

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124331.D
 Acq On : 15 Jun 2021 19:45
 Operator : JU/CG
 Sample : M2658-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-2

Quant Time: Jun 15 20:14:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

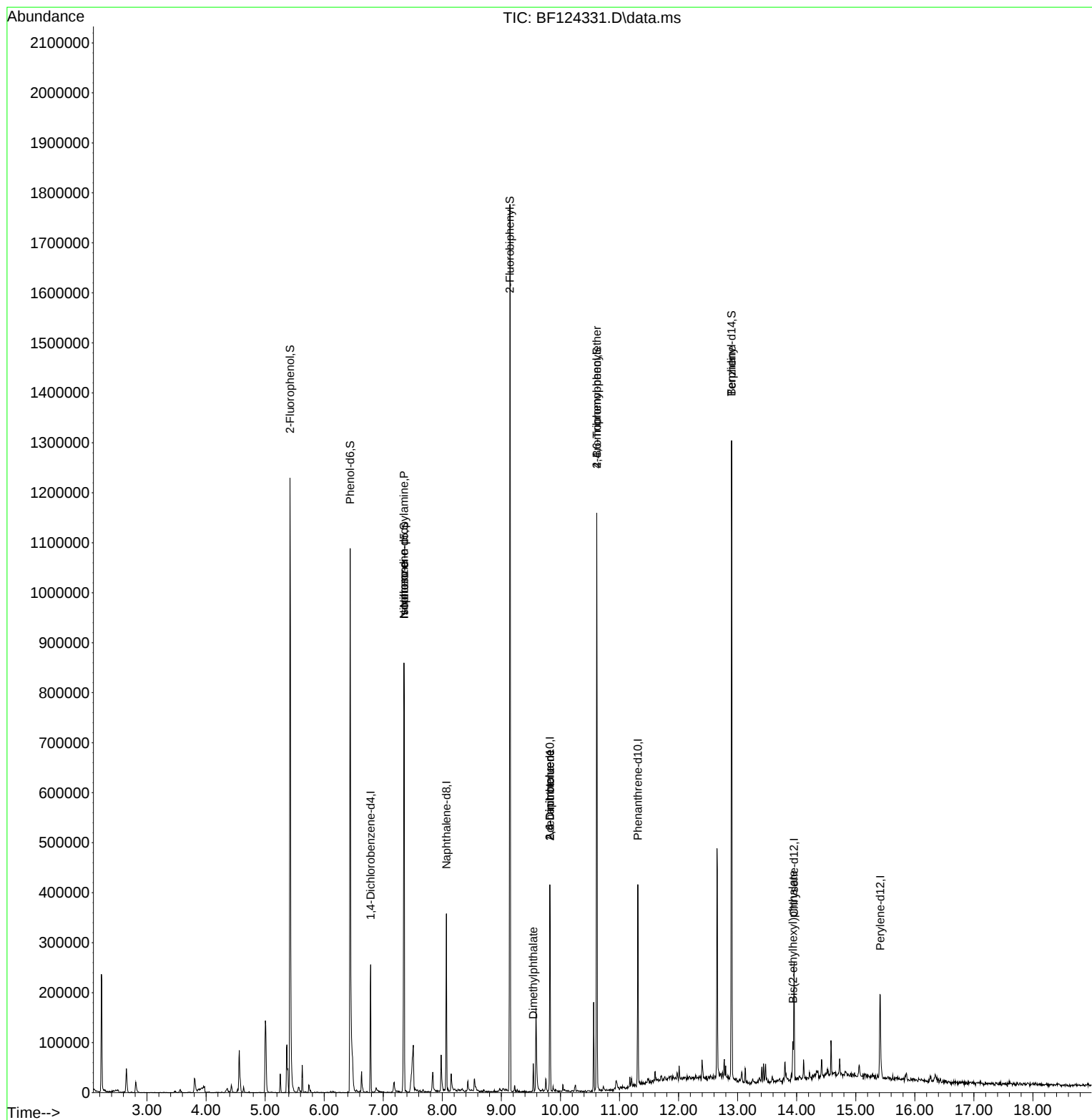
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	31680	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	120069	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69810	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	121552	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	69043	20.000	ng	0.00
86) Perylene-d12	15.415	264	70331	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	273914	130.156	ng	0.00
7) Phenol-d6	6.439	99	317048	112.079	ng	0.00
23) Nitrobenzene-d5	7.351	82	279250	92.242	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	110363	111.586	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	515839	92.983	ng	0.00
79) Terphenyl-d14	12.898	244	383887	76.338	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	41123	20.593	ng	# 61
25) Isophorone	7.351	82	279132	51.167	ng	# 69
50) Dimethylphthalate	9.539	163	16594	2.873	ng	97
51) 2,6-Dinitrotoluene	9.822	165	9223	6.964	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	9223	5.281	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	8163	4.893	ng	# 1
77) Benzidine	12.898	184	8628	8.969	ng	95
84) Bis(2-ethylhexyl)phtha...	13.939	149	18516	5.788	ng	# 97

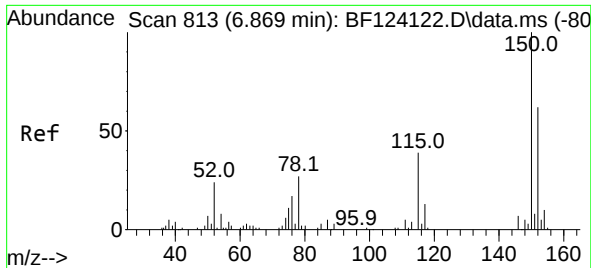
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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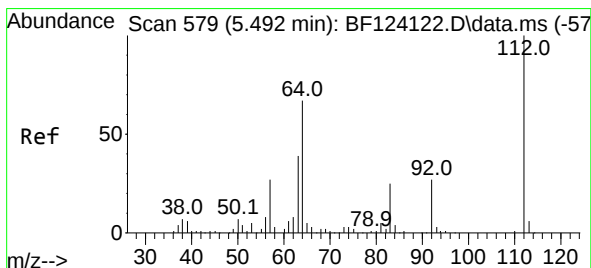
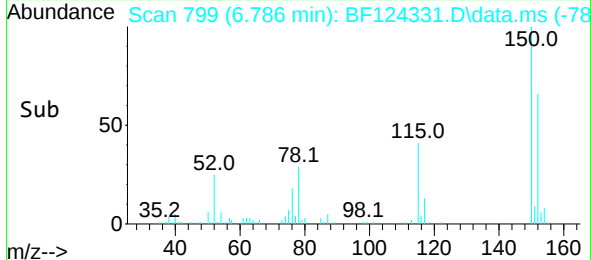
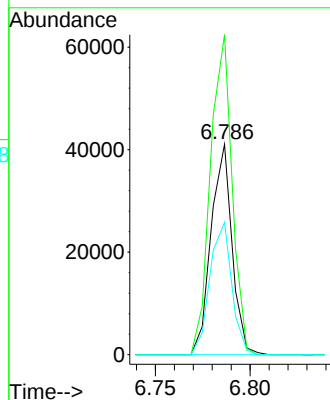
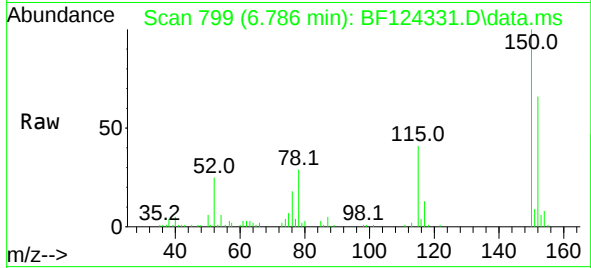




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

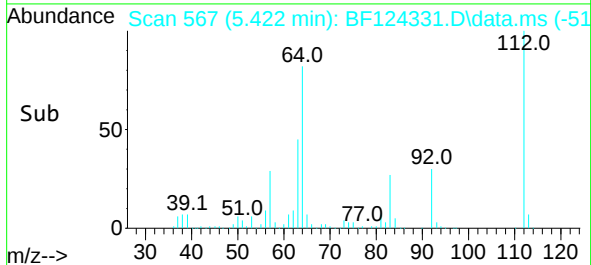
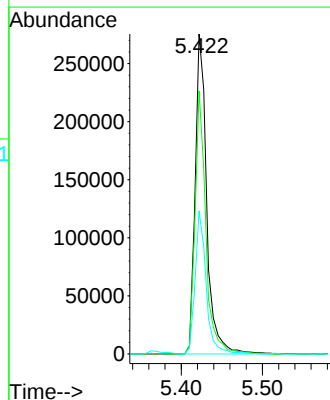
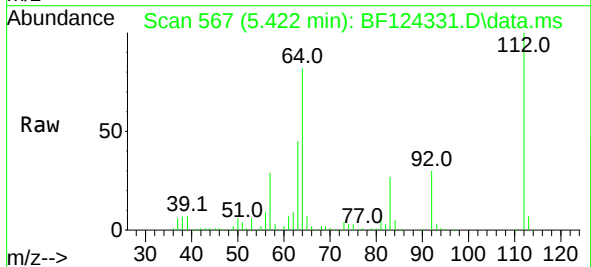
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

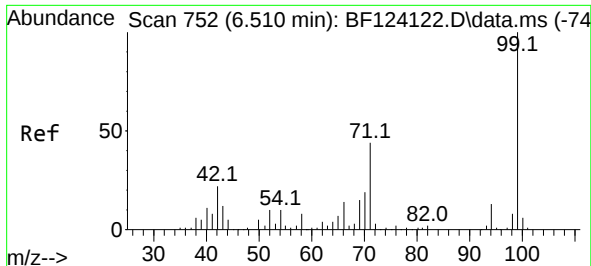
Tgt Ion:152 Resp: 31680
Ion Ratio Lower Upper
152 100
150 152.1 127.0 190.6
115 62.9 54.3 81.5



#5
2-Fluorophenol
Concen: 130.156 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion:112 Resp: 273914
Ion Ratio Lower Upper
112 100
64 82.2 61.4 92.0
63 44.7 33.0 49.4

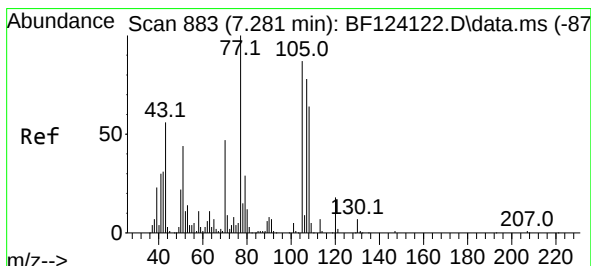
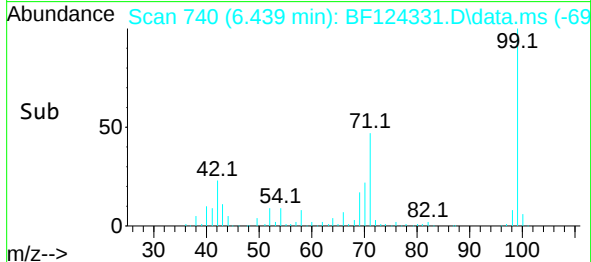
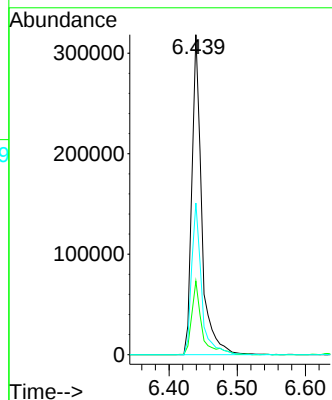
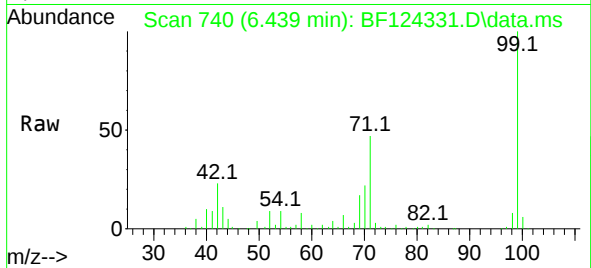




#7
Phenol-d6
Concen: 112.079 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

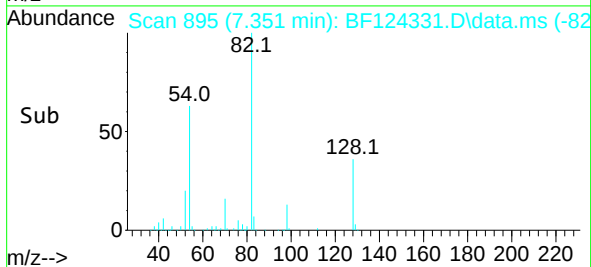
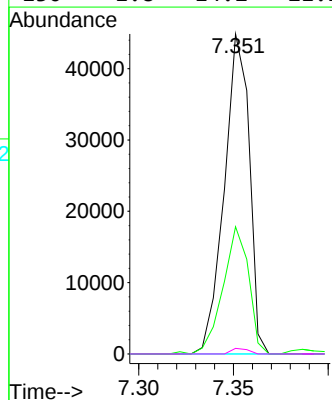
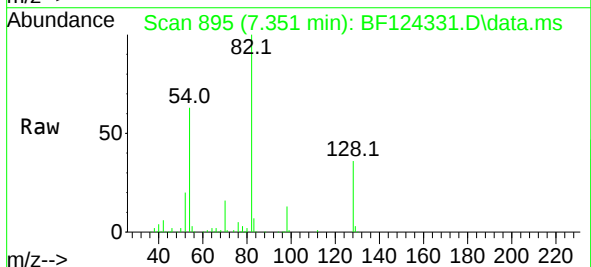
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

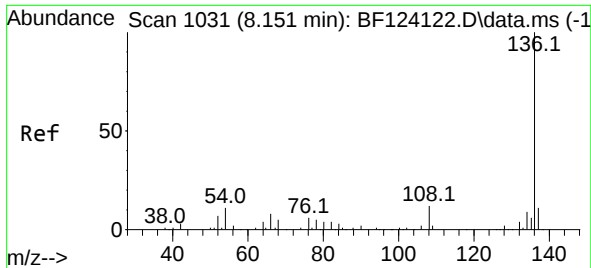
Tgt Ion: 99 Resp: 317048
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 47.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 20.593 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

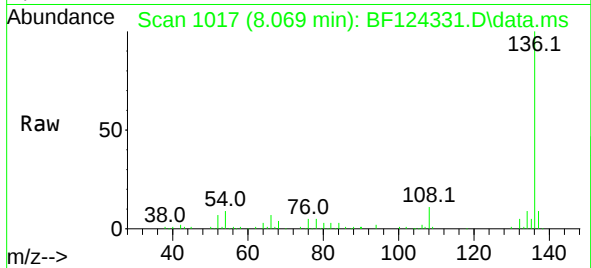
Tgt Ion: 70 Resp: 41123
Ion Ratio Lower Upper
70 100
42 39.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



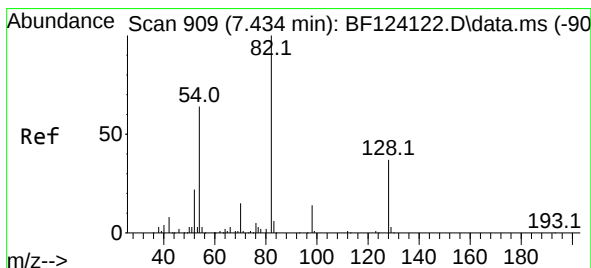
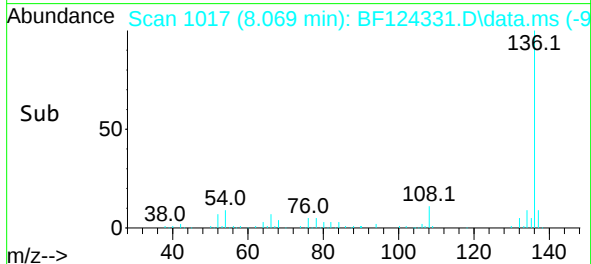
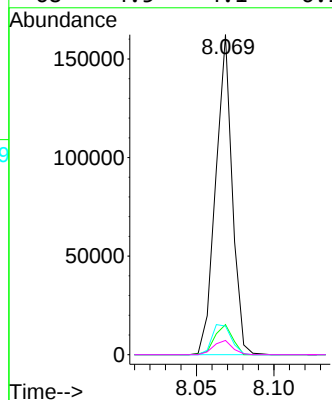


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Instrument :
BNA_F
ClientSampleId :
G-WALL-2

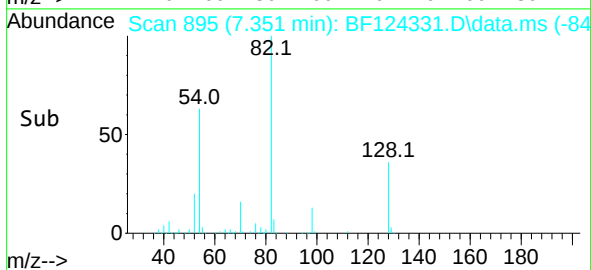
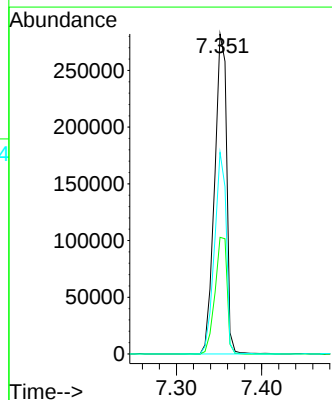
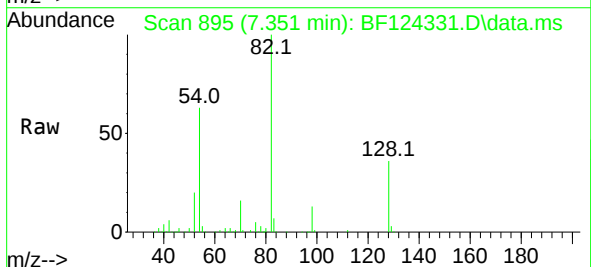


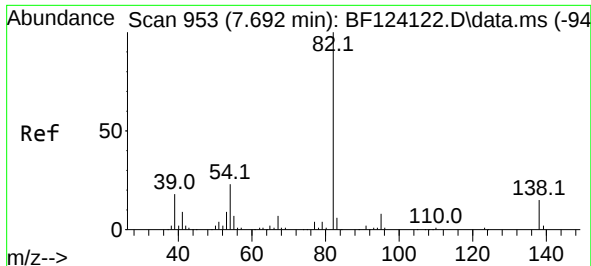
Tgt Ion:136 Resp: 120069
Ion Ratio Lower Upper
136 100
137 9.4 8.7 13.1
54 9.0 9.8 14.6#
68 4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.242 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion: 82 Resp: 279250
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 63.0 54.1 81.1

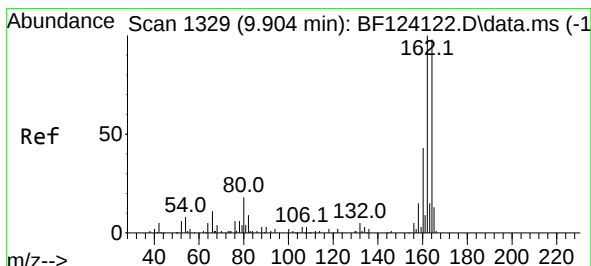
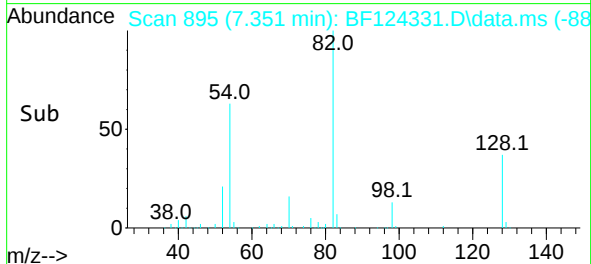
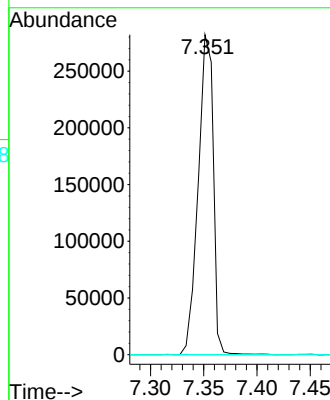
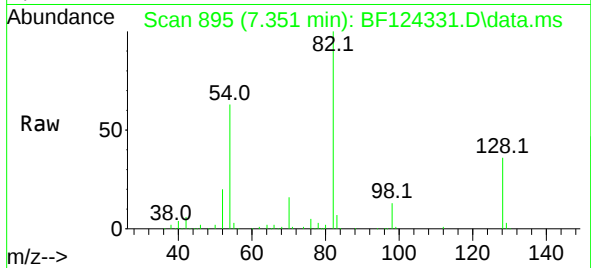




#25
Isophorone
Concen: 51.167 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

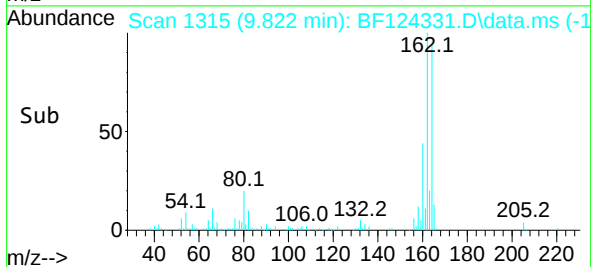
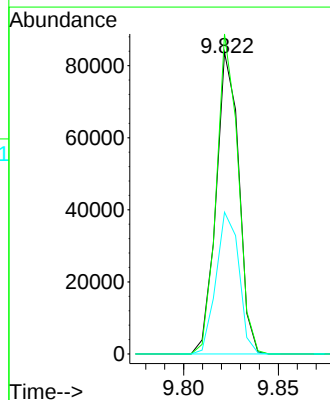
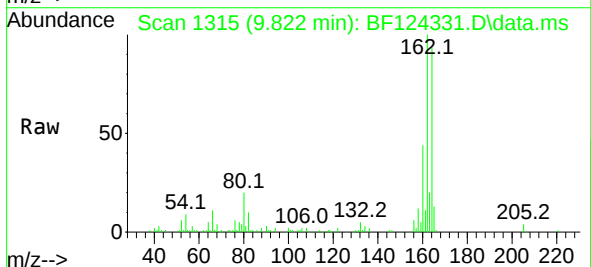
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

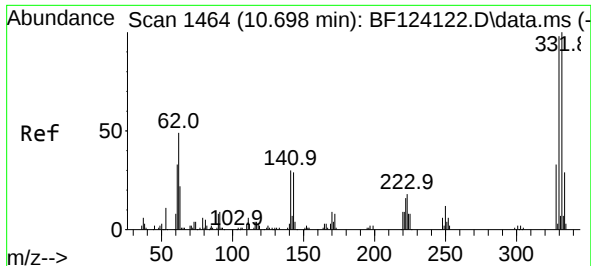
Tgt Ion: 82 Resp: 279132
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

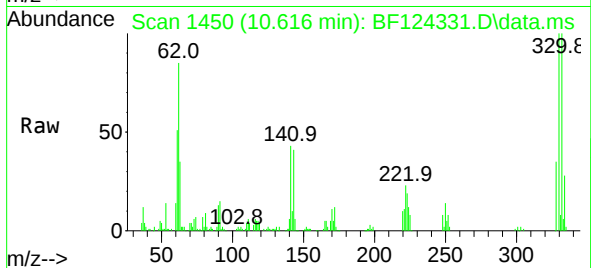
Tgt Ion: 164 Resp: 69810
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 47.0 37.3 55.9



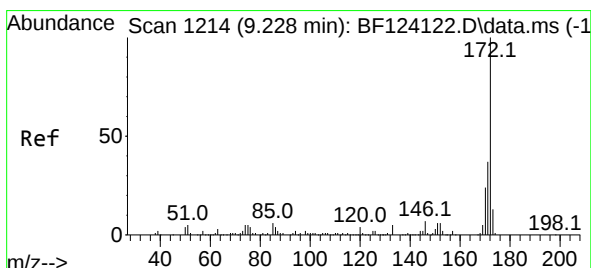
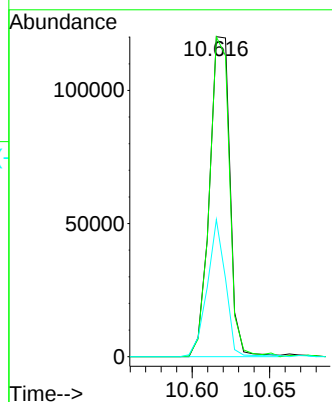
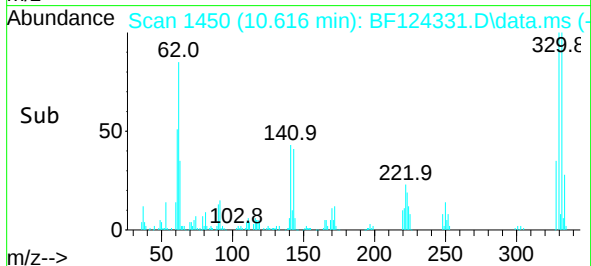


#42
2,4,6-Tribromophenol
Concen: 111.586 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

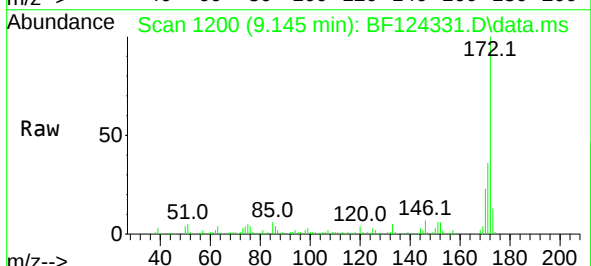
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BNA_F
ClientSampleId :
G-WALL-2



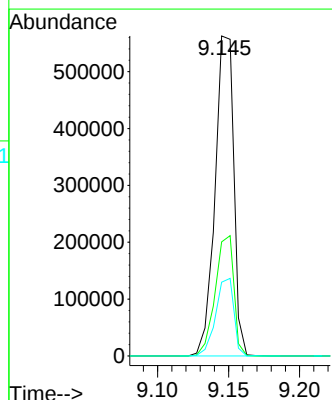
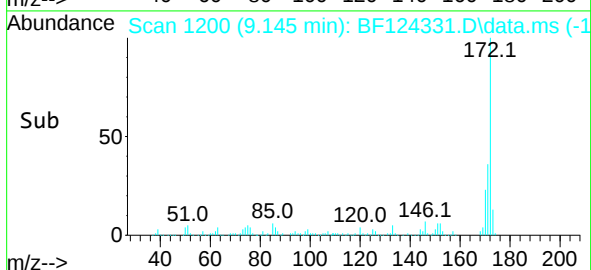
Tgt Ion: 330 Resp: 110363
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 38.4 27.9 41.9

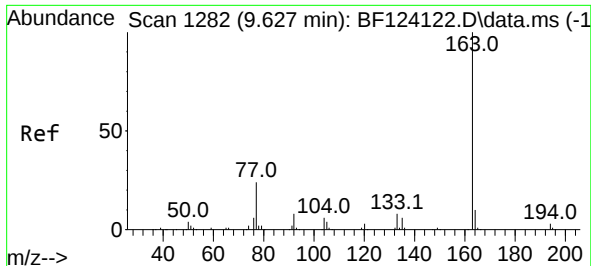


#45
2-Fluorobiphenyl
Concen: 92.983 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45



Tgt Ion: 172 Resp: 515839
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.1 19.2 28.8

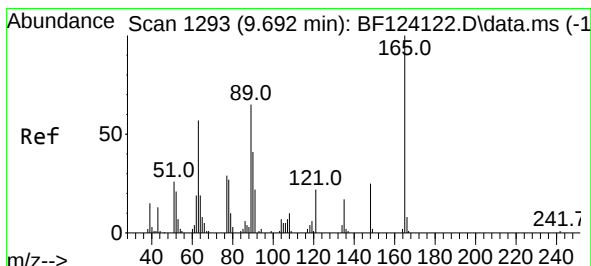
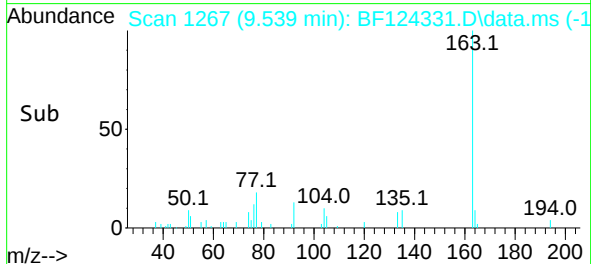
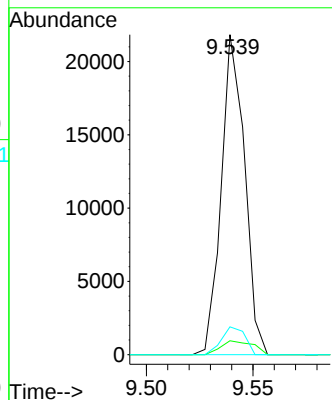
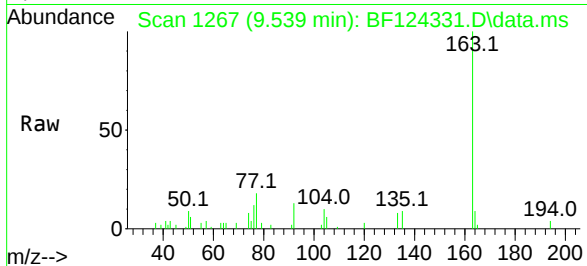




#50
Dimethylphthalate
Concen: 2.873 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

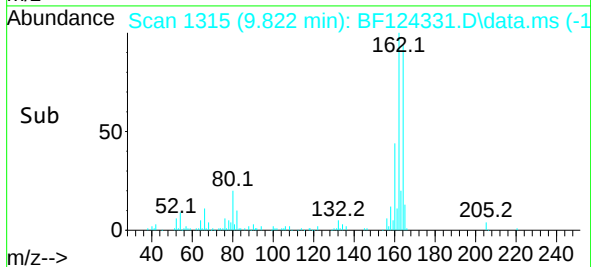
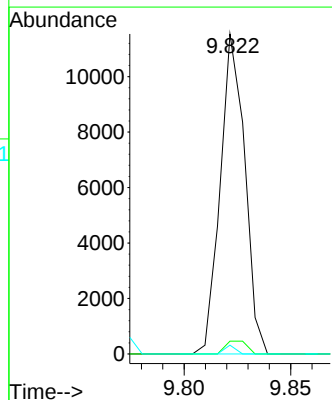
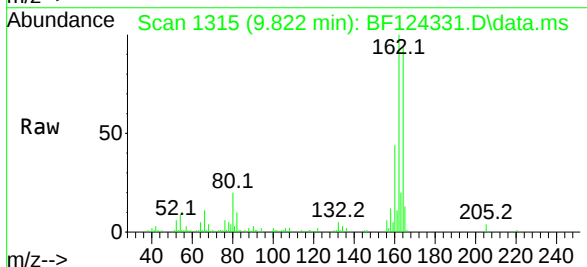
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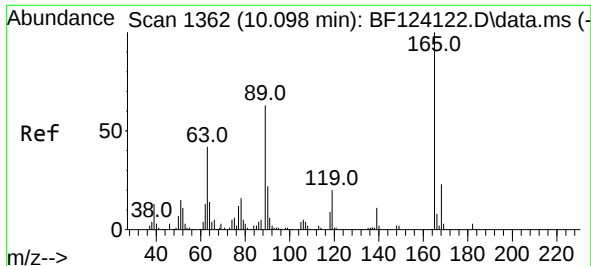
Tgt Ion:163 Resp: 16594
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 8.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 6.964 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion:165 Resp: 9223
Ion Ratio Lower Upper
165 100
63 4.0 67.7 101.5#
89 2.8 58.8 88.2#

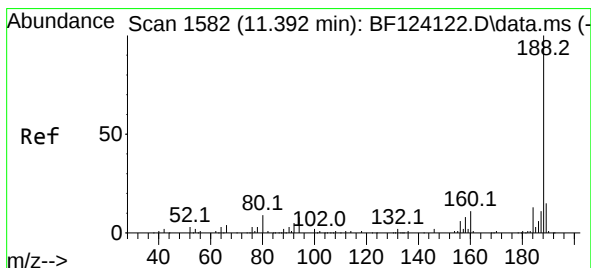
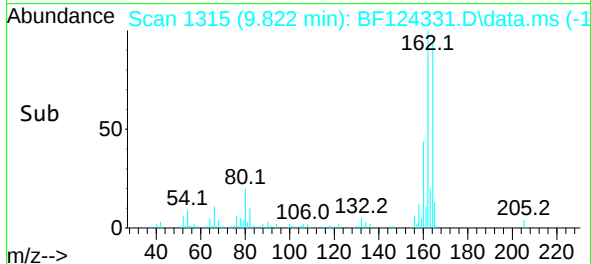
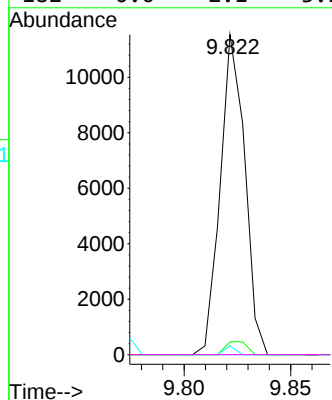
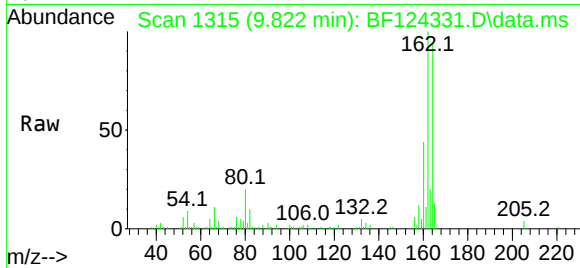




#57
2,4-Dinitrotoluene
Concen: 5.281 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

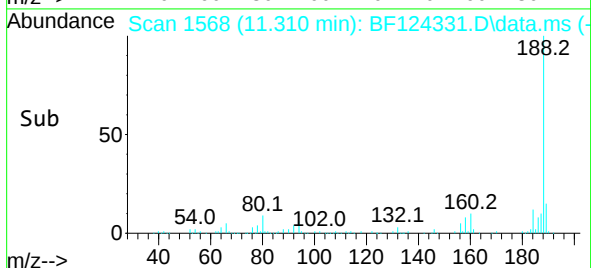
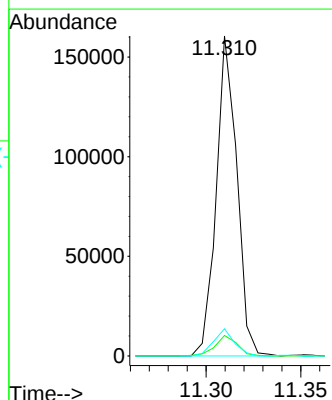
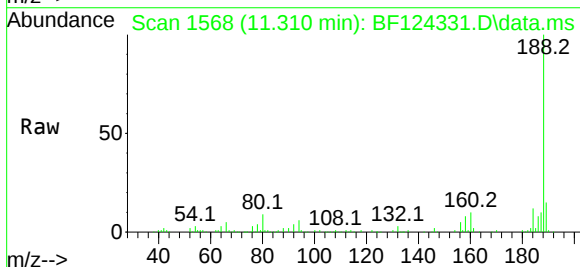
Instrument :
BNA_F
ClientSampled :
G-WALL-2

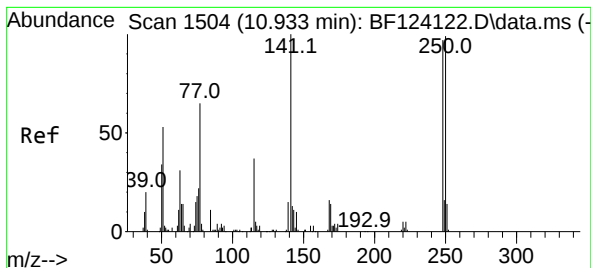
Tgt Ion:165 Resp: 9223
Ion Ratio Lower Upper
165 100
63 4.0 43.5 65.3#
89 2.8 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion:188 Resp: 121552
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.5 8.2 12.2

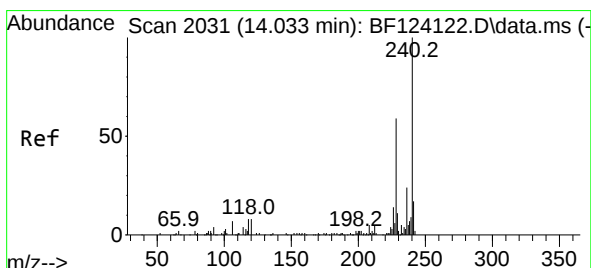
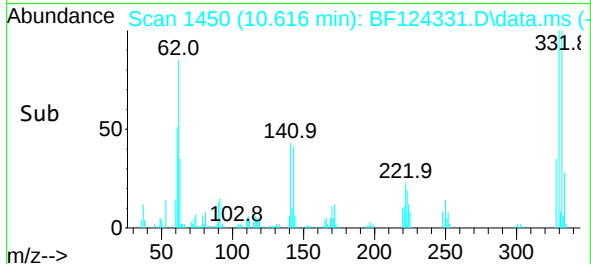
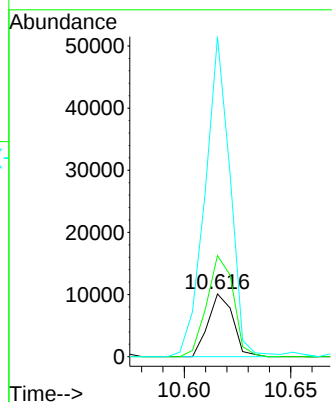
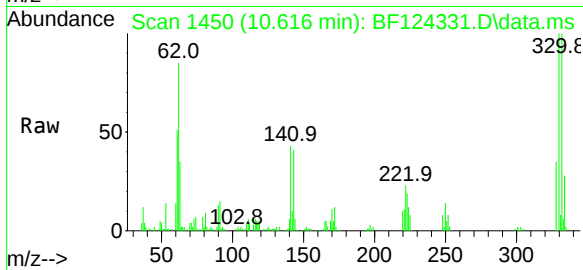




#67
4-Bromophenyl-phenylether
Concen: 4.893 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

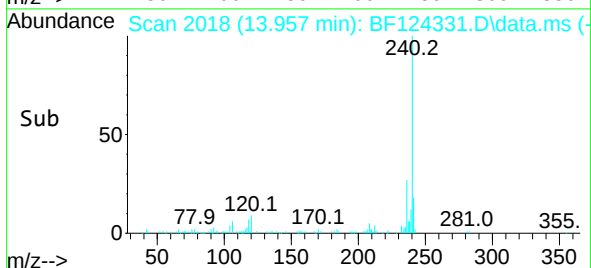
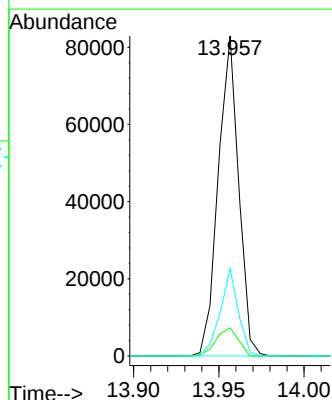
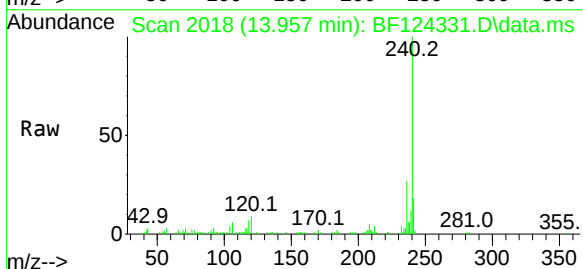
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

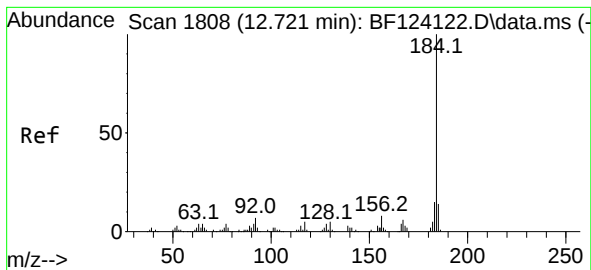
Tgt Ion:248 Resp: 8163
Ion Ratio Lower Upper
248 100
250 161.2 77.4 116.2#
141 510.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion:240 Resp: 69043
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 27.3 19.0 28.4





#77

Benzidine

Concen: 8.969 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124331.D

Acq: 15 Jun 2021 19:45

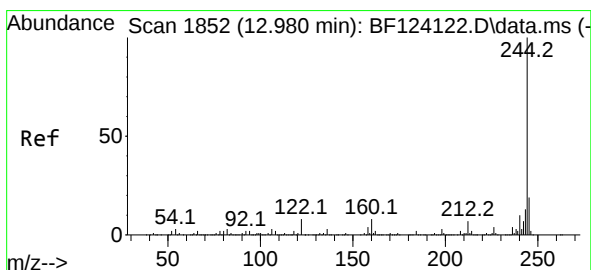
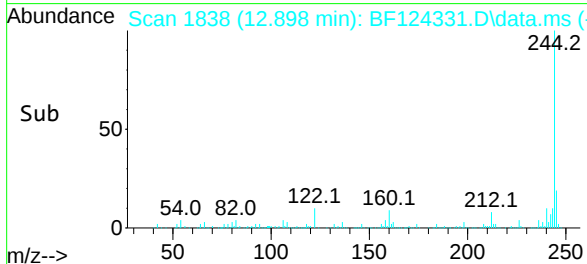
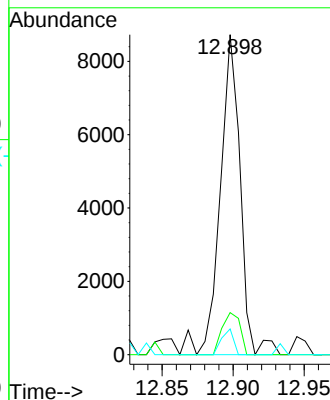
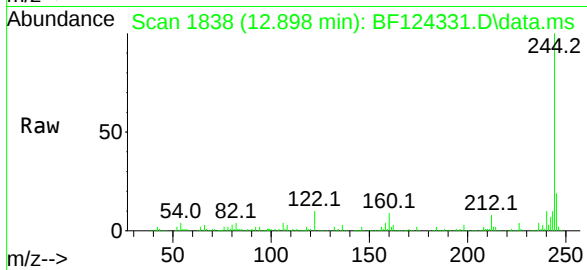
Tgt Ion:184 Resp: 8628

Ion Ratio Lower Upper

184 100

185 13.1 12.1 18.1

183 8.1 7.8 11.8



#79

Terphenyl-d14

Concen: 76.338 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124331.D

Acq: 15 Jun 2021 19:45

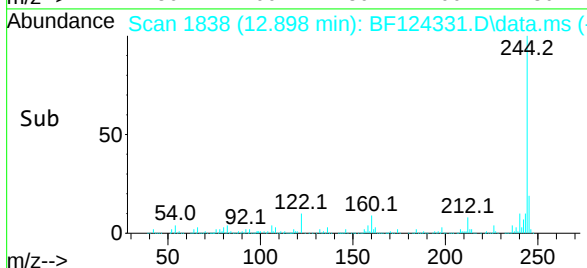
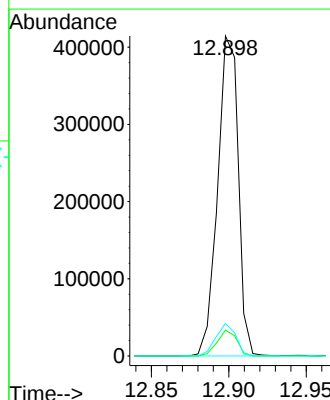
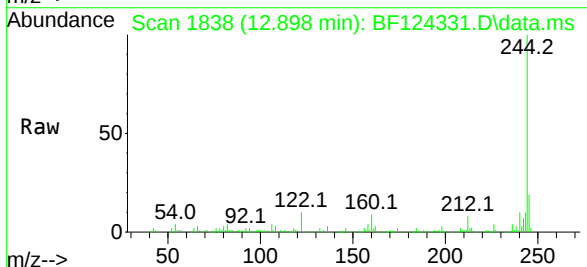
Tgt Ion:244 Resp: 383887

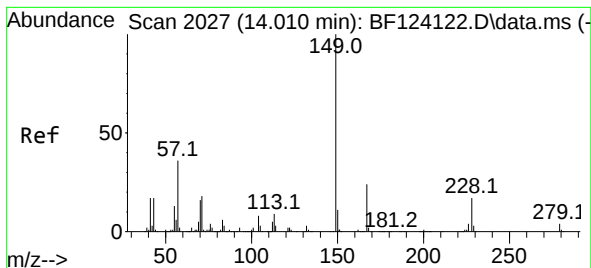
Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

122 10.2 9.7 14.5

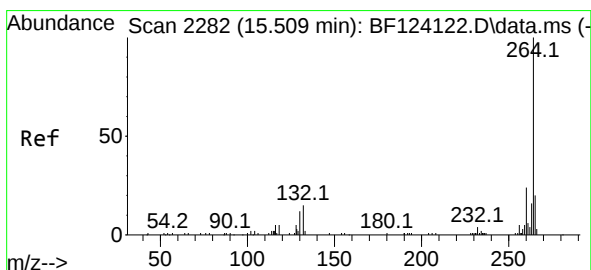
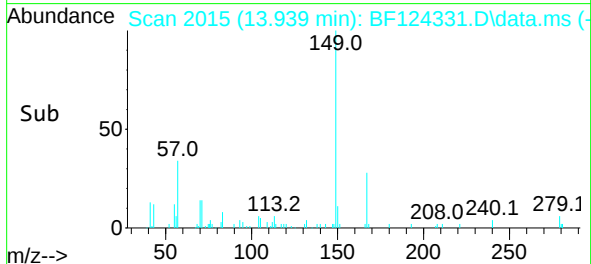
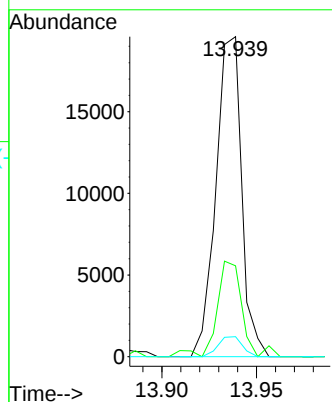
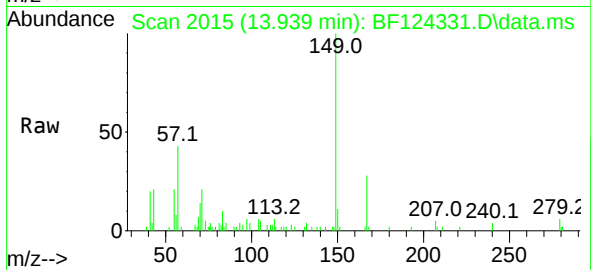




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.788 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Instrument :
BNA_F
ClientSampleID :
G-WALL-2

Tgt Ion:149 Resp: 18516
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.6
279 6.3 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124331.D
Acq: 15 Jun 2021 19:45

Tgt Ion:264 Resp: 70331
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 17.2 17.8 26.8#

