

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127255.D
 Acq On : 08 Mar 2022 13:34
 Operator : CG\JU
 Sample : N1763-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

Quant Time: Mar 08 16:04:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

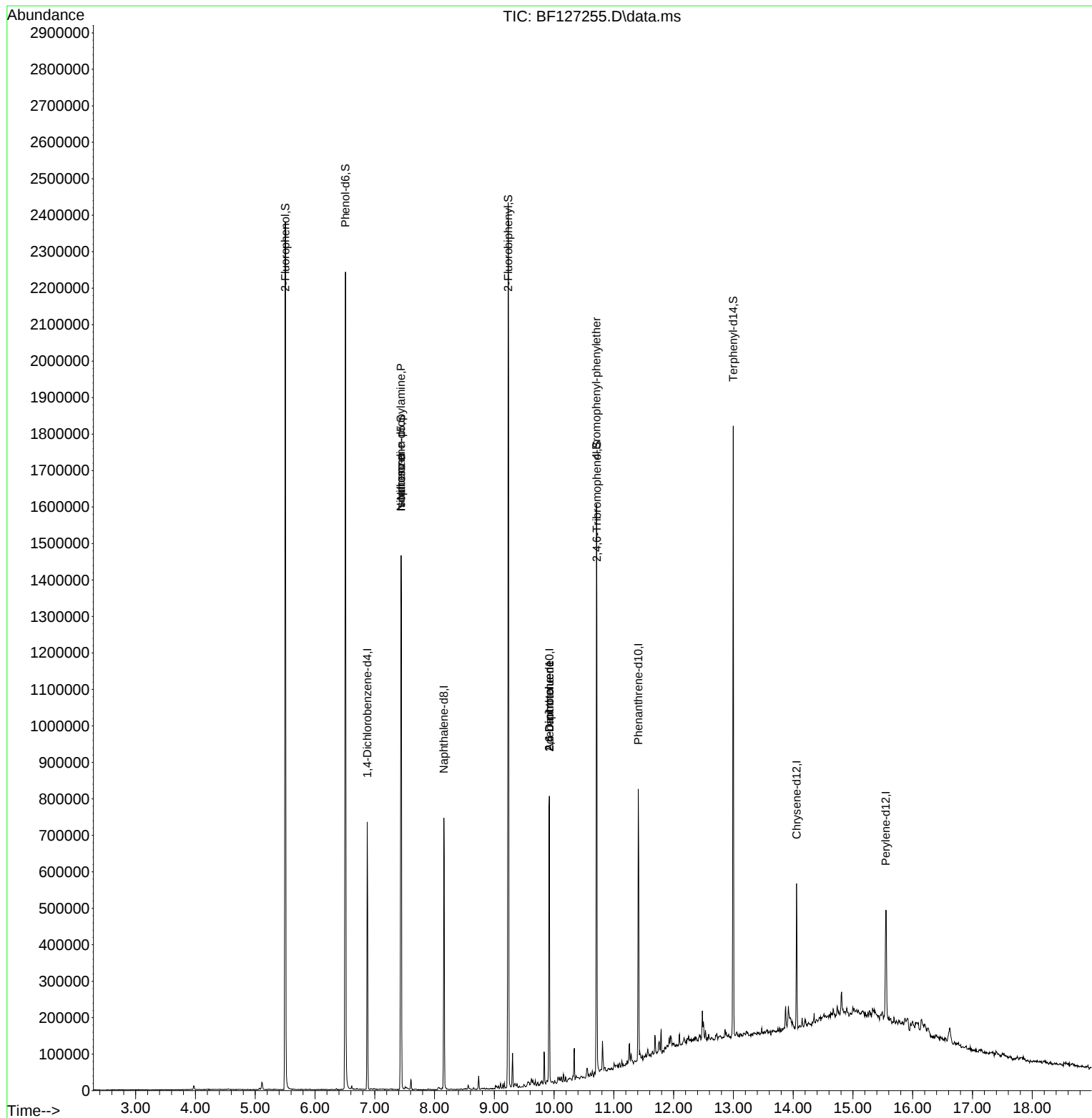
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	94603	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	314381	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	159720	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	246524	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	125485	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	135869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	580616	94.858	ng	0.00
7) Phenol-d6	6.510	99	761750	92.230	ng	0.00
23) Nitrobenzene-d5	7.439	82	513583	73.738	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	183184	99.613	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	710682	65.504	ng	0.00
79) Terphenyl-d14	12.998	244	502412	58.857	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	69346	13.030	ng	# 77
25) Isophorone	7.439	82	513578	44.561	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	20839	8.972	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20839	6.635	ng	# 15
67) 4-Bromophenyl-phenylether	10.710	248	11152	4.049	ng	# 1

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

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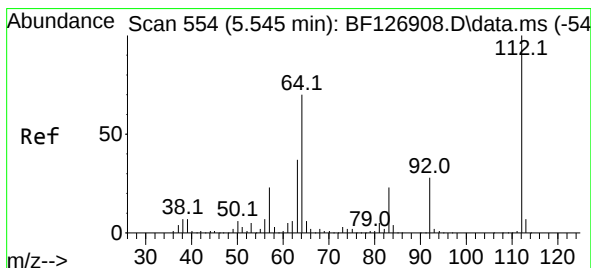
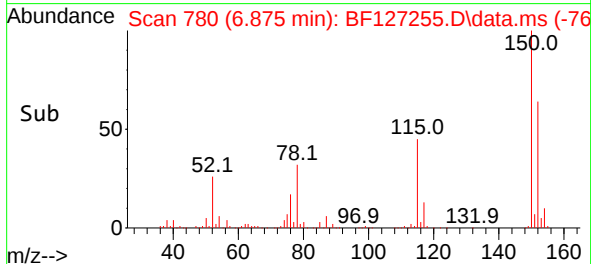
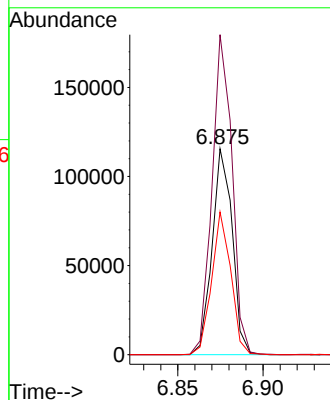
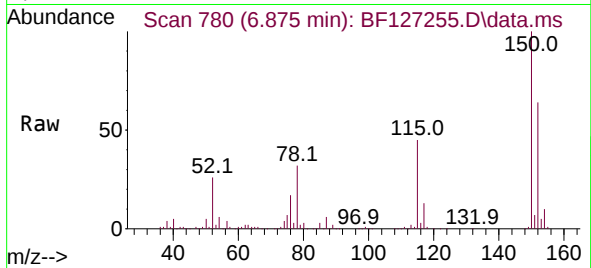




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

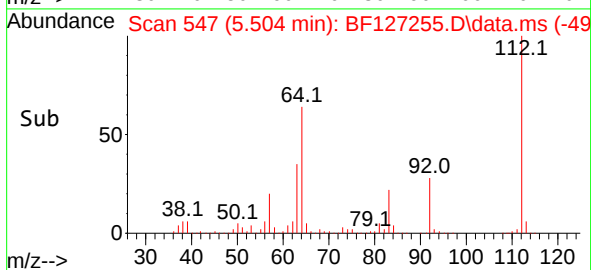
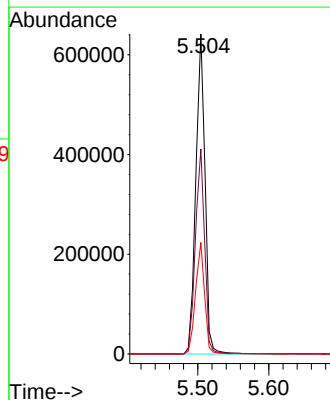
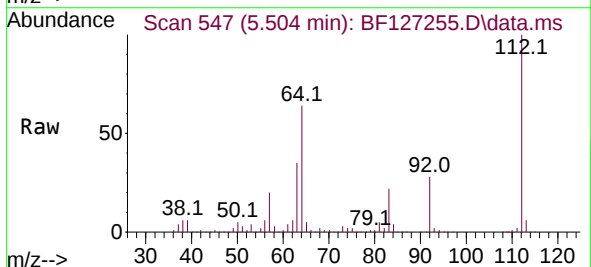
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

Tgt Ion:152 Resp: 94603
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 94.858 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

Tgt Ion:112 Resp: 580616
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 34.9 23.9 35.9

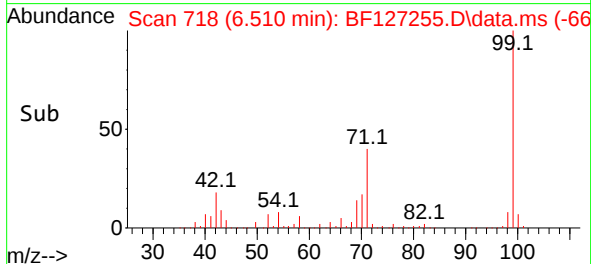
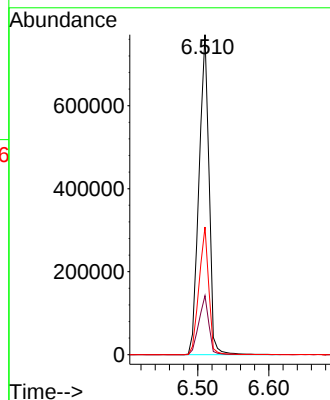
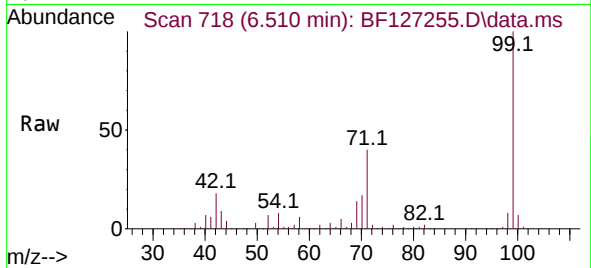




#7
Phenol-d6
Concen: 92.230 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

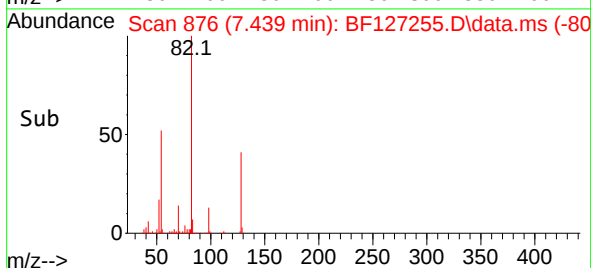
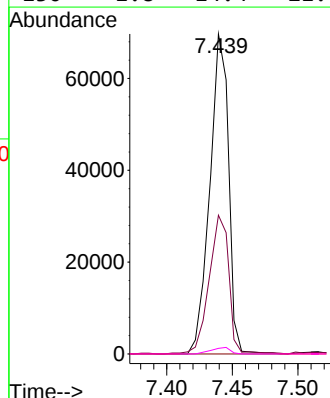
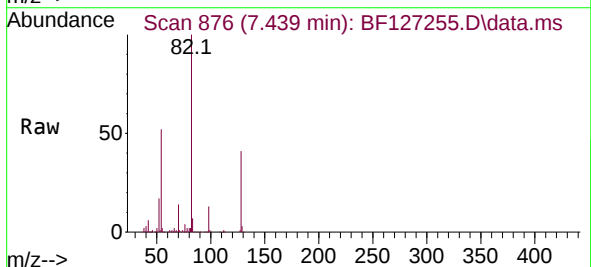
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

Tgt Ion: 99 Resp: 761750
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 39.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.030 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

Tgt Ion: 70 Resp: 69346
Ion Ratio Lower Upper
70 100
42 43.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

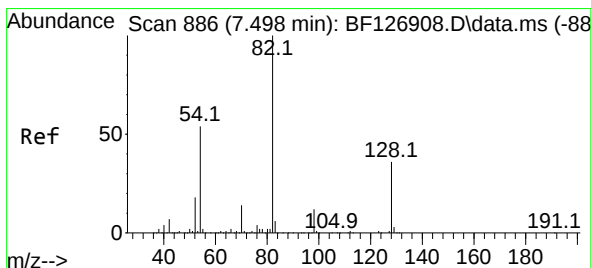
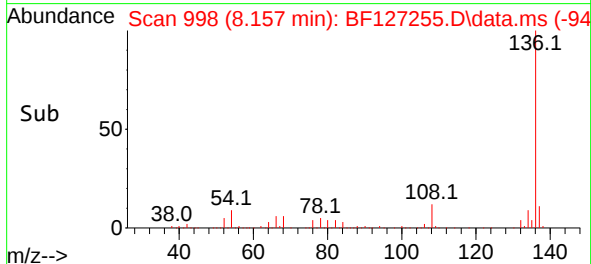
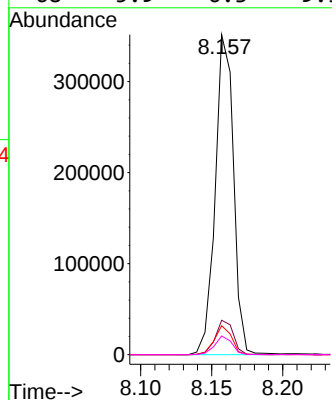
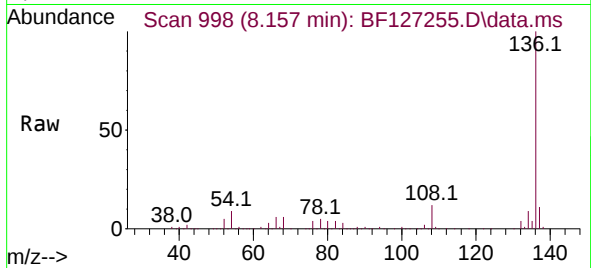




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

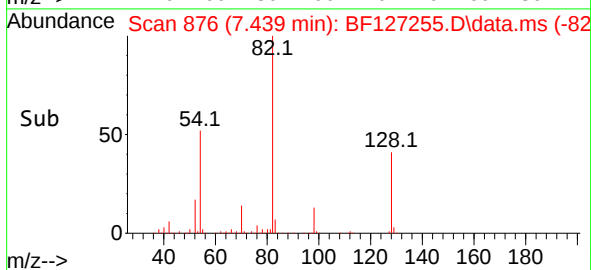
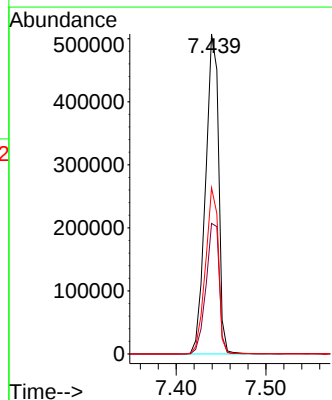
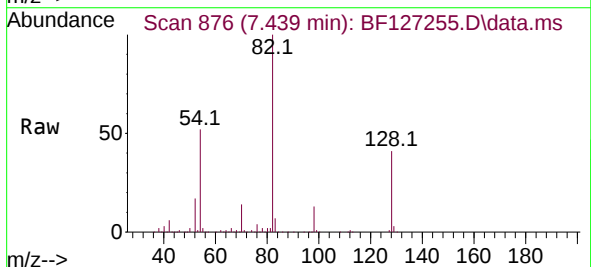
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

Tgt Ion:136 Resp: 314381
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 73.738 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

Tgt Ion: 82 Resp: 513583
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 51.9 41.7 62.5

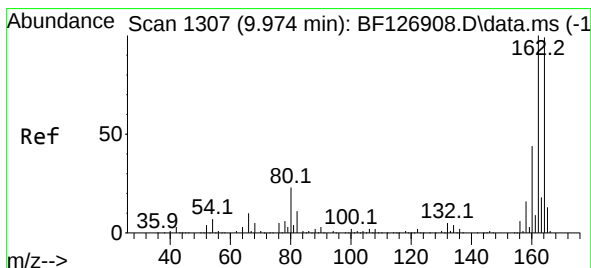
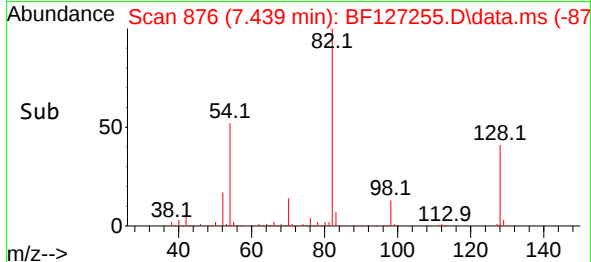
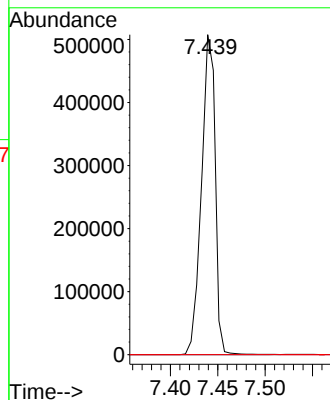
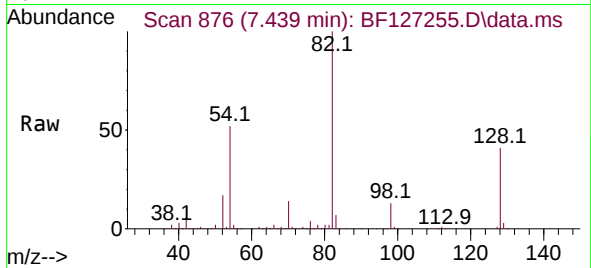




#25
Isophorone
Concen: 44.561 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

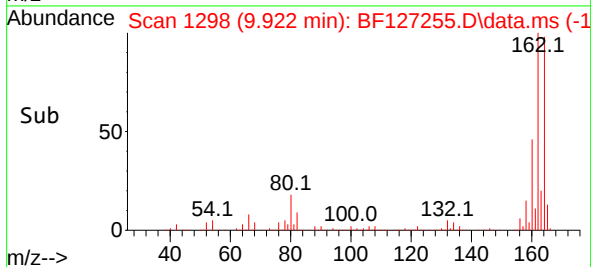
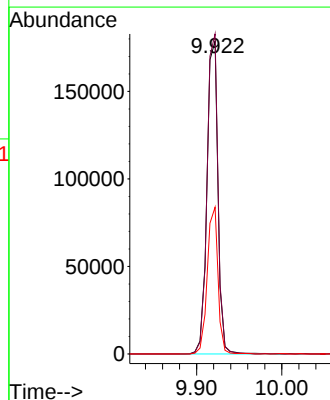
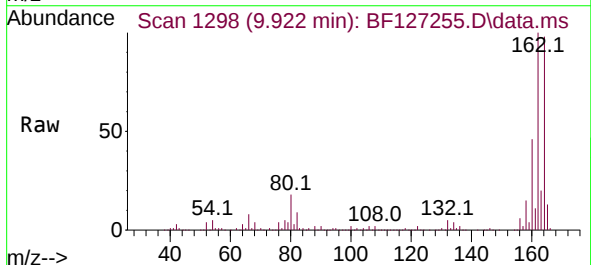
Instrument :
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ClientSampleId :
23-24-SAMPLE-LOCATION-12

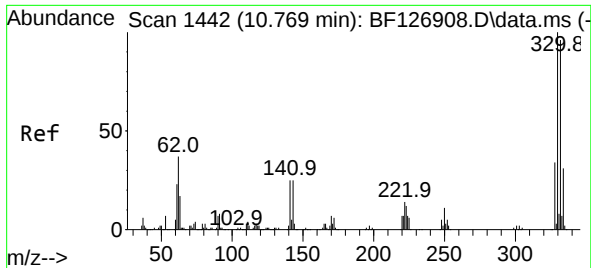
Tgt Ion: 82 Resp: 513578
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

Tgt Ion:164 Resp: 159720
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 46.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 99.613 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127255.D

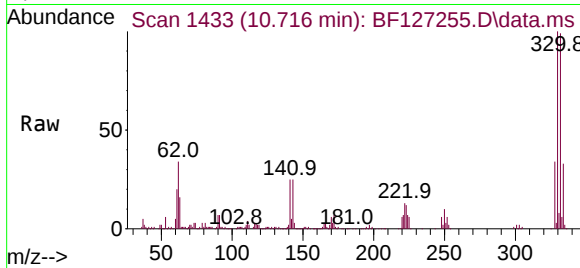
Acq: 08 Mar 2022 13:34

Instrument :

BNA_F

ClientSampleId :

23-24-SAMPLE-LOCATION-12



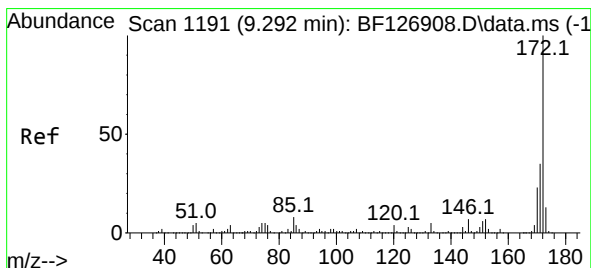
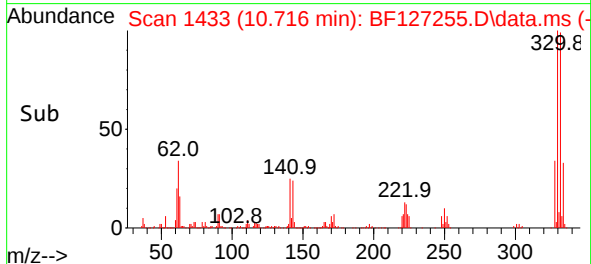
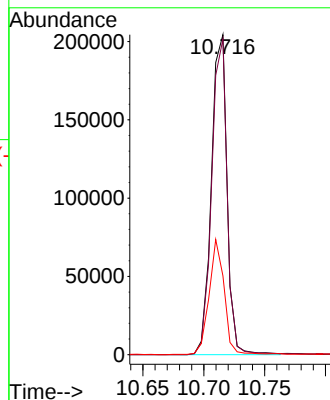
Tgt Ion:330 Resp: 183184

Ion Ratio Lower Upper

330 100

332 97.7 76.0 114.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.504 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127255.D

Acq: 08 Mar 2022 13:34

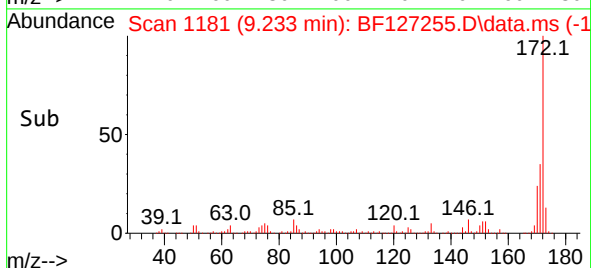
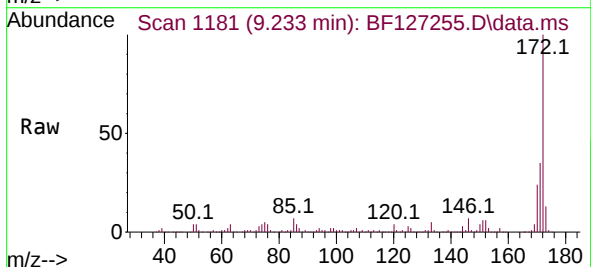
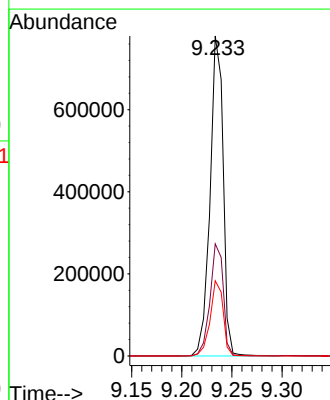
Tgt Ion:172 Resp: 710682

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.972 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127255.D

Acq: 08 Mar 2022 13:34

Instrument :

BNA_F

ClientSampleId :

23-24-SAMPLE-LOCATION-12

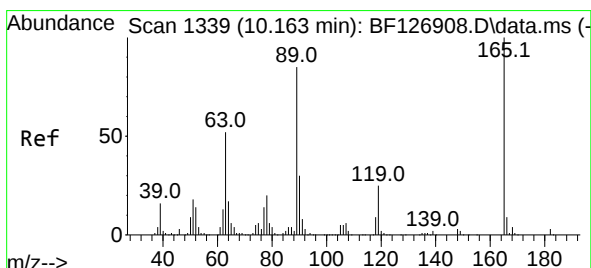
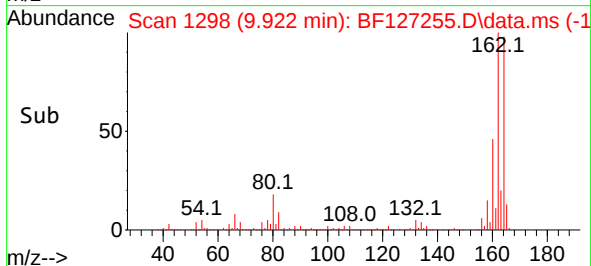
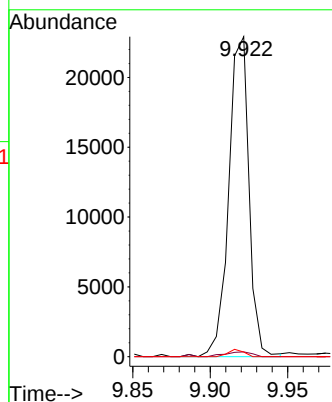
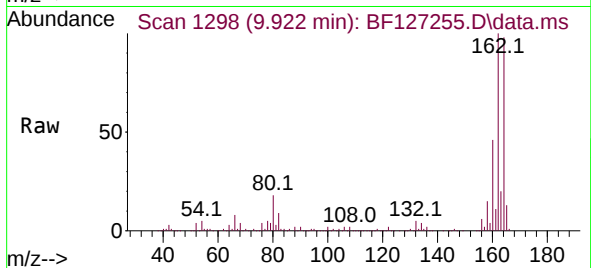
Tgt Ion:165 Resp: 20839

Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.635 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.194 min

Lab File: BF127255.D

Acq: 08 Mar 2022 13:34

Tgt Ion:165 Resp: 20839

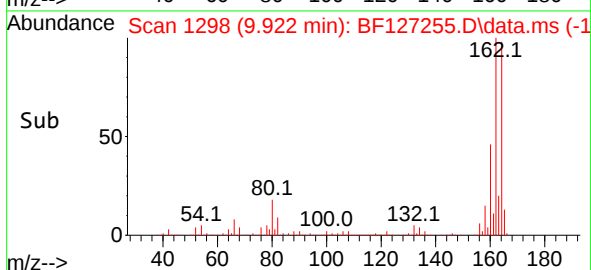
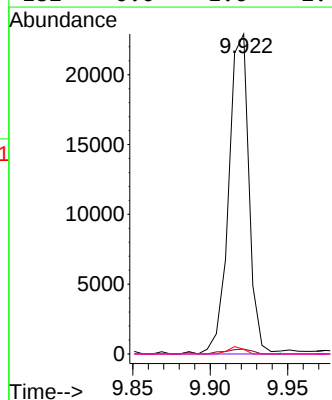
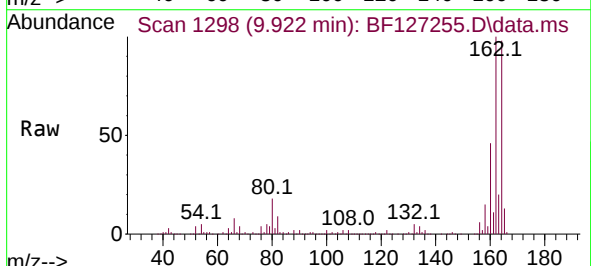
Ion Ratio Lower Upper

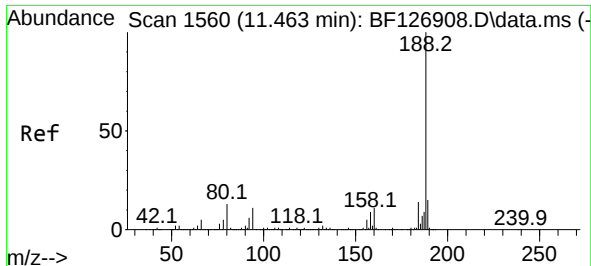
165 100

63 1.5 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

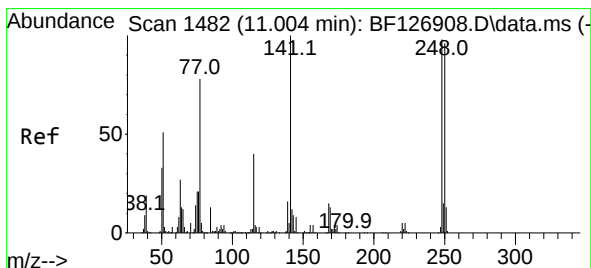
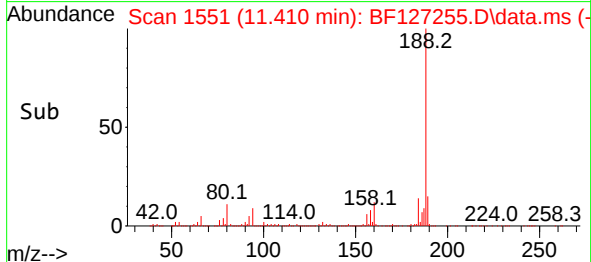
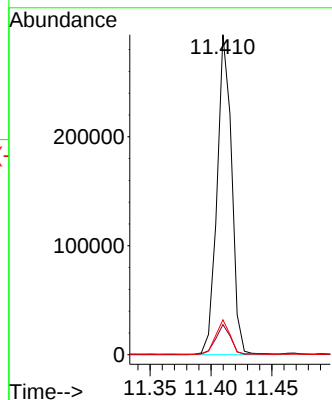
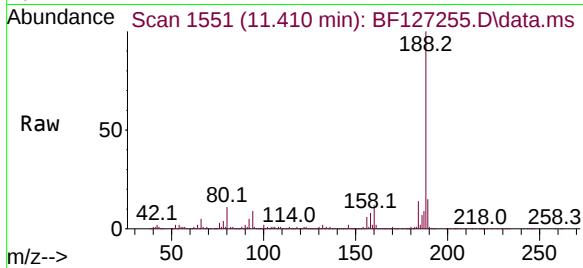




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

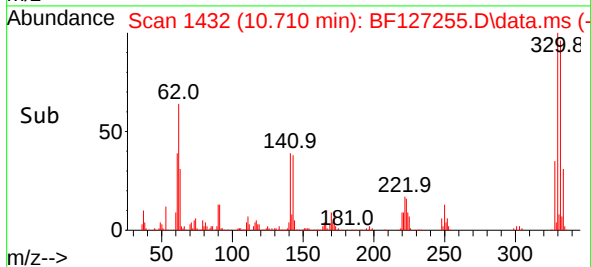
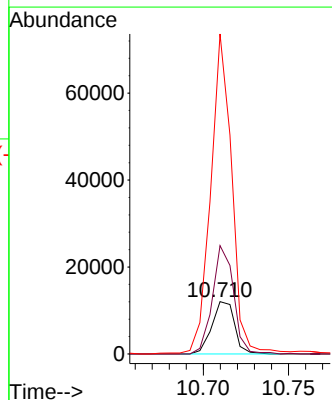
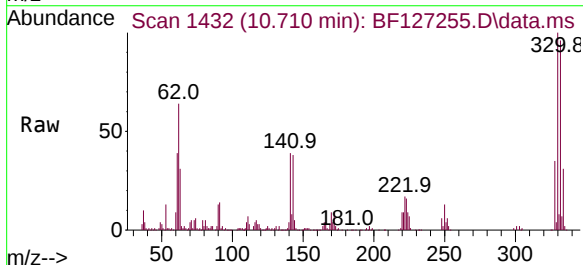
Instrument :
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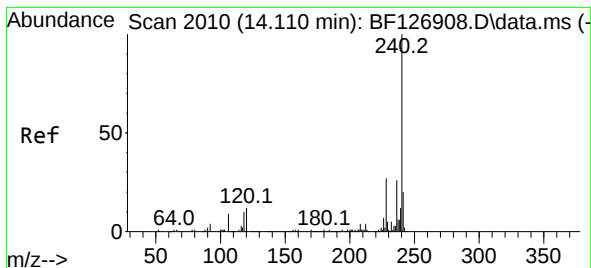
Tgt Ion:188 Resp: 246524
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF127255.D
Acq: 08 Mar 2022 13:34

Tgt Ion:248 Resp: 11152
Ion Ratio Lower Upper
248 100
250 207.1 76.2 114.4#
141 611.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127255.D

Acq: 08 Mar 2022 13:34

Instrument :

BNA_F

ClientSampleId :

23-24-SAMPLE-LOCATION-12

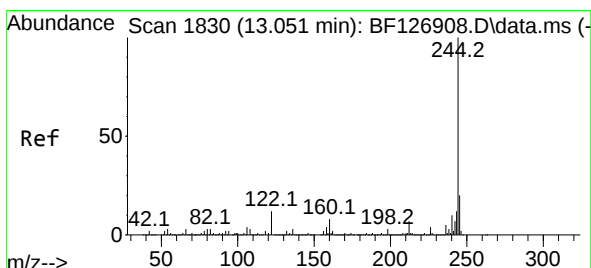
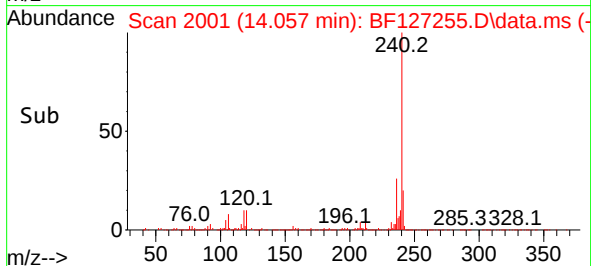
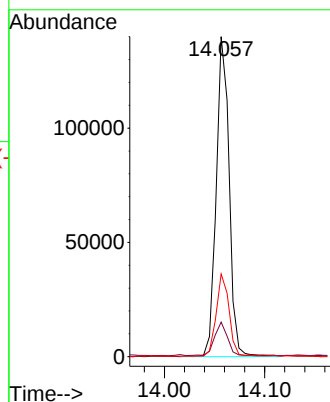
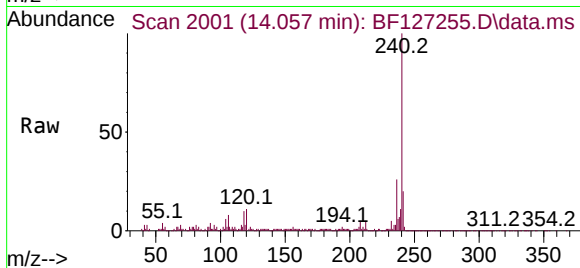
Tgt Ion:240 Resp: 125485

Ion Ratio Lower Upper

240 100

120 10.8 14.4 21.6#

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 58.857 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.000 min

Lab File: BF127255.D

Acq: 08 Mar 2022 13:34

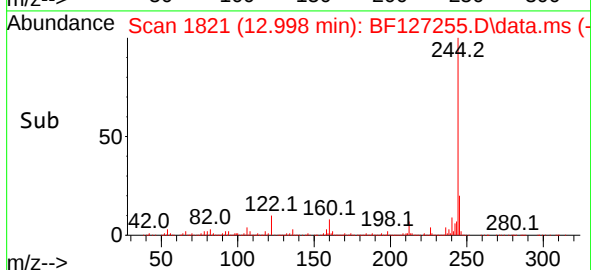
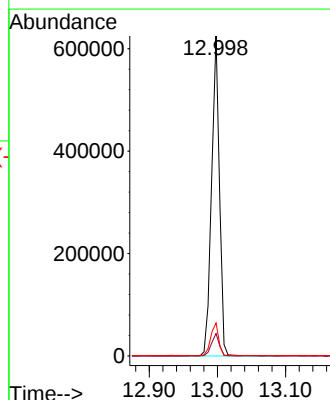
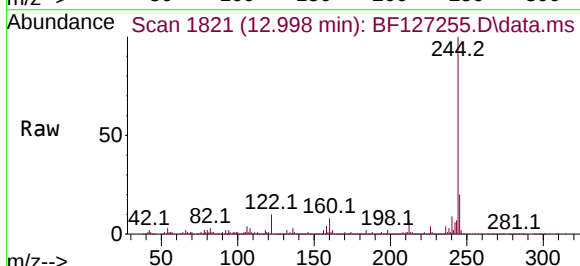
Tgt Ion:244 Resp: 502412

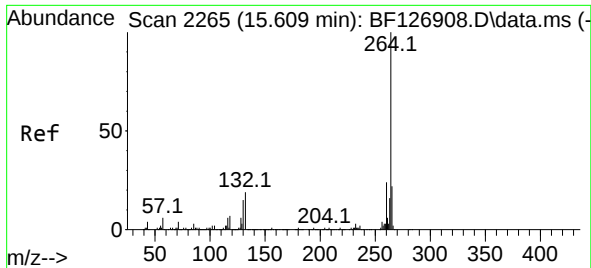
Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

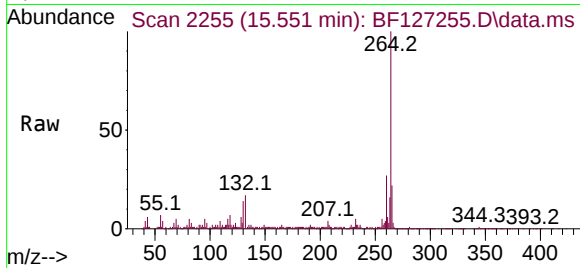
122 10.3 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127255.D
 Acq: 08 Mar 2022 13:34

Instrument :
 BNA_F
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12



Tgt Ion:264 Resp: 135869
 Ion Ratio Lower Upper
 264 100
 260 26.6 19.2 28.8
 265 22.3 17.4 26.2

