

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127812.D
 Acq On : 15 Apr 2022 19:23
 Operator : CG\JU
 Sample : N2430-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14-EB1-041322-0-5

Quant Time: Apr 18 01:26:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

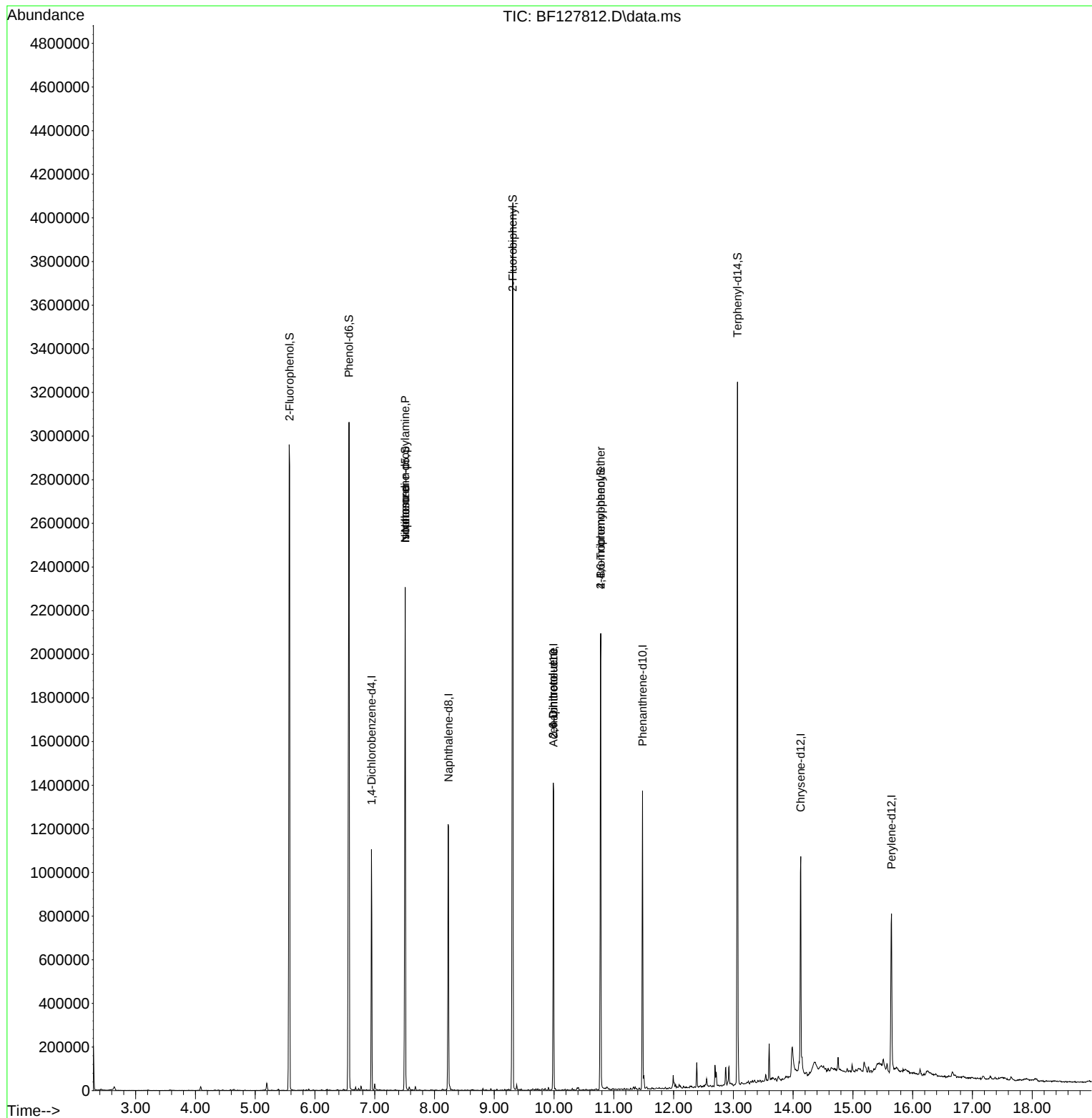
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	152879	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	560835	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	301541	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	460366	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	340079	20.000	ng	-0.02
86) Perylene-d12	15.645	264	354380	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	825354	87.724	ng	0.00
7) Phenol-d6	6.569	99	1080490	87.785	ng	-0.02
23) Nitrobenzene-d5	7.510	82	772024	61.369	ng	-0.02
42) 2,4,6-Tribromophenol	10.781	330	253415	78.974	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1361489	63.874	ng	-0.01
79) Terphenyl-d14	13.069	244	1070947	51.979	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	312	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.510	70	103731	13.030	ng	# 74
25) Isophorone	7.510	82	766515	34.919	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	38150	9.260	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	38150	7.469	ng	# 14
67) 4-Bromophenyl-phenylether	10.781	248	16494	2.952	ng	# 1

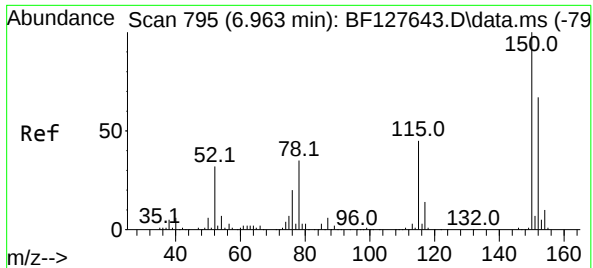
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127812.D
Acq On : 15 Apr 2022 19:23
Operator : CG\JU
Sample : N2430-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14-EB1-041322-0-5

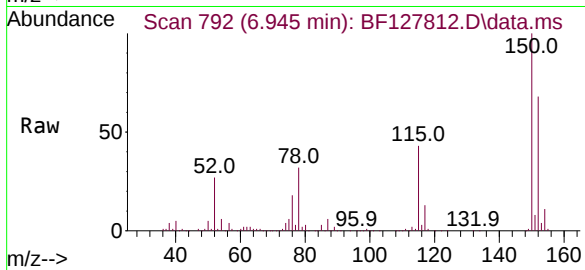
Quant Time: Apr 18 01:26:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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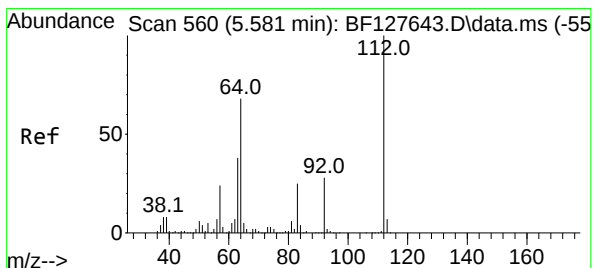
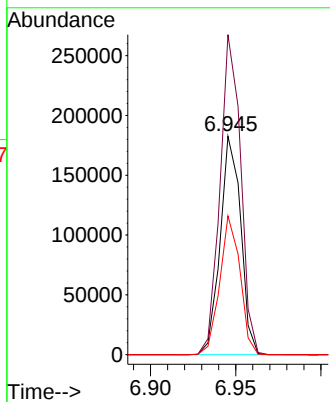
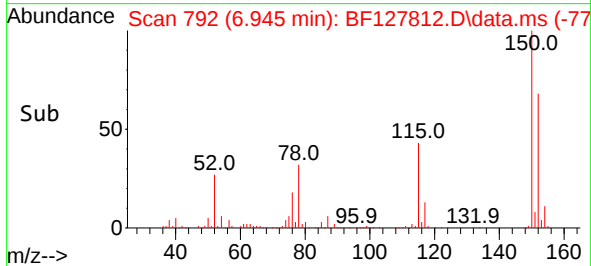


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Instrument :
BNA_F
ClientSampleId :
E14-EB1-041322-0-5

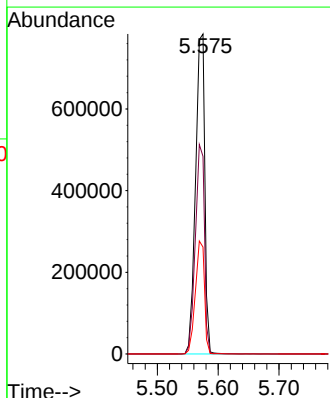
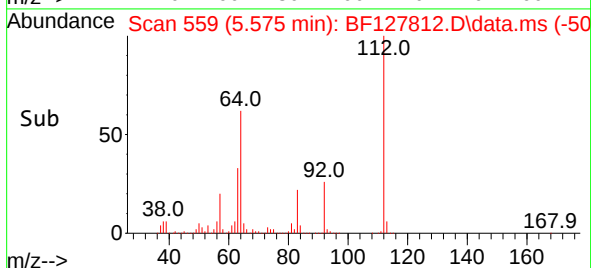
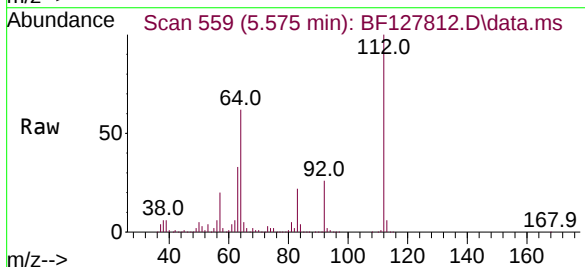


Tgt Ion:152 Resp: 152879
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 63.5 49.8 74.6



#5
2-Fluorophenol
Concen: 87.724 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion:112 Resp: 825354
Ion Ratio Lower Upper
112 100
64 61.8 58.4 87.6
63 33.4 30.1 45.1

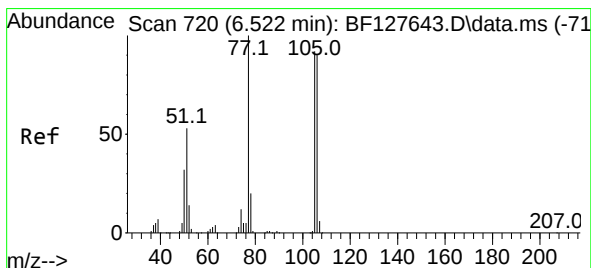
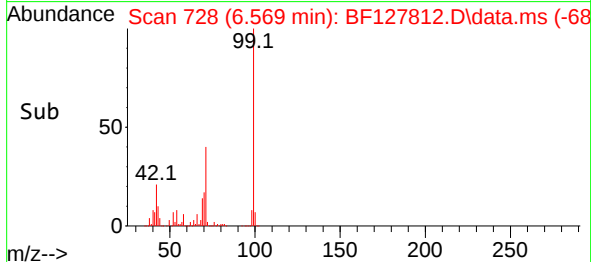
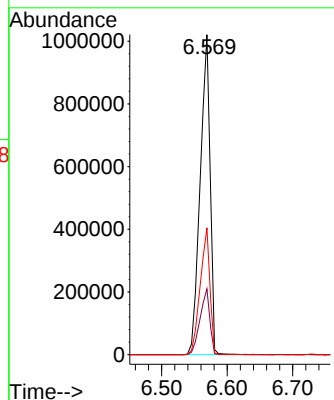
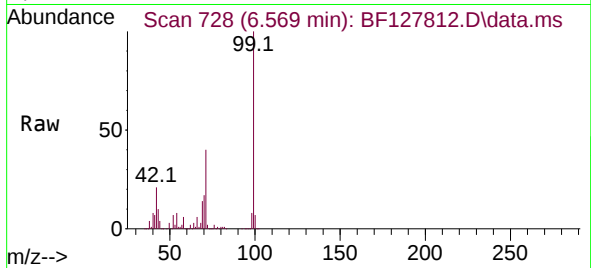




#7
Phenol-d6
Concen: 87.785 ng
RT: 6.569 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

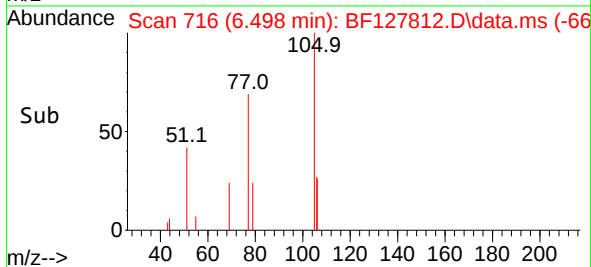
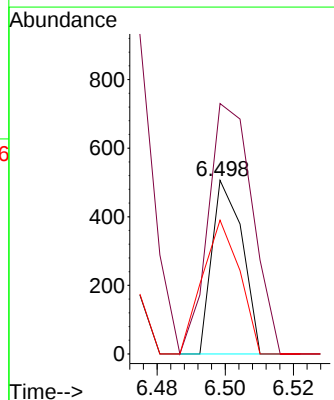
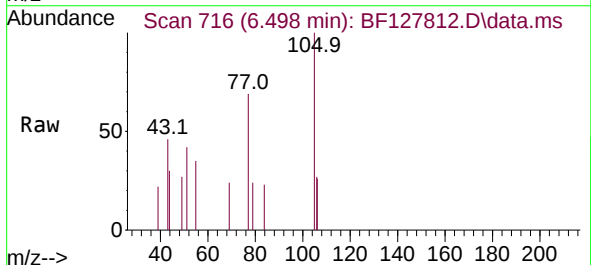
Instrument :
BNA_F
ClientSampleId :
E14-EB1-041322-0-5

Tgt Ion: 99 Resp: 1080490
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.6
71 39.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion: 77 Resp: 312
Ion Ratio Lower Upper
77 100
105 144.3 66.8 106.8#
106 77.1 64.3 104.3

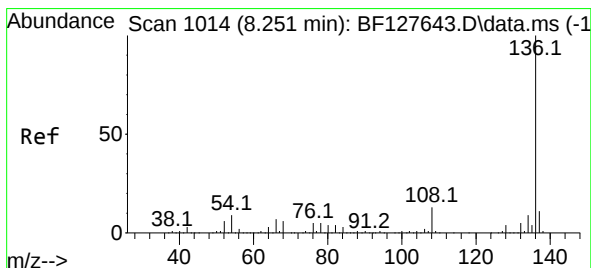
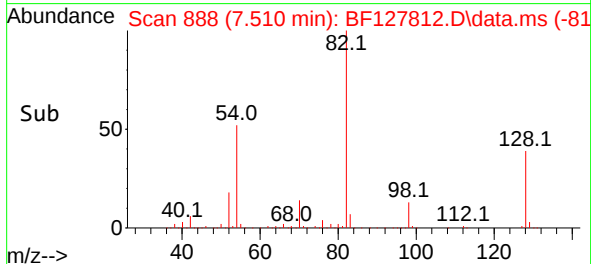
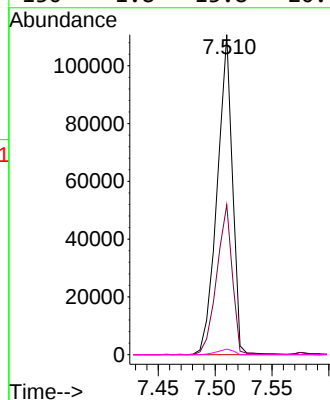
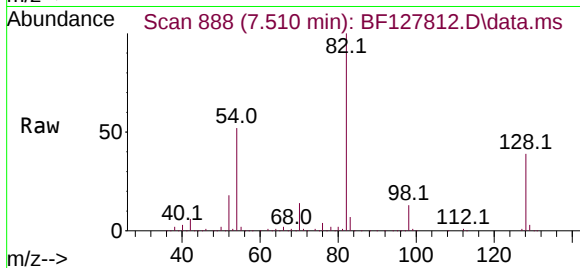




#19
n-Nitroso-di-n-propylamine
Concen: 13.030 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

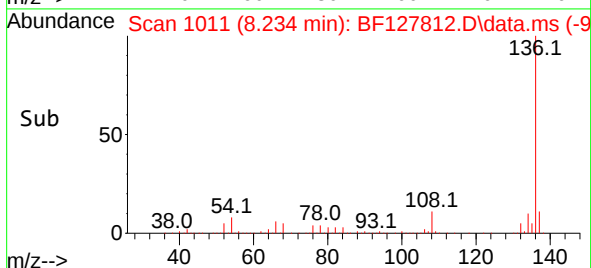
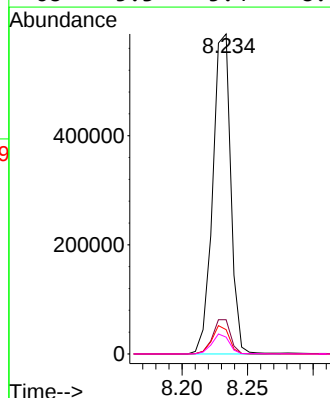
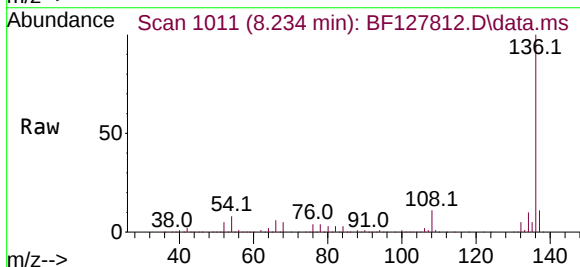
Instrument :
BNA_F
ClientSampleId :
E14-EB1-041322-0-5

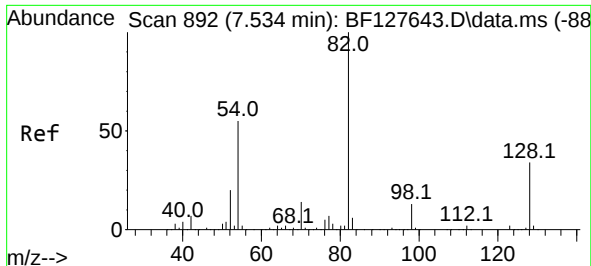
Tgt Ion: 70 Resp: 103731
Ion Ratio Lower Upper
70 100
42 46.8 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion: 136 Resp: 560835
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.6 9.2 13.8#
68 5.3 5.4 8.0#





#23

Nitrobenzene-d5

Concen: 61.369 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127812.D

Acq: 15 Apr 2022 19:23

Instrument :

BNA_F

ClientSampleId :

E14-EB1-041322-0-5

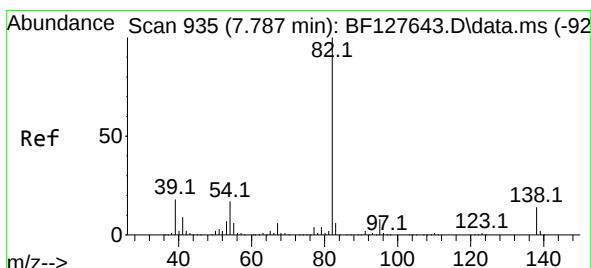
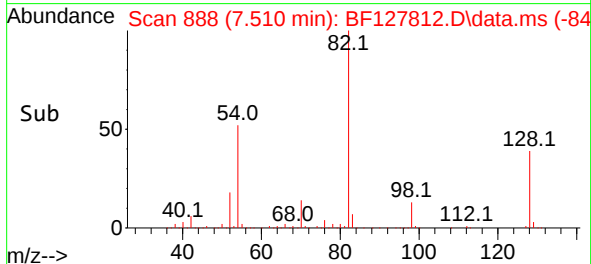
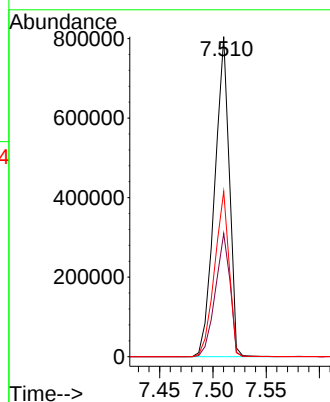
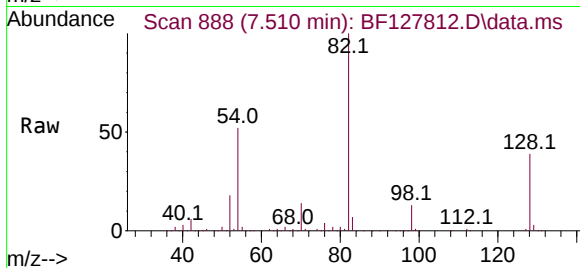
Tgt Ion: 82 Resp: 772024

Ion Ratio Lower Upper

82 100

128 38.5 30.6 45.8

54 51.6 48.2 72.2



#25

Isophorone

Concen: 34.919 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.276 min

Lab File: BF127812.D

Acq: 15 Apr 2022 19:23

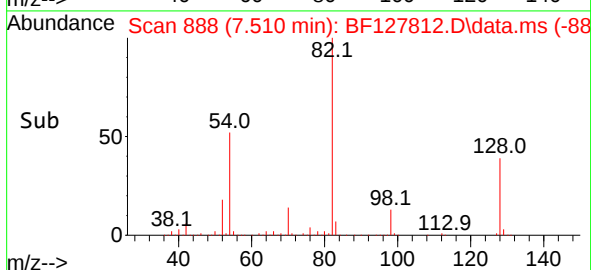
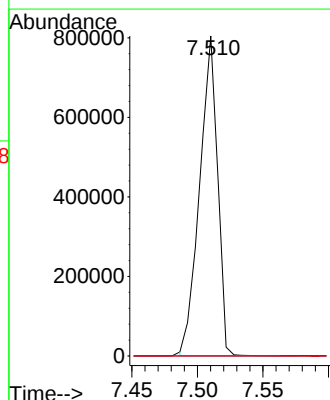
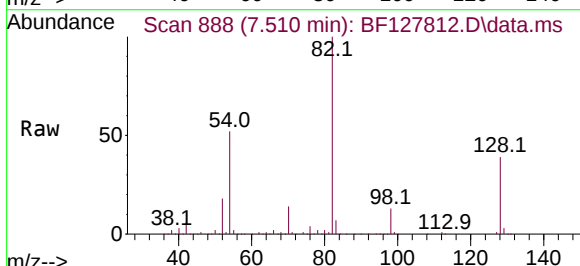
Tgt Ion: 82 Resp: 766515

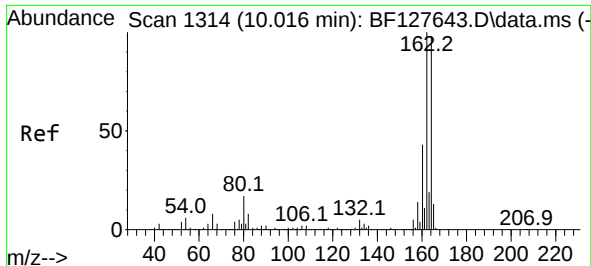
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

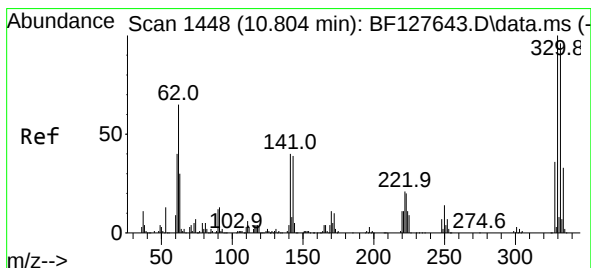
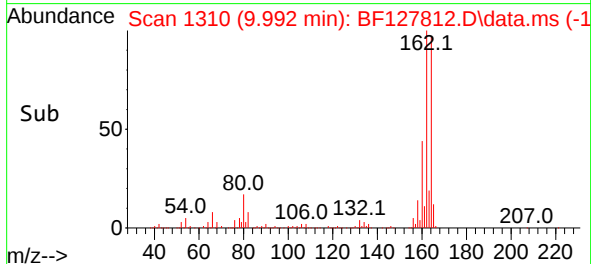
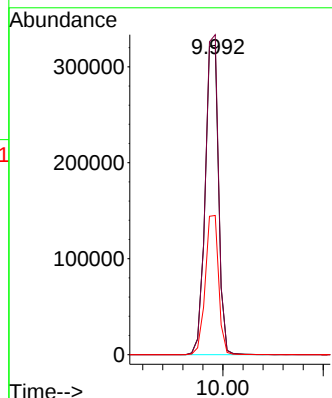
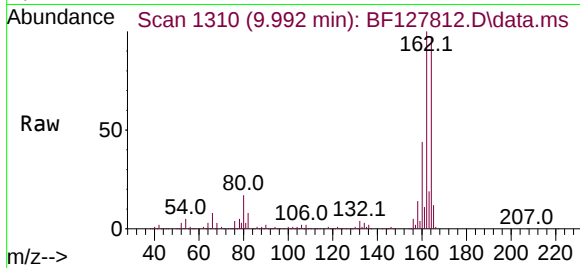




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

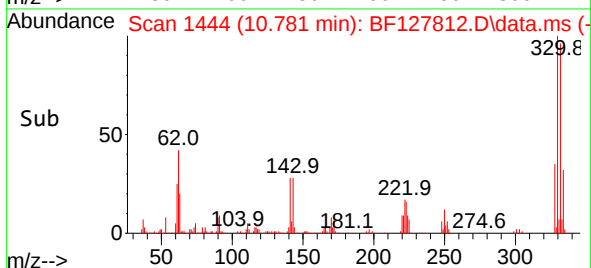
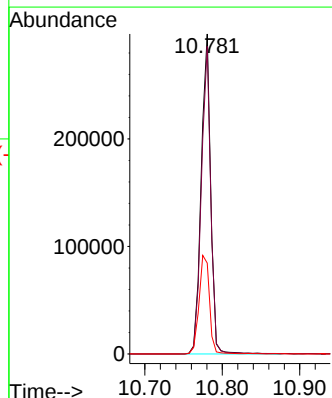
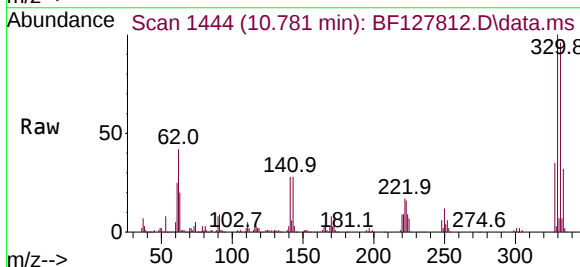
Instrument :
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E14-EB1-041322-0-5

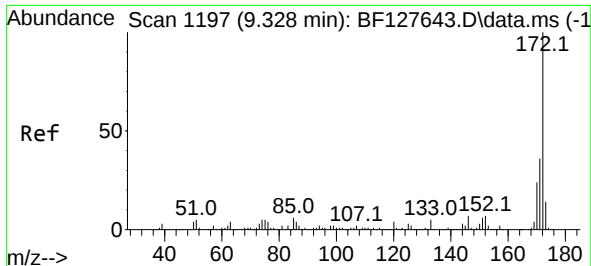
Tgt Ion:164 Resp: 301541
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 45.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 78.974 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion:330 Resp: 253415
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 33.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 63.874 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127812.D

Acq: 15 Apr 2022 19:23

Instrument :

BNA_F

ClientSampleId :

E14-EB1-041322-0-5

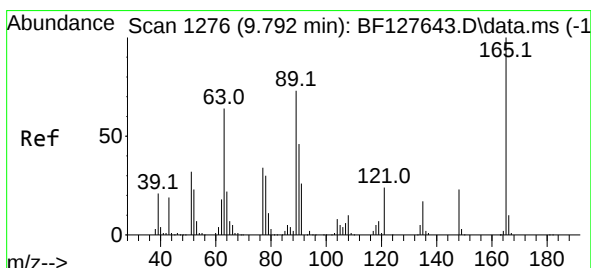
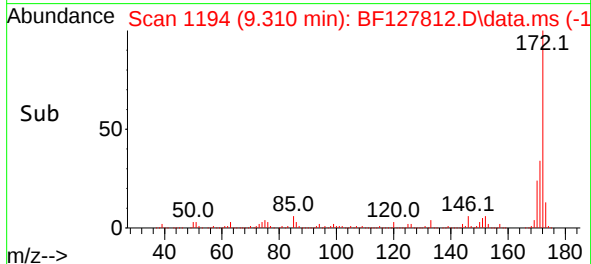
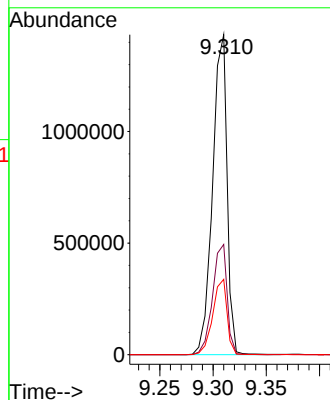
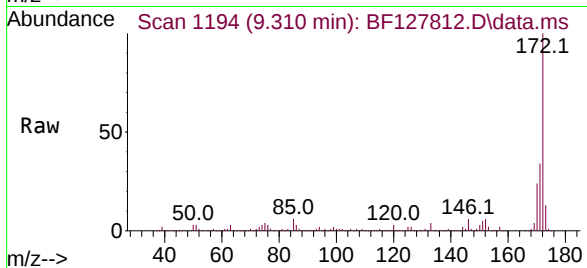
Tgt Ion:172 Resp: 1361489

Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.260 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127812.D

Acq: 15 Apr 2022 19:23

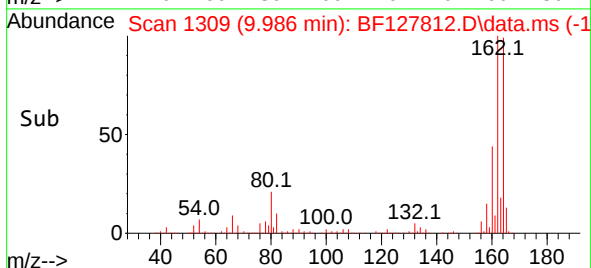
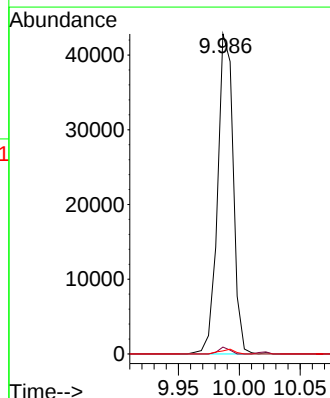
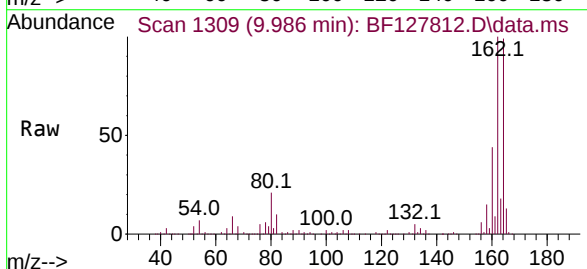
Tgt Ion:165 Resp: 38150

Ion Ratio Lower Upper

165 100

63 2.2 58.3 87.5#

89 1.0 51.5 77.3#

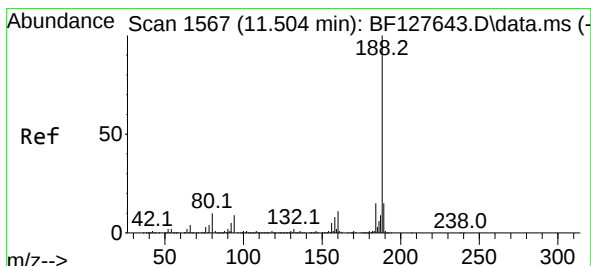
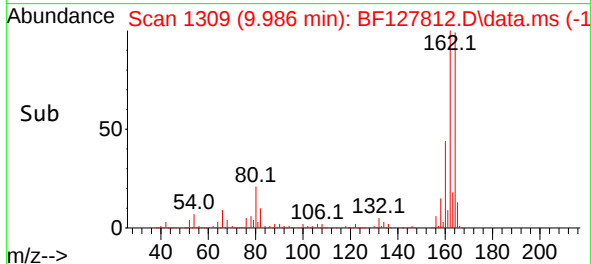
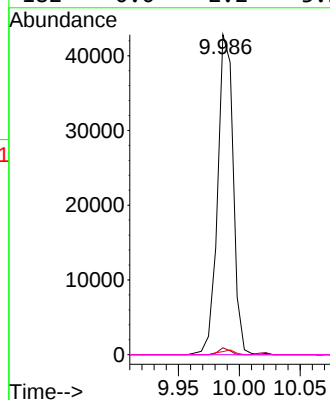
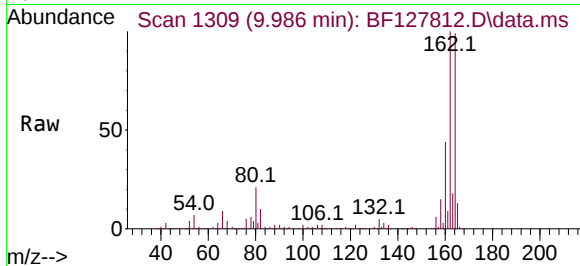




#57
2,4-Dinitrotoluene
Concen: 7.469 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

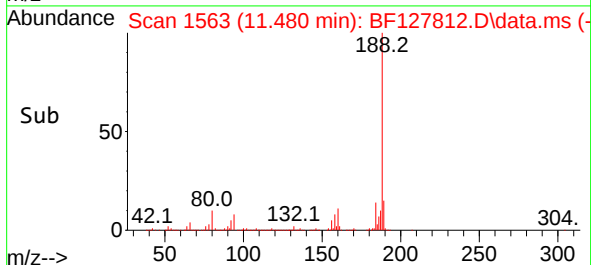
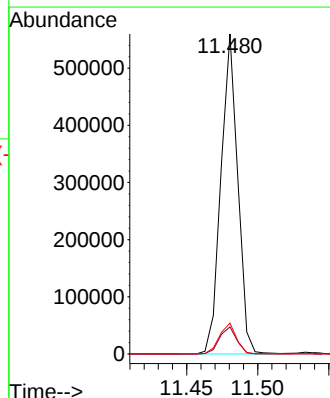
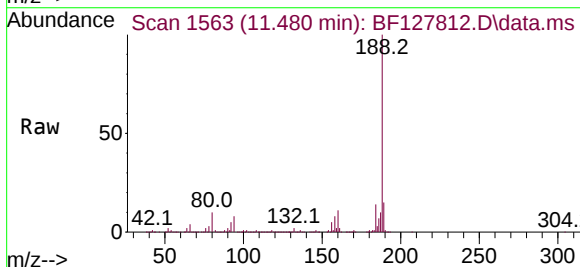
Instrument :
BNA_F
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E14-EB1-041322-0-5

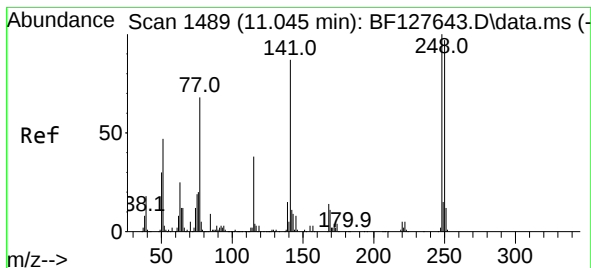
Tgt Ion:165 Resp: 38150
Ion Ratio Lower Upper
165 100
63 2.2 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion:188 Resp: 460366
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.6 8.0 12.0

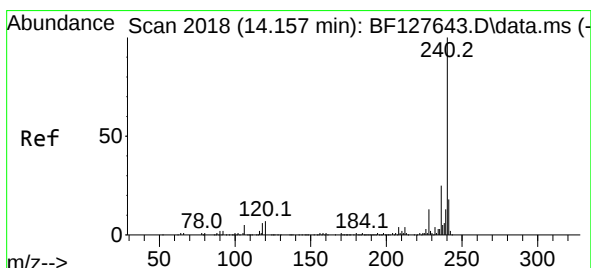
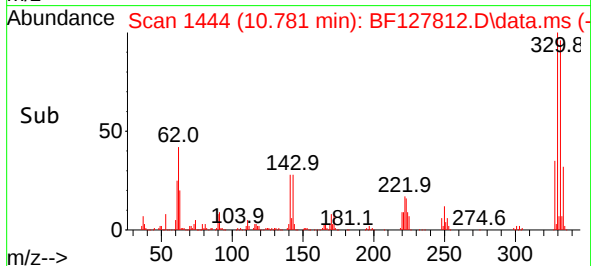
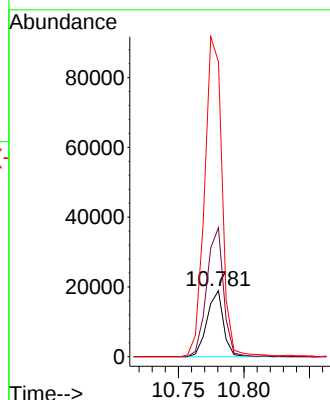
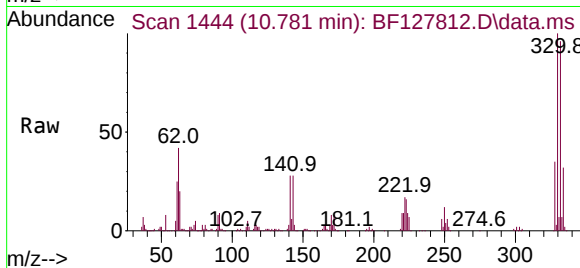




#67
4-Bromophenyl-phenylether
Concen: 2.952 ng
RT: 10.781 min Scan# 1489
Delta R.T. -0.259 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

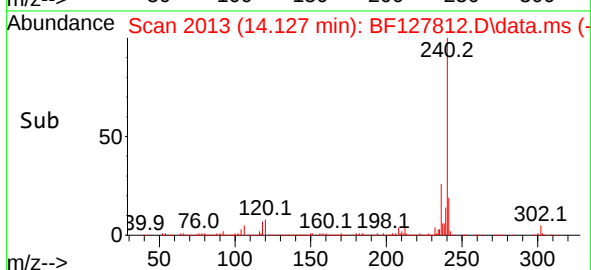
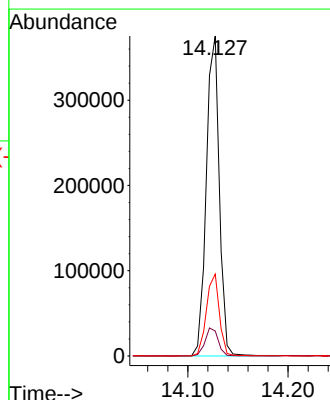
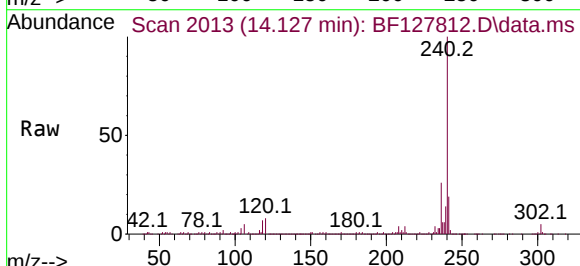
Instrument :
BNA_F
ClientSampleId :
E14-EB1-041322-0-5

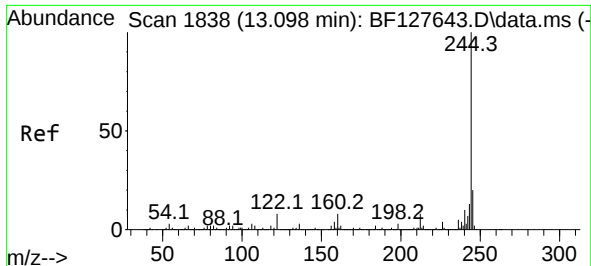
Tgt Ion:248 Resp: 16494
Ion Ratio Lower Upper
248 100
250 195.6 76.6 115.0#
141 447.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127812.D
Acq: 15 Apr 2022 19:23

Tgt Ion:240 Resp: 340079
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.6 20.7 31.1

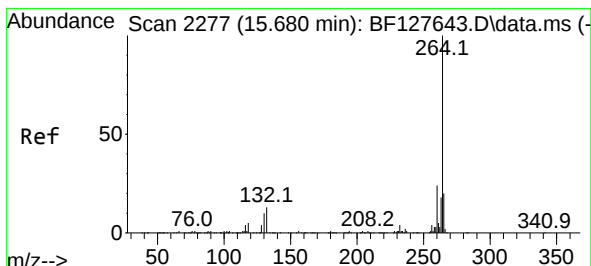
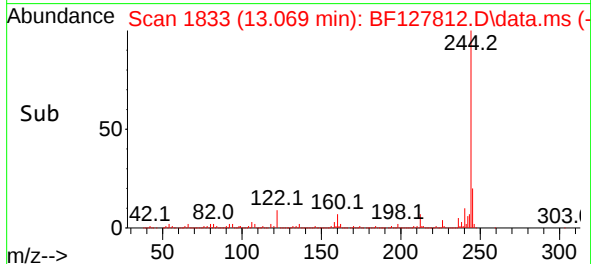
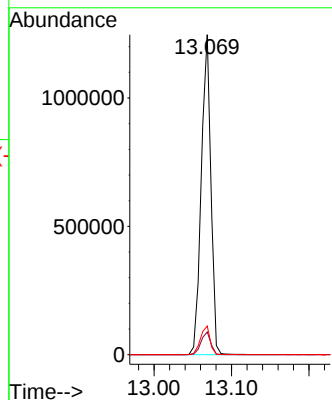
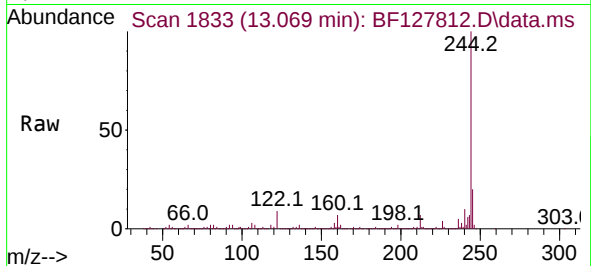




#79
 Terphenyl-d14
 Concen: 51.979 ng
 RT: 13.069 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF127812.D
 Acq: 15 Apr 2022 19:23

Instrument :
 BNA_F
 ClientSampleId :
 E14-EB1-041322-0-5

Tgt Ion:244 Resp: 1070947
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127812.D
 Acq: 15 Apr 2022 19:23

Tgt Ion:264 Resp: 354380
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 21.1 17.4 26.2

