

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124638.D
 Acq On : 20 Jul 2021 20:53
 Operator : JU/CG
 Sample : PB137705BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137705BL

Quant Time: Jul 21 03:13:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

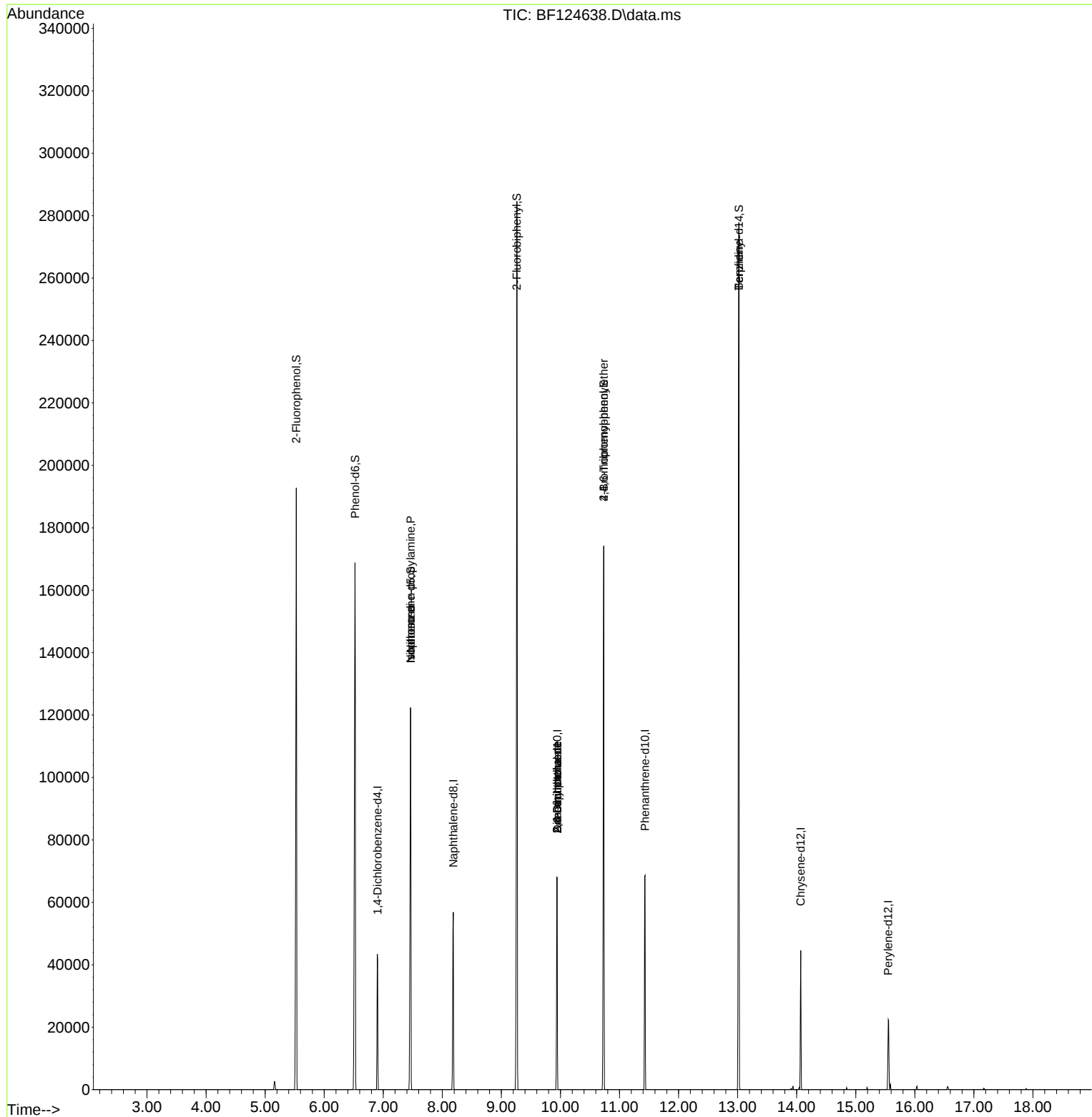
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7038	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	28787	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	15962	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	28552	20.00	ng	#-0.01
76) Chrysene-d12	14.068	240	15689	20.00	ng	#-0.02
86) Perylene-d12	15.551	264	12562	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	57581	141.75	ng	0.00
7) Phenol-d6	6.522	99	66509	134.59	ng	-0.02
23) Nitrobenzene-d5	7.463	82	40870	89.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	16935	136.34	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	92435	84.45	ng	-0.02
79) Terphenyl-d14	13.021	244	90386	96.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	5247	18.89	ng	# 72
25) Isophorone	7.463	82	40385	48.24	ng	# 59
50) Dimethylphthalate	9.945	163	2804	2.52	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	2080	9.50	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	2080	6.94	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	1271	4.30	ng	# 1
77) Benzidine	13.021	184	1426	2.43	ng	# 69

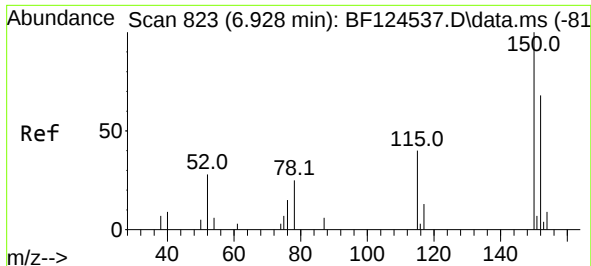
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124638.D
Acq On : 20 Jul 2021 20:53
Operator : JU/CG
Sample : PB137705BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137705BL

Quant Time: Jul 21 03:13:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

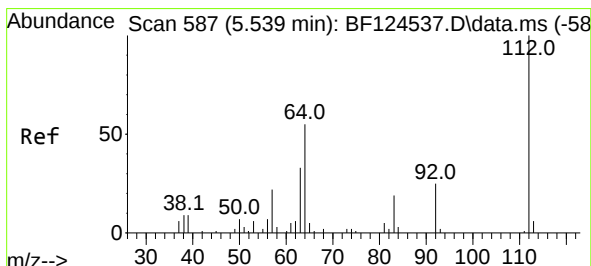
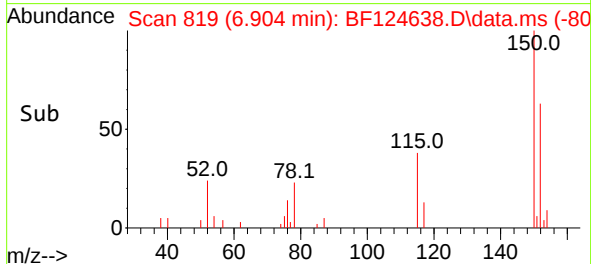
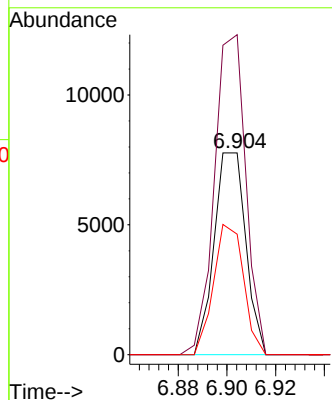
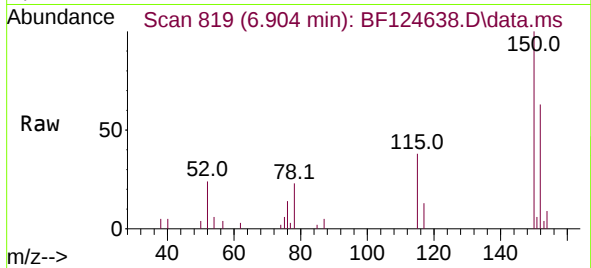




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

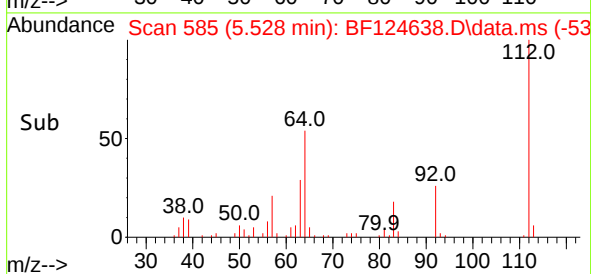
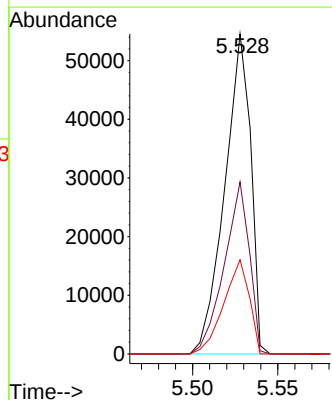
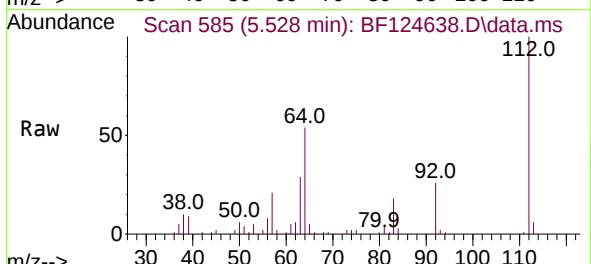
Instrument :
BNA_F
ClientSampleId :
PB137705BL

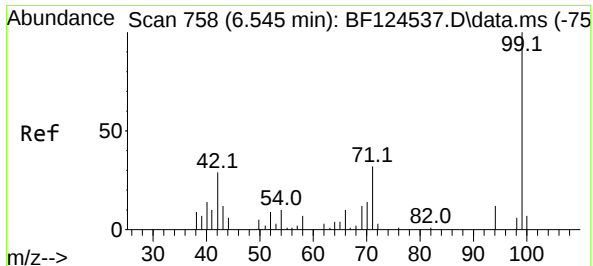
Tgt Ion:152 Resp: 7038
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 141.75 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion:112 Resp: 57581
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 29.5 26.2 39.2

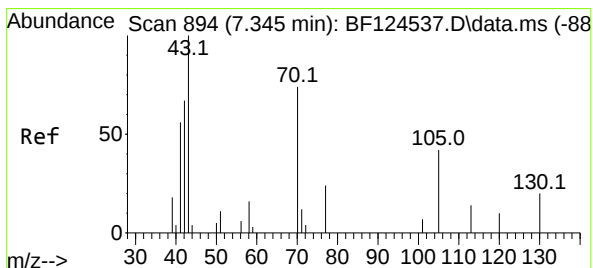
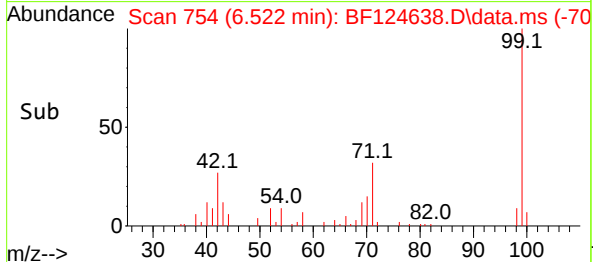
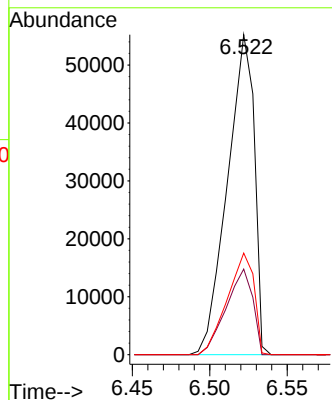
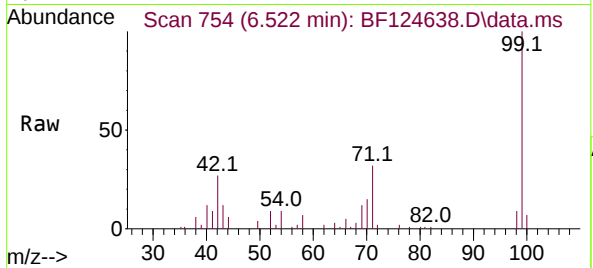




#7
Phenol-d6
Concen: 134.59 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

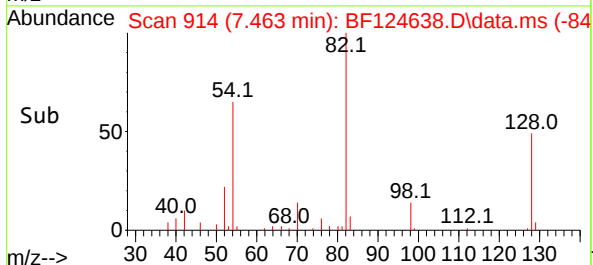
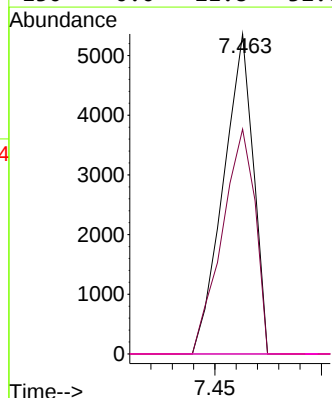
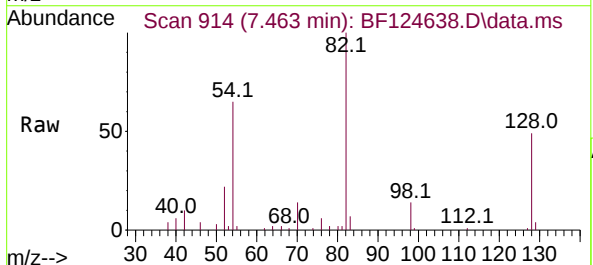
Instrument :
BNA_F
ClientSampleID :
PB137705BL

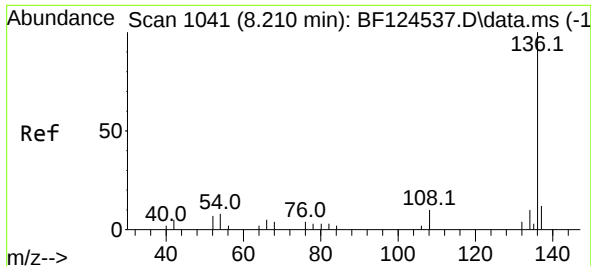
Tgt Ion:	99	Resp:	66509
Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.5	35.3
71	31.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.130 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion:	70	Resp:	5247
Ion	Ratio	Lower	Upper
70	100		
42	70.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



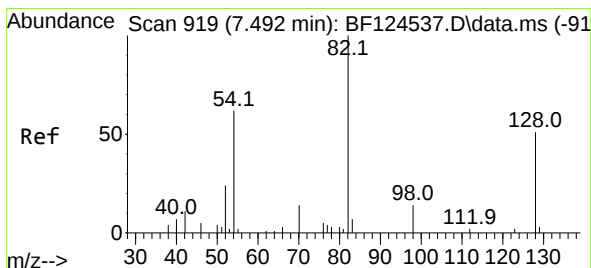
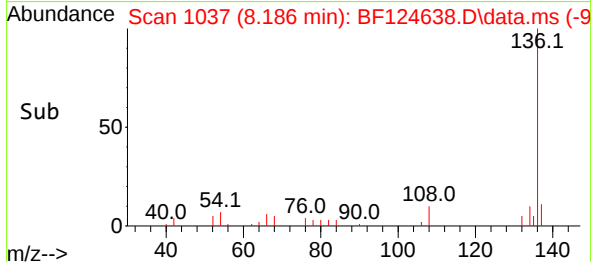
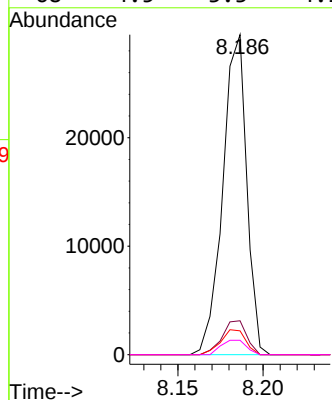
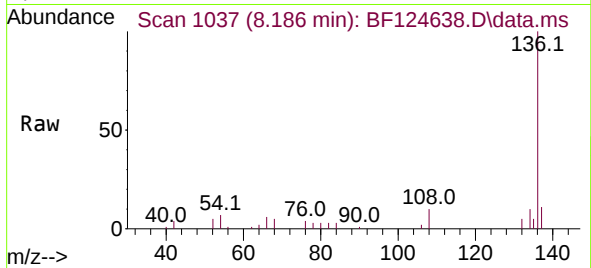


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Instrument :
BNA_F
ClientSampleId :
PB137705BL

Tgt Ion:136 Resp: 28787

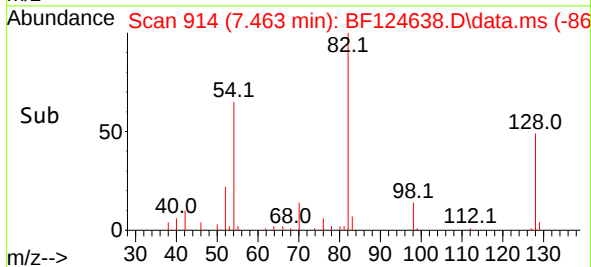
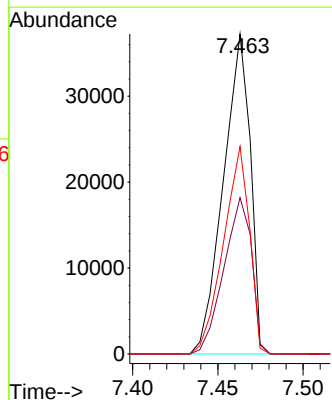
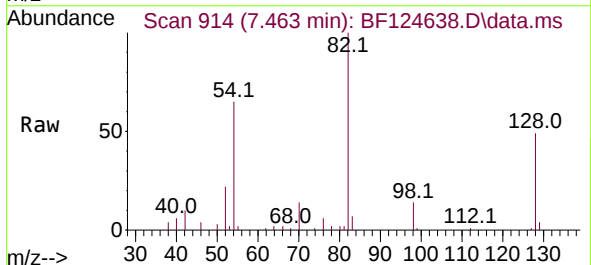
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	7.5	6.4	9.6
68	4.5	3.3	4.9

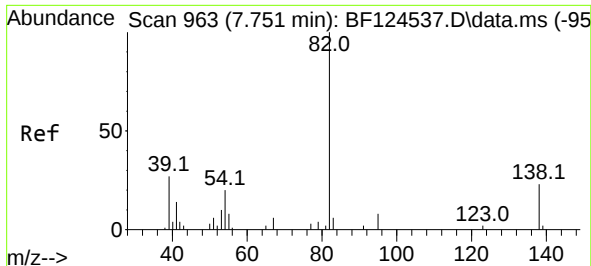


#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion: 82 Resp: 40870

Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.6	60.8
54	64.8	49.6	74.4

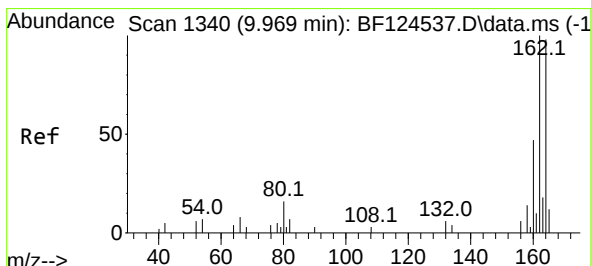
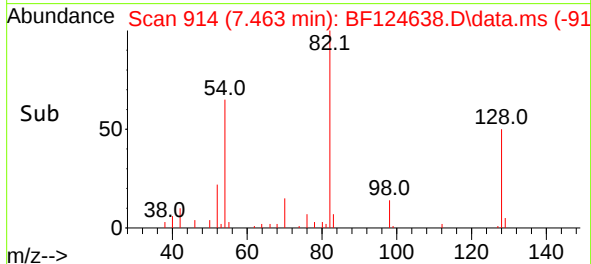
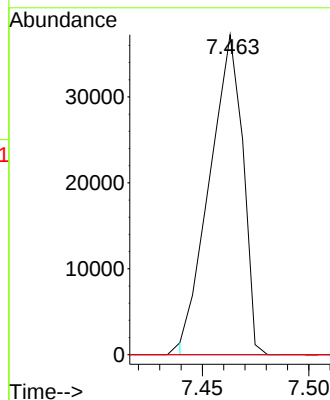
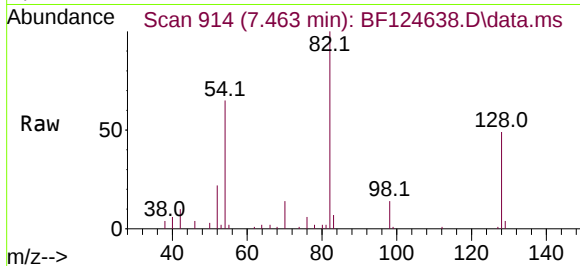




#25
Isophorone
Concen: 48.24 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

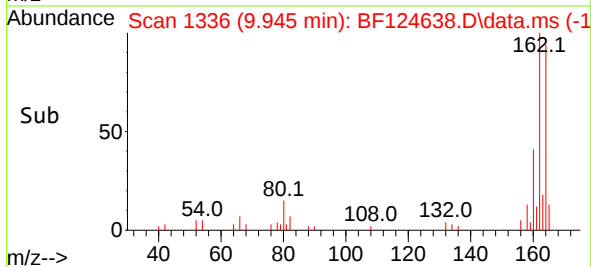
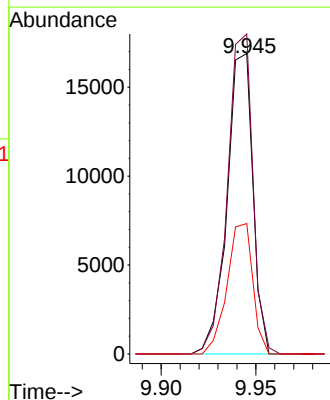
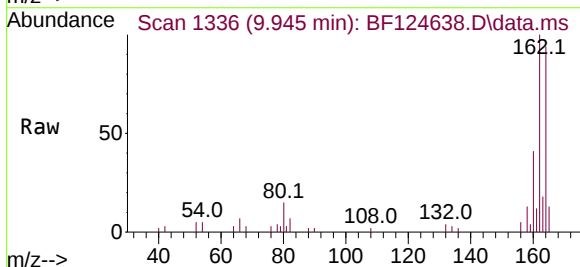
Instrument :
BNA_F
ClientSampleId :
PB137705BL

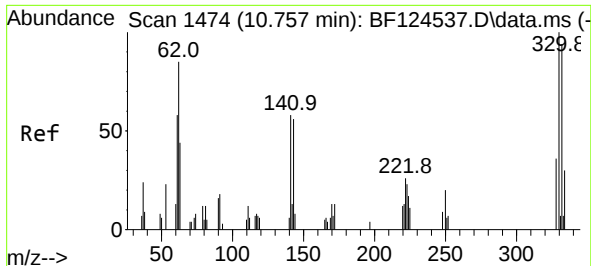
Tgt Ion: 82 Resp: 40385
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion: 164 Resp: 15962
Ion Ratio Lower Upper
164 100
162 106.5 81.3 121.9
160 43.4 38.0 57.0

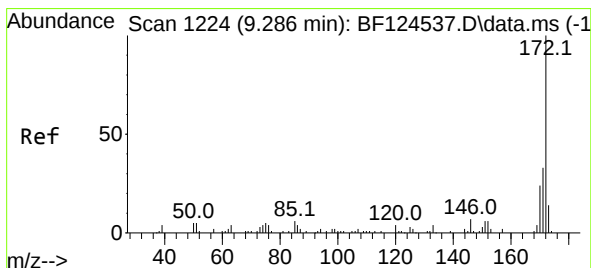
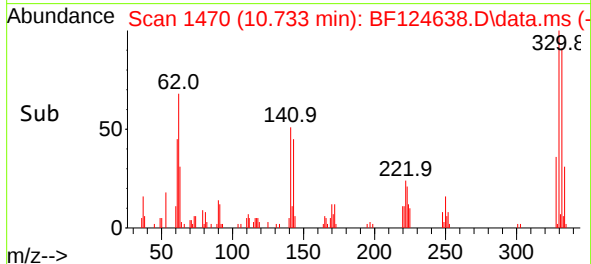
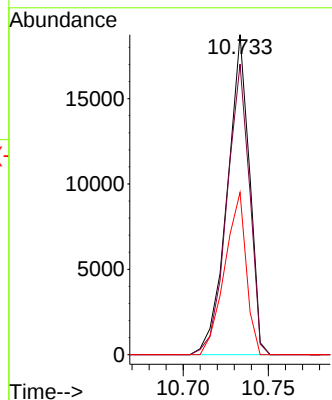
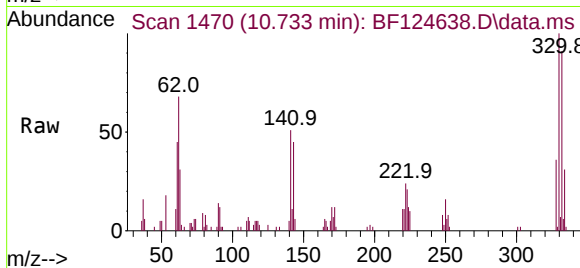




#42
2,4,6-Tribromophenol
Concen: 136.34 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

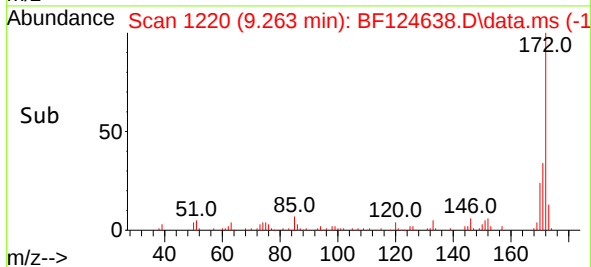
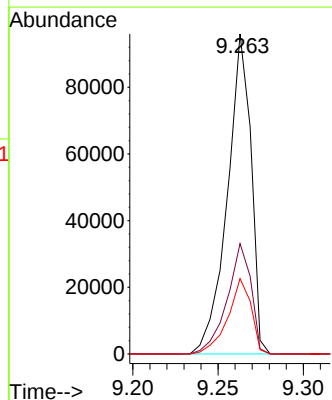
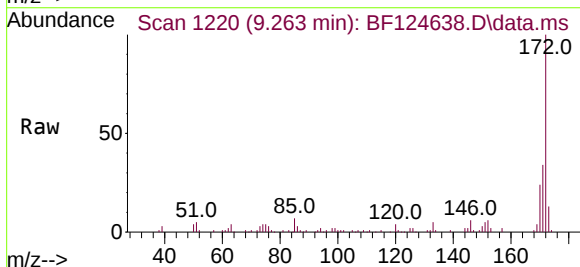
Instrument :
BNA_F
ClientSampleId :
PB137705BL

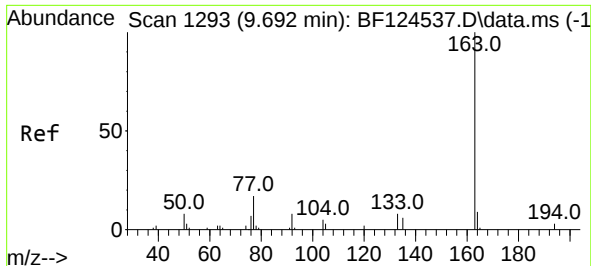
Tgt Ion: 330 Resp: 16935
Ion Ratio Lower Upper
330 100
332 92.2 76.2 114.4
141 49.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 84.45 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion: 172 Resp: 92435
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.6 18.8 28.2

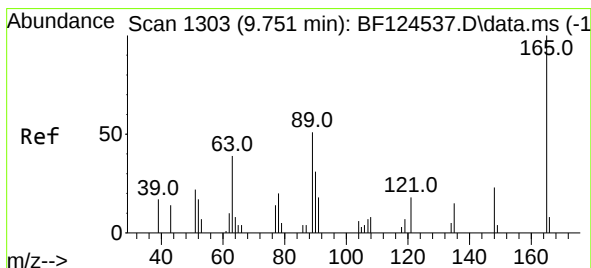
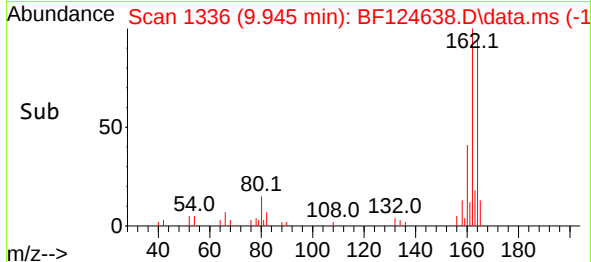
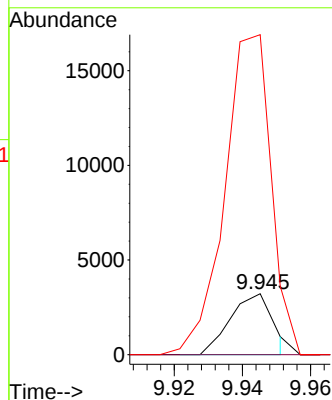
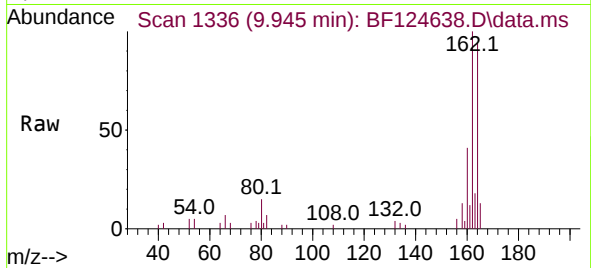




#50
Dimethylphthalate
Concen: 2.52 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

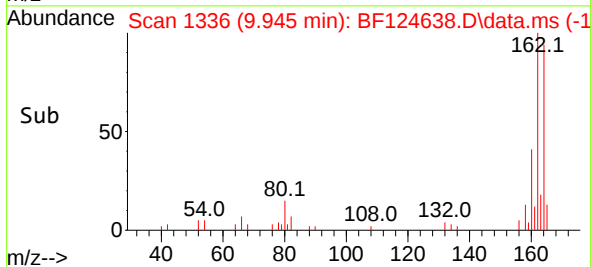
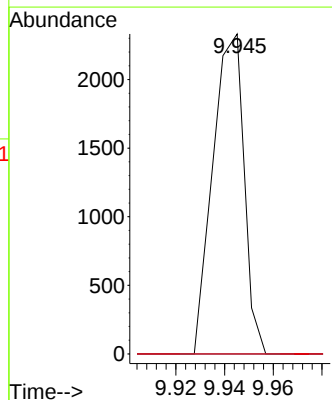
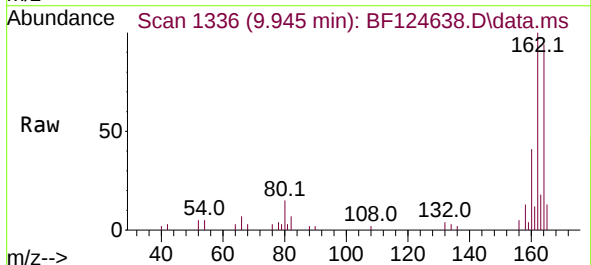
Instrument :
BNA_F
ClientSampleId :
PB137705BL

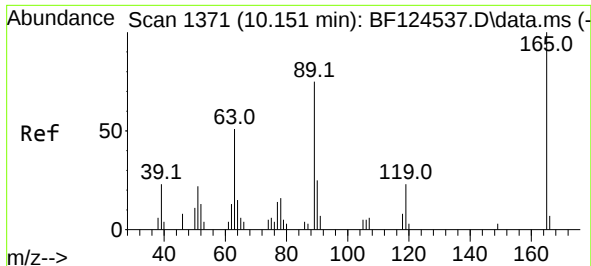
Tgt Ion:163 Resp: 2804
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 524.5 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.50 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion:165 Resp: 2080
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

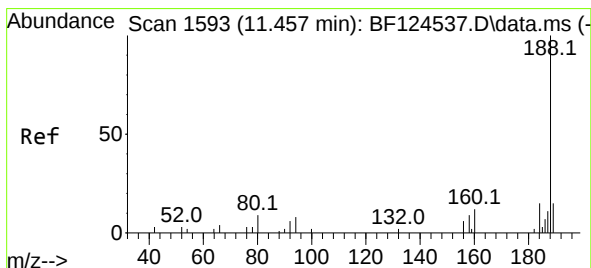
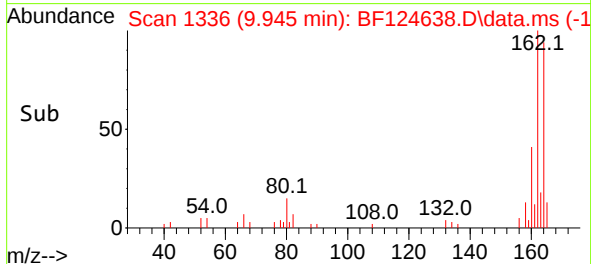
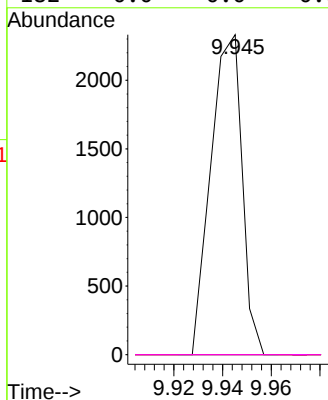
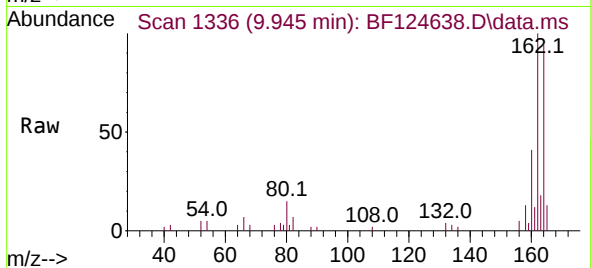




#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

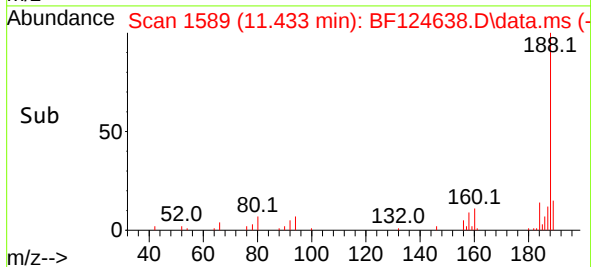
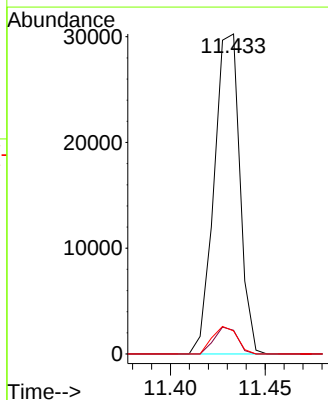
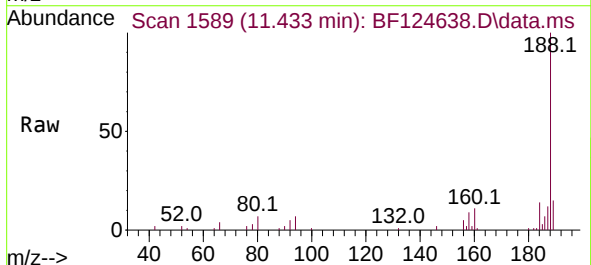
Instrument :
BNA_F
ClientSampleId :
PB137705BL

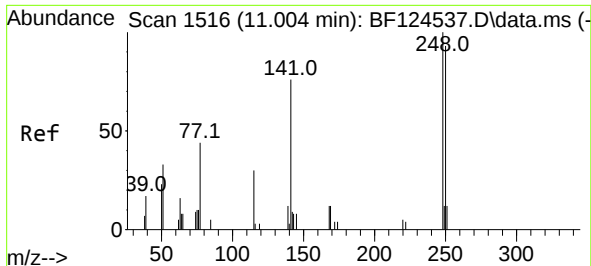
Tgt Ion:165 Resp: 2080
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion:188 Resp: 28552
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 7.2 7.5 11.3#

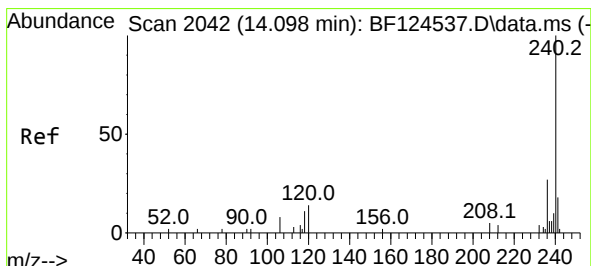
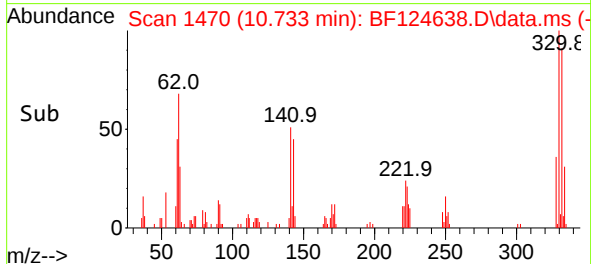
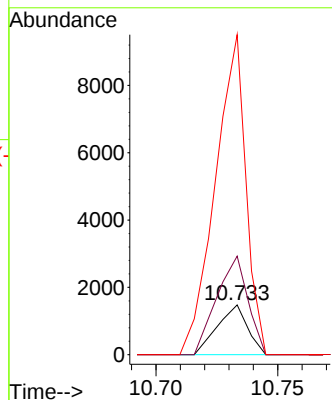
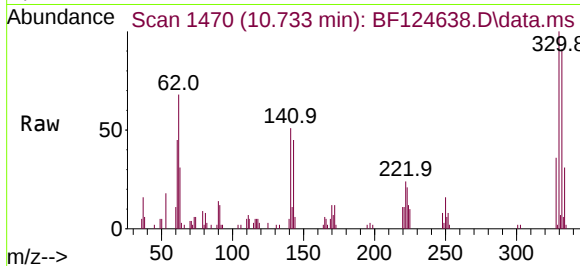




#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

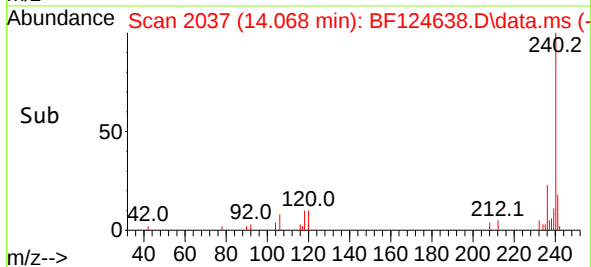
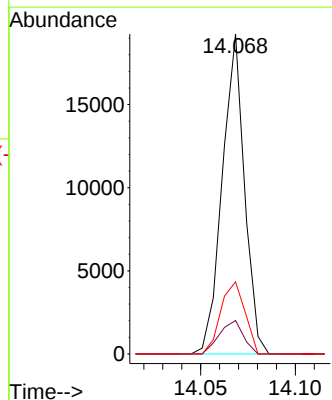
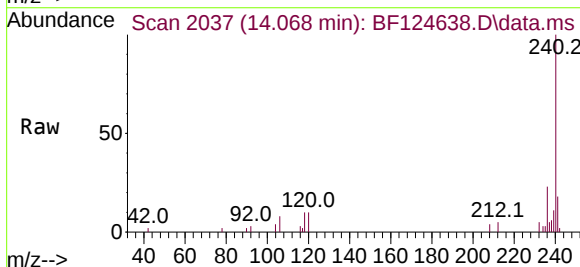
Instrument :
BNA_F
ClientSampleId :
PB137705BL

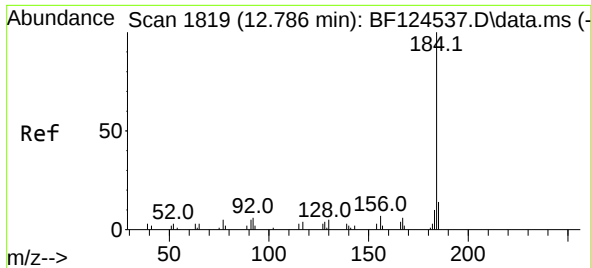
Tgt Ion:248 Resp: 1271
Ion Ratio Lower Upper
248 100
250 197.7 74.2 111.4#
141 642.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Tgt Ion:240 Resp: 15689
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 22.5 21.6 32.4

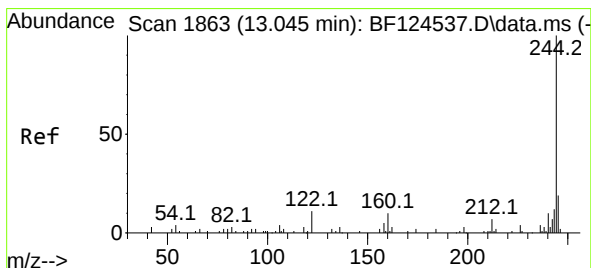
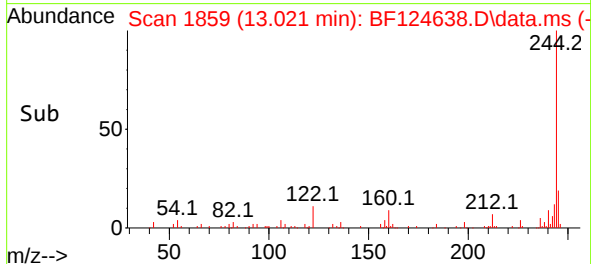
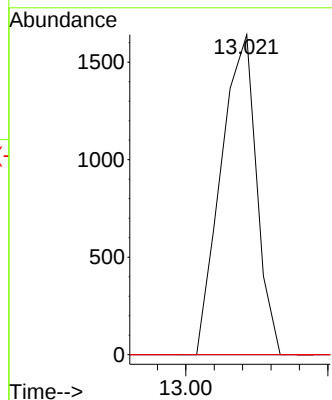
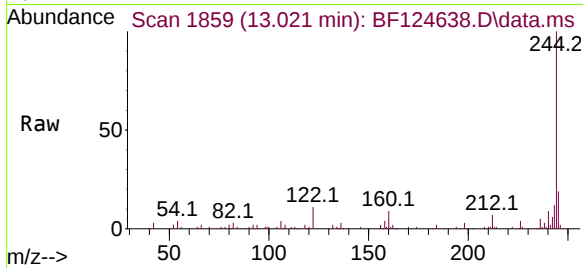




#77
Benzidine
Concen: 2.43 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

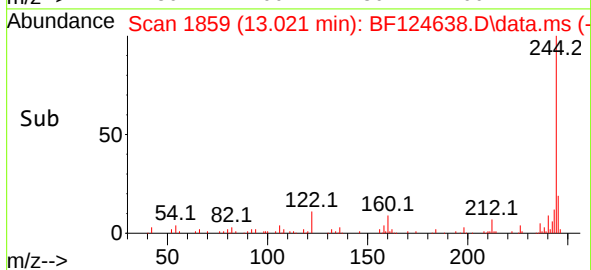
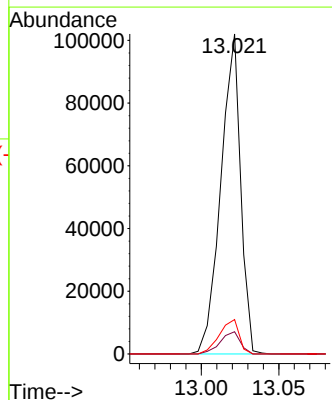
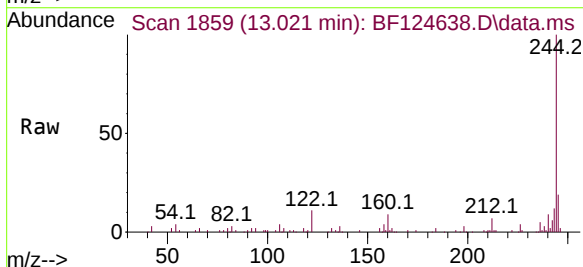
Instrument :
BNA_F
ClientSampleId :
PB137705BL

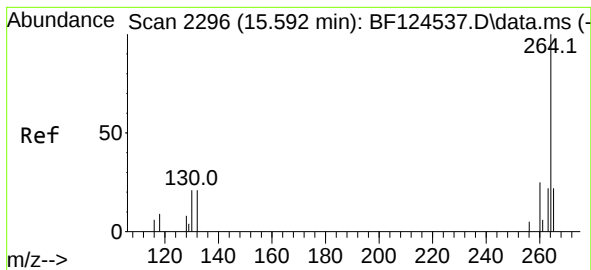
Tgt Ion:184 Resp: 1426
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 96.74 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

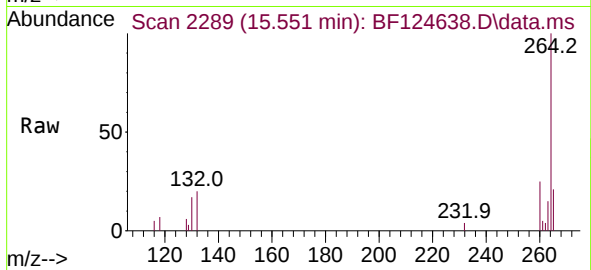
Tgt Ion:244 Resp: 90386
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.8 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.017 min
Lab File: BF124638.D
Acq: 20 Jul 2021 20:53

Instrument :
BNA_F
ClientSampleId :
PB137705BL



Tgt Ion:264	Resp:	12562
Ion	Ratio	Lower Upper
264	100	
260	24.9	19.6 29.4
265	21.2	17.2 25.8

