

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
 Data File : BF124542.D
 Acq On : 7 Jul 2021 22:58
 Operator : JU/CG
 Sample : PB137511BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137511BL

Quant Time: Jul 08 05:17:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 05:15:31 2021
 Response via : Initial Calibration

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

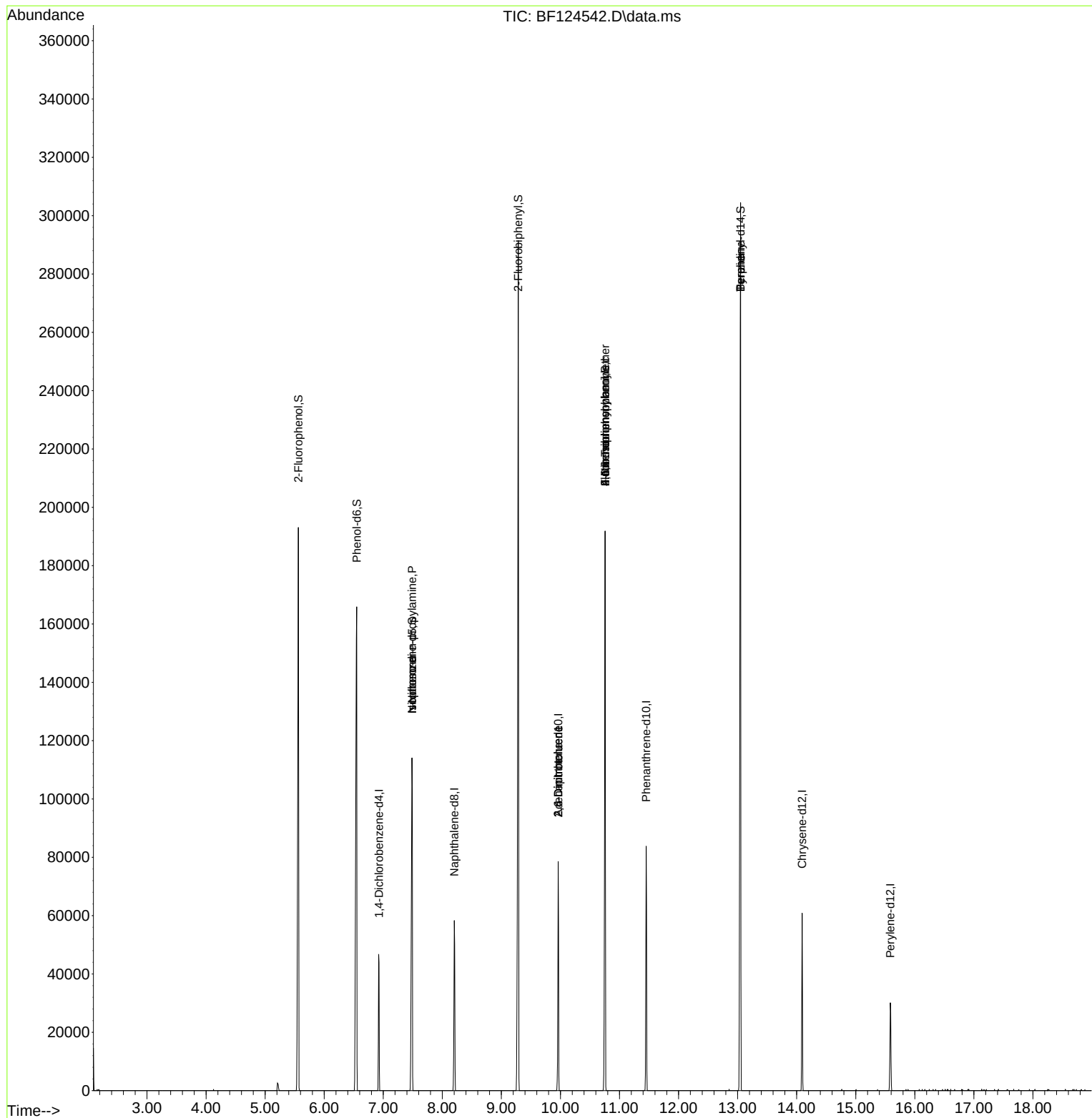
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	8041	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	31013	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	16966	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	31091	20.00	ng	0.00
76) Chrysene-d12	14.092	240	21013	20.00	ng	0.00
86) Perylene-d12	15.586	264	14599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	62027	133.65	ng	0.02
7) Phenol-d6	6.551	99	71936	127.41	ng	0.00
23) Nitrobenzene-d5	7.486	82	44814	91.22	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	18518	140.26	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	104765	90.05	ng	0.00
79) Terphenyl-d14	13.051	244	114741	91.69	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	6239	19.66	ng	# 72
25) Isophorone	7.486	82	44639	49.50	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2074	8.91	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2074	6.51	ng	# 18
58) Fluorene	10.757	166	979	0.85	ng	# 87
66) n-Nitrosodiphenylamine	10.757	169	817	0.81	ng	# 37
67) 4-Bromophenyl-phenylether	10.757	248	1500	4.67	ng	# 1
77) Benzidine	13.051	184	1730	2.20	ng	# 82
78) Pyrene	13.051	202	288	0.16	ng	# 59

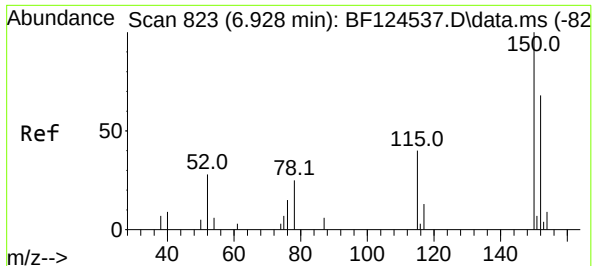
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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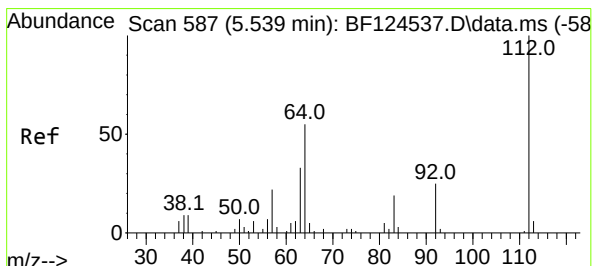
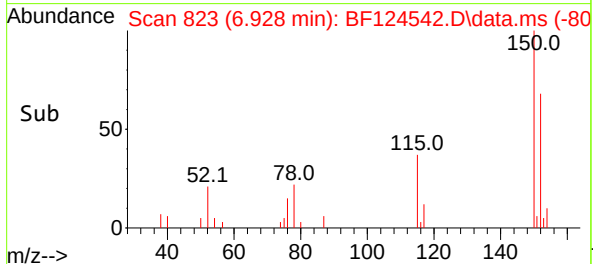
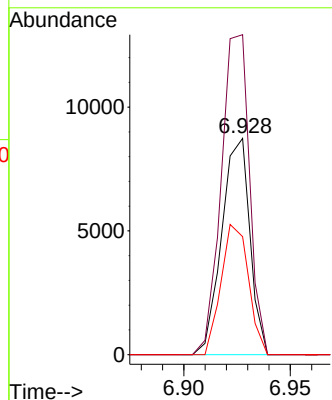
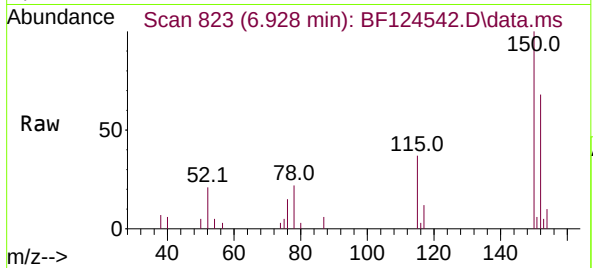




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.928 min Scan# 823
 Delta R.T. -0.000 min
 Lab File: BF124542.D
 Acq: 7 Jul 2021 22:58

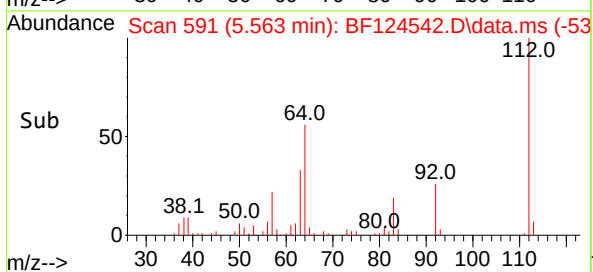
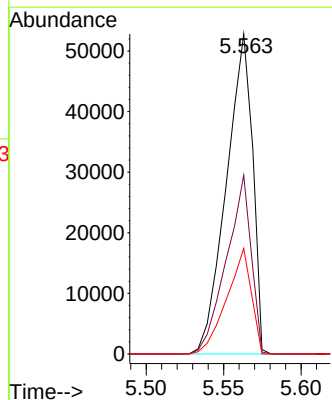
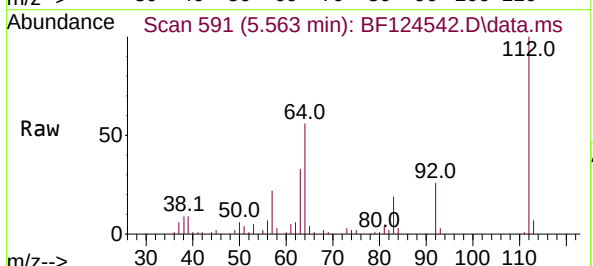
Instrument :
 BNA_F
 ClientSampleId :
 PB137511BL

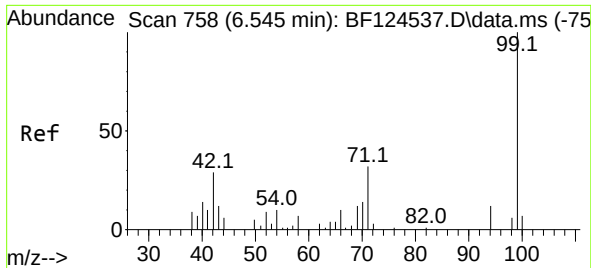
Tgt Ion:152 Resp: 8041
 Ion Ratio Lower Upper
 152 100
 150 147.9 117.6 176.4
 115 54.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 133.65 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.024 min
 Lab File: BF124542.D
 Acq: 7 Jul 2021 22:58

Tgt Ion:112 Resp: 62027
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.2 66.2
 63 33.0 26.2 39.2

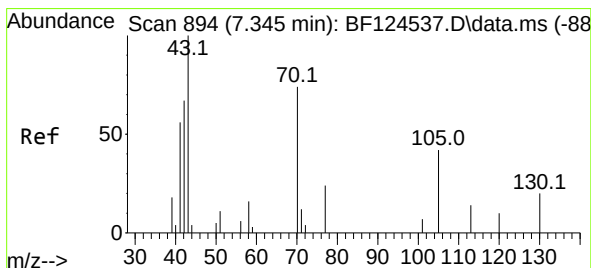
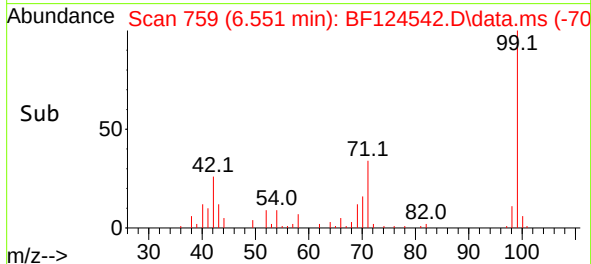
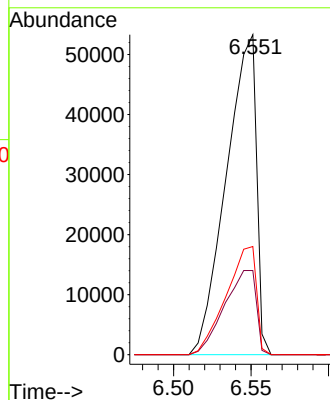
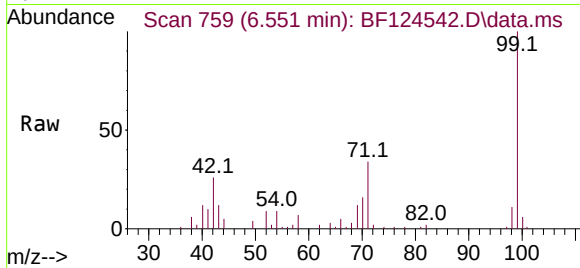




#7
Phenol-d6
Concen: 127.41 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

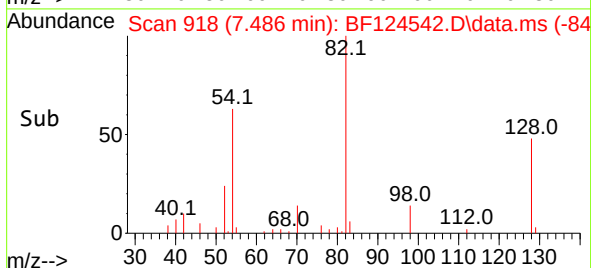
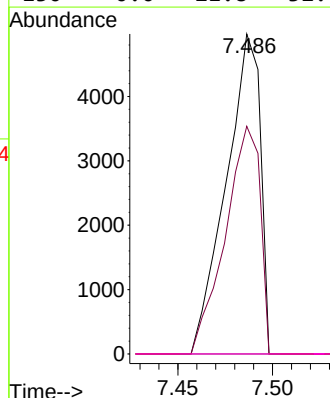
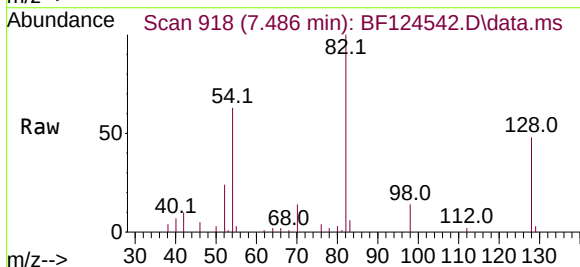
Instrument :
BNA_F
ClientSampleId :
PB137511BL

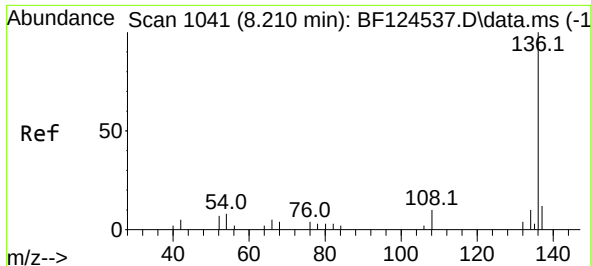
Tgt Ion: 99 Resp: 71936
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.66 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

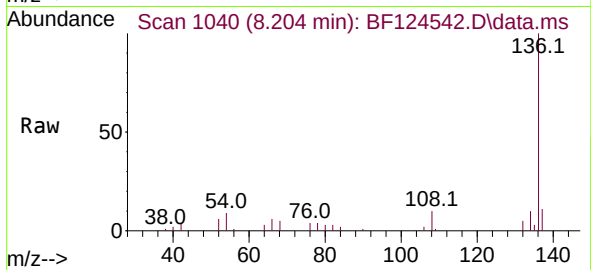
Tgt Ion: 70 Resp: 6239
Ion Ratio Lower Upper
70 100
42 71.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



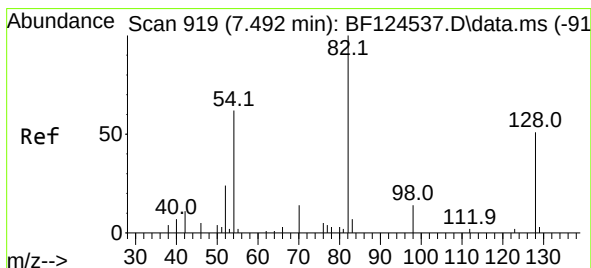
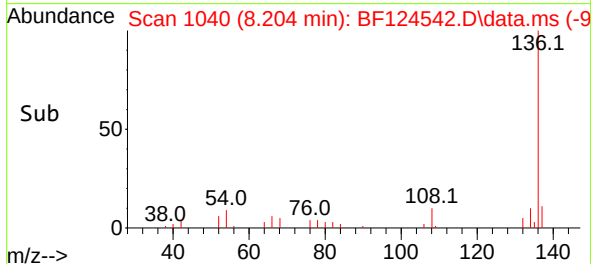
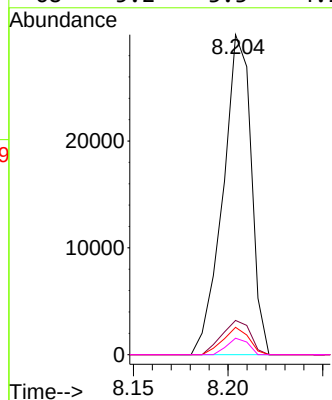


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Instrument :
BNA_F
ClientSampleId :
PB137511BL

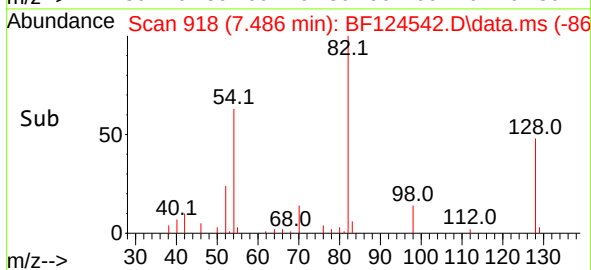
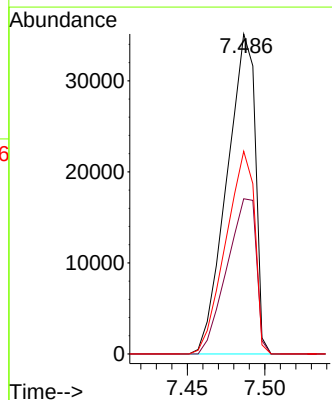
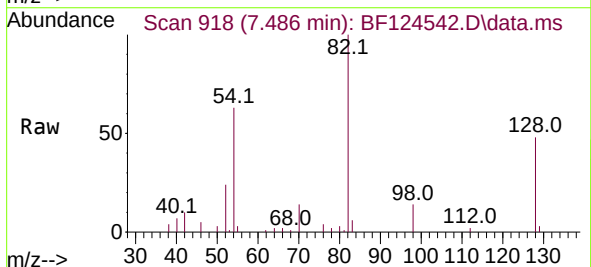


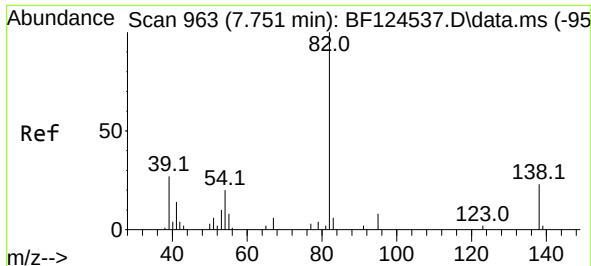
Tgt Ion:136 Resp: 31013
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.5 6.4 9.6
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 91.22 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion: 82 Resp: 44814
Ion Ratio Lower Upper
82 100
128 48.5 40.6 60.8
54 63.4 49.6 74.4

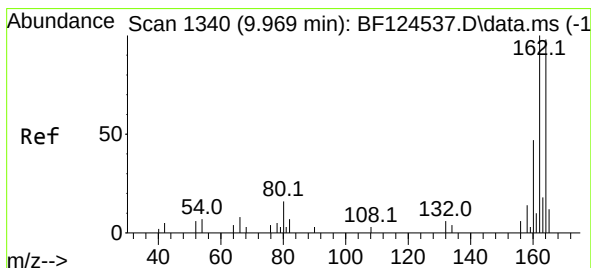
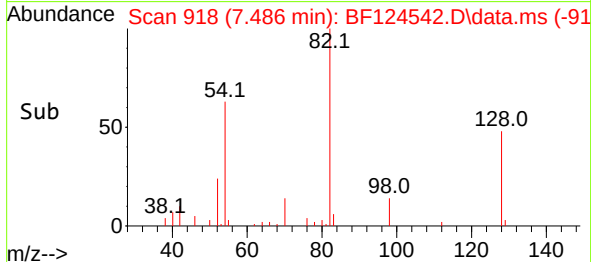
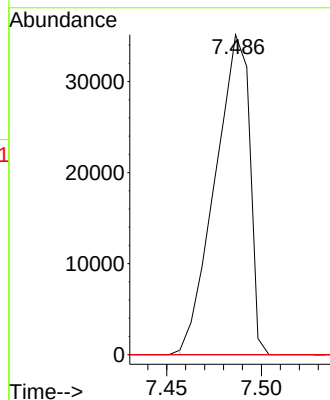
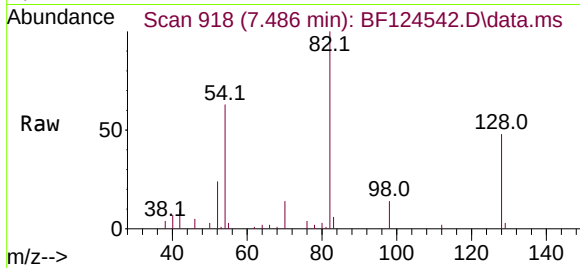




#25
Isophorone
Concen: 49.50 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

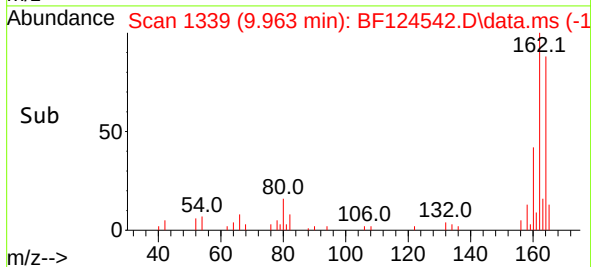
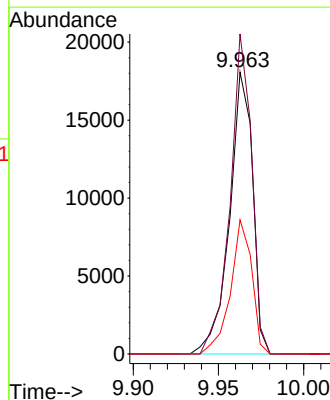
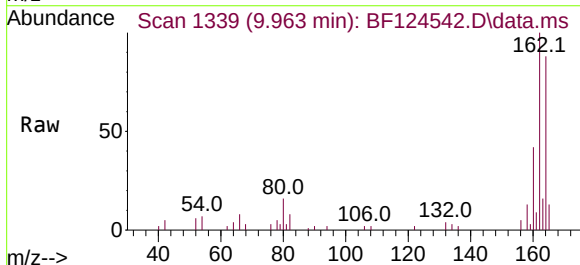
Instrument :
BNA_F
ClientSampleId :
PB137511BL

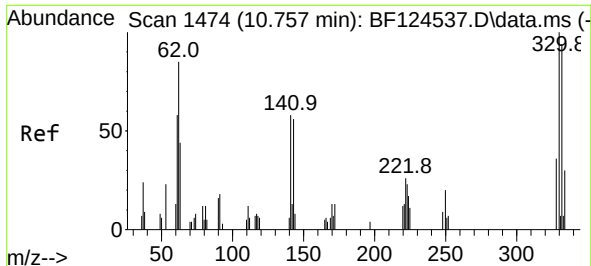
Tgt Ion: 82 Resp: 44639
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:164 Resp: 16966
Ion Ratio Lower Upper
164 100
162 113.5 81.3 121.9
160 47.5 38.0 57.0

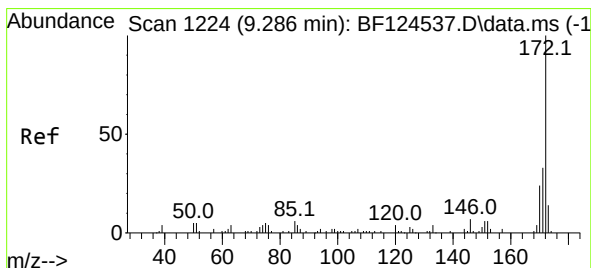
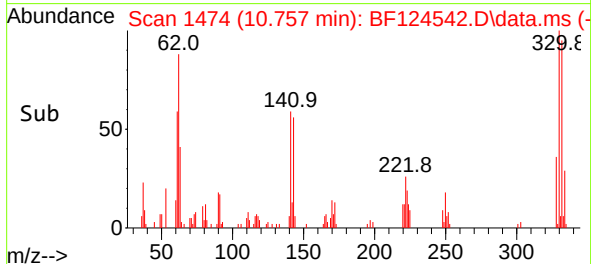
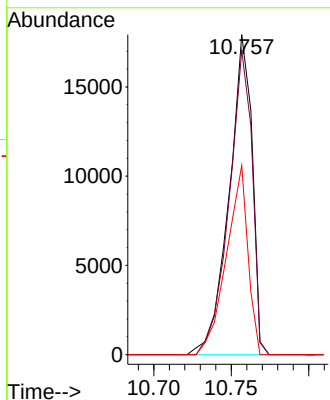
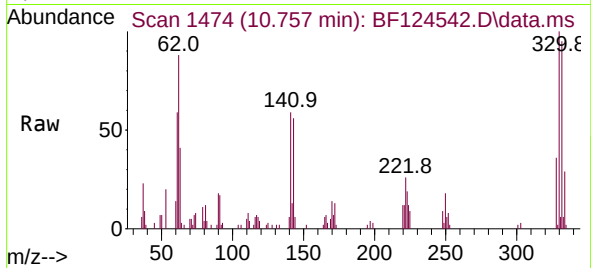




#42
2,4,6-Tribromophenol
Concen: 140.26 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

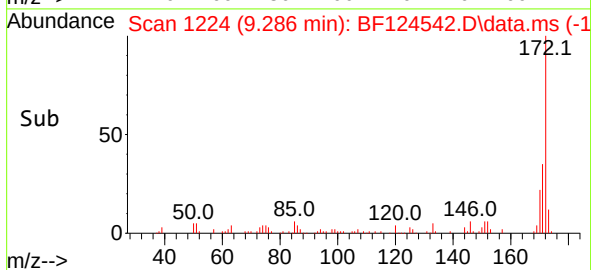
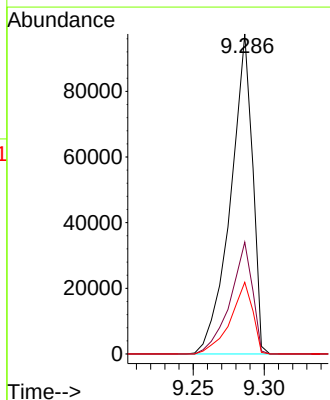
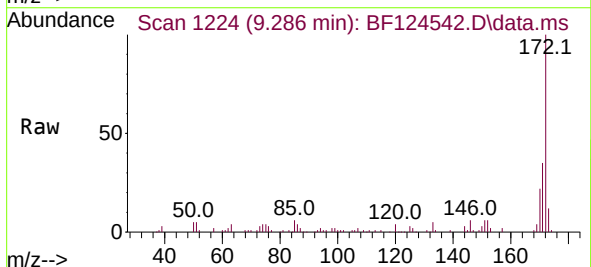
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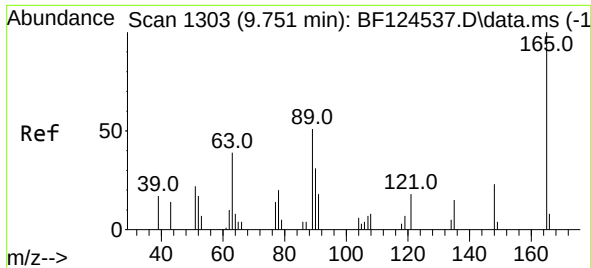
Tgt Ion:330 Resp: 18518
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 55.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.05 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:172 Resp: 104765
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.4 18.8 28.2

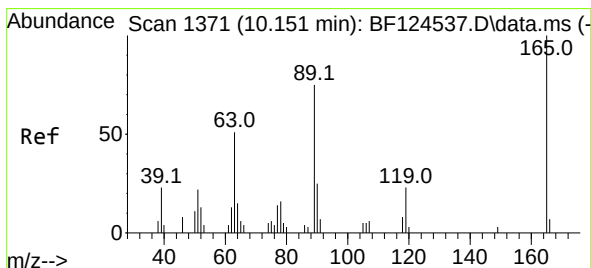
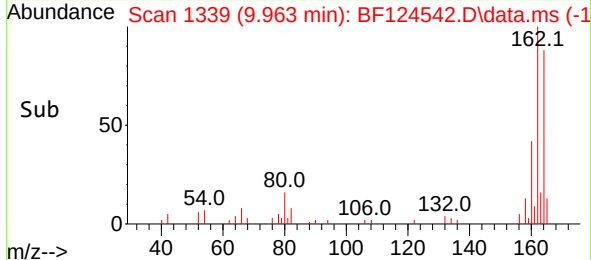
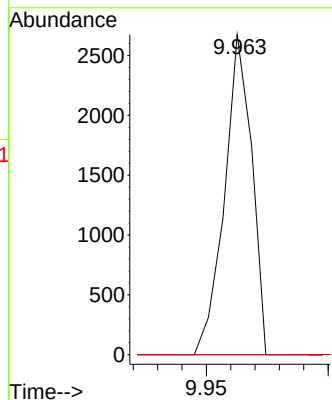
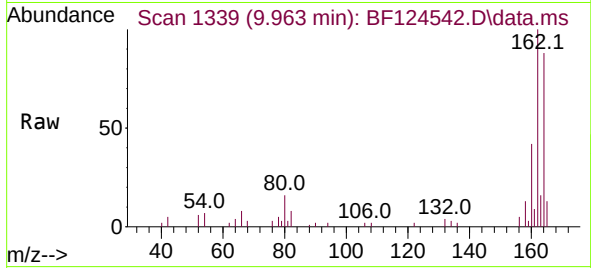




#51
2,6-Dinitrotoluene
Concen: 8.91 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

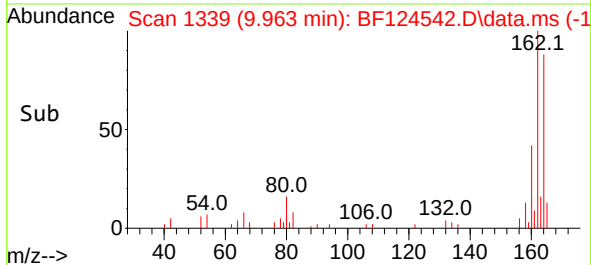
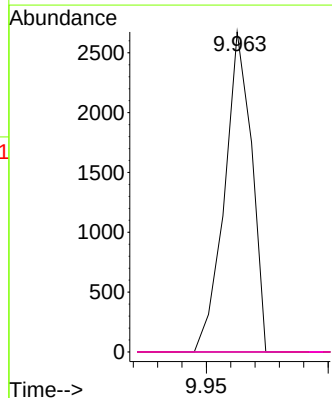
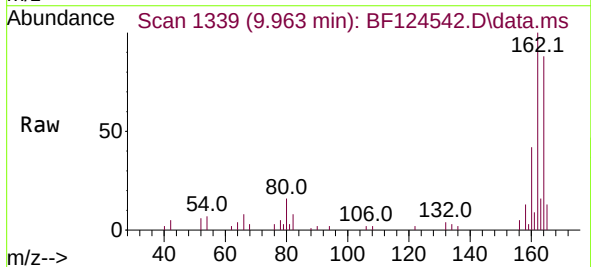
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PB137511BL

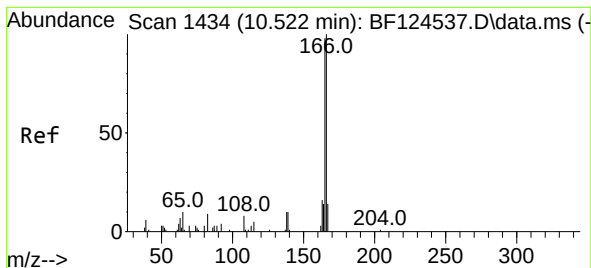
Tgt Ion:165 Resp: 2074
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:165 Resp: 2074
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





#58

Fluorene

Concen: 0.85 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.235 min

Lab File: BF124542.D

Acq: 7 Jul 2021 22:58

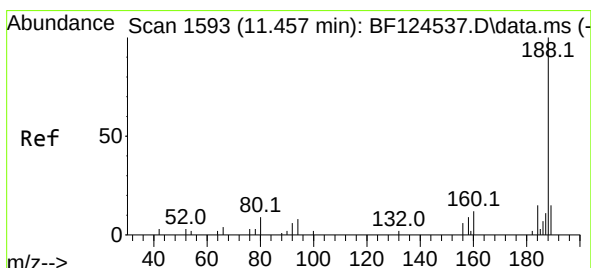
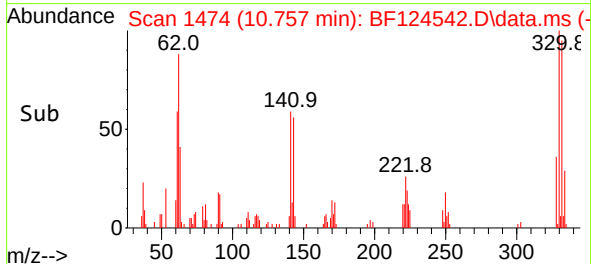
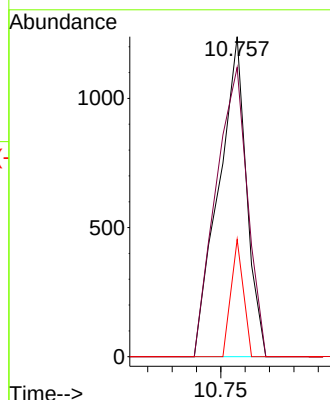
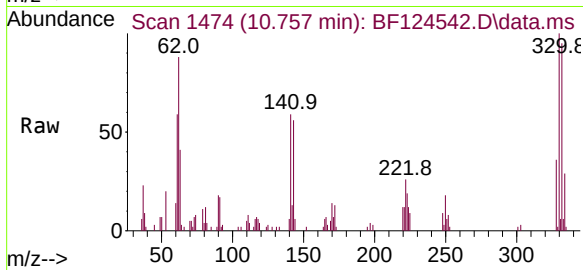
Tgt Ion:166 Resp: 979

Ion Ratio Lower Upper

166 100

165 90.4 78.1 117.1

167 36.6 11.1 16.7#



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF124542.D

Acq: 7 Jul 2021 22:58

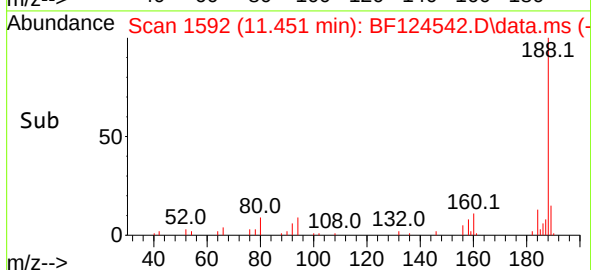
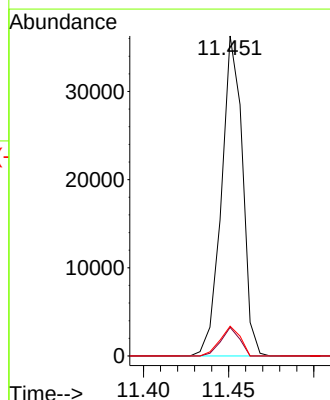
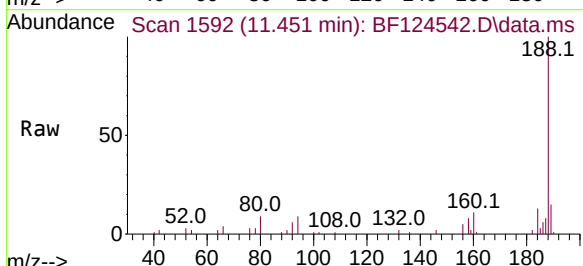
Tgt Ion:188 Resp: 31091

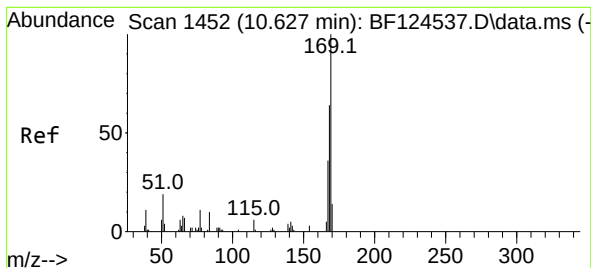
Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

80 9.3 7.5 11.3

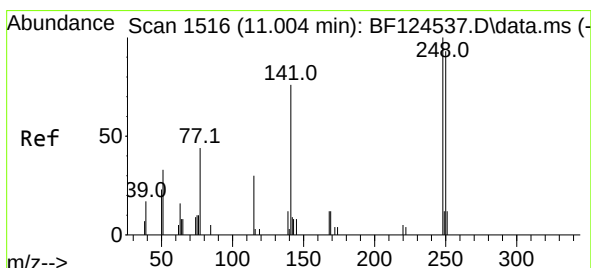
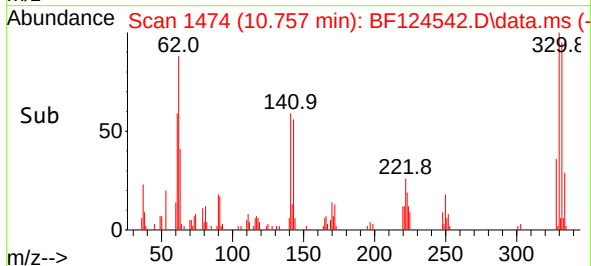
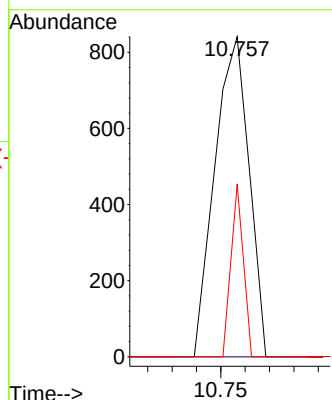
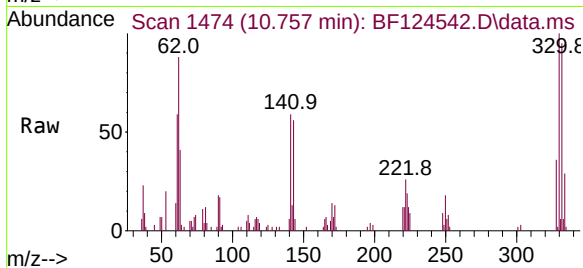




#66
n-Nitrosodiphenylamine
Concen: 0.81 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.129 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

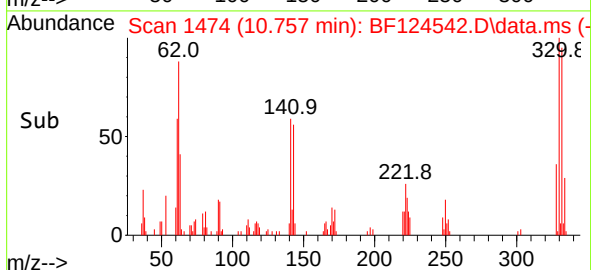
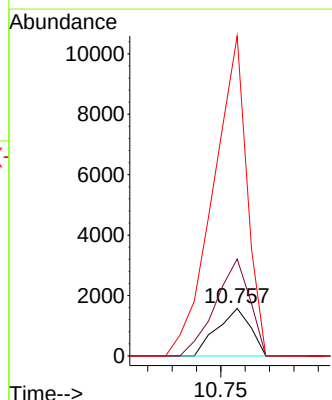
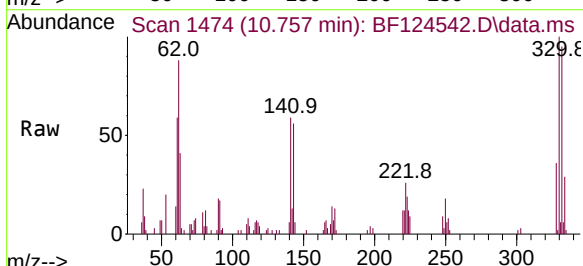
Instrument :
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ClientSampleId :
PB137511BL

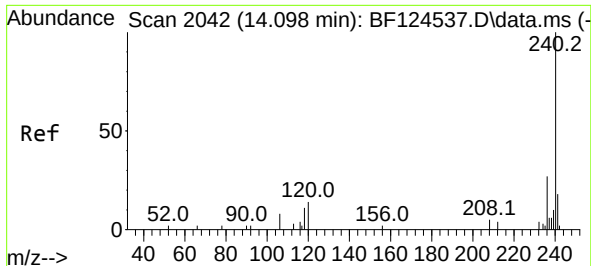
Tgt Ion:169 Resp: 817
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 54.0 28.8 43.2#



#67
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:248 Resp: 1500
Ion Ratio Lower Upper
248 100
250 203.8 74.2 111.4#
141 672.5 60.4 90.6#

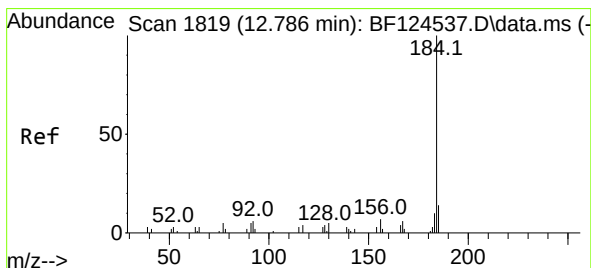
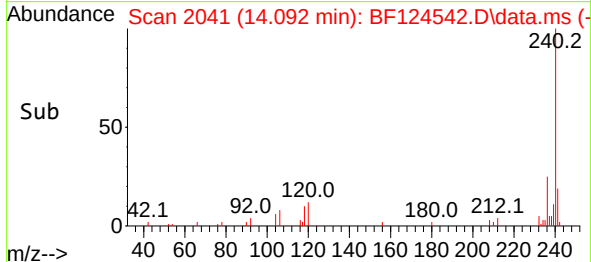
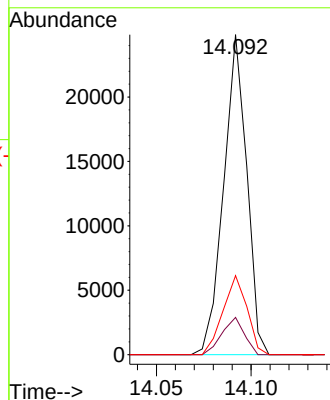
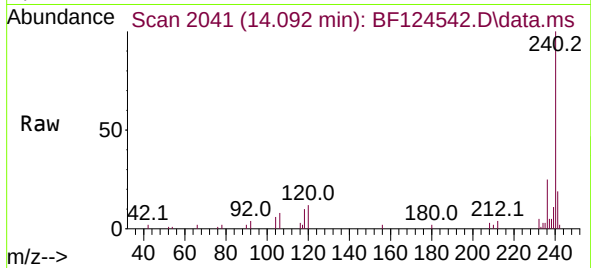




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

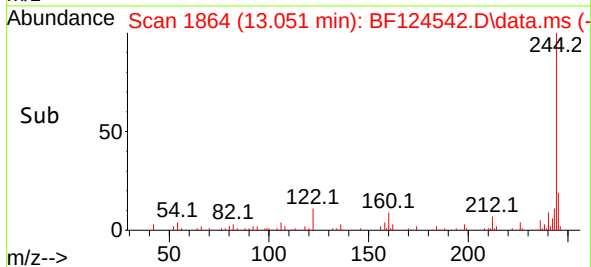
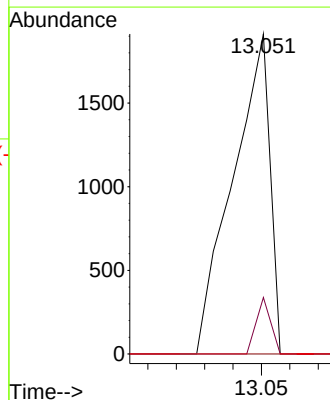
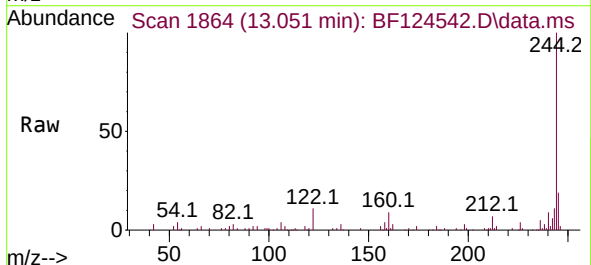
Instrument :
BNA_F
ClientSampleId :
PB137511BL

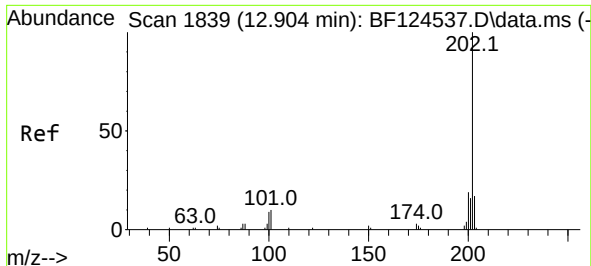
Tgt Ion:240 Resp: 21013
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 24.7 21.6 32.4



#77
Benzidine
Concen: 2.20 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.265 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:184 Resp: 1730
Ion Ratio Lower Upper
184 100
185 17.7 10.8 16.2#
183 0.0 8.1 12.1#

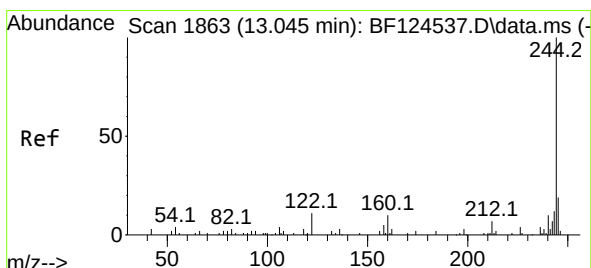
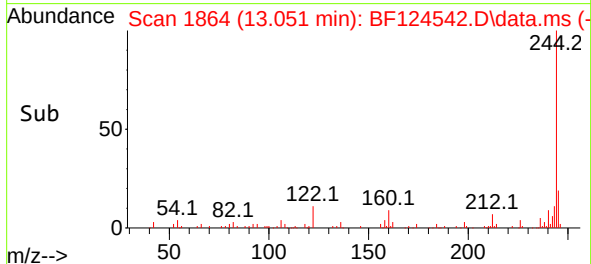
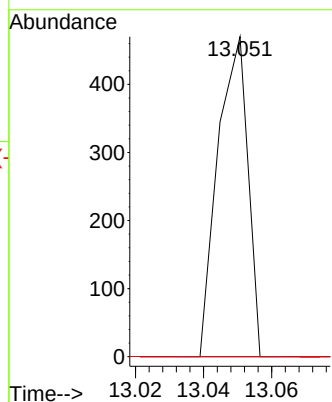
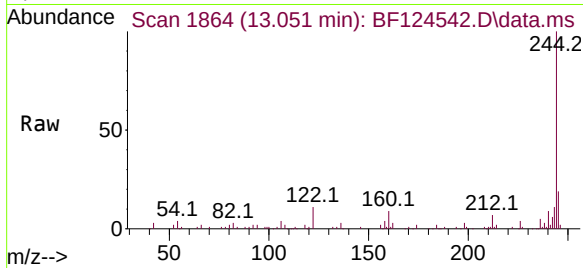




#78
Pyrene
Concen: 0.16 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.147 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

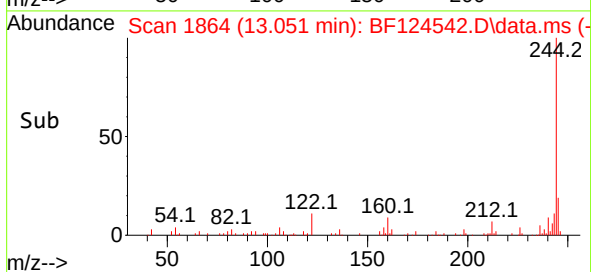
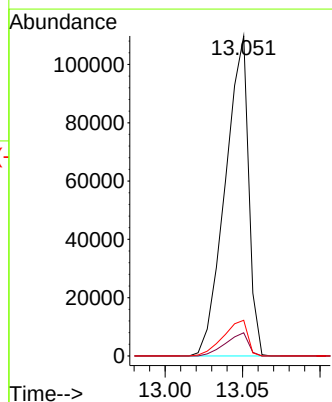
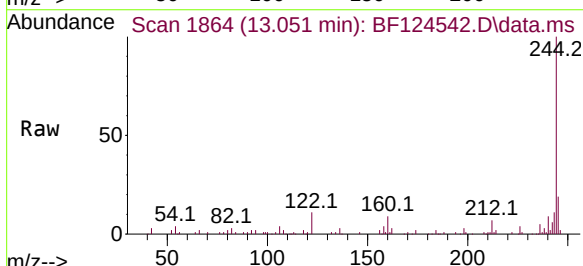
Instrument :
BNA_F
ClientSampleId :
PB137511BL

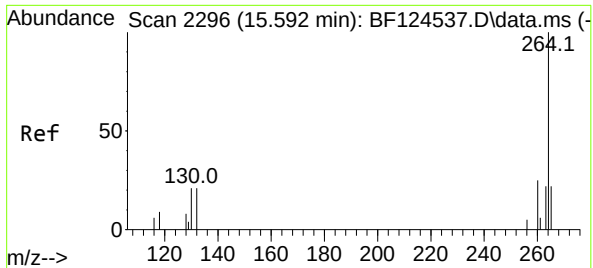
Tgt Ion:202 Resp: 288
Ion Ratio Lower Upper
202 100
200 0.0 15.3 22.9#
203 0.0 13.4 20.0#



#79
Terphenyl-d14
Concen: 91.69 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF124542.D
Acq: 7 Jul 2021 22:58

Tgt Ion:244 Resp: 114741
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124542.D
 Acq: 7 Jul 2021 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB137511BL

Tgt Ion:264 Resp: 14599
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.1 17.2 25.8

