

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127247.D
 Acq On : 08 Mar 2022 04:14
 Operator : CG\JU
 Sample : N1808-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-030422

Quant Time: Mar 08 04:38:35 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)

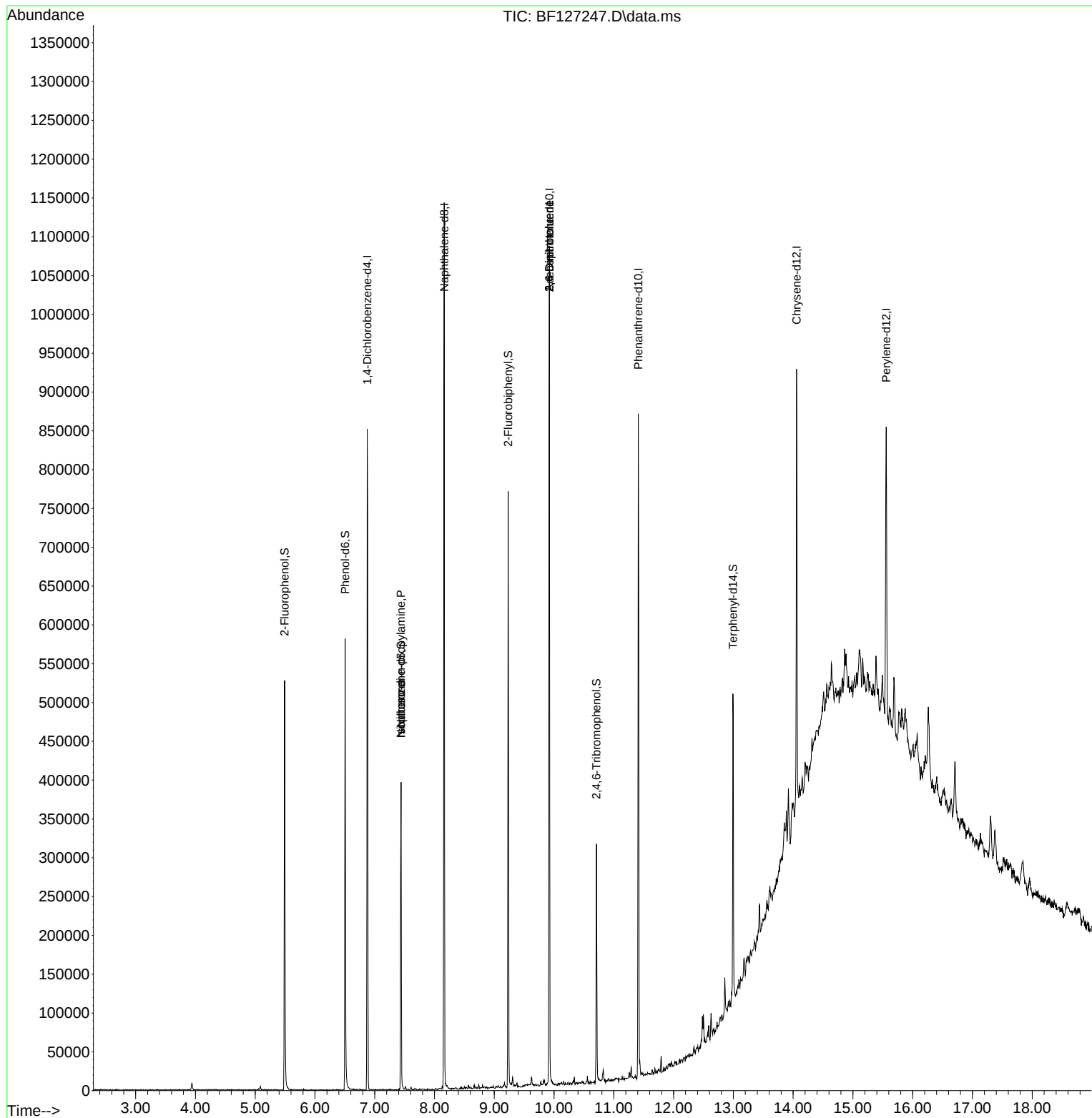
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	116887	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	455215	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	205302	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277779	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	192237	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	142035	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	124450	16.456	ng	0.00
7) Phenol-d6	6.504	99	162255	15.900	ng	-0.01
23) Nitrobenzene-d5	7.440	82	111617	11.067	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	32760	13.859	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	187674	13.458	ng	0.00
79) Terphenyl-d14	12.992	244	134613	10.294	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	15117	2.299	ng	# 76
25) Isophorone	7.440	82	111615	6.688	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	26497	8.875	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	26497	6.564	ng	# 15

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

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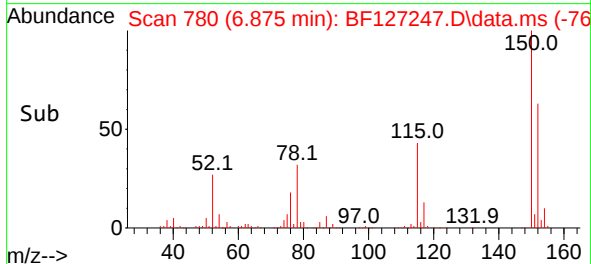
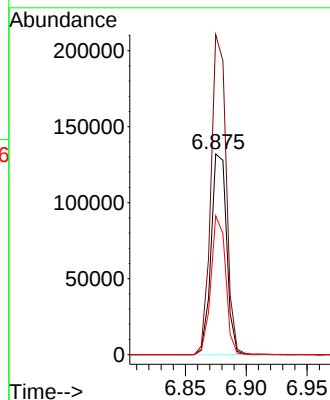
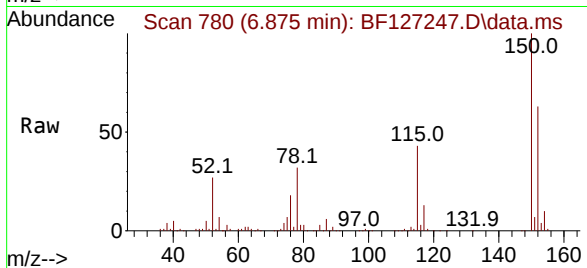




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

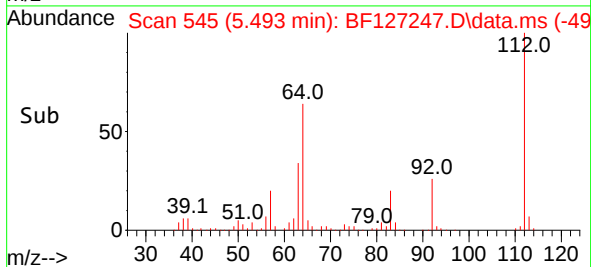
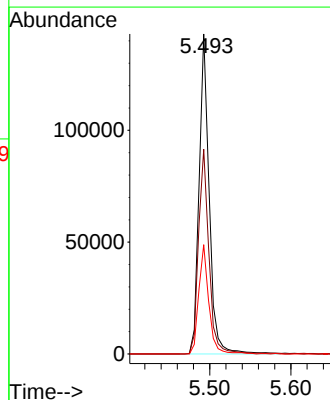
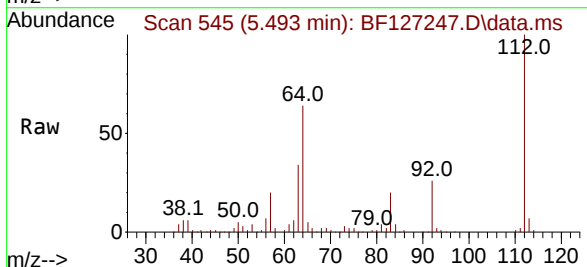
Instrument :
BNA_F
ClientSampleId :
CL-01-030422

Tgt Ion:152 Resp: 116887
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 69.2 56.7 85.1



#5
2-Fluorophenol
Concen: 16.456 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

Tgt Ion:112 Resp: 124450
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 34.1 23.9 35.9

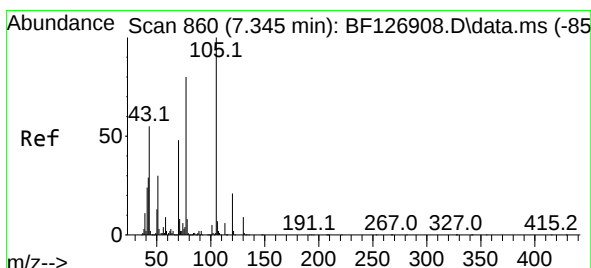
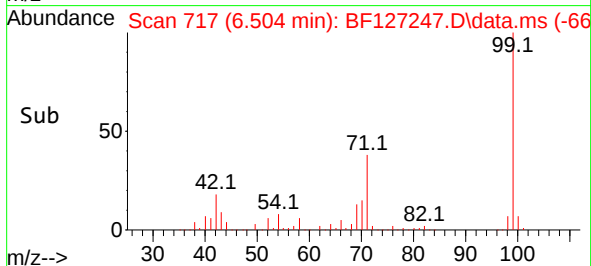
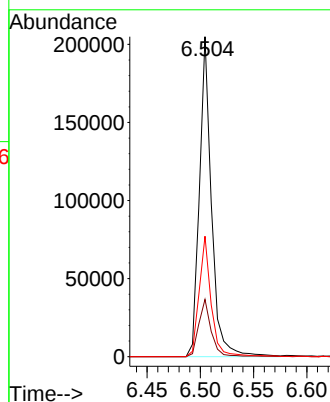
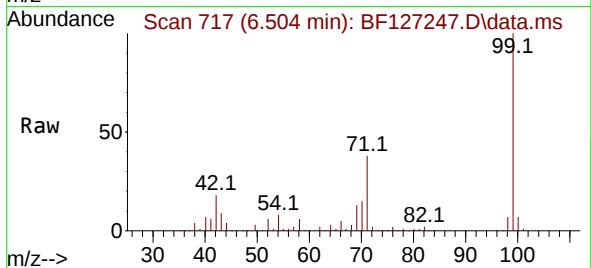




#7
Phenol-d6
Concen: 15.900 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

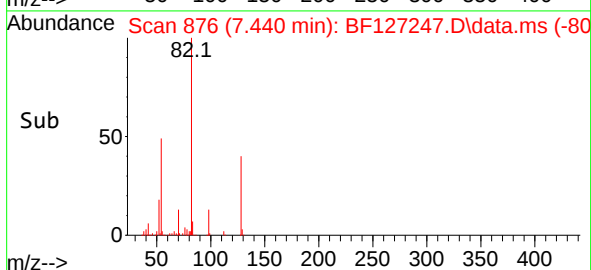
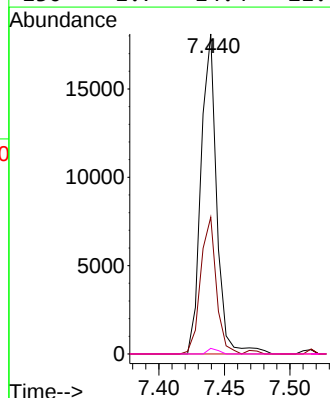
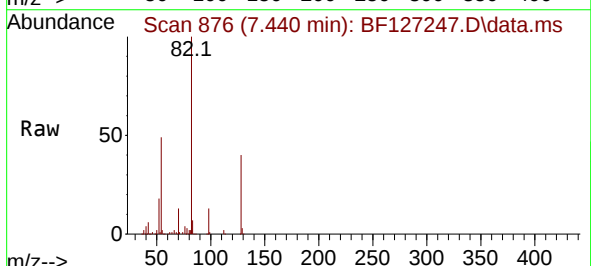
Instrument :
BNA_F
ClientSampleId :
CL-01-030422

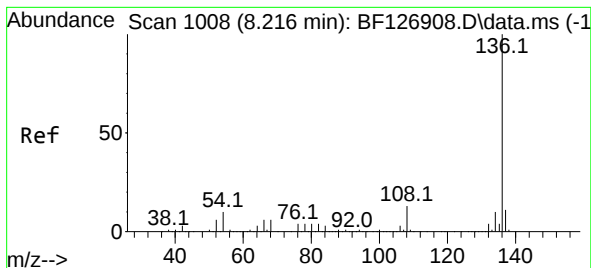
Tgt Ion: 99 Resp: 162255
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 37.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.299 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

Tgt Ion: 70 Resp: 15117
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: 8.163 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127247.D

Acq: 08 Mar 2022 04:14

Instrument :

BNA_F

ClientSampleId :

CL-01-030422

Tgt Ion:136 Resp: 455215

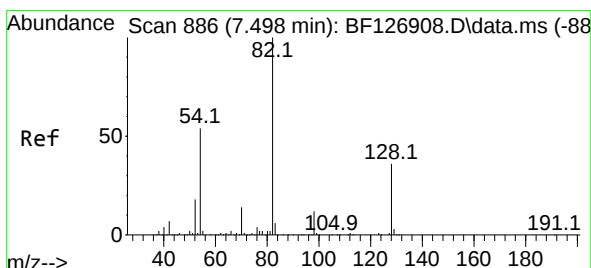
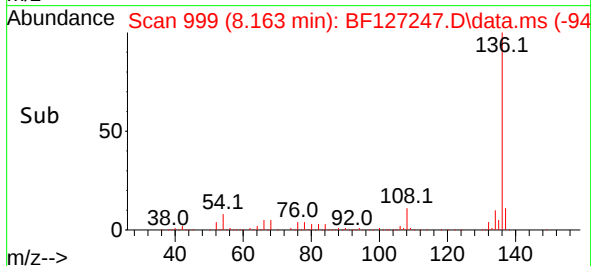
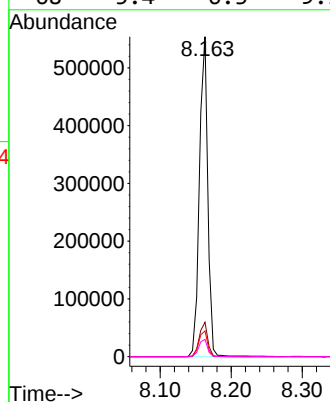
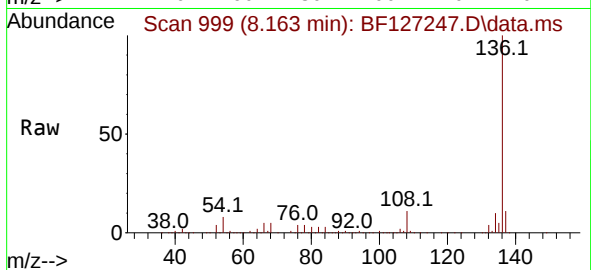
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.1 7.8 11.6

68 5.4 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 11.067 ng

RT: 7.440 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF127247.D

Acq: 08 Mar 2022 04:14

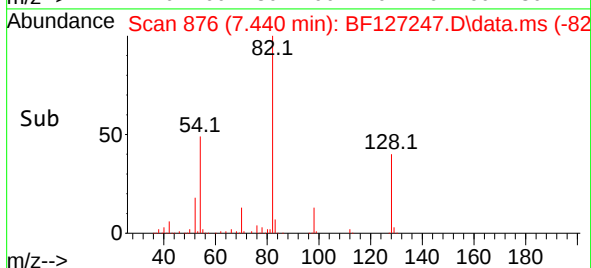
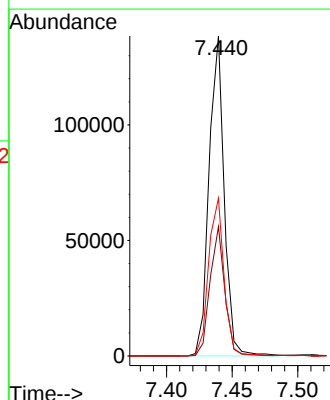
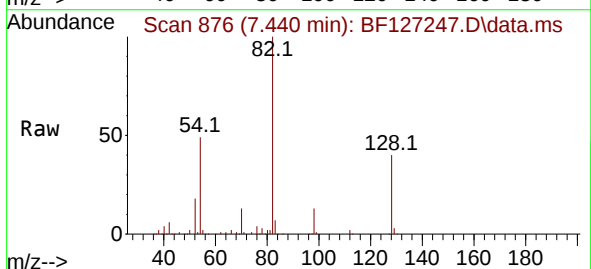
Tgt Ion: 82 Resp: 111617

Ion Ratio Lower Upper

82 100

128 40.4 32.7 49.1

54 49.3 41.7 62.5

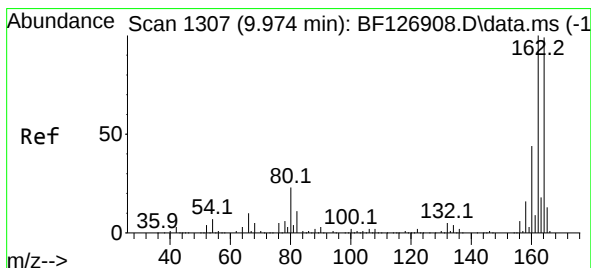
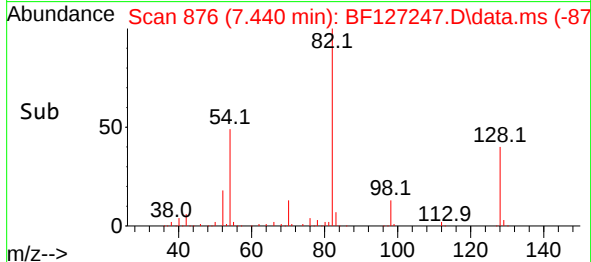
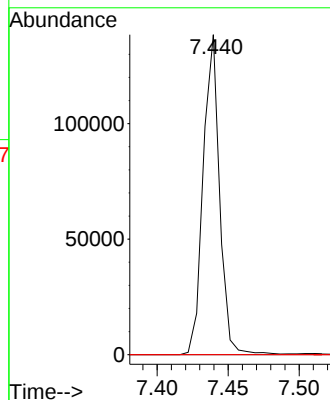
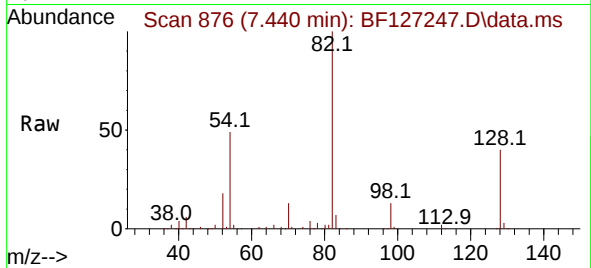




#25
Isophorone
Concen: 6.688 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

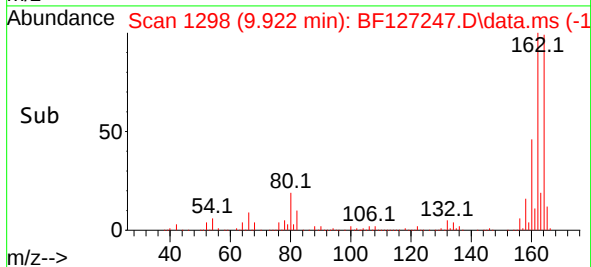
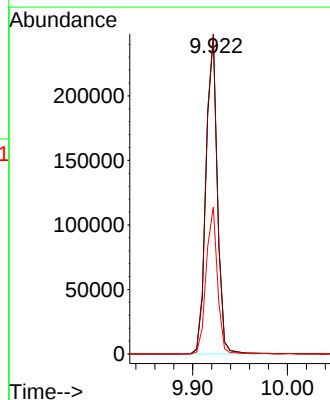
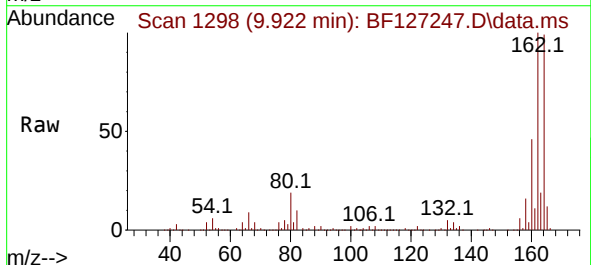
Instrument :
BNA_F
ClientSampleId :
CL-01-030422

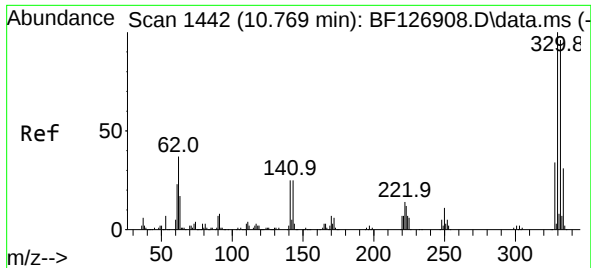
Tgt Ion: 82 Resp: 111615
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

Tgt Ion:164 Resp: 205302
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 13.859 ng

RT: 10.710 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127247.D

Acq: 08 Mar 2022 04:14

Instrument :

BNA_F

ClientSampleId :

CL-01-030422

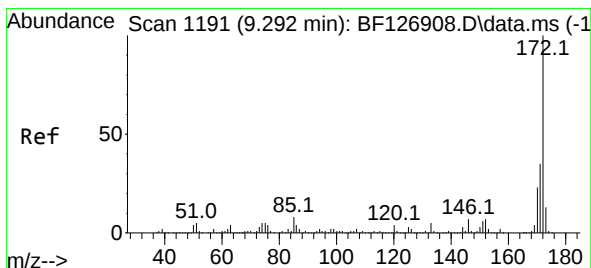
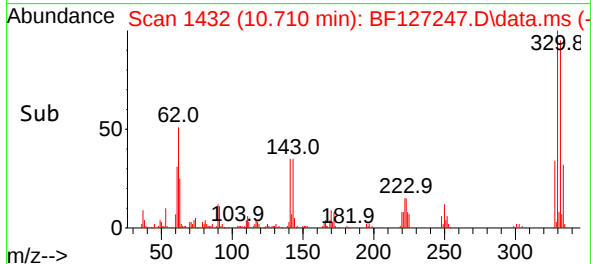
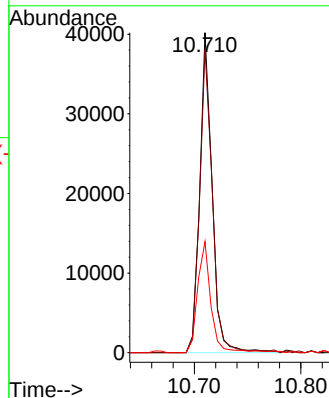
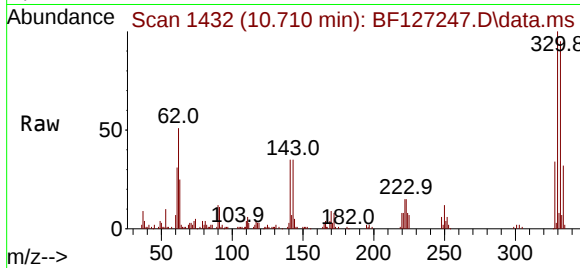
Tgt Ion:330 Resp: 32760

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 37.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 13.458 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127247.D

Acq: 08 Mar 2022 04:14

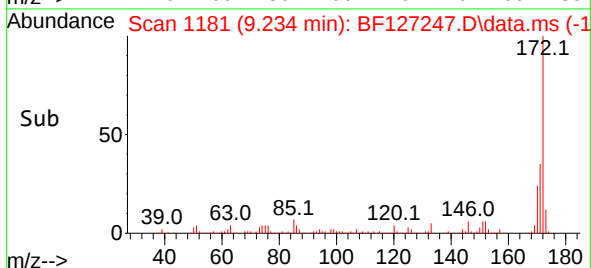
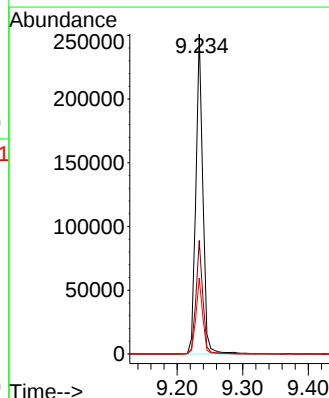
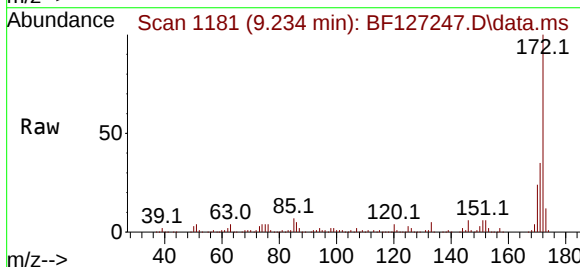
Tgt Ion:172 Resp: 187674

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6

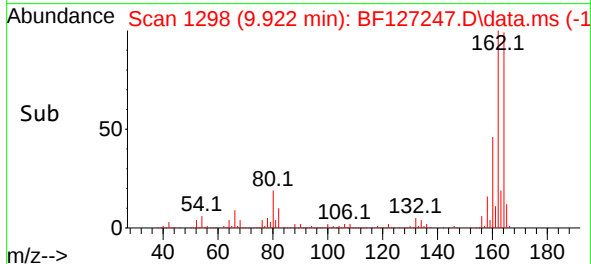
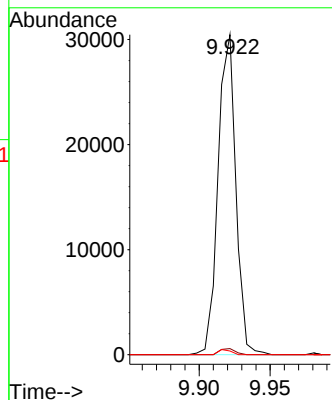
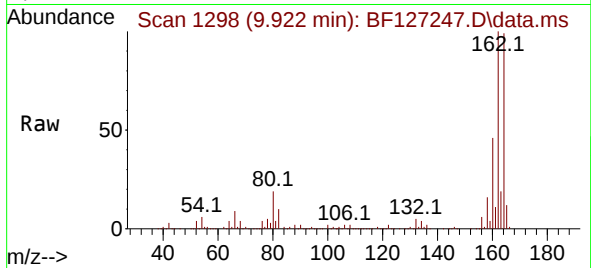




#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

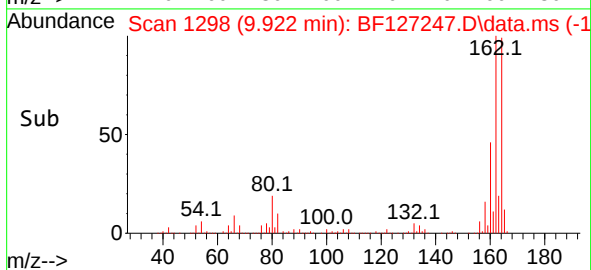
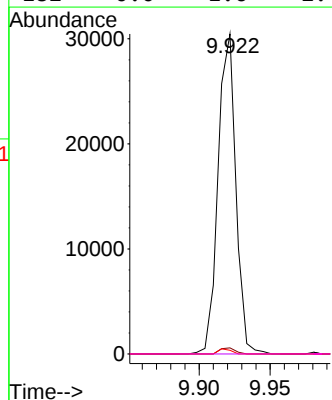
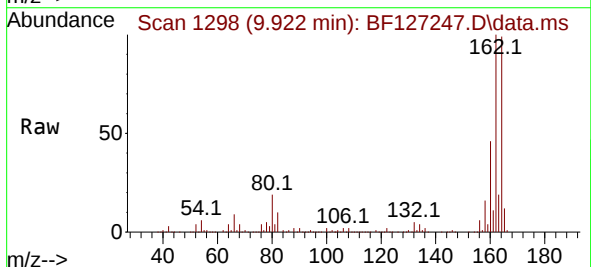
Instrument :
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CL-01-030422

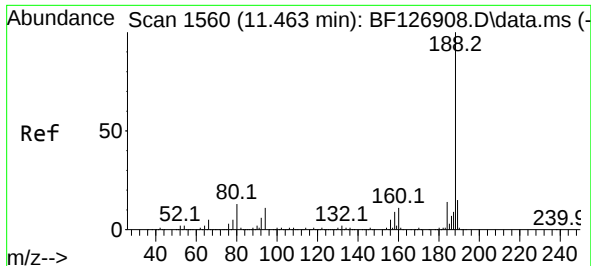
Tgt Ion:165 Resp: 26497
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.564 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

Tgt Ion:165 Resp: 26497
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

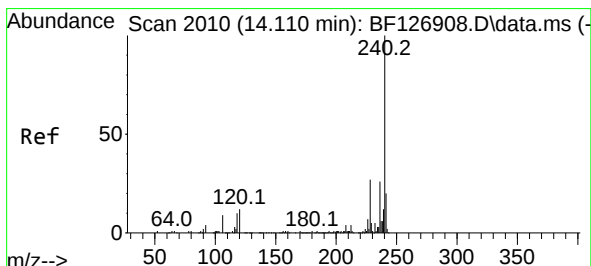
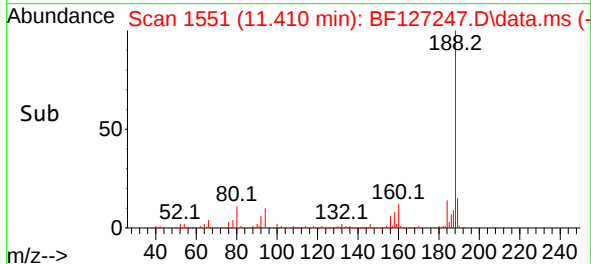
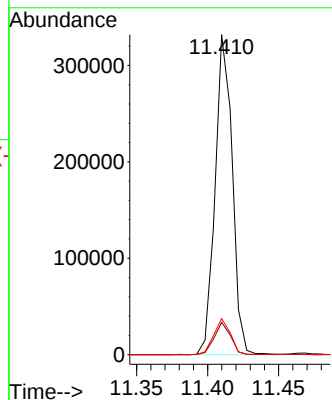
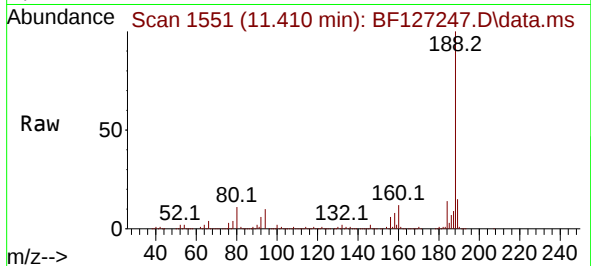




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

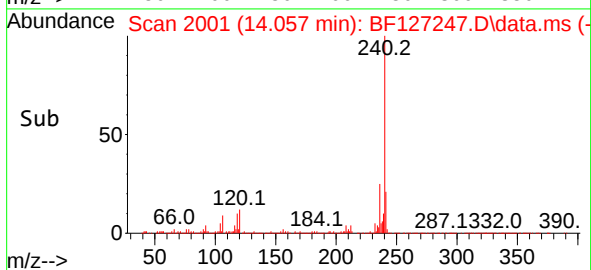
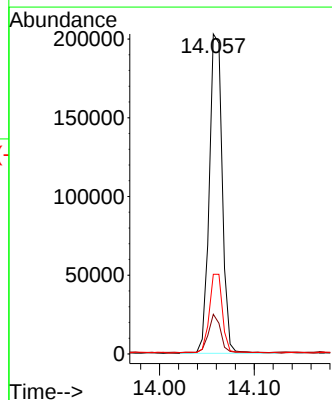
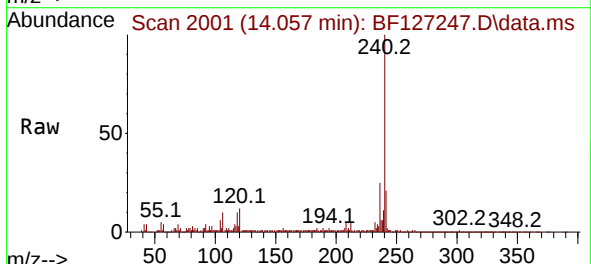
Instrument :
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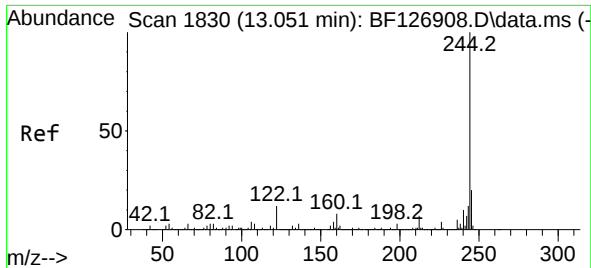
Tgt Ion:188 Resp: 277779
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127247.D
Acq: 08 Mar 2022 04:14

Tgt Ion:240 Resp: 192237
Ion Ratio Lower Upper
240 100
120 12.4 14.4 21.6#
236 24.9 20.5 30.7

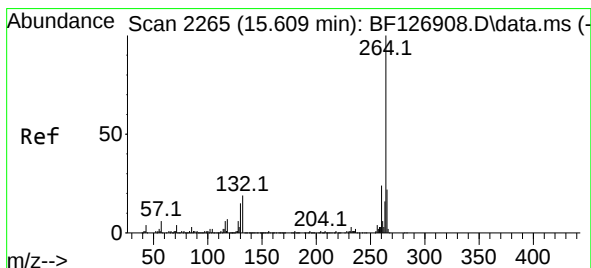
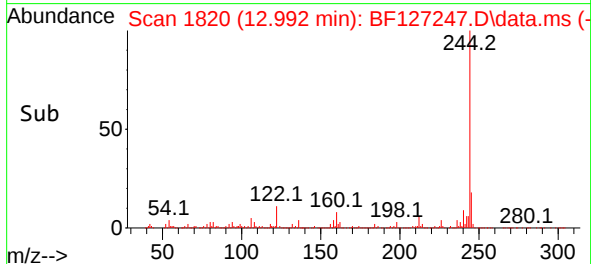
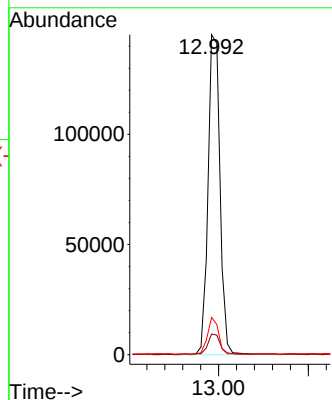
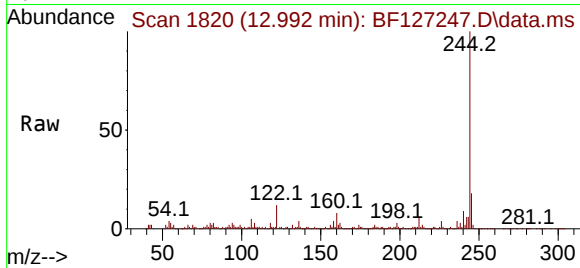




#79
 Terphenyl-d14
 Concen: 10.294 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127247.D
 Acq: 08 Mar 2022 04:14

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-030422

Tgt Ion:244 Resp: 134613
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.012 min
 Lab File: BF127247.D
 Acq: 08 Mar 2022 04:14

Tgt Ion:264 Resp: 142035
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.2 28.8
 265 22.3 17.4 26.2

