

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124393.D
 Acq On : 21 Jun 2021 14:55
 Operator : JU/CG
 Sample : M2773-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Jun 21 15:32:20 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)

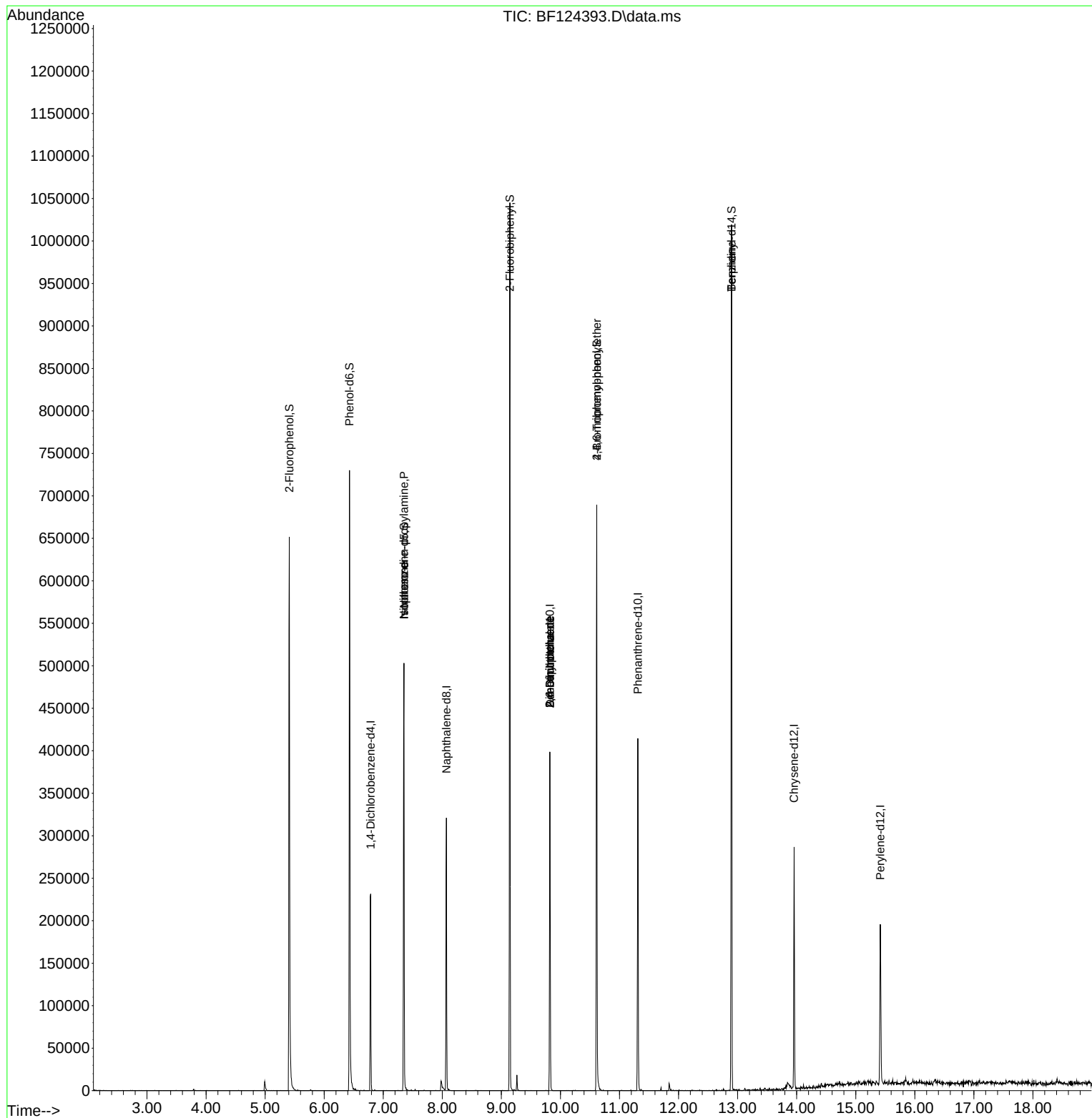
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	31990	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	118465	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	69705	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	132077	20.000	ng	0.00
76) Chrysene-d12	13.957	240	83397	20.000	ng	0.00
86) Perylene-d12	15.415	264	77303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	160548	75.549	ng	0.00
7) Phenol-d6	6.428	99	198777	69.589	ng	-0.02
23) Nitrobenzene-d5	7.351	82	146031	48.890	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	68940	69.809	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	265183	47.873	ng	0.00
79) Terphenyl-d14	12.898	244	288649	47.520	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	21375	10.600	ng	# 57
25) Isophorone	7.351	82	146029	27.131	ng	# 69
50) Dimethylphthalate	9.821	163	13152	2.281	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	10402	7.867	ng	# 12
57) 2,4-Dinitrotoluene	9.821	165	10402	5.965	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	4801	2.648	ng	# 1
77) Benzidine	12.898	184	5396	6.602	ng	# 86

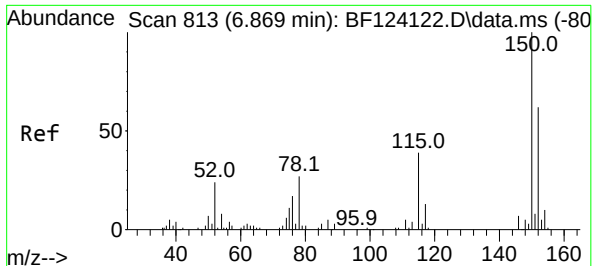
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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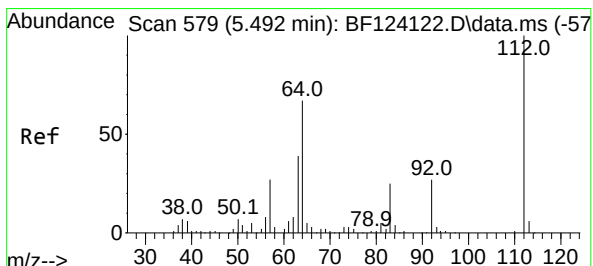
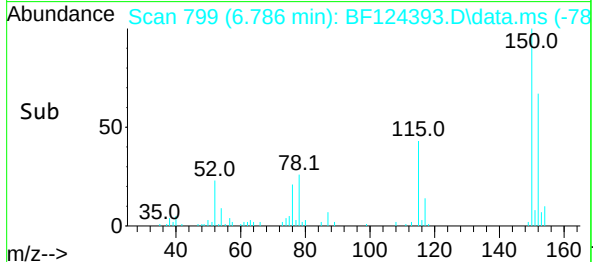
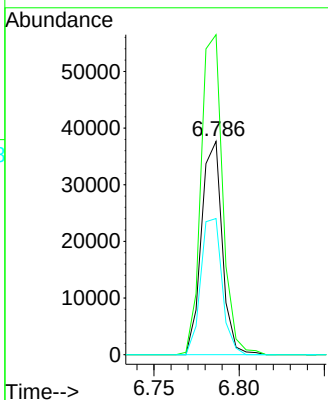
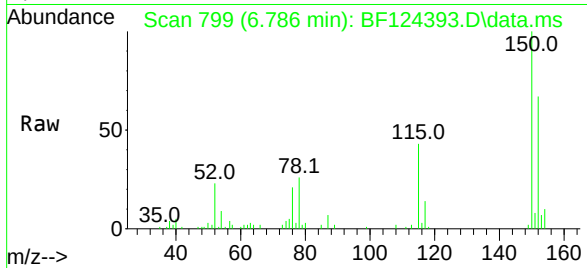




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

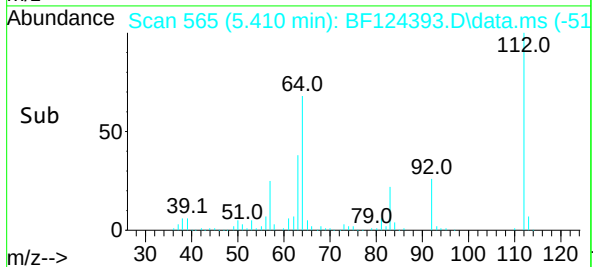
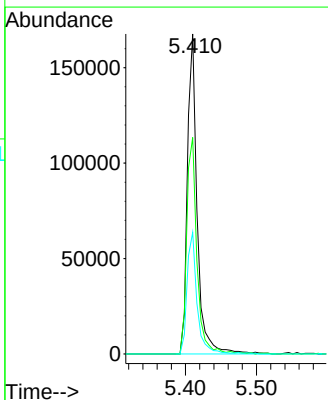
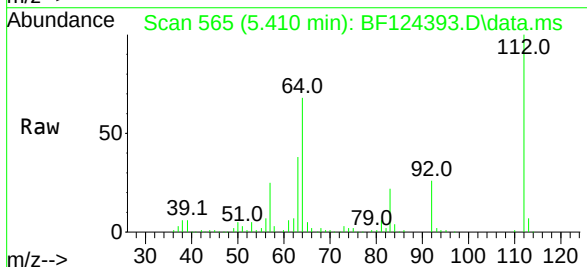
Instrument :
BNA_F
ClientSampled :
SB-1

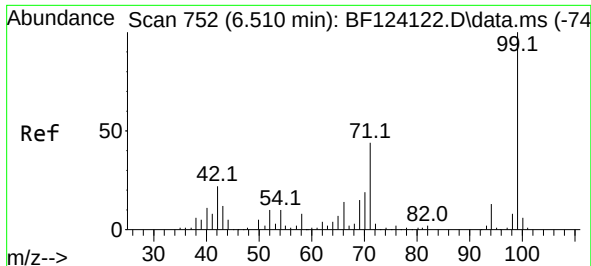
Tgt Ion:152 Resp: 31990
Ion Ratio Lower Upper
152 100
150 150.0 127.0 190.6
115 63.9 54.3 81.5



#5
2-Fluorophenol
Concen: 75.549 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

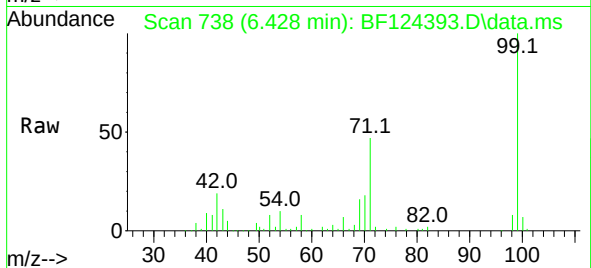
Tgt Ion:112 Resp: 160548
Ion Ratio Lower Upper
112 100
64 67.6 61.4 92.0
63 38.0 33.0 49.4



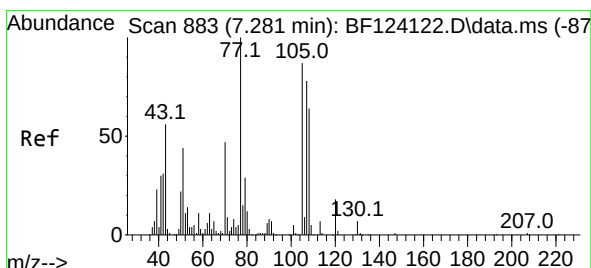
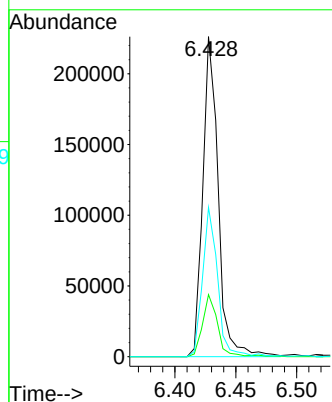
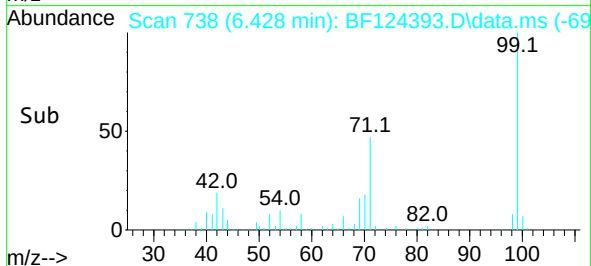


#7
Phenol-d6
Concen: 69.589 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

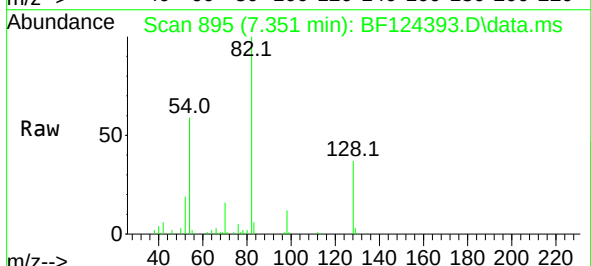
Instrument :
BNA_F
ClientSampled :
SB-1



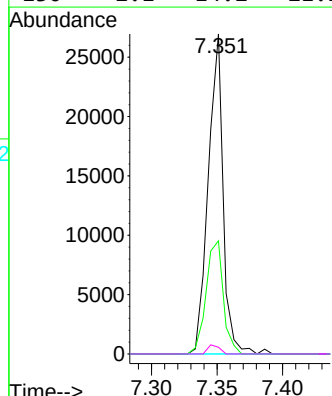
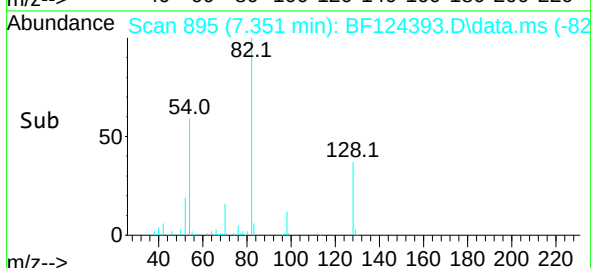
Tgt Ion: 99 Resp: 198777
Ion Ratio Lower Upper
99 100
42 19.4 19.8 29.8#
71 46.6 31.1 46.7

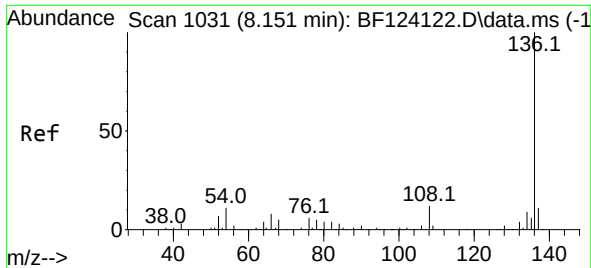


#19
n-Nitroso-di-n-propylamine
Concen: 10.600 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55



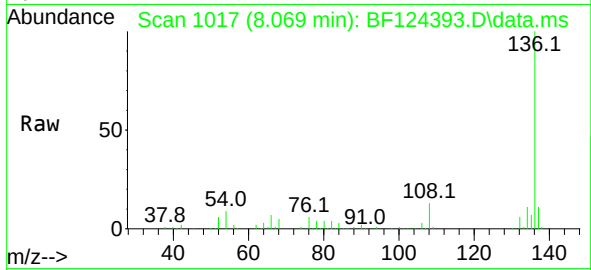
Tgt Ion: 70 Resp: 21375
Ion Ratio Lower Upper
70 100
42 35.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



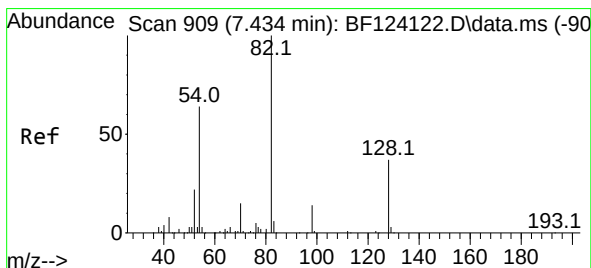
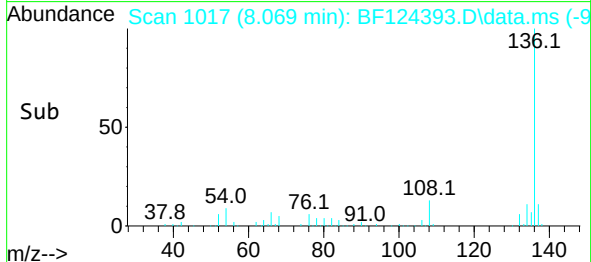
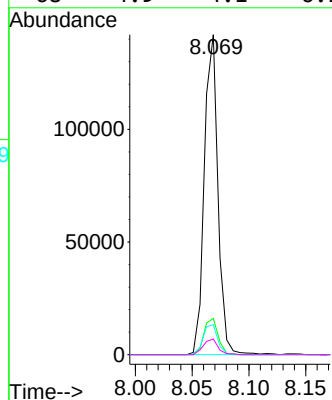


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Instrument :
BNA_F
ClientSampled :
SB-1

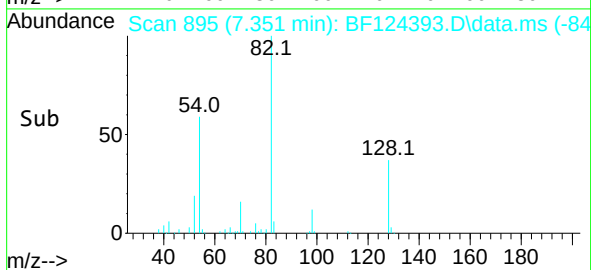
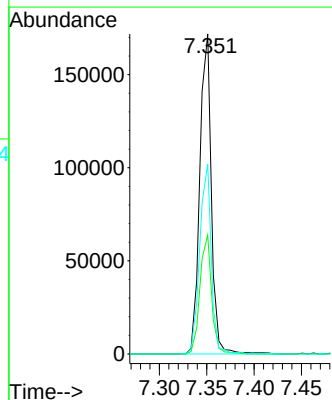
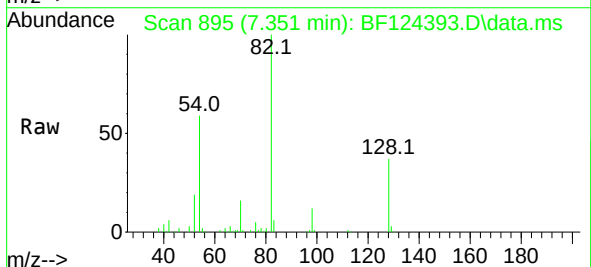


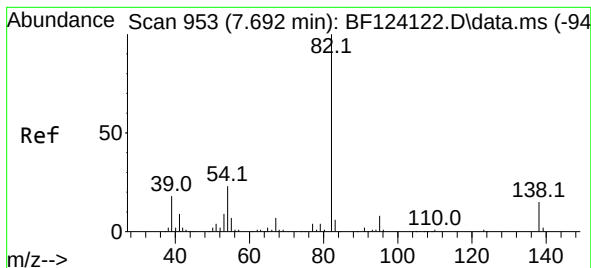
Tgt Ion:136 Resp: 118465
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.4 9.8 14.6#
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 48.890 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Tgt Ion: 82 Resp: 146031
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 59.4 54.1 81.1





#25

Isophorone

Concen: 27.131 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF124393.D

Acq: 21 Jun 2021 14:55

Tgt Ion: 82 Resp: 146029

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

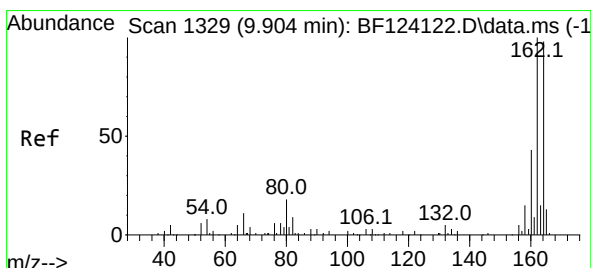
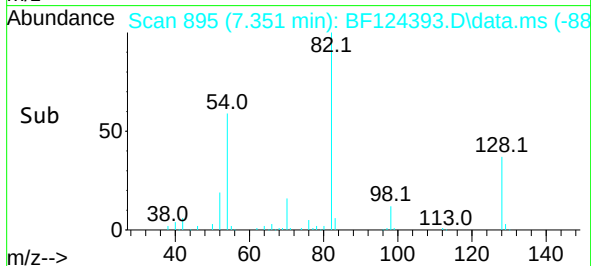
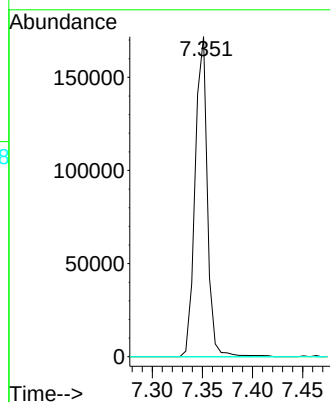
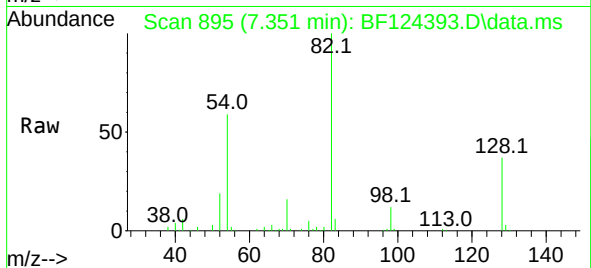
138 0.0 11.8 17.8#

Instrument :

BNA_F

ClientSampleId :

SB-1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.821 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124393.D

Acq: 21 Jun 2021 14:55

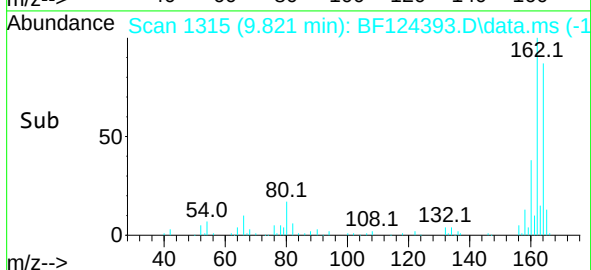
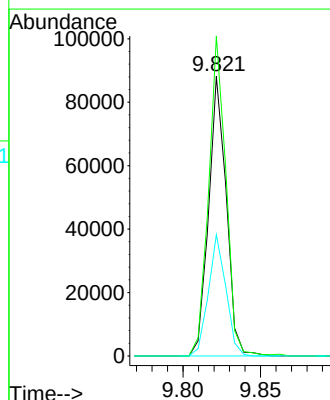
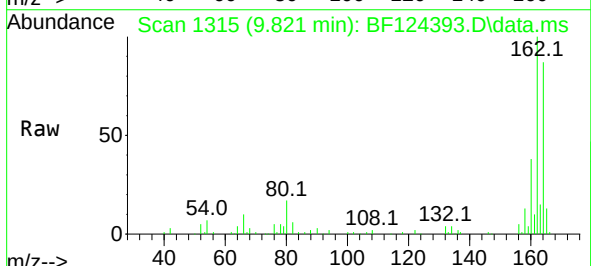
Tgt Ion:164 Resp: 69705

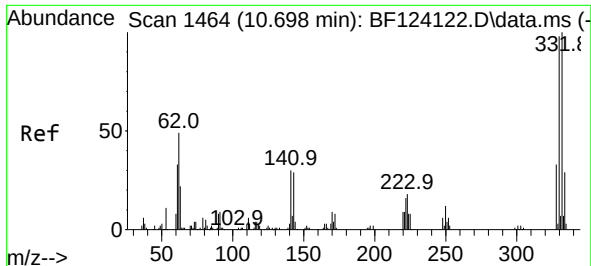
Ion Ratio Lower Upper

164 100

162 114.4 80.7 121.1

160 43.4 37.3 55.9

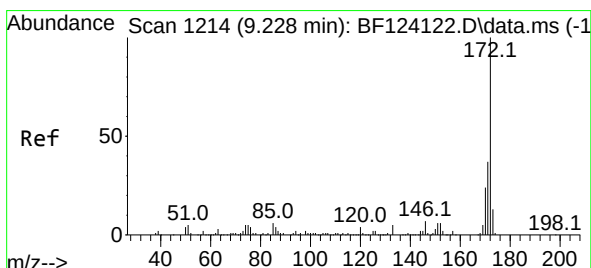
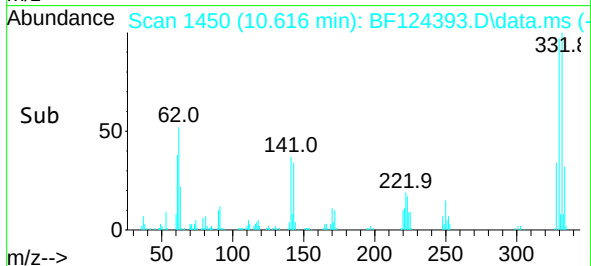
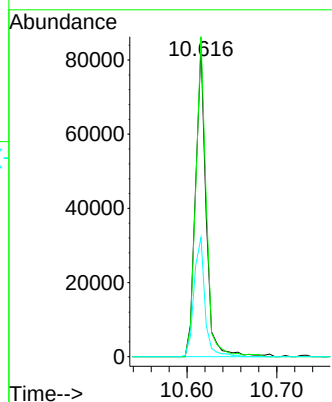
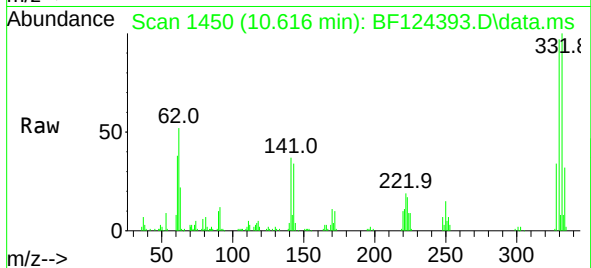




#42
2,4,6-Tribromophenol
Concen: 69.809 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

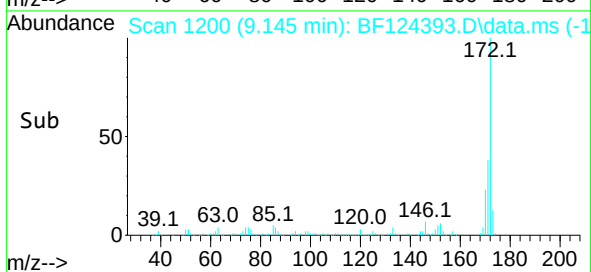
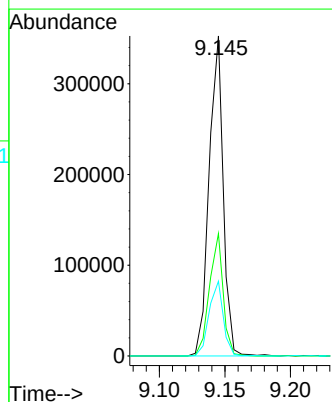
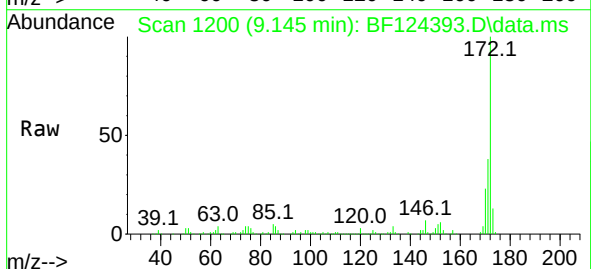
Instrument :
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ClientSampled :
SB-1

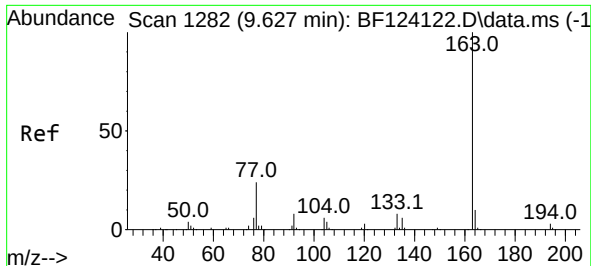
Tgt Ion: 330 Resp: 68940
Ion Ratio Lower Upper
330 100
332 101.4 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.873 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Tgt Ion: 172 Resp: 265183
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 23.4 19.2 28.8

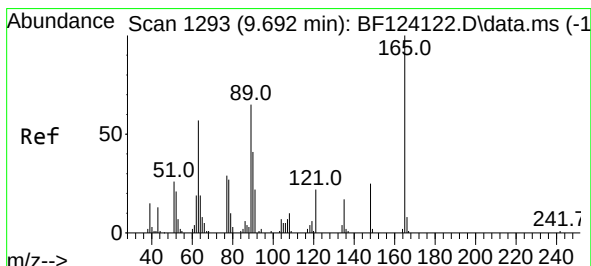
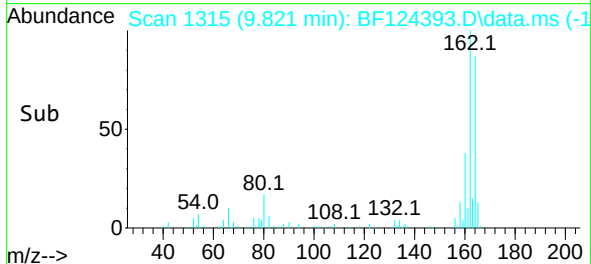
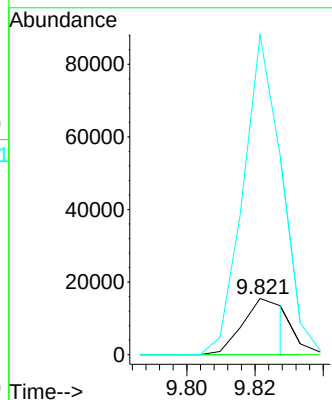
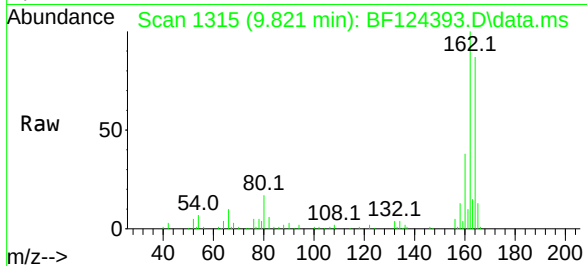




#50
Dimethylphthalate
Concen: 2.281 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

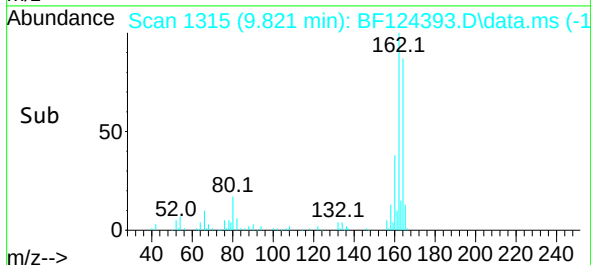
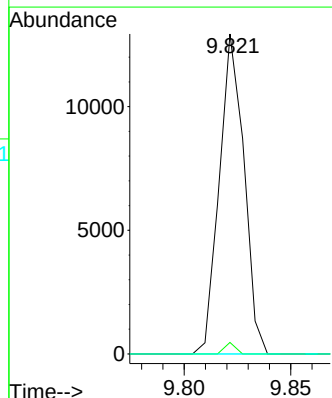
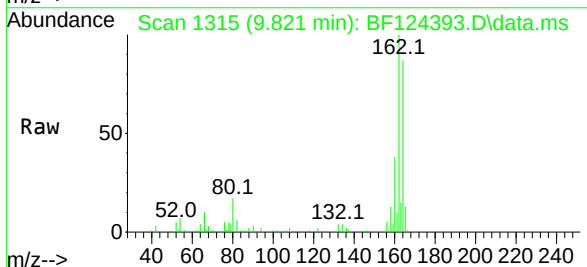
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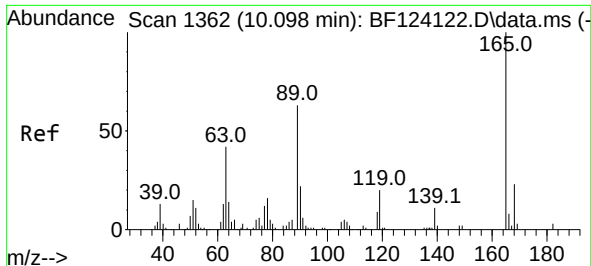
Tgt Ion:163 Resp: 13152
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 569.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.867 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Tgt Ion:165 Resp: 10402
Ion Ratio Lower Upper
165 100
63 3.6 67.7 101.5#
89 0.0 58.8 88.2#

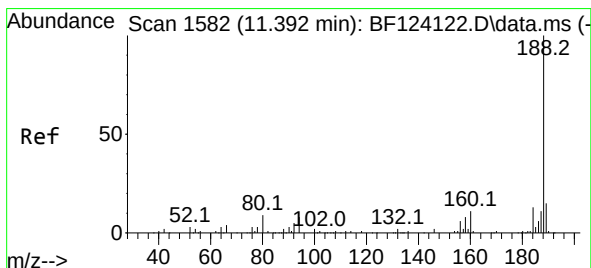
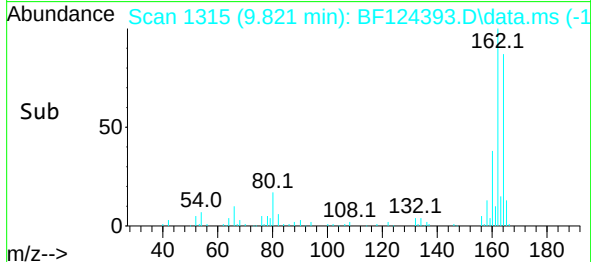
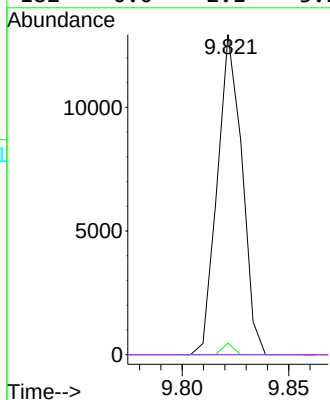
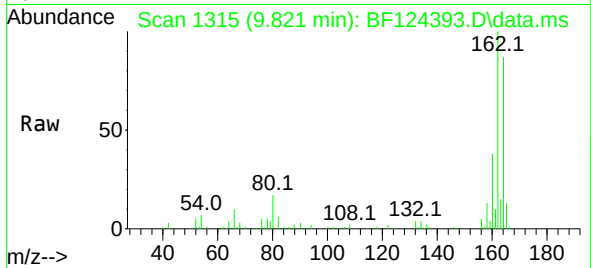




#57
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

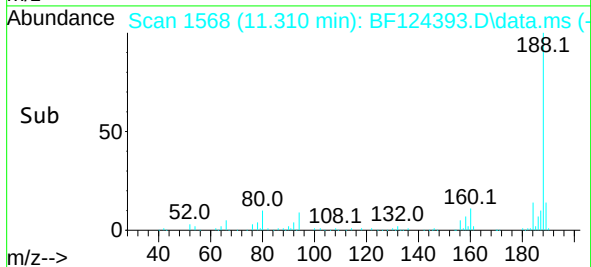
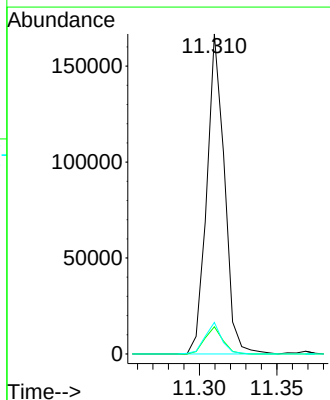
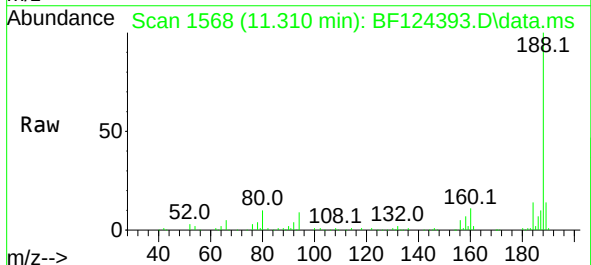
Instrument :
BNA_F
ClientSampled :
SB-1

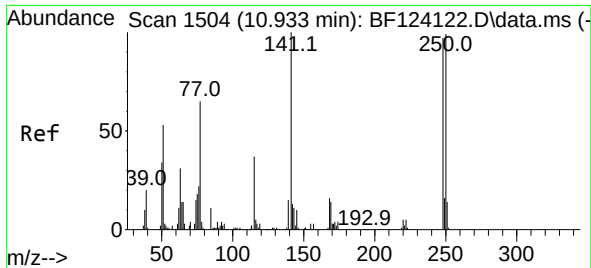
Tgt Ion:165	Resp:	10402
Ion Ratio	Lower	Upper
165	100	
63	3.6	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Tgt Ion:188	Resp:	132077
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.9 10.3
80	9.9	8.2 12.2

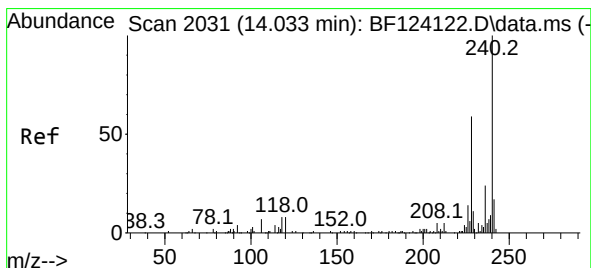
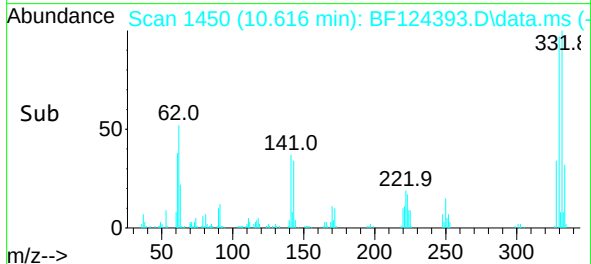
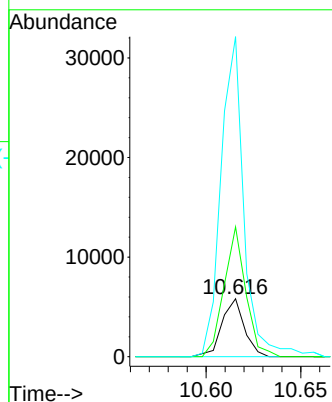
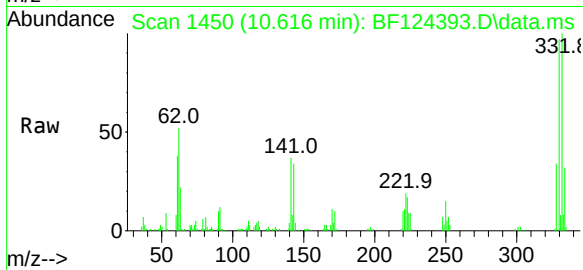




#67
4-Bromophenyl-phenylether
Concen: 2.648 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

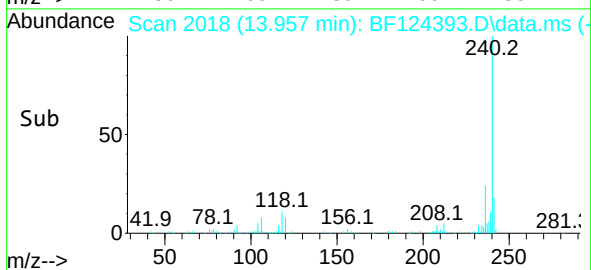
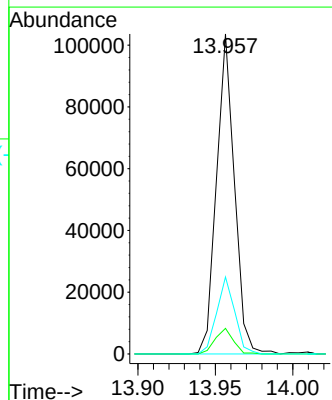
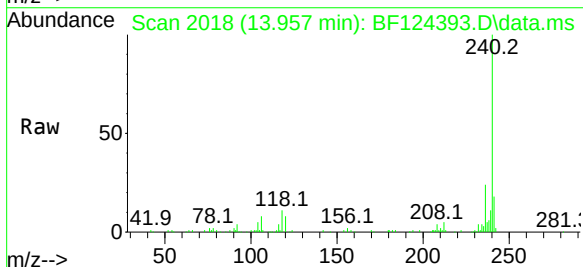
Instrument :
BNA_F
ClientSampled :
SB-1

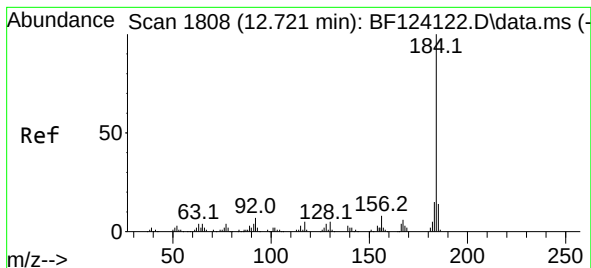
Tgt Ion:248 Resp: 4801
Ion Ratio Lower Upper
248 100
250 223.8 77.4 116.2#
141 552.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Tgt Ion:240 Resp: 83397
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 24.1 19.0 28.4





#77

Benzidine

Concen: 6.602 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124393.D

Acq: 21 Jun 2021 14:55

Tgt Ion:184 Resp: 5396

Ion Ratio Lower Upper

184 100

185 22.8 12.1 18.1#

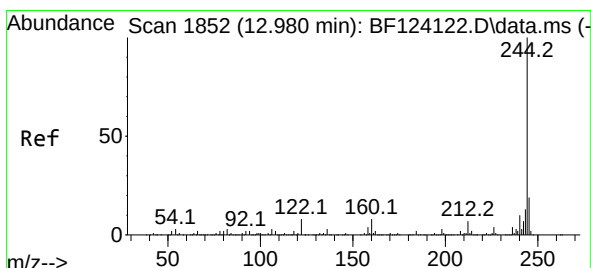
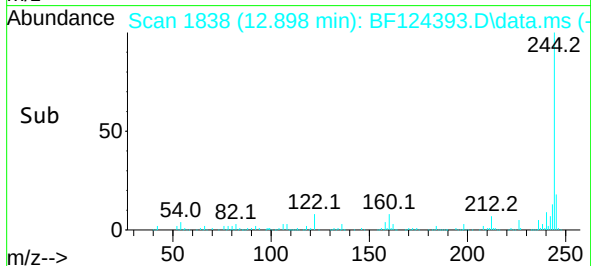
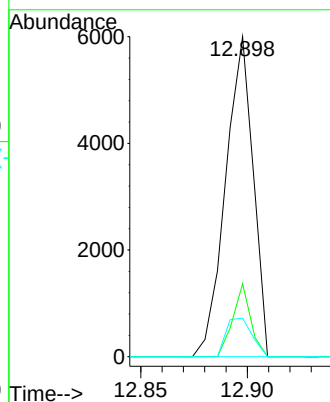
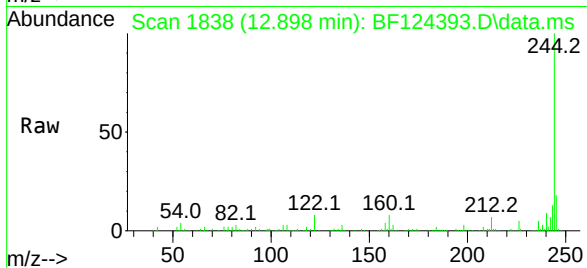
183 12.0 7.8 11.8#

Instrument :

BNA_F

ClientSampled :

SB-1



#79

Terphenyl-d14

Concen: 47.520 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124393.D

Acq: 21 Jun 2021 14:55

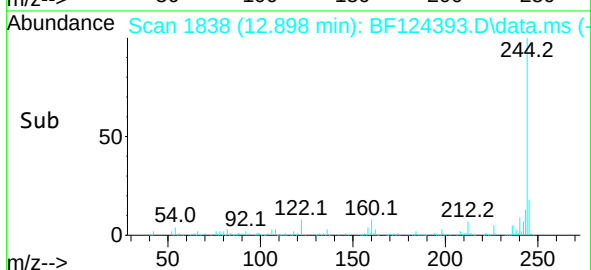
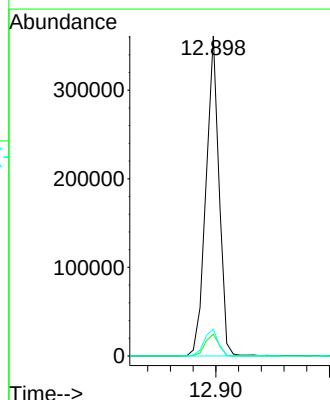
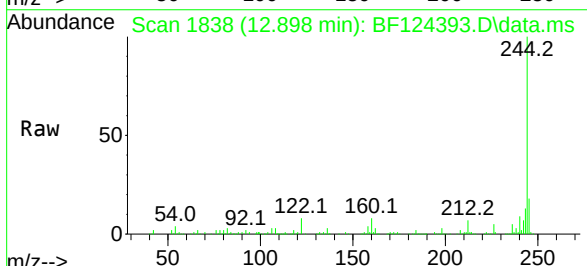
Tgt Ion:244 Resp: 288649

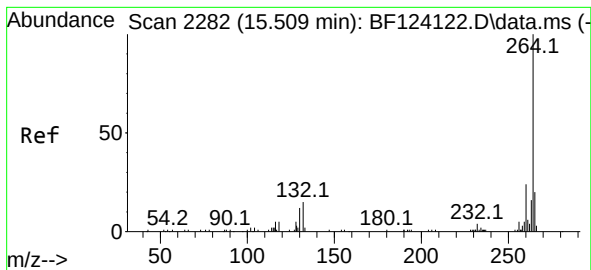
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 8.3 9.7 14.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF124393.D
Acq: 21 Jun 2021 14:55

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:264 Resp: 77303
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 19.8 17.8 26.8

