

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124395.D
 Acq On : 21 Jun 2021 16:03
 Operator : JU/CG
 Sample : M2777-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Jun 21 17:13:04 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

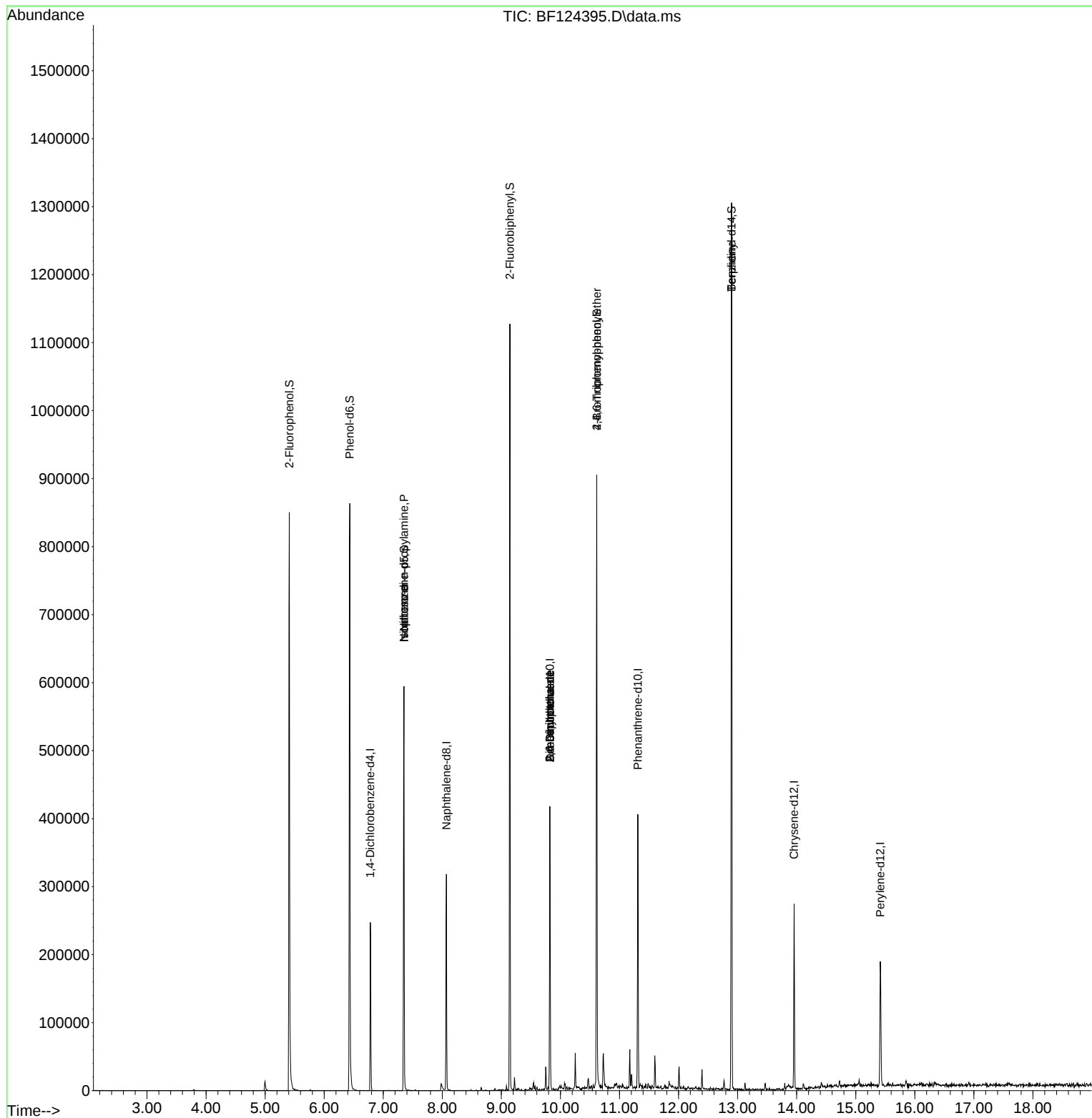
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33277	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	117842	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	75090	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	130181	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	83452	20.000	ng	0.00
86) Perylene-d12	15.415	264	80347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	196663	88.964	ng	0.00
7) Phenol-d6	6.433	99	254765	85.740	ng	-0.01
23) Nitrobenzene-d5	7.351	82	167385	56.336	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	90618	85.180	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	283767	47.554	ng	0.00
79) Terphenyl-d14	12.898	244	400007	65.809	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	23793	11.343	ng	# 61
25) Isophorone	7.351	82	167383	31.262	ng	# 69
50) Dimethylphthalate	9.821	163	12948	2.084	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	8969	6.296	ng	# 10
57) 2,4-Dinitrotoluene	9.821	165	8969	4.774	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	7174	4.015	ng	# 1
77) Benzidine	12.898	184	6779	7.251	ng	# 76

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

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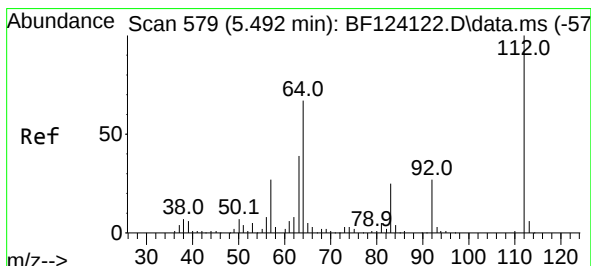
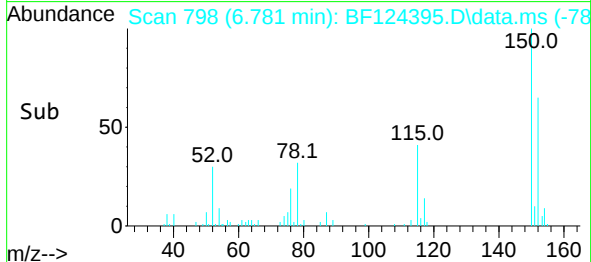
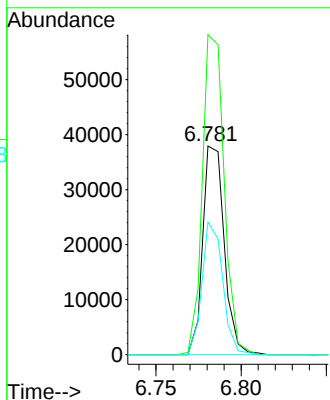
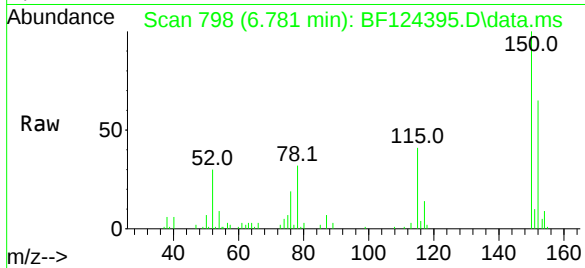




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

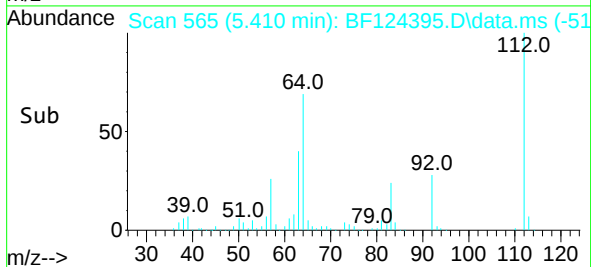
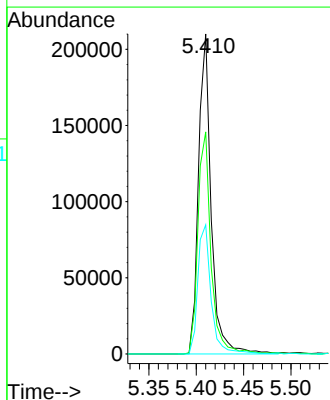
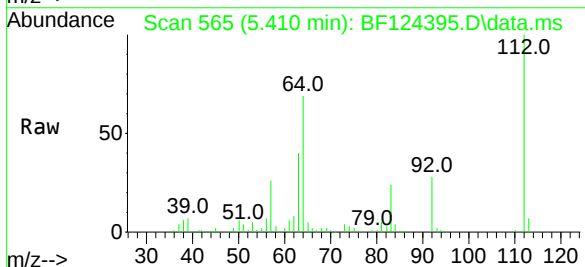
Instrument :
BNA_F
ClientSampled :
P-1

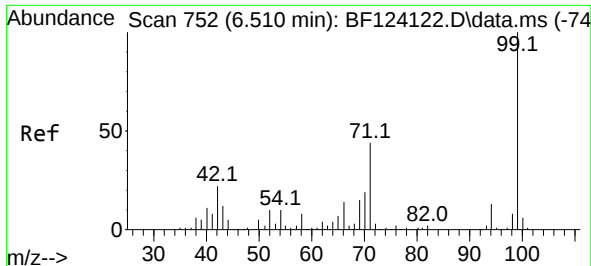
Tgt Ion:152 Resp: 33277
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 88.964 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion:112 Resp: 196663
Ion Ratio Lower Upper
112 100
64 69.4 61.4 92.0
63 40.4 33.0 49.4

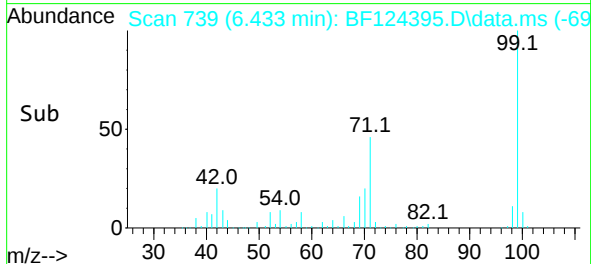
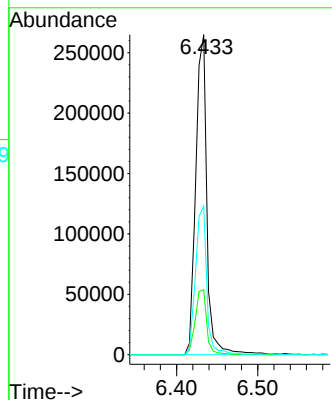
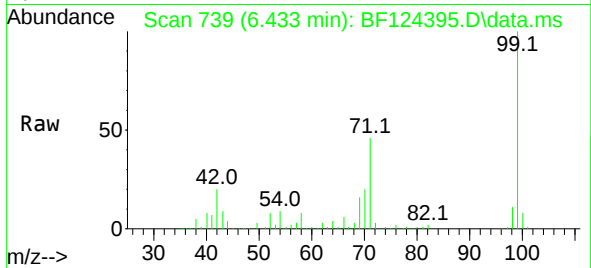




#7
Phenol-d6
Concen: 85.740 ng
RT: 6.433 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

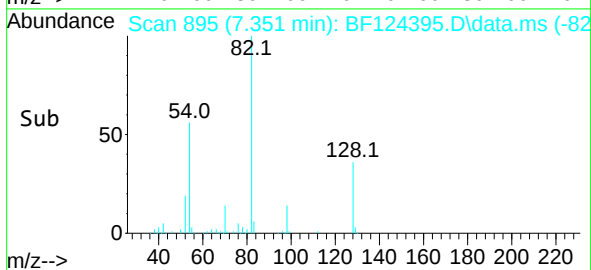
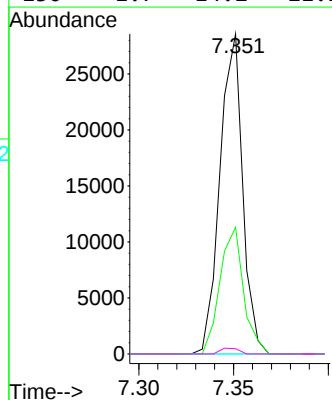
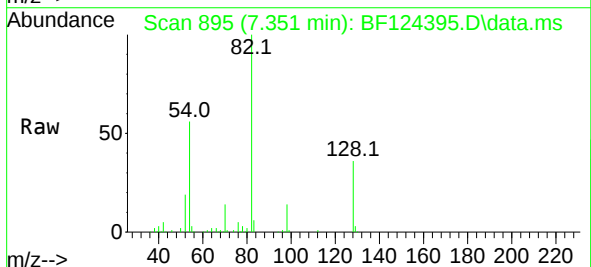
Instrument :
BNA_F
ClientSampled :
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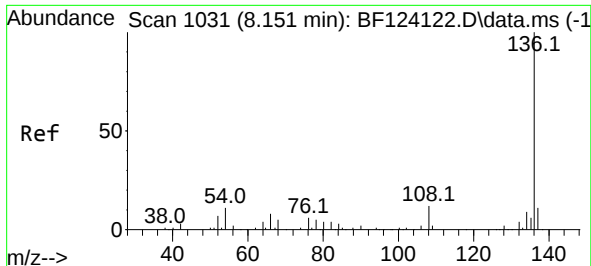
Tgt Ion: 99 Resp: 254765
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.343 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

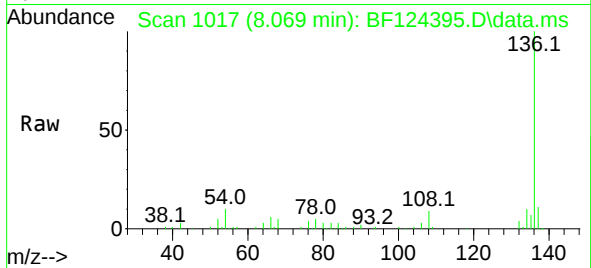
Tgt Ion: 70 Resp: 23793
Ion Ratio Lower Upper
70 100
42 39.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



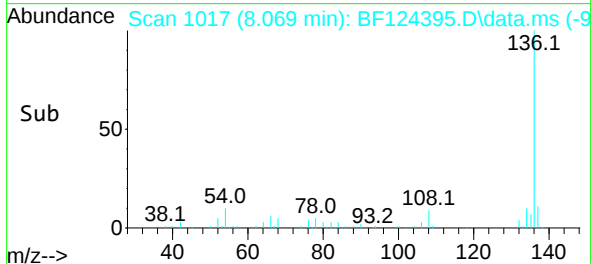
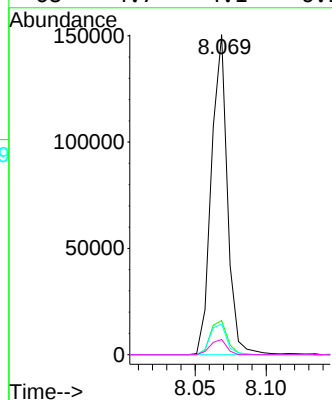


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Instrument :
BNA_F
ClientSampled :
P-1

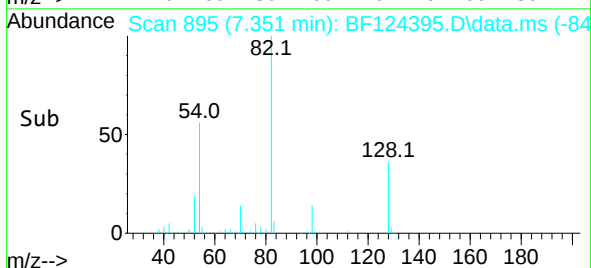
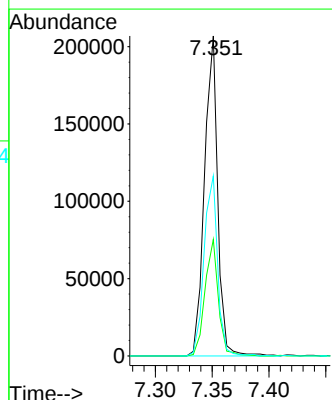
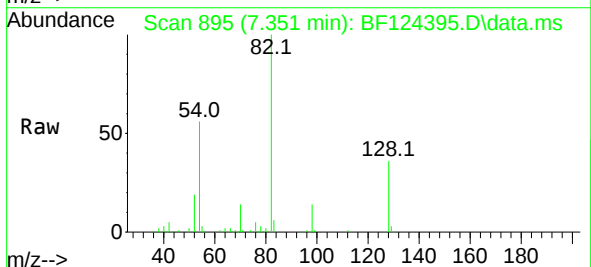


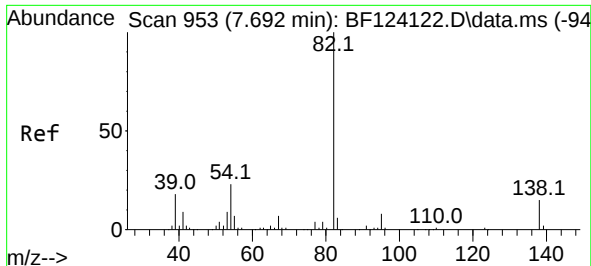
Tgt Ion:136 Resp: 117842
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.5 9.8 14.6#
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 56.336 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion: 82 Resp: 167385
Ion Ratio Lower Upper
82 100
128 36.4 29.4 44.2
54 56.3 54.1 81.1

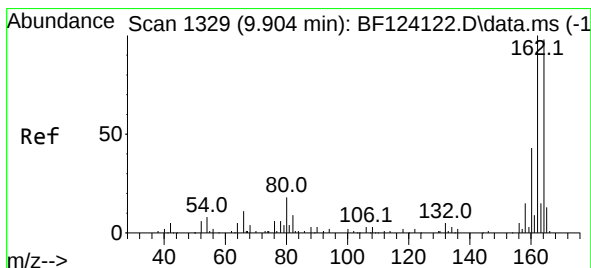
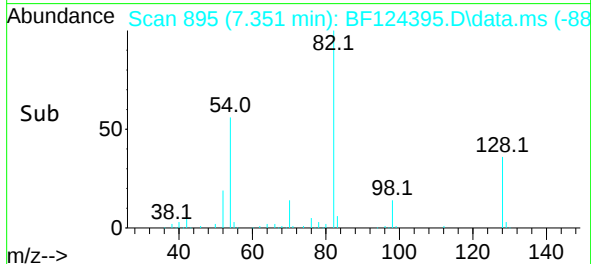
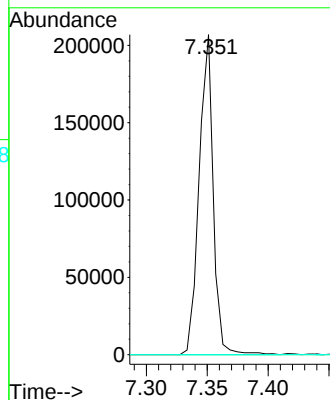
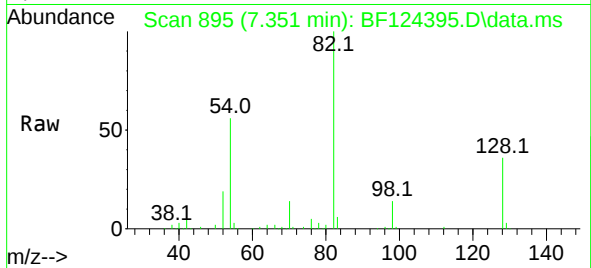




#25
Isophorone
Concen: 31.262 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

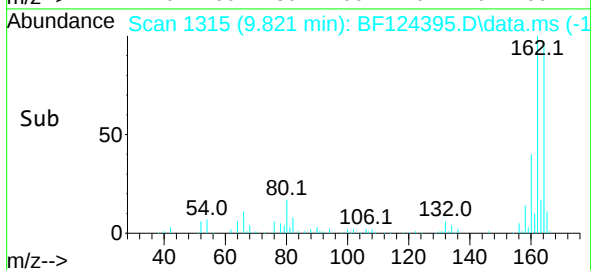
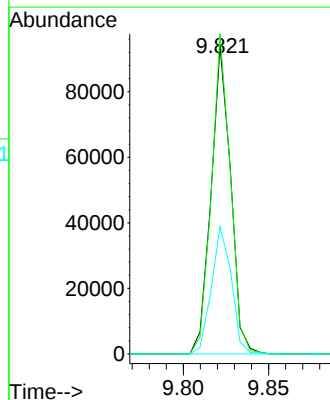
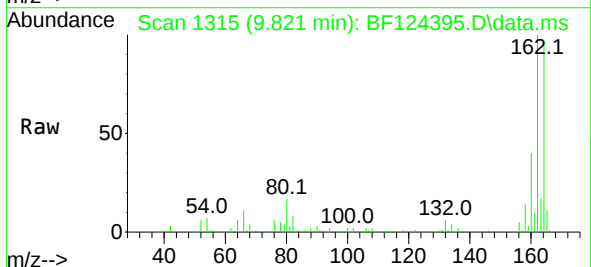
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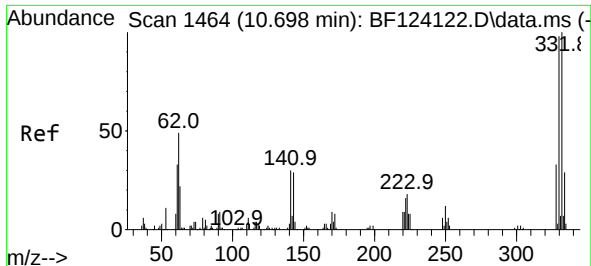
Tgt Ion: 82 Resp: 167383
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion:164 Resp: 75090
Ion Ratio Lower Upper
164 100
162 103.7 80.7 121.1
160 41.3 37.3 55.9

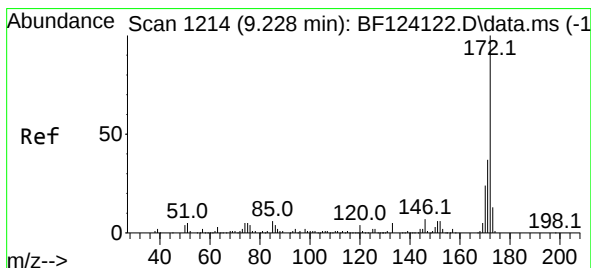
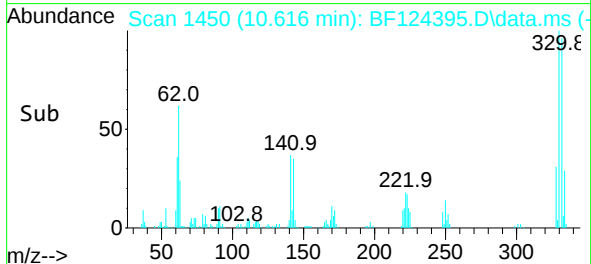
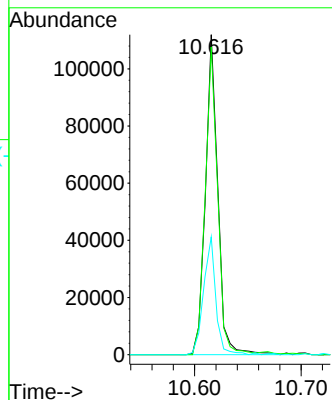
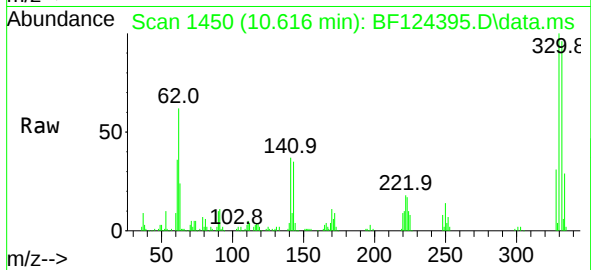




#42
2,4,6-Tribromophenol
Concen: 85.180 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

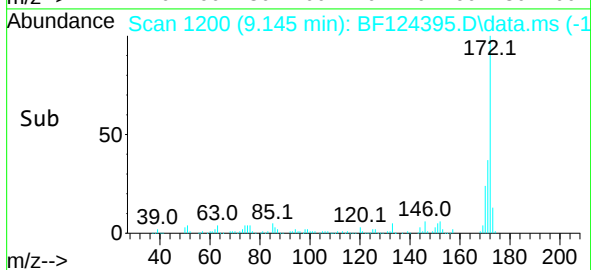
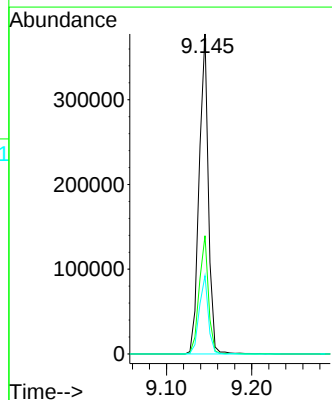
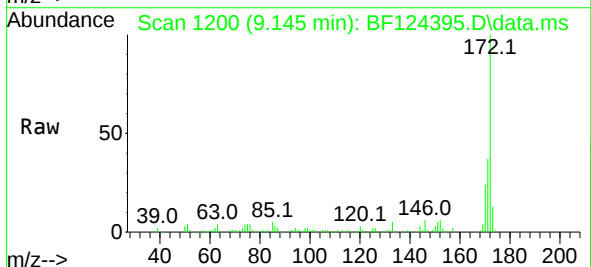
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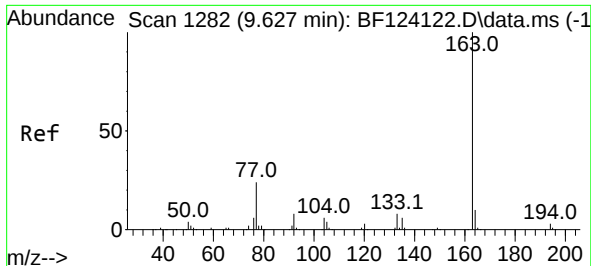
Tgt Ion: 330 Resp: 90618
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 36.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.554 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion: 172 Resp: 283767
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 24.5 19.2 28.8

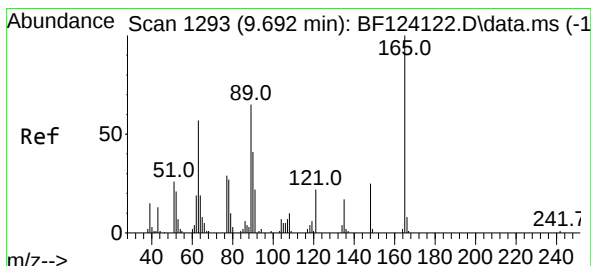
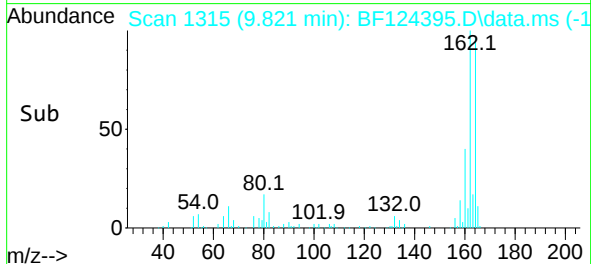
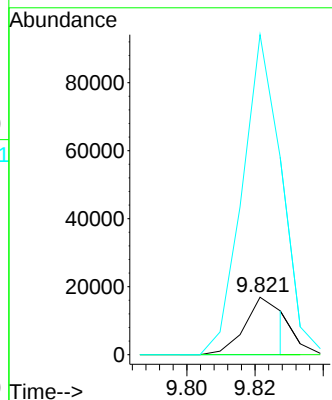
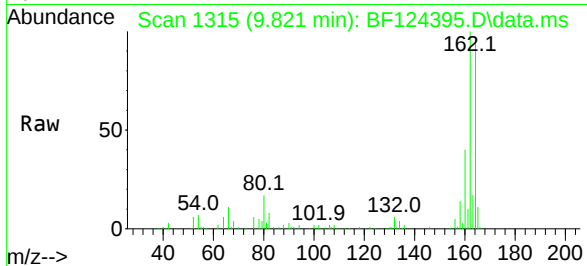




#50
Dimethylphthalate
Concen: 2.084 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

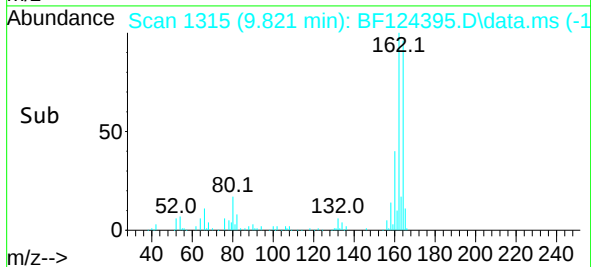
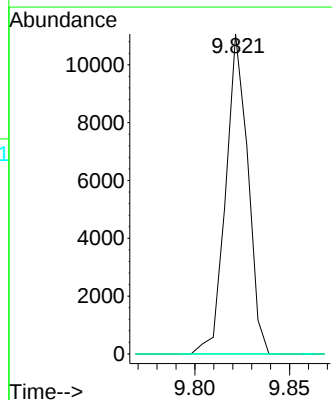
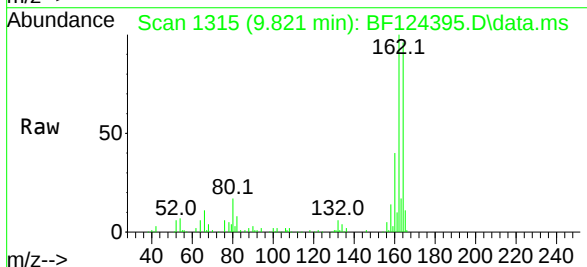
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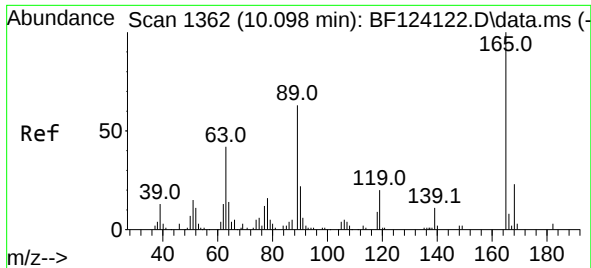
Tgt Ion:163 Resp: 12948
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 557.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.296 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

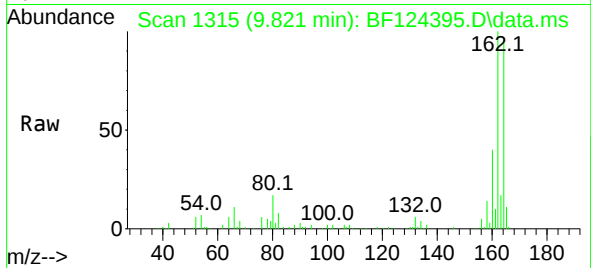
Tgt Ion:165 Resp: 8969
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



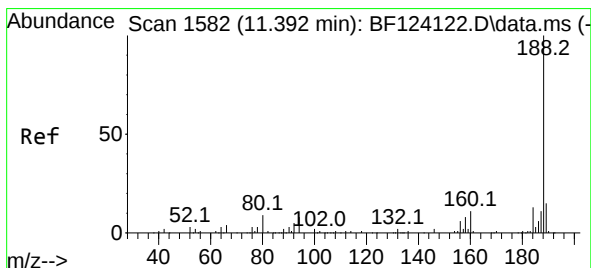
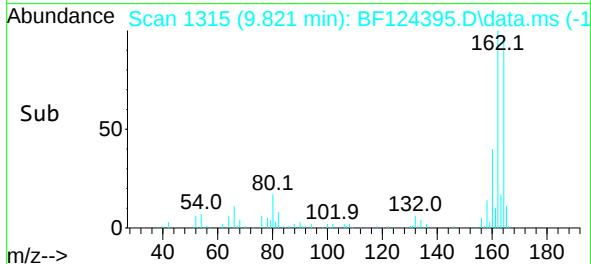
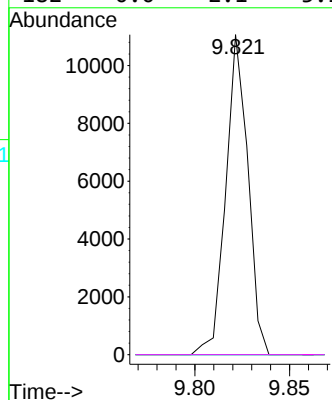


#57
2,4-Dinitrotoluene
Concen: 4.774 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Instrument :
BNA_F
ClientSampled :
P-1

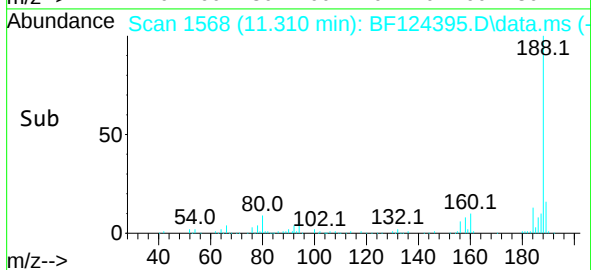
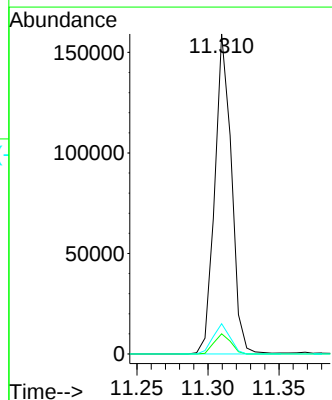
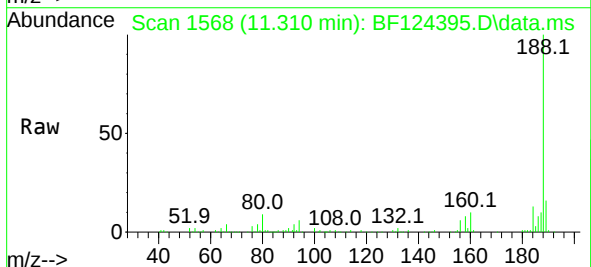


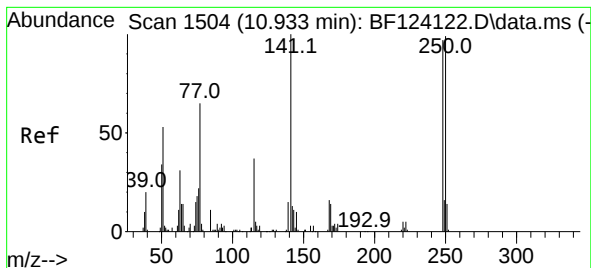
Tgt Ion:165 Resp: 8969
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion:188 Resp: 130181
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 9.4 8.2 12.2

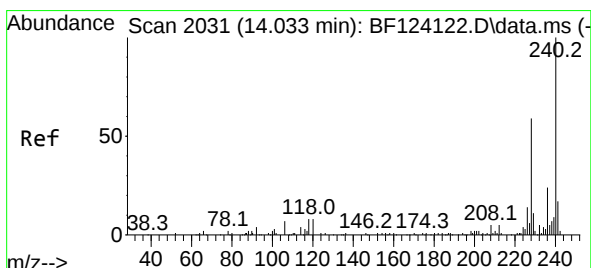
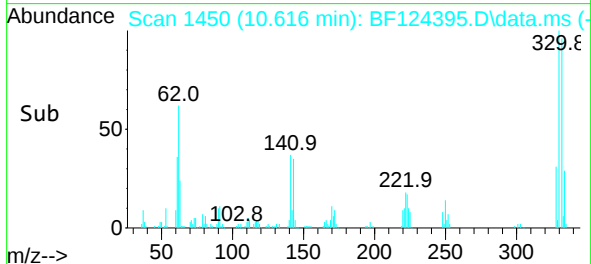
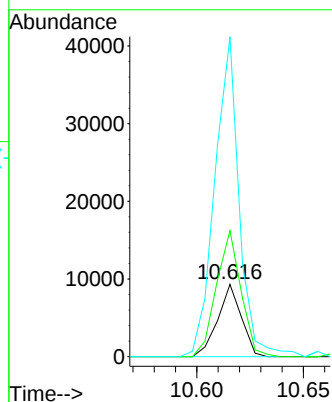
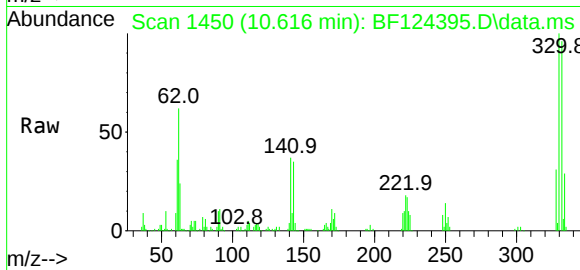




#67
4-Bromophenyl-phenylether
Concen: 4.015 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

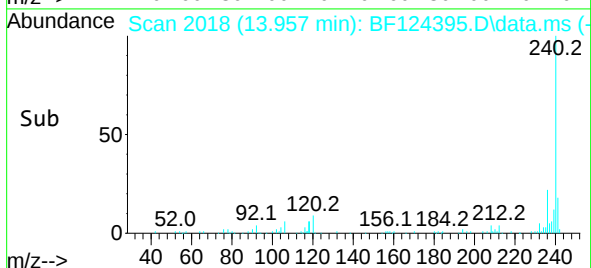
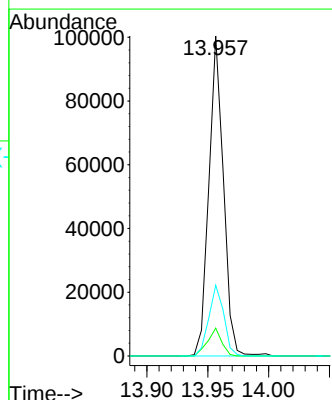
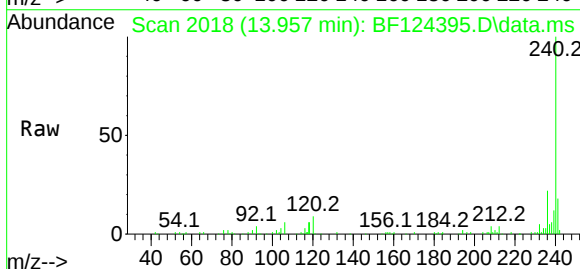
Instrument :
BNA_F
ClientSampled :
P-1

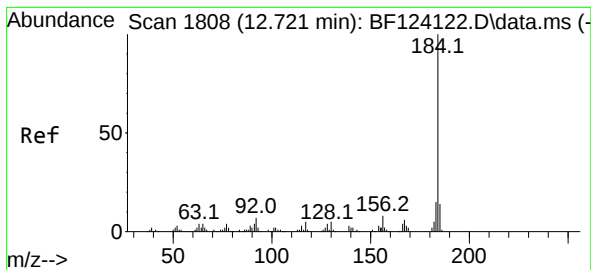
Tgt Ion:248 Resp: 7174
Ion Ratio Lower Upper
248 100
250 174.1 77.4 116.2#
141 442.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124395.D
Acq: 21 Jun 2021 16:03

Tgt Ion:240 Resp: 83452
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 22.1 19.0 28.4





#77

Benzidine

Concen: 7.251 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124395.D

Acq: 21 Jun 2021 16:03

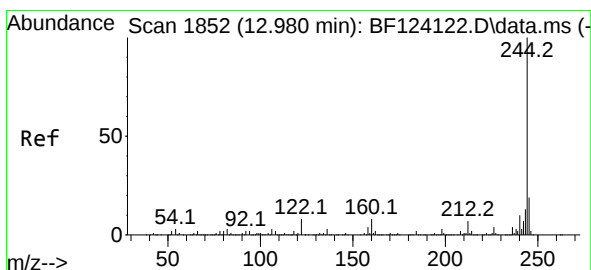
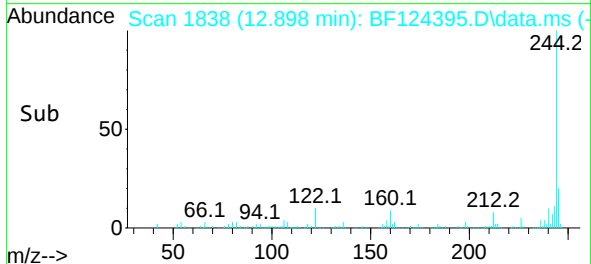
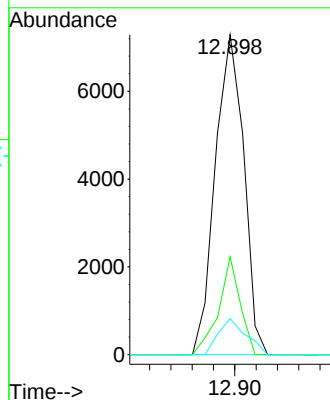
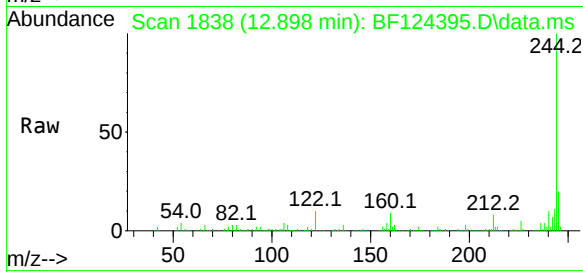
Tgt Ion:184 Resp: 6779

Ion Ratio Lower Upper

184 100

185 30.6 12.1 18.1#

183 11.3 7.8 11.8



#79

Terphenyl-d14

Concen: 65.809 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124395.D

Acq: 21 Jun 2021 16:03

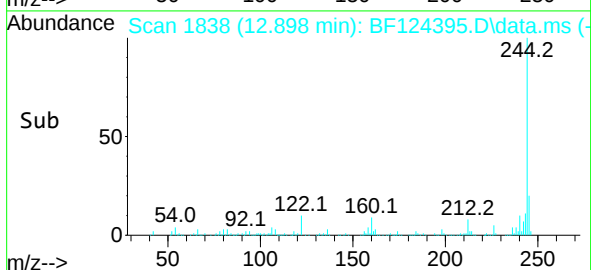
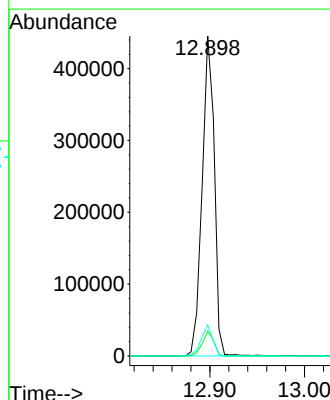
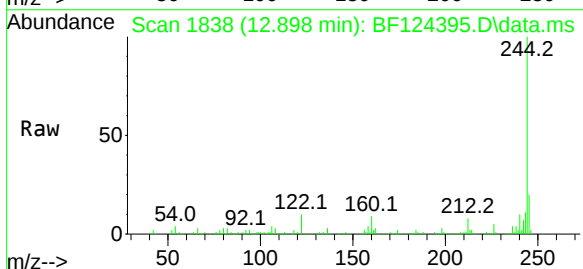
Tgt Ion:244 Resp: 400007

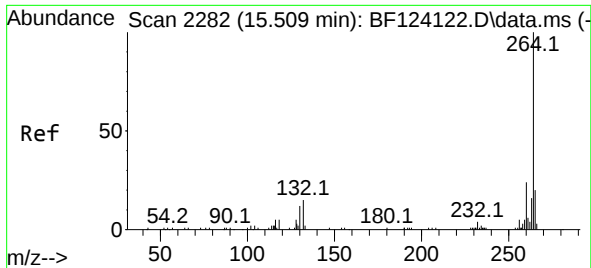
Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 9.7 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: BF124395.D
 Acq: 21 Jun 2021 16:03

Instrument :
 BNA_F
 ClientSampled :
 P-1

Tgt Ion:264 Resp: 80347
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 23.7 17.8 26.8

