

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129808.D
 Acq On : 16 Aug 2022 13:17
 Operator : CG\JU
 Sample : N4136-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4RE

Quant Time: Aug 17 02:31:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

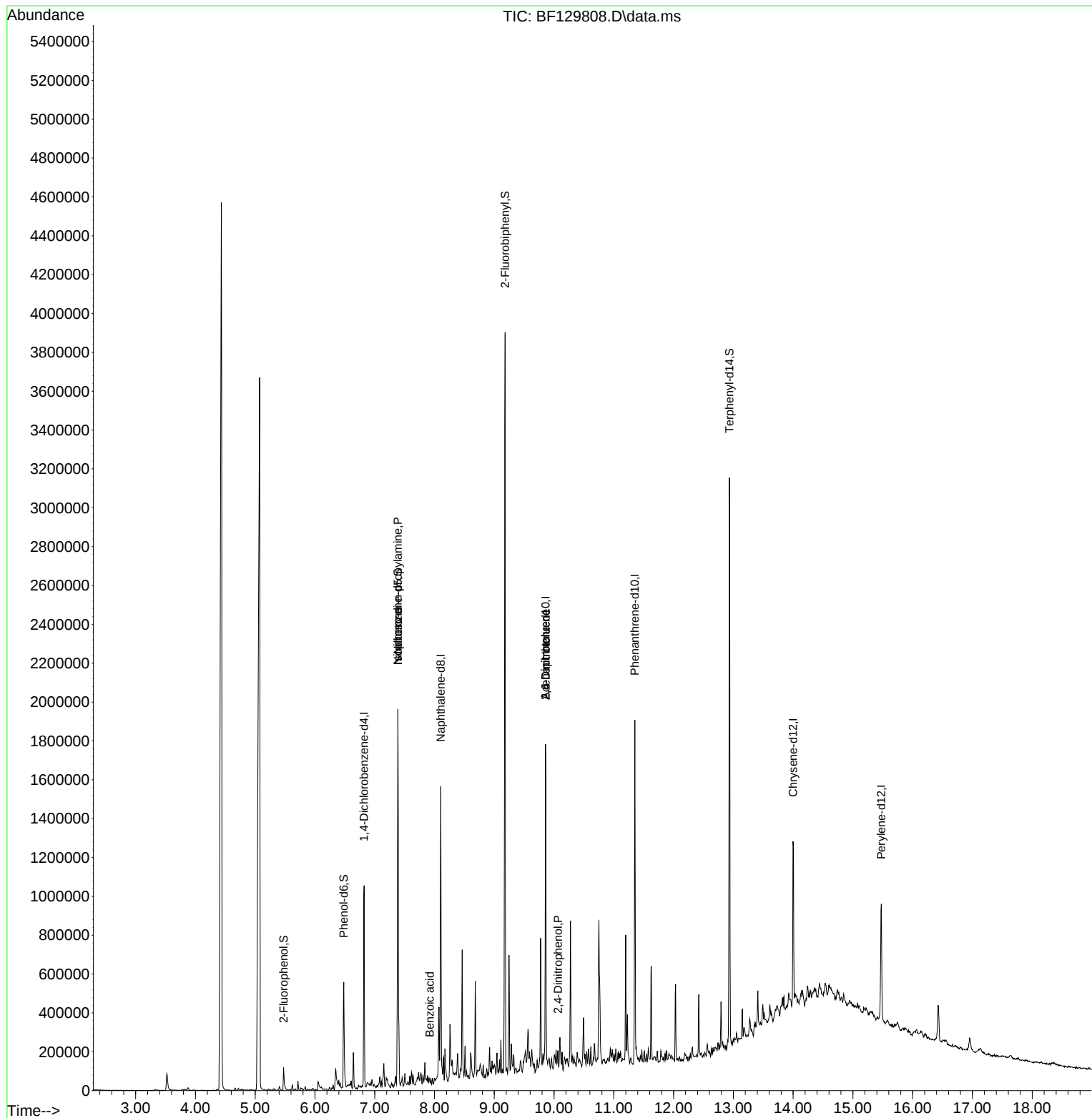
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159461	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	646958	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	343476	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	570507	20.000	ng	0.00
76) Chrysene-d12	13.998	240	301120	20.000	ng	0.00
86) Perylene-d12	15.474	264	286122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	39291	4.080	ng	0.01
7) Phenol-d6	6.481	99	213852	17.731	ng	0.00
23) Nitrobenzene-d5	7.387	82	641911	53.114	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	2295	0.666	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1175431	51.976	ng	0.00
79) Terphenyl-d14	12.933	244	1018299	56.269	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	598	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.387	70	91923	12.058	ng	# 76
25) Isophorone	7.387	82	639500	30.744	ng	# 65
32) Benzoic acid	7.922	122	280	2.245	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	47881	8.964	ng	# 24
54) 2,4-Dinitrophenol	10.069	184	65	5.497	ng	# 1
57) 2,4-Dinitrotoluene	9.857	165	47881	6.906	ng	# 19
77) Benzidine	12.704	184	1725	Below Cal	#	30

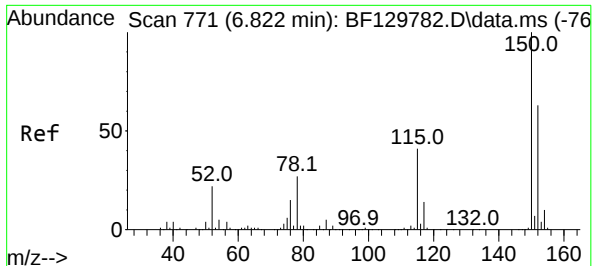
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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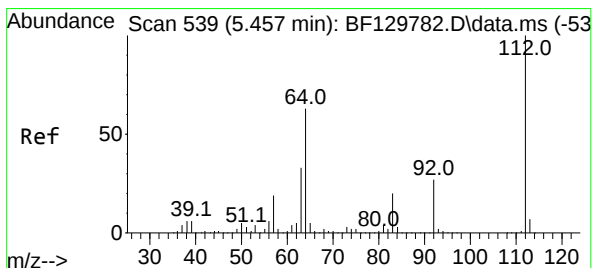
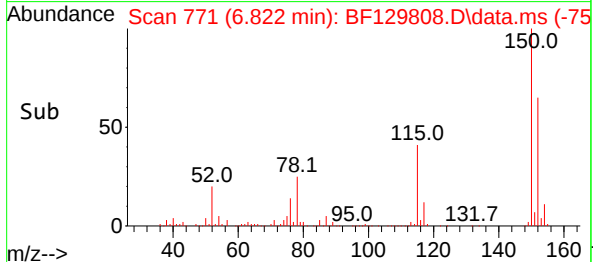
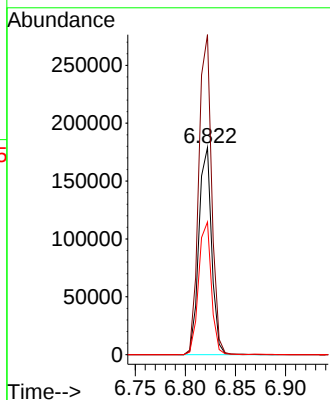
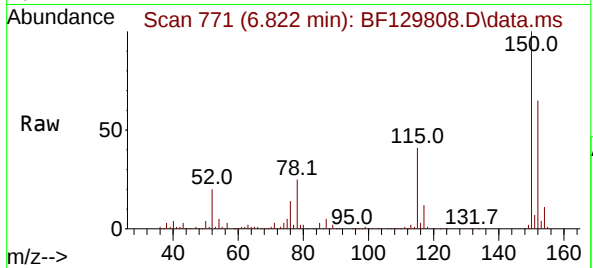




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

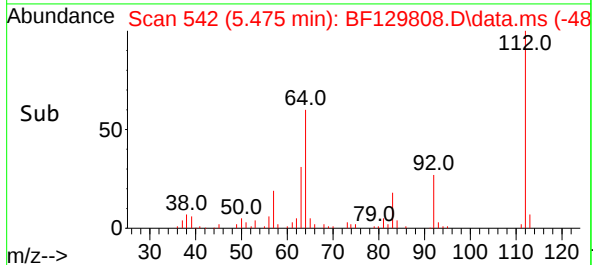
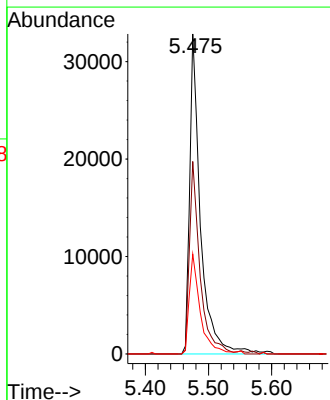
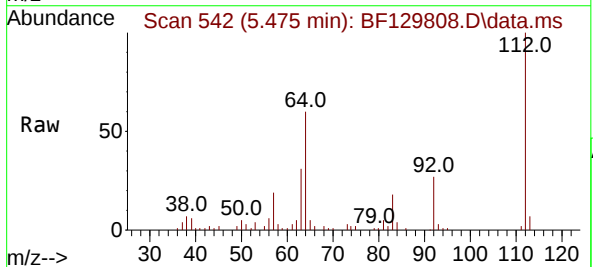
Instrument :
BNA_F
ClientSampleId :
WC-4RE

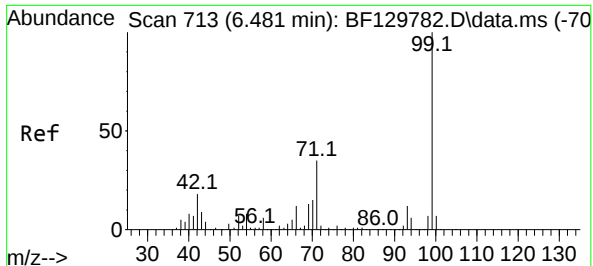
Tgt Ion:152 Resp: 159461
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 64.0 53.4 80.0



#5
2-Fluorophenol
Concen: 4.080 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.012 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:112 Resp: 39291
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.2 24.6 37.0

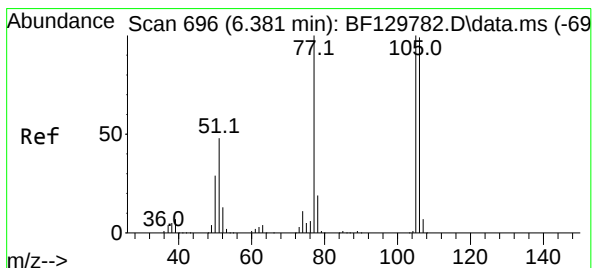
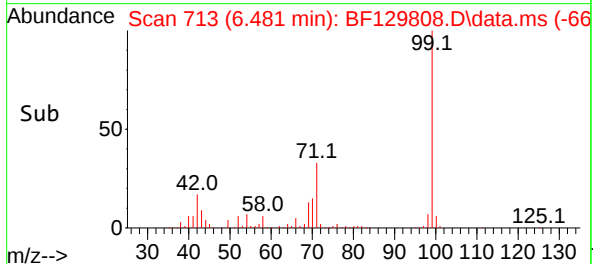
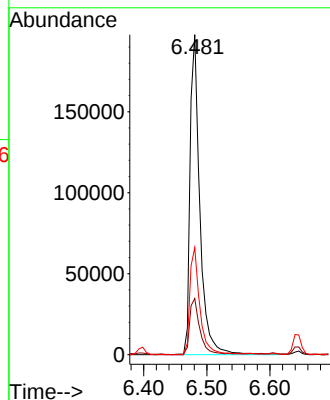
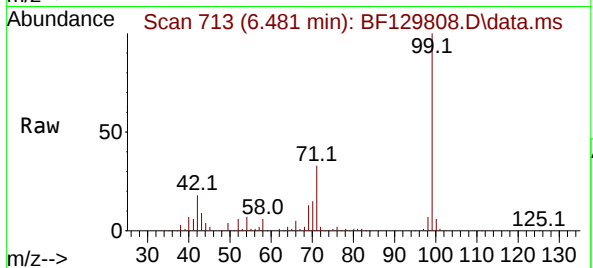




#7
Phenol-d6
Concen: 17.731 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

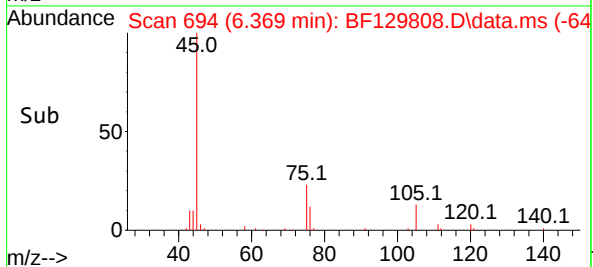
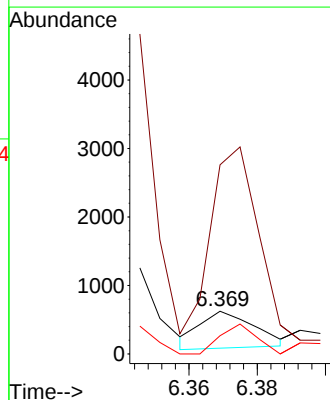
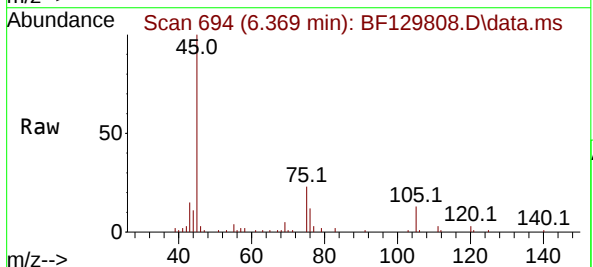
Instrument :
BNA_F
ClientSampleId :
WC-4RE

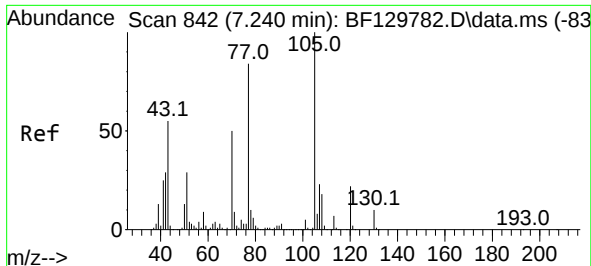
Tgt Ion: 99 Resp: 213852
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 33.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. -0.012 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion: 77 Resp: 598
Ion Ratio Lower Upper
77 100
105 442.6 80.3 120.3#
106 42.8 74.3 114.3#

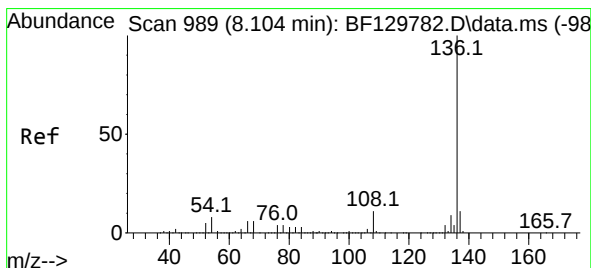
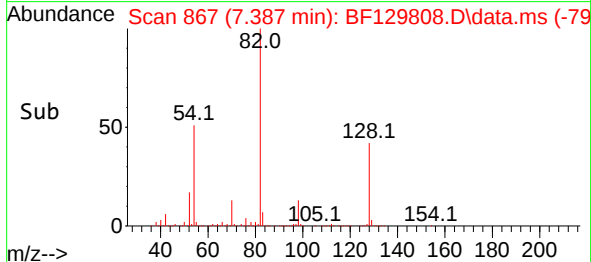
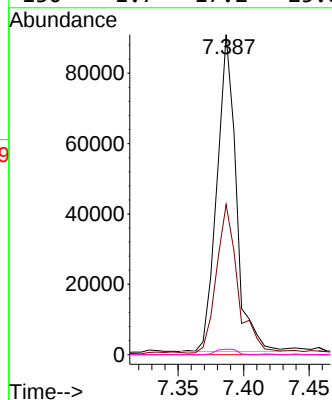
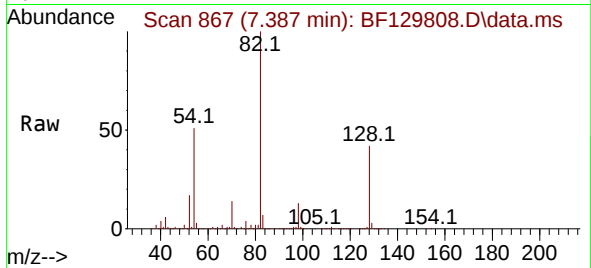




#19
n-Nitroso-di-n-propylamine
Concen: 12.058 ng
RT: 7.387 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

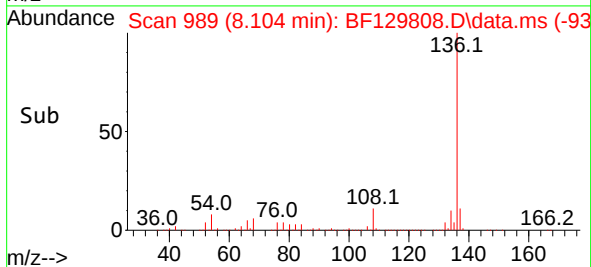
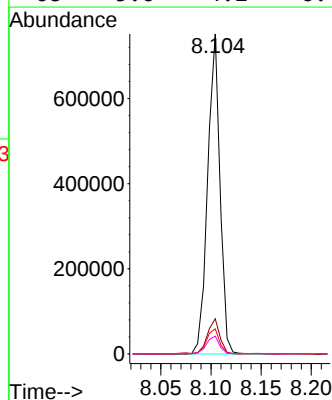
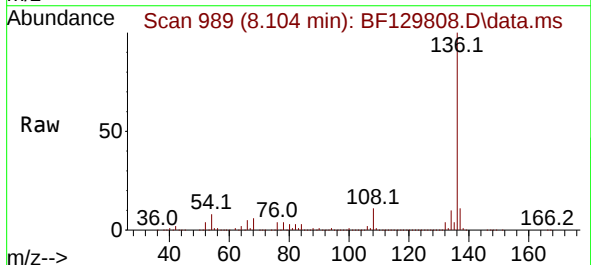
Instrument :
BNA_F
ClientSampleId :
WC-4RE

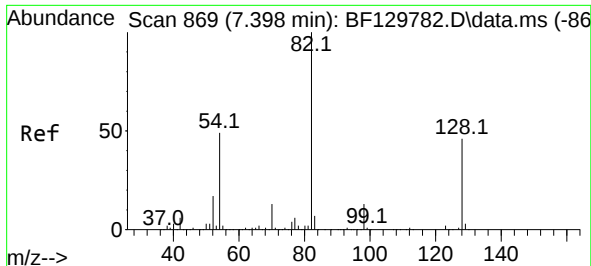
Tgt Ion: 70 Resp: 91923
Ion Ratio Lower Upper
70 100
42 47.0 47.6 71.4#
101 0.0 8.1 12.1#
130 1.7 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:136 Resp: 646958
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 53.114 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF129808.D

Acq: 16 Aug 2022 13:17

Instrument :

BNA_F

ClientSampleId :

WC-4RE

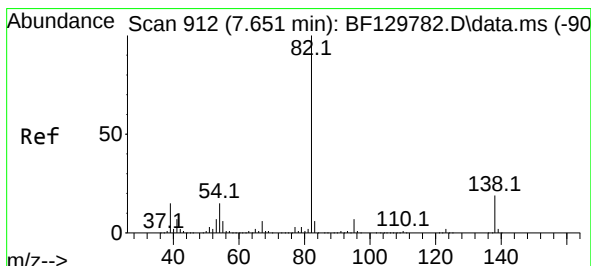
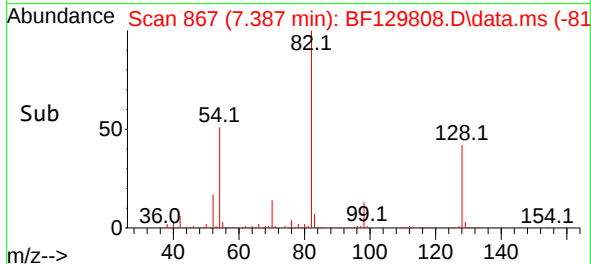
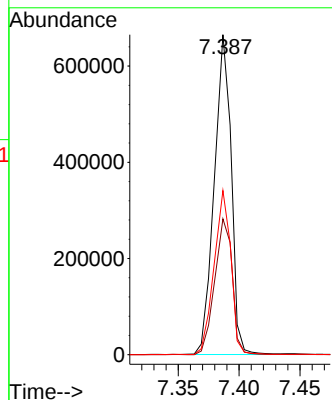
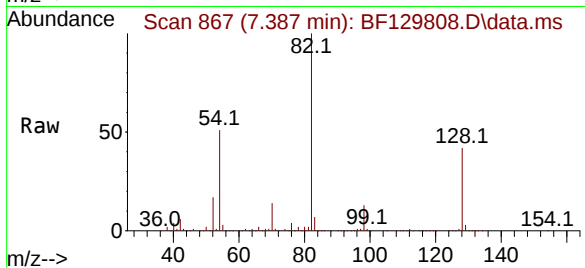
Tgt Ion: 82 Resp: 641911

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

54 51.3 40.0 60.0



#25

Isophorone

Concen: 30.744 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.265 min

Lab File: BF129808.D

Acq: 16 Aug 2022 13:17

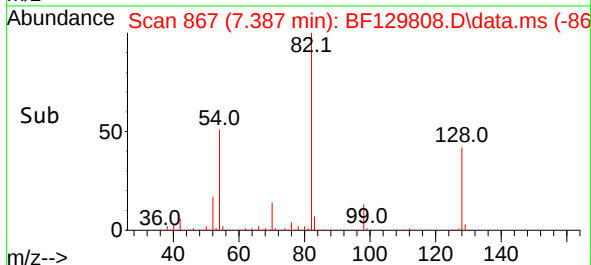
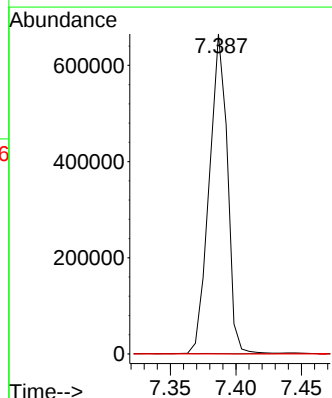
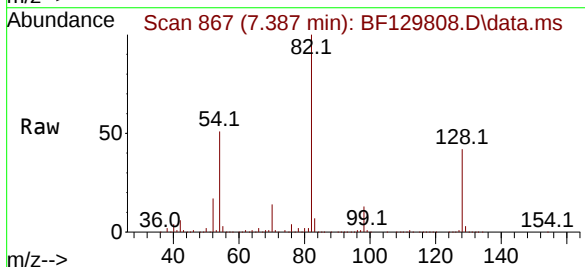
Tgt Ion: 82 Resp: 639500

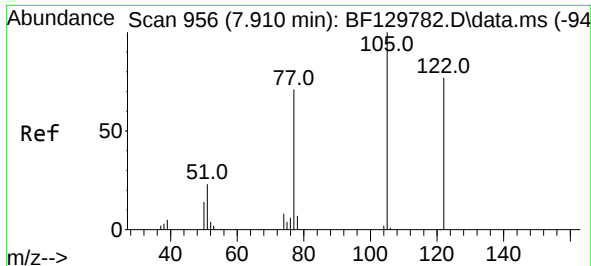
Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 14.6 21.8#

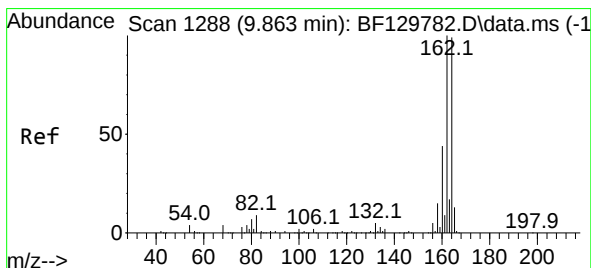
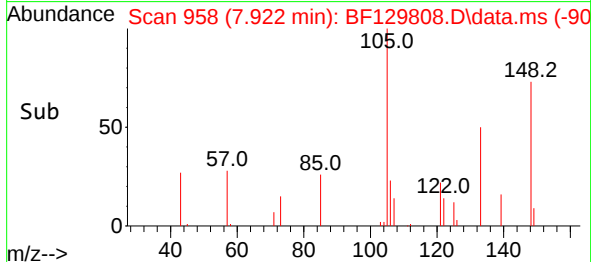
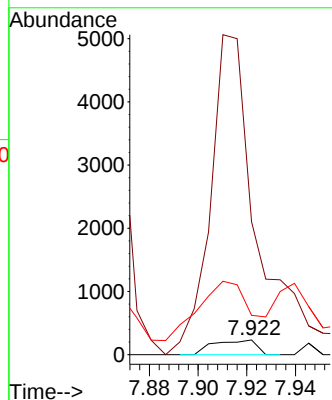
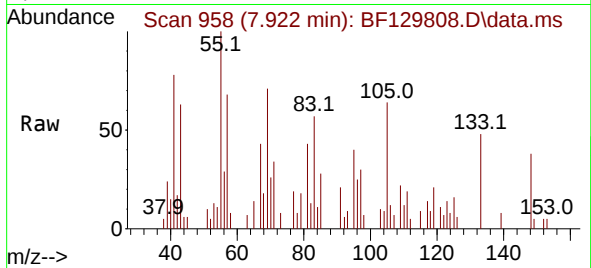




#32
Benzoic acid
Concen: 2.245 ng
RT: 7.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

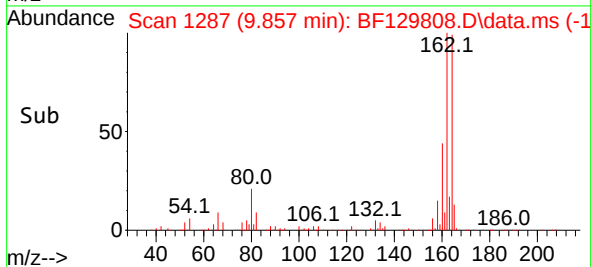
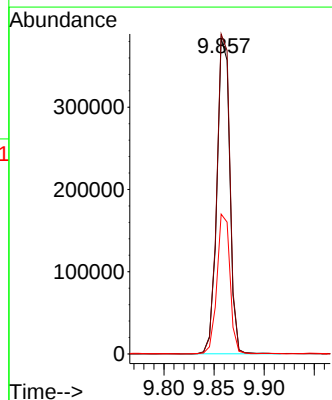
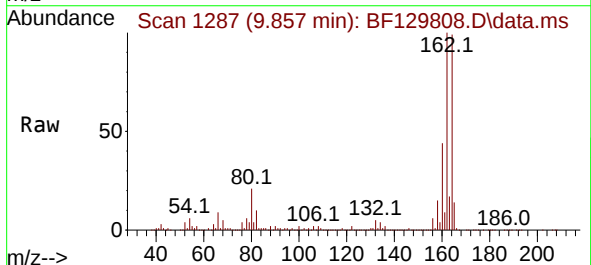
Instrument :
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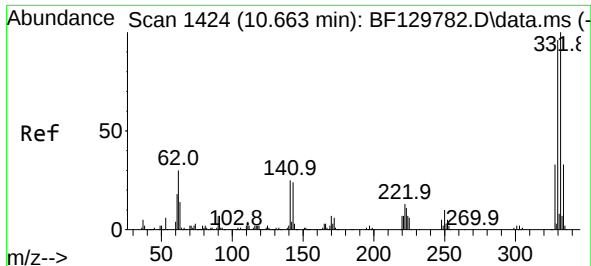
Tgt Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 906.9 99.9 139.9#
77 268.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:164 Resp: 343476
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 0.666 ng

RT: 10.657 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129808.D

Acq: 16 Aug 2022 13:17

Instrument :

BNA_F

ClientSampleId :

WC-4RE

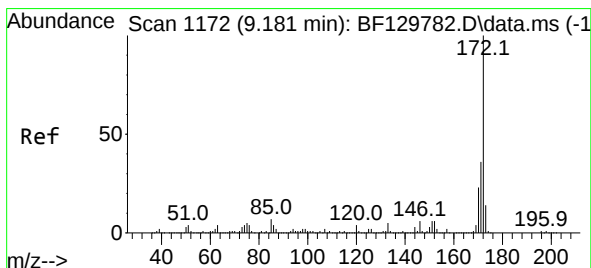
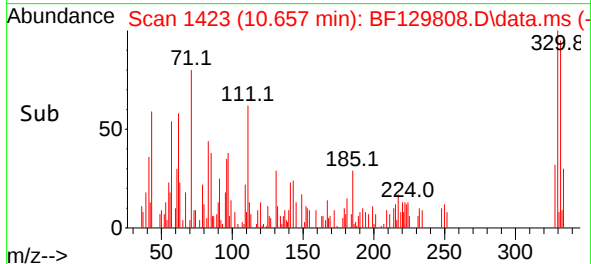
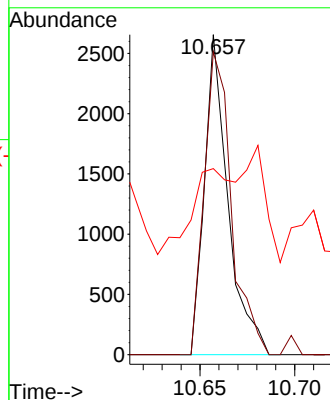
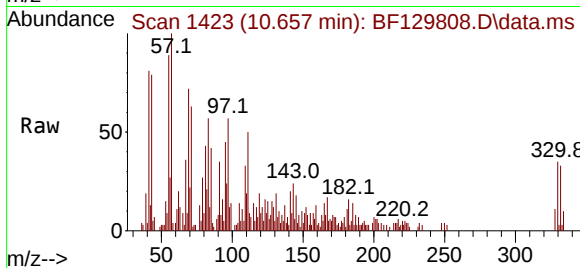
Tgt Ion:330 Resp: 2295

Ion Ratio Lower Upper

330 100

332 109.5 82.6 124.0

141 49.0 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 51.976 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129808.D

Acq: 16 Aug 2022 13:17

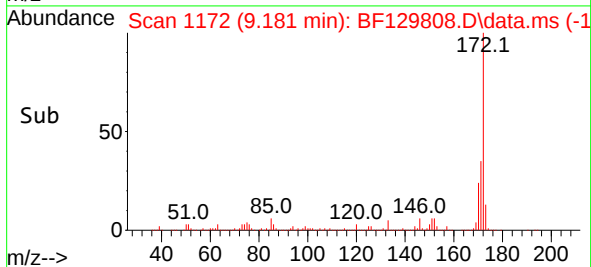
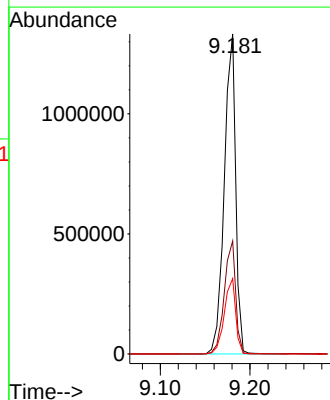
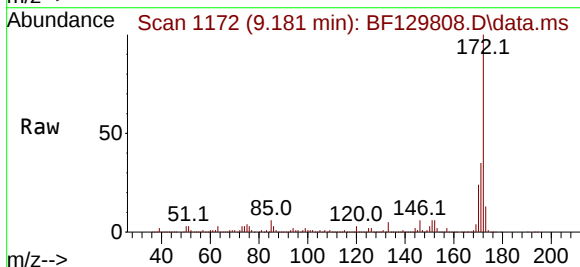
Tgt Ion:172 Resp: 1175431

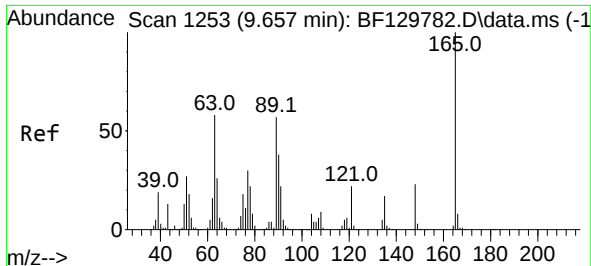
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7

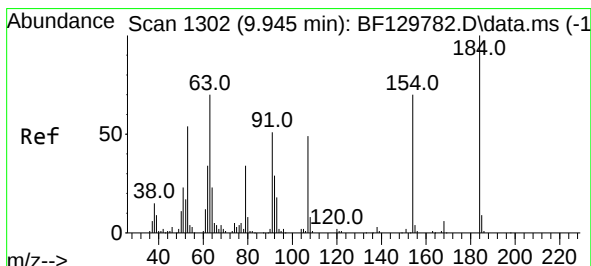
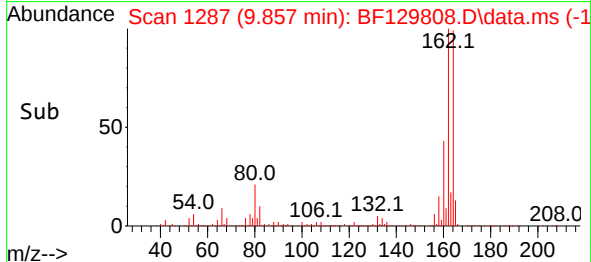
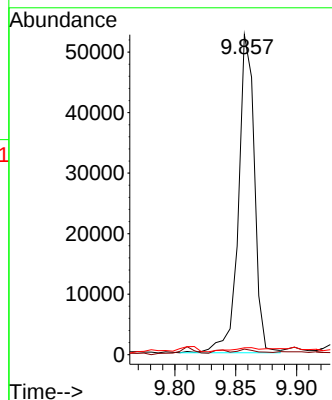
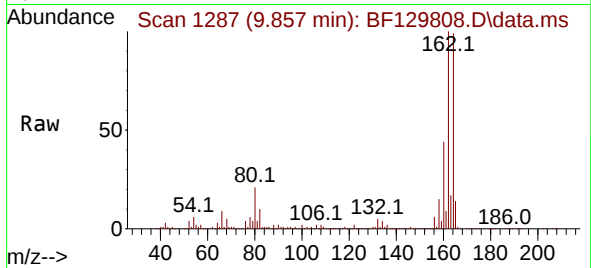




#51
2,6-Dinitrotoluene
Concen: 8.964 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

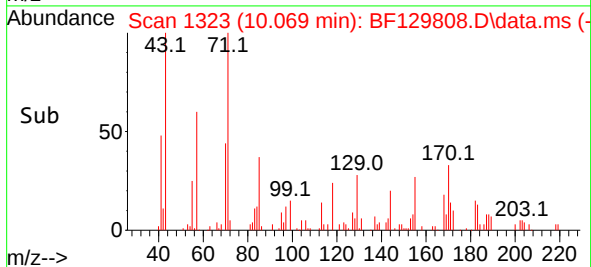
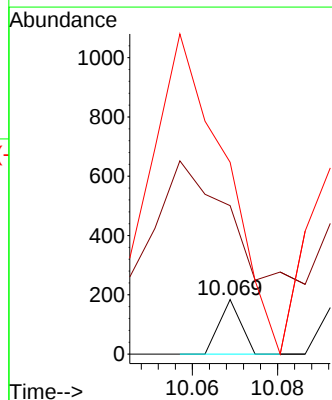
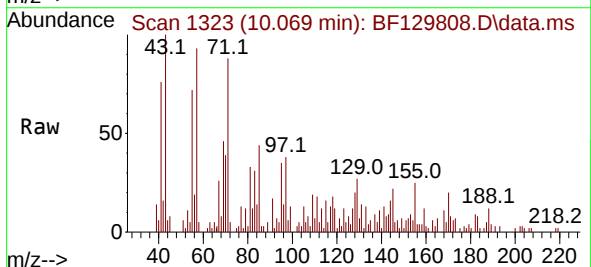
Instrument :
BNA_F
ClientSampleId :
WC-4RE

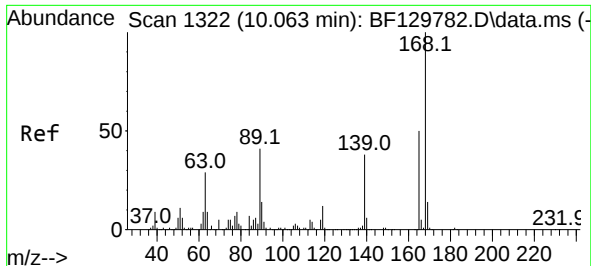
Tgt Ion:165 Resp: 47881
Ion Ratio Lower Upper
165 100
63 1.8 47.8 71.8#
89 2.2 47.2 70.8#



#54
2,4-Dinitrophenol
Concen: 5.497 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.124 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 272.3 59.6 89.4#
154 351.6 55.3 82.9#

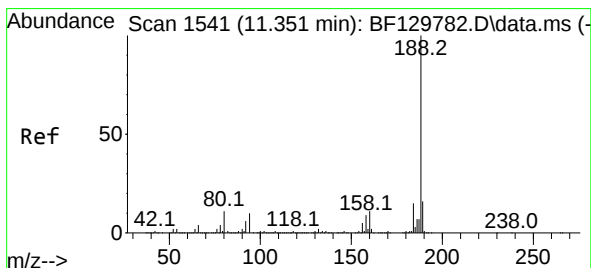
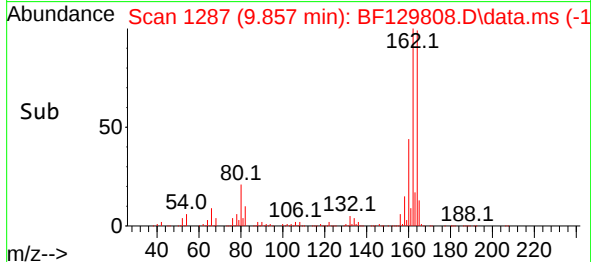
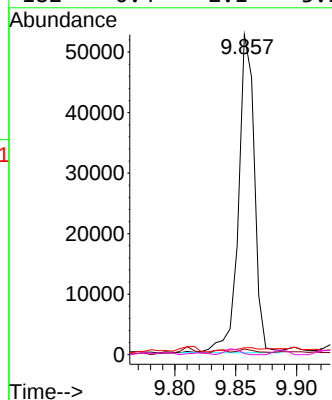
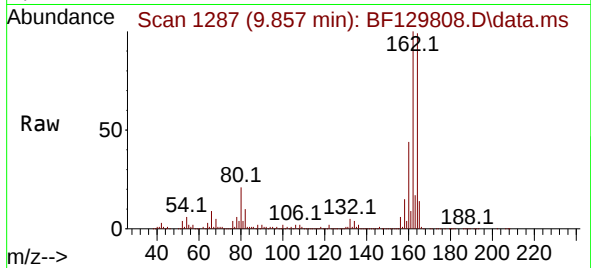




#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

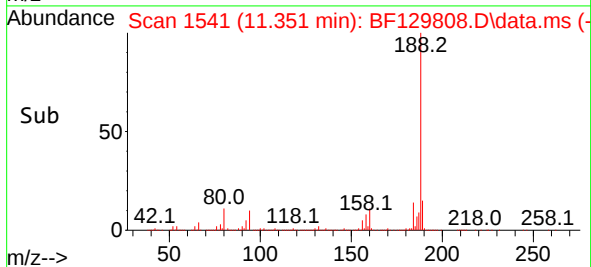
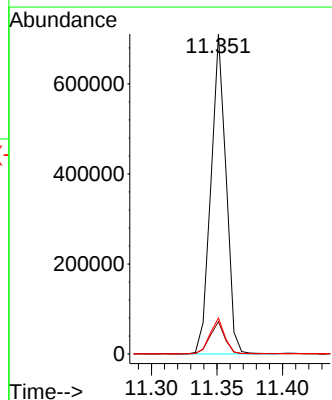
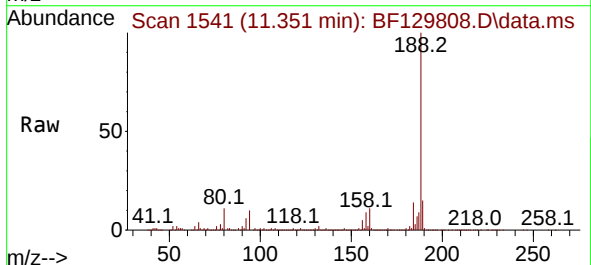
Instrument :
BNA_F
ClientSampleId :
WC-4RE

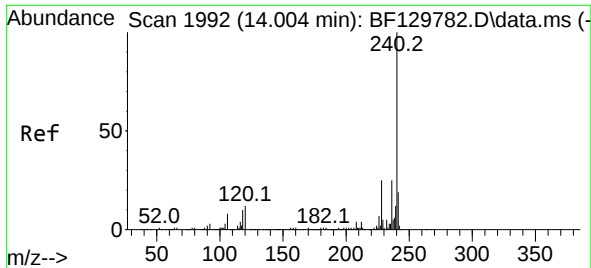
Tgt Ion:165 Resp: 47881
Ion Ratio Lower Upper
165 100
63 1.8 48.4 72.6#
89 2.2 62.3 93.5#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:188 Resp: 570507
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.2 7.9 11.9

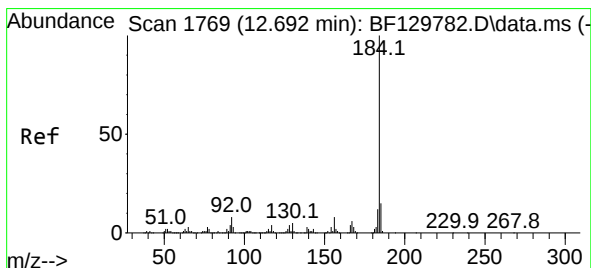
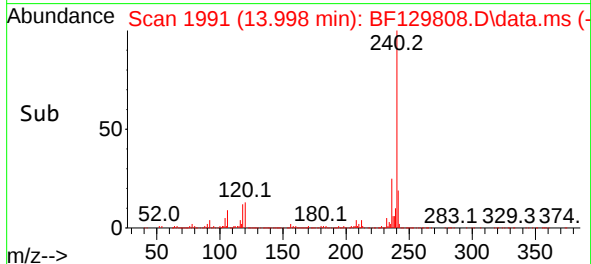
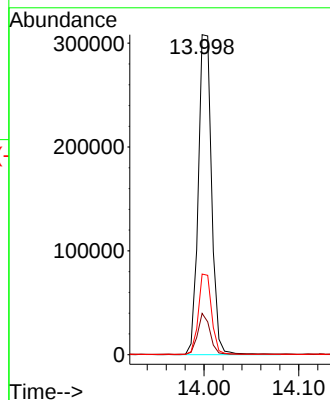
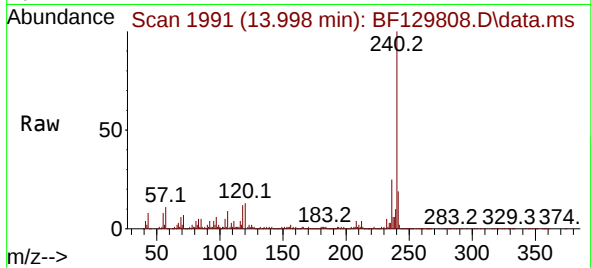




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

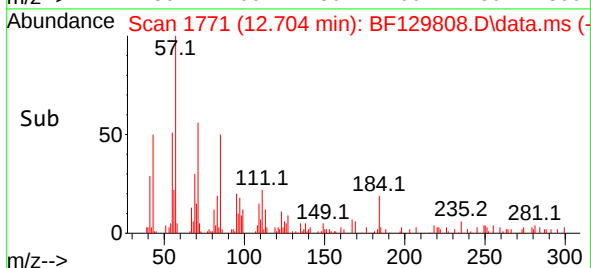
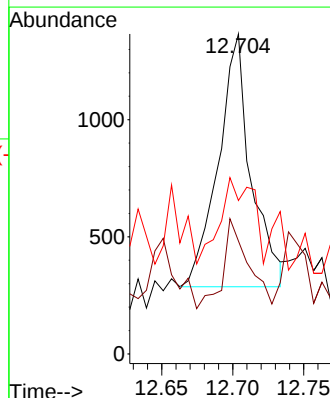
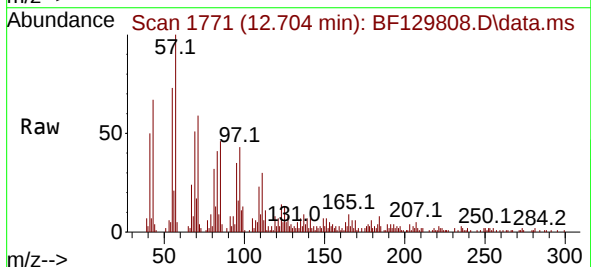
Instrument :
BNA_F
ClientSampleId :
WC-4RE

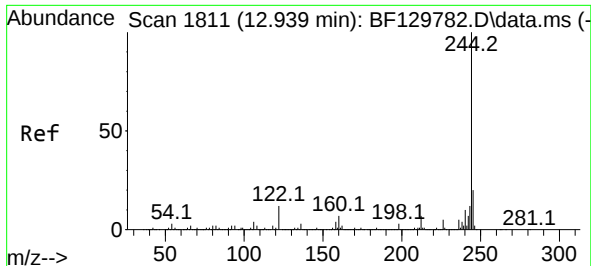
Tgt Ion:240 Resp: 301120
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.2 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.704 min Scan# 1771
Delta R.T. 0.012 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:184 Resp: 1725
Ion Ratio Lower Upper
184 100
185 35.3 11.4 17.2#
183 48.0 9.4 14.2#

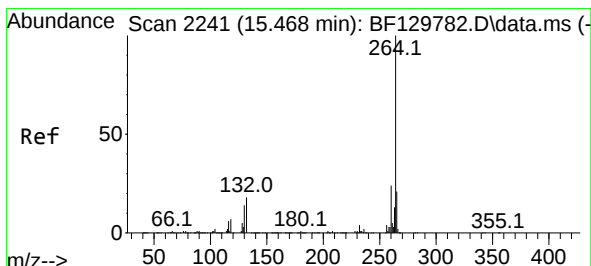
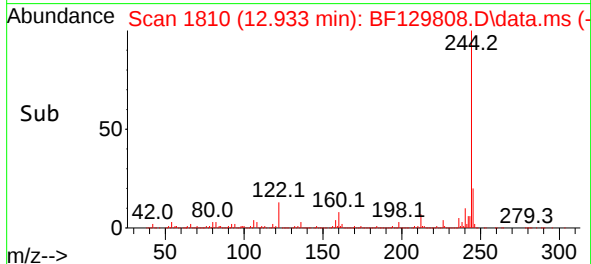
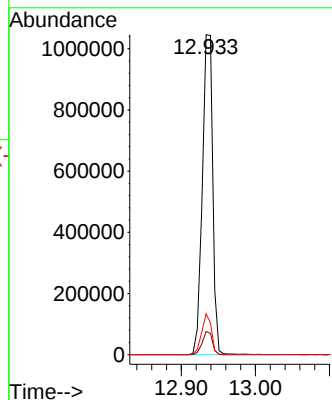
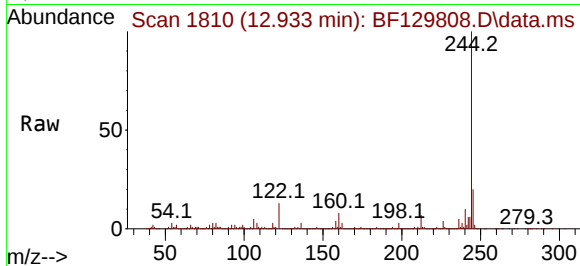




#79
 Terphenyl-d14
 Concen: 56.269 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129808.D
 Acq: 16 Aug 2022 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-4RE

Tgt Ion:244 Resp: 1018299
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF129808.D
 Acq: 16 Aug 2022 13:17

Tgt Ion:264 Resp: 286122
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 16.7 25.1

