

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139520.D
 Acq On : 24 Sep 2024 15:13
 Operator : RC/JU
 Sample : P4148-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Sep 24 15:36:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

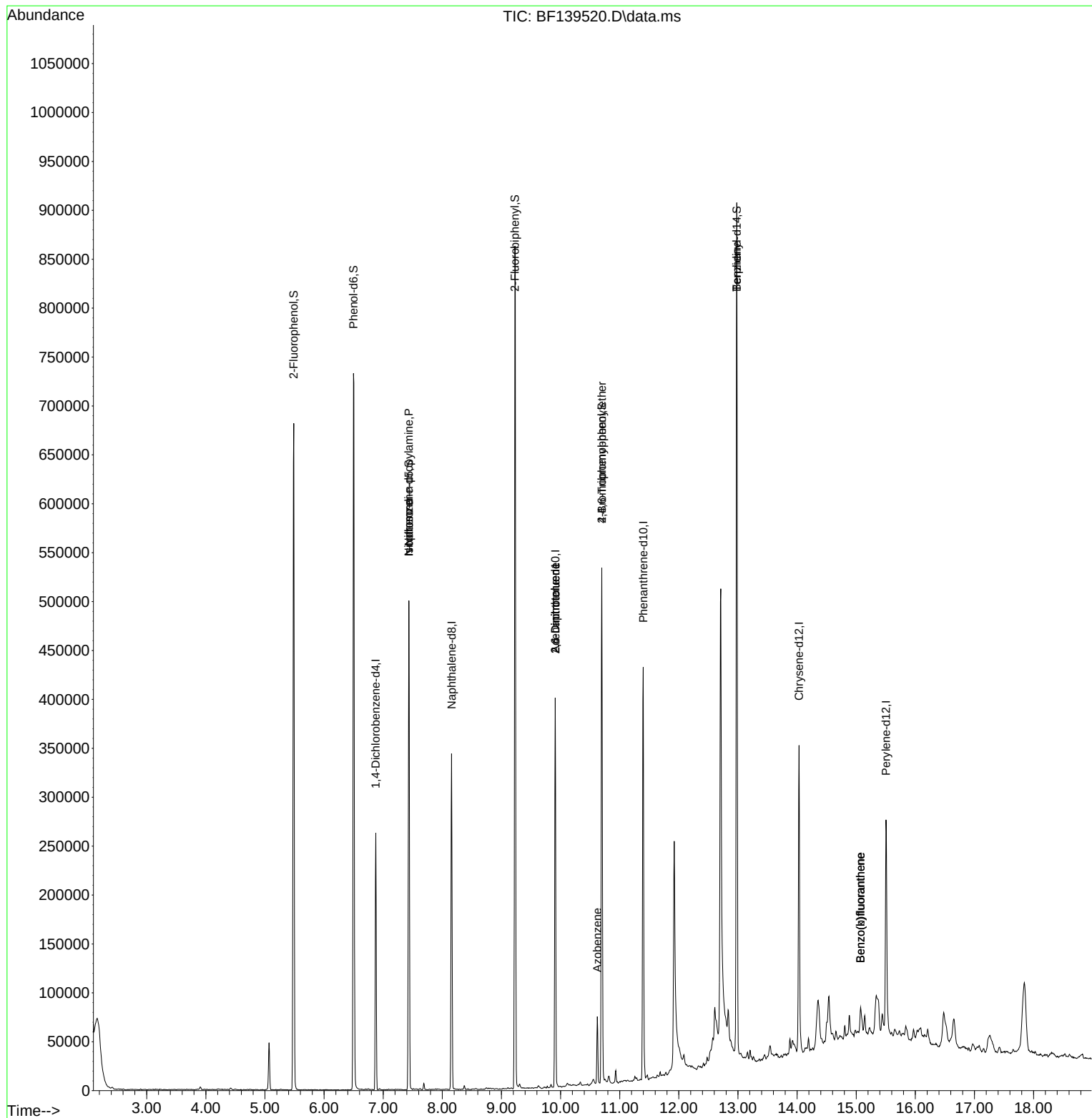
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	193091	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	113675	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	221442	20.000	ng	0.00
76) Chrysene-d12	14.033	240	138626	20.000	ng	0.00
86) Perylene-d12	15.504	264	124775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	226534	73.583	ng	0.00
7) Phenol-d6	6.498	99	312400	77.310	ng	0.00
23) Nitrobenzene-d5	7.434	82	199456	48.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	77139	63.740	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	371679	45.858	ng	0.00
79) Terphenyl-d14	12.980	244	403597	47.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	26487	11.061	ng	# 75
25) Isophorone	7.434	82	199454	30.705	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14897	9.013	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	14897	6.676	ng	# 15
63) Azobenzene	10.622	77	17645	2.330	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	5264	2.399	ng	# 1
77) Benzidine	12.980	184	6318	3.181	ng	# 84
88) Benzo(b)fluoranthene	15.074	252	17242	2.241	ng	# 91
89) Benzo(k)fluoranthene	15.074	252	17242	2.430	ng	# 91

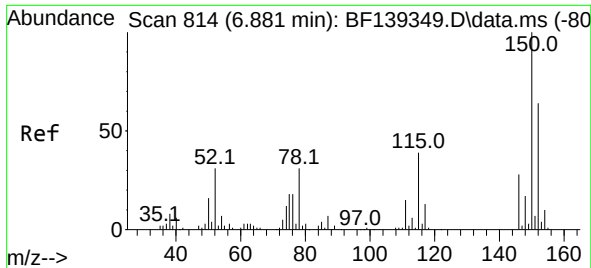
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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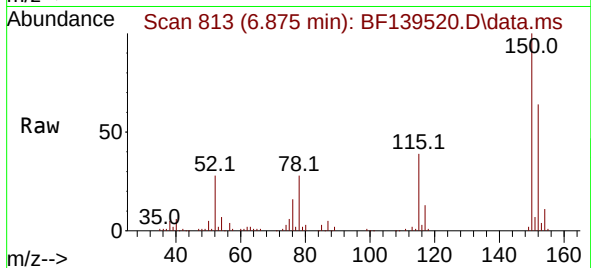
Quant Time: Sep 24 15:36:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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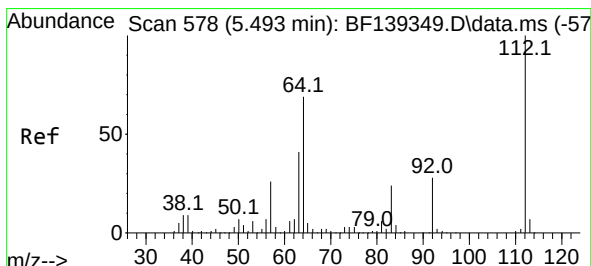
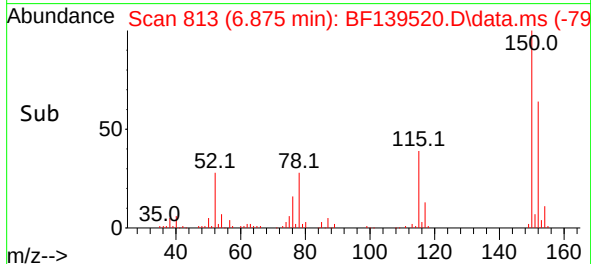
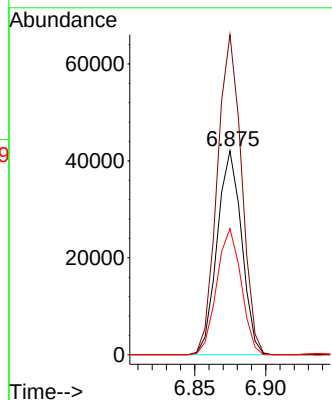


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

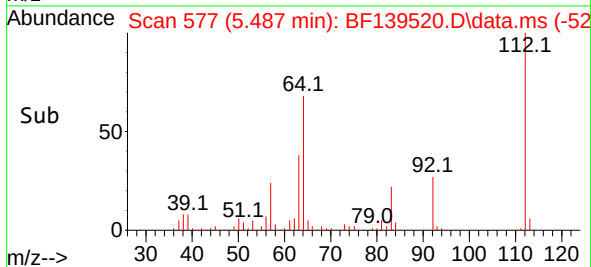
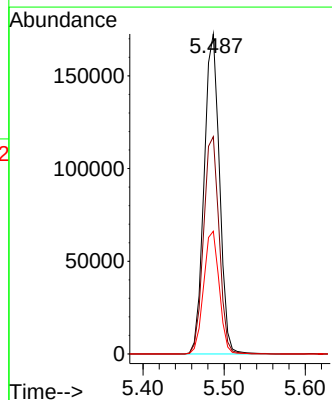
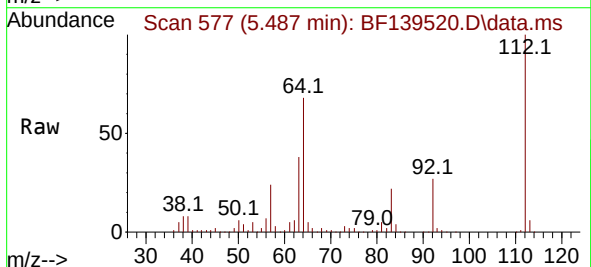


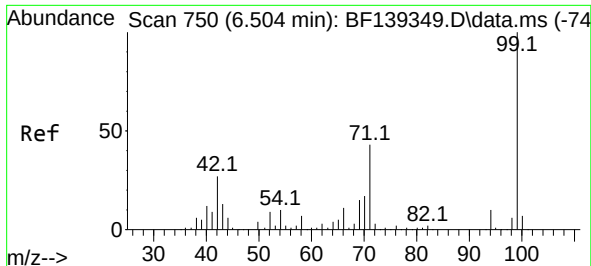
Tgt Ion:152 Resp: 50223
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 73.583 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

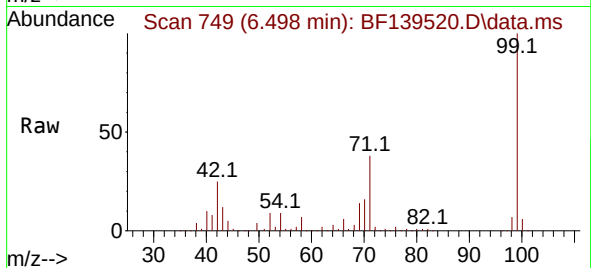
Tgt Ion:112 Resp: 226534
Ion Ratio Lower Upper
112 100
64 67.9 54.8 82.2
63 38.3 33.0 49.4



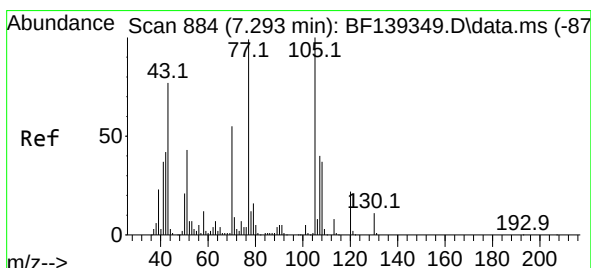
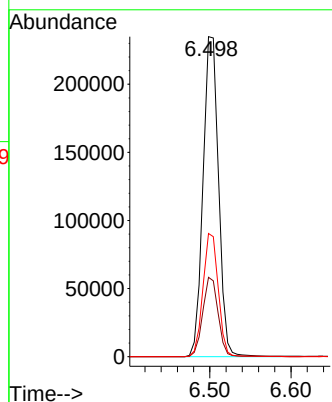
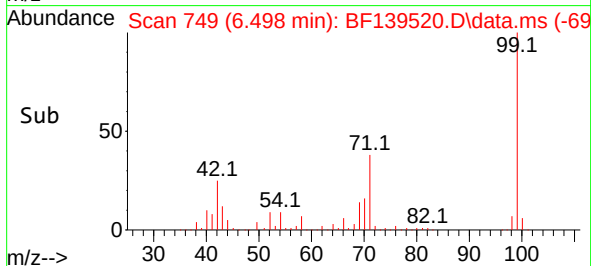


#7
Phenol-d6
Concen: 77.310 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

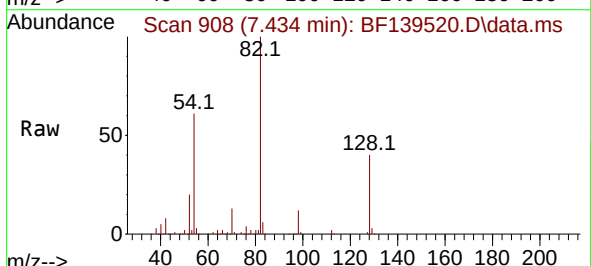
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



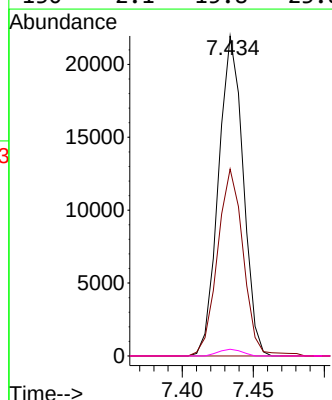
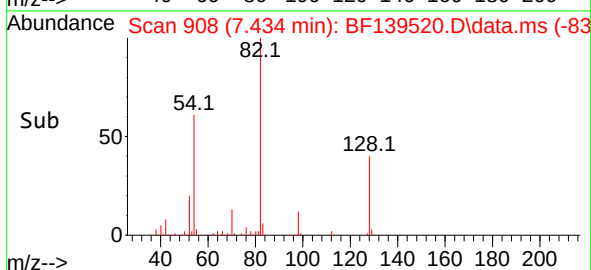
Tgt Ion: 99 Resp: 312400
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 38.5 34.6 52.0

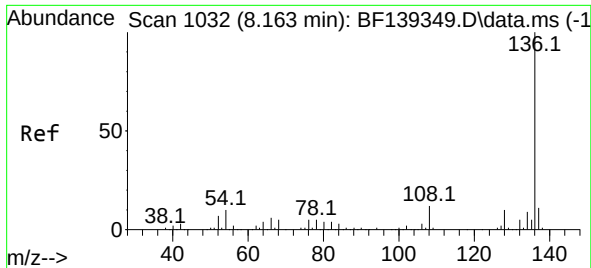


#19
n-Nitroso-di-n-propylamine
Concen: 11.061 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13



Tgt Ion: 70 Resp: 26487
Ion Ratio Lower Upper
70 100
42 58.4 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#

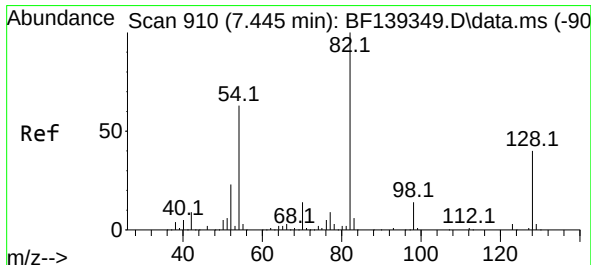
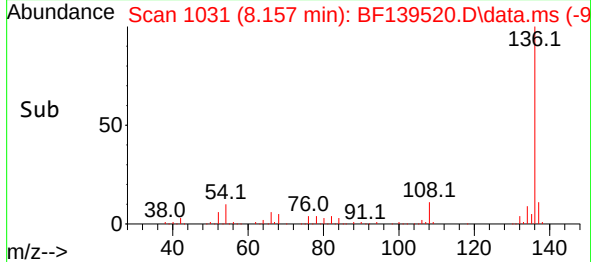
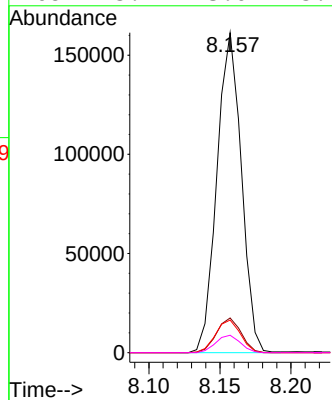
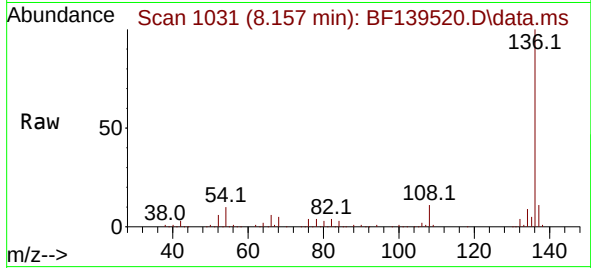




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

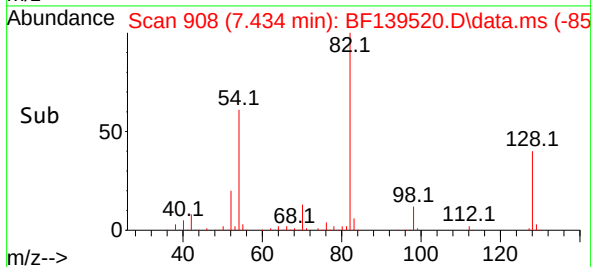
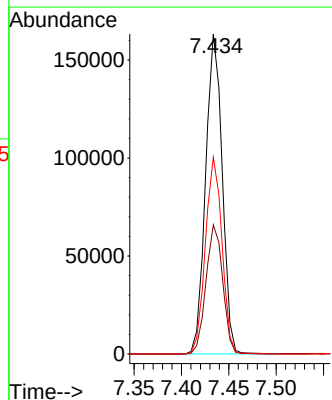
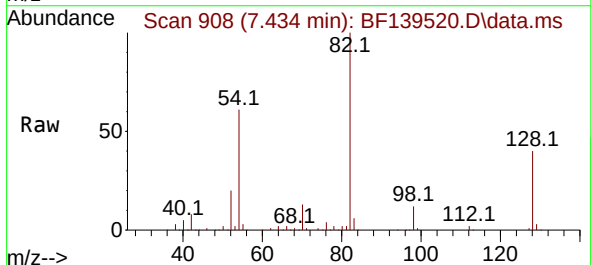
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

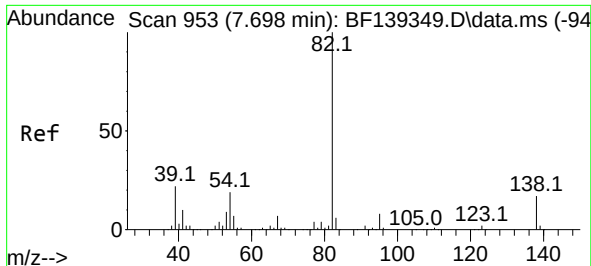
Tgt Ion:136 Resp: 193091
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 7.8 11.8
68 5.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 48.561 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

Tgt Ion: 82 Resp: 199456
Ion Ratio Lower Upper
82 100
128 40.3 31.8 47.6
54 61.4 50.6 75.8

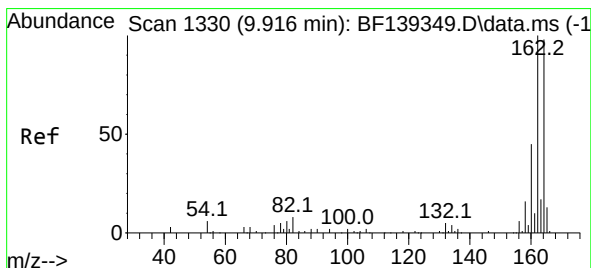
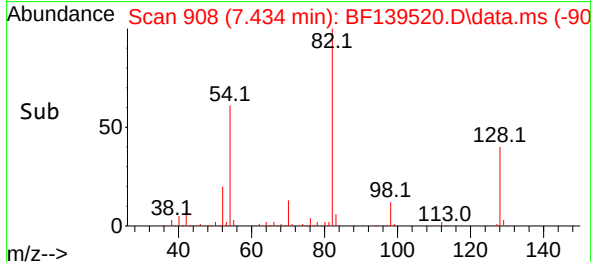
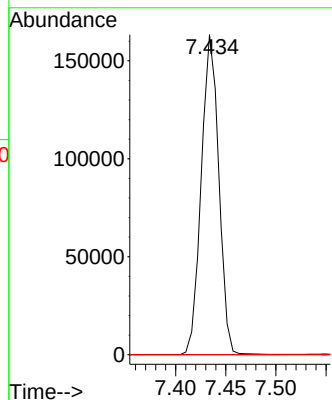
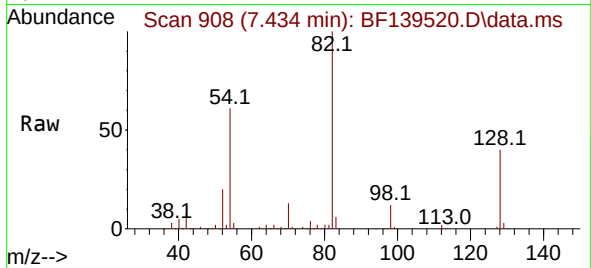




#25
Isophorone
Concen: 30.705 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

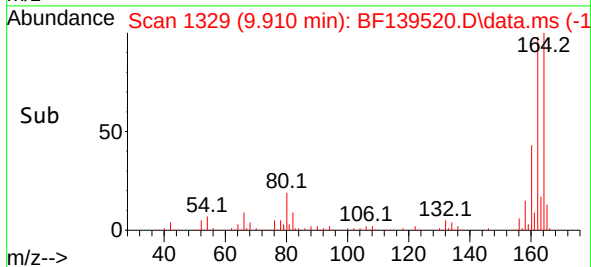
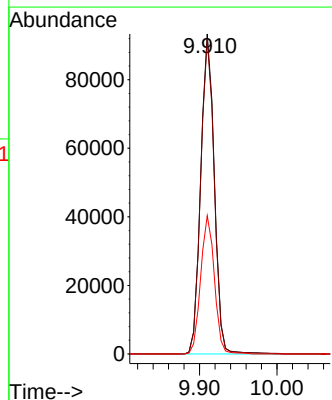
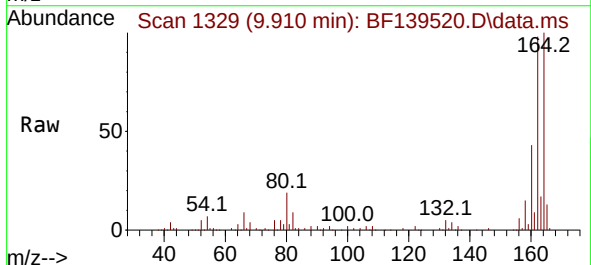
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

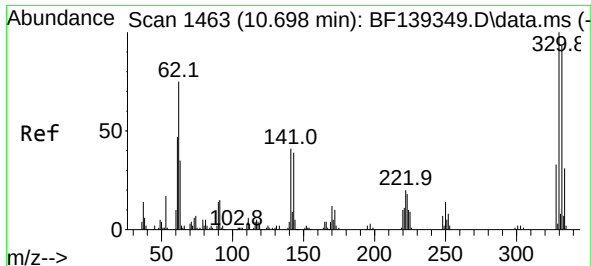
Tgt Ion: 82 Resp: 199454
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

Tgt Ion:164 Resp: 113675
Ion Ratio Lower Upper
164 100
162 98.3 81.3 121.9
160 43.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 63.740 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139520.D

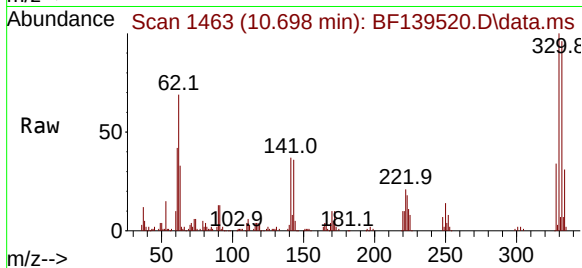
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Instrument :

BNA_F

ClientSampleId :

STOCK-PILE



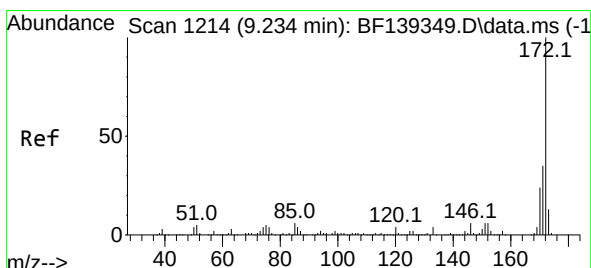
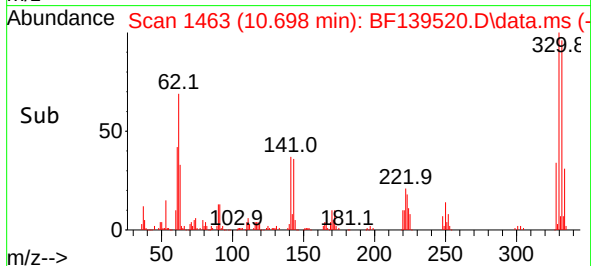
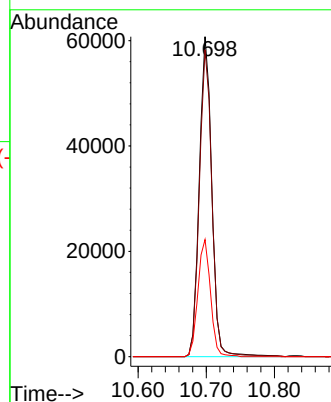
Tgt Ion:330 Resp: 77139

Ion Ratio Lower Upper

330 100

332 95.9 75.2 112.8

141 36.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 45.858 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

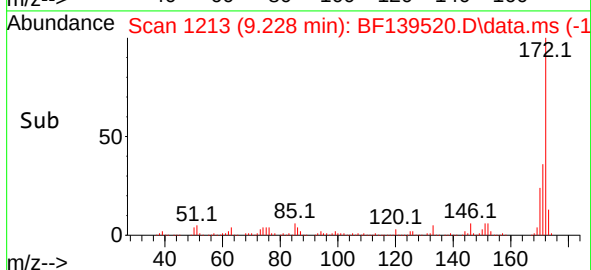
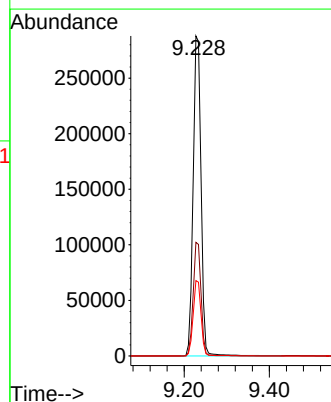
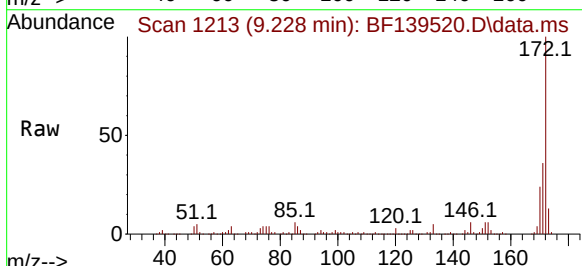
Tgt Ion:172 Resp: 371679

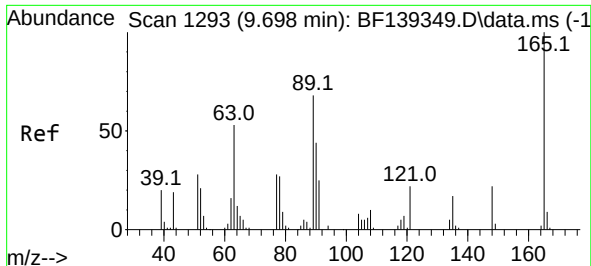
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.6

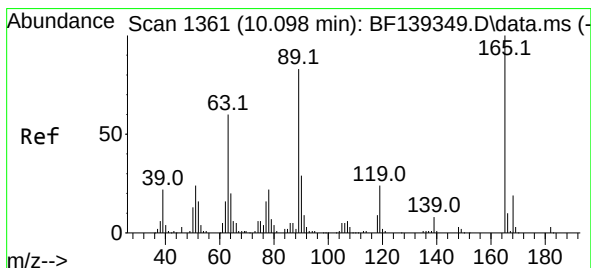
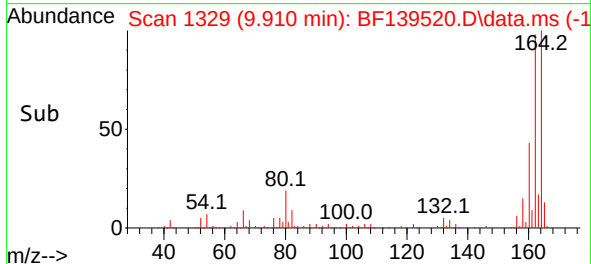
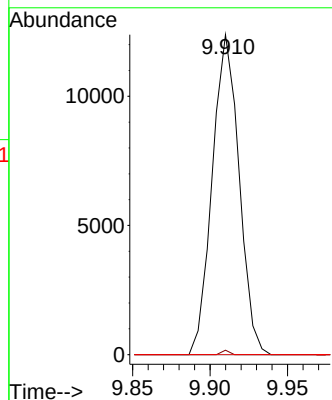
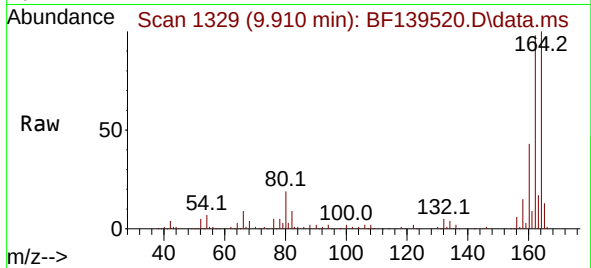




#51
2,6-Dinitrotoluene
Concen: 9.013 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

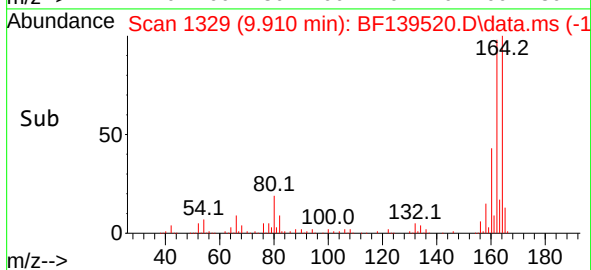
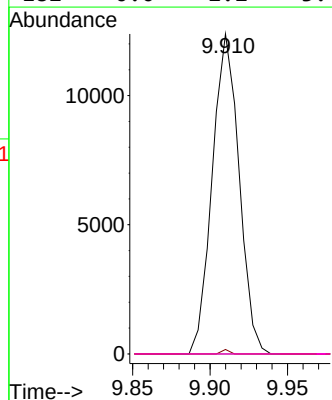
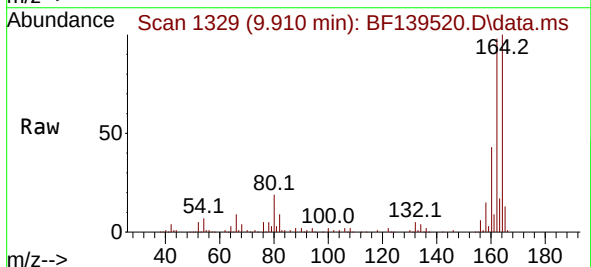
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

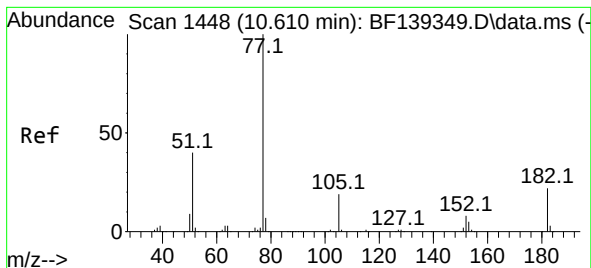
Tgt Ion:165 Resp: 14897
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.676 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

Tgt Ion:165 Resp: 14897
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 0.0 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.330 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

Tgt Ion: 77 Resp: 17645

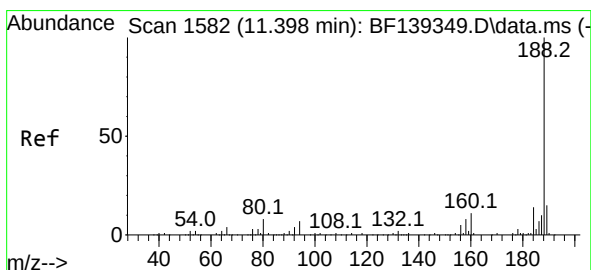
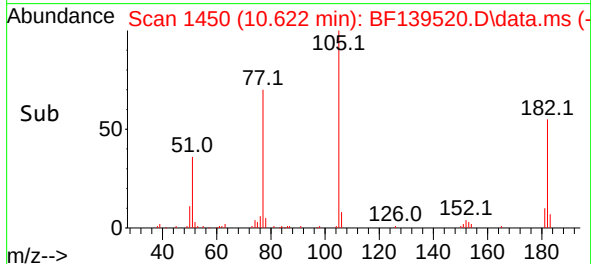
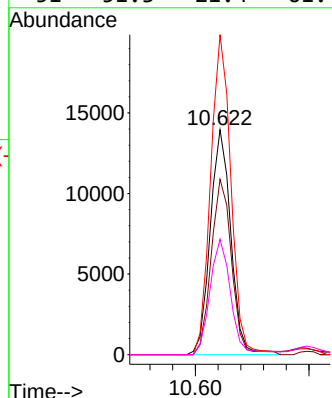
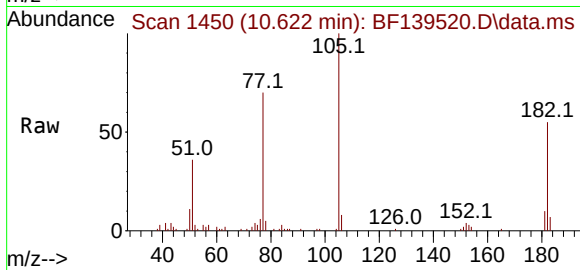
Ion Ratio Lower Upper

77 100

182 78.0 1.8 41.8#

105 142.3 0.0 38.6#

51 51.3 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

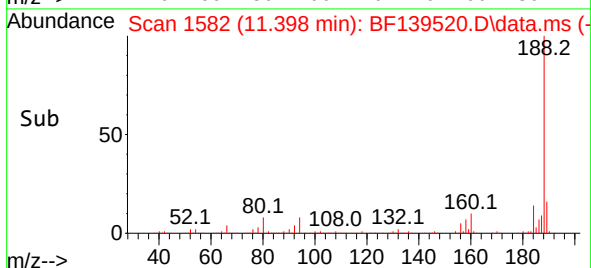
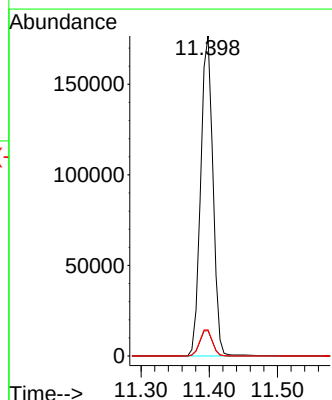
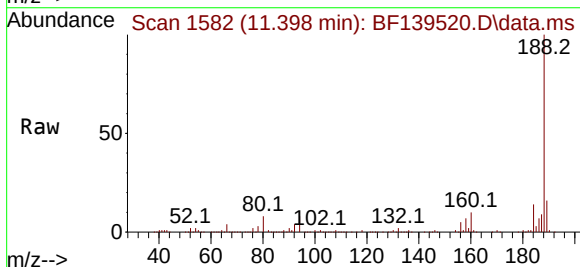
Tgt Ion: 188 Resp: 221442

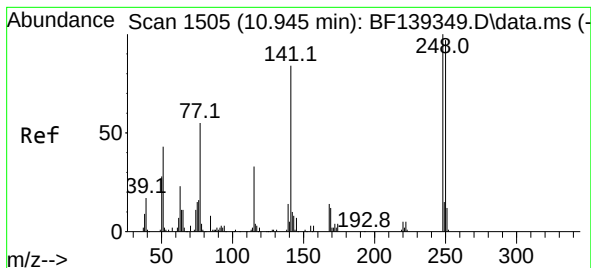
Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 8.2 6.6 9.8

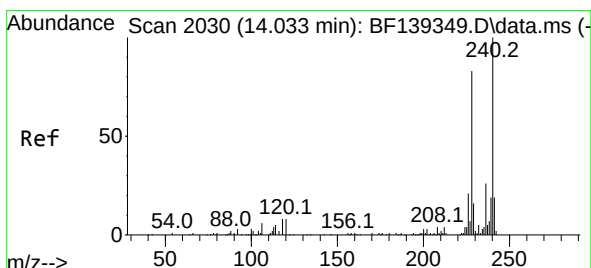
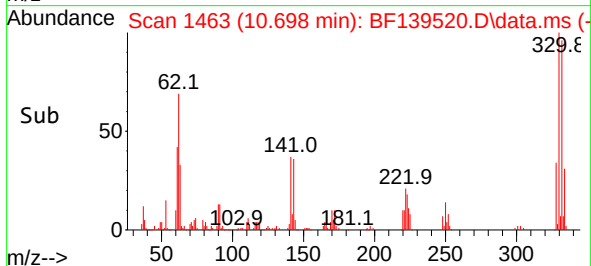
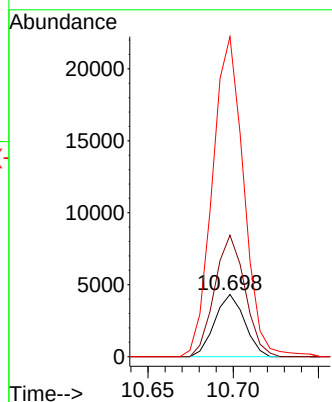
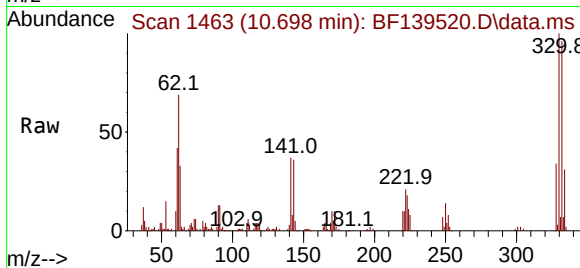




#67
4-Bromophenyl-phenylether
Concen: 2.399 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

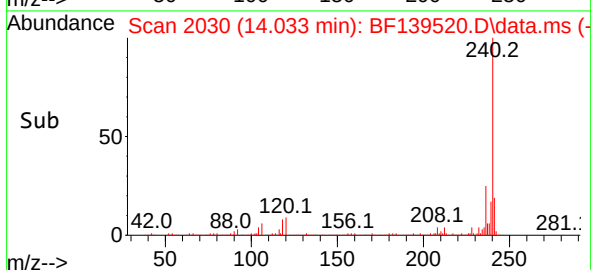
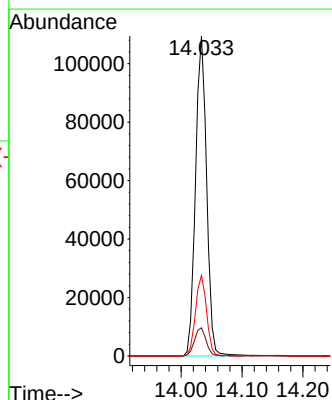
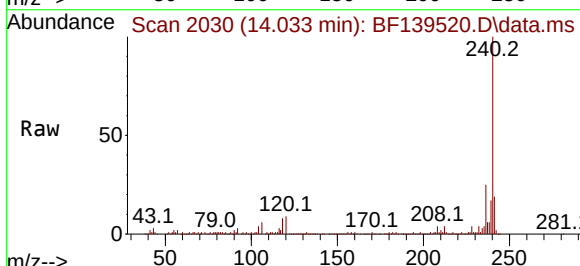
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

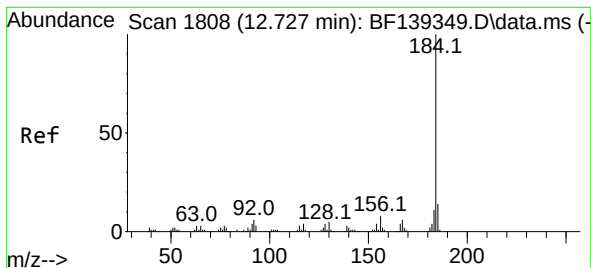
Tgt Ion:248 Resp: 5264
Ion Ratio Lower Upper
248 100
250 195.1 77.6 116.4#
141 514.3 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139520.D
Acq: 24 Sep 2024 15:13

Tgt Ion:240 Resp: 138626
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.2
236 25.2 20.9 31.3





#77

Benzidine

Concen: 3.181 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

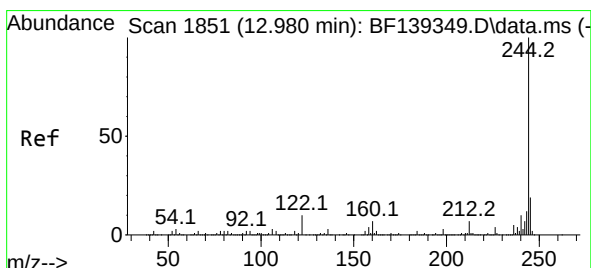
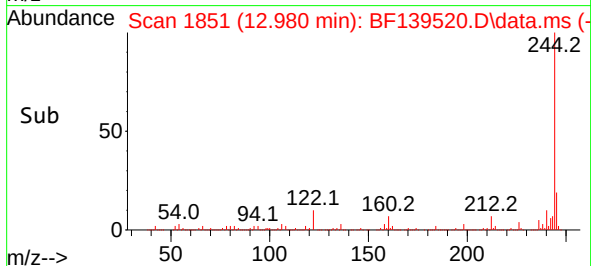
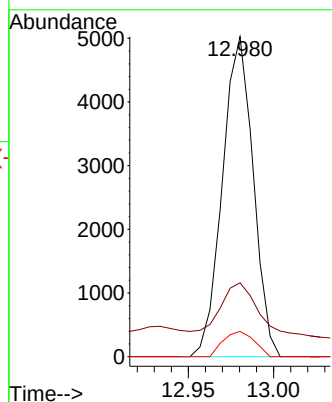
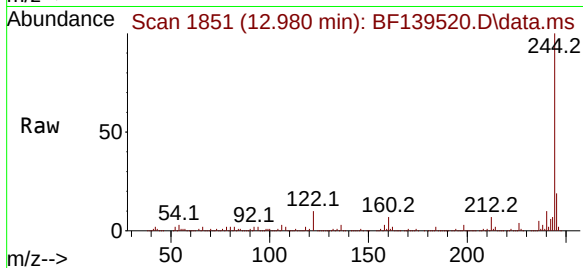
Tgt Ion:184 Resp: 6318

Ion Ratio Lower Upper

184 100

185 23.1 11.5 17.3#

183 7.9 8.9 13.3#



#79

Terphenyl-d14

Concen: 47.788 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

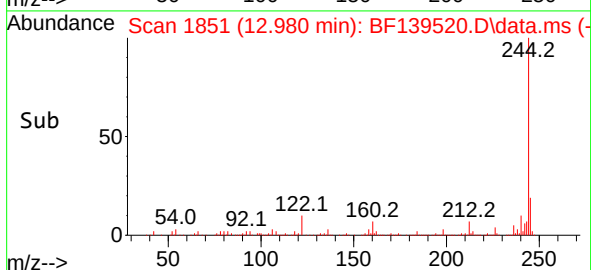
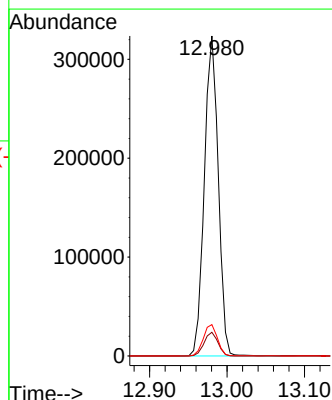
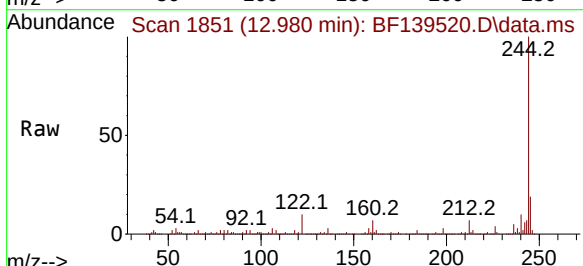
Tgt Ion:244 Resp: 403597

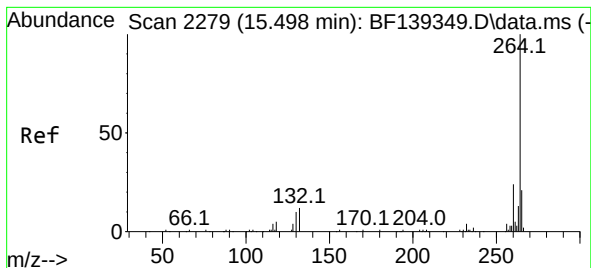
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

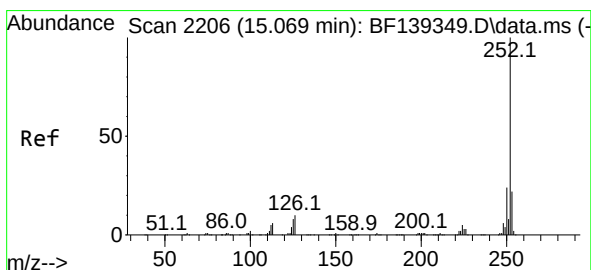
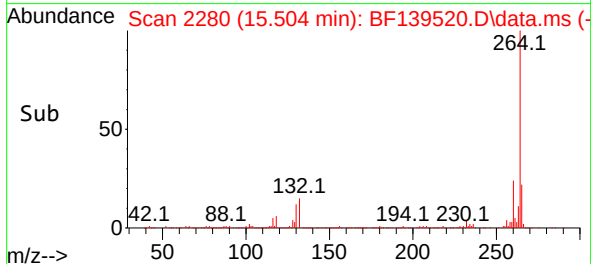
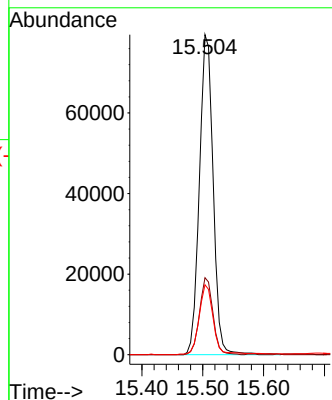
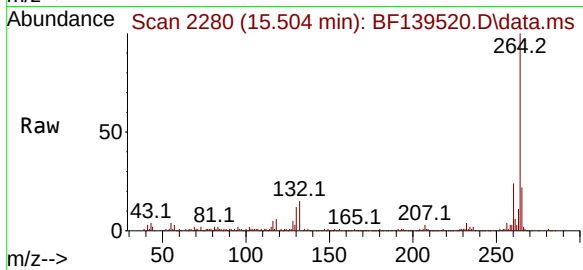
Tgt Ion:264 Resp: 124775

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.8 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 2.241 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139520.D

Acq: 24 Sep 2024 15:13

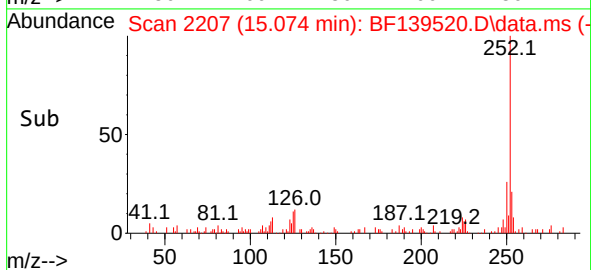
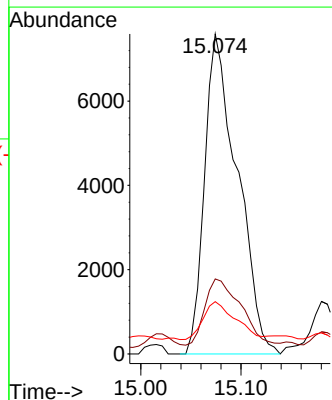
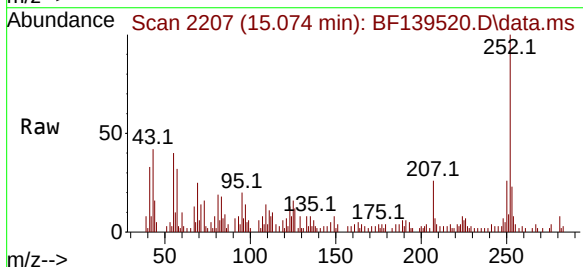
Tgt Ion:252 Resp: 17242

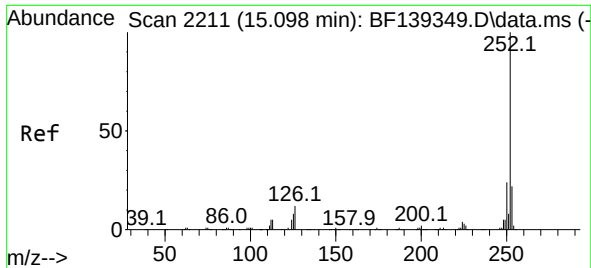
Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 16.4 6.2 9.2#





#89

Benzo(k)fluoranthene

Concen: 2.430 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139520.D

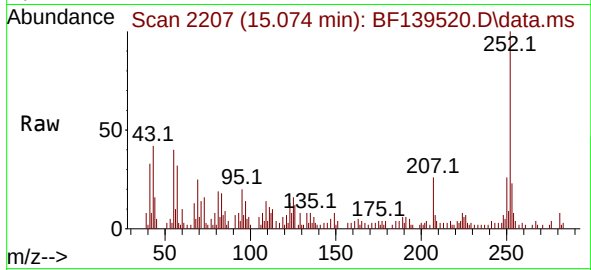
Acq: 24 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE



Tgt Ion:252 Resp: 17242

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 16.4 5.9 8.9#

