

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129940.D
 Acq On : 22 Aug 2022 14:58
 Operator : CG\JU
 Sample : N4142-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 04:47:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

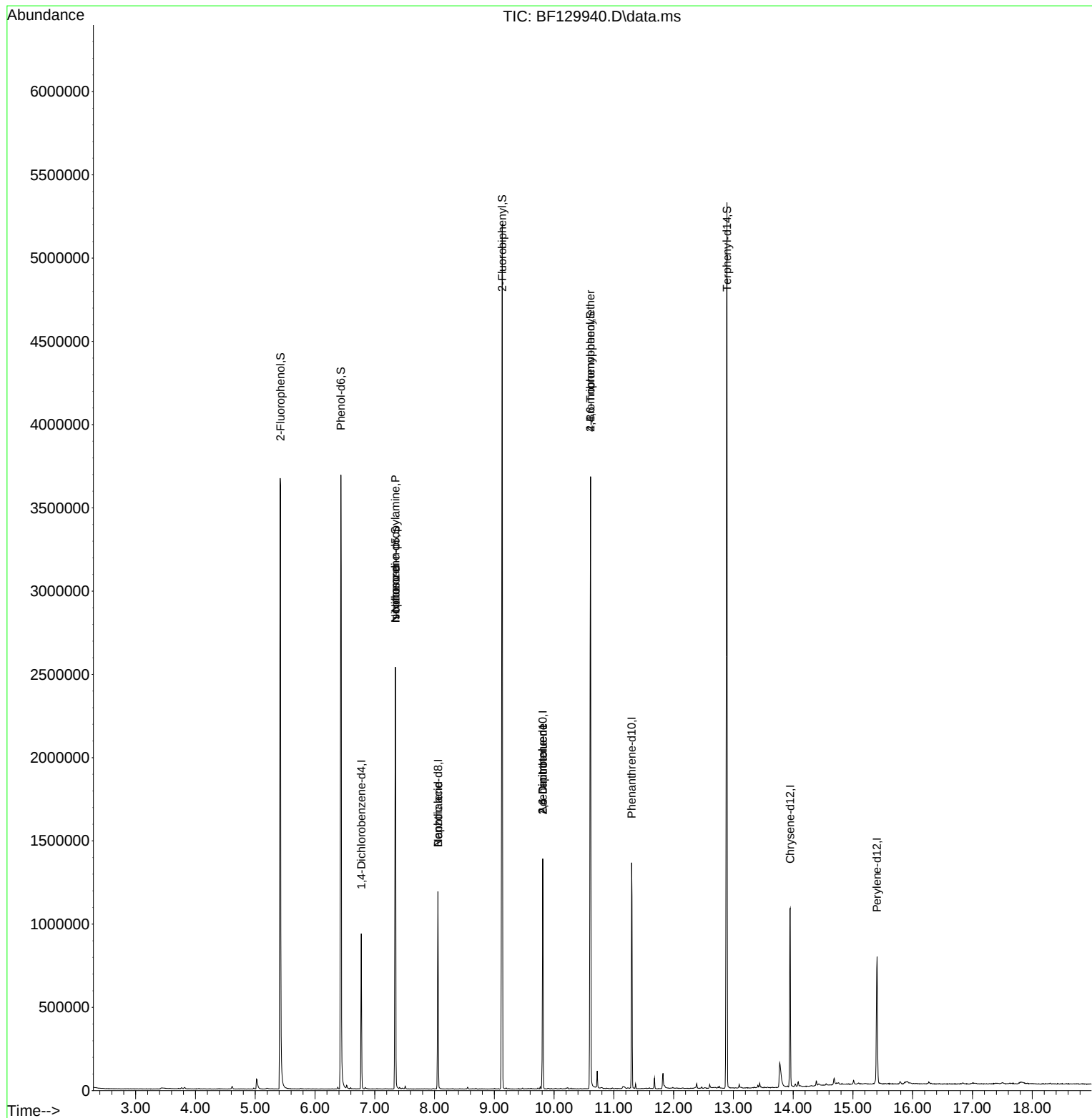
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	120777	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	501737	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	269927	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	465597	20.000	ng	0.00
76) Chrysene-d12	13.951	240	379052	20.000	ng	0.00
86) Perylene-d12	15.404	264	338079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1072933	147.086	ng	0.01
7) Phenol-d6	6.434	99	1382767	151.372	ng	0.00
23) Nitrobenzene-d5	7.345	82	885932	94.523	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	415929	153.529	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1596579	89.835	ng	0.00
79) Terphenyl-d14	12.892	244	1887891	82.873	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	2344	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	119620	20.717	ng	# 81
25) Isophorone	7.345	82	885923	54.918	ng	# 65
32) Benzoic acid	8.057	122	134	2.208	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	35111	8.365	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	35111	6.444	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	25298	4.639	ng	# 1
77) Benzidine	12.627	184	863	Below Cal	#	67

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

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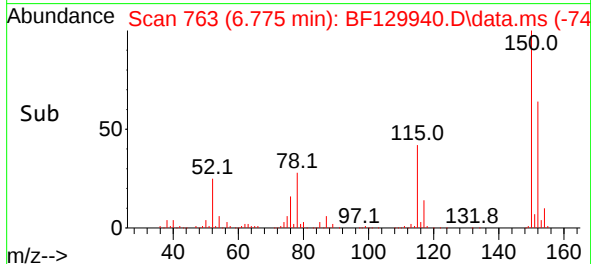
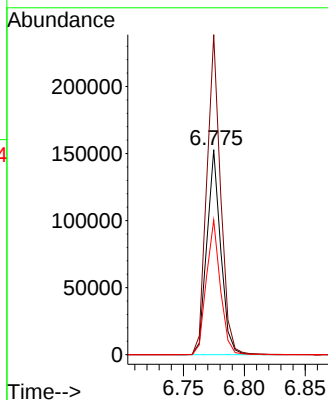
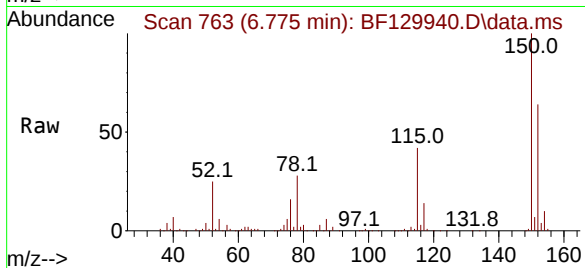




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

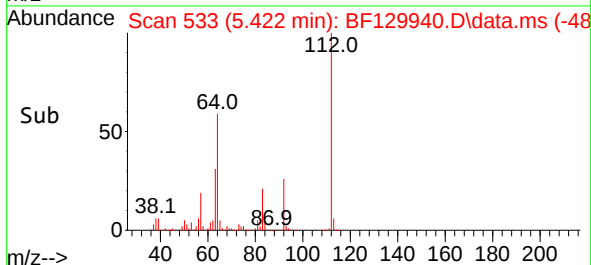
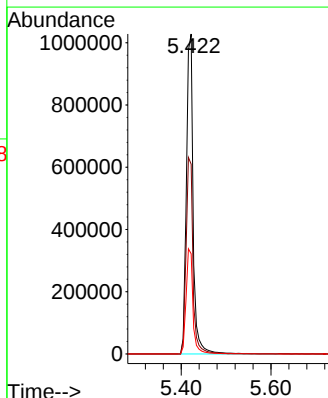
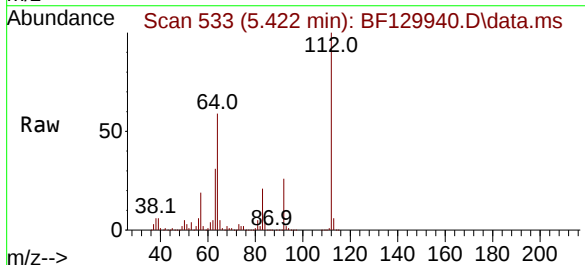
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120777
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 65.7 53.4 80.0



#5
2-Fluorophenol
Concen: 147.086 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

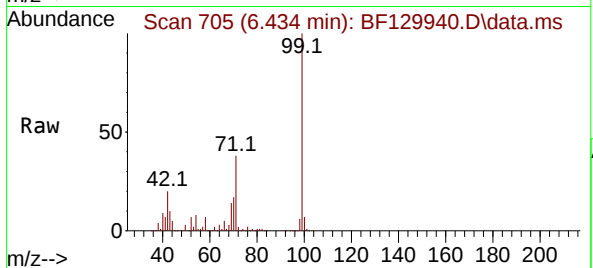
Tgt Ion:112 Resp: 1072933
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 31.3 24.6 37.0





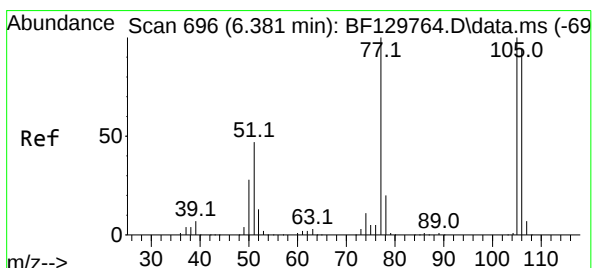
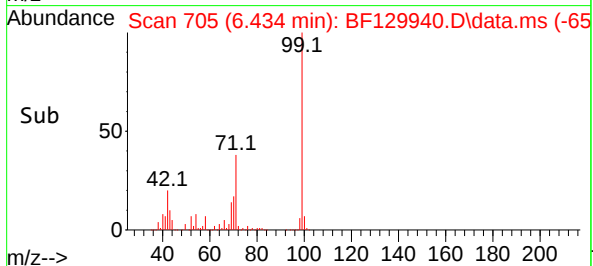
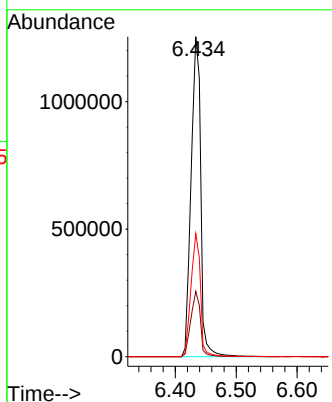
#7
Phenol-d6
Concen: 151.372 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1382767

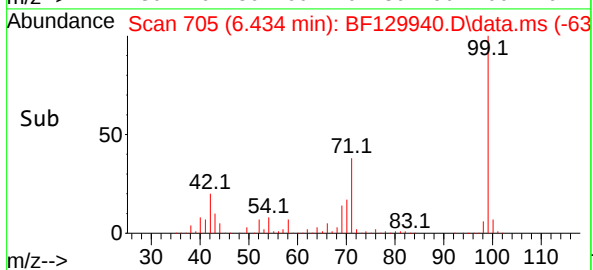
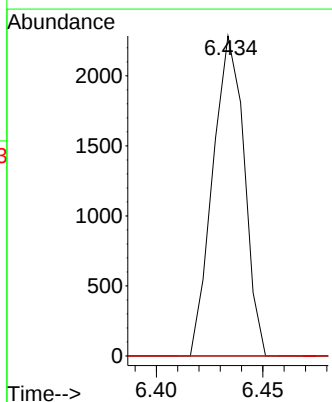
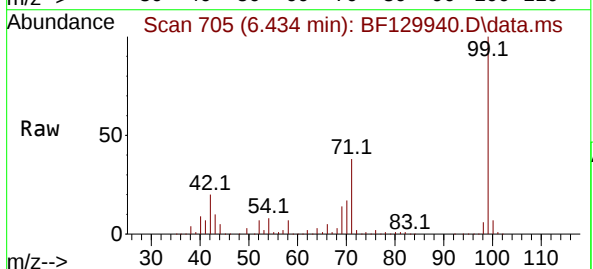
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.0	22.4
71	38.4	28.8	43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Tgt Ion: 77 Resp: 2344

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: 20.717 ng

RT: 7.345 min Scan# 80

Delta R.T. 0.147 min

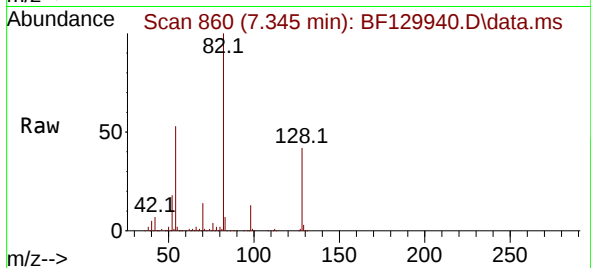
Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 119620

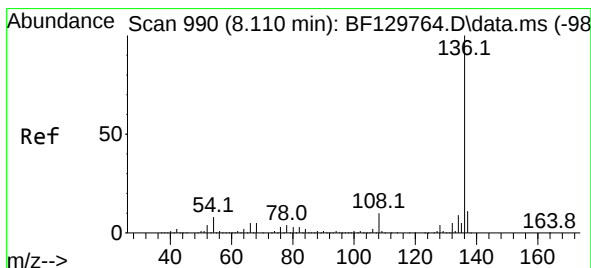
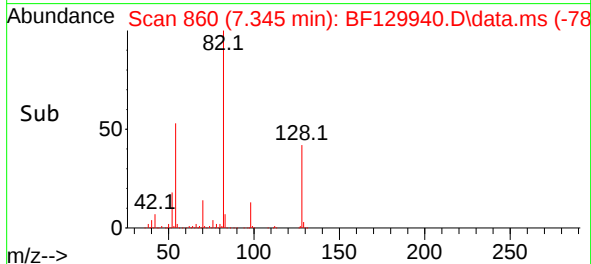
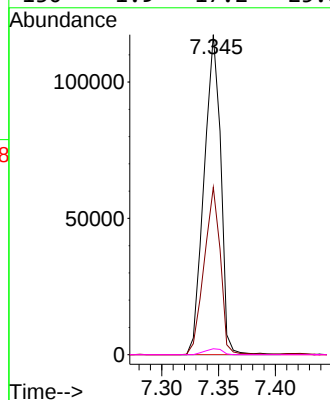
Ion Ratio Lower Upper

70 100

42 52.3 47.6 71.4

101 0.0 8.1 12.1#

130 1.9 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

Tgt Ion: 136 Resp: 501737

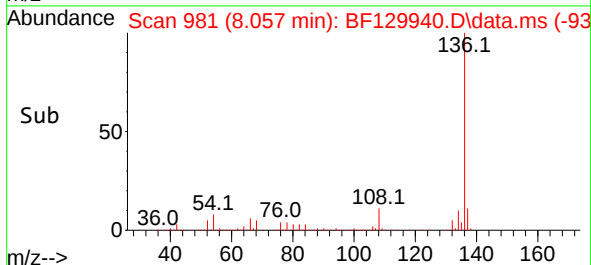
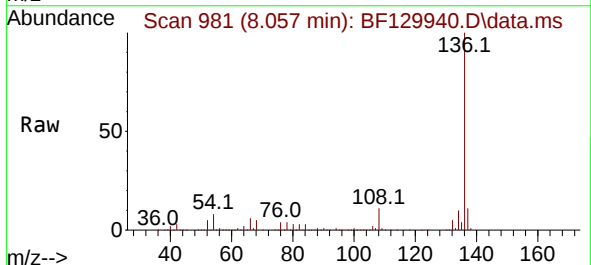
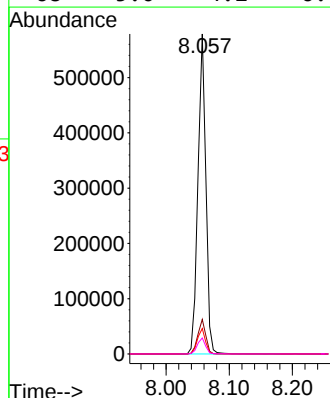
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.0 6.2 9.2

68 5.0 4.2 6.4

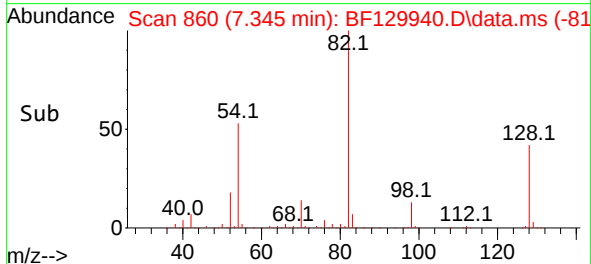
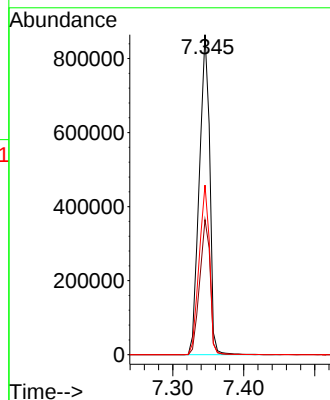
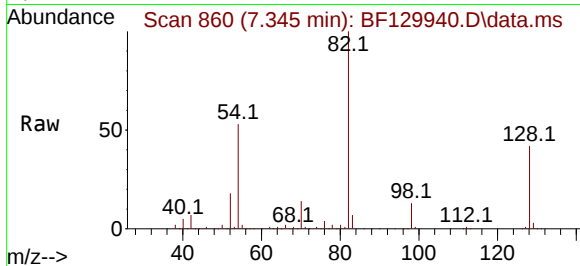




#23
Nitrobenzene-d5
Concen: 94.523 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

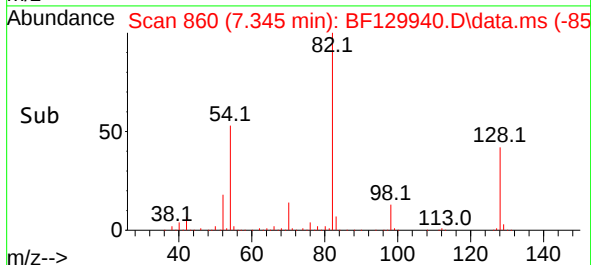
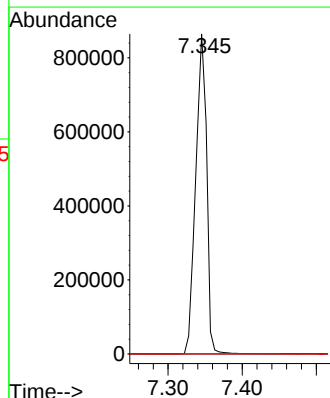
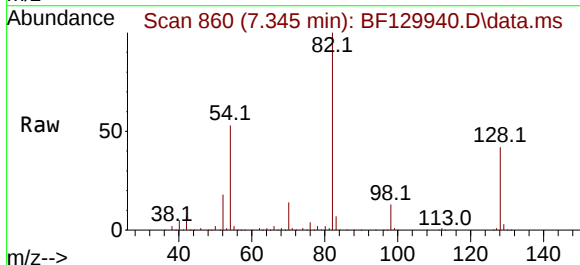
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 885932
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 53.0 40.0 60.0



#25
Isophorone
Concen: 54.918 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

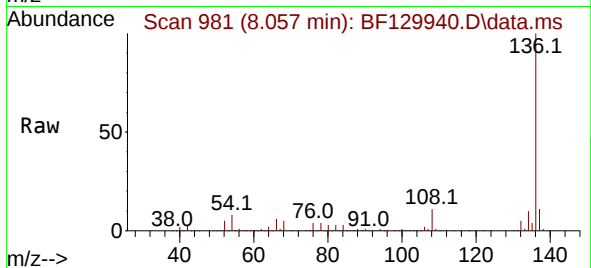
Tgt Ion: 82 Resp: 885923
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



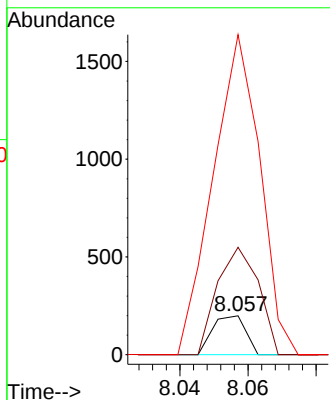
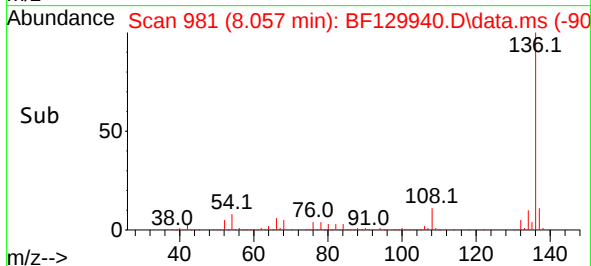


#32
Benzoic acid
Concen: 2.208 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.177 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Instrument :
BNA_F
ClientSampleId :

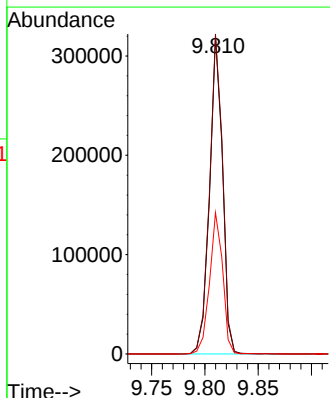
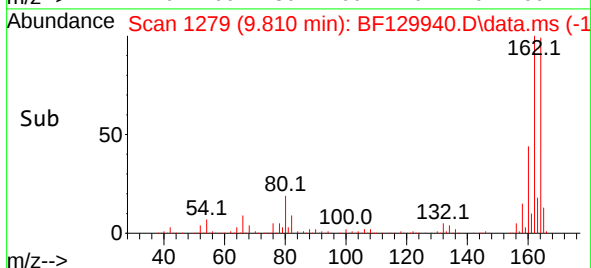
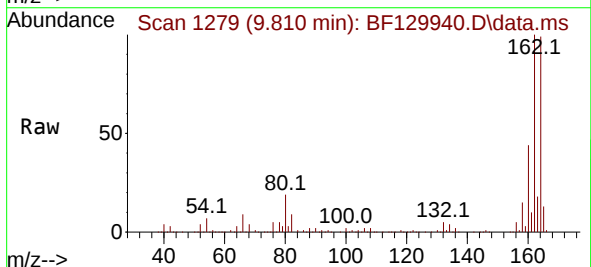


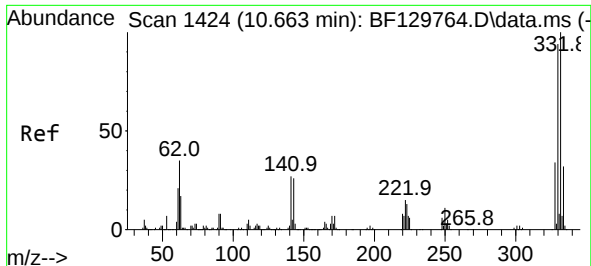
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 275.9 99.9 139.9#
77 822.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Tgt Ion:164 Resp: 269927
Ion Ratio Lower Upper
164 100
162 100.7 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 153.529 ng

RT: 10.610 min Scan# 1415

Delta R.T. 0.000 min

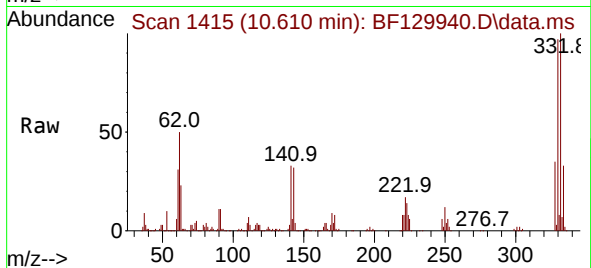
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Acq: 22 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :



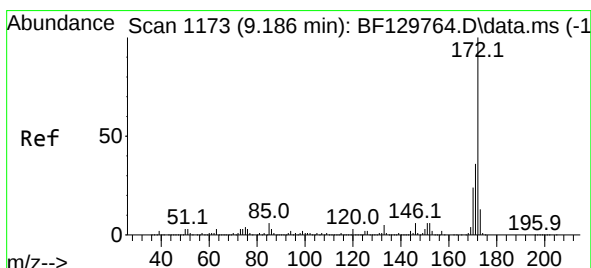
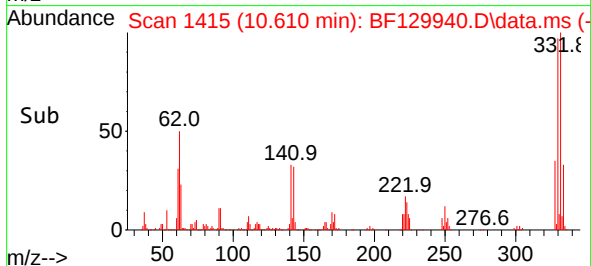
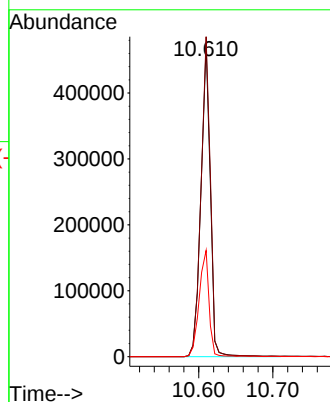
Tgt Ion:330 Resp: 415929

Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 36.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 89.835 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

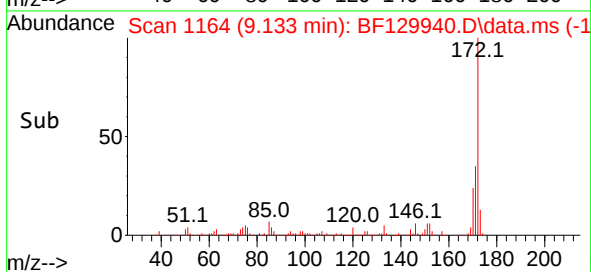
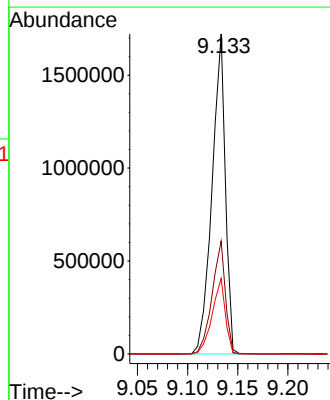
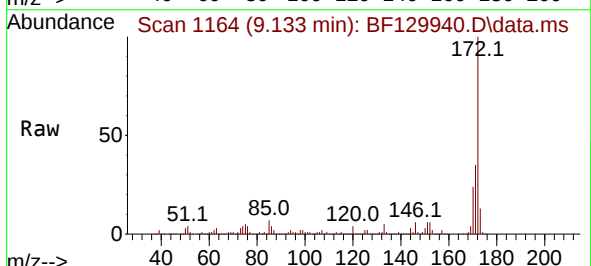
Tgt Ion:172 Resp: 1596579

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.365 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

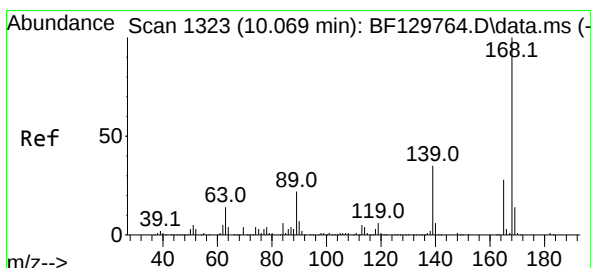
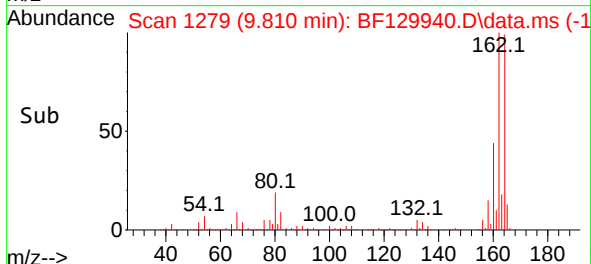
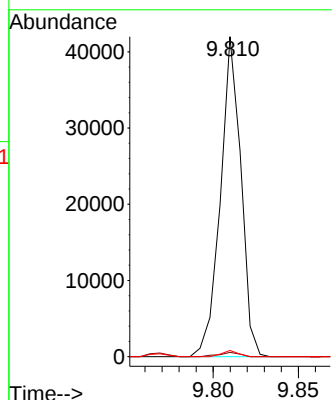
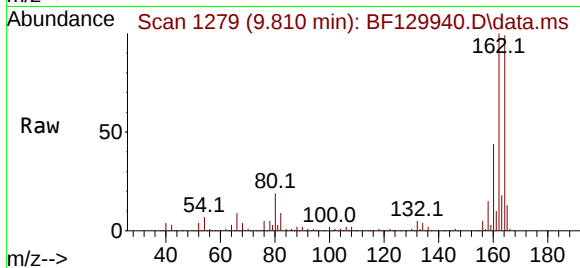
Tgt Ion:165 Resp: 35111

Ion Ratio Lower Upper

165 100

63 1.4 47.8 71.8#

89 2.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.444 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

Tgt Ion:165 Resp: 35111

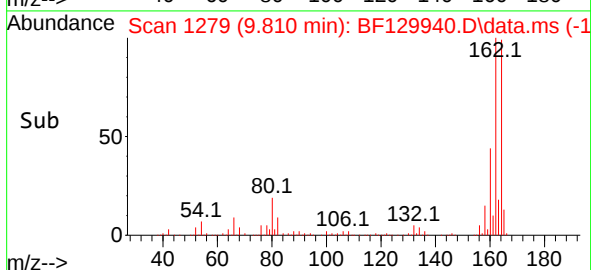
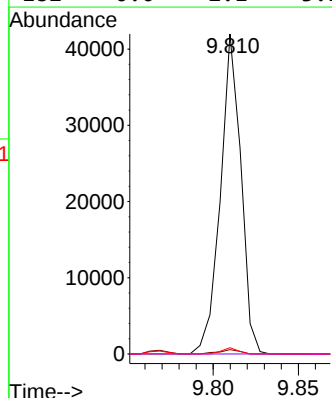
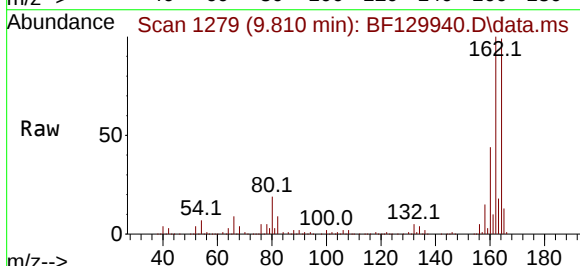
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 2.0 62.3 93.5#

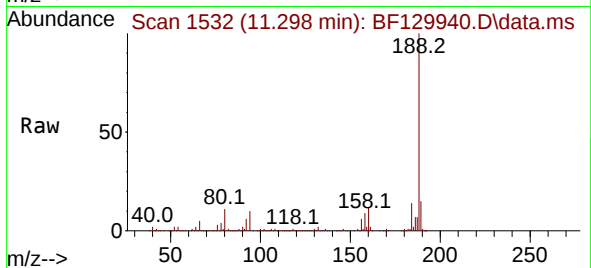
182 0.0 2.1 3.1#



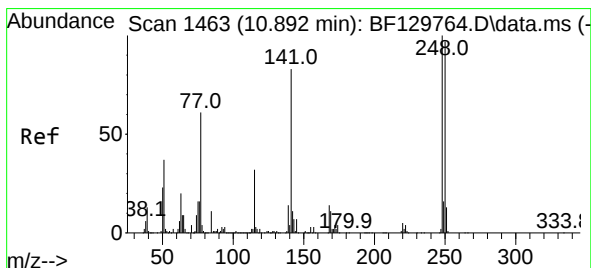
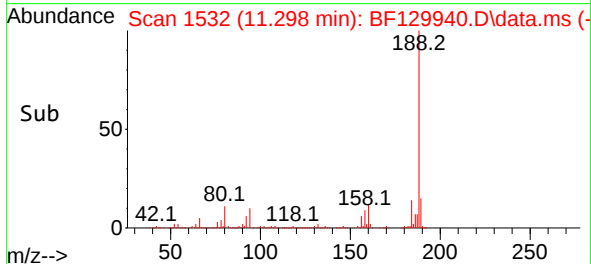
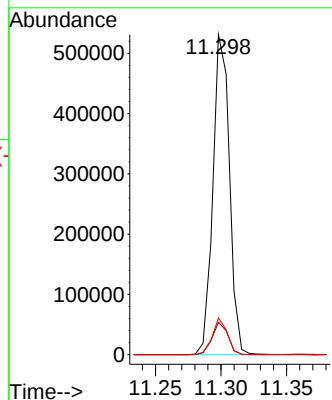


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Instrument :
BNA_F
ClientSampleId :

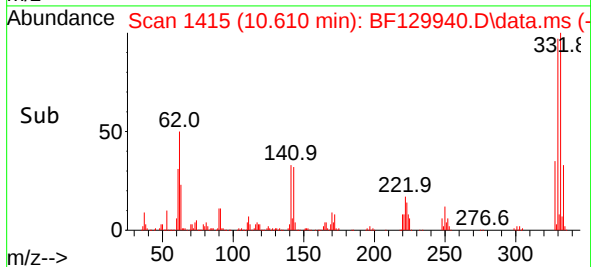
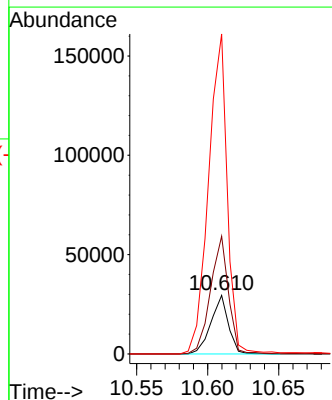
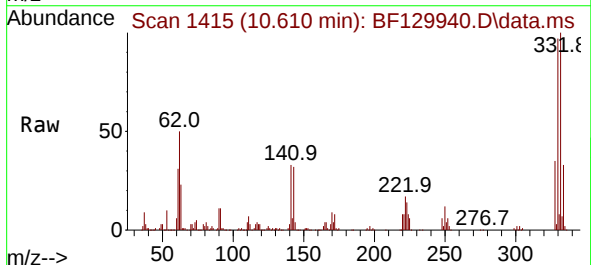


Tgt Ion:188 Resp: 465597
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129940.D
Acq: 22 Aug 2022 14:58

Tgt Ion:248 Resp: 25298
Ion Ratio Lower Upper
248 100
250 200.9 77.8 116.6#
141 546.3 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF129940.D

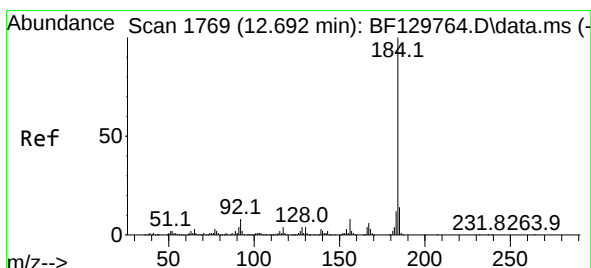
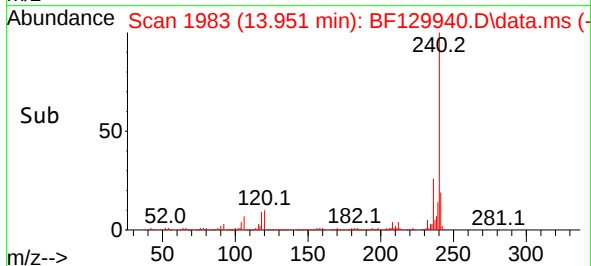
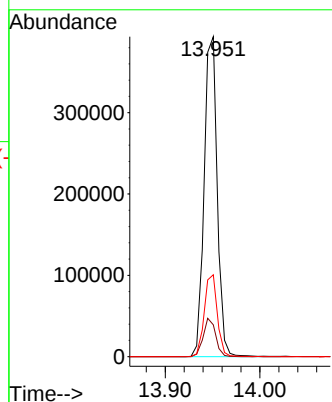
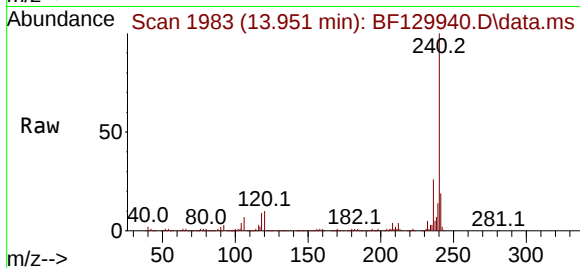
Acq: 22 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240 Resp: 379052
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.2 13.8
 236 25.6 20.7 31.1



#77

Benzidine

Concen: Below Cal

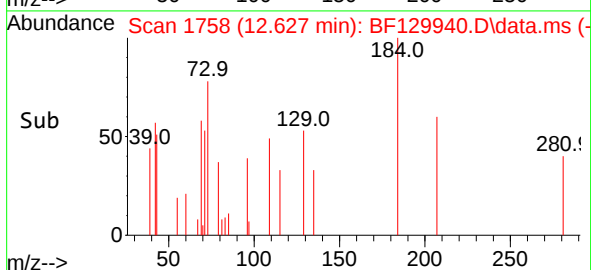
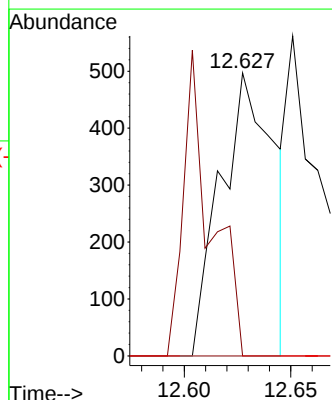
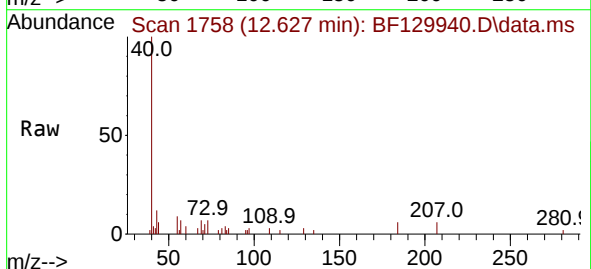
RT: 12.627 min Scan# 1758

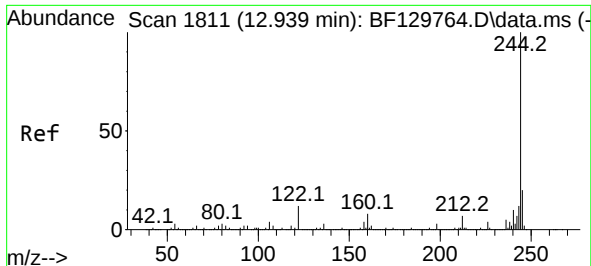
Delta R.T. -0.018 min

Lab File: BF129940.D

Acq: 22 Aug 2022 14:58

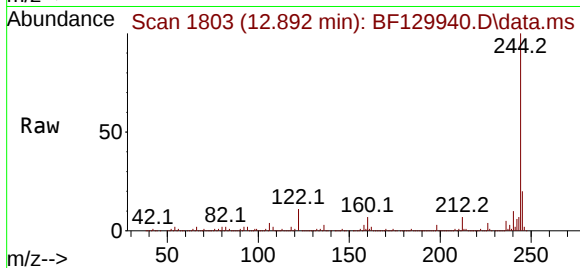
Tgt Ion:184 Resp: 863
 Ion Ratio Lower Upper
 184 100
 185 0.0 11.4 17.2#
 183 0.0 9.4 14.2#



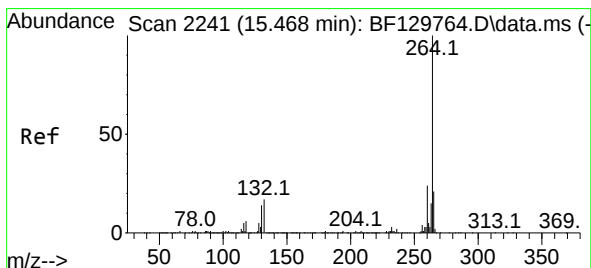
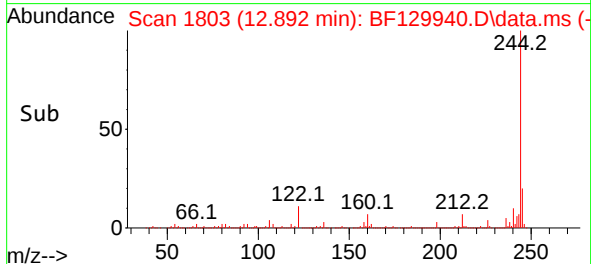
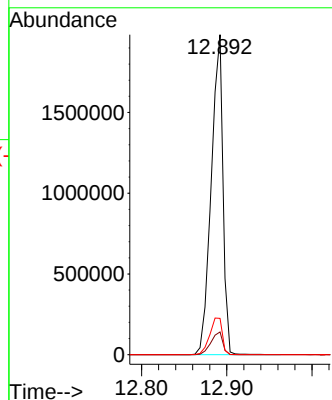


#79
 Terphenyl-d14
 Concen: 82.873 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. 0.006 min
 Lab File: BF129940.D
 Acq: 22 Aug 2022 14:58

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1887891
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129940.D
 Acq: 22 Aug 2022 14:58

Tgt Ion:264 Resp: 338079
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.4 16.7 25.1

