

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127233.D
 Acq On : 07 Mar 2022 21:21
 Operator : CG\JU
 Sample : N1730-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 08 00:04:04 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)

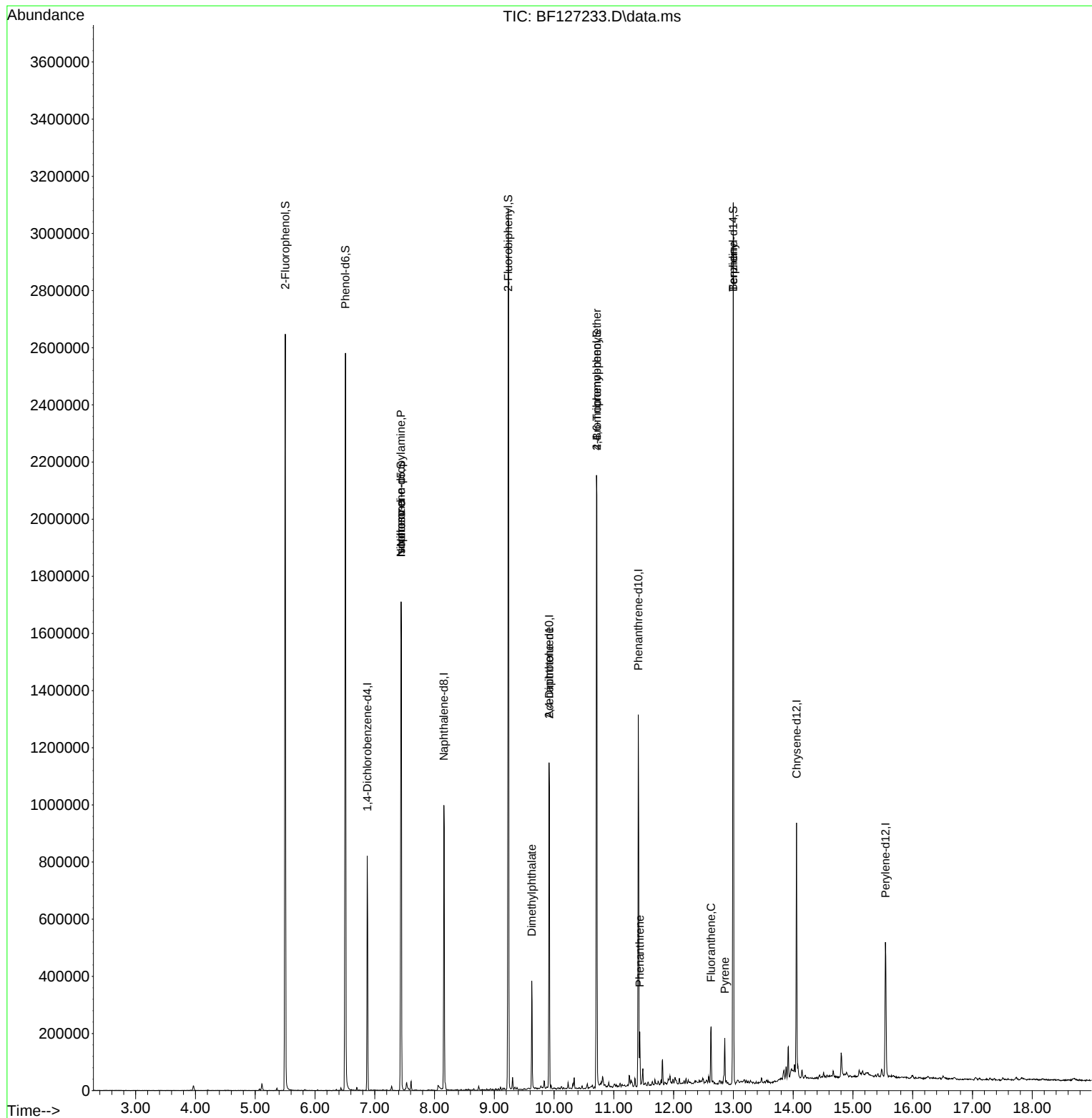
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106020	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	227484	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	408692	20.000	ng	0.00
76) Chrysene-d12	14.057	240	260486	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	196531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	667720	97.341	ng	0.00
7) Phenol-d6	6.510	99	882940	95.391	ng	0.00
23) Nitrobenzene-d5	7.439	82	605612	62.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	275552	105.206	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	921883	59.659	ng	0.00
79) Terphenyl-d14	12.998	244	1005960	56.771	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	82549	13.841	ng	# 76
25) Isophorone	7.439	82	605707	37.663	ng	# 69
50) Dimethylphthalate	9.628	163	130098	8.001	ng	# 98
57) 2,4-Dinitrotoluene	9.916	165	28519	6.376	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	16309	3.572	ng	# 1
71) Phenanthrene	11.433	178	54960	2.403	ng	96
75) Fluoranthene	12.627	202	72106	3.320	ng	95
77) Benzidine	12.998	184	14575	2.059	ng	# 91
78) Pyrene	12.857	202	55849	2.468	ng	99

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

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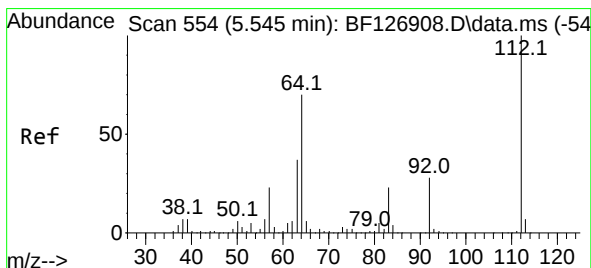
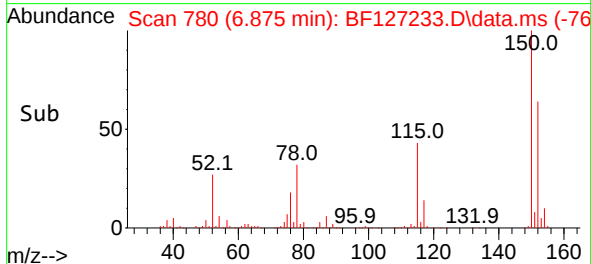
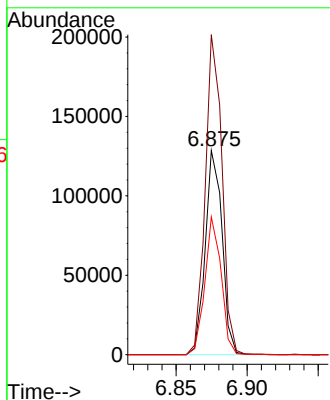
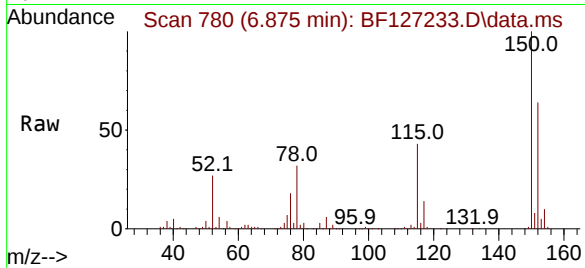




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127233.D
 Acq: 07 Mar 2022 21:21

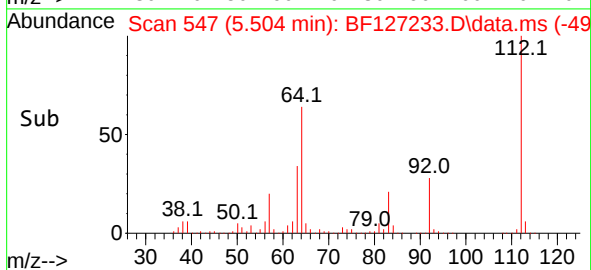
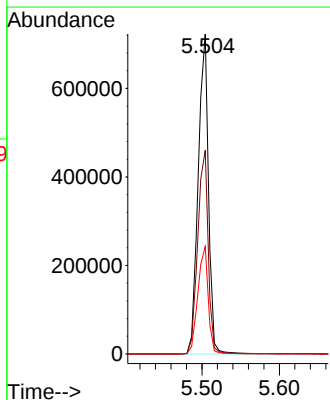
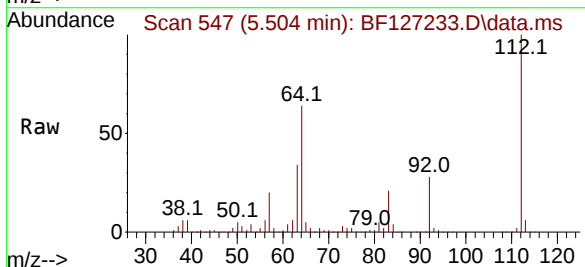
Instrument :
 BNA_F
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Tgt Ion:152 Resp: 106020
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.1 192.1
 115 67.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 97.341 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127233.D
 Acq: 07 Mar 2022 21:21

Tgt Ion:112 Resp: 667720
 Ion Ratio Lower Upper
 112 100
 64 63.7 49.5 74.3
 63 33.5 23.9 35.9

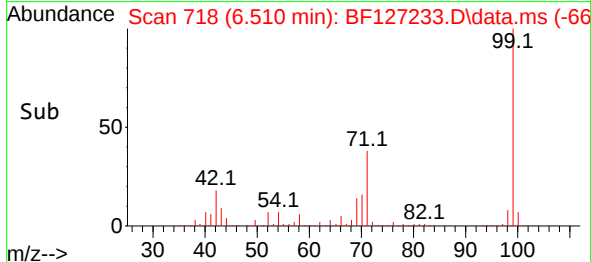
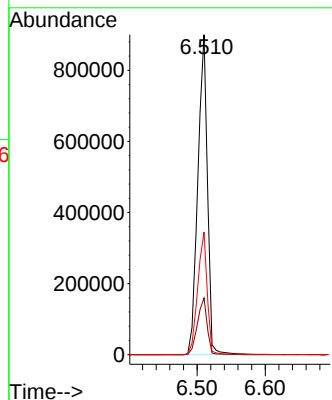
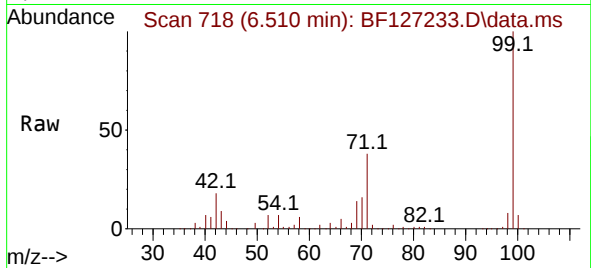




#7
Phenol-d6
Concen: 95.391 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

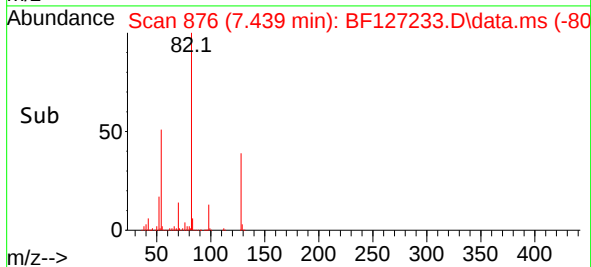
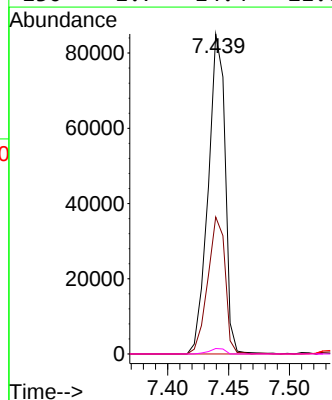
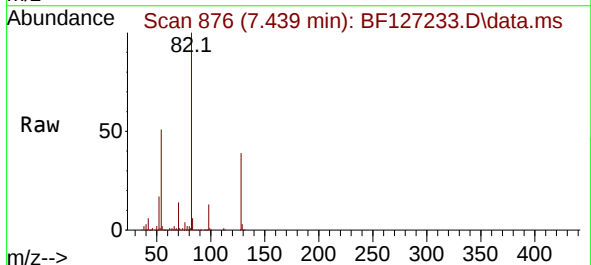
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BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

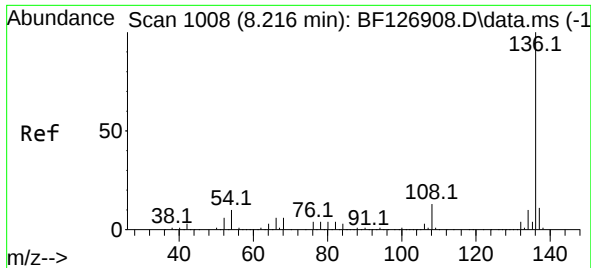
Tgt Ion: 99 Resp: 882940
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 38.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.841 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion: 70 Resp: 82549
Ion Ratio Lower Upper
70 100
42 42.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

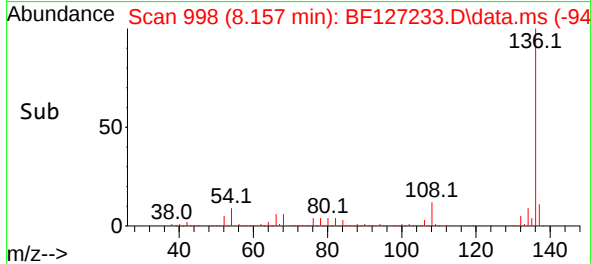
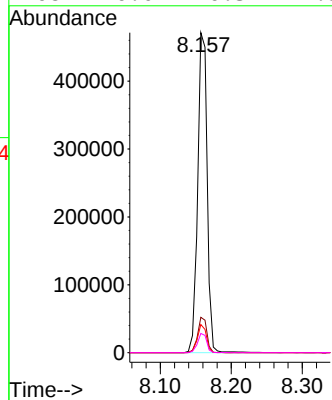
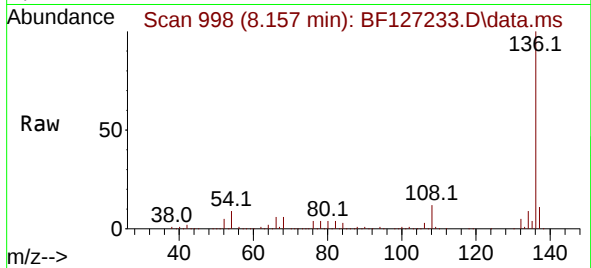




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

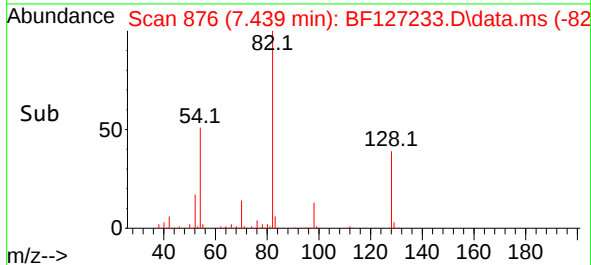
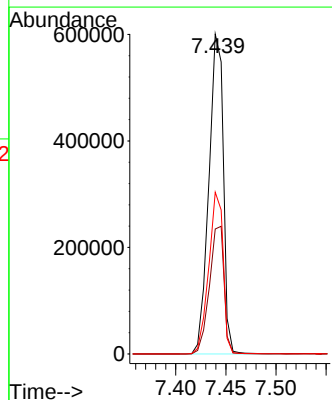
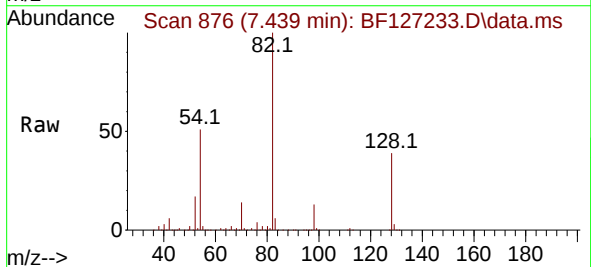
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

Tgt Ion:136 Resp: 438692
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 62.312 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion: 82 Resp: 605612
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 50.6 41.7 62.5

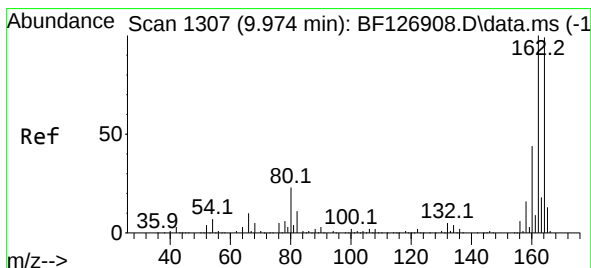
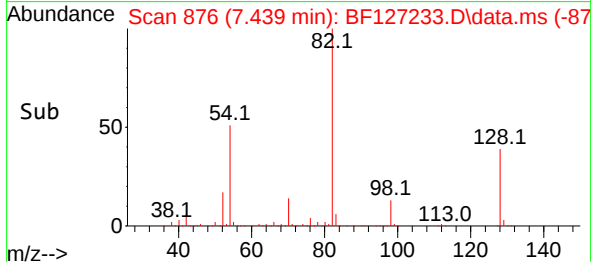
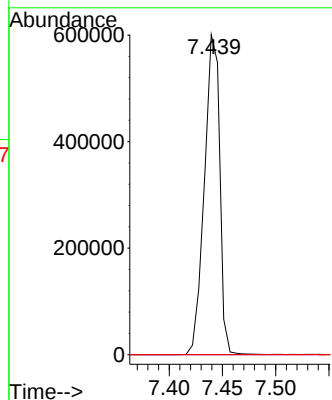
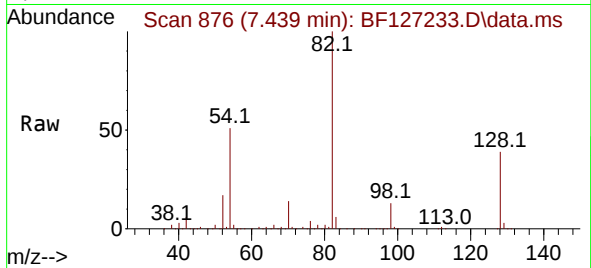




#25
Isophorone
Concen: 37.663 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

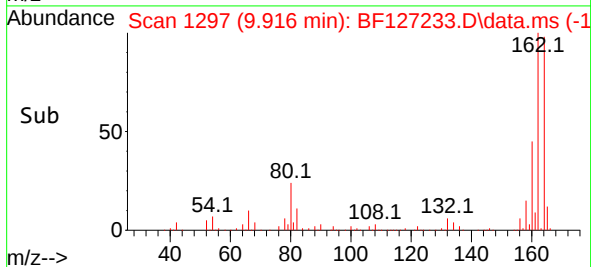
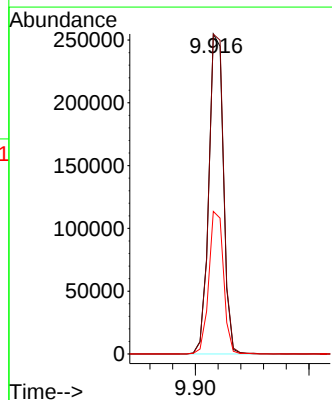
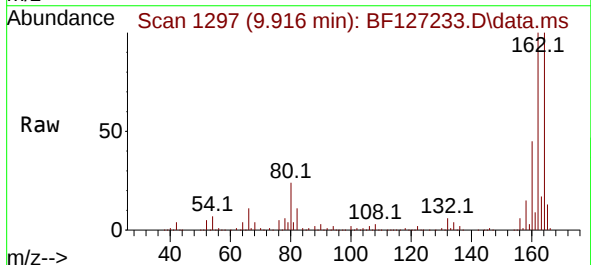
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

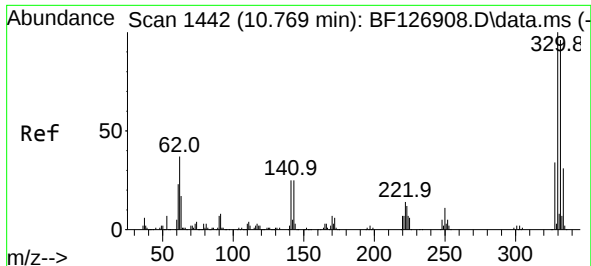
Tgt Ion: 82 Resp: 605707
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:164 Resp: 227484
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 105.206 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127233.D

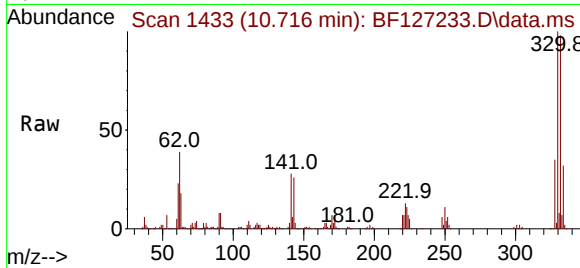
Acq: 07 Mar 2022 21:21

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14



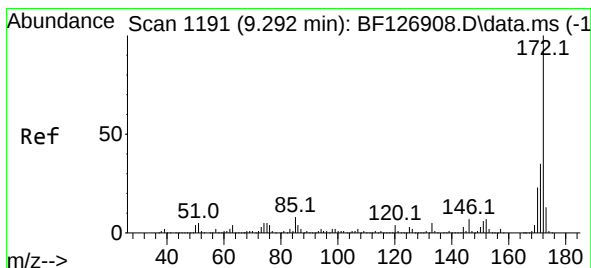
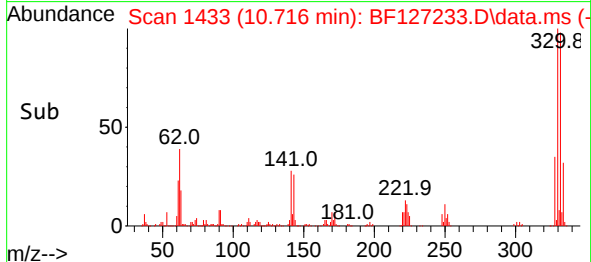
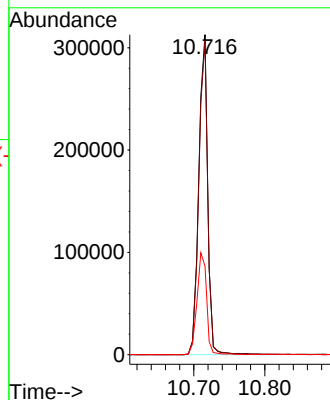
Tgt Ion:330 Resp: 275552

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.659 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

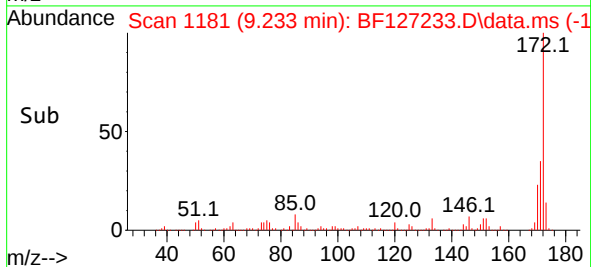
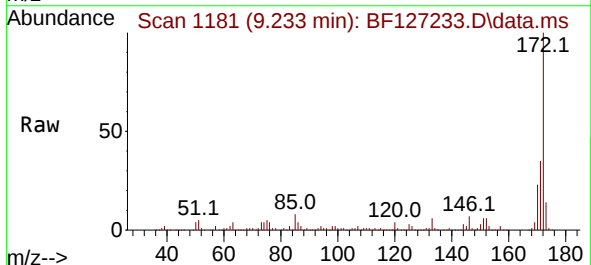
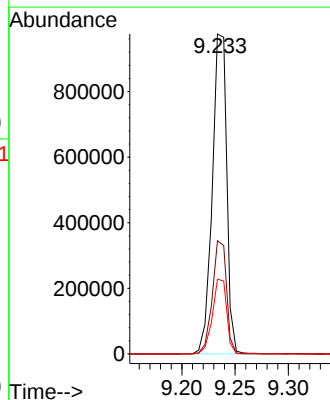
Tgt Ion:172 Resp: 921883

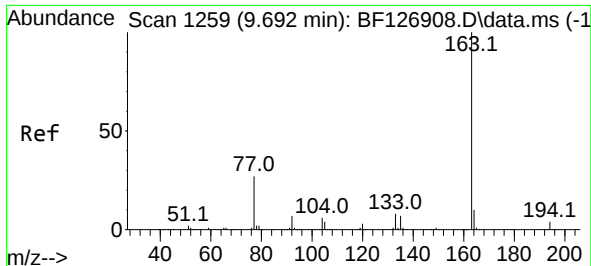
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 19.0 28.6

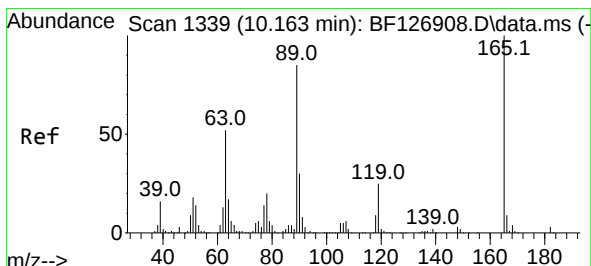
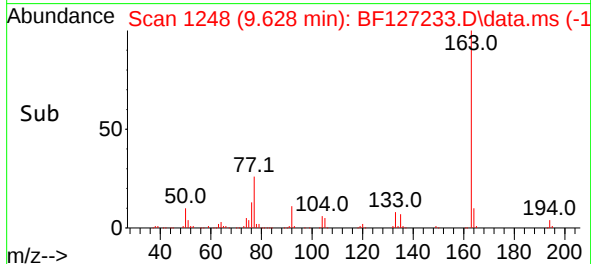
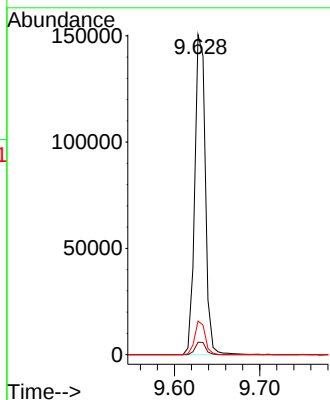
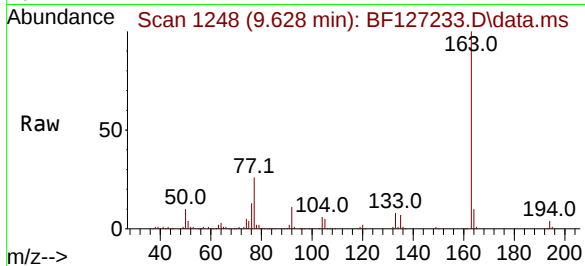




#50
Dimethylphthalate
Concen: 8.001 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

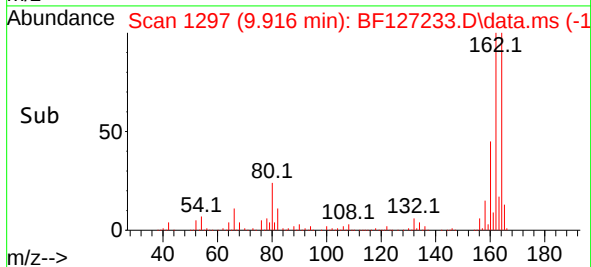
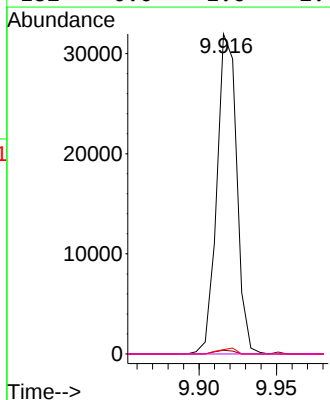
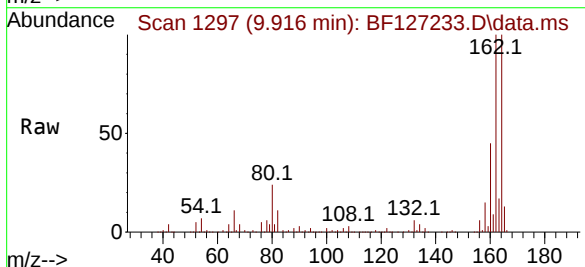
Instrument : BNA_F
ClientSampleId : 27-28-SAMPLE-LOCATION-14

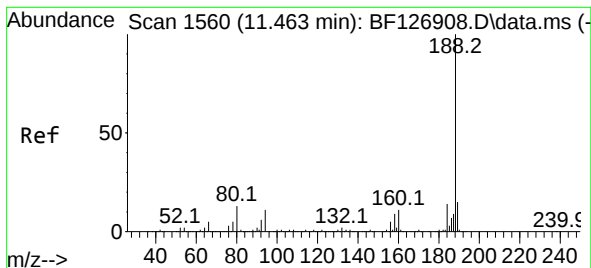
Tgt Ion:163 Resp: 130098
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.5 7.8 11.8



#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:165 Resp: 28519
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14

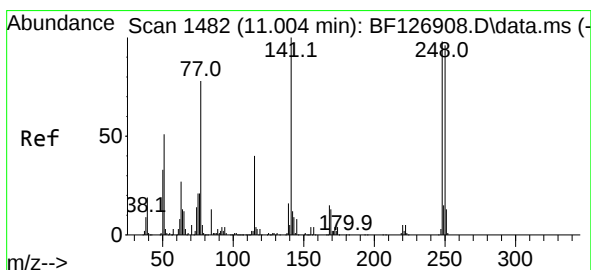
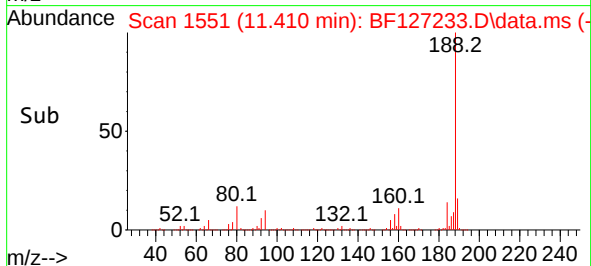
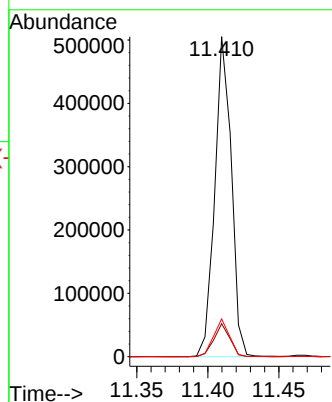
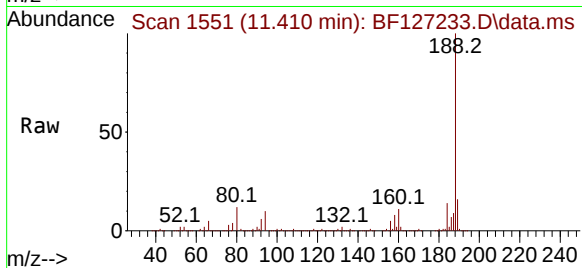
Tgt Ion:188 Resp: 408692

Ion Ratio Lower Upper

188 100

94 10.3 10.1 15.1

80 11.8 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.572 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

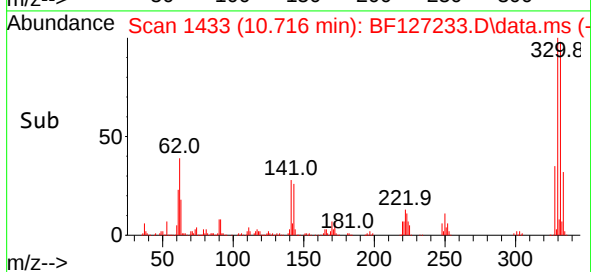
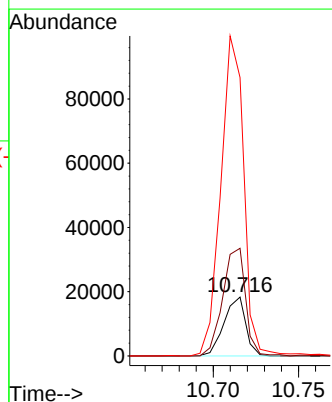
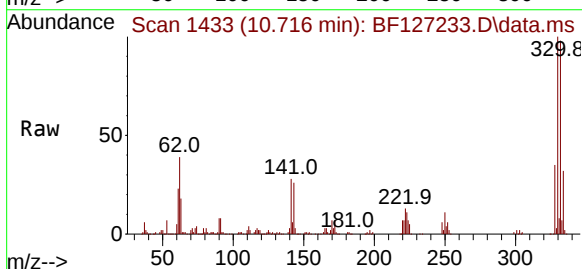
Tgt Ion:248 Resp: 16309

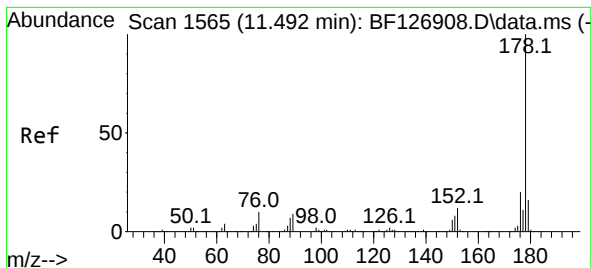
Ion Ratio Lower Upper

248 100

250 182.7 76.2 114.4#

141 472.3 66.2 99.4#





#71

Phenanthrene

Concen: 2.403 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14

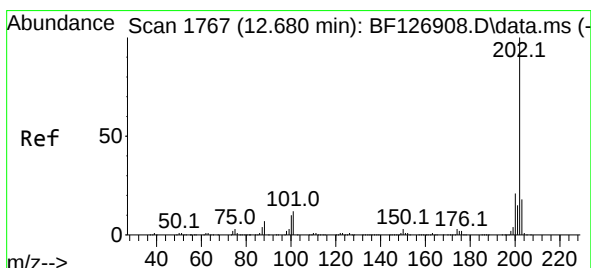
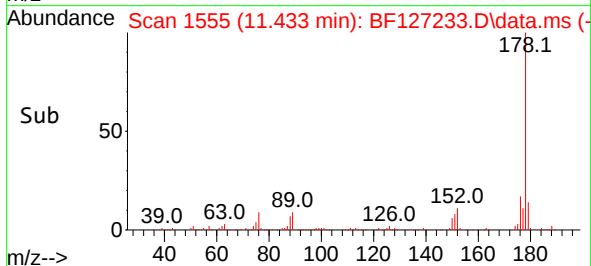
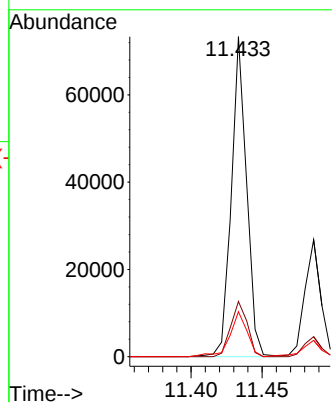
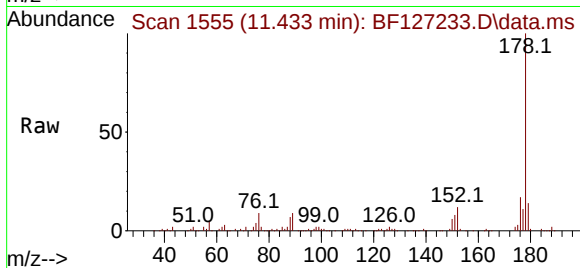
Tgt Ion:178 Resp: 54960

Ion Ratio Lower Upper

178 100

176 17.2 15.7 23.5

179 14.1 12.3 18.5



#75

Fluoranthene

Concen: 3.320 ng

RT: 12.627 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

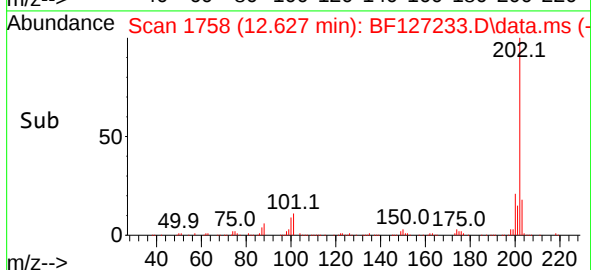
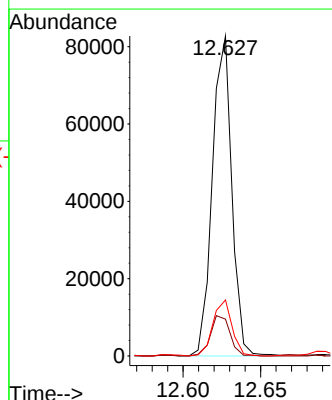
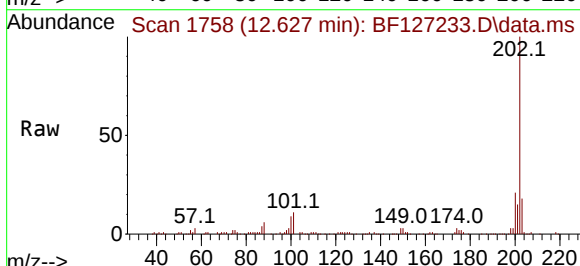
Tgt Ion:202 Resp: 72106

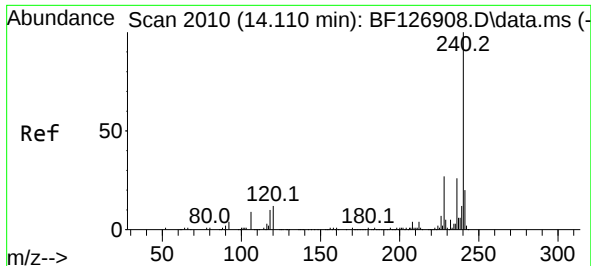
Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.7

203 17.5 0.0 37.1

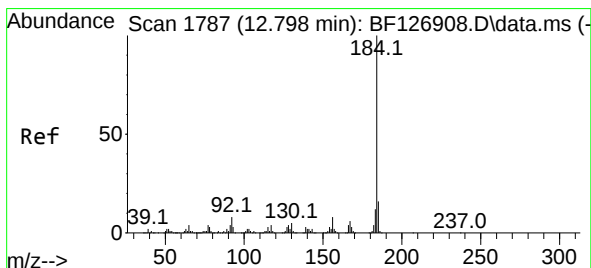
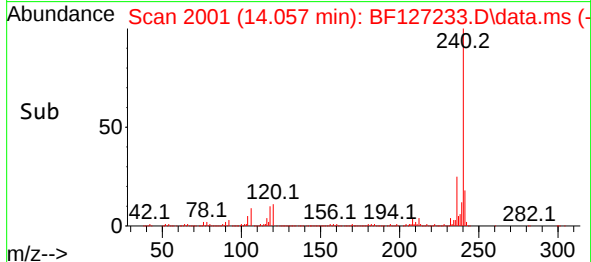
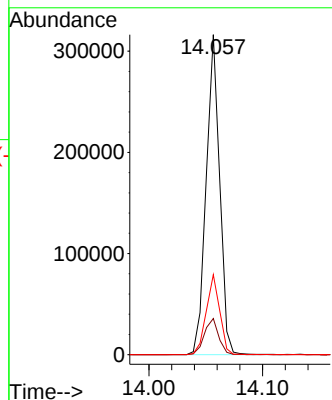
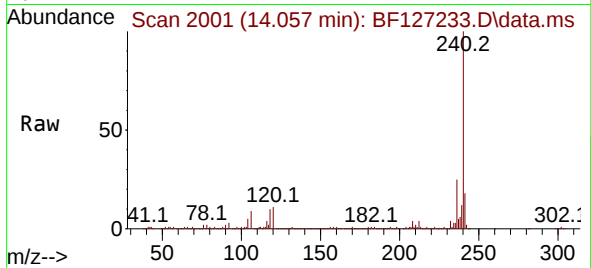




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

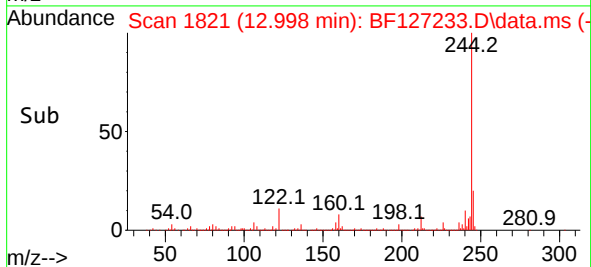
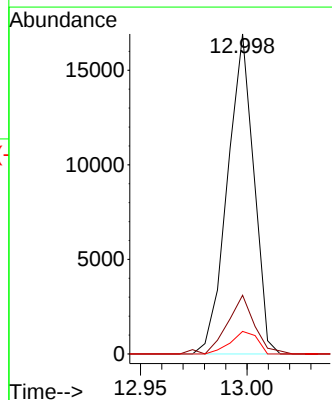
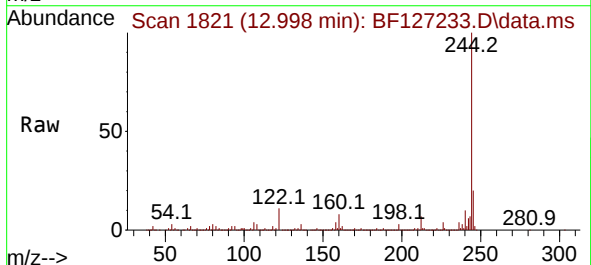
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

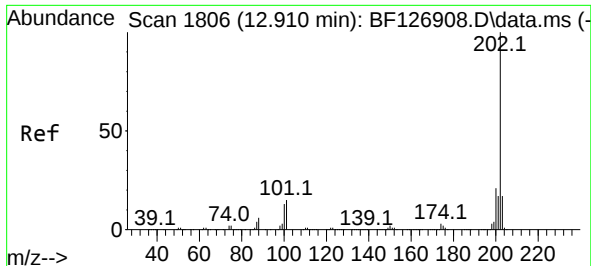
Tgt Ion:240 Resp: 260486
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.0 20.5 30.7



#77
Benzidine
Concen: 2.059 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:184 Resp: 14575
Ion Ratio Lower Upper
184 100
185 18.4 11.8 17.8#
183 7.0 8.2 12.2#

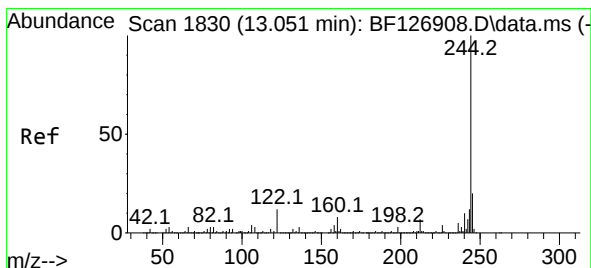
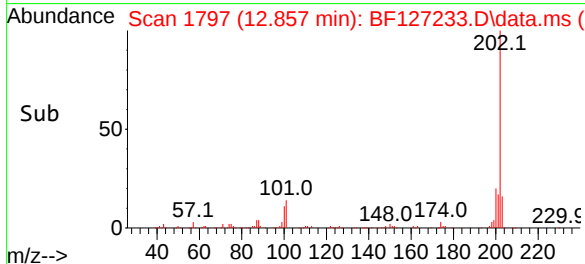
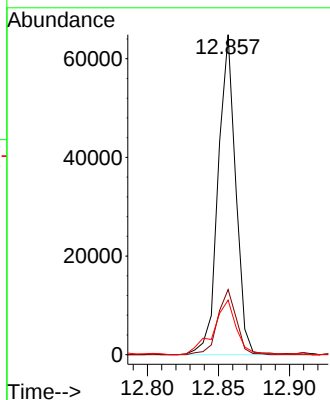
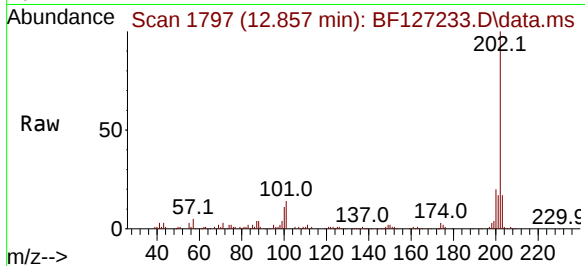




#78
Pyrene
Concen: 2.468 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

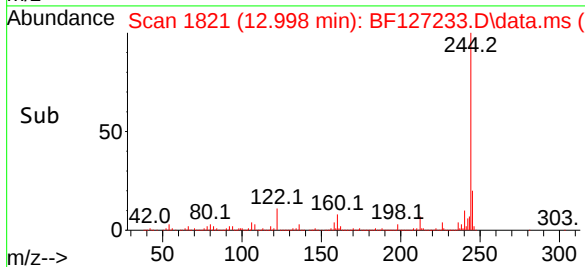
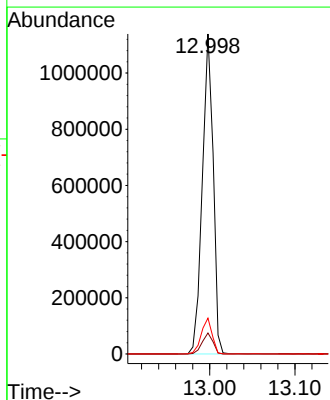
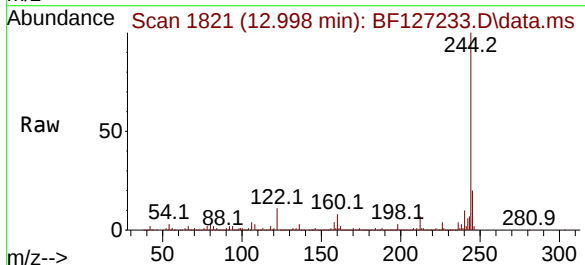
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

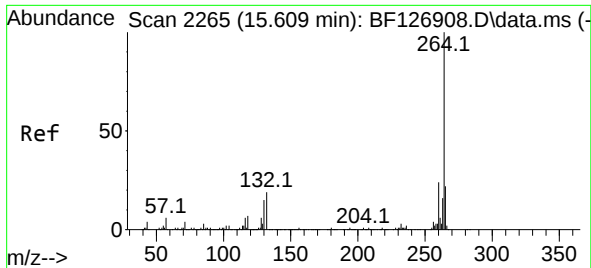
Tgt Ion:202 Resp: 55849
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.0 13.8 20.8



#79
Terphenyl-d14
Concen: 56.771 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

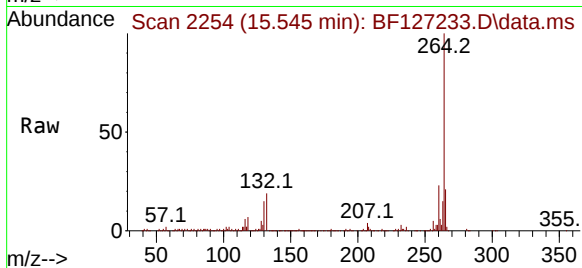
Tgt Ion:244 Resp: 1005960
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14



Tgt Ion:264 Resp: 196531
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.3 17.4 26.2

