

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124279.D
 Acq On : 12 Jun 2021 11:06
 Operator : JU/CG
 Sample : PB136924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136924BL

Quant Time: Jun 14 04:23:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

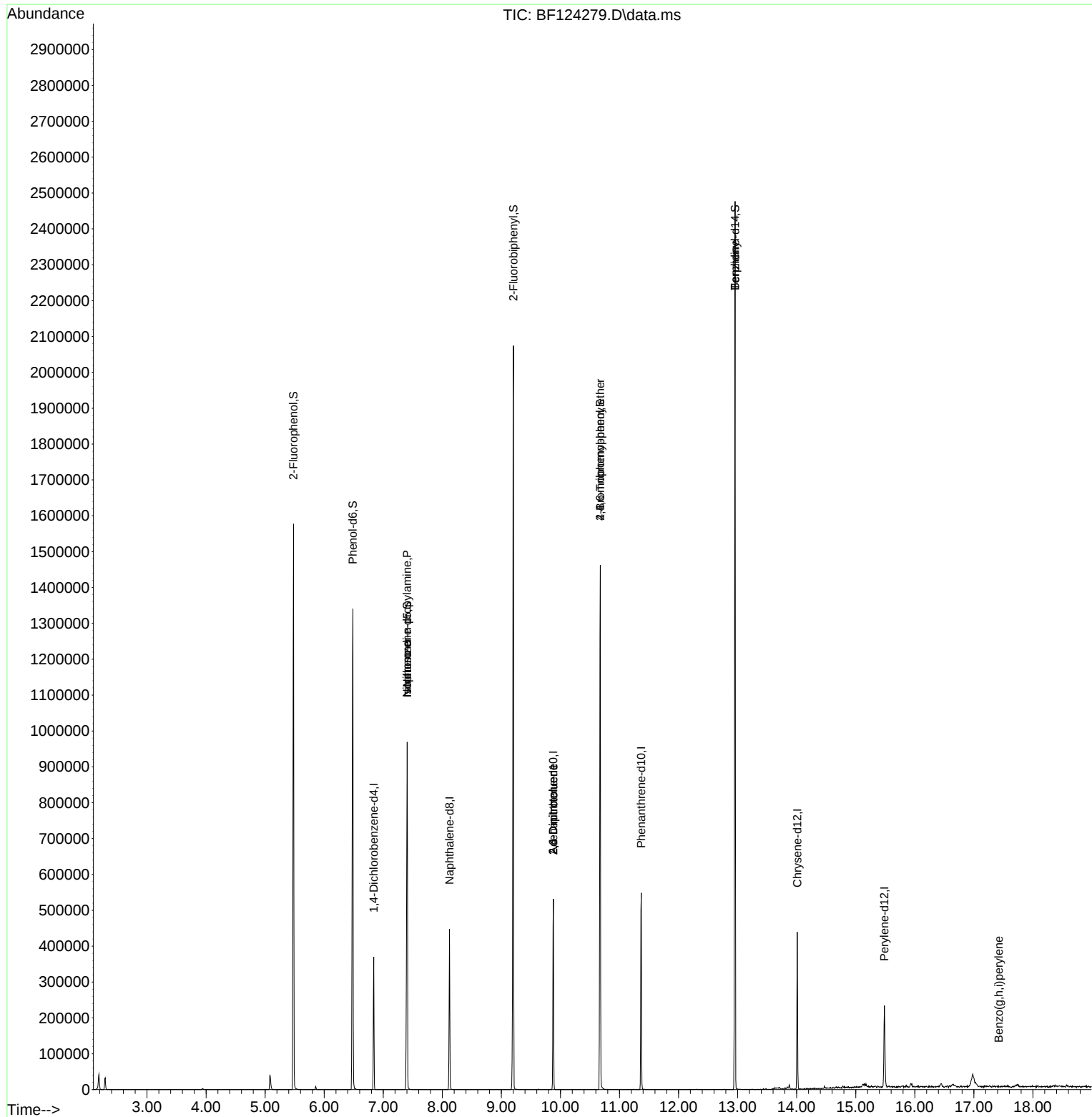
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	46115	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	172677	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	103715	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	194314	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	133223	20.000	ng	-0.01
86) Perylene-d12	15.486	264	95650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	335596	109.549	ng	0.00
7) Phenol-d6	6.486	99	420390	102.093	ng	-0.01
23) Nitrobenzene-d5	7.404	82	323339	74.266	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	156169	106.281	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	627012	76.075	ng	0.00
79) Terphenyl-d14	12.957	244	715893	73.778	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	44012	15.141	ng	# 74
25) Isophorone	7.404	82	323217	41.197	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	13954	7.092	ng	# 10
57) 2,4-Dinitrotoluene	9.880	165	13954	5.378	ng	# 15
67) 4-Bromophenyl-phenylether	10.674	248	11120	4.169	ng	# 1
77) Benzidine	12.957	184	13129	7.931	ng	# 91
92) Benzo(g,h,i)perylene	17.421	276	106	3.822	ng	# 56

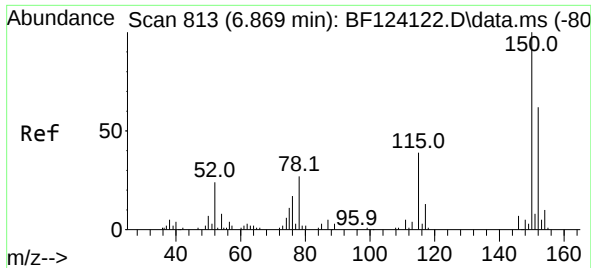
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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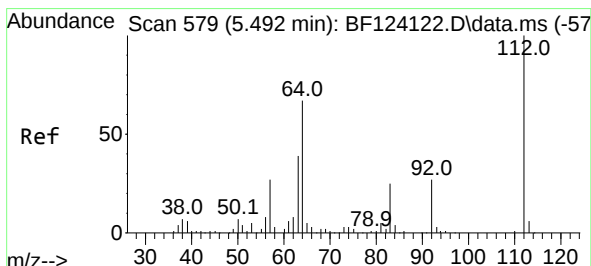
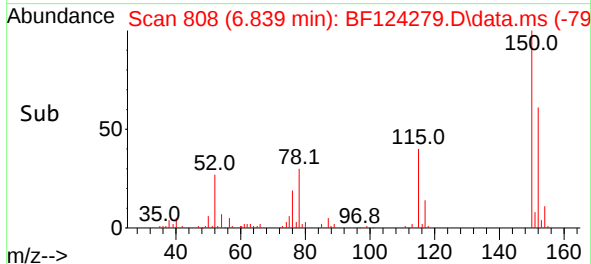
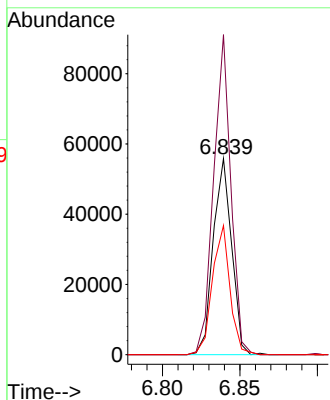
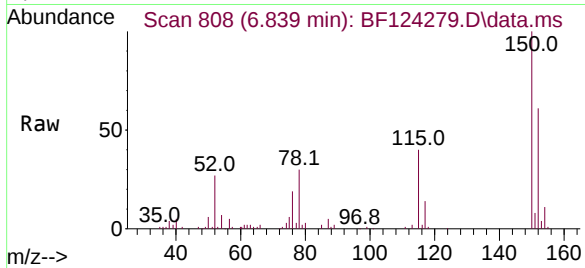




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

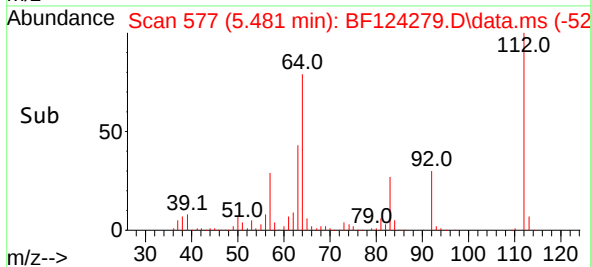
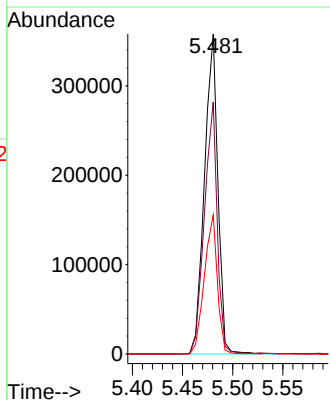
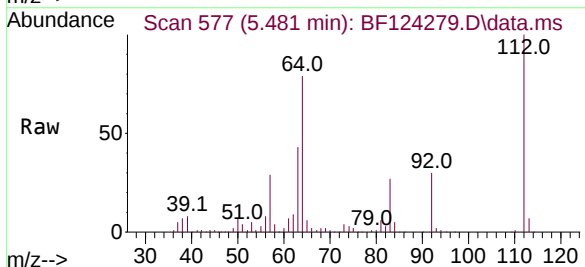
Instrument :
BNA_F
ClientSampleId :
PB136924BL

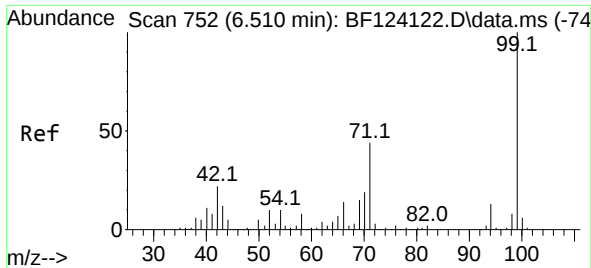
Tgt Ion:152 Resp: 46115
Ion Ratio Lower Upper
152 100
150 163.2 127.0 190.6
115 65.8 54.3 81.5



#5
2-Fluorophenol
Concen: 109.549 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion:112 Resp: 335596
Ion Ratio Lower Upper
112 100
64 78.7 61.4 92.0
63 43.5 33.0 49.4

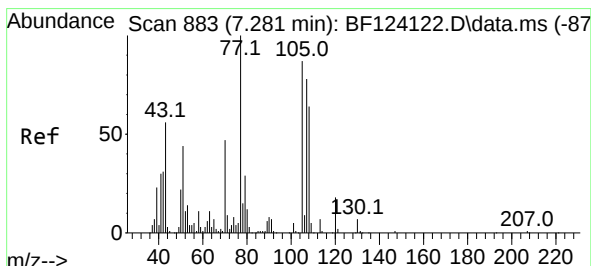
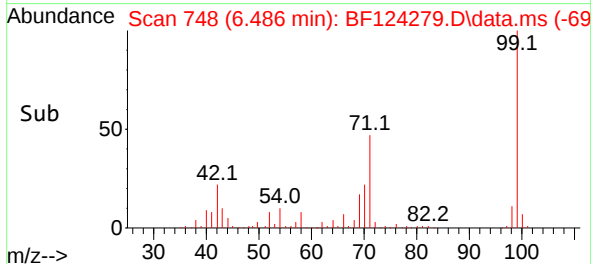
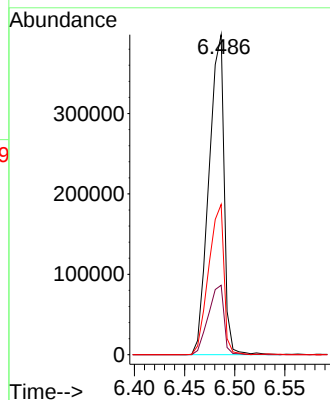
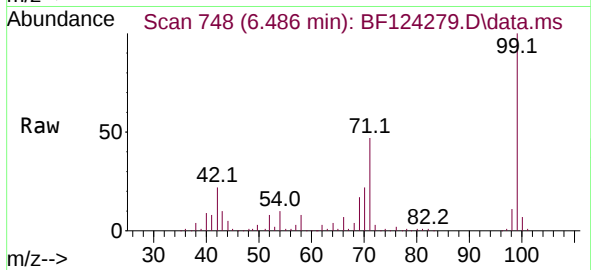




#7
Phenol-d6
Concen: 102.093 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

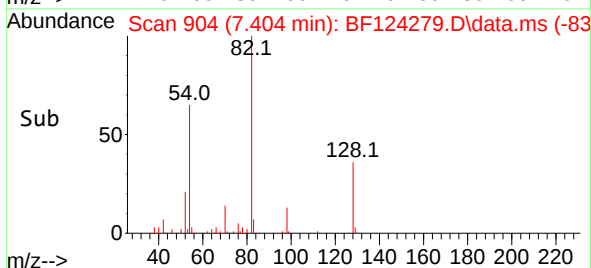
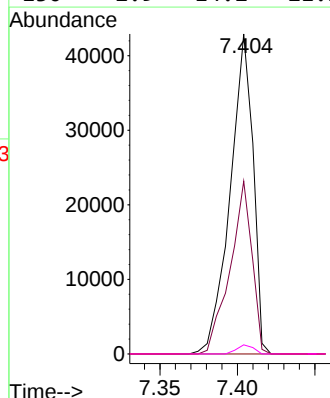
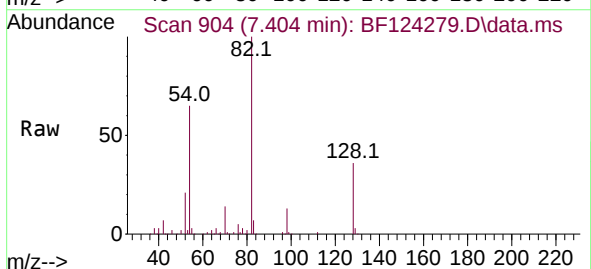
Instrument :
BNA_F
ClientSampleId :
PB136924BL

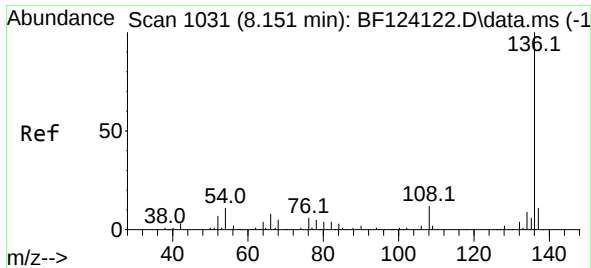
Tgt Ion: 99 Resp: 420390
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 47.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 15.141 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion: 70 Resp: 44012
Ion Ratio Lower Upper
70 100
42 54.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.9 14.2 21.2#

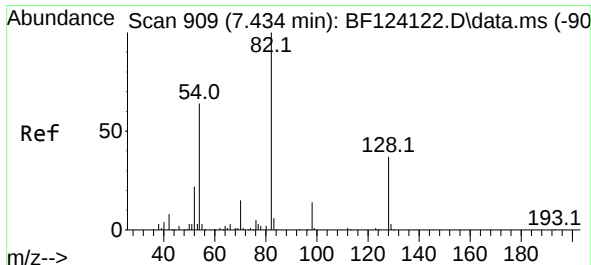
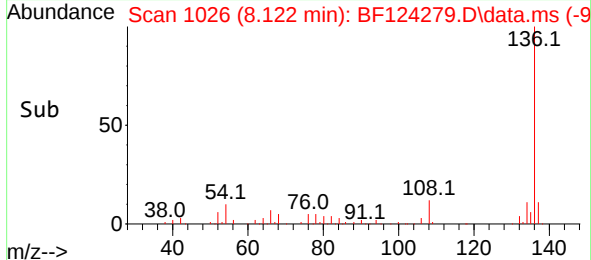
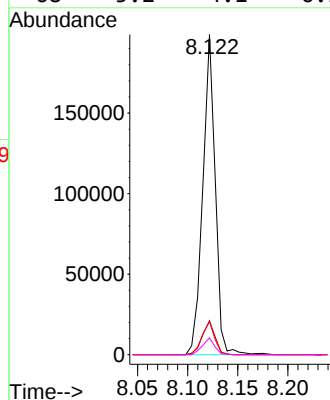
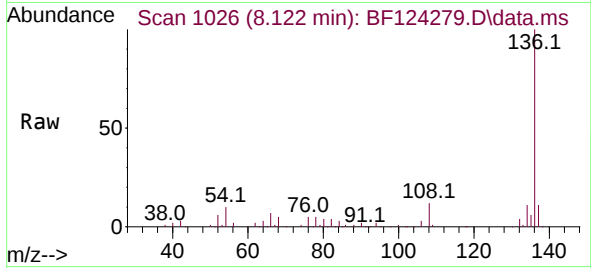




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

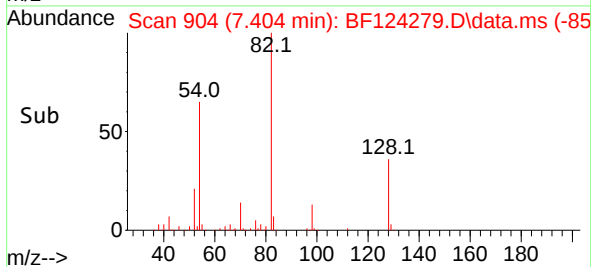
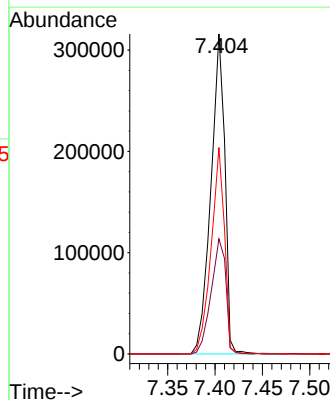
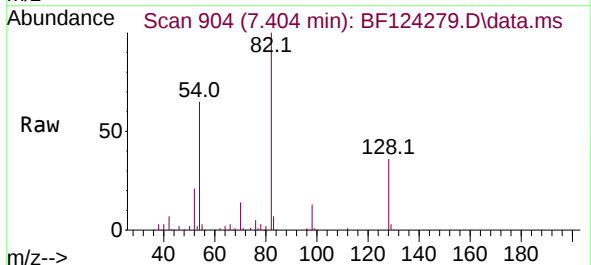
Instrument :
BNA_F
ClientSampleId :
PB136924BL

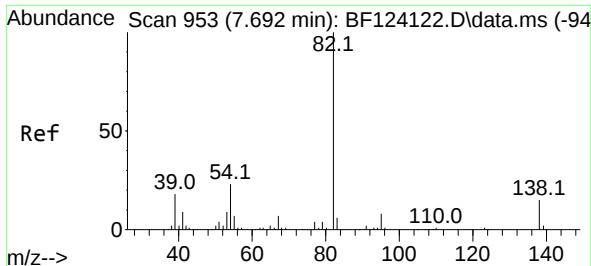
Tgt	Ion:136	Resp:	172677
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.3	9.8	14.6
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 74.266 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion: 82	Resp: 323339
Ion Ratio	Lower Upper
82 100	
128 35.9	29.4 44.2
54 64.5	54.1 81.1

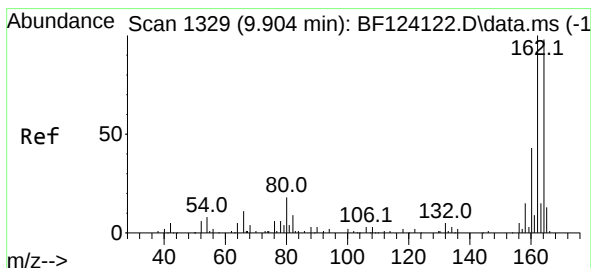
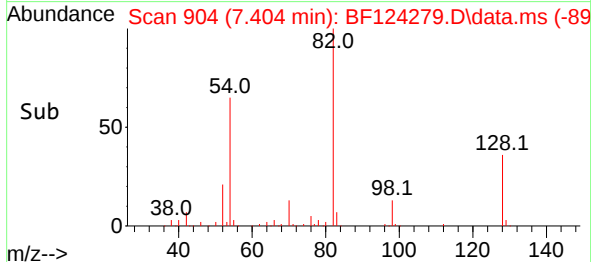
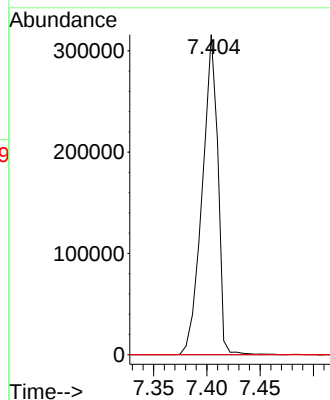
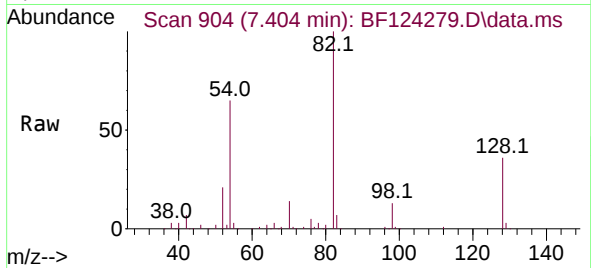




#25
Isophorone
Concen: 41.197 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

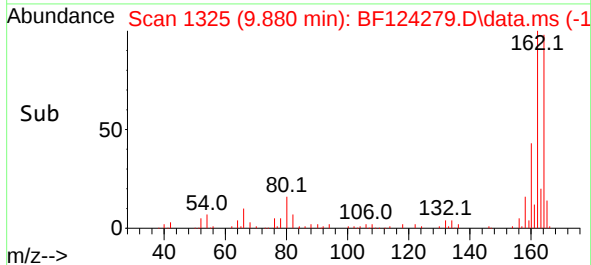
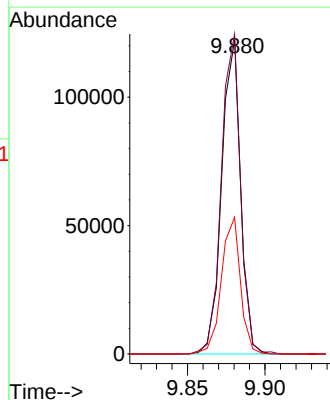
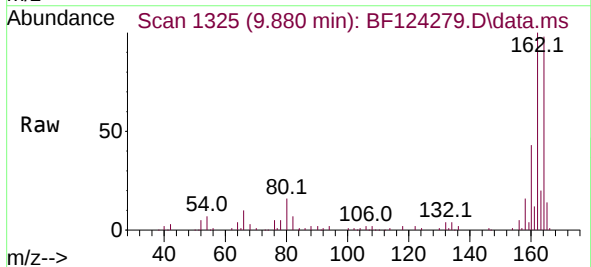
Instrument :
BNA_F
ClientSampleId :
PB136924BL

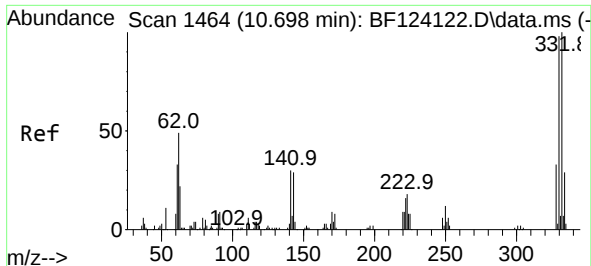
Tgt Ion: 82 Resp: 323217
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion: 164 Resp: 103715
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 43.5 37.3 55.9

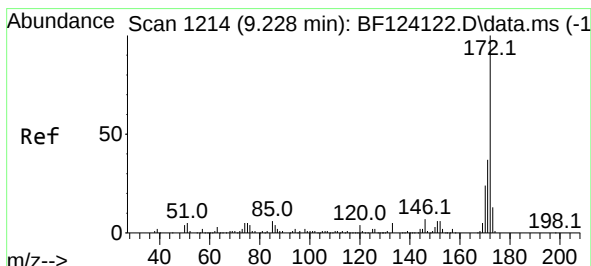
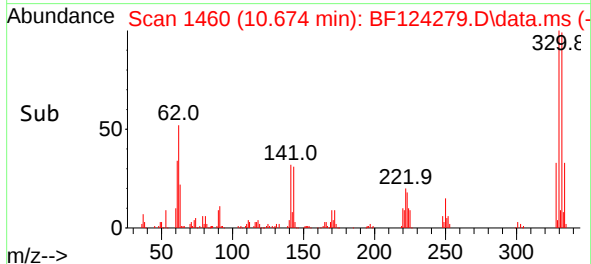
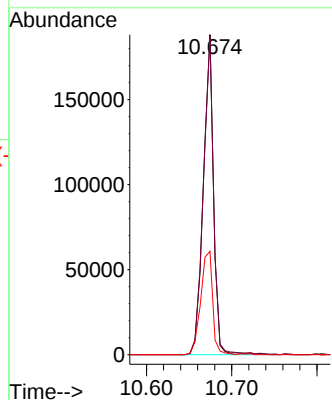
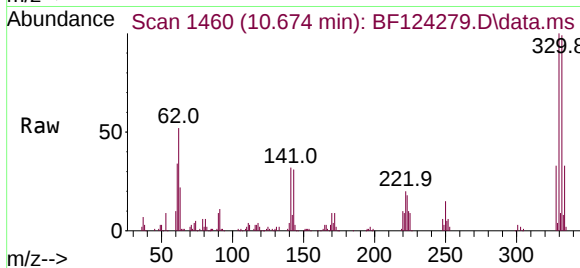




#42
2,4,6-Tribromophenol
Concen: 106.281 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

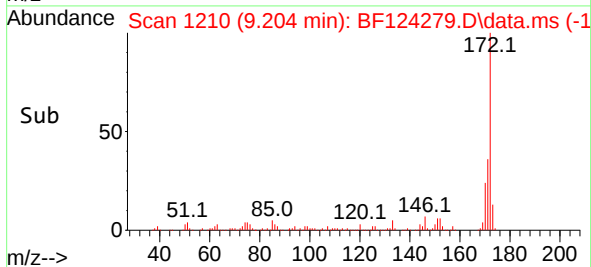
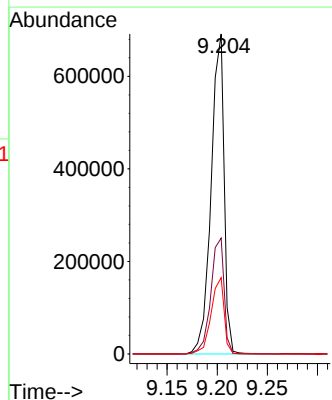
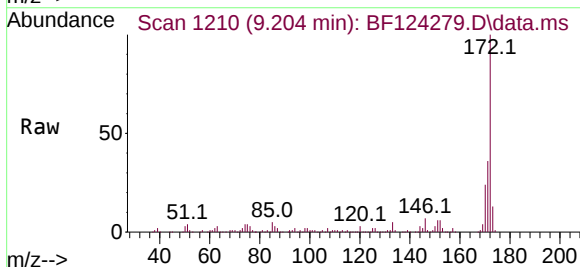
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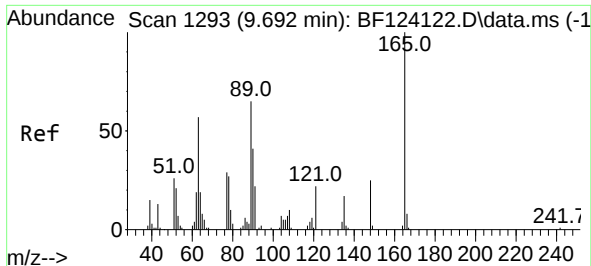
Tgt Ion: 330 Resp: 156169
Ion Ratio Lower Upper
330 100
332 99.8 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 76.075 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion: 172 Resp: 627012
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.9 19.2 28.8

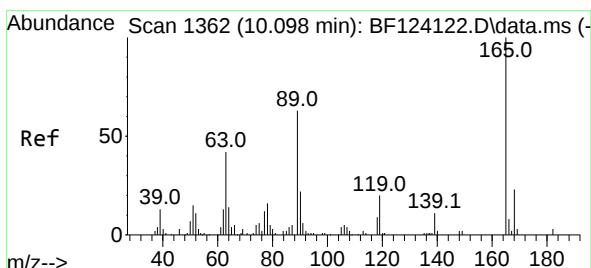
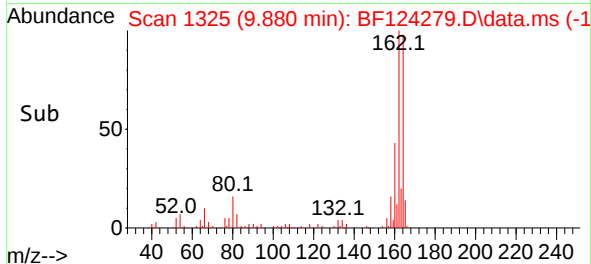
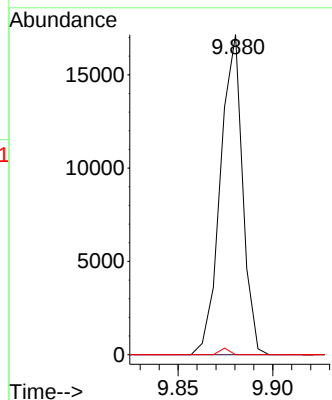
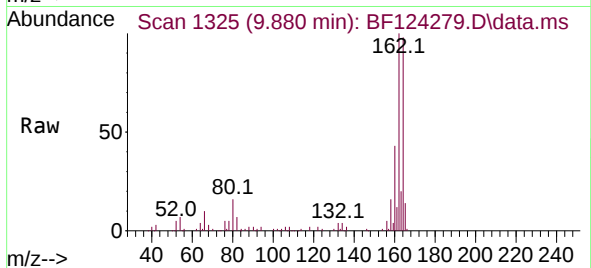




#51
2,6-Dinitrotoluene
Concen: 7.092 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

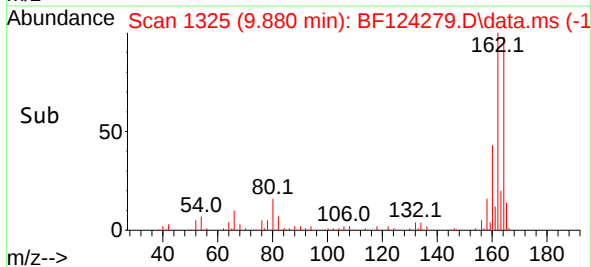
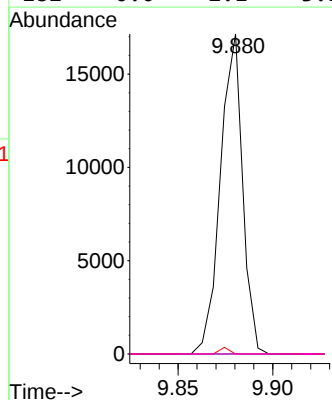
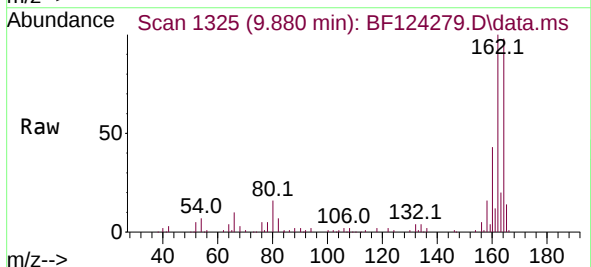
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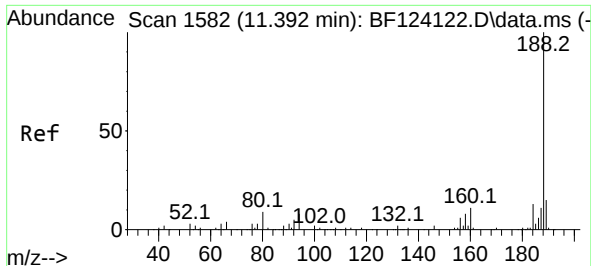
Tgt Ion:165 Resp: 13954
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.378 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion:165 Resp: 13954
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

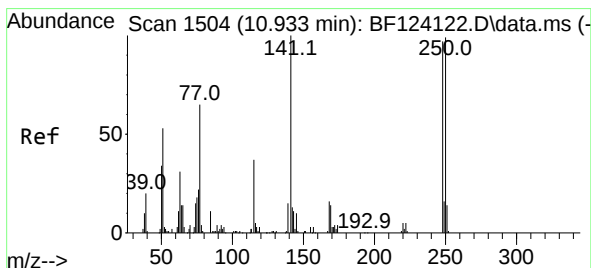
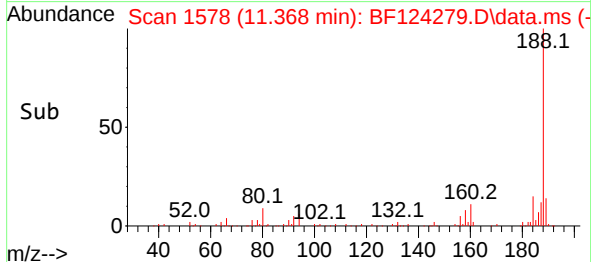
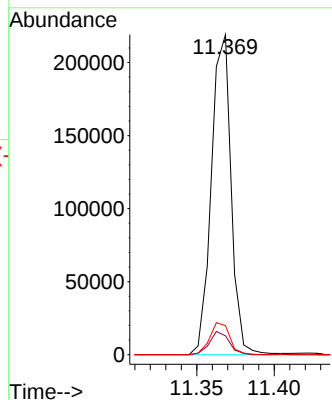
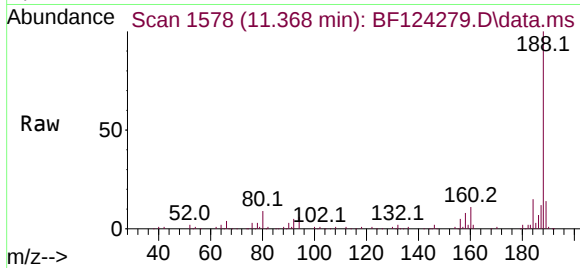




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

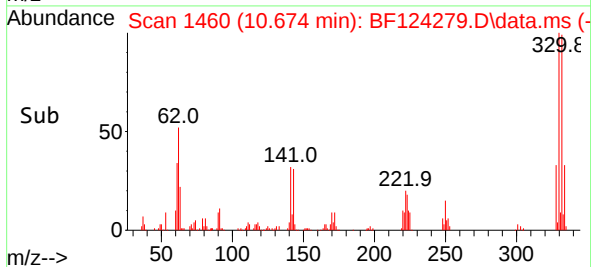
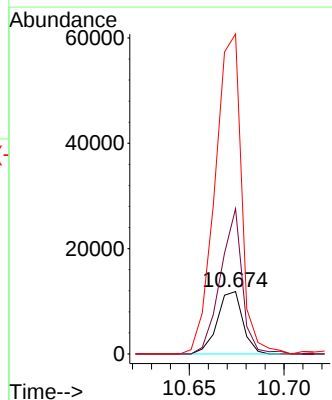
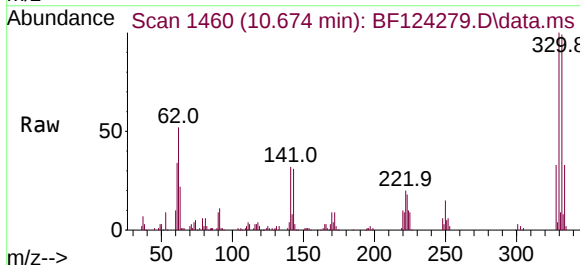
Instrument :
BNA_F
ClientSampleId :
PB136924BL

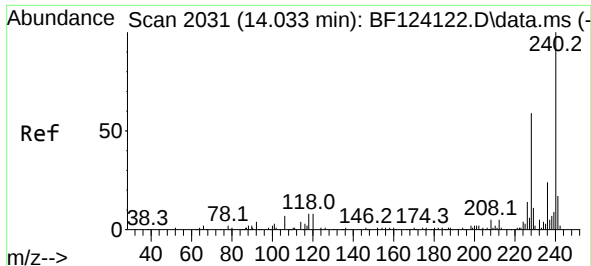
Tgt Ion:188 Resp: 194314
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 9.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.169 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion:248 Resp: 11120
Ion Ratio Lower Upper
248 100
250 232.9 77.4 116.2#
141 513.0 63.7 95.5#

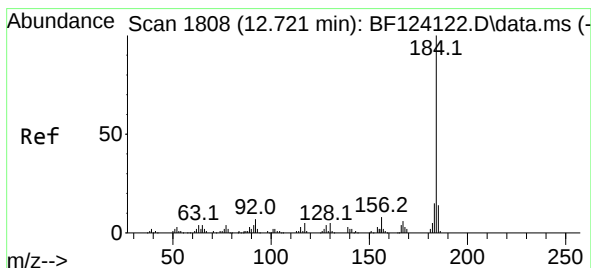
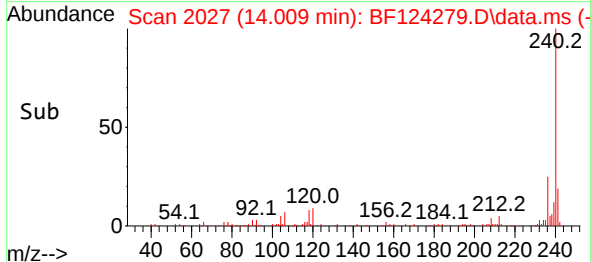
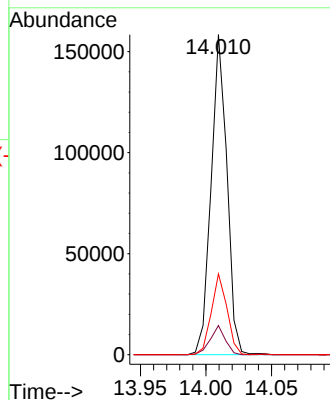
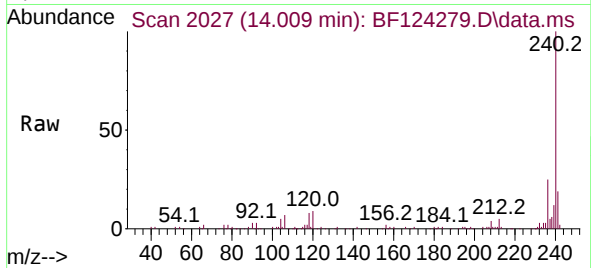




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

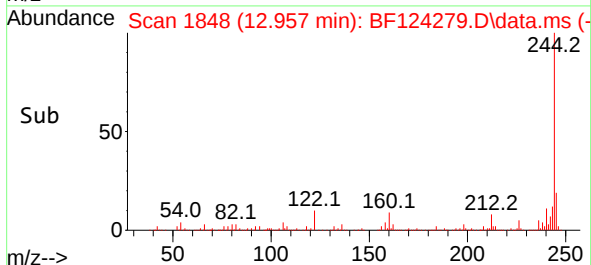
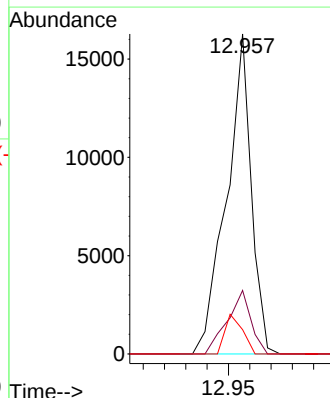
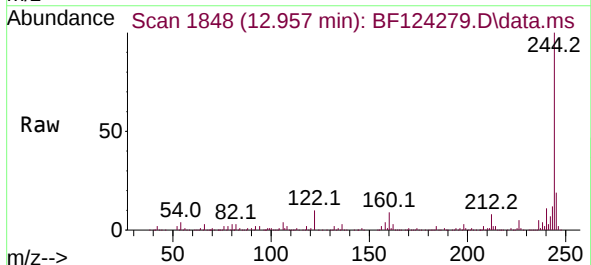
Instrument :
BNA_F
ClientSampleId :
PB136924BL

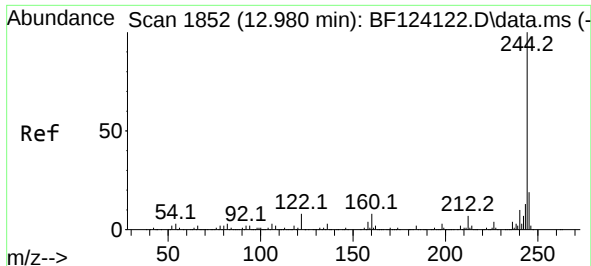
Tgt Ion:240 Resp: 133223
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 25.2 19.0 28.4



#77
Benzidine
Concen: 7.931 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion:184 Resp: 13129
Ion Ratio Lower Upper
184 100
185 19.8 12.1 18.1#
183 7.6 7.8 11.8#

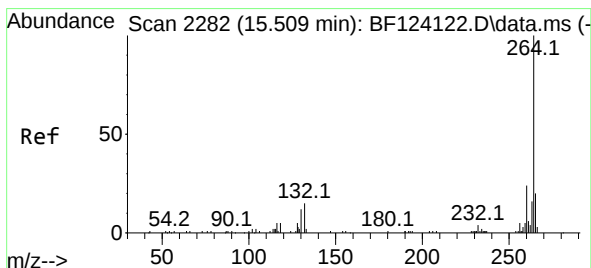
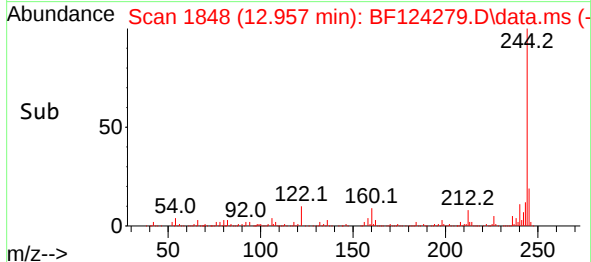
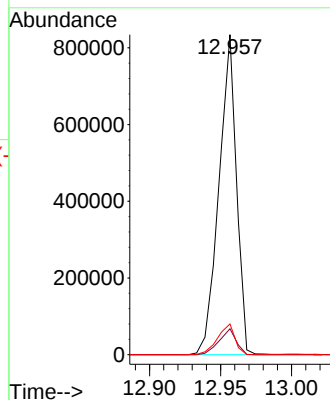
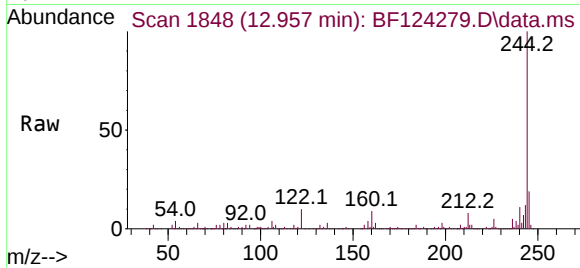




#79
Terphenyl-d14
Concen: 73.778 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

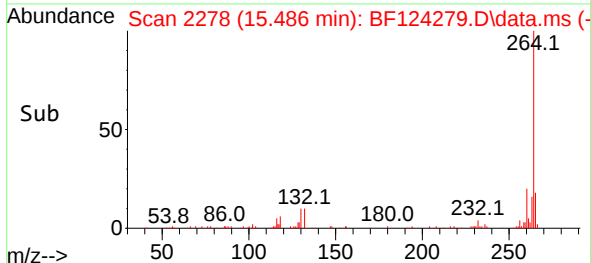
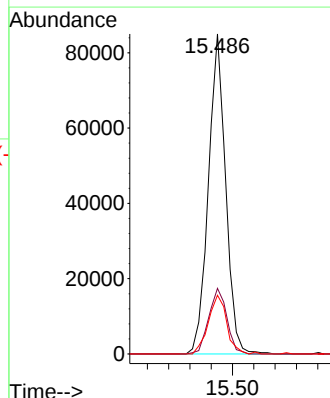
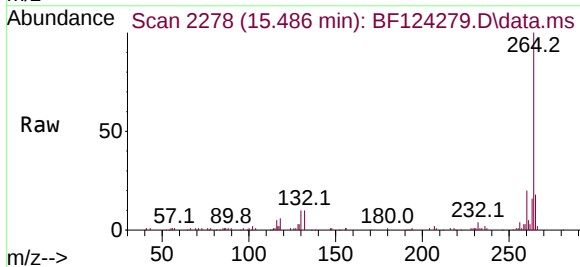
Instrument :
BNA_F
ClientSampleId :
PB136924BL

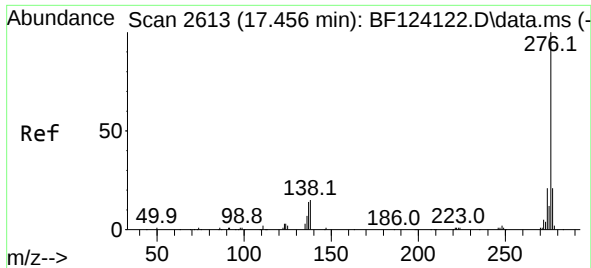
Tgt Ion:244 Resp: 715893
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124279.D
Acq: 12 Jun 2021 11:06

Tgt Ion:264 Resp: 95650
Ion Ratio Lower Upper
264 100
260 20.5 18.7 28.1
265 18.4 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.822 ng
 RT: 17.421 min Scan# 2607
 Delta R.T. -0.012 min
 Lab File: BF124279.D
 Acq: 12 Jun 2021 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB136924BL

Tgt Ion:276 Resp: 106
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

