

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124311.D
 Acq On : 14 Jun 2021 17:46
 Operator : JU/CG
 Sample : M2687-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(104-108)

Quant Time: Jun 14 18:20:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 12:10:02 2021
 Response via : Initial Calibration

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

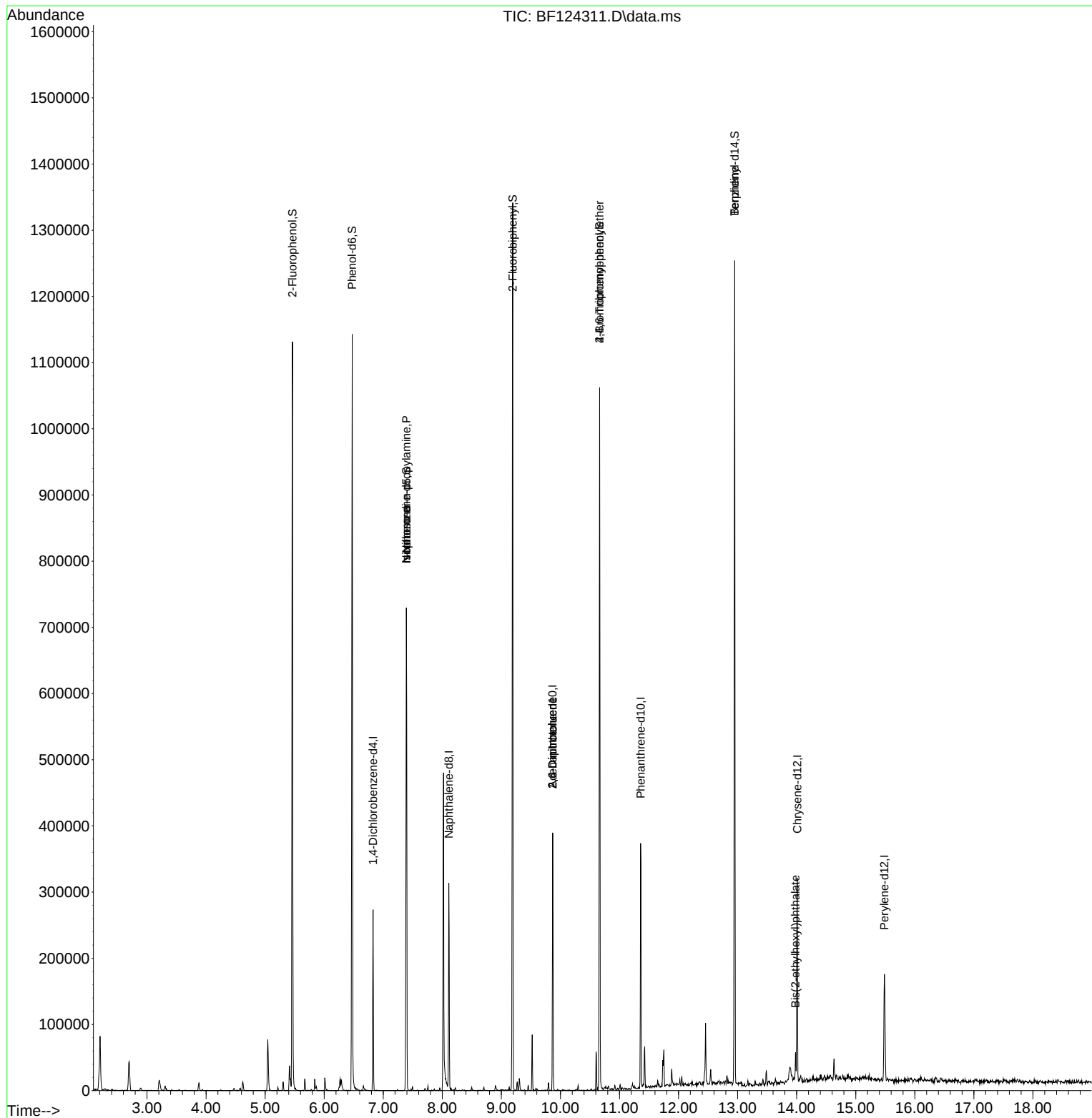
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	31057	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	117342	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	68045	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	128126	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	94230	20.000	ng	0.00
86) Perylene-d12	15.486	264	71305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	255341	123.765	ng	0.00
7) Phenol-d6	6.475	99	321459	115.918	ng	0.00
23) Nitrobenzene-d5	7.392	82	234803	79.363	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	105987	109.941	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	370566	68.529	ng	0.00
79) Terphenyl-d14	12.951	244	372044	54.208	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	33818	17.275	ng	# 68
25) Isophorone	7.392	82	234799	44.040	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	8461	6.555	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	8461	4.970	ng	# 15
67) 4-Bromophenyl-phenylether	10.663	248	6977	3.967	ng	# 1
77) Benzidine	12.951	184	6535	6.785	ng	# 96
84) Bis(2-ethylhexyl)phtha...	13.980	149	12156	2.784	ng	# 81

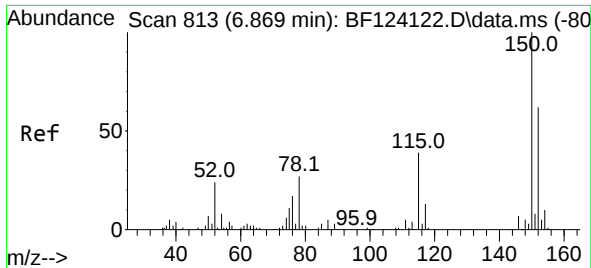
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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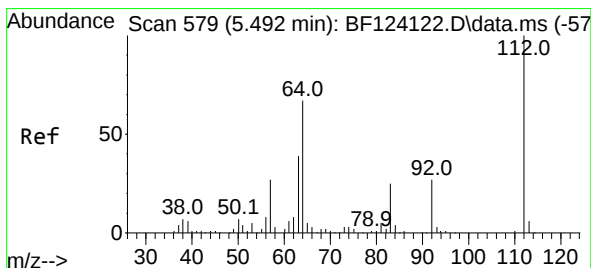
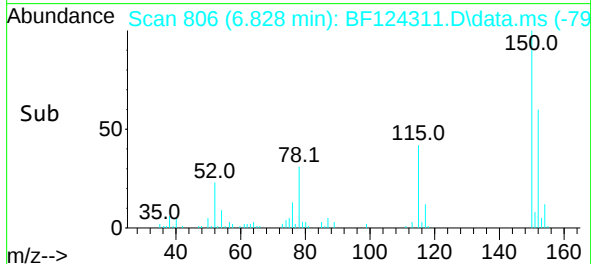
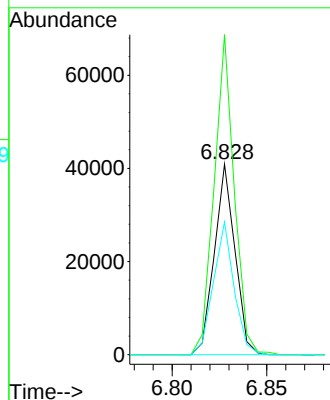
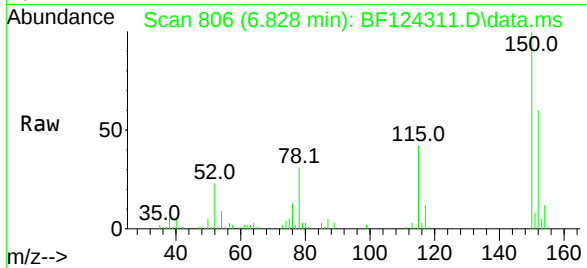




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

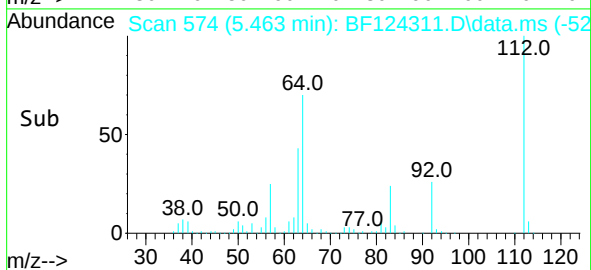
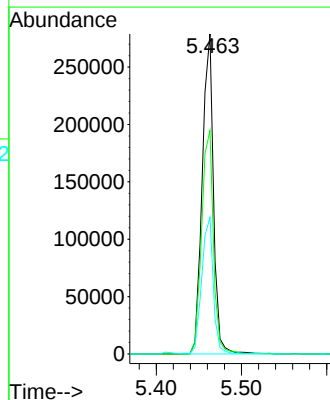
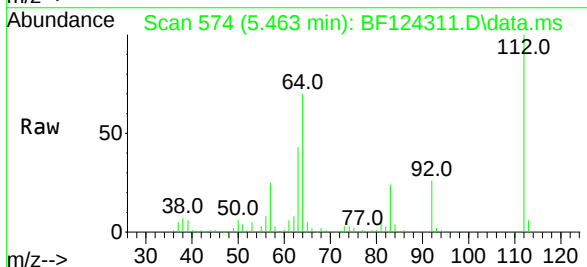
Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)

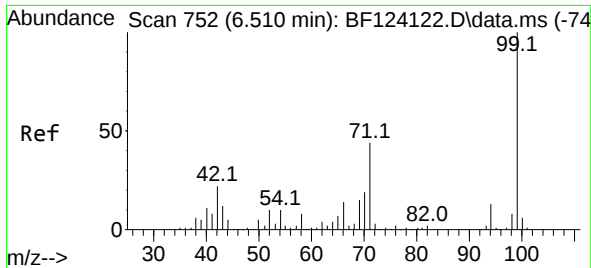
Tgt Ion:152 Resp: 31057
Ion Ratio Lower Upper
152 100
150 167.9 127.0 190.6
115 69.7 54.3 81.5



#5
2-Fluorophenol
Concen: 123.765 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion:112 Resp: 255341
Ion Ratio Lower Upper
112 100
64 69.8 61.4 92.0
63 42.7 33.0 49.4

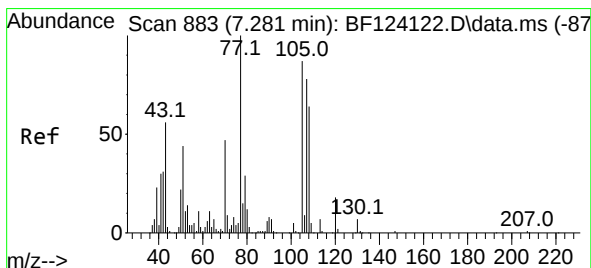
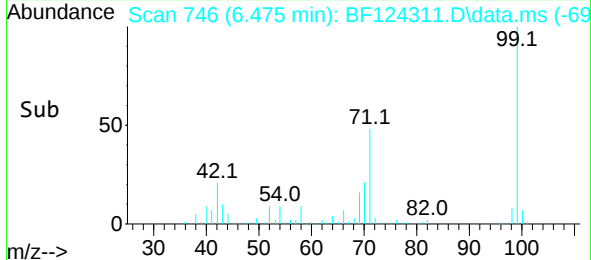
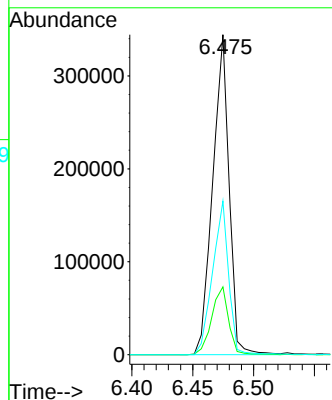
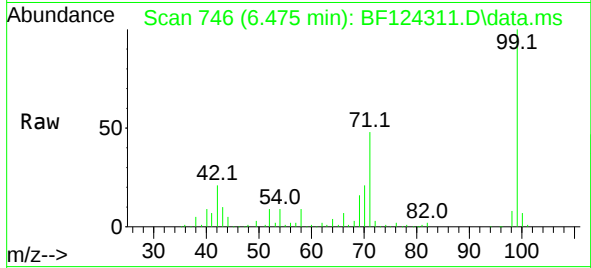




#7
Phenol-d6
Concen: 115.918 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

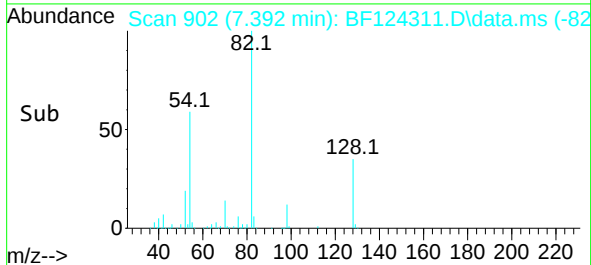
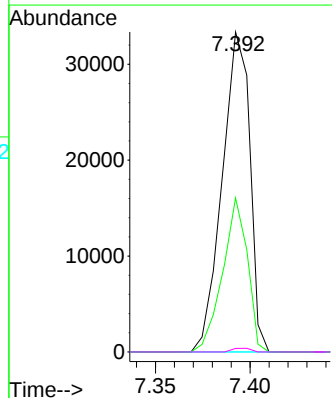
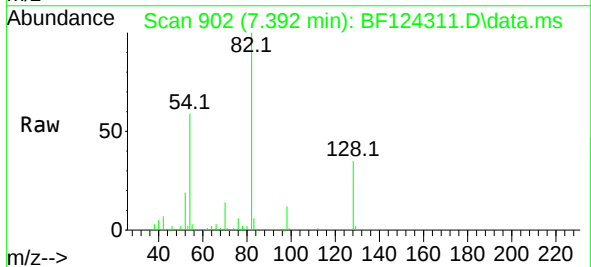
Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)

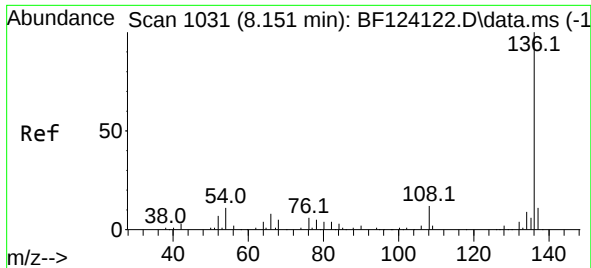
Tgt Ion: 99 Resp: 321459
Ion Ratio Lower Upper
99 100
42 21.2 19.8 29.8
71 48.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.275 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

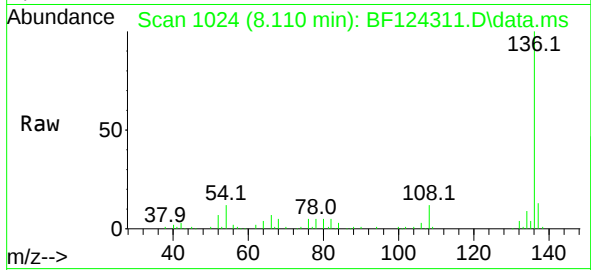
Tgt Ion: 70 Resp: 33818
Ion Ratio Lower Upper
70 100
42 48.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#



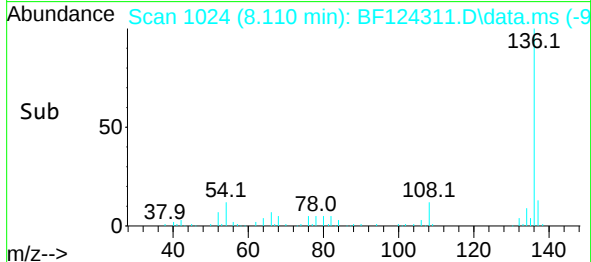
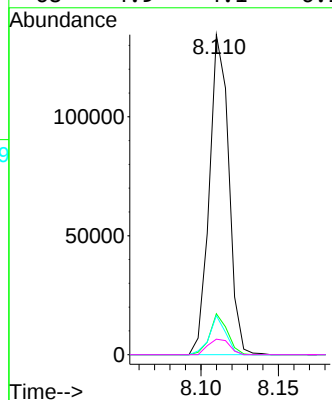


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)

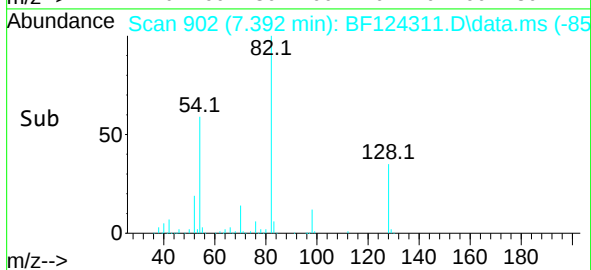
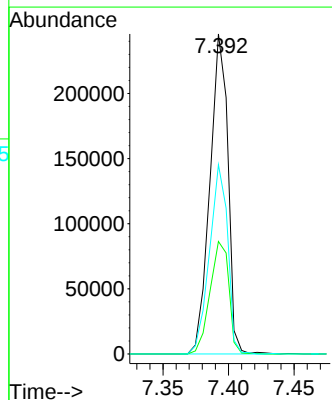
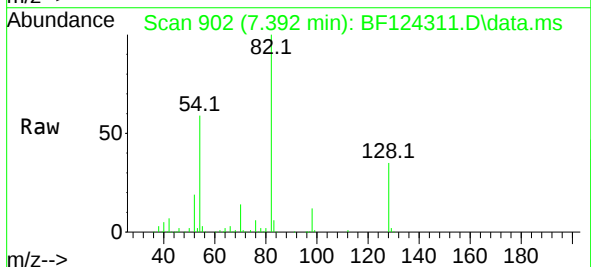


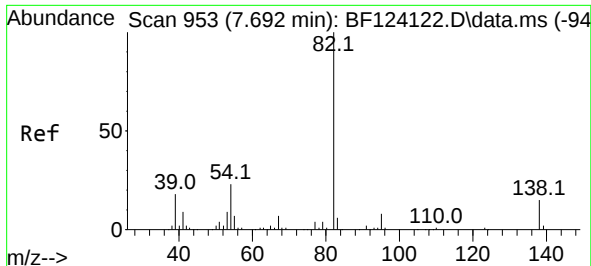
Tgt Ion:136	Resp: 117342
Ion Ratio	Lower Upper
136	100
137	12.8 8.7 13.1
54	12.2 9.8 14.6
68	4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.363 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion: 82	Resp: 234803
Ion Ratio	Lower Upper
82	100
128	35.2 29.4 44.2
54	59.1 54.1 81.1

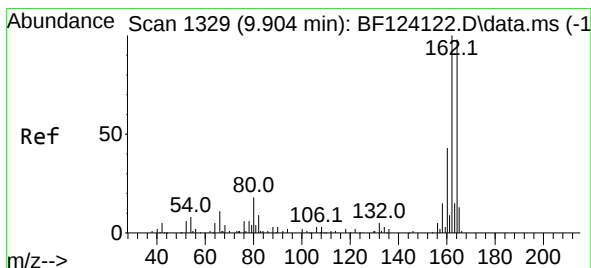
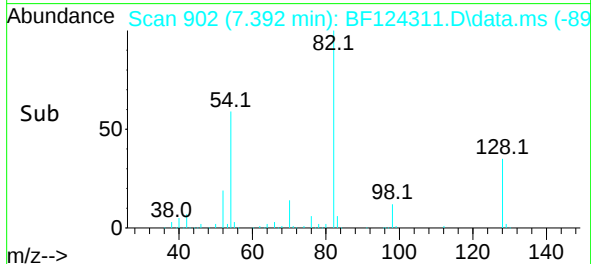
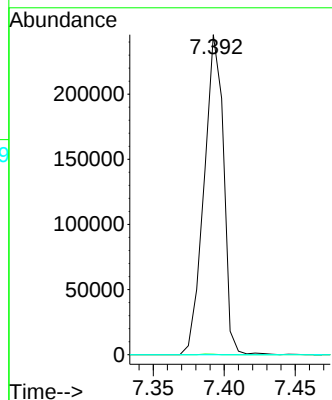
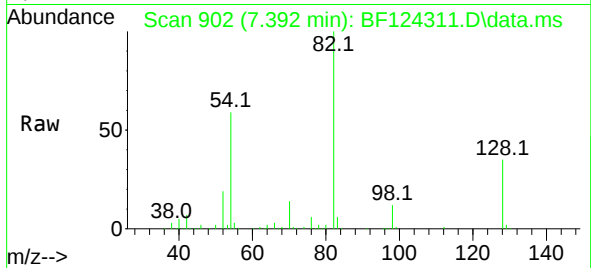




#25
Isophorone
Concen: 44.040 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.271 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

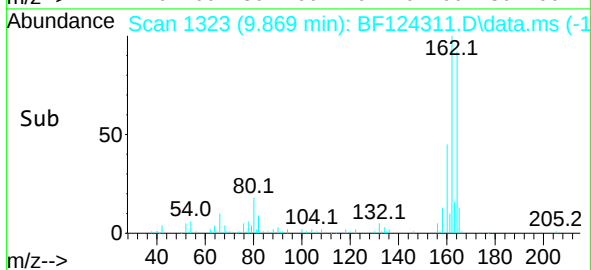
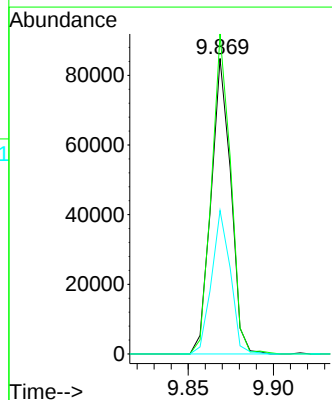
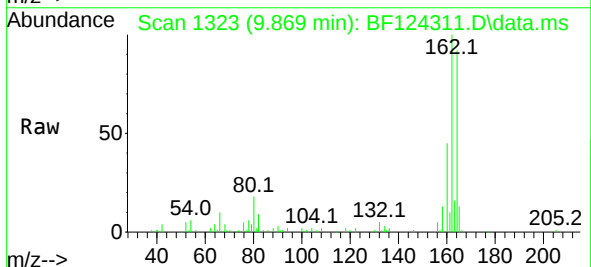
Instrument :
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ClientSampleId :
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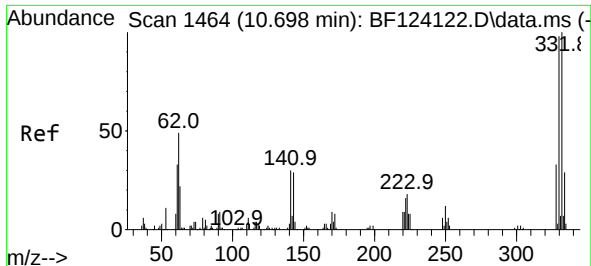
Tgt Ion: 82 Resp: 234799
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion:164 Resp: 68045
Ion Ratio Lower Upper
164 100
162 108.3 80.7 121.1
160 48.6 37.3 55.9

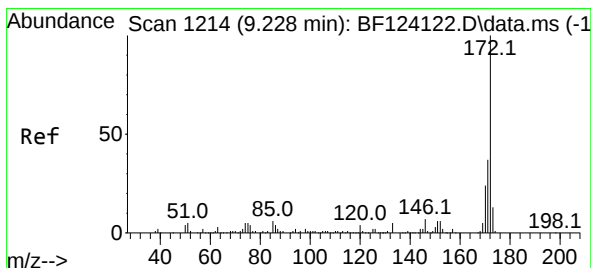
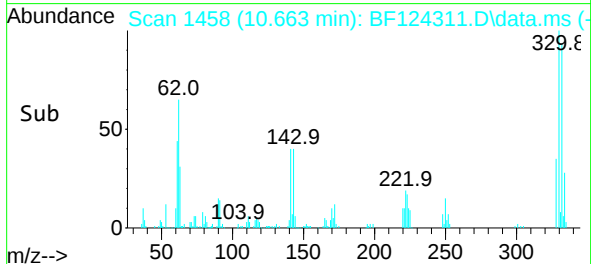
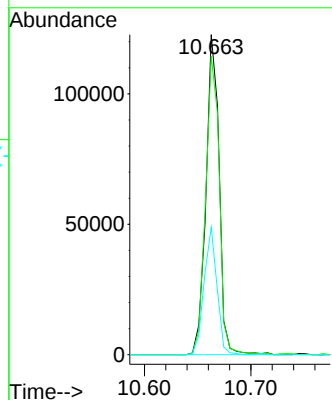
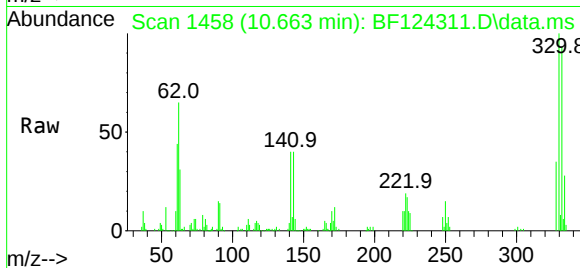




#42
2,4,6-Tribromophenol
Concen: 109.941 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

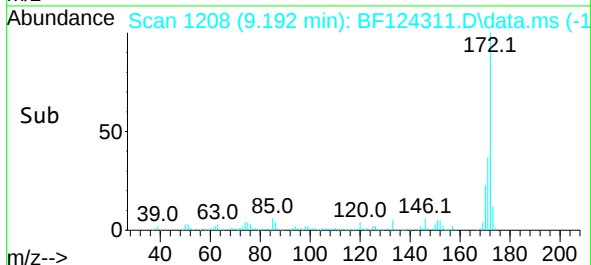
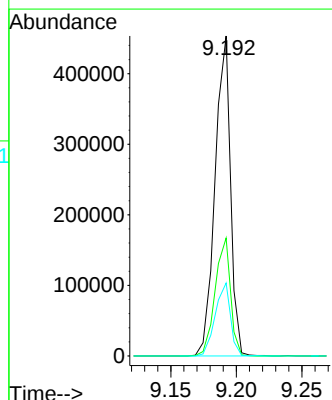
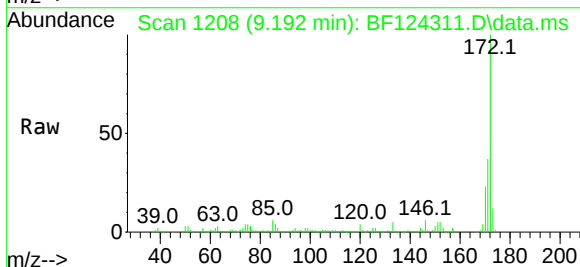
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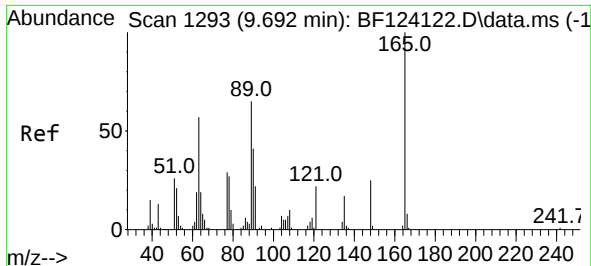
Tgt Ion: 330 Resp: 105987
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 68.529 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion: 172 Resp: 370566
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 22.8 19.2 28.8

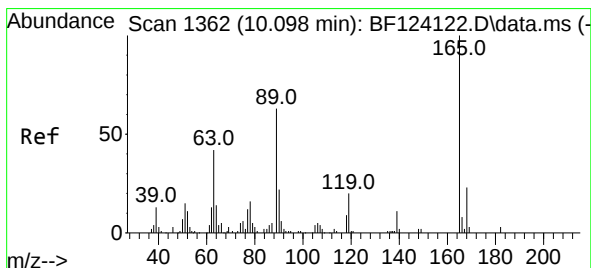
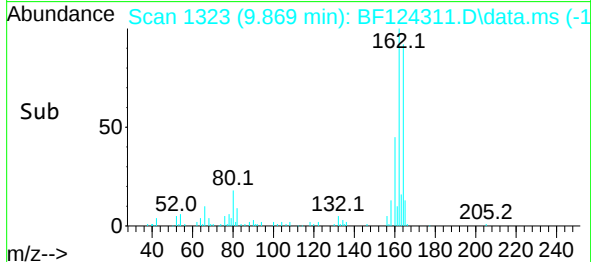
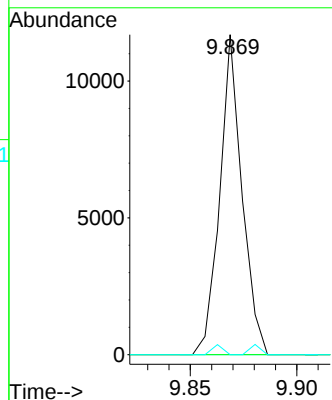
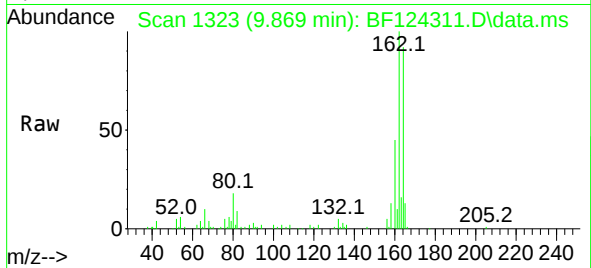




#51
2,6-Dinitrotoluene
Concen: 6.555 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

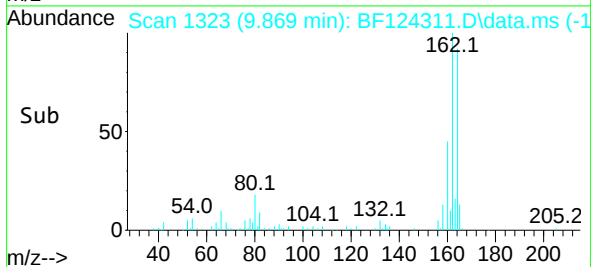
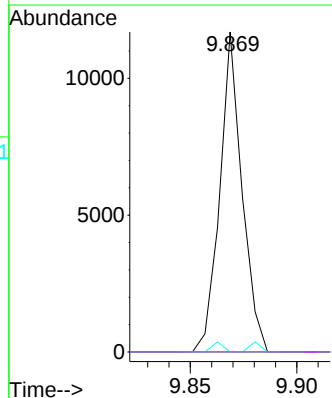
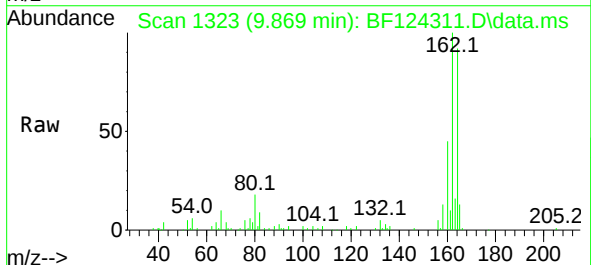
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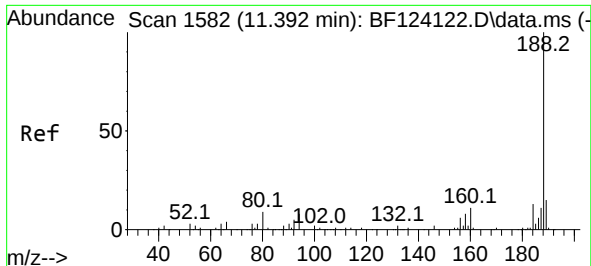
Tgt Ion:165 Resp: 8461
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.970 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion:165 Resp: 8461
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#

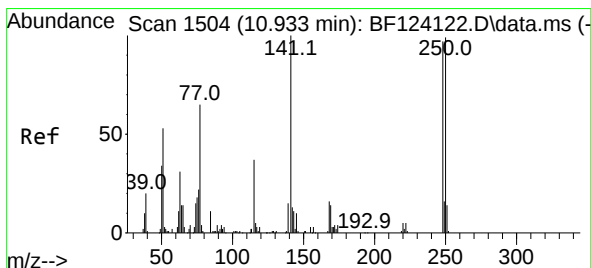
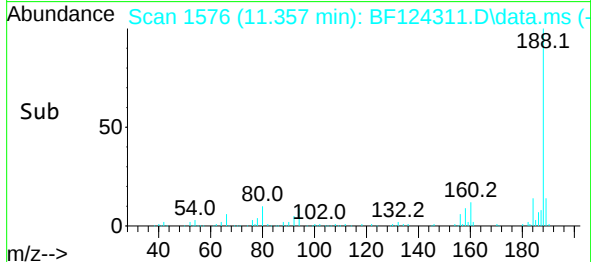
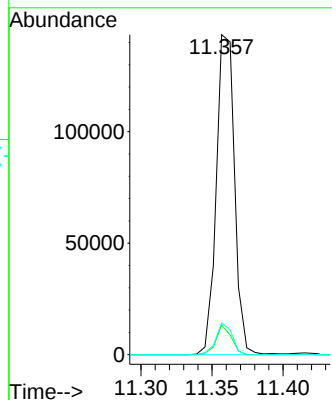
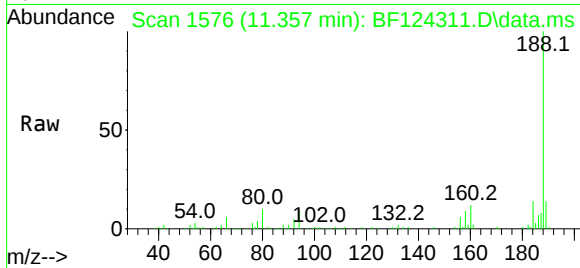




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

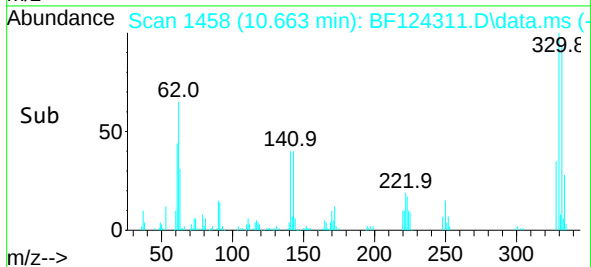
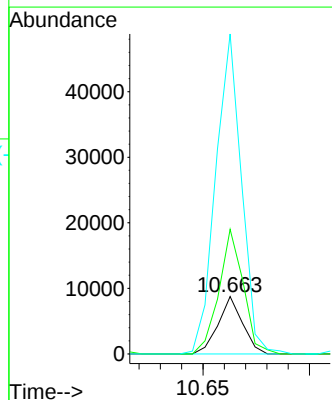
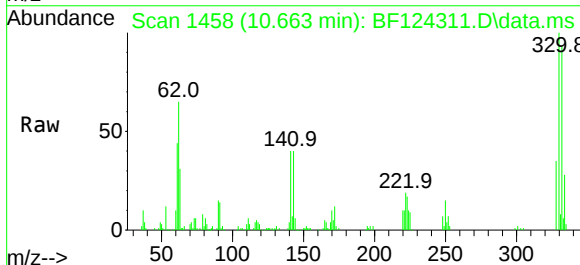
Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)

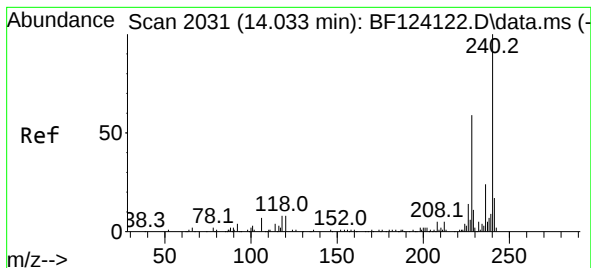
Tgt Ion:188 Resp: 128126
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Tgt Ion:248 Resp: 6977
Ion Ratio Lower Upper
248 100
250 217.1 77.4 116.2#
141 557.3 63.7 95.5#

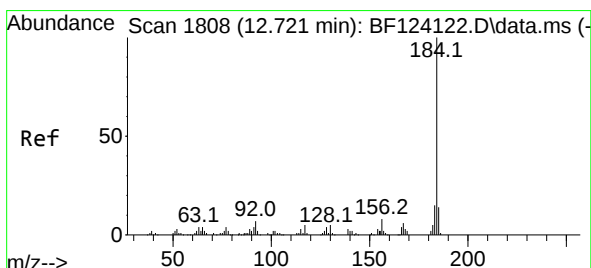
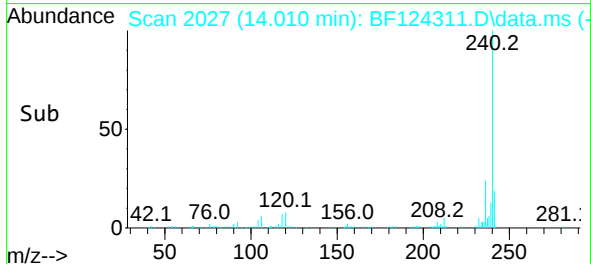
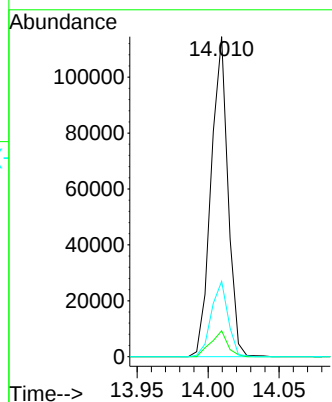
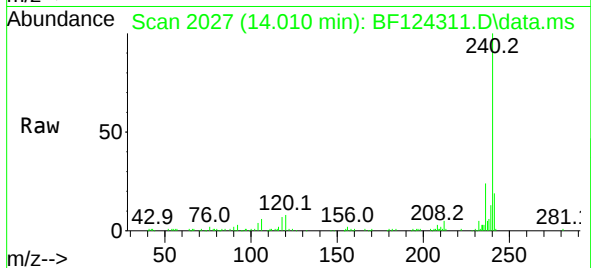




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

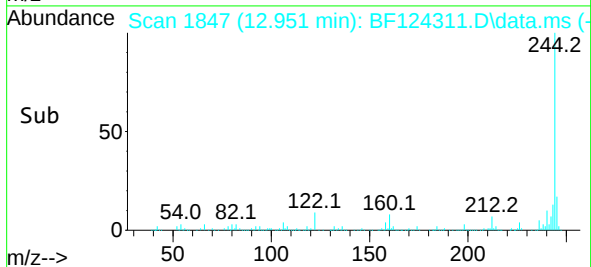
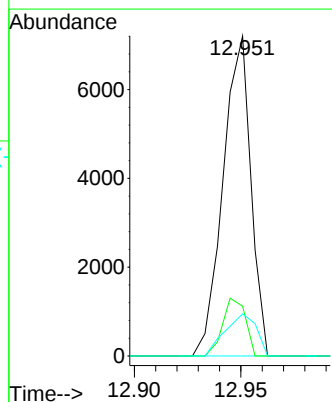
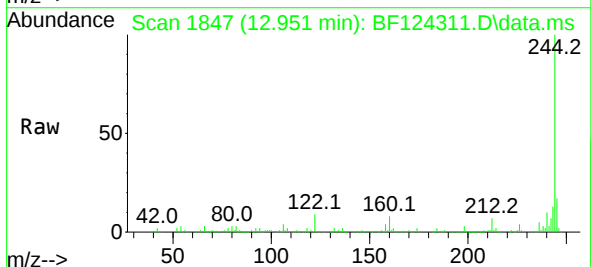
Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)

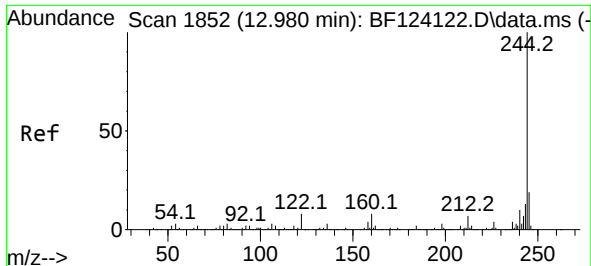
Tgt Ion:240 Resp: 94230
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 23.6 19.0 28.4



#77
Benzidine
Concen: 6.785 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

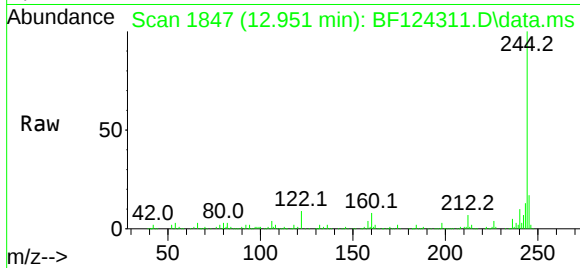
Tgt Ion:184 Resp: 6535
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 13.1 7.8 11.8#



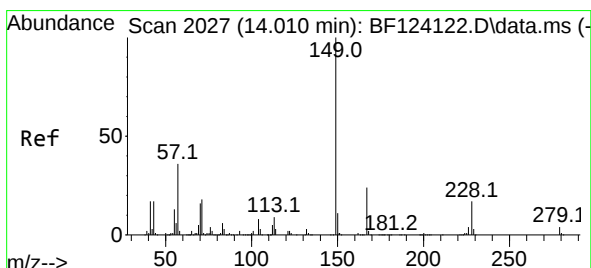
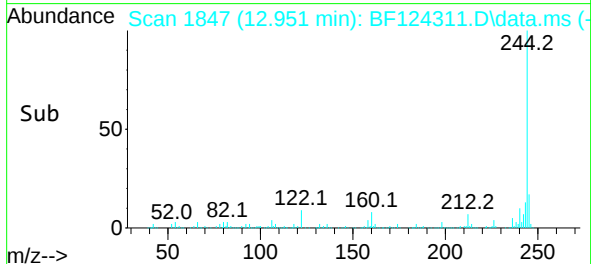
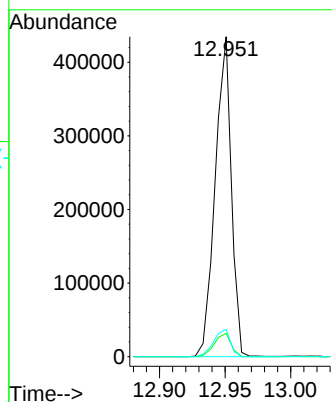


#79
 Terphenyl-d14
 Concen: 54.208 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF124311.D
 Acq: 14 Jun 2021 17:46

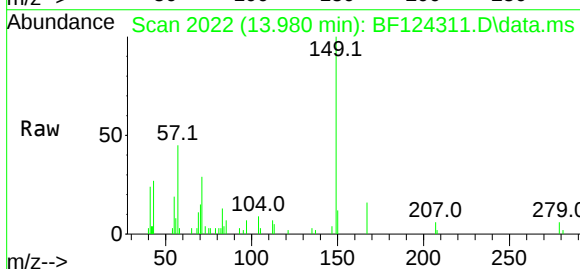
Instrument :
 BNA_F
 ClientSampleId :
 17-B6(104-108)



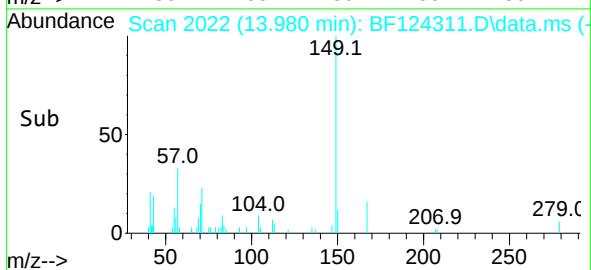
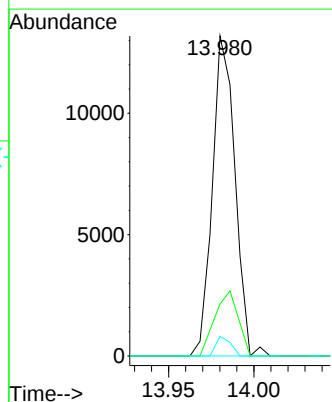
Tgt Ion:244 Resp: 372044
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.5 9.7 14.5#

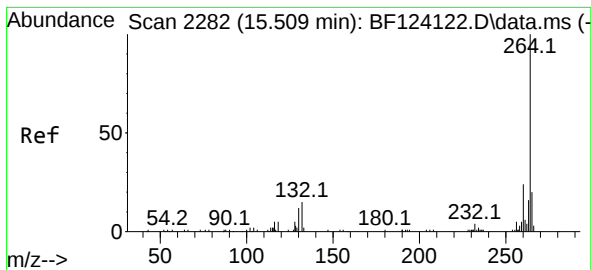


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.784 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF124311.D
 Acq: 14 Jun 2021 17:46



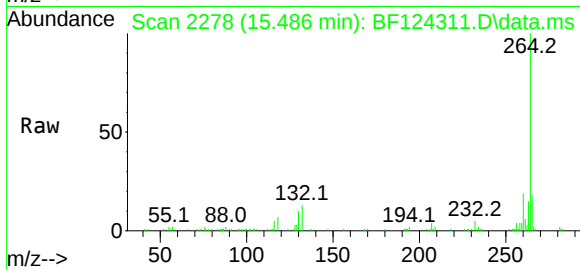
Tgt Ion:149 Resp: 12156
 Ion Ratio Lower Upper
 149 100
 167 16.3 21.8 32.6#
 279 6.1 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124311.D
Acq: 14 Jun 2021 17:46

Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)



Tgt Ion:264 Resp: 71305

Ion	Ratio	Lower	Upper
264	100		
260	19.0	18.7	28.1
265	18.3	17.8	26.8

