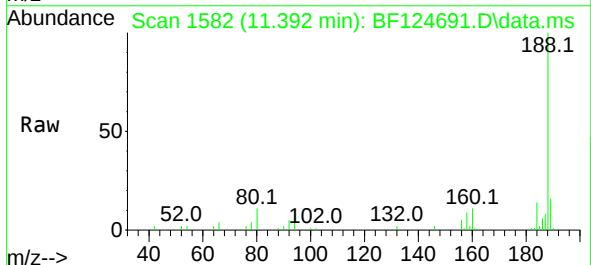


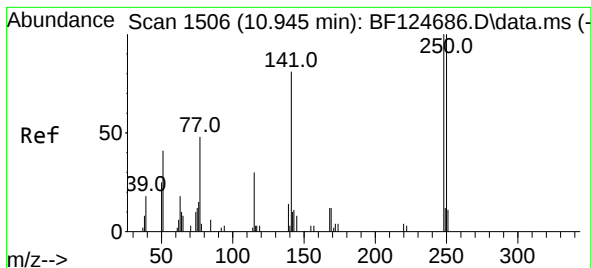
Tgt Ion:165	Resp:	2004
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Tgt Ion:188	Resp:	31292
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	11.3	7.5 11.3

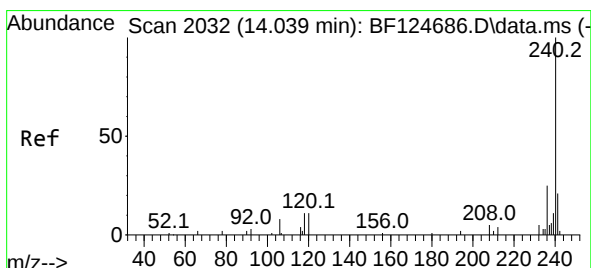
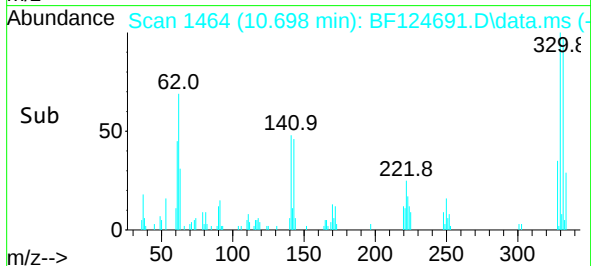
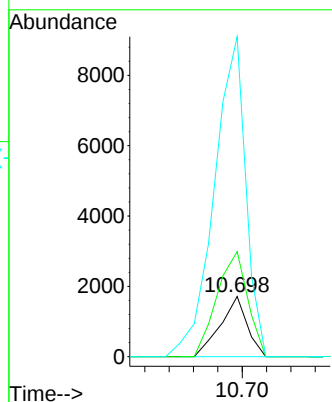
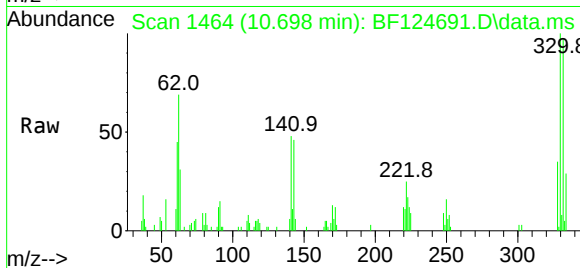




#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

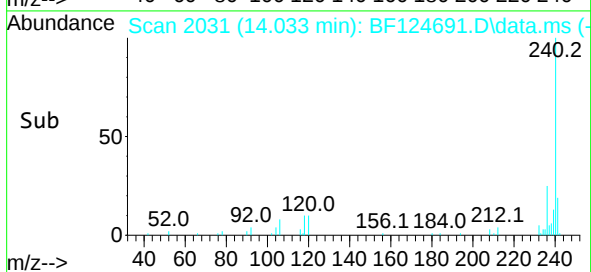
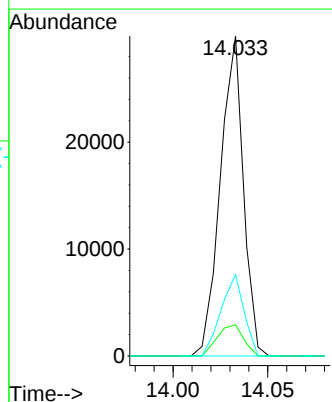
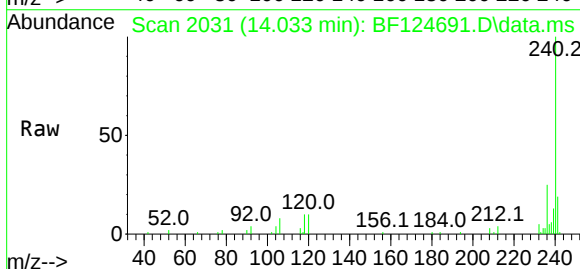
Instrument :
BNA_F
ClientSampleId :
PB137815BL

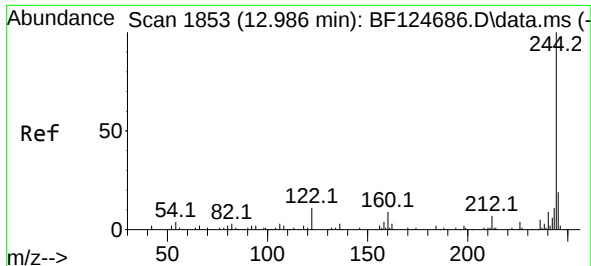
Tgt Ion:248 Resp: 1311
Ion Ratio Lower Upper
248 100
250 174.8 74.2 111.4#
141 531.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124691.D
Acq: 22 Jul 2021 15:56

Tgt Ion:240 Resp: 25321
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 25.4 21.6 32.4

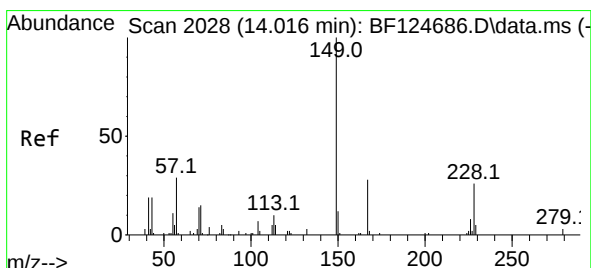
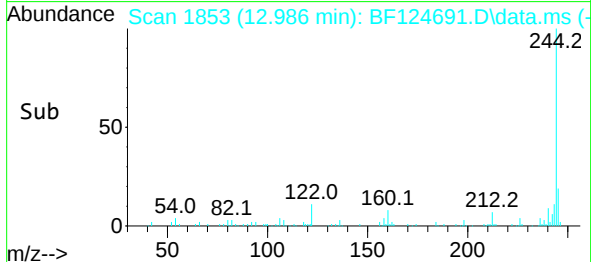
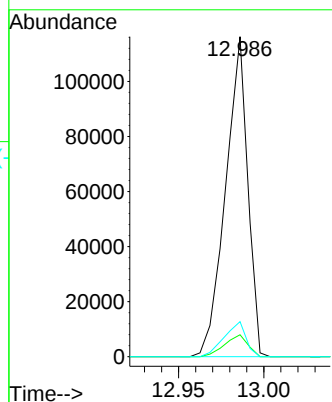
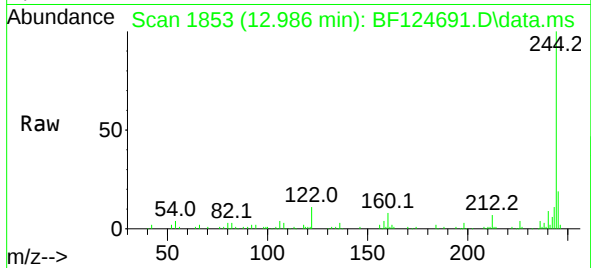




#79
 Terphenyl-d14
 Concen: 71.222 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124691.D
 Acq: 22 Jul 2021 15:56

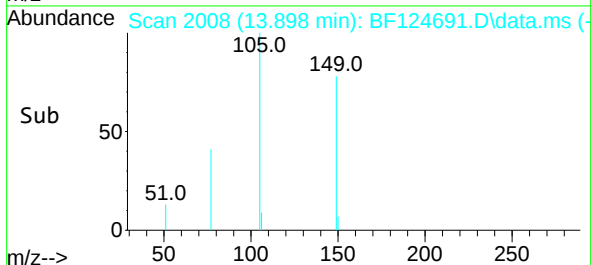
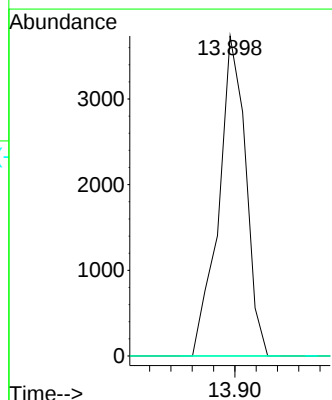
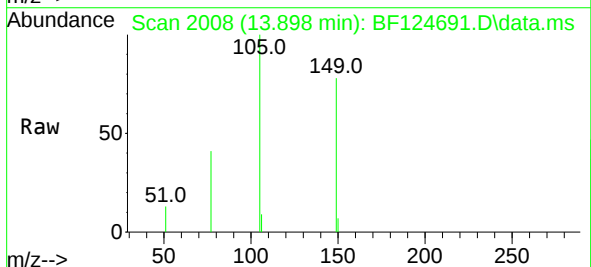
Instrument :
 BNA_F
 ClientSampleId :
 PB137815BL

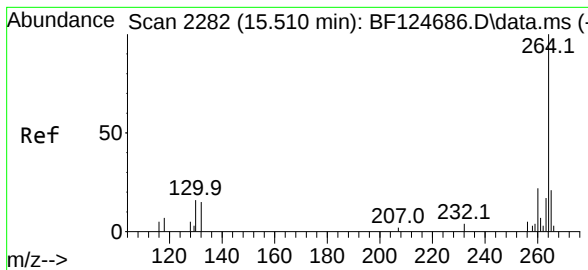
Tgt Ion:244 Resp: 105208
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.9 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.324 ng
 RT: 13.898 min Scan# 2008
 Delta R.T. -0.118 min
 Lab File: BF124691.D
 Acq: 22 Jul 2021 15:56

Tgt Ion:149 Resp: 3287
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.006 min
 Lab File: BF124691.D
 Acq: 22 Jul 2021 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB137815BL

Tgt Ion:	264	Resp:	22322
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.6	29.4
265	20.8	17.2	25.8

