

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130004.D
 Acq On : 25 Aug 2022 17:44
 Operator : CG\JU
 Sample : N4283-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 337

Quant Time: Aug 26 01:00:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

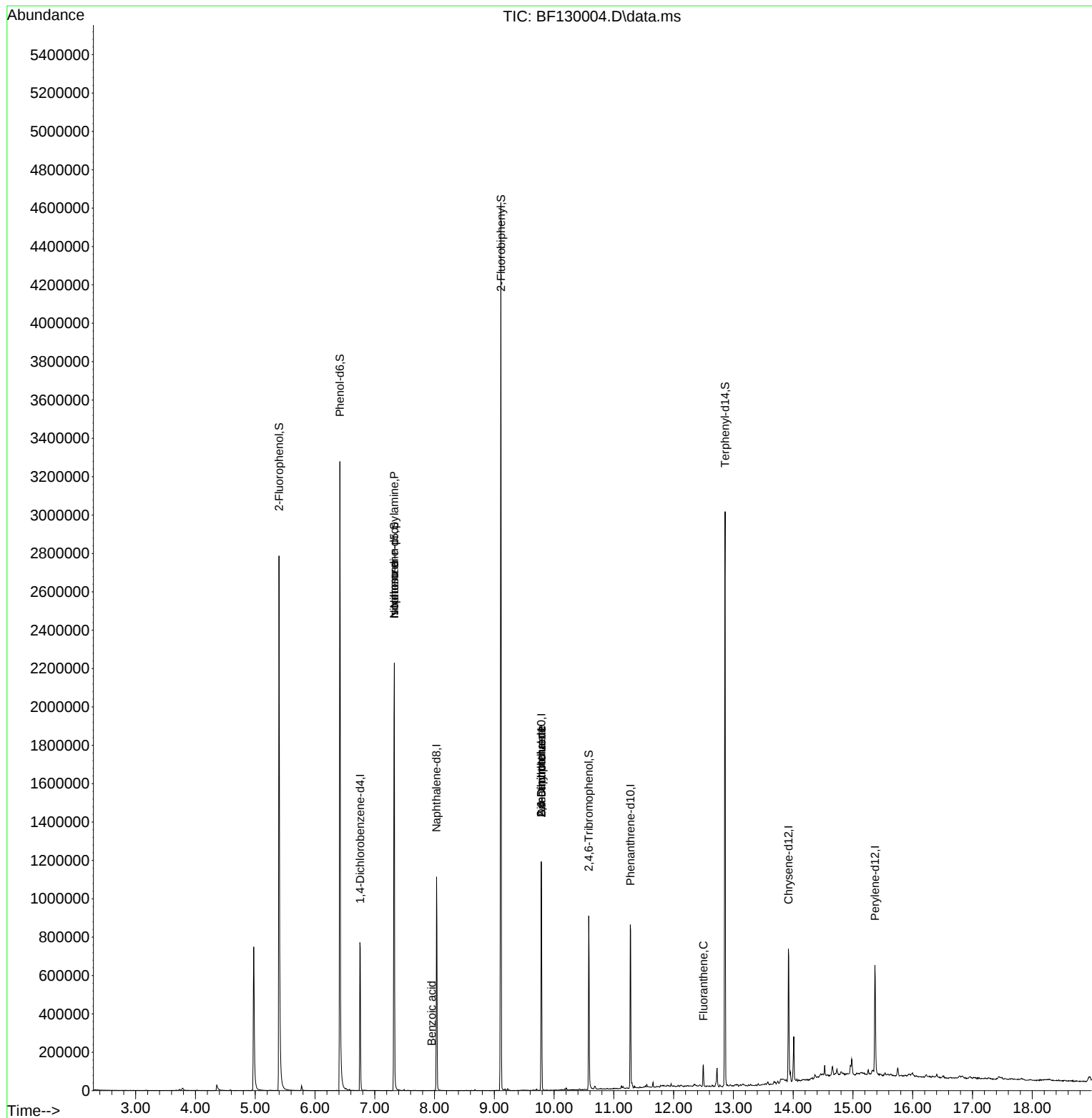
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	117892	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	457819	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	224695	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	311609	20.000	ng	0.00
76) Chrysene-d12	13.921	240	237387	20.000	ng	0.00
86) Perylene-d12	15.368	264	248111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	769443	108.062	ng	0.00
7) Phenol-d6	6.416	99	1076950	120.779	ng	0.00
23) Nitrobenzene-d5	7.328	82	722445	84.474	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	96545	42.811	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1263640	85.415	ng	0.00
79) Terphenyl-d14	12.862	244	958266	67.169	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	1523	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.328	70	97500	17.299	ng	# 75
25) Isophorone	7.328	82	722440	49.080	ng	# 65
32) Benzoic acid	7.951	122	59	2.177	ng	# 1
50) Dimethylphthalate	9.786	163	37836	2.349	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	28830	8.251	ng	# 23
57) 2,4-Dinitrotoluene	9.786	165	28830	6.356	ng	# 18
75) Fluoranthene	12.498	202	44758	2.513	ng	98
77) Benzidine	12.862	184	14706	Below Cal	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130004.D
Acq On : 25 Aug 2022 17:44
Operator : CG\JU
Sample : N4283-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
337

Quant Time: Aug 26 01:00:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

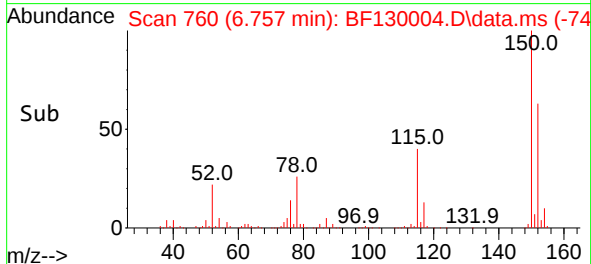
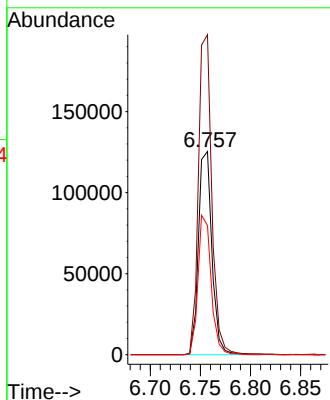
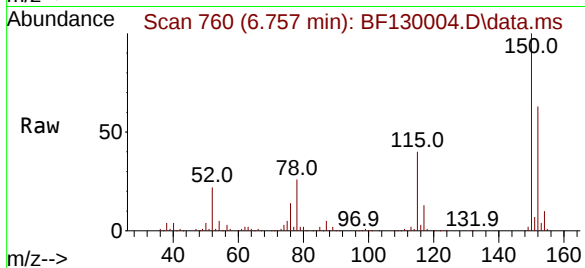




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

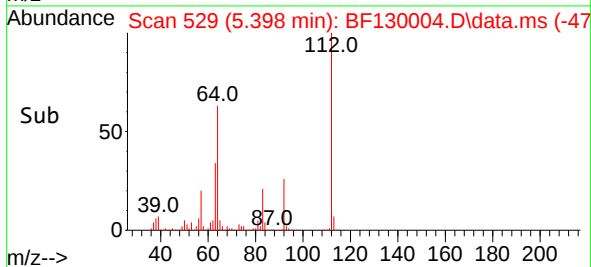
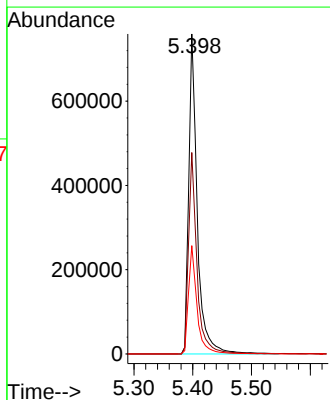
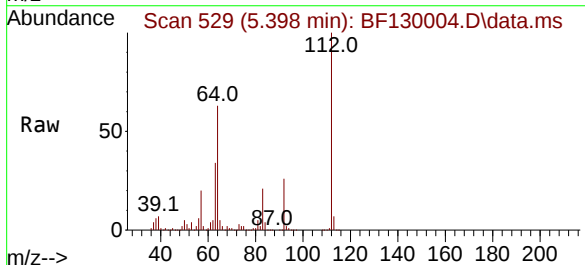
Instrument :
BNA_F
ClientSampleId :
337

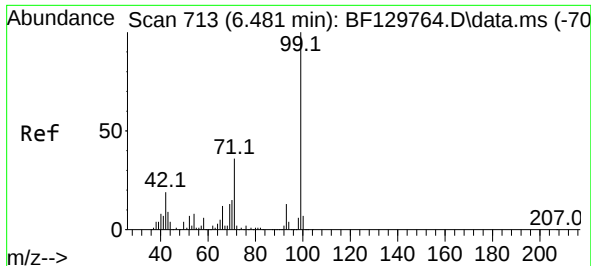
Tgt Ion:152 Resp: 117892
Ion Ratio Lower Upper
152 100
150 157.5 126.9 190.3
115 63.5 53.4 80.0



#5
2-Fluorophenol
Concen: 108.062 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.006 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:112 Resp: 769443
Ion Ratio Lower Upper
112 100
64 63.0 47.6 71.4
63 33.9 24.6 37.0

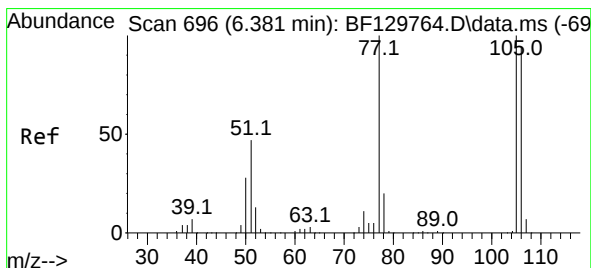
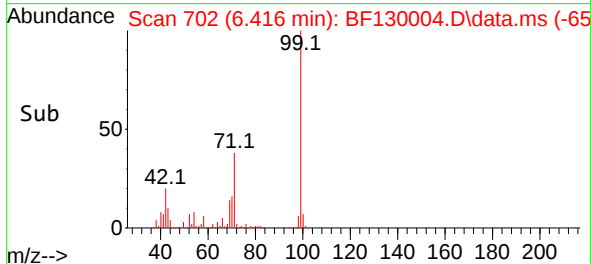
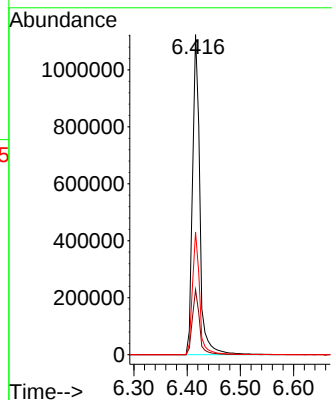
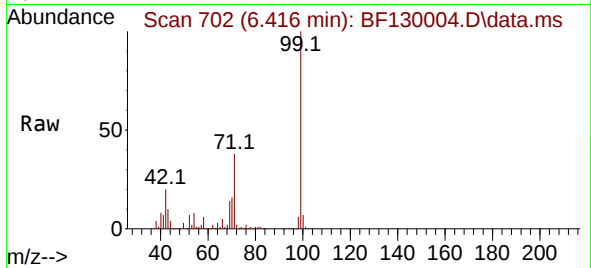




#7
Phenol-d6
Concen: 120.779 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

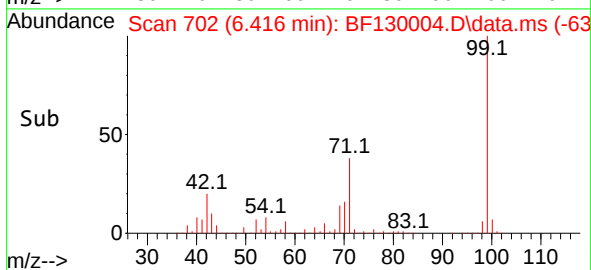
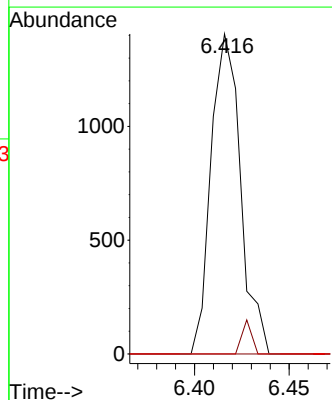
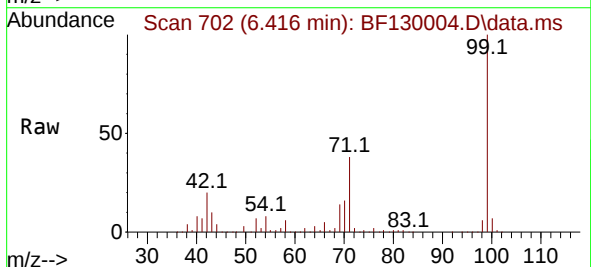
Instrument :
BNA_F
ClientSampleId :
337

Tgt Ion: 99 Resp: 1076950
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 38.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 702
Delta R.T. 0.100 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion: 77 Resp: 1523
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

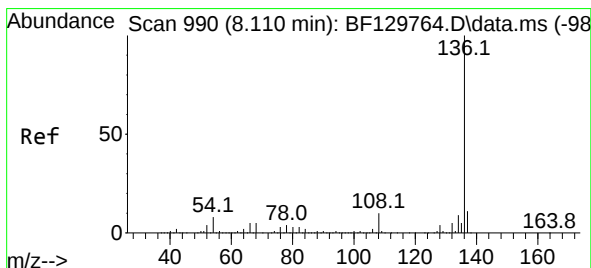
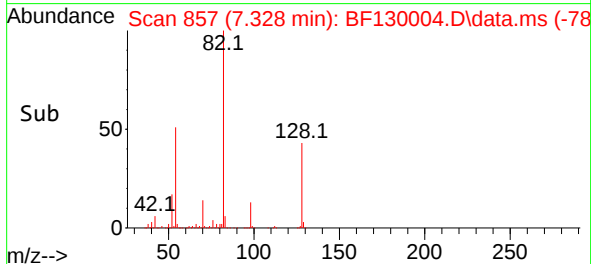
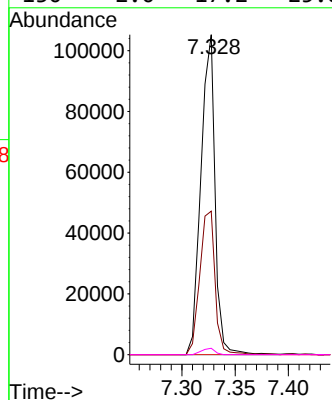
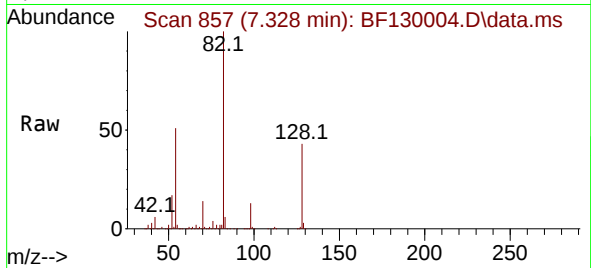




#19
n-Nitroso-di-n-propylamine
Concen: 17.299 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

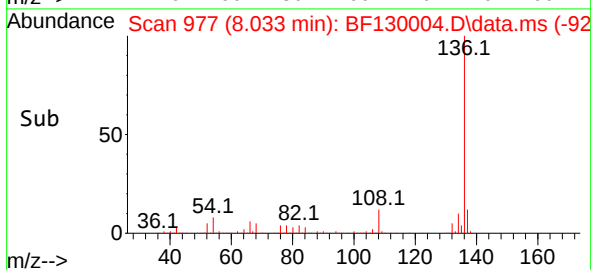
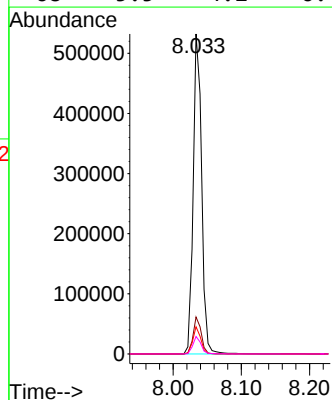
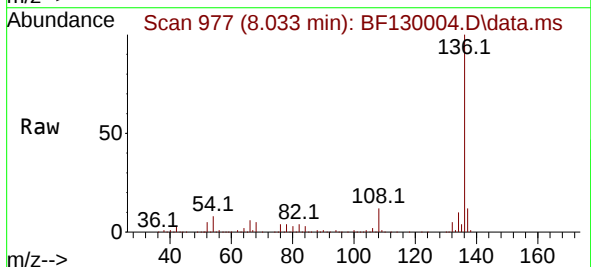
Instrument :
BNA_F
ClientSampleId :
337

Tgt Ion: 70 Resp: 97500
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion: 136 Resp: 457819
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 8.5 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 84.474 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

Instrument :

BNA_F

ClientSampleId :

337

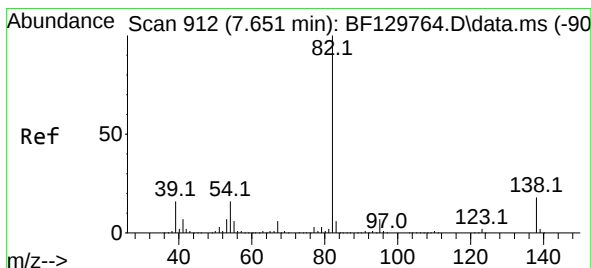
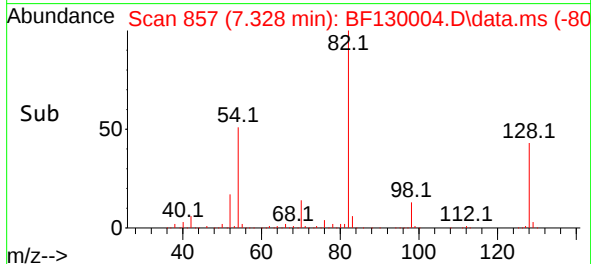
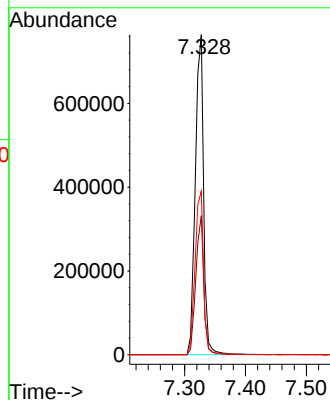
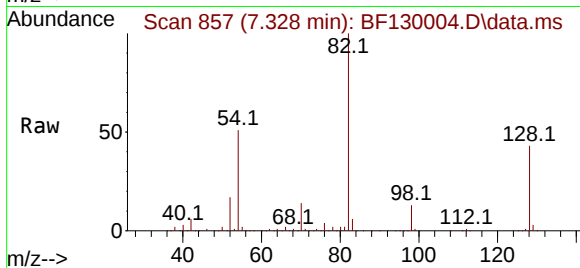
Tgt Ion: 82 Resp: 722445

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

54 51.2 40.0 60.0



#25

Isophorone

Concen: 49.080 ng

RT: 7.328 min Scan# 857

Delta R.T. -0.259 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

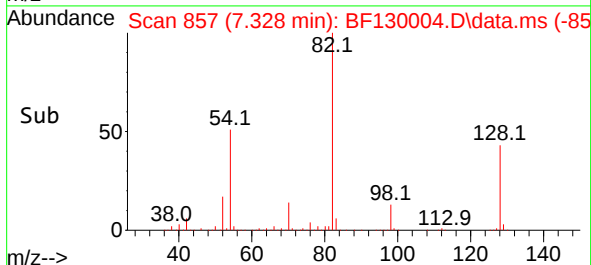
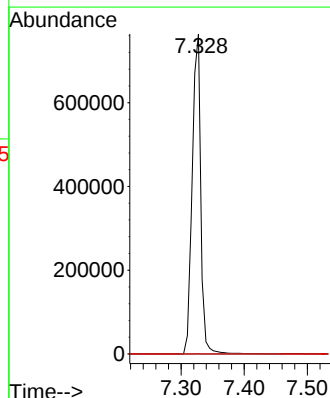
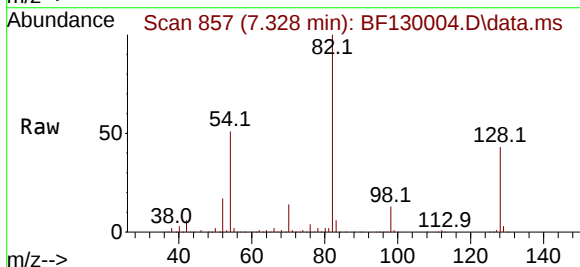
Tgt Ion: 82 Resp: 722440

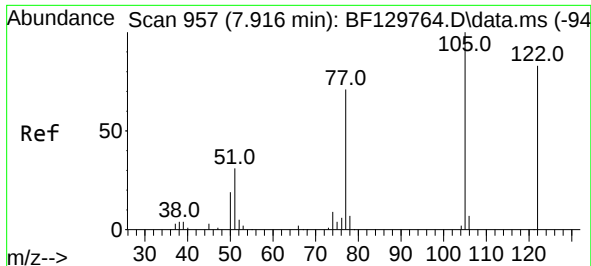
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

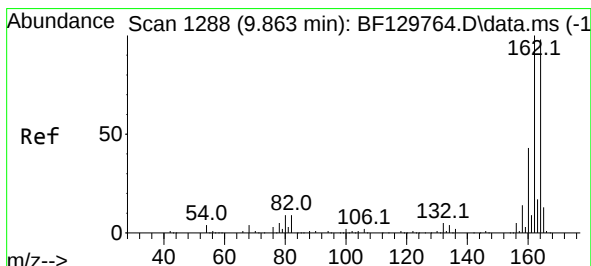
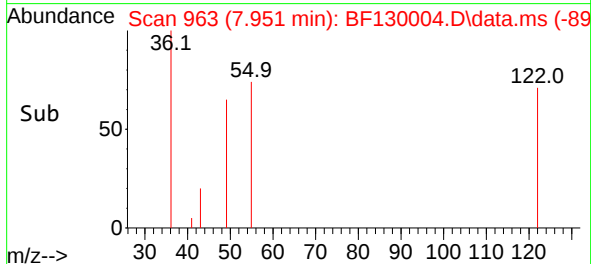
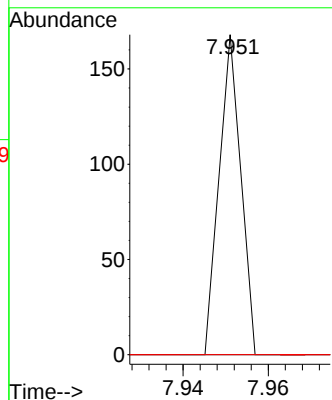
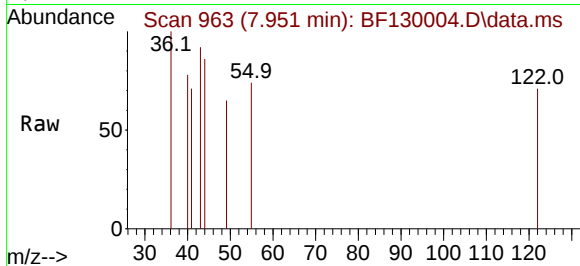




#32
Benzoic acid
Concen: 2.177 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.088 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

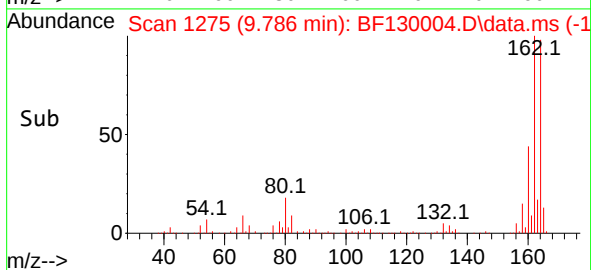
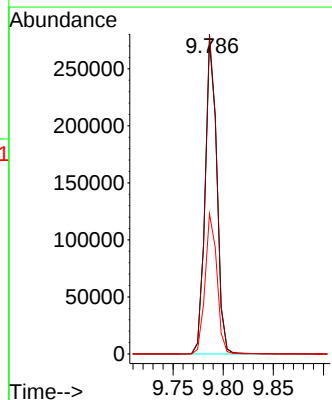
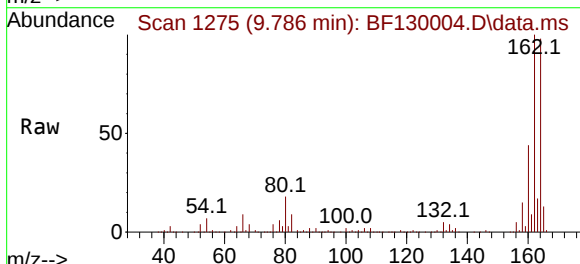
Instrument :
BNA_F
ClientSampleId :
337

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:164 Resp: 224695
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 42.811 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

Instrument :

BNA_F

ClientSampleId :

337

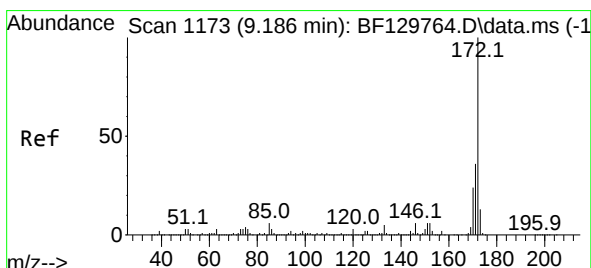
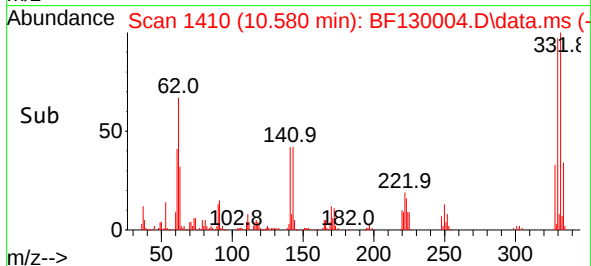
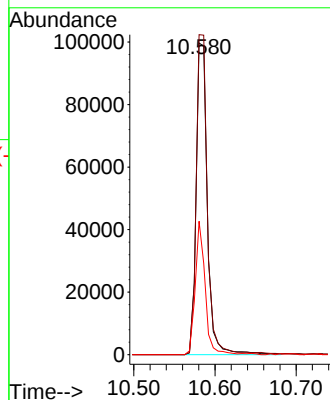
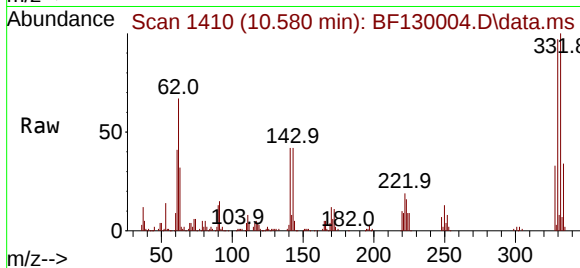
Tgt Ion:330 Resp: 96545

Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 37.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.415 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

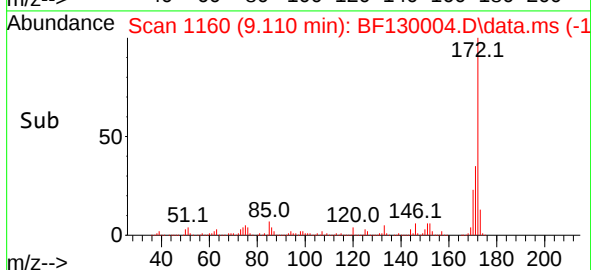
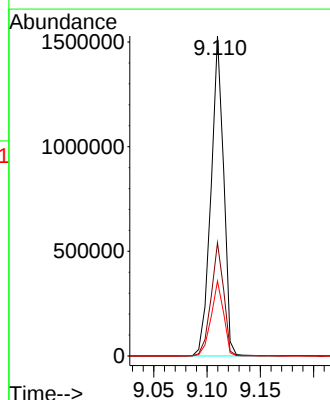
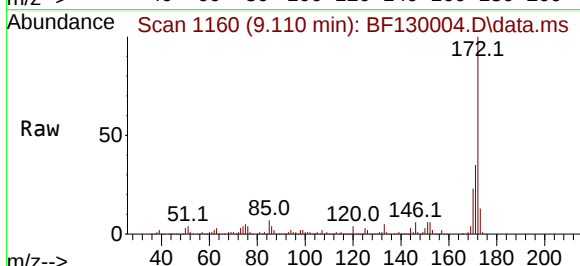
Tgt Ion:172 Resp: 1263640

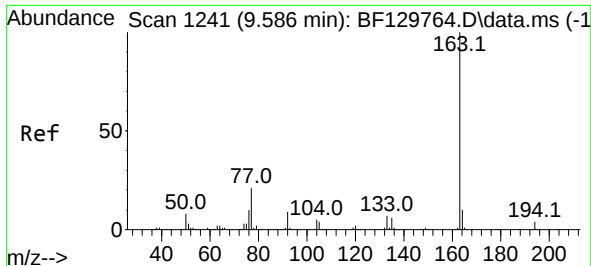
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7

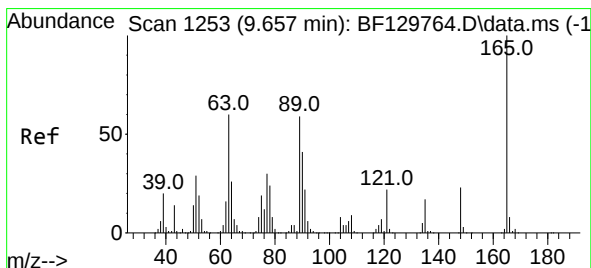
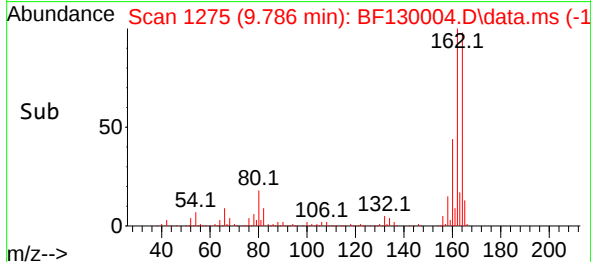
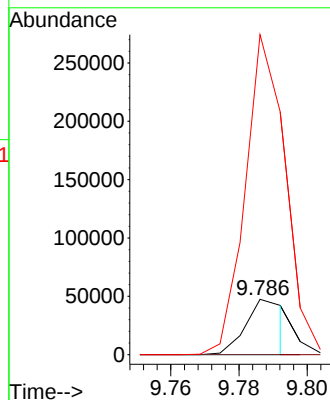
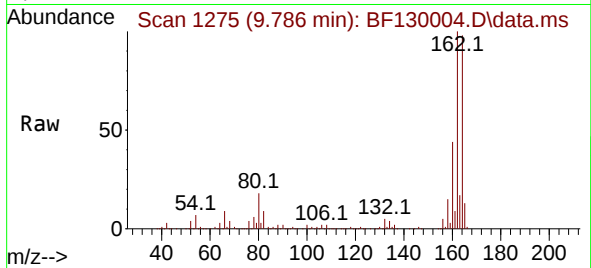




#50
Dimethylphthalate
Concen: 2.349 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

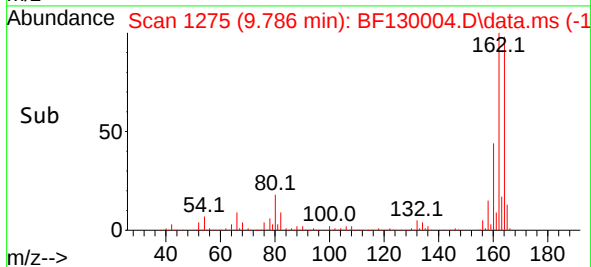
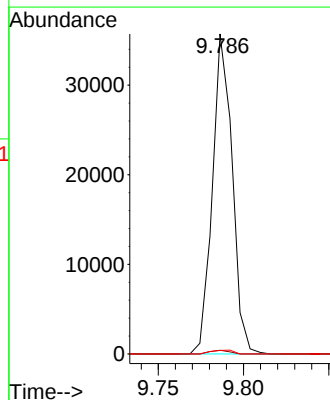
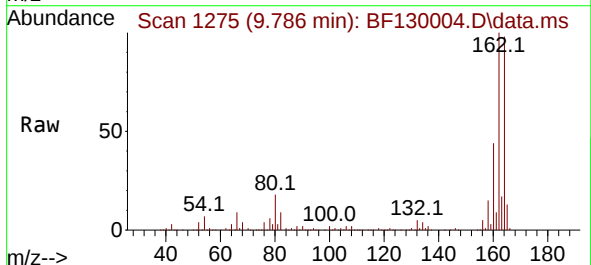
Instrument :
BNA_F
ClientSampleId :
337

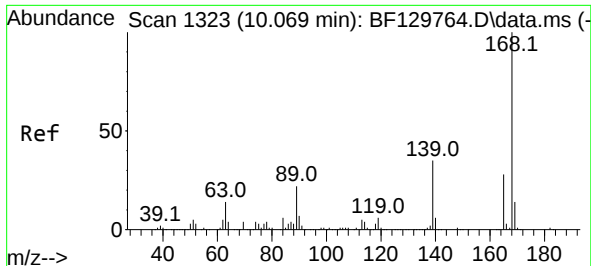
Tgt Ion:163 Resp: 37836
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 578.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.194 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:165 Resp: 28830
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.1 47.2 70.8#

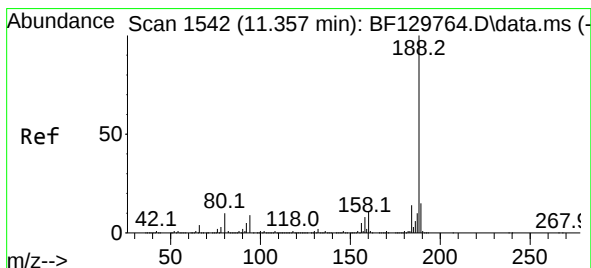
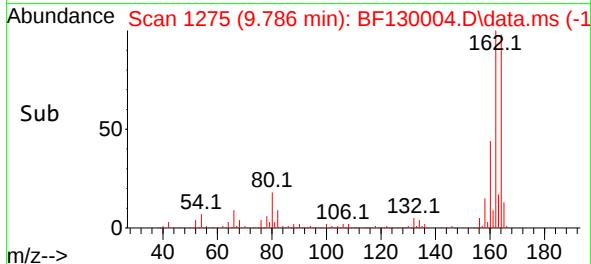
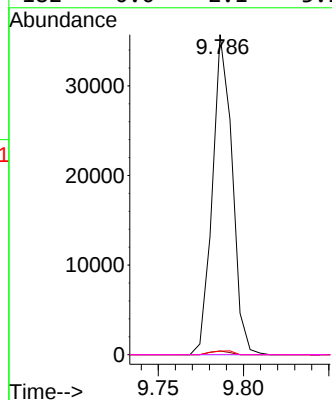
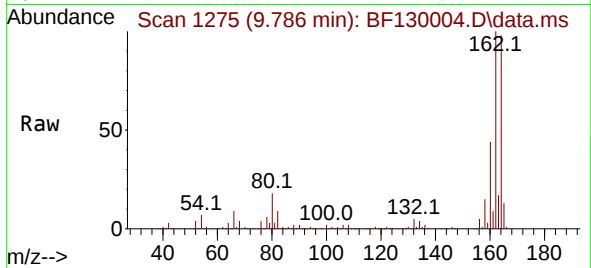




#57
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

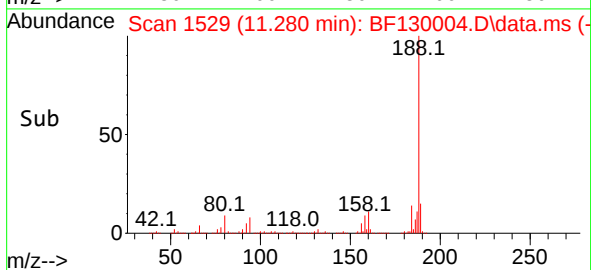
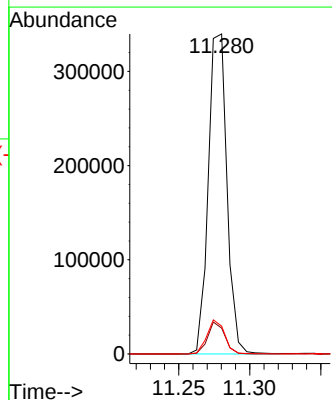
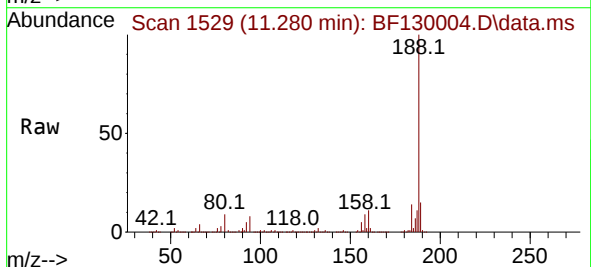
Instrument :
BNA_F
ClientSampleId :
337

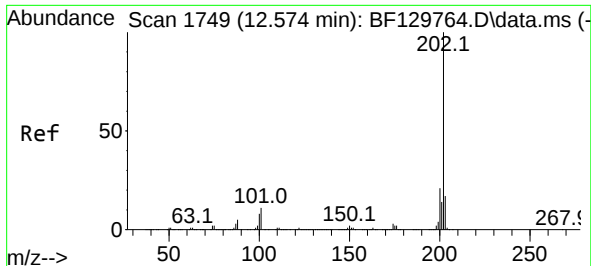
Tgt Ion:165	Resp:	28830
Ion Ratio	Lower	Upper
165	100	
63	1.1	48.4 72.6#
89	1.1	62.3 93.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:188	Resp:	311609
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.4 11.2
80	8.7	7.9 11.9

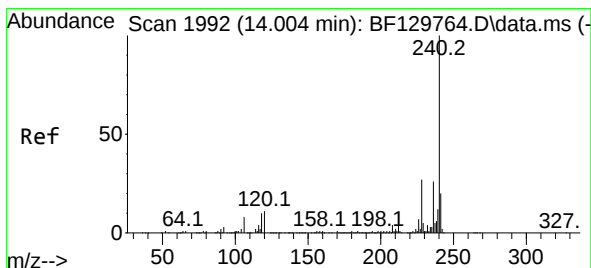
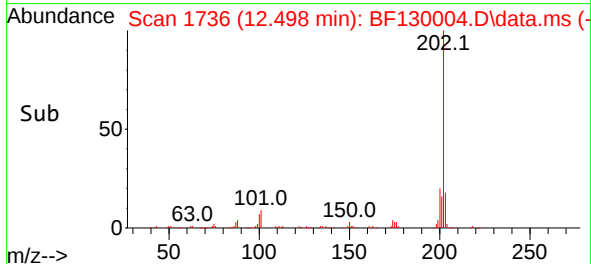
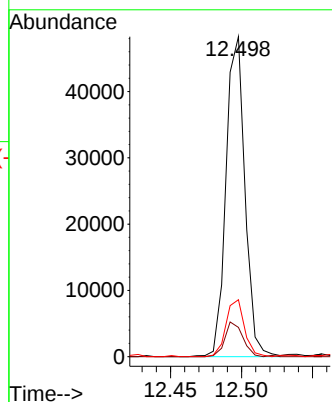
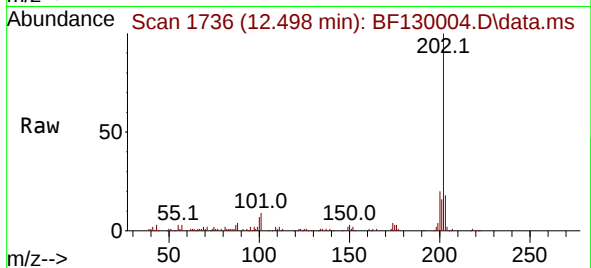




#75
Fluoranthene
Concen: 2.513 ng
RT: 12.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

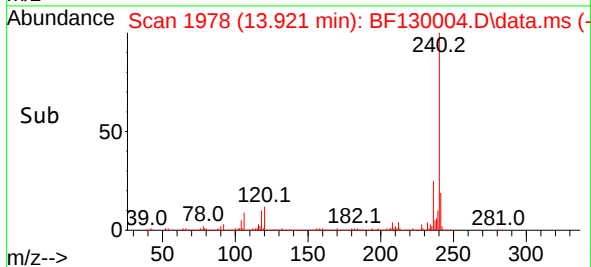
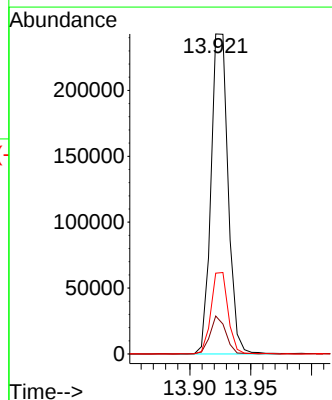
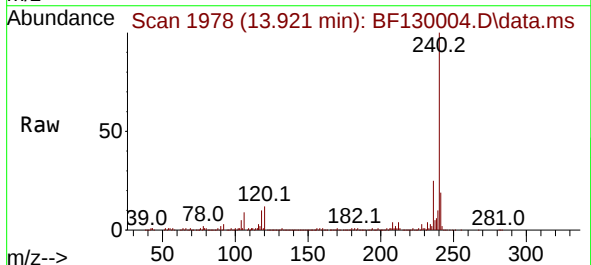
Instrument :
BNA_F
ClientSampleId :
337

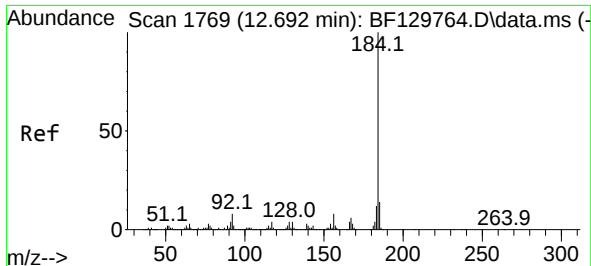
Tgt Ion:202 Resp: 44758
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:240 Resp: 237387
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.2 20.7 31.1

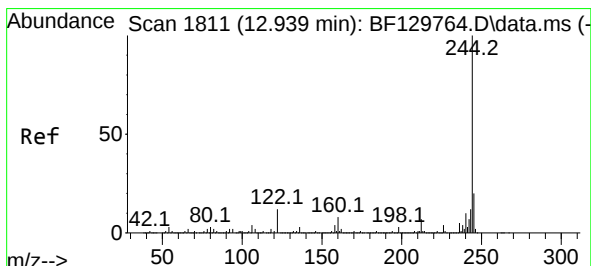
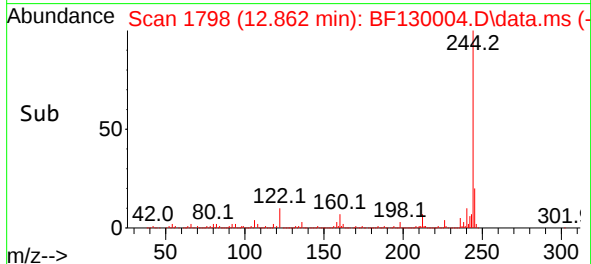
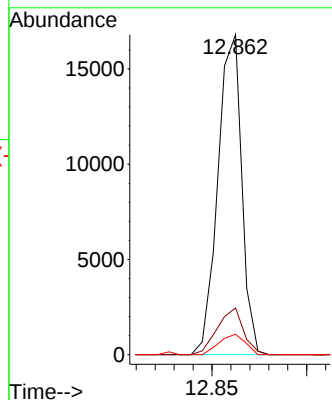
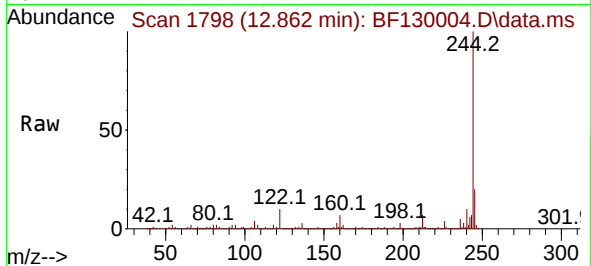




#77
Benzidine
Concen: Below Cal
RT: 12.862 min Scan# 1798
Delta R.T. 0.241 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

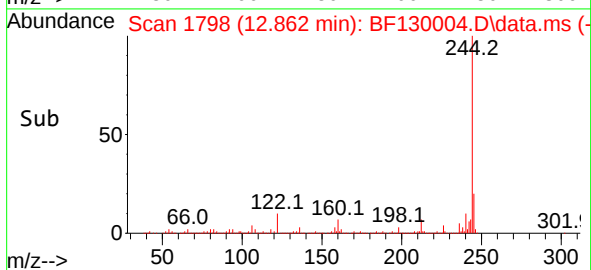
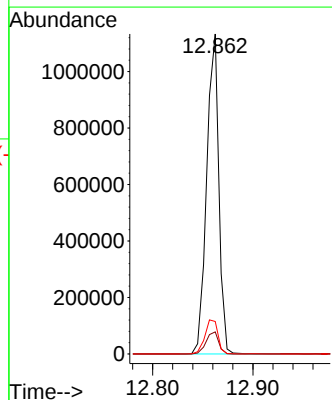
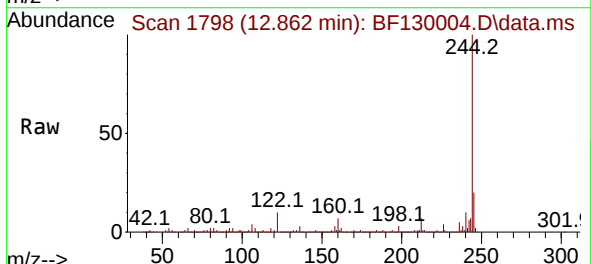
Instrument :
BNA_F
ClientSampleId :
337

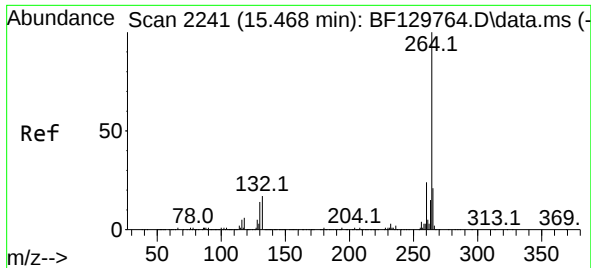
Tgt Ion:184 Resp: 14706
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.169 ng
RT: 12.862 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF130004.D
Acq: 25 Aug 2022 17:44

Tgt Ion:244 Resp: 958266
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.1 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.368 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130004.D
 Acq: 25 Aug 2022 17:44

Instrument :
 BNA_F
 ClientSampleId :
 337

Tgt Ion:264 Resp: 248111
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.0 16.7 25.1

