

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129920.D
 Acq On : 19 Aug 2022 20:57
 Operator : CG\JU
 Sample : N4217-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-2-0815

Quant Time: Aug 20 07:53:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

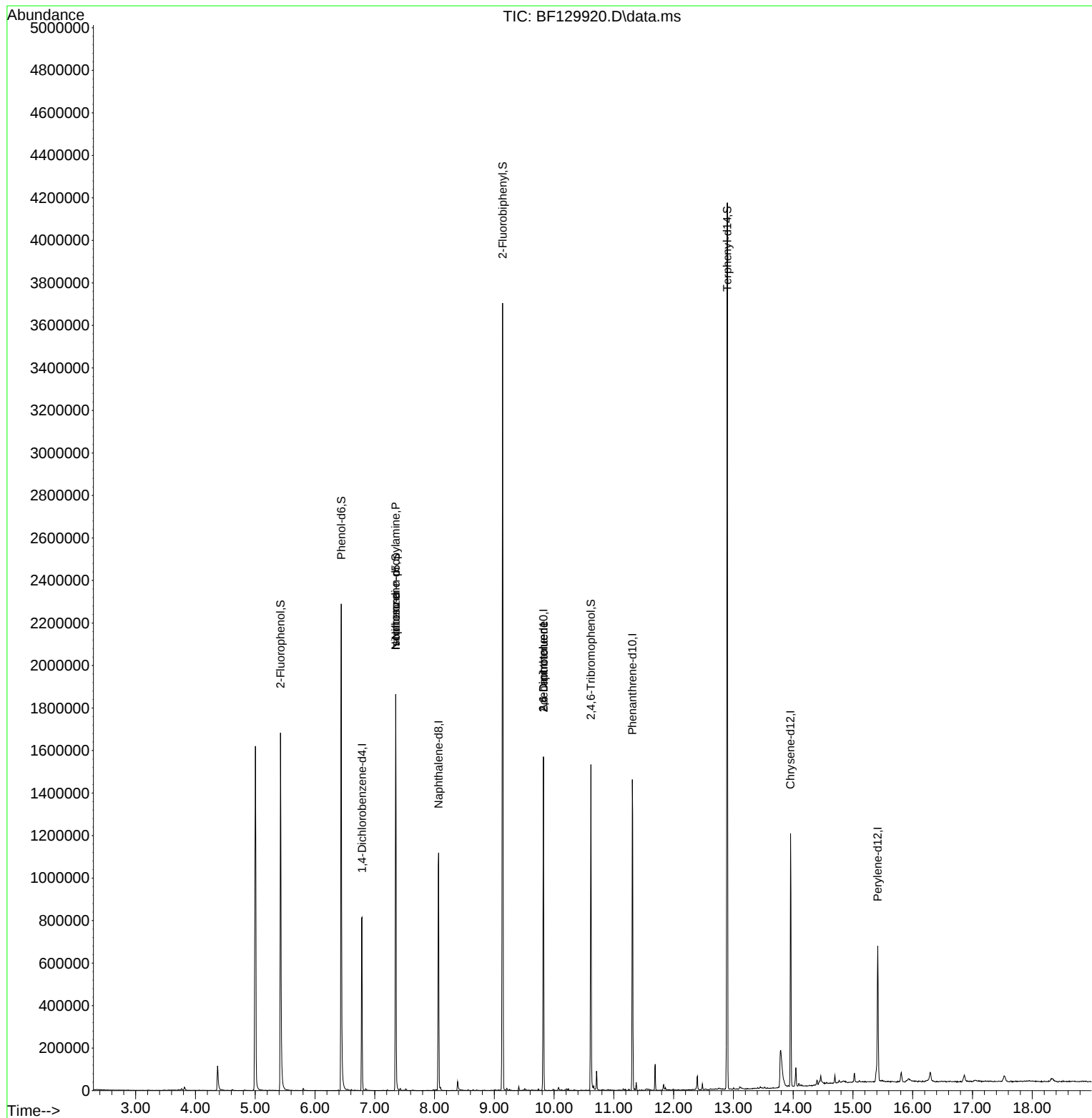
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	129917	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	526190	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	295505	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	525442	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	384316	20.000	ng	0.00
86) Perylene-d12	15.415	264	268804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	491340	62.618	ng	0.00
7) Phenol-d6	6.440	99	739268	75.234	ng	0.00
23) Nitrobenzene-d5	7.351	82	589949	60.018	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	157301	53.038	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1141995	58.695	ng	0.00
79) Terphenyl-d14	12.898	244	1346591	58.302	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	1208	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	79062	12.729	ng	# 76
25) Isophorone	7.351	82	589942	34.871	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	37152	8.085	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	37152	6.228	ng	# 18
77) Benzidine	12.898	184	18118	Below Cal	#	92

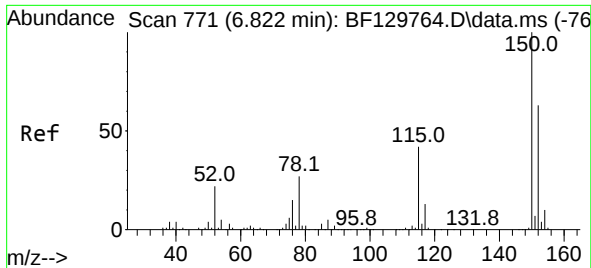
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
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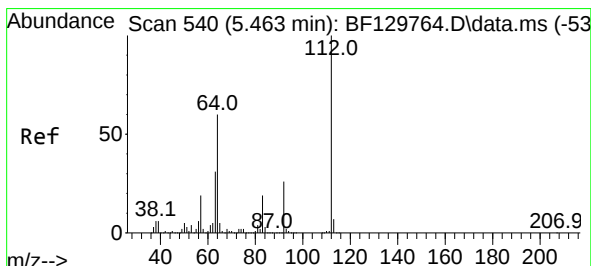
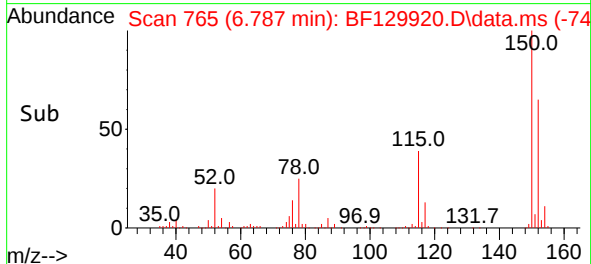
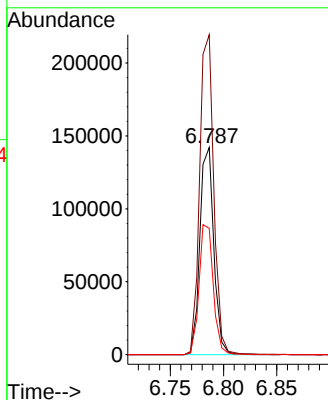
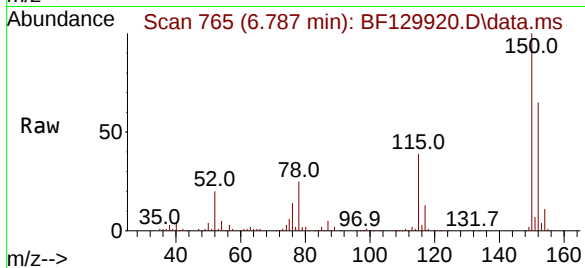




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

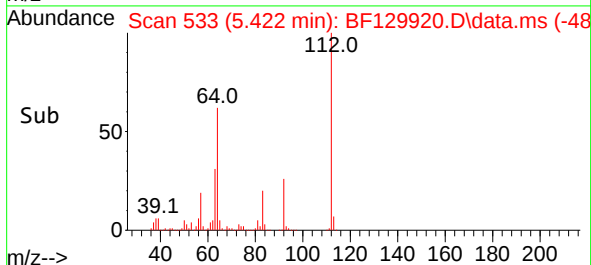
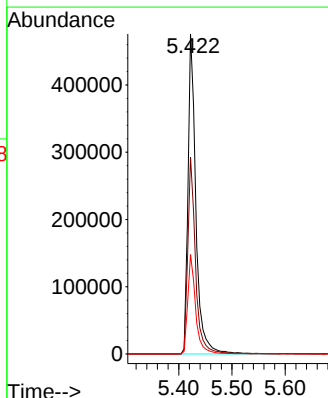
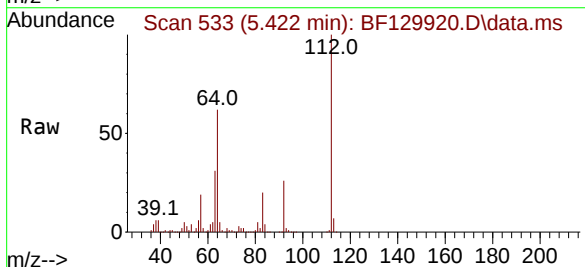
Instrument :
BNA_F
ClientSampleId :
CON-2-0815

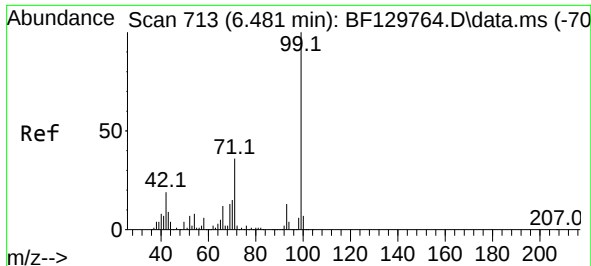
Tgt Ion:152 Resp: 129917
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 60.9 53.4 80.0



#5
2-Fluorophenol
Concen: 62.618 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

Tgt Ion:112 Resp: 491340
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.0 24.6 37.0

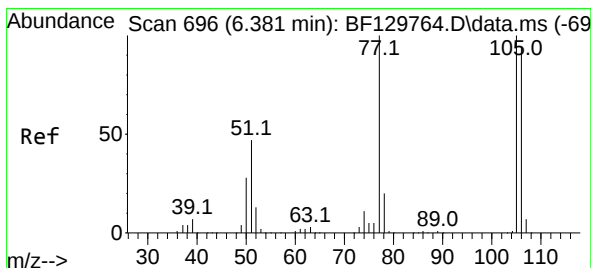
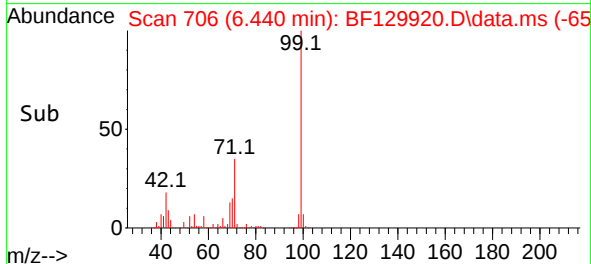
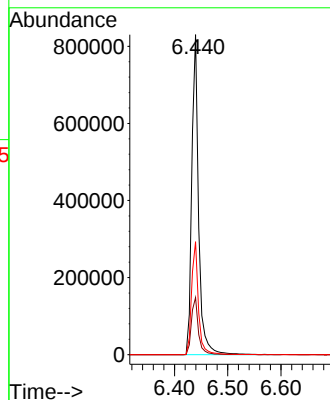
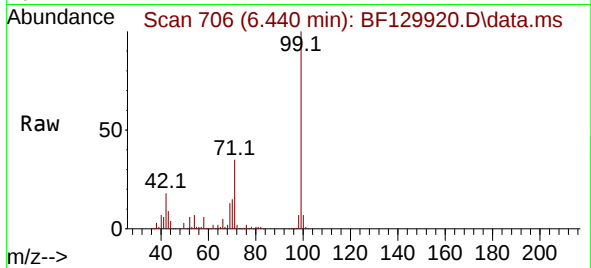




#7
Phenol-d6
Concen: 75.234 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

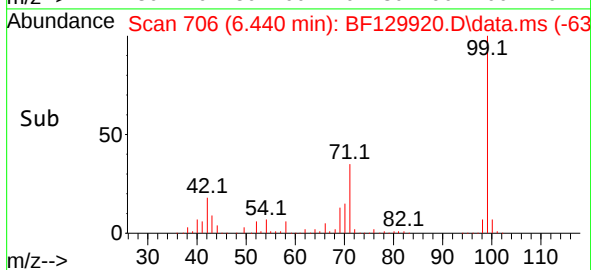
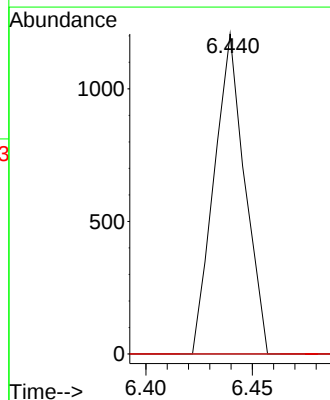
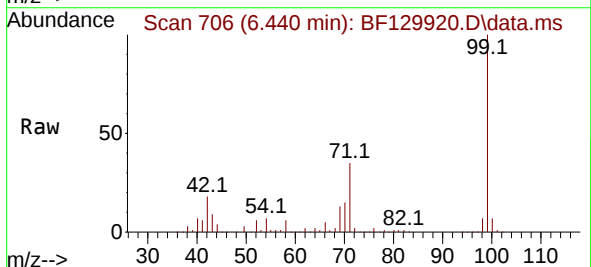
Instrument :
BNA_F
ClientSampleId :
CON-2-0815

Tgt Ion: 99 Resp: 739268
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 706
Delta R.T. 0.094 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

Tgt Ion: 77 Resp: 1208
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 12.729 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF129920.D

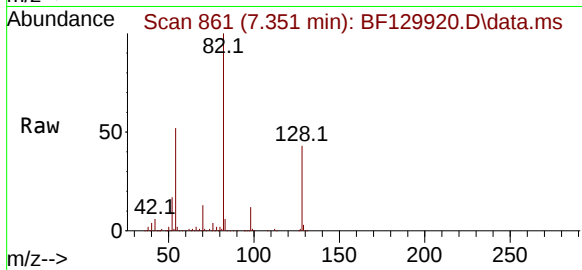
Acq: 19 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

CON-2-0815



Tgt Ion: 70 Resp: 79062

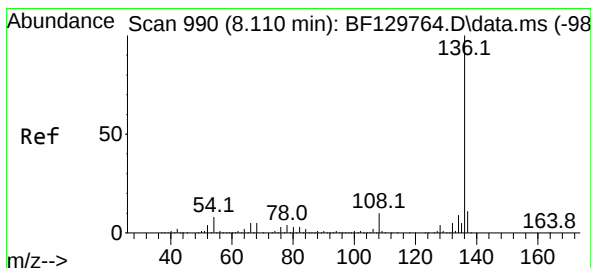
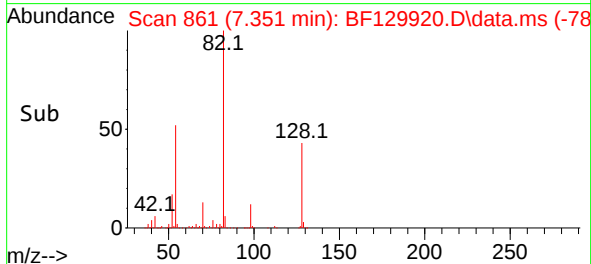
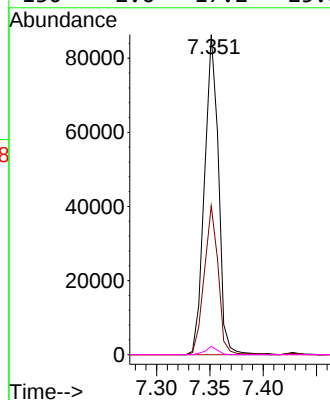
Ion Ratio Lower Upper

70 100

42 46.5 47.6 71.4#

101 0.0 8.1 12.1#

130 2.6 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF129920.D

Acq: 19 Aug 2022 20:57

Tgt Ion: 136 Resp: 526190

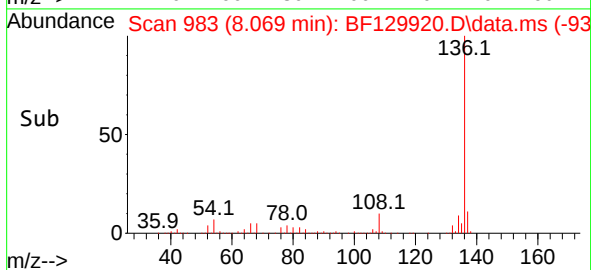
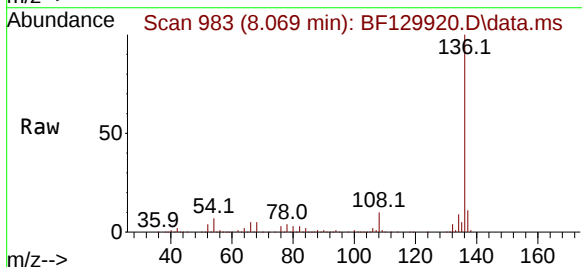
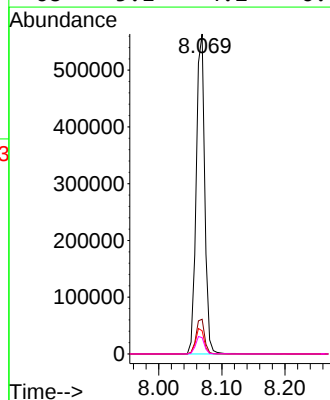
Ion Ratio Lower Upper

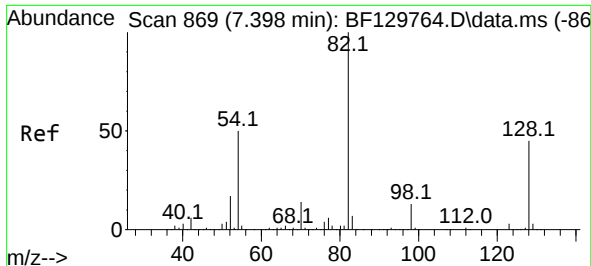
136 100

137 10.9 8.4 12.6

54 7.3 6.2 9.2

68 5.1 4.2 6.4

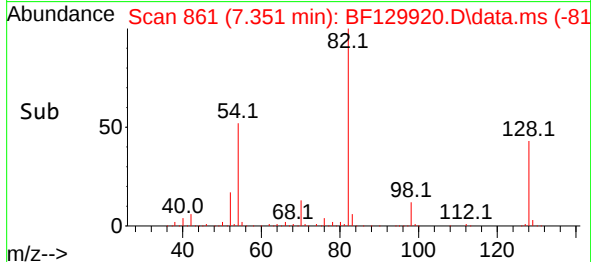
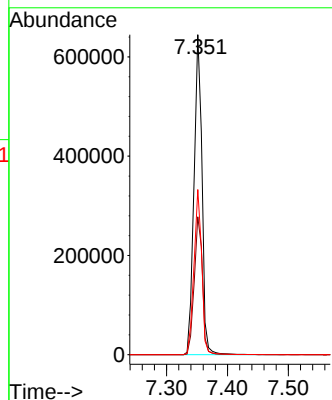
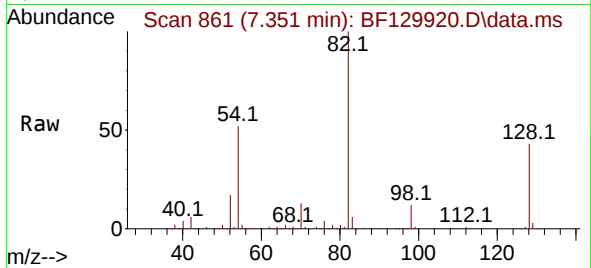




#23
Nitrobenzene-d5
Concen: 60.018 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

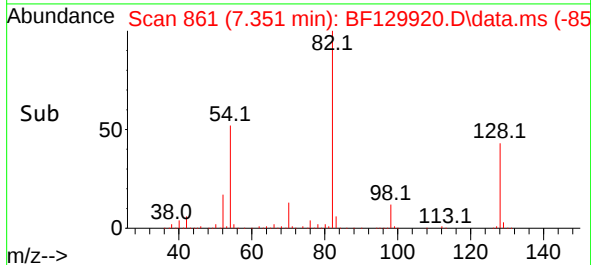
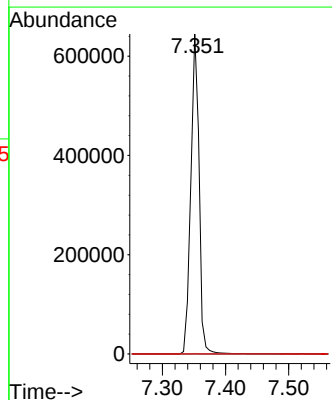
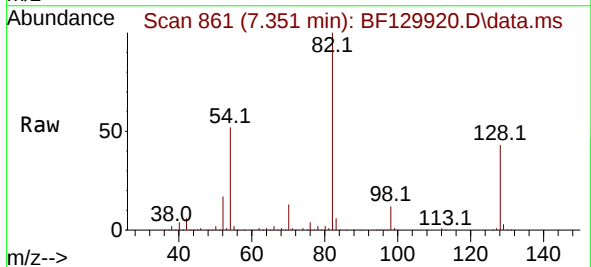
Instrument :
BNA_F
ClientSampleId :
CON-2-0815

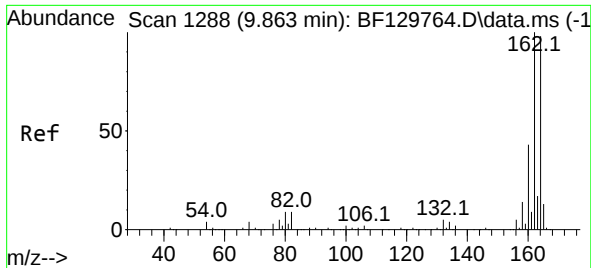
Tgt Ion: 82 Resp: 589949
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 51.6 40.0 60.0



#25
Isophorone
Concen: 34.871 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.265 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

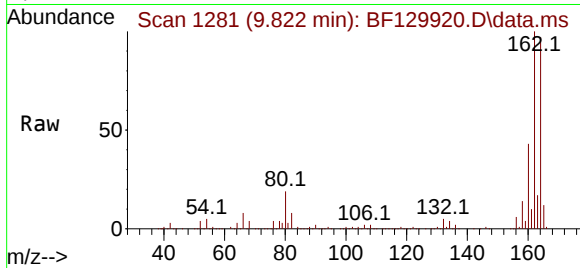
Tgt Ion: 82 Resp: 589942
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



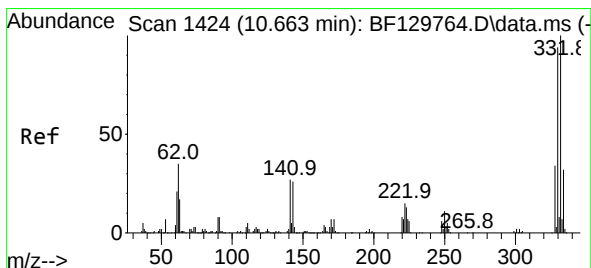
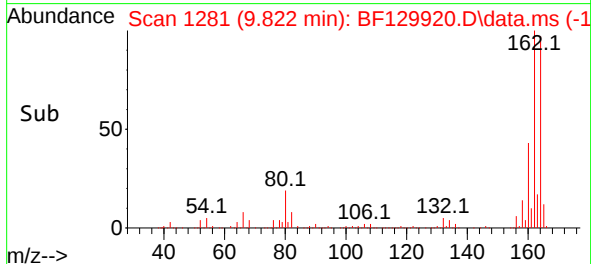
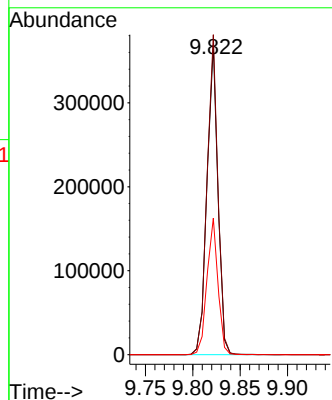


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

Instrument :
BNA_F
ClientSampleId :
CON-2-0815

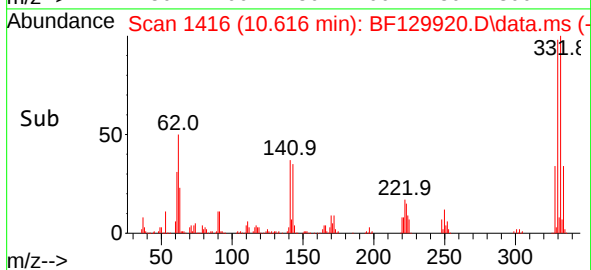
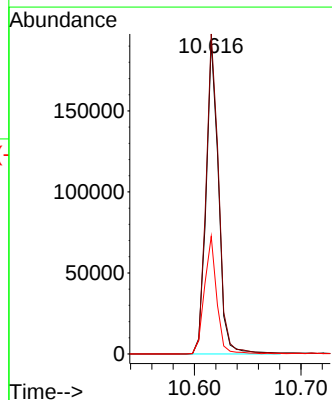
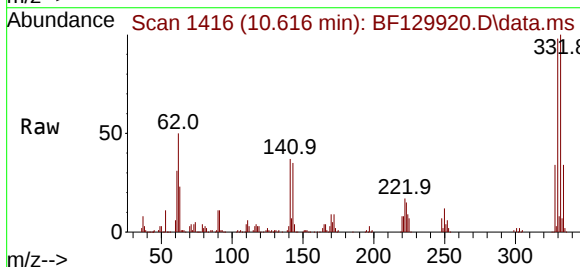


Tgt Ion:164 Resp: 295505
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 53.038 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

Tgt Ion:330 Resp: 157301
Ion Ratio Lower Upper
330 100
332 104.8 82.6 124.0
141 37.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 58.695 ng

RT: 9.139 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF129920.D

Acq: 19 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

CON-2-0815

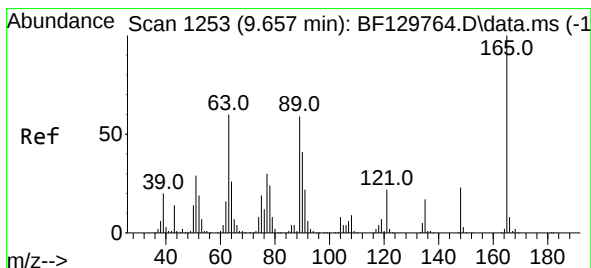
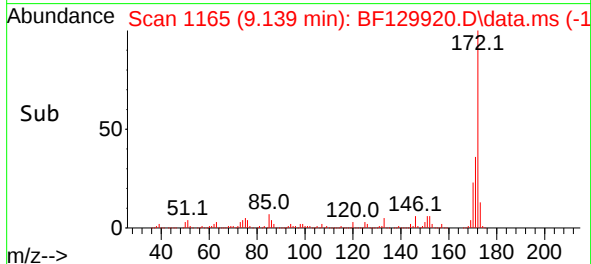
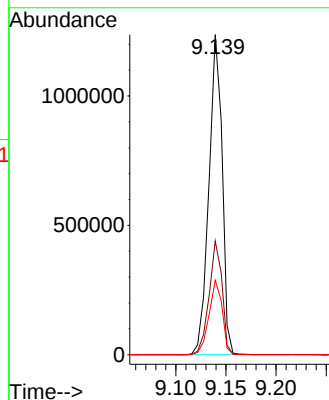
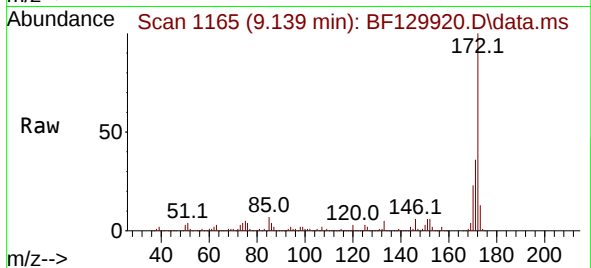
Tgt Ion:172 Resp: 1141995

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.085 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.200 min

Lab File: BF129920.D

Acq: 19 Aug 2022 20:57

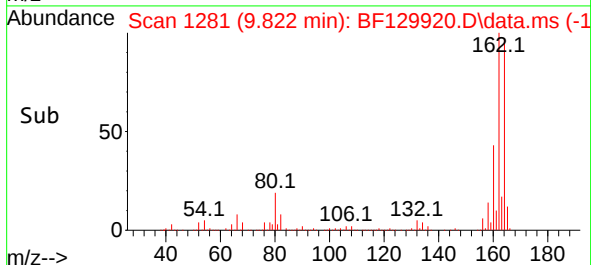
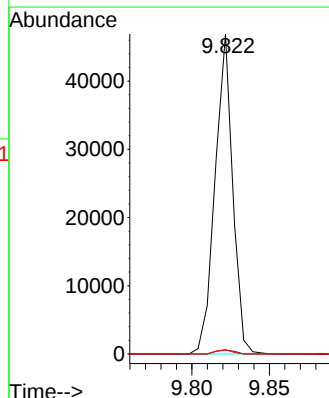
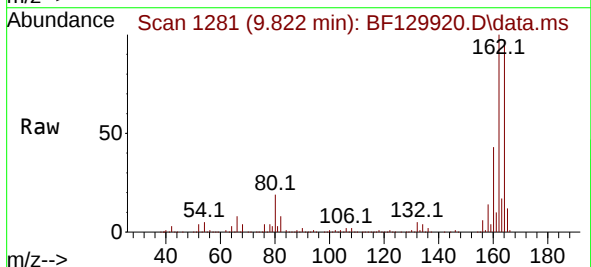
Tgt Ion:165 Resp: 37152

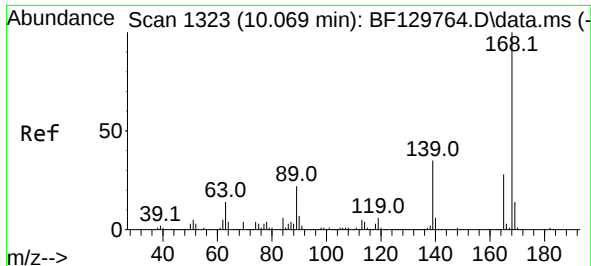
Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

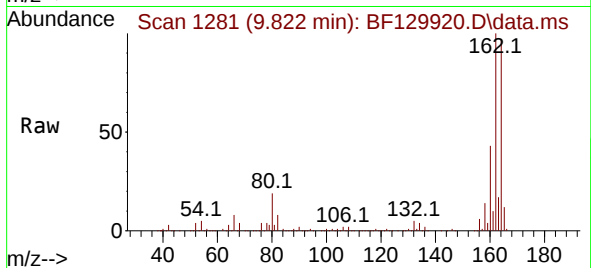
89 1.4 47.2 70.8#



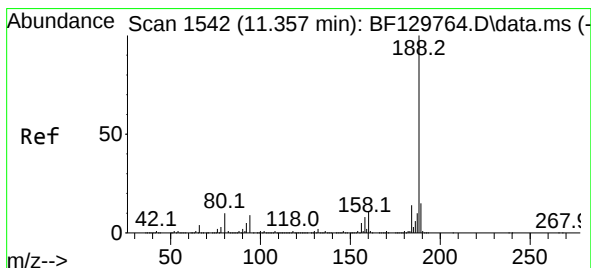
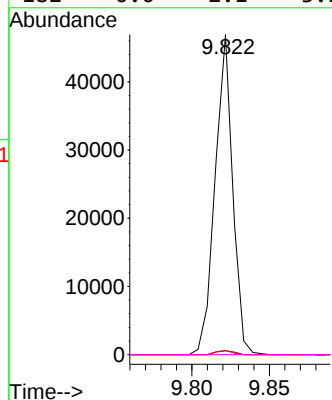
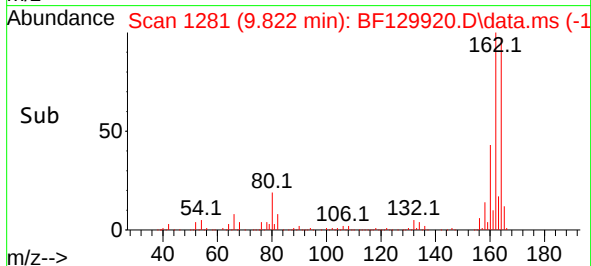


#57
2,4-Dinitrotoluene
Concen: 6.228 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

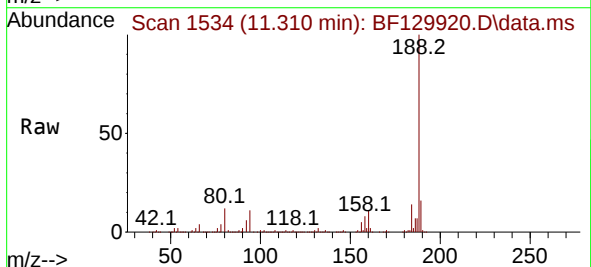
Instrument :
BNA_F
ClientSampleId :
CON-2-0815



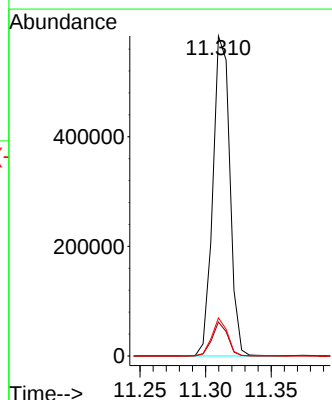
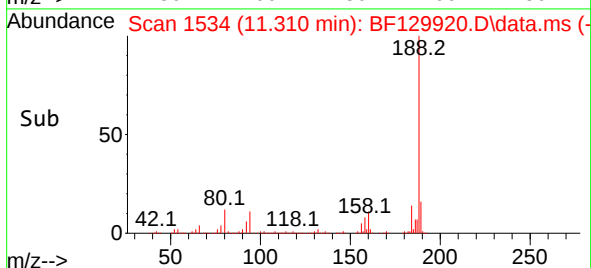
Tgt Ion:165 Resp: 37152
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#

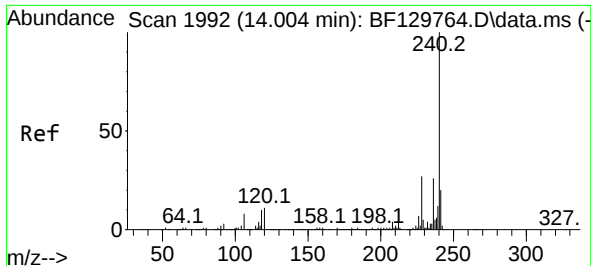


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57



Tgt Ion:188 Resp: 525442
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.9 7.9 11.9#

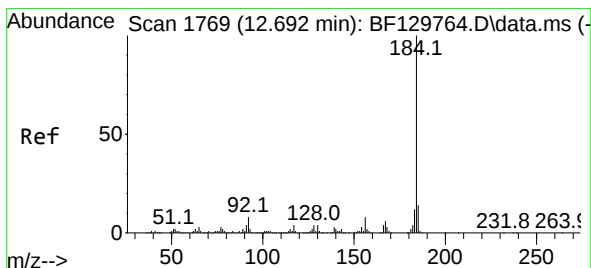
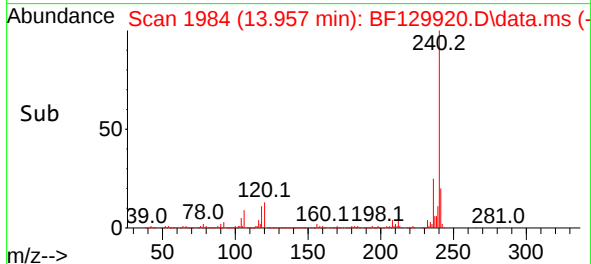
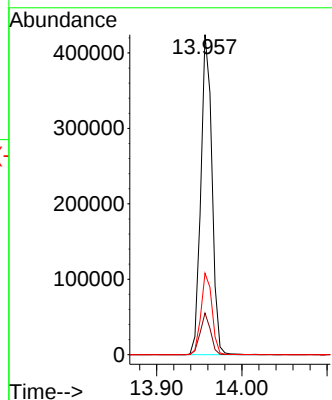
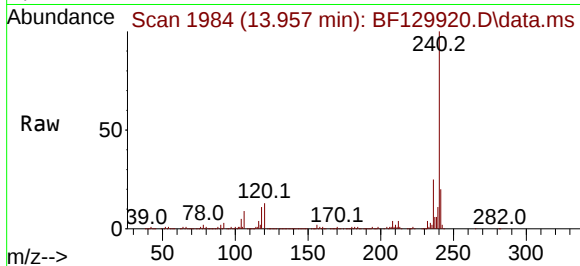




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

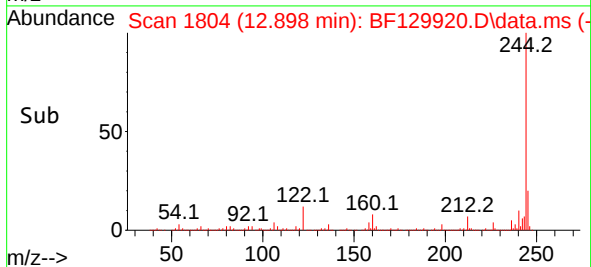
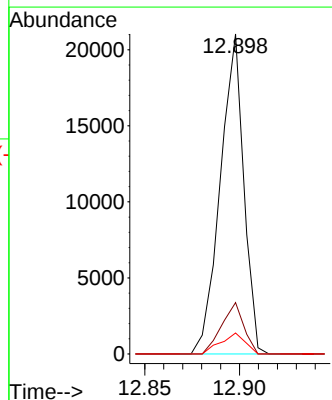
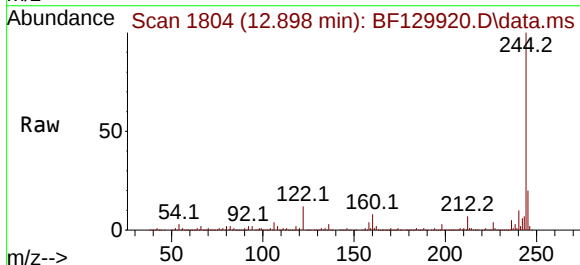
Instrument :
BNA_F
ClientSampleId :
CON-2-0815

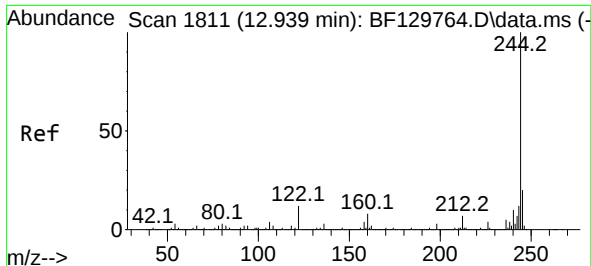
Tgt Ion:240 Resp: 384316
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.5 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.898 min Scan# 1804
Delta R.T. 0.241 min
Lab File: BF129920.D
Acq: 19 Aug 2022 20:57

Tgt Ion:184 Resp: 18118
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.2
183 6.6 9.4 14.2#

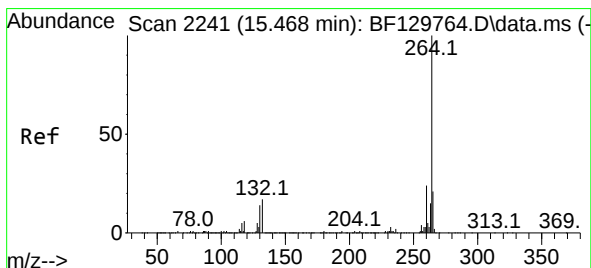
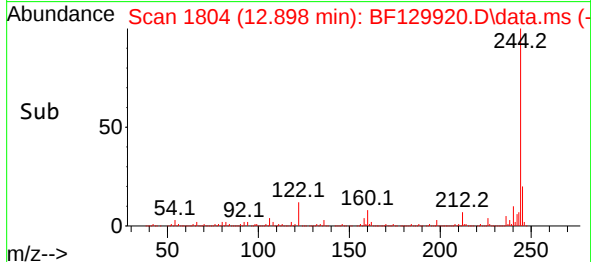
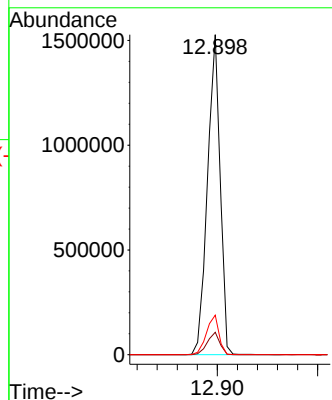
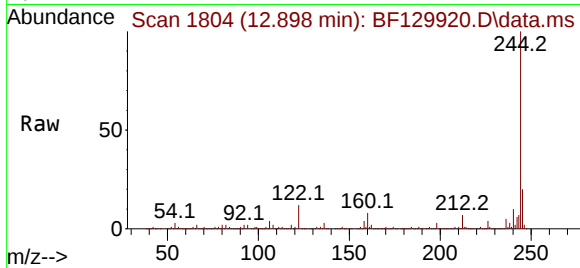




#79
 Terphenyl-d14
 Concen: 58.302 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129920.D
 Acq: 19 Aug 2022 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CON-2-0815

Tgt Ion:244 Resp: 1346591
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: BF129920.D
 Acq: 19 Aug 2022 20:57

Tgt Ion:264 Resp: 268804
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.6 16.7 25.1

