

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124449.D
 Acq On : 25 Jun 2021 13:22
 Operator : JU/CG
 Sample : PB137242BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137242BL

Quant Time: Jun 25 14:00:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

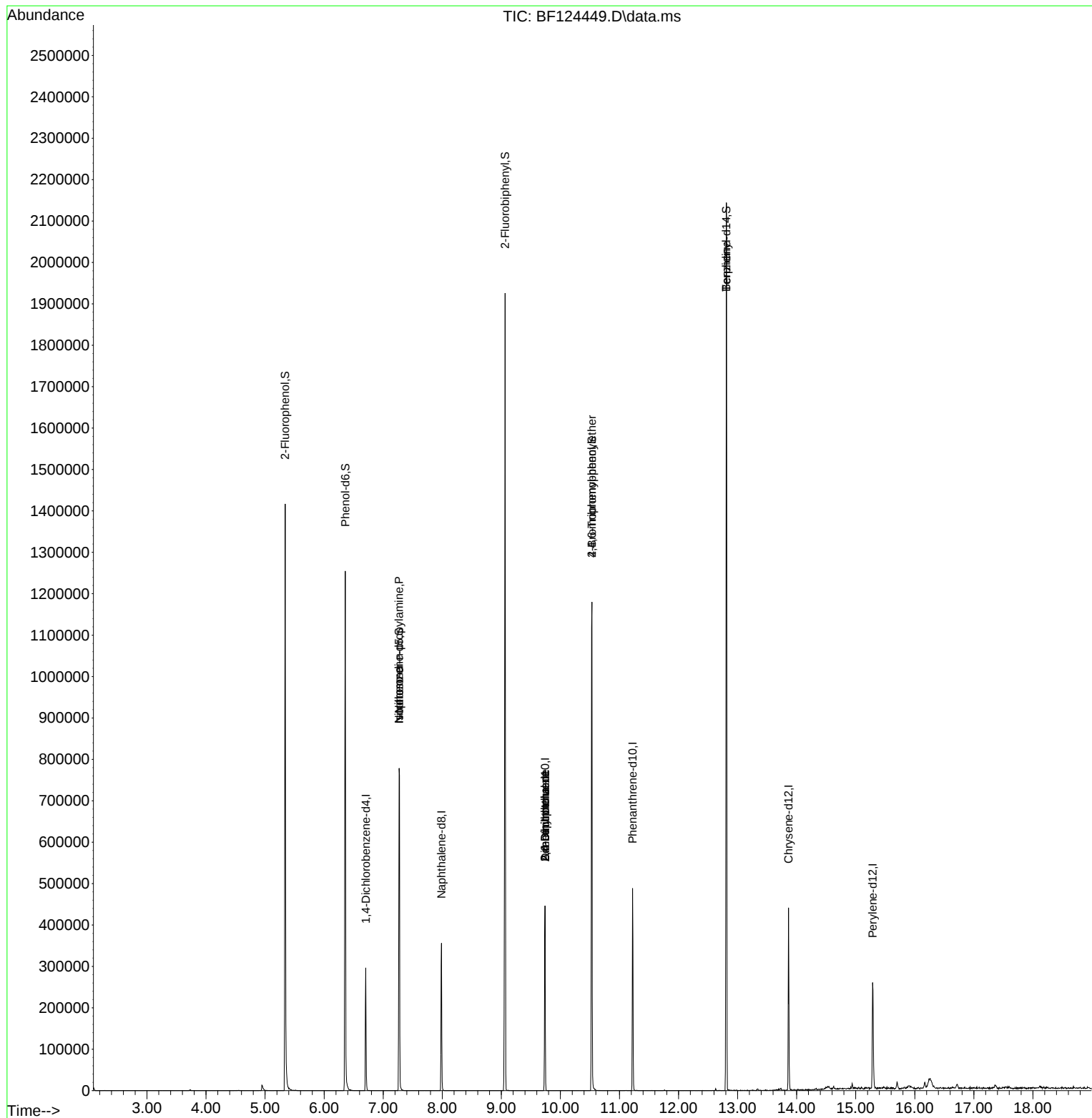
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	39076	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	154355	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	88179	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	168703	20.000	ng	0.00
76) Chrysene-d12	13.863	240	132195	20.000	ng	0.00
86) Perylene-d12	15.286	264	107130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	309645	124.623	ng	0.01
7) Phenol-d6	6.357	99	371182	114.414	ng	0.00
23) Nitrobenzene-d5	7.269	82	273073	73.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.533	330	134551	127.717	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	556717	77.339	ng	0.00
79) Terphenyl-d14	12.810	244	680564	77.109	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.269	70	40984	18.785	ng	# 65
25) Isophorone	7.269	82	273070	42.664	ng	# 69
50) Dimethylphthalate	9.739	163	18374	2.643	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	10865	6.766	ng	# 11
57) 2,4-Dinitrotoluene	9.739	165	10865	5.104	ng	# 17
67) 4-Bromophenyl-phenylether	10.533	248	10288	4.533	ng	# 1
77) Benzidine	12.810	184	11351	4.284	ng	97

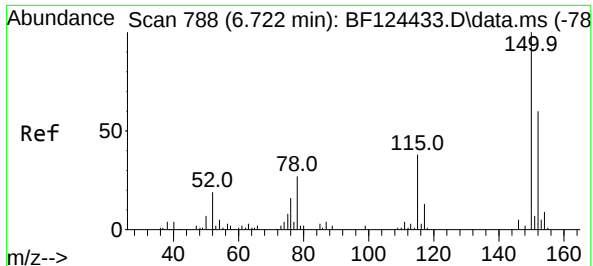
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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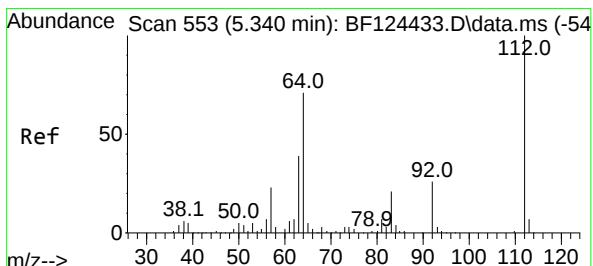
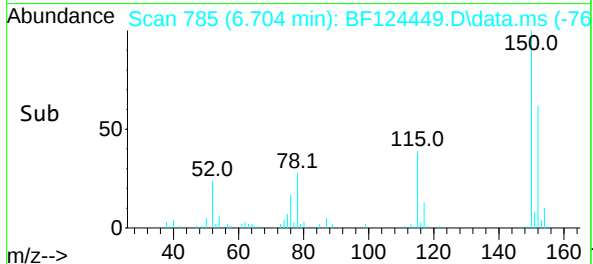
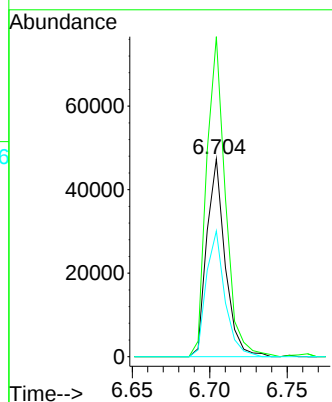
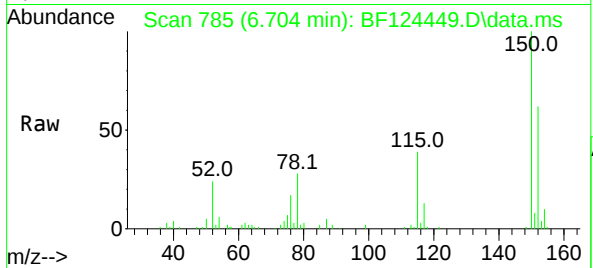




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

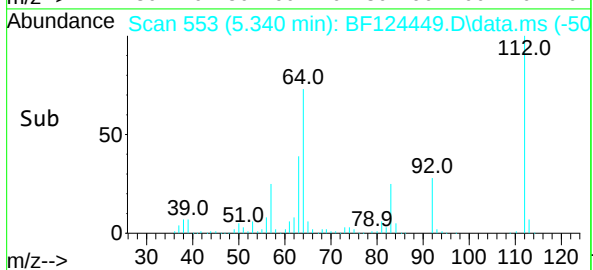
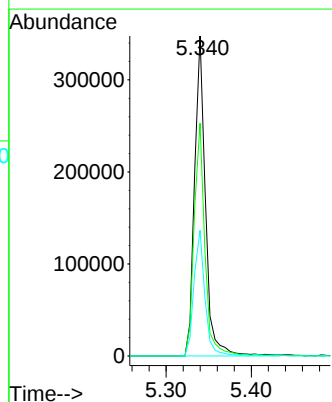
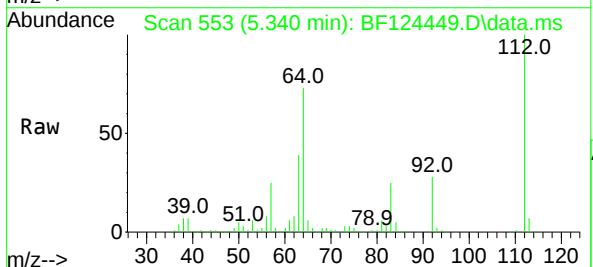
Instrument :
BNA_F
ClientSampleId :
PB137242BL

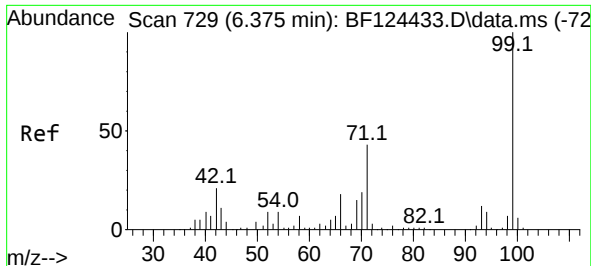
Tgt Ion:152 Resp: 39076
Ion Ratio Lower Upper
152 100
150 161.9 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 124.623 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Tgt Ion:112 Resp: 309645
Ion Ratio Lower Upper
112 100
64 72.7 61.4 92.0
63 39.3 33.0 49.4

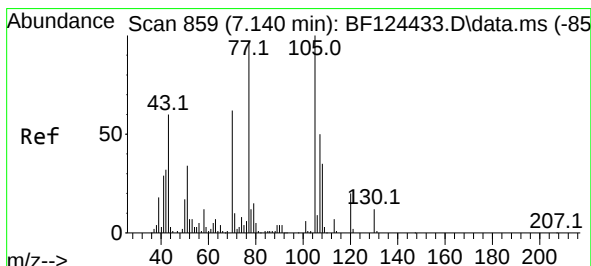
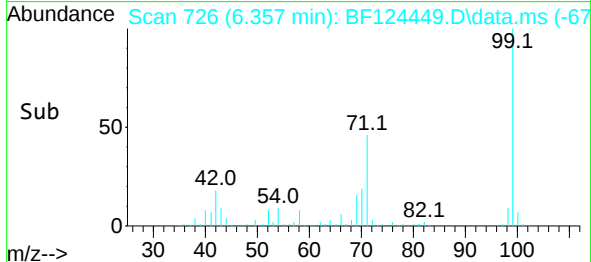
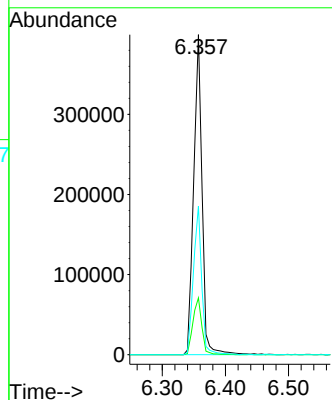
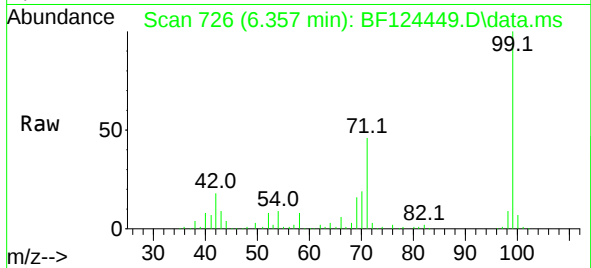




#7
Phenol-d6
Concen: 114.414 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

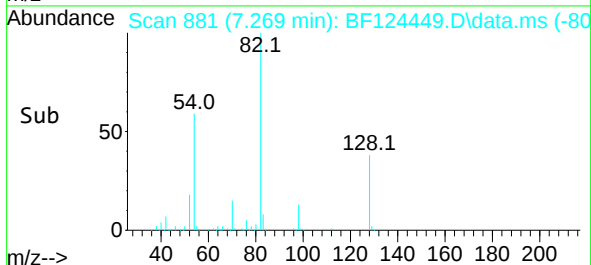
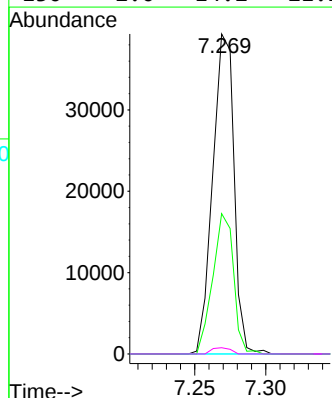
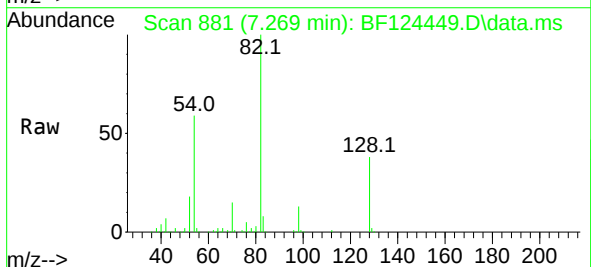
Instrument :
BNA_F
ClientSampleId :
PB137242BL

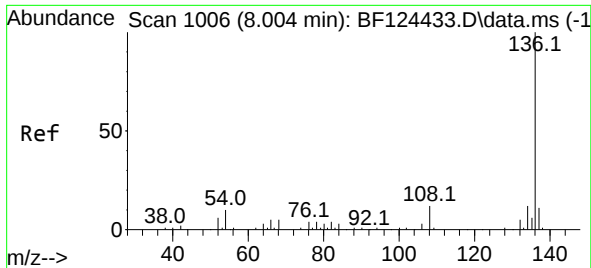
Tgt Ion: 99 Resp: 371182
Ion Ratio Lower Upper
99 100
42 17.8 19.8 29.8#
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.785 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Tgt Ion: 70 Resp: 40984
Ion Ratio Lower Upper
70 100
42 43.9 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

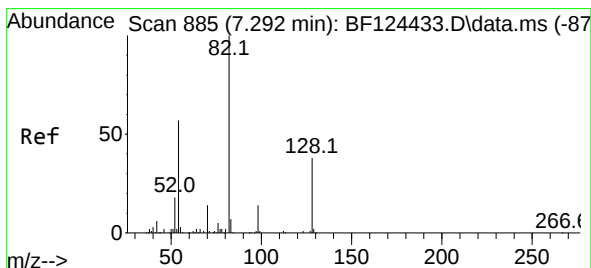
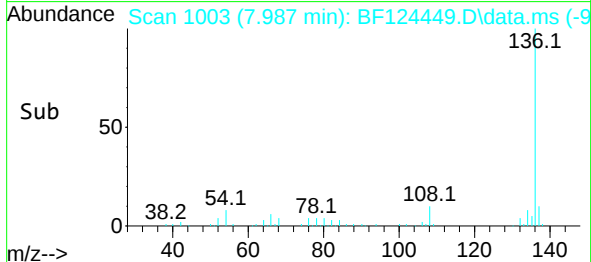
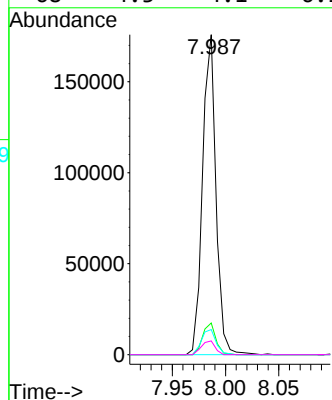
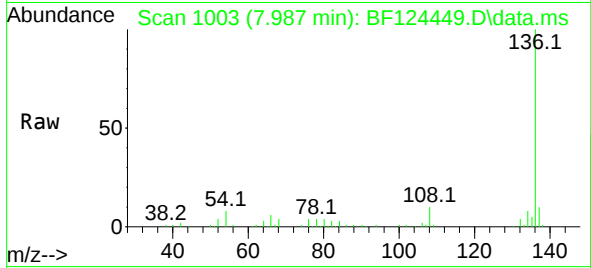




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

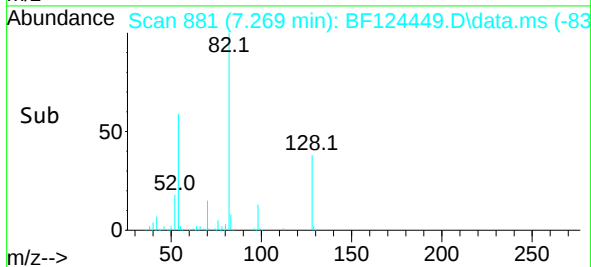
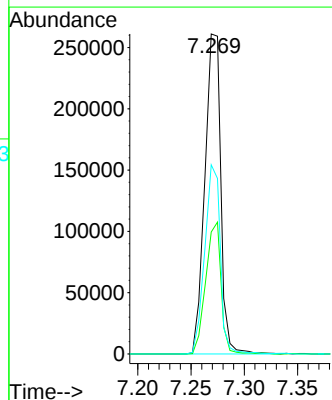
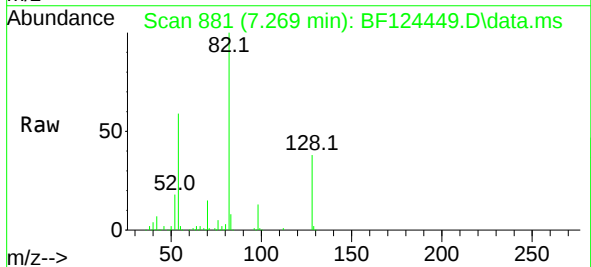
Instrument :
BNA_F
ClientSampleId :
PB137242BL

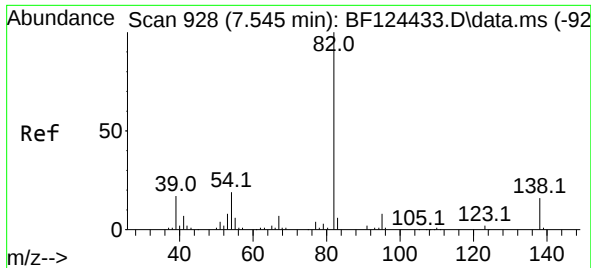
Tgt Ion:136	Resp: 154355
Ion Ratio	Lower Upper
136 100	
137 9.9	8.7 13.1
54 7.9	9.8 14.6#
68 4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 73.352 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Tgt Ion: 82	Resp: 273073
Ion Ratio	Lower Upper
82 100	
128 38.1	29.4 44.2
54 59.1	54.1 81.1

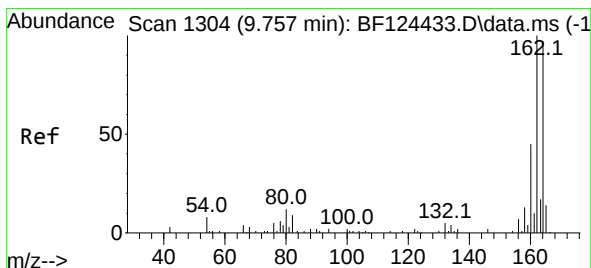
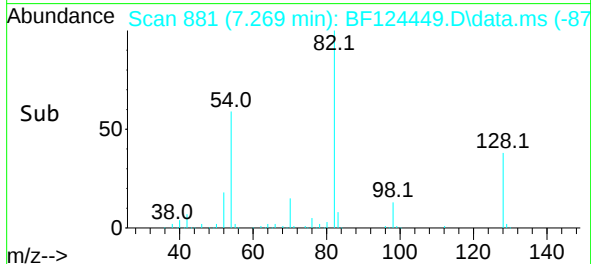
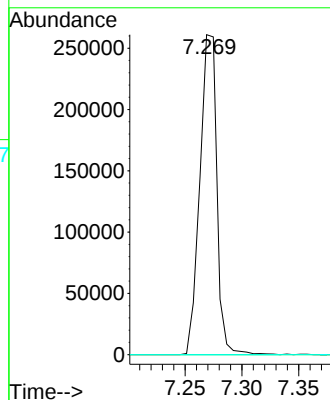
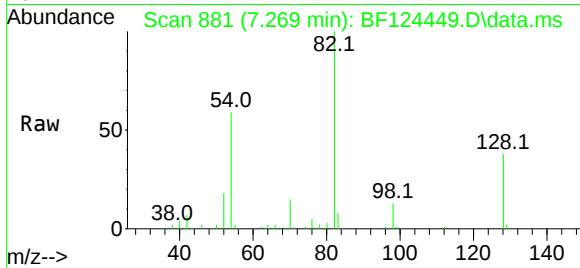




#25
Isophorone
Concen: 42.664 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.265 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

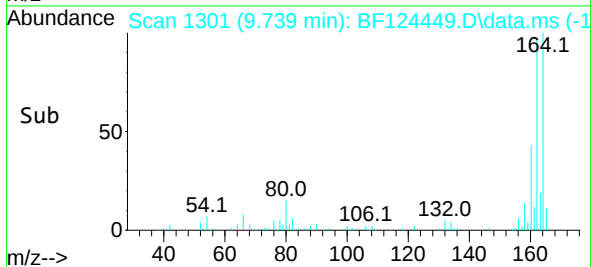
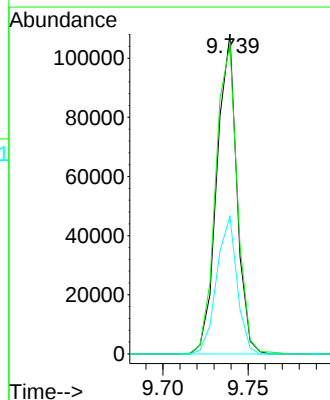
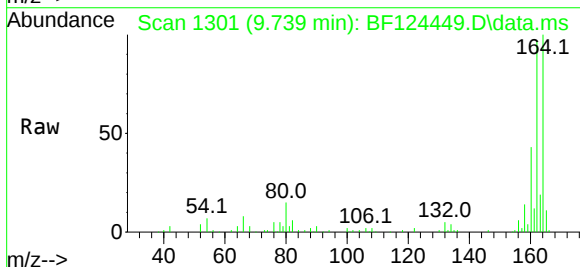
Instrument :
BNA_F
ClientSampleId :
PB137242BL

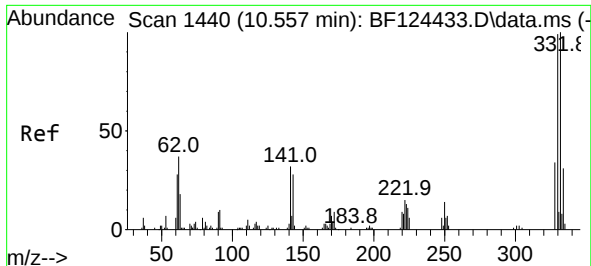
Tgt Ion: 82 Resp: 273070
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

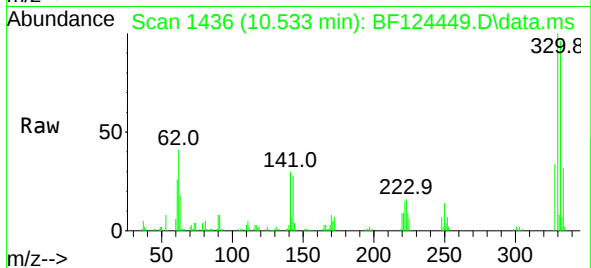
Tgt Ion: 164 Resp: 88179
Ion Ratio Lower Upper
164 100
162 96.8 80.7 121.1
160 43.0 37.3 55.9



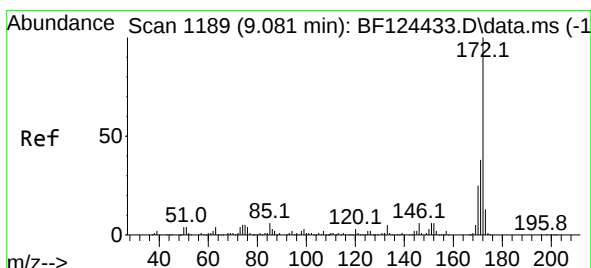
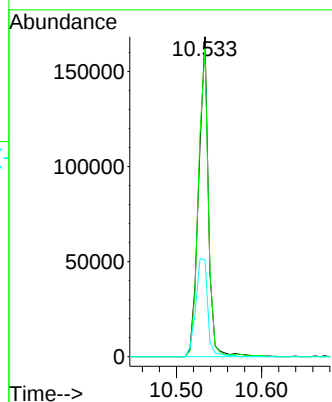
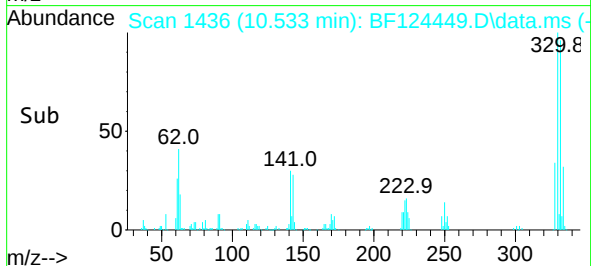


#42
2,4,6-Tribromophenol
Concen: 127.717 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

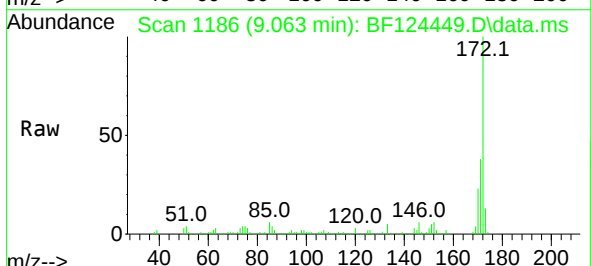
Instrument :
BNA_F
ClientSampleId :
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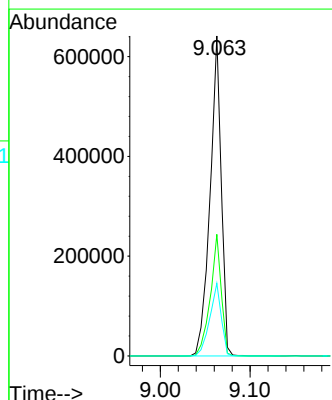
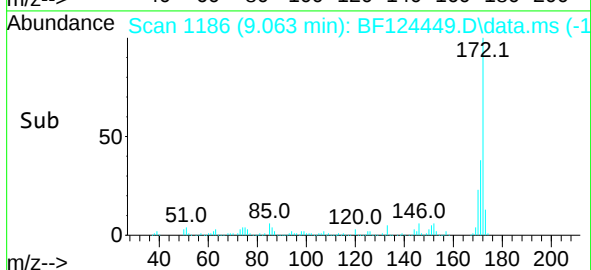
Tgt Ion: 330 Resp: 134551
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 37.5 27.9 41.9

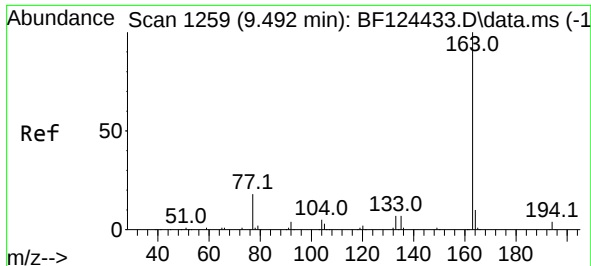


#45
2-Fluorobiphenyl
Concen: 77.339 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22



Tgt Ion: 172 Resp: 556717
Ion Ratio Lower Upper
172 100
171 38.0 28.1 42.1
170 22.7 19.2 28.8

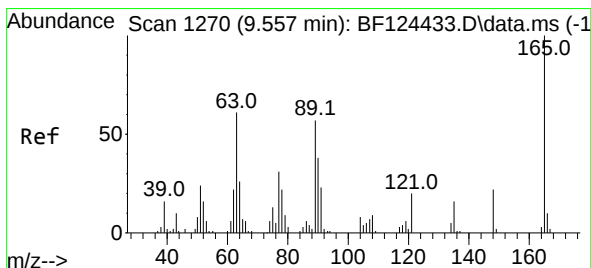
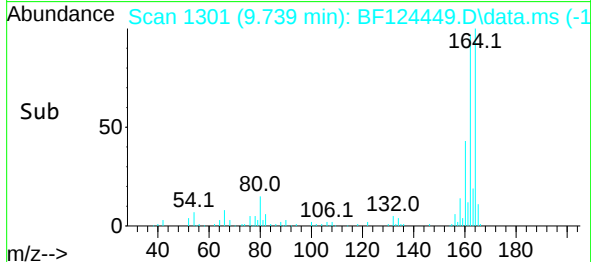
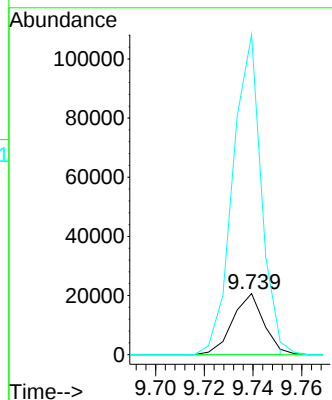
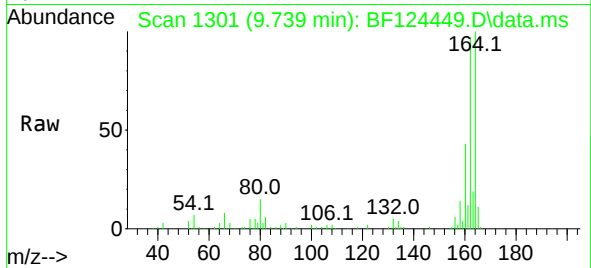




#50
Dimethylphthalate
Concen: 2.643 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.265 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

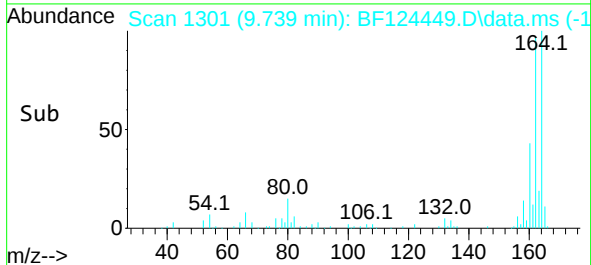
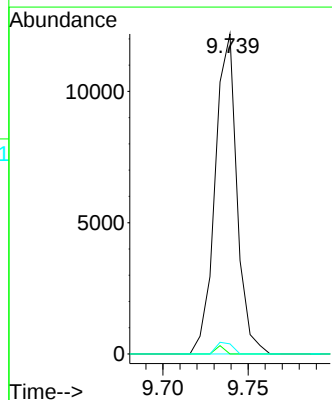
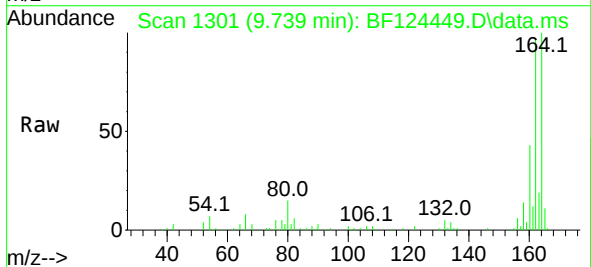
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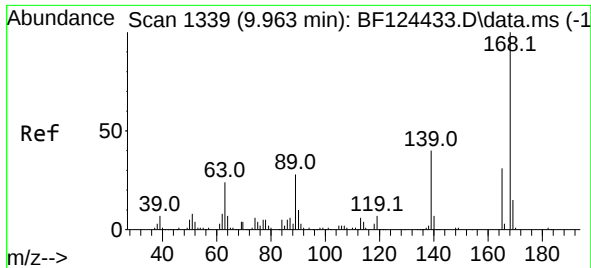
Tgt Ion:163 Resp: 18374
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 524.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.766 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.200 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

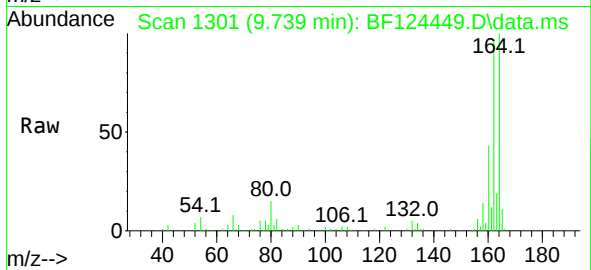
Tgt Ion:165 Resp: 10865
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.1 58.8 88.2#



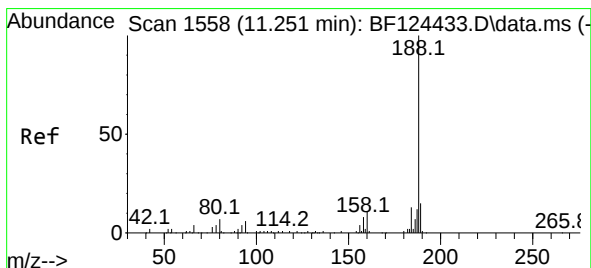
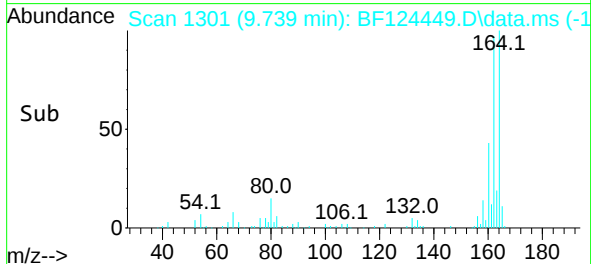
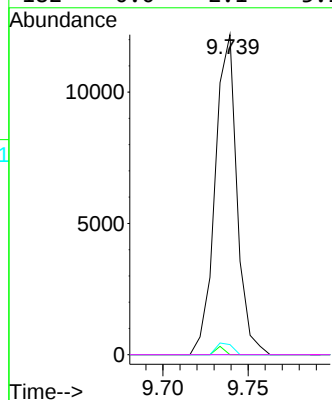


#57
2,4-Dinitrotoluene
Concen: 5.104 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.206 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Instrument :
BNA_F
ClientSampleId :
PB137242BL

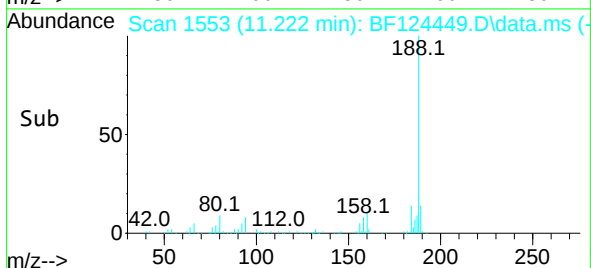
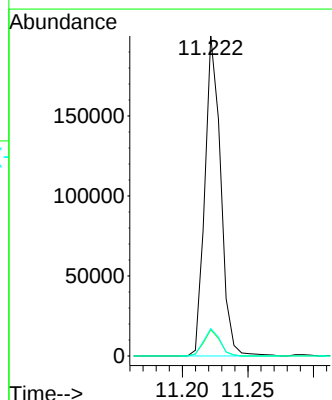
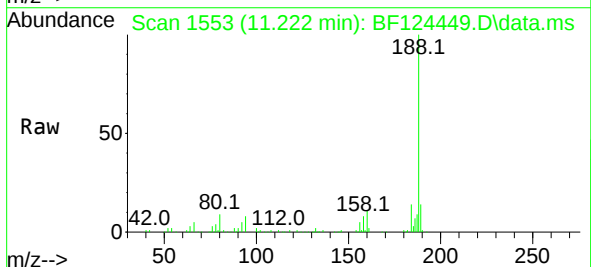


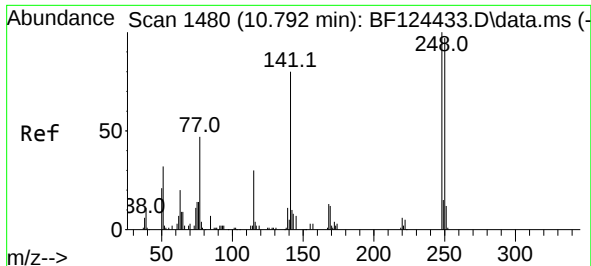
Tgt Ion:165 Resp: 10865
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.1 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Tgt Ion:188 Resp: 168703
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.6 8.2 12.2

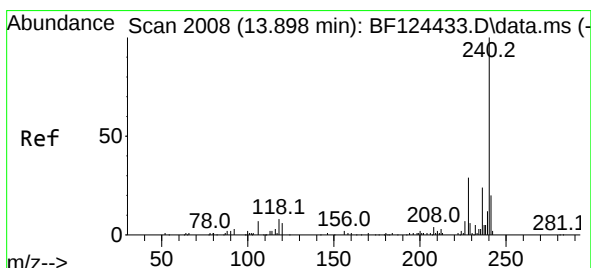
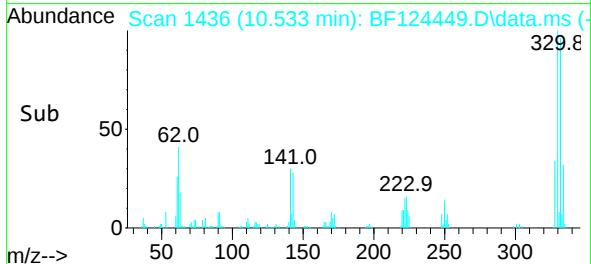
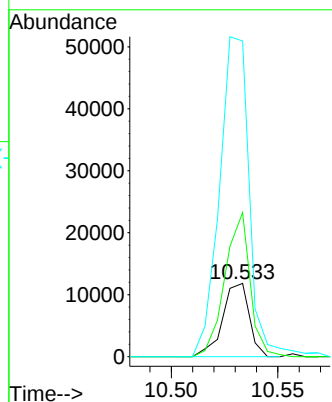
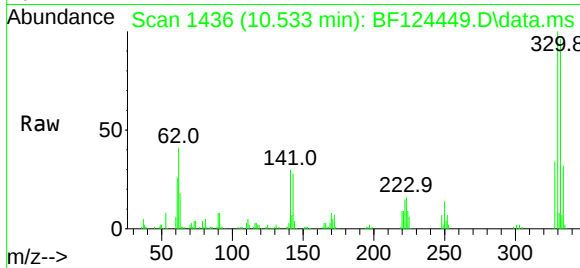




#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.235 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

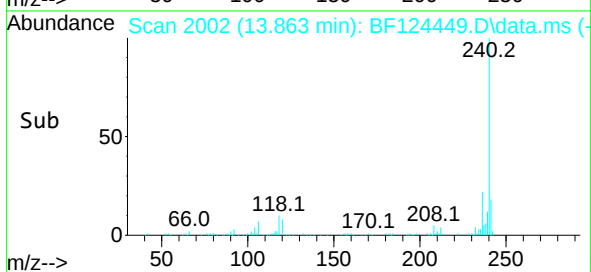
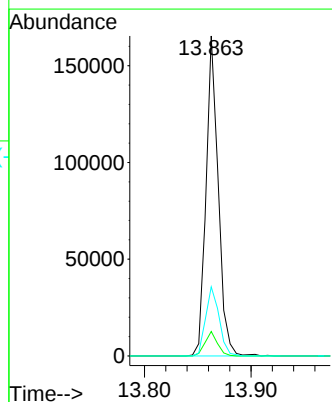
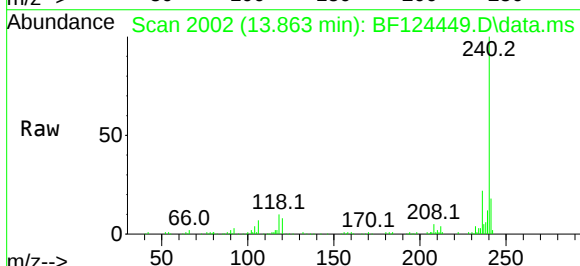
Instrument :
BNA_F
ClientSampleId :
PB137242BL

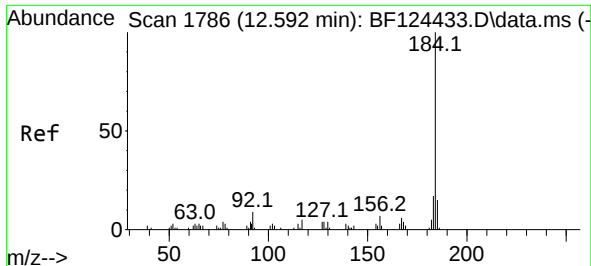
Tgt Ion:248 Resp: 10288
Ion Ratio Lower Upper
248 100
250 196.8 77.4 116.2#
141 430.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

Tgt Ion:240 Resp: 132195
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 21.6 19.0 28.4

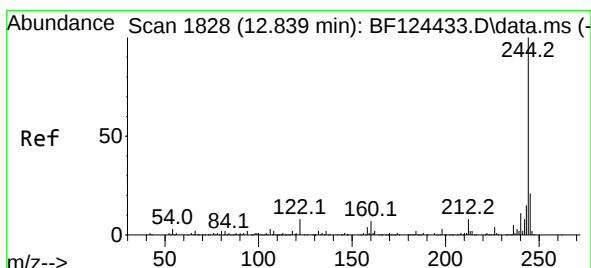
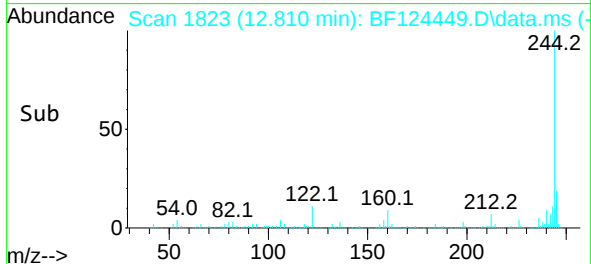
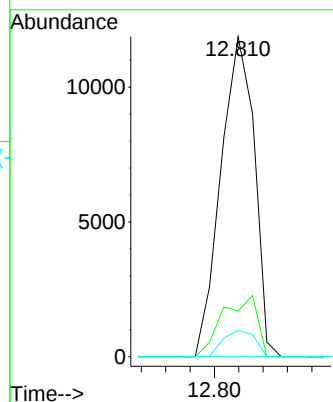
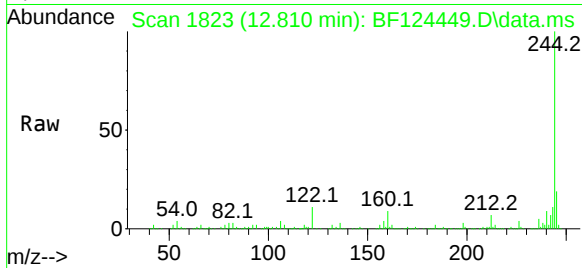




#77
Benzidine
Concen: 4.284 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

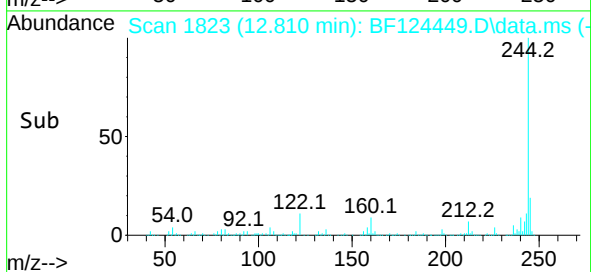
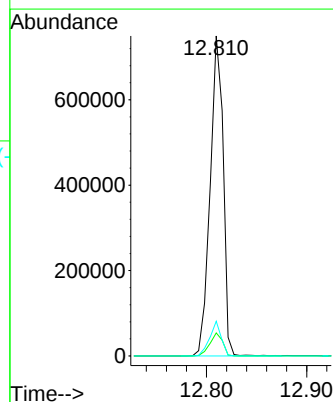
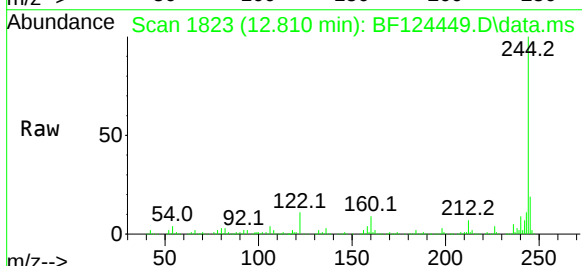
Instrument :
BNA_F
ClientSampleId :
PB137242BL

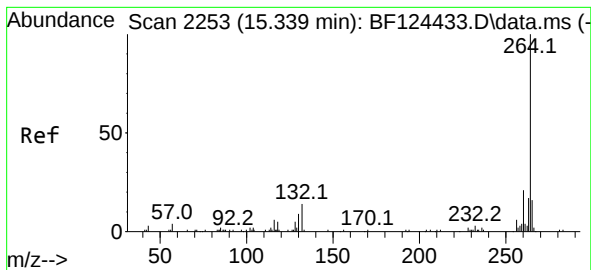
Tgt Ion:184 Resp: 11351
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 8.1 7.8 11.8



#79
Terphenyl-d14
Concen: 77.109 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF124449.D
Acq: 25 Jun 2021 13:22

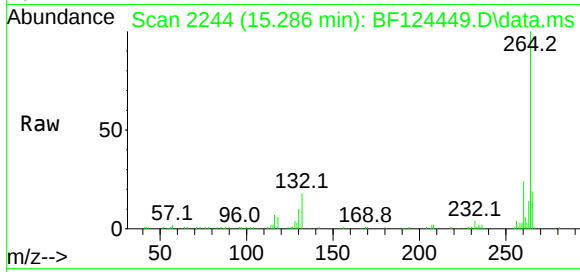
Tgt Ion:244 Resp: 680564
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.8 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124449.D
 Acq: 25 Jun 2021 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB137242BL



Tgt Ion:264 Resp: 107130
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 19.2 17.8 26.8

