

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124305.D
 Acq On : 14 Jun 2021 14:27
 Operator : JU/CG
 Sample : M2626-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12-DUP-01

Quant Time: Jun 14 14:51:20 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)

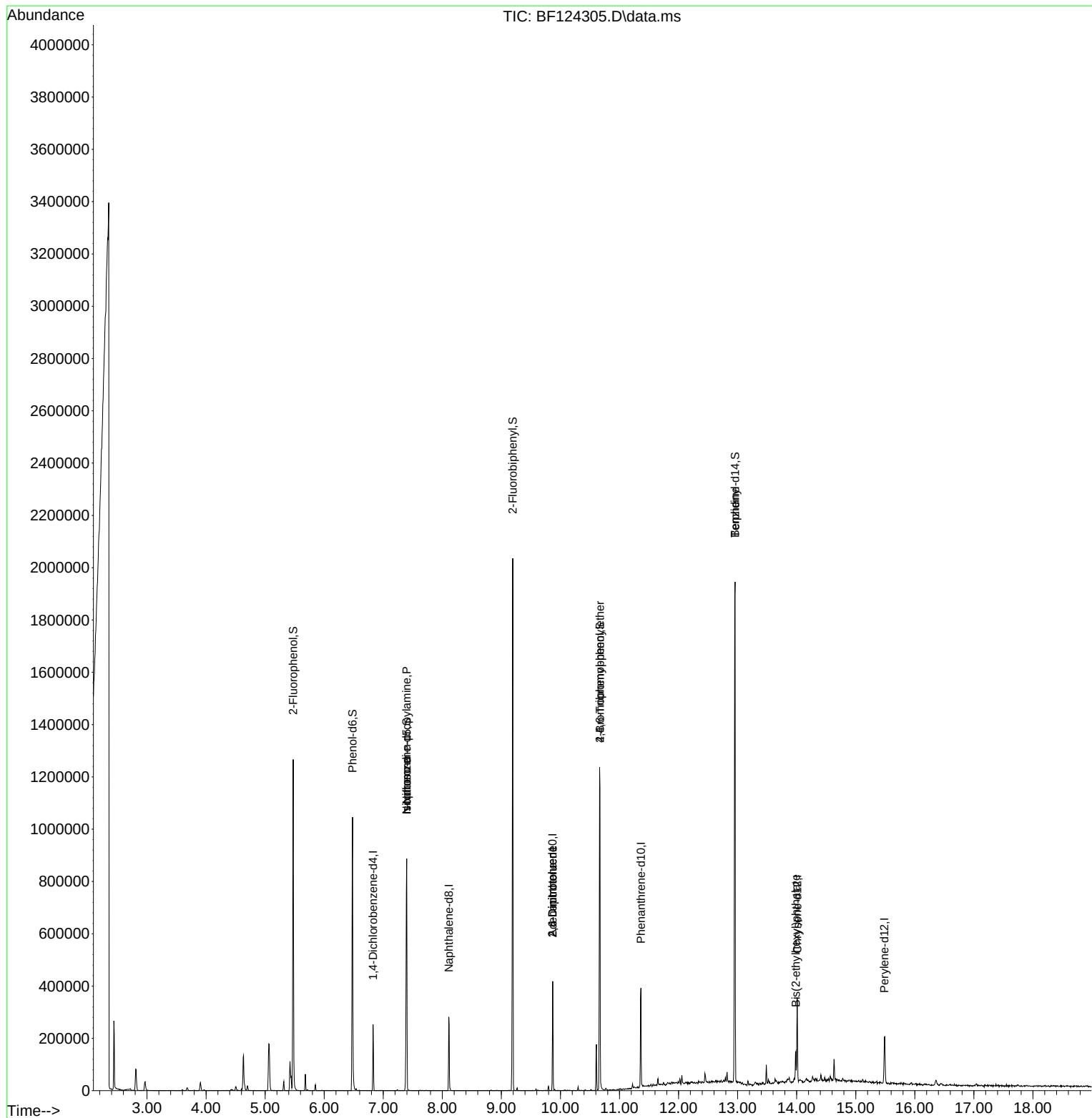
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	28913	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	114896	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	69641	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	130868	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	96575	20.000	ng	0.00
86) Perylene-d12	15.486	264	72394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	267696	139.375	ng	0.02
7) Phenol-d6	6.481	99	299248	115.911	ng	0.00
23) Nitrobenzene-d5	7.398	82	287687	99.308	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	142818	144.751	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	516396	93.309	ng	0.00
79) Terphenyl-d14	12.957	244	634892	90.259	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	41649	22.853	ng	# 68
25) Isophorone	7.398	82	287685	55.109	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	9639	7.296	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	9639	5.532	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	9957	5.543	ng	# 1
77) Benzidine	12.957	184	10738	8.428	ng	96
84) Bis(2-ethylhexyl)phtha...	13.986	149	29525	6.598	ng	97

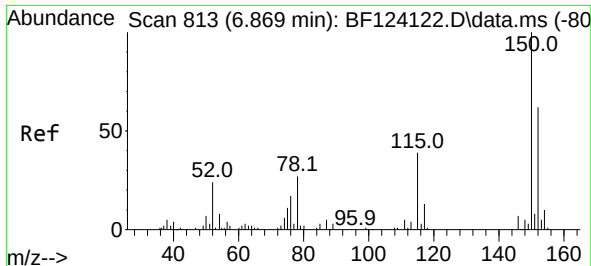
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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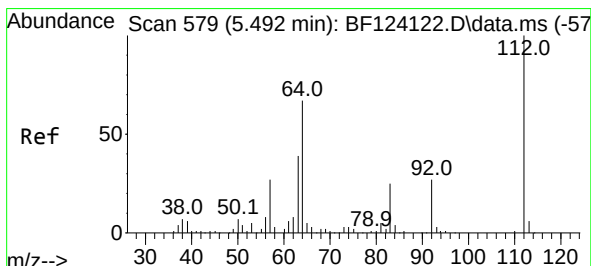
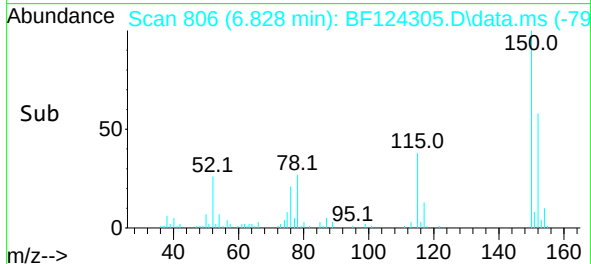
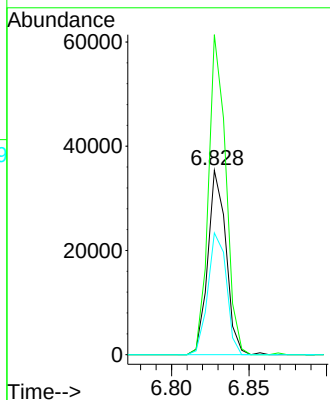
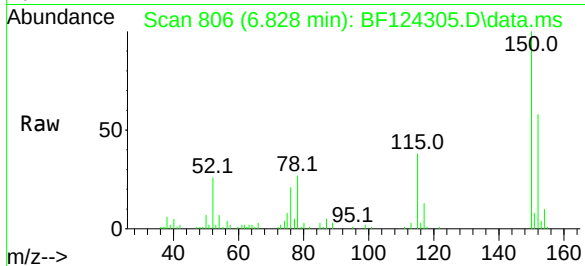




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

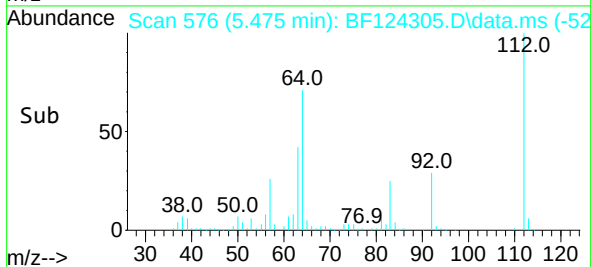
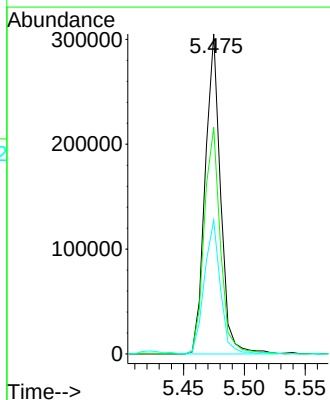
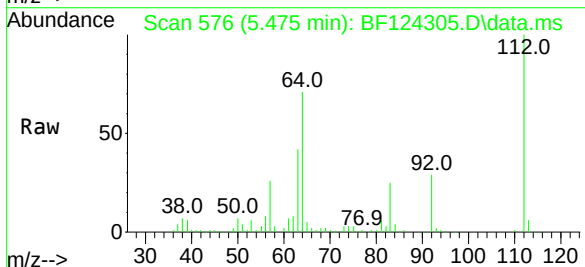
Instrument :
BNA_F
ClientSampled :
18-B12-DUP-01

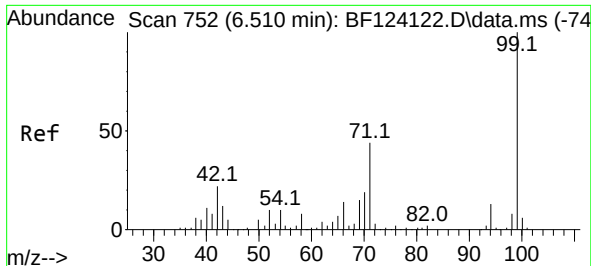
Tgt Ion:152 Resp: 28913
Ion Ratio Lower Upper
152 100
150 173.6 127.0 190.6
115 66.1 54.3 81.5



#5
2-Fluorophenol
Concen: 139.375 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion:112 Resp: 267696
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 41.8 33.0 49.4

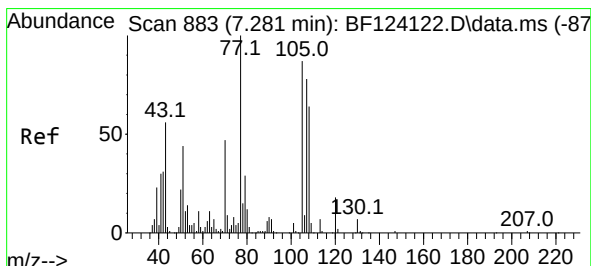
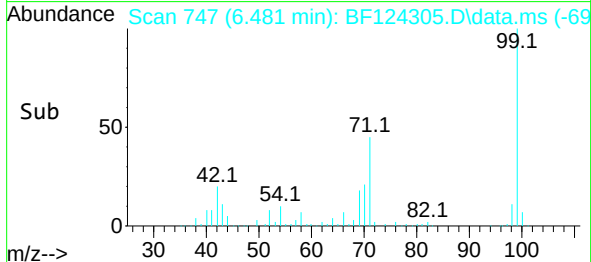
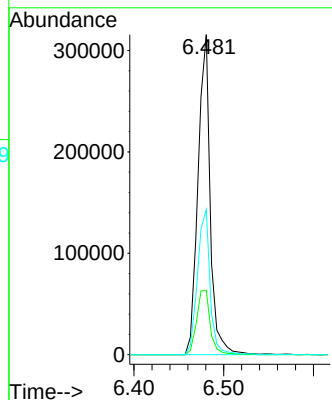
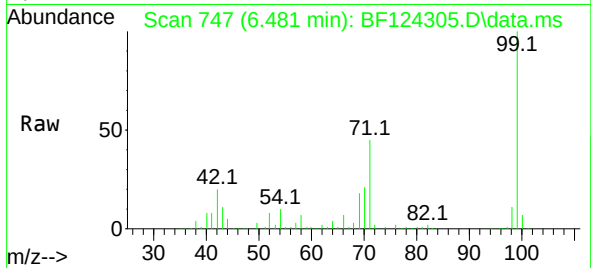




#7
Phenol-d6
Concen: 115.911 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

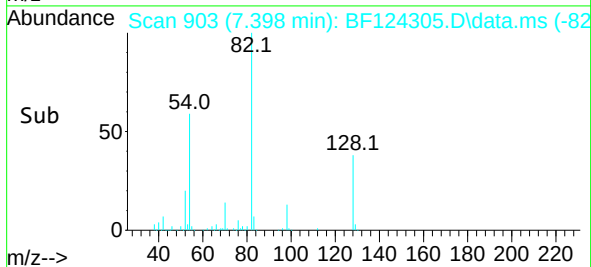
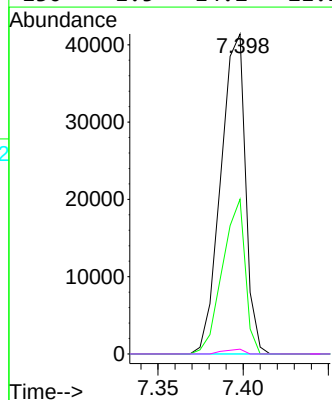
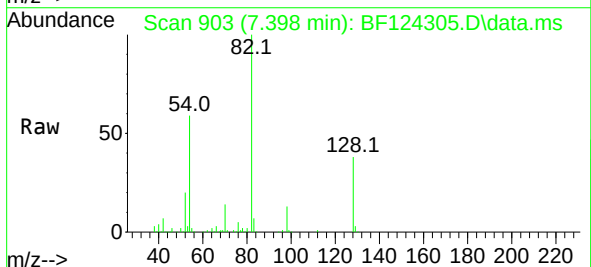
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

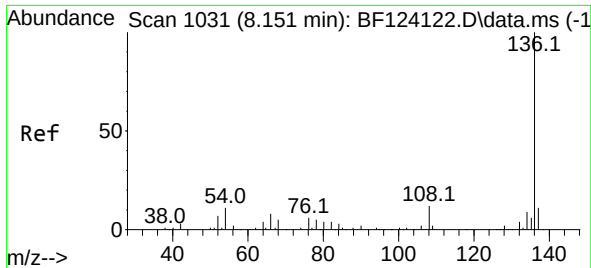
Tgt Ion: 99 Resp: 299248
Ion Ratio Lower Upper
99 100
42 20.1 19.8 29.8
71 45.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 22.853 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 70 Resp: 41649
Ion Ratio Lower Upper
70 100
42 48.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

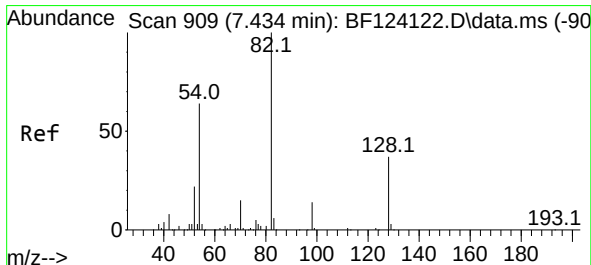
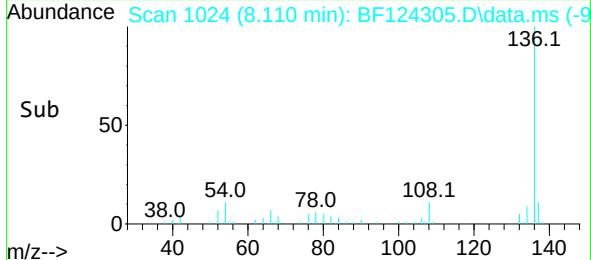
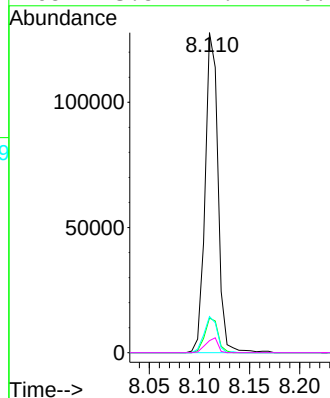
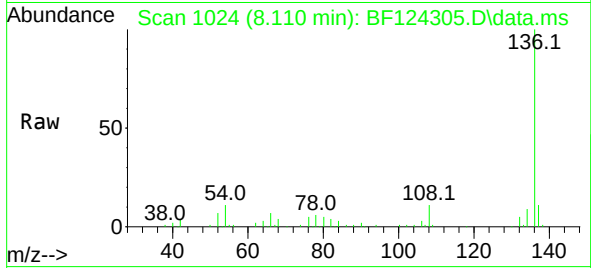




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

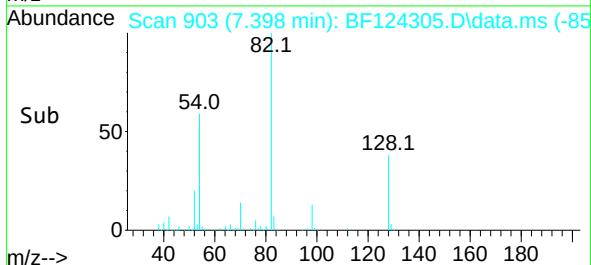
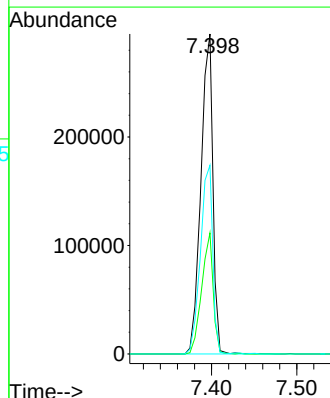
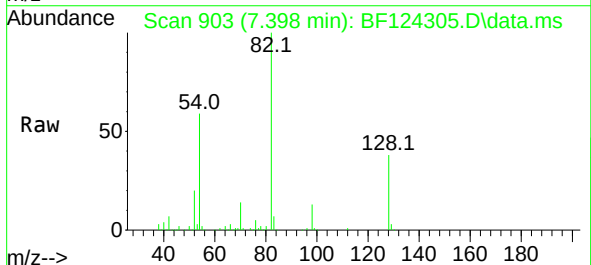
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

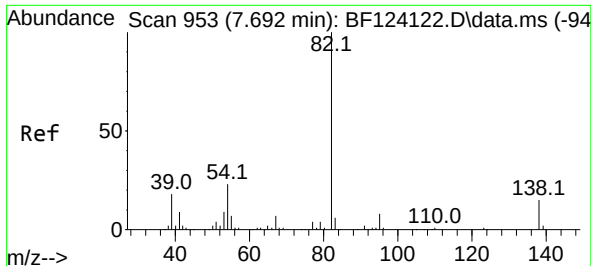
Tgt Ion:	136	Resp:	114896
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	11.3	9.8	14.6
68	3.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 99.308 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion:	82	Resp:	287687
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.4	44.2
54	59.0	54.1	81.1

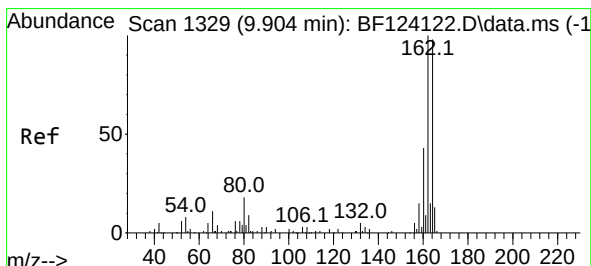
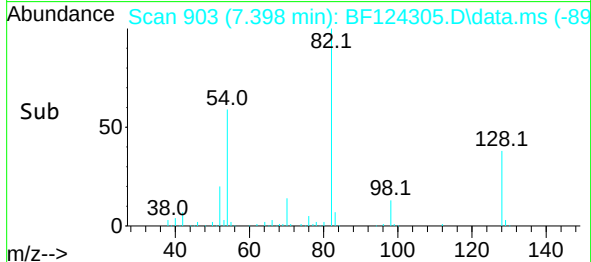
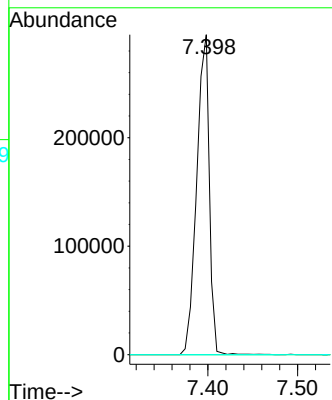
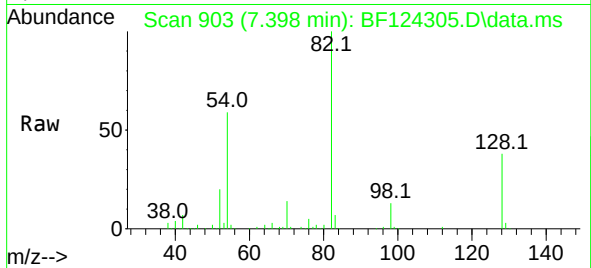




#25
Isophorone
Concen: 55.109 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

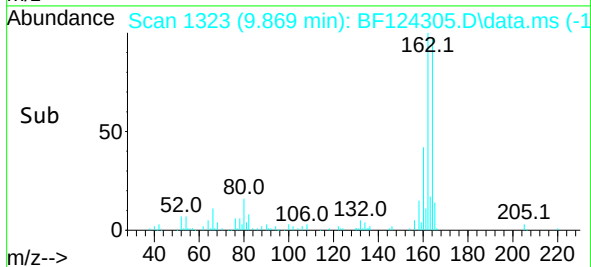
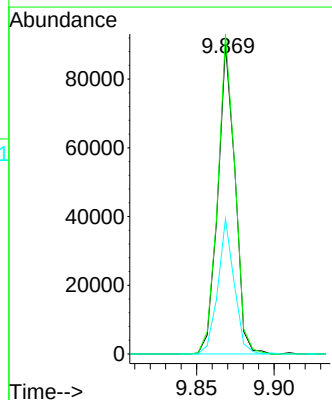
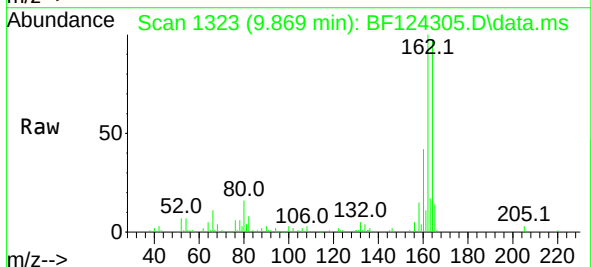
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

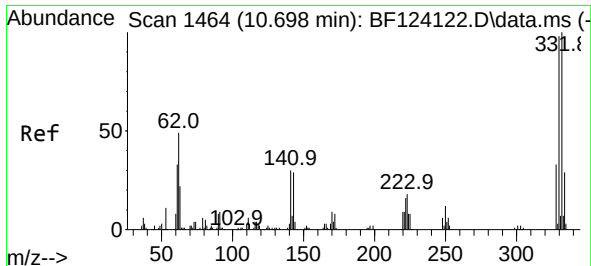
Tgt Ion: 82 Resp: 287685
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 164 Resp: 69641
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 43.7 37.3 55.9

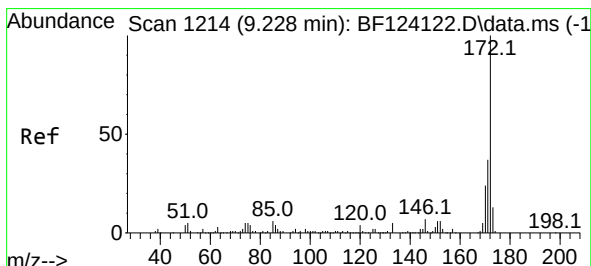
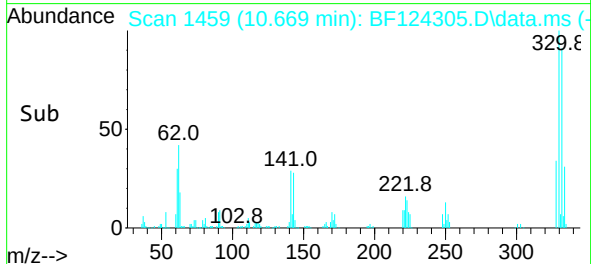
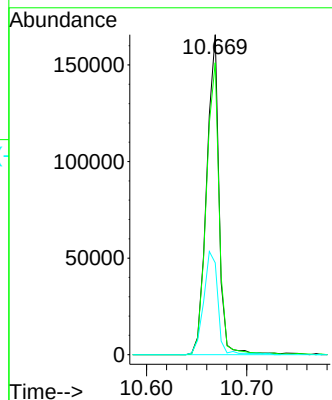
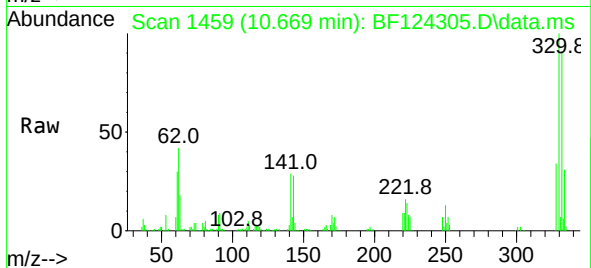




#42
2,4,6-Tribromophenol
Concen: 144.751 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

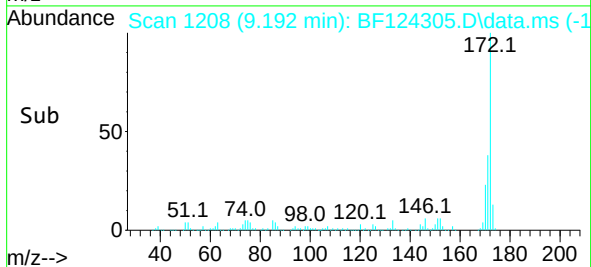
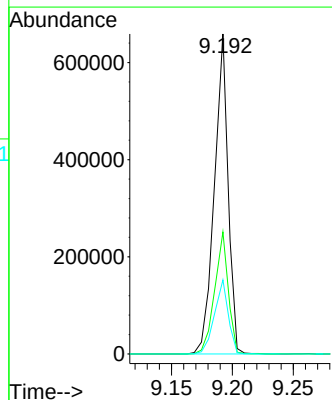
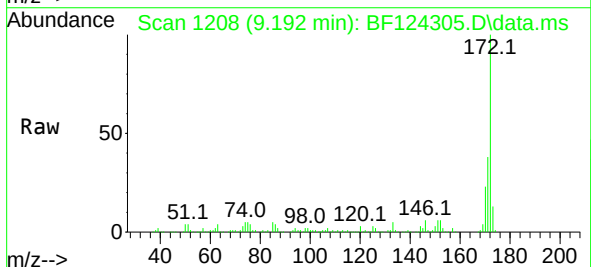
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

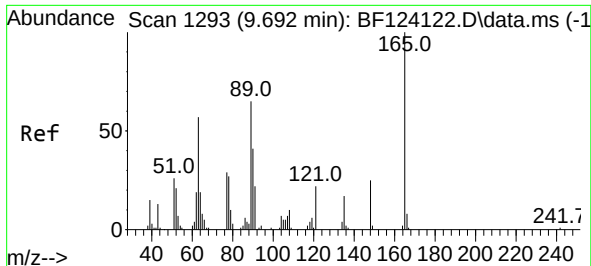
Tgt Ion: 330 Resp: 142818
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 36.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.309 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 172 Resp: 516396
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 23.2 19.2 28.8

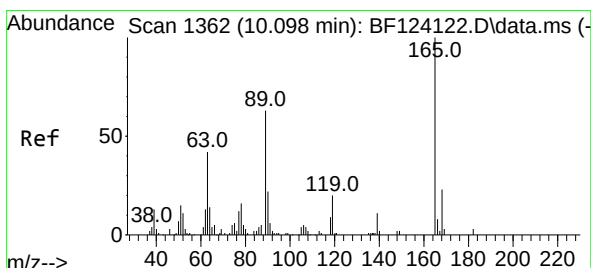
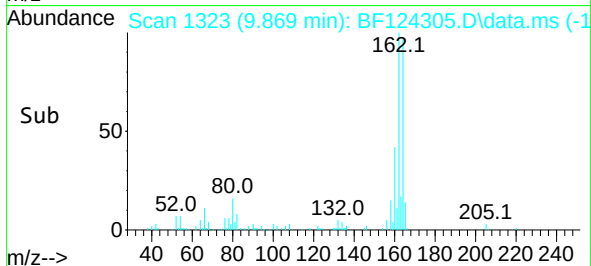
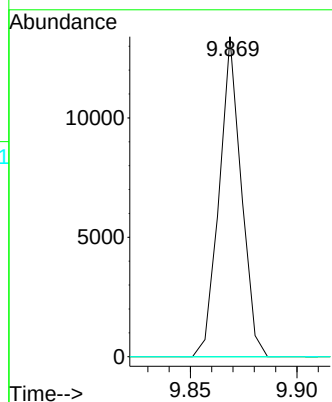
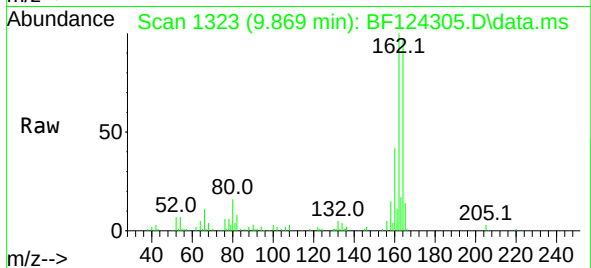




#51
2,6-Dinitrotoluene
Concen: 7.296 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

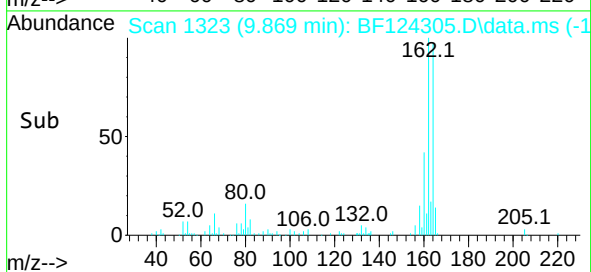
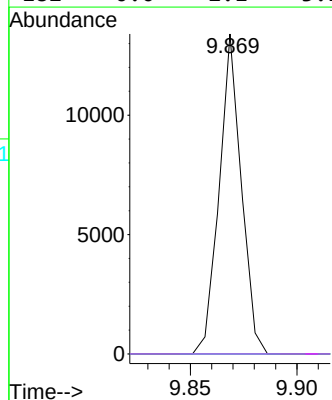
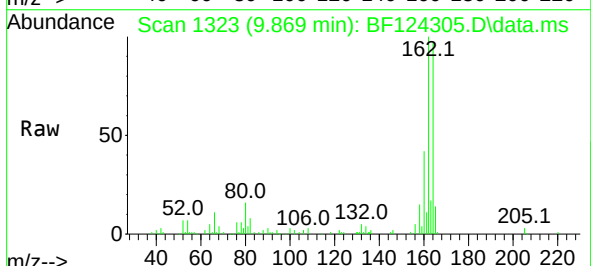
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

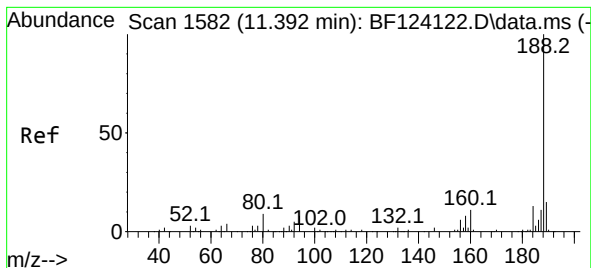
Tgt Ion:165 Resp: 9639
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.532 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion:165 Resp: 9639
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#

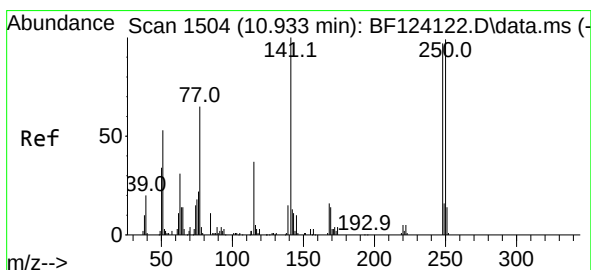
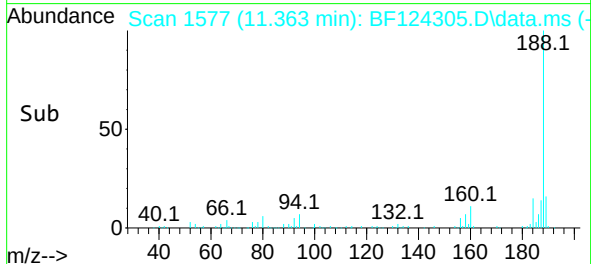
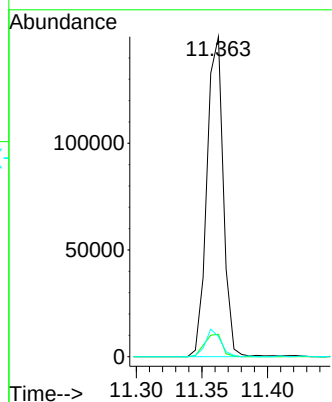
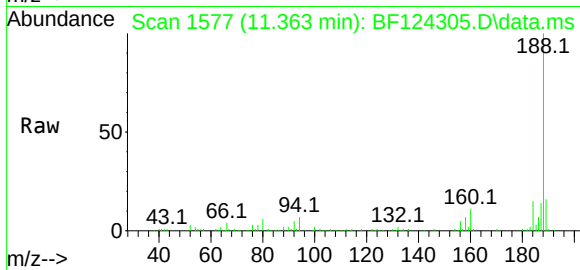




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

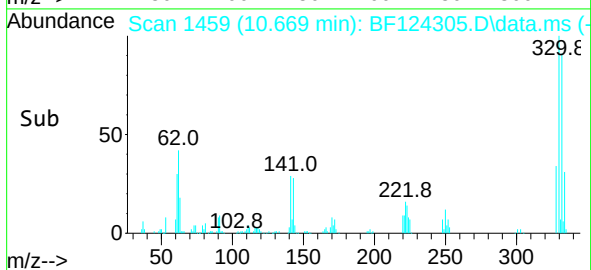
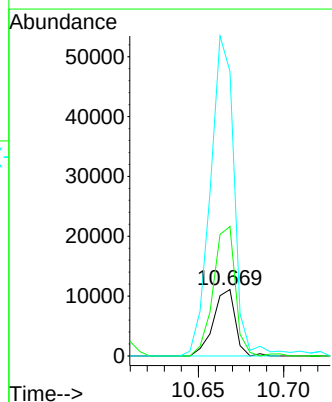
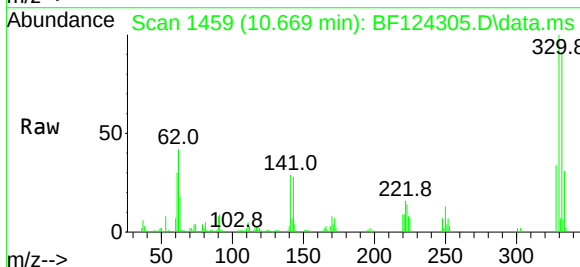
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

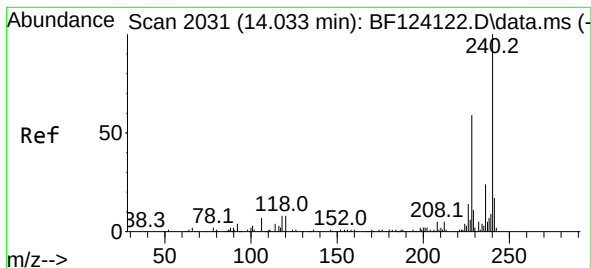
Tgt Ion:188 Resp: 130868
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 6.3 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 5.543 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion:248 Resp: 9957
Ion Ratio Lower Upper
248 100
250 195.1 77.4 116.2#
141 428.8 63.7 95.5#

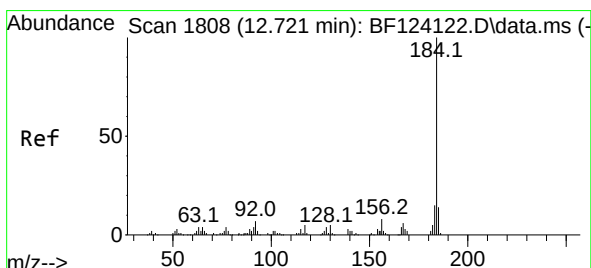
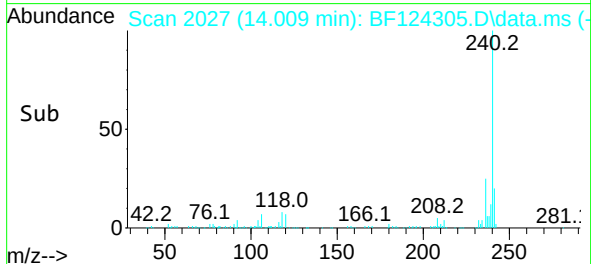
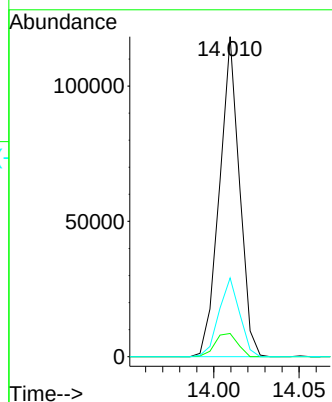
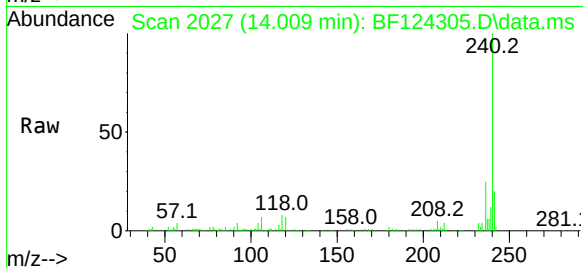




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

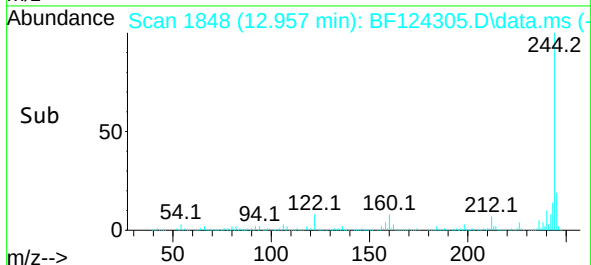
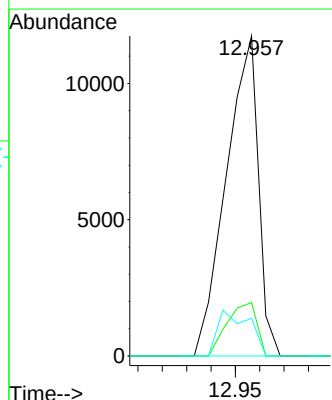
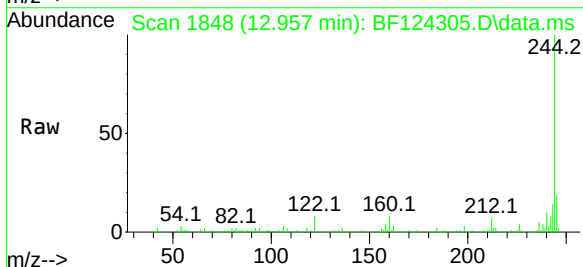
Instrument :
BNA_F
ClientSampleId :
18-B12-DUP-01

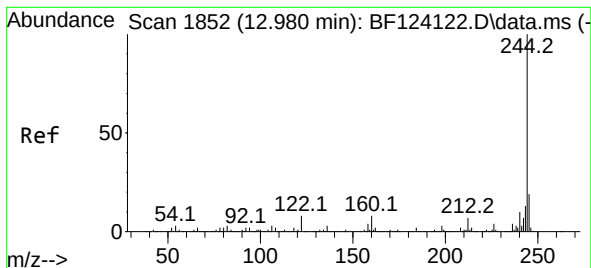
Tgt Ion:240 Resp: 96575
Ion Ratio Lower Upper
240 100
120 7.3 7.2 10.8
236 24.6 19.0 28.4



#77
Benzidine
Concen: 8.428 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF124305.D
Acq: 14 Jun 2021 14:27

Tgt Ion:184 Resp: 10738
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 11.8 7.8 11.8





#79

Terphenyl-d14

Concen: 90.259 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF124305.D

Acq: 14 Jun 2021 14:27

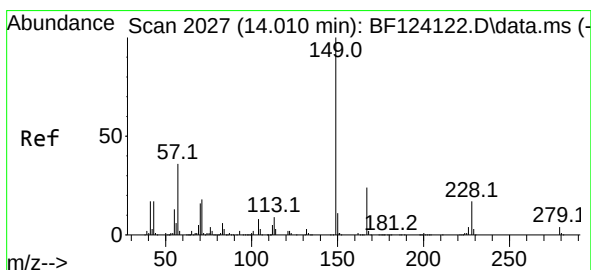
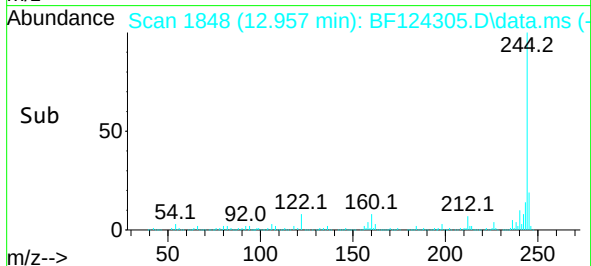
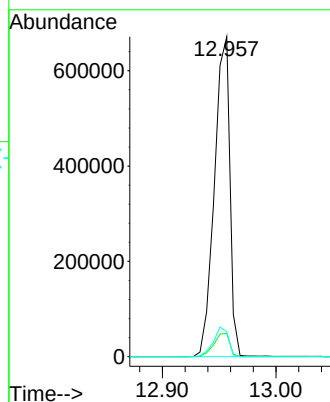
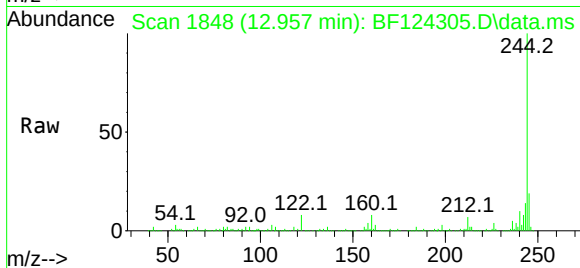
Tgt Ion:244 Resp: 634892

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 7.8 9.7 14.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.598 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF124305.D

Acq: 14 Jun 2021 14:27

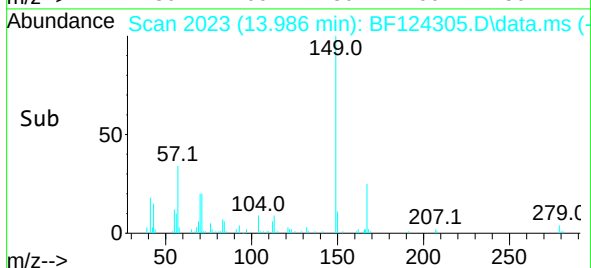
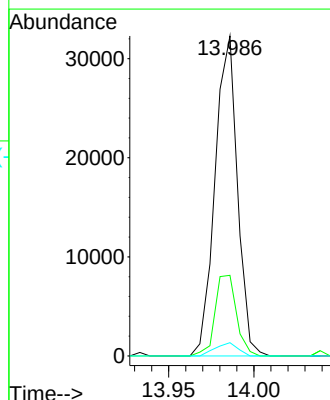
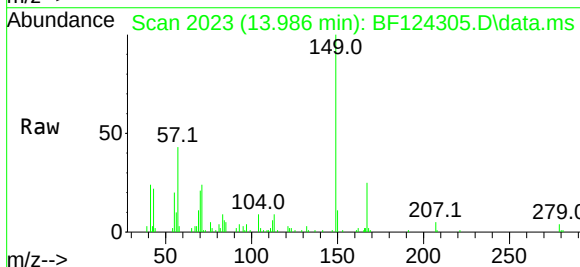
Tgt Ion:149 Resp: 29525

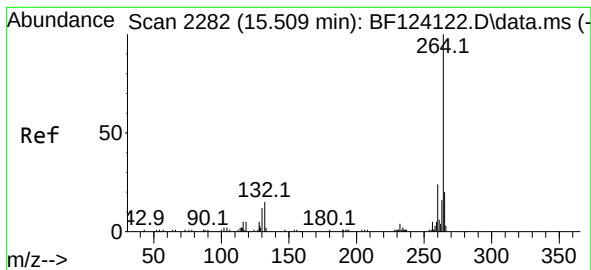
Ion Ratio Lower Upper

149 100

167 25.2 21.8 32.6

279 4.2 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: BF124305.D

Acq: 14 Jun 2021 14:27

Tgt Ion:264 Resp: 72394

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.2 17.8 26.8

