

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124394.D
 Acq On : 21 Jun 2021 15:29
 Operator : JU/CG
 Sample : M2773-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Jun 21 15:51:15 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)

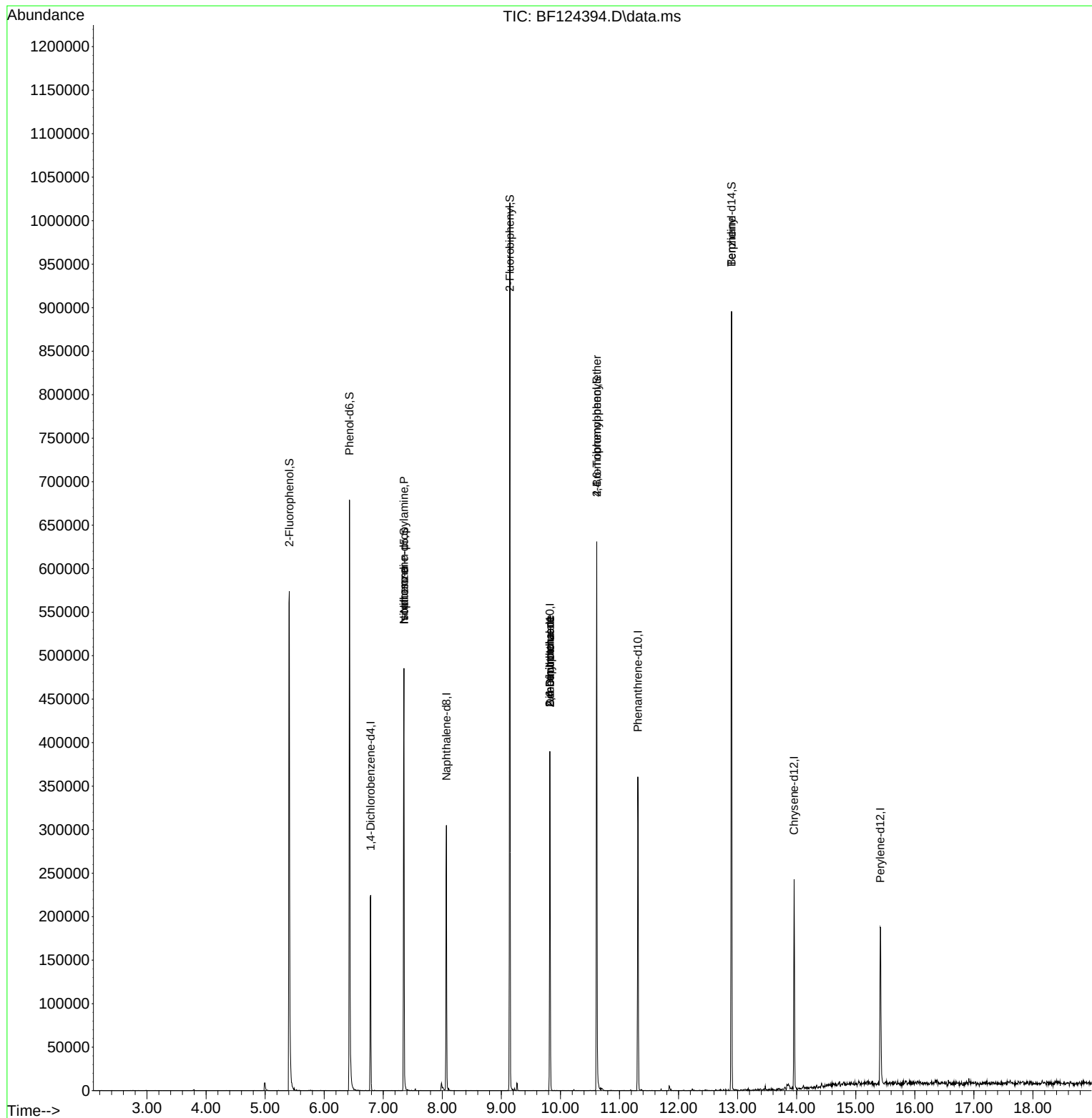
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	32656	20.000	ng	# 0.00
21) Naphthalene-d8	8.069	136	119915	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	68073	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	126262	20.000	ng	0.00
76) Chrysene-d12	13.957	240	77340	20.000	ng	0.00
86) Perylene-d12	15.415	264	79328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	149684	69.000	ng	0.00
7) Phenol-d6	6.428	99	185094	63.477	ng	-0.02
23) Nitrobenzene-d5	7.351	82	136188	45.044	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	63257	65.590	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	255949	47.314	ng	0.00
79) Terphenyl-d14	12.898	244	257371	45.689	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	19879	9.657	ng	# 66
25) Isophorone	7.351	82	136186	24.996	ng	# 69
50) Dimethylphthalate	9.822	163	12718	2.258	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	8633	6.685	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	8633	5.069	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	4813	2.777	ng	# 1
77) Benzidine	12.898	184	4117	6.151	ng	# 63

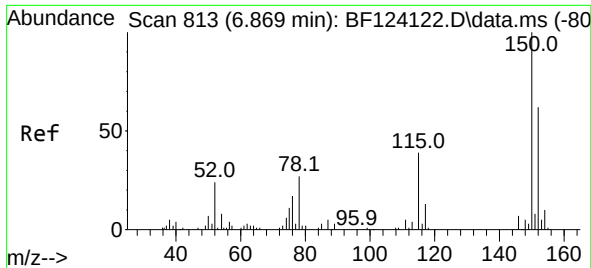
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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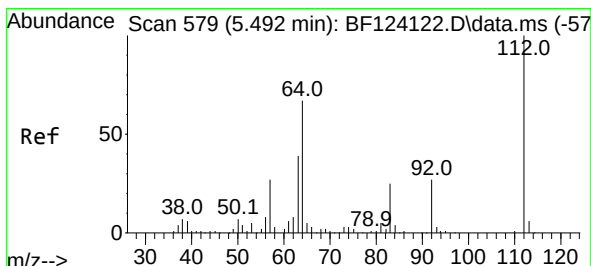
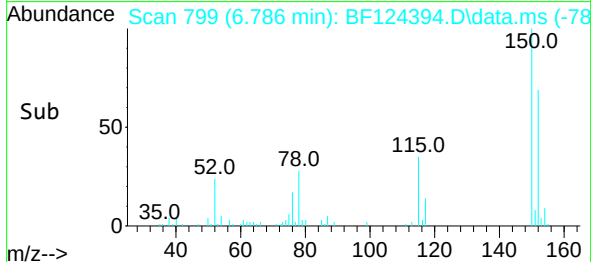
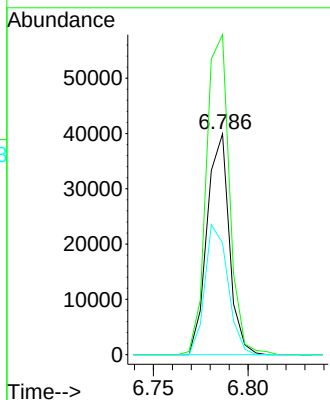
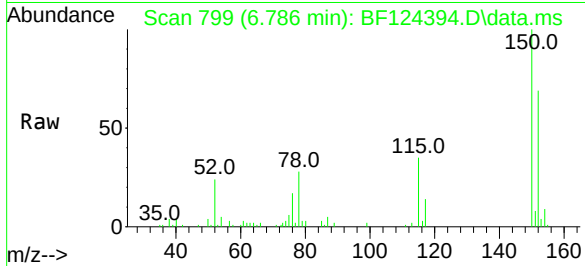




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

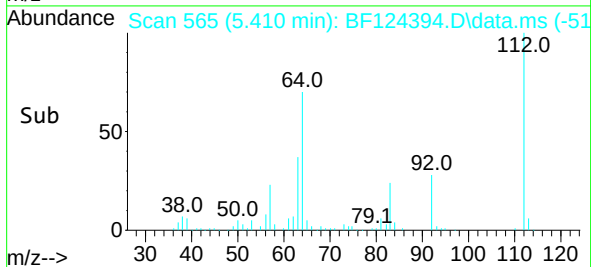
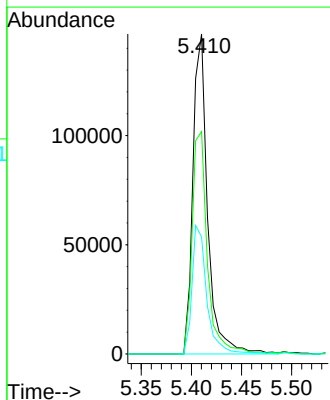
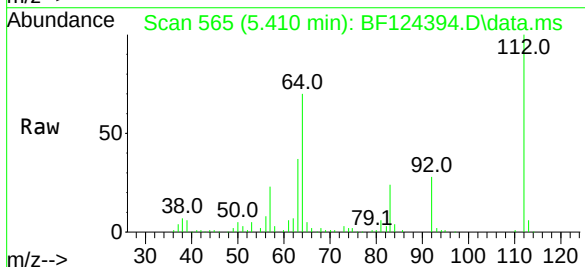
Instrument :
BNA_F
ClientSampled :
SB-3

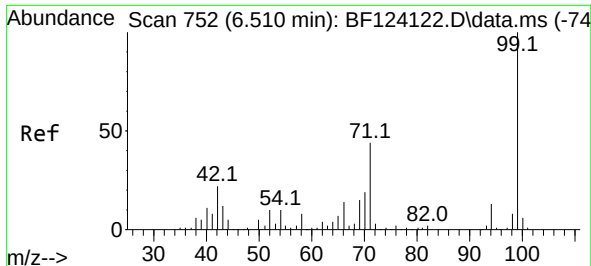
Tgt Ion:152 Resp: 32656
Ion Ratio Lower Upper
152 100
150 144.9 127.0 190.6
115 50.5 54.3 81.5#



#5
2-Fluorophenol
Concen: 69.000 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Tgt Ion:112 Resp: 149684
Ion Ratio Lower Upper
112 100
64 69.5 61.4 92.0
63 36.6 33.0 49.4

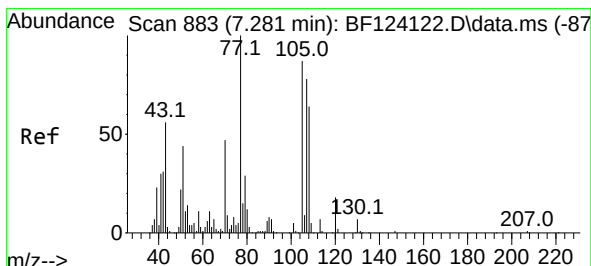
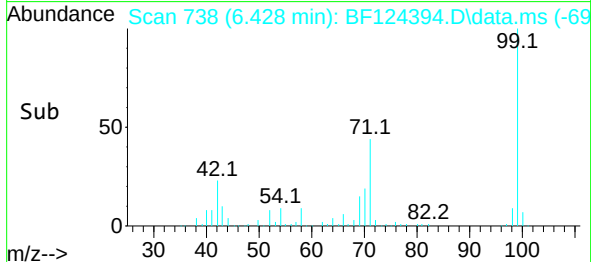
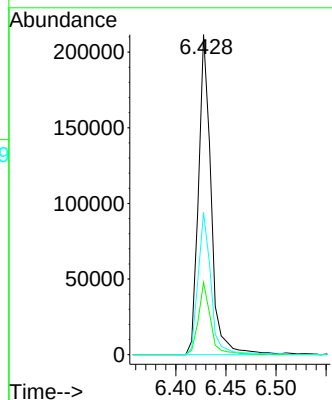
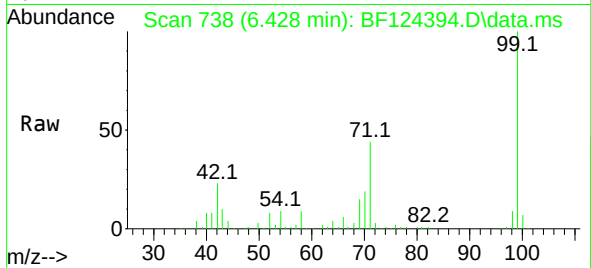




#7
Phenol-d6
Concen: 63.477 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

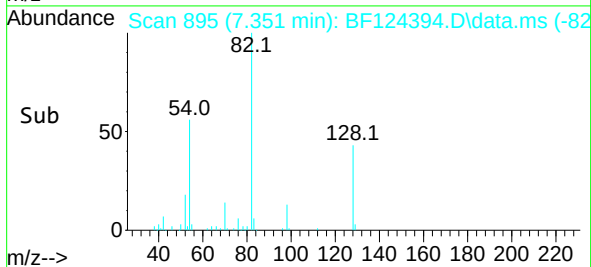
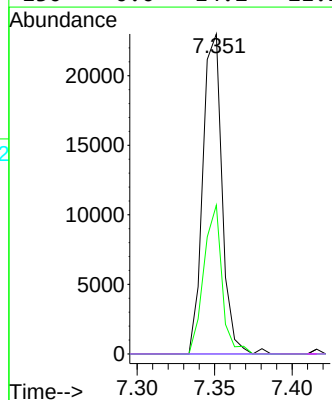
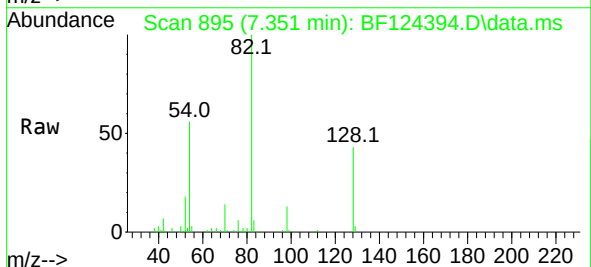
Instrument :
BNA_F
ClientSampled :
SB-3

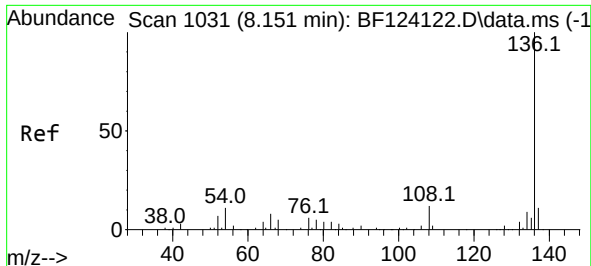
Tgt Ion: 99 Resp: 185094
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 44.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.657 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

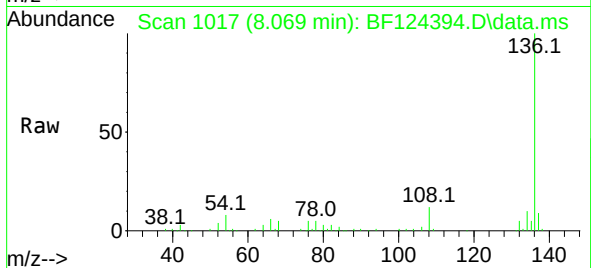
Tgt Ion: 70 Resp: 19879
Ion Ratio Lower Upper
70 100
42 46.5 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



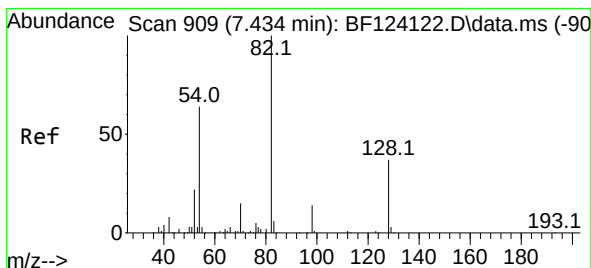
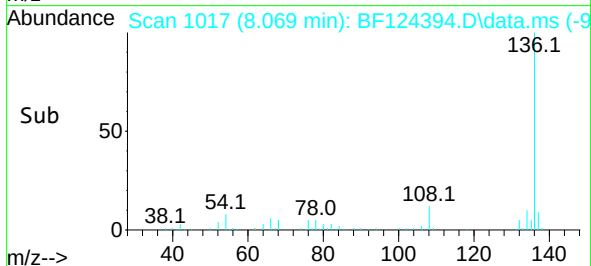
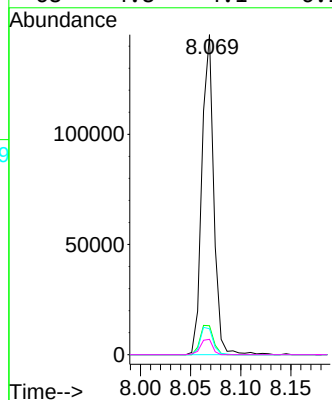


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Instrument :
BNA_F
ClientSampled :
SB-3

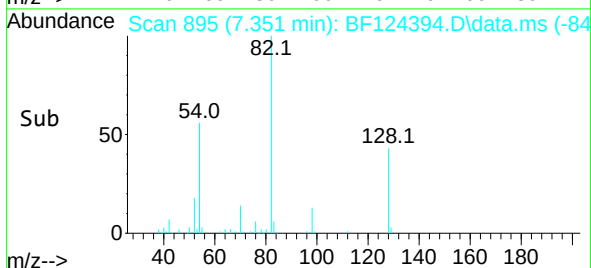
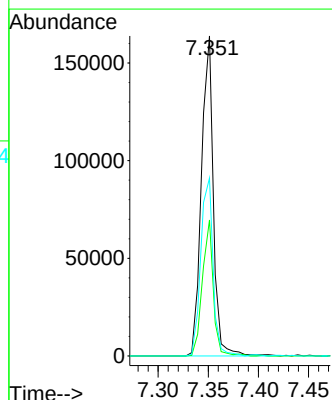
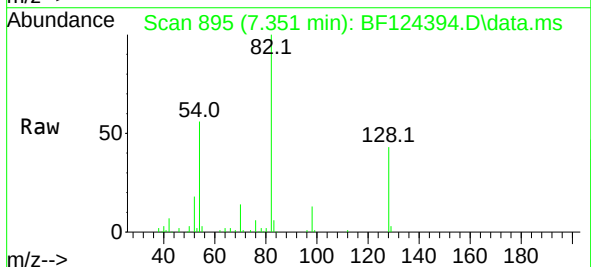


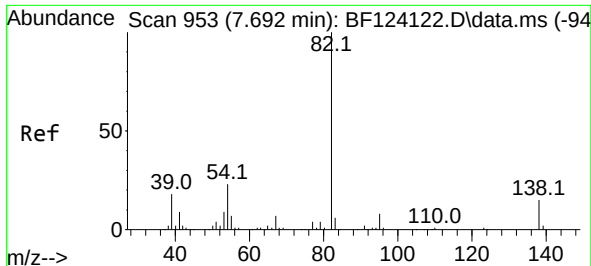
Tgt Ion:	136	Resp:	119915
Ion Ratio	Lower	Upper	
136	100		
137	9.1	8.7	13.1
54	8.1	9.8	14.6#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 45.044 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Tgt Ion:	82	Resp:	136188
Ion Ratio	Lower	Upper	
82	100		
128	42.5	29.4	44.2
54	55.6	54.1	81.1

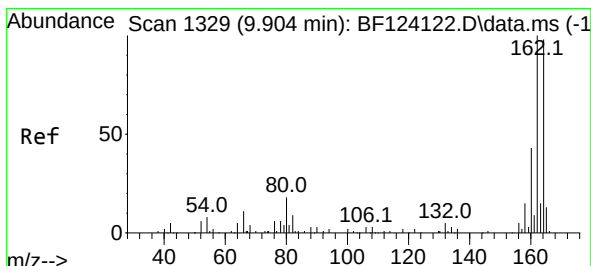
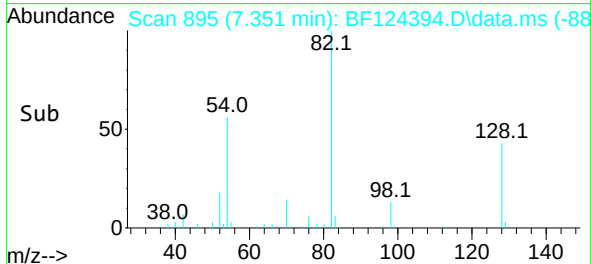
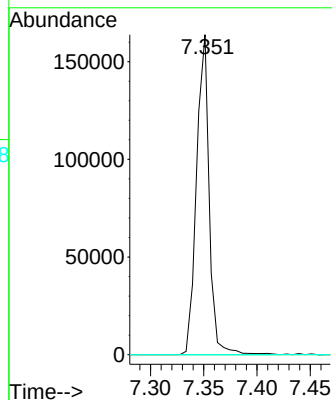
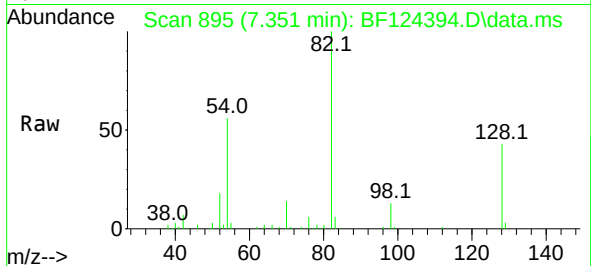




#25
Isophorone
Concen: 24.996 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

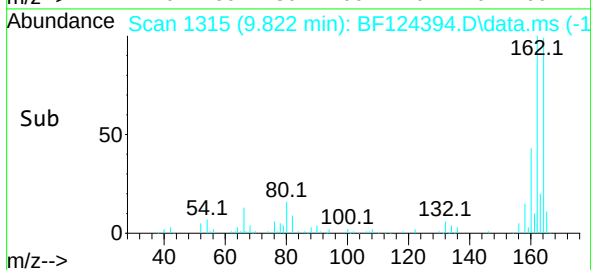
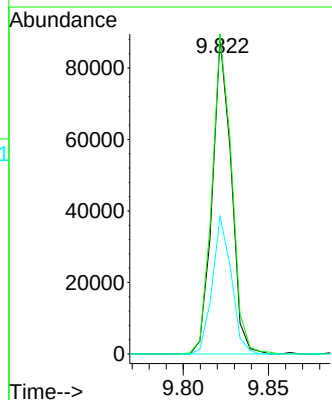
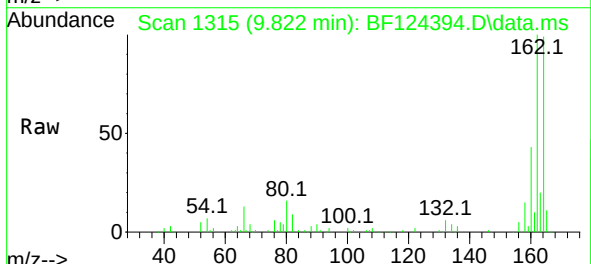
Instrument :
BNA_F
ClientSampled :
SB-3

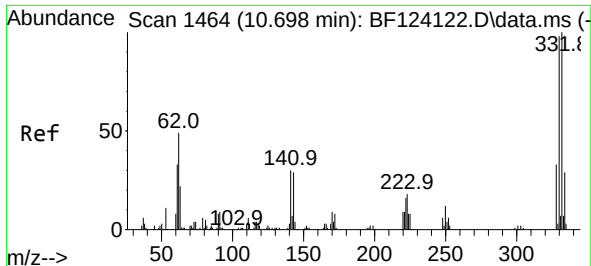
Tgt Ion: 82 Resp: 136186
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

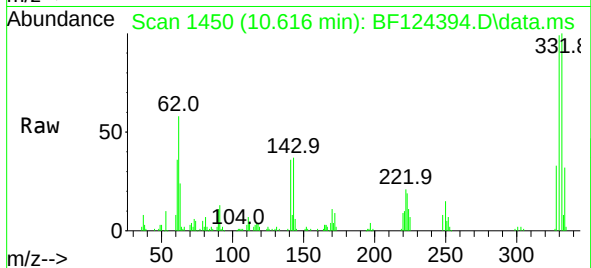
Tgt Ion:164 Resp: 68073
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 43.4 37.3 55.9



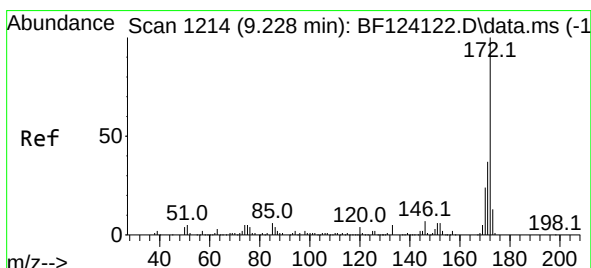
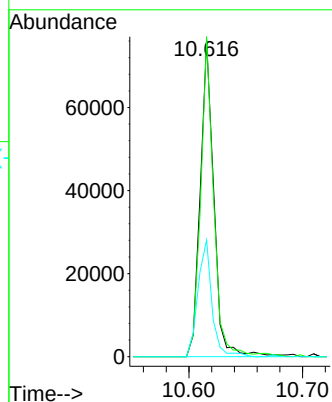
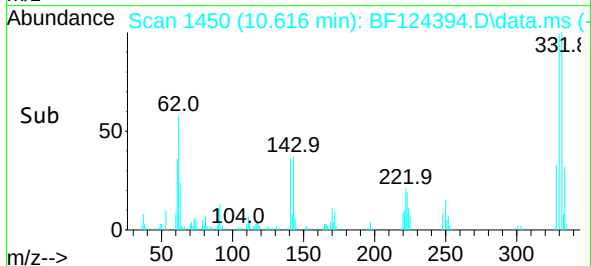


#42
2,4,6-Tribromophenol
Concen: 65.590 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

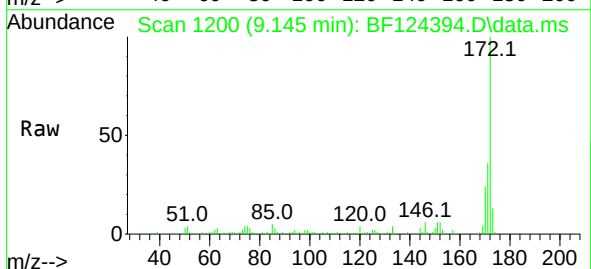
Instrument :
BNA_F
ClientSampled :
SB-3



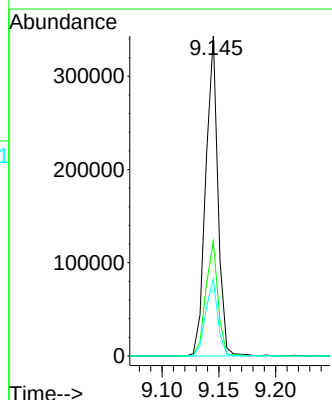
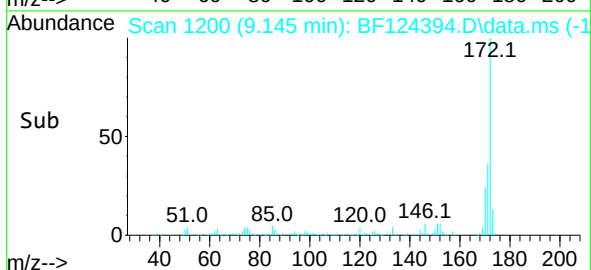
Tgt Ion: 330 Resp: 63257
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 38.1 27.9 41.9

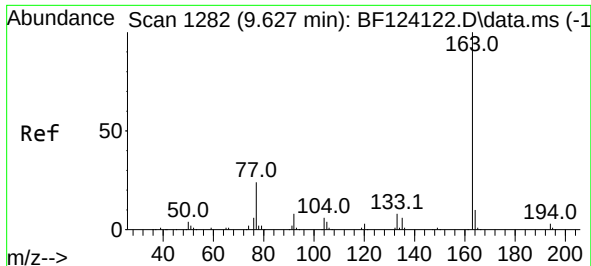


#45
2-Fluorobiphenyl
Concen: 47.314 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29



Tgt Ion: 172 Resp: 255949
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.9 19.2 28.8

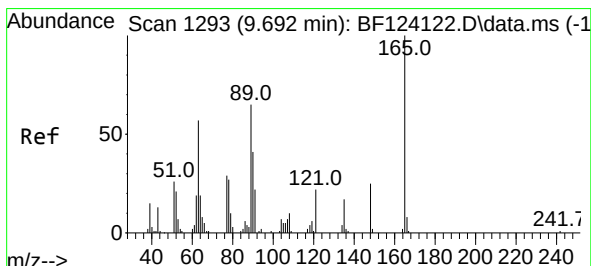
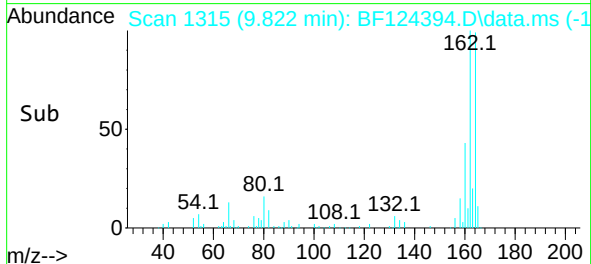
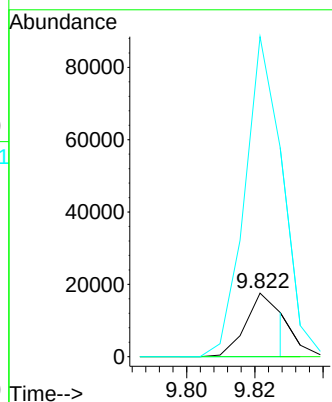
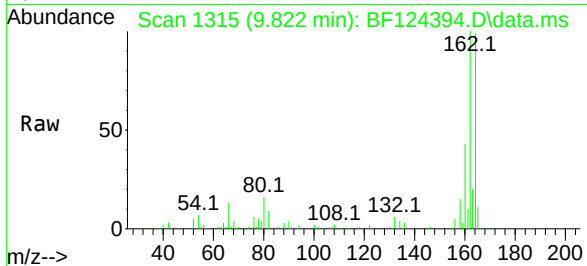




#50
Dimethylphthalate
Concen: 2.258 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

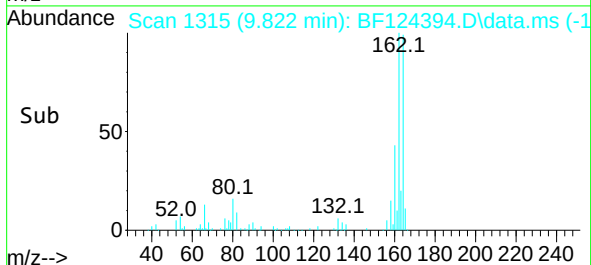
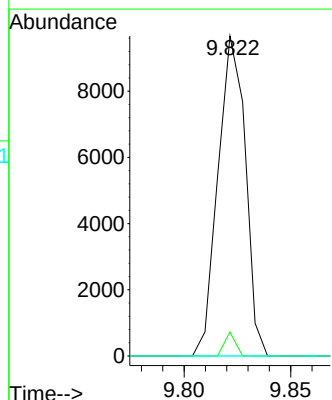
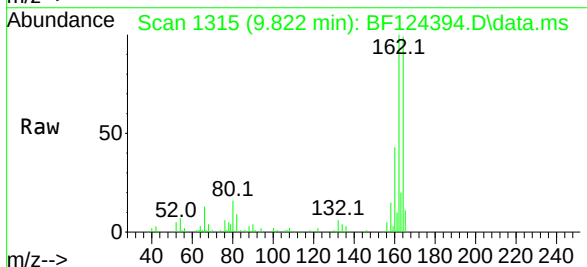
Instrument :
BNA_F
ClientSampled :
SB-3

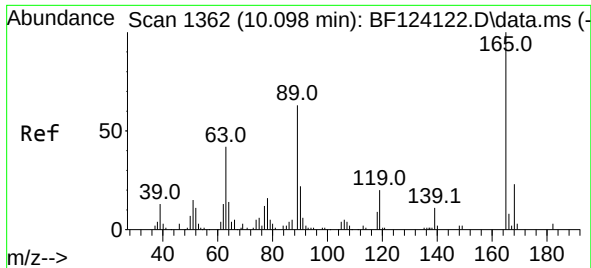
Tgt Ion:163 Resp: 12718
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 503.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.685 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

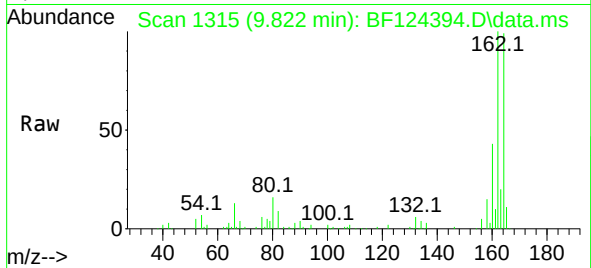
Tgt Ion:165 Resp: 8633
Ion Ratio Lower Upper
165 100
63 7.4 67.7 101.5#
89 0.0 58.8 88.2#



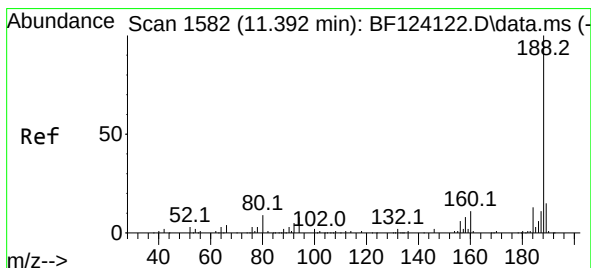
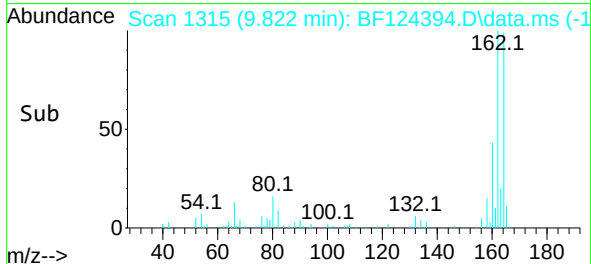
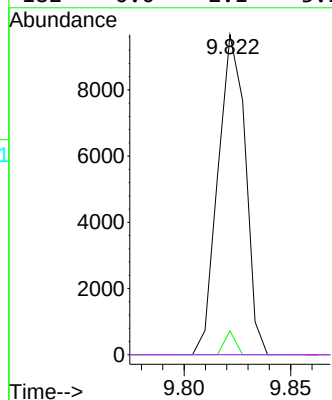


#57
2,4-Dinitrotoluene
Concen: 5.069 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Instrument :
BNA_F
ClientSampled :
SB-3

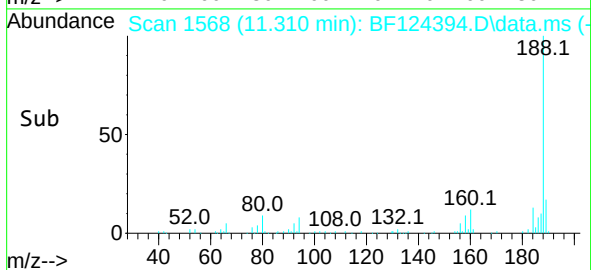
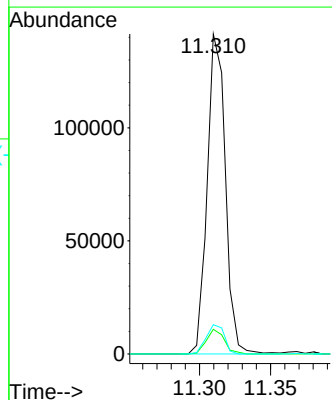
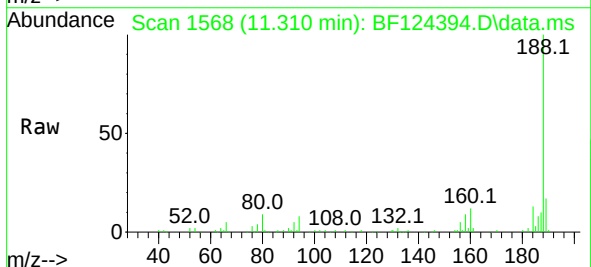


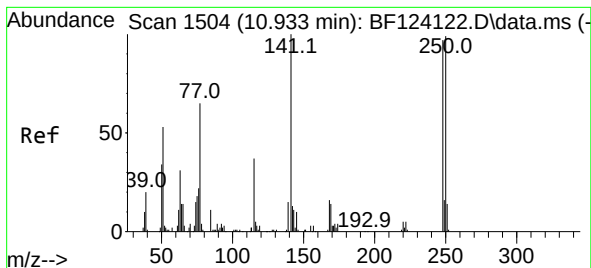
Tgt Ion:165 Resp: 8633
Ion Ratio Lower Upper
165 100
63 7.4 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Tgt Ion:188 Resp: 126262
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.2 8.2 12.2

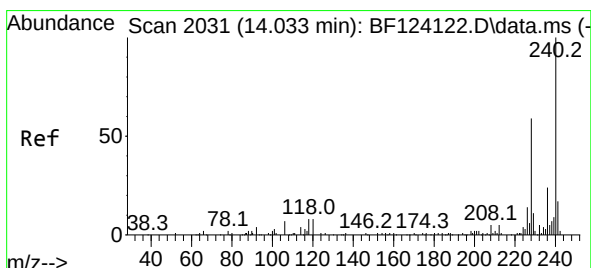
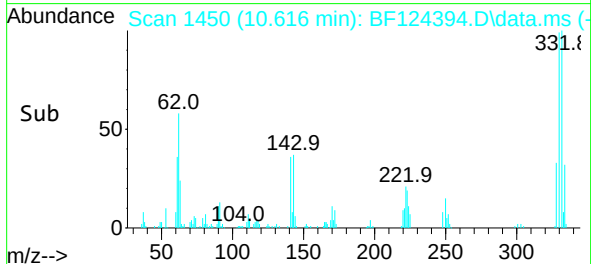
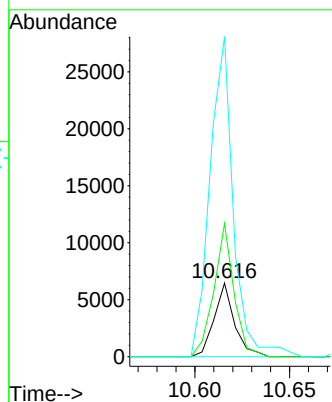
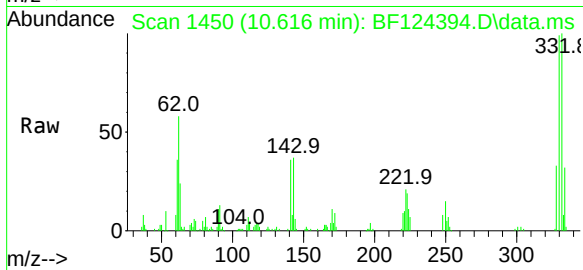




#67
4-Bromophenyl-phenylether
Concen: 2.777 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

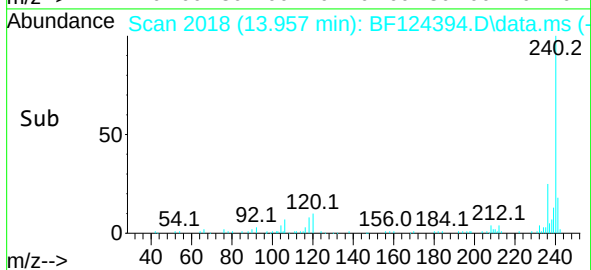
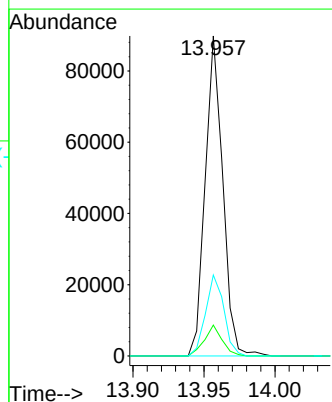
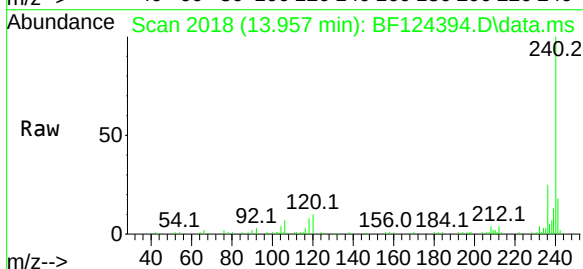
Instrument :
BNA_F
ClientSampled :
SB-3

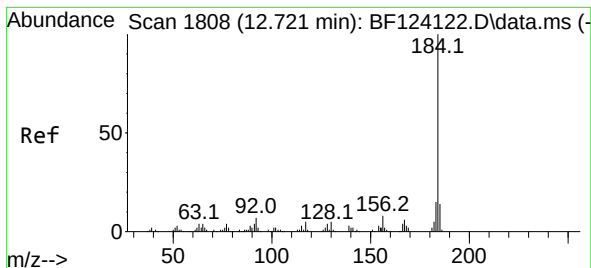
Tgt Ion:248 Resp: 4813
Ion Ratio Lower Upper
248 100
250 180.9 77.4 116.2#
141 435.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124394.D
Acq: 21 Jun 2021 15:29

Tgt Ion:240 Resp: 77340
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.3 19.0 28.4





#77

Benzidine

Concen: 6.151 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124394.D

Acq: 21 Jun 2021 15:29

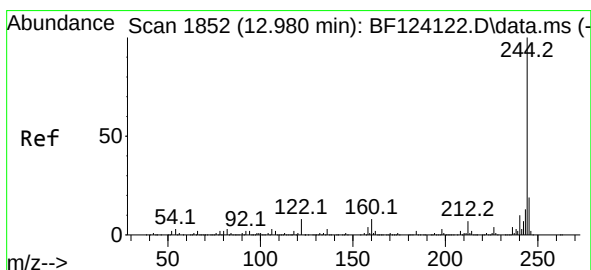
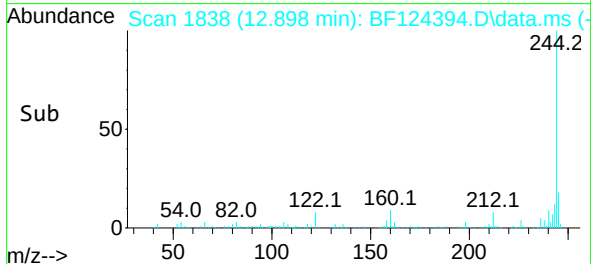
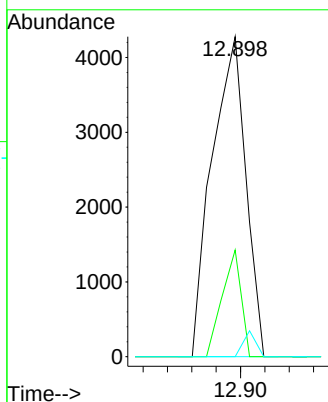
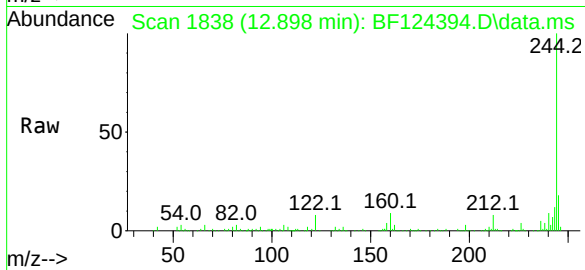
Tgt Ion:184	Resp:	4117
Ion Ratio	Lower	Upper
184	100	
185	33.4	12.1 18.1#
183	0.0	7.8 11.8#

Instrument :

BNA_F

ClientSampled :

SB-3



#79

Terphenyl-d14

Concen: 45.689 ng

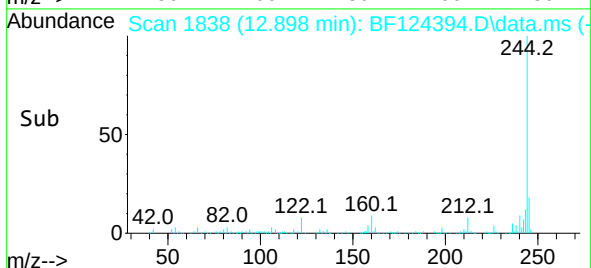
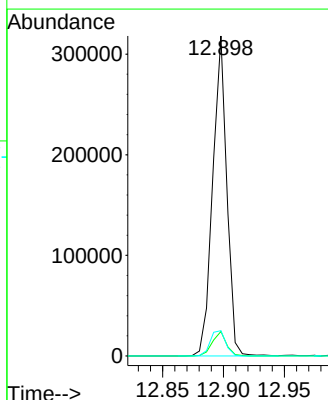
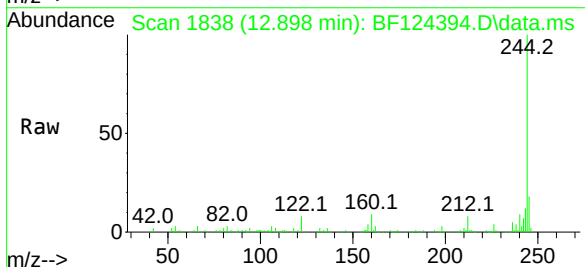
RT: 12.898 min Scan# 1838

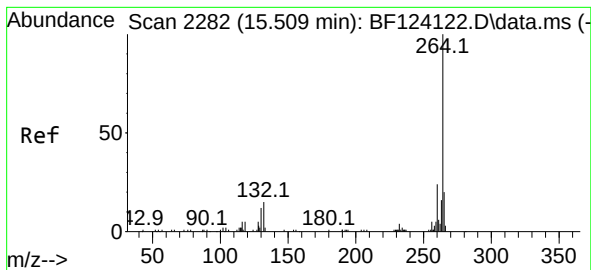
Delta R.T. -0.006 min

Lab File: BF124394.D

Acq: 21 Jun 2021 15:29

Tgt Ion:244	Resp:	257371
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.7 8.5
122	7.9	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: BF124394.D
 Acq: 21 Jun 2021 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:264 Resp: 79328
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 23.0 17.8 26.8

