

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130383.D
 Acq On : 22 Sep 2022 19:18
 Operator : CG\JU
 Sample : N4733-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092122

Quant Time: Sep 23 02:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

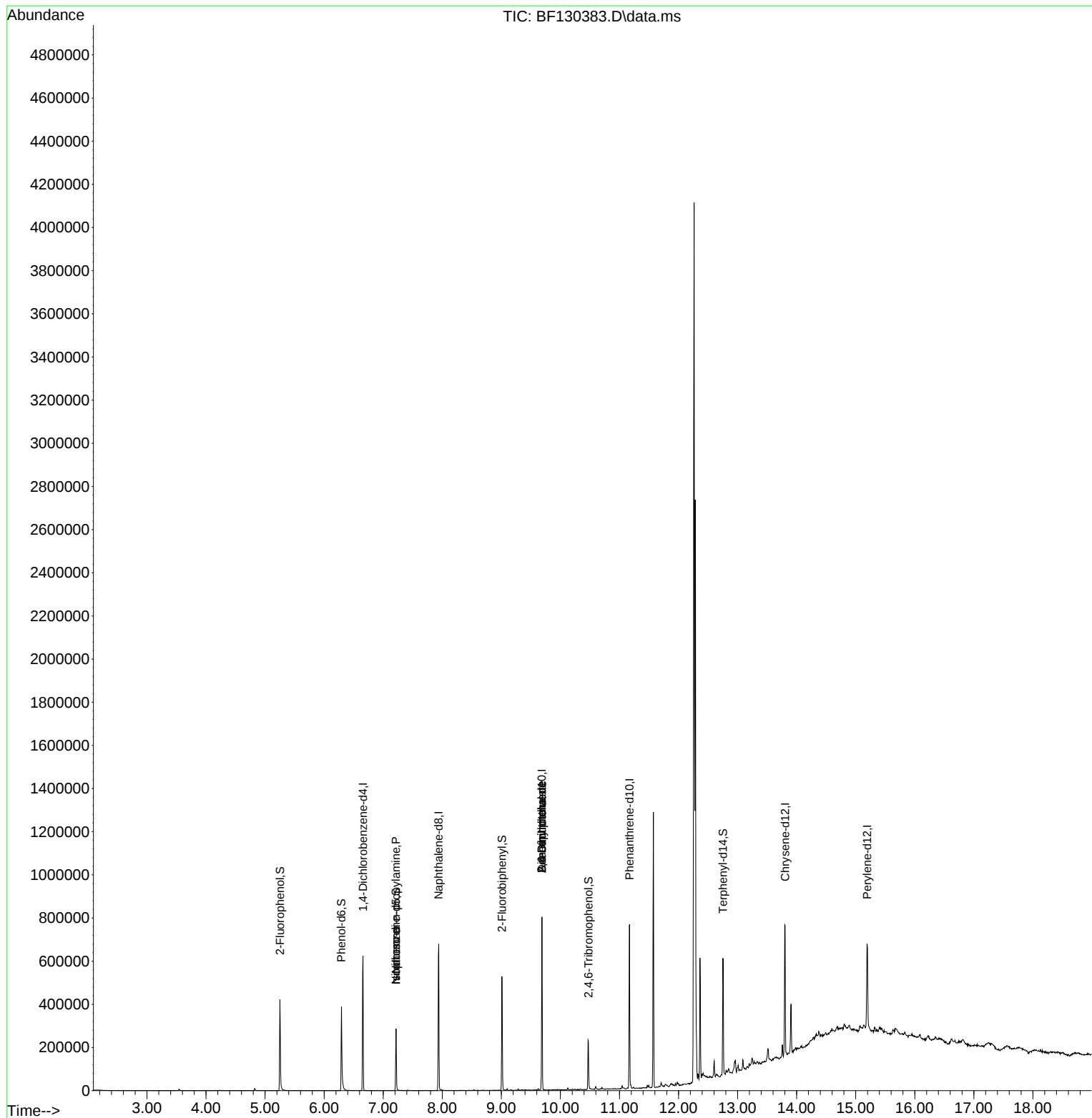
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	88588	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	302802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	142301	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	243271	20.000	ng	0.00
76) Chrysene-d12	13.804	240	213079	20.000	ng	0.00
86) Perylene-d12	15.192	264	170011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	118172	23.137	ng	0.00
7) Phenol-d6	6.293	99	133674	20.917	ng	0.00
23) Nitrobenzene-d5	7.216	82	79317	13.382	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	27615	20.253	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	143211	14.655	ng	-0.01
79) Terphenyl-d14	12.751	244	165212	12.844	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.216	70	10535	2.443	ng	# 72
25) Isophorone	7.216	82	77988	8.164	ng	# 66
50) Dimethylphthalate	9.686	163	26992	2.746	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	18145	8.827	ng	# 17
57) 2,4-Dinitrotoluene	9.686	165	18145	6.906	ng	# 17

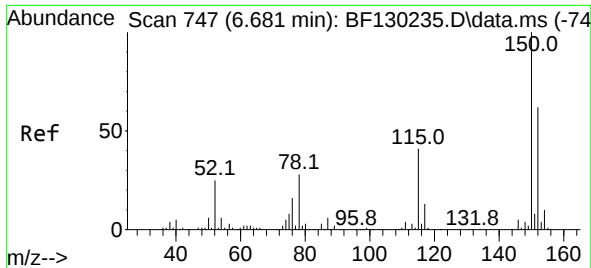
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

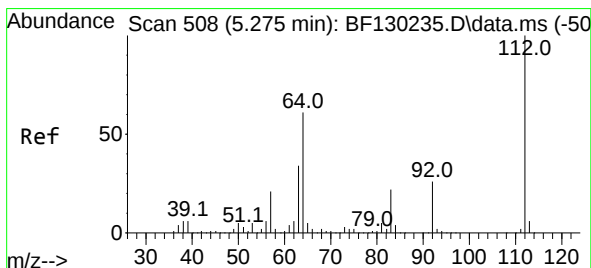
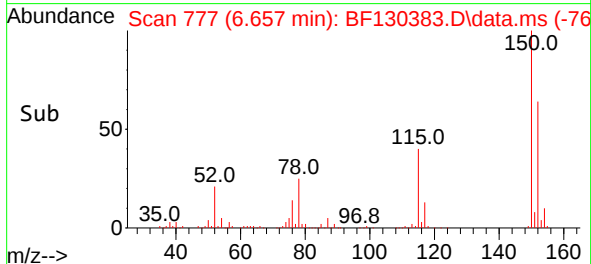
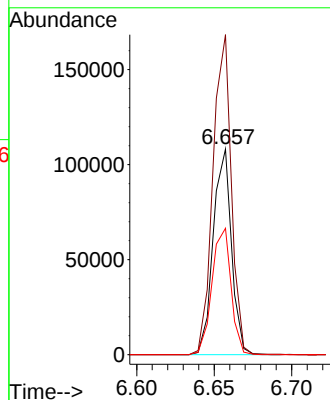
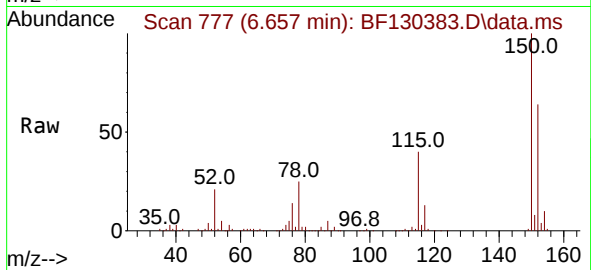




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

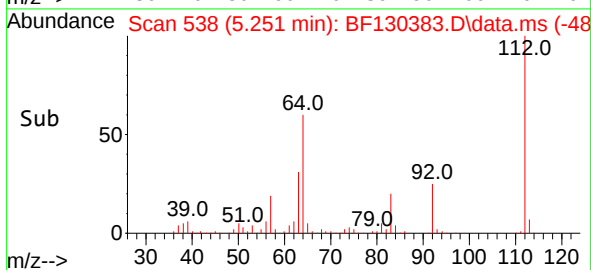
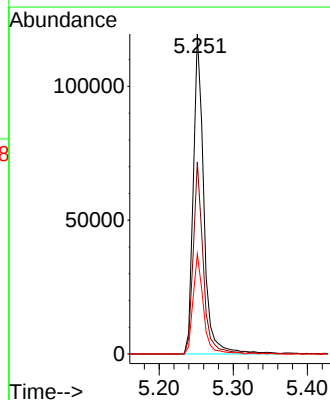
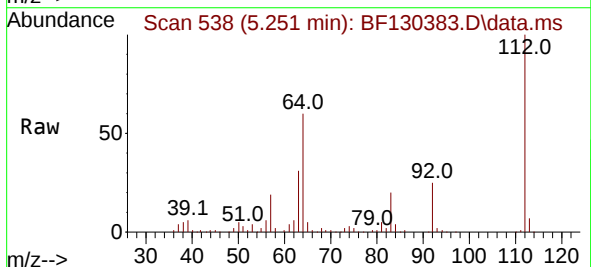
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

Tgt Ion:152 Resp: 88588
Ion Ratio Lower Upper
152 100
150 155.6 122.8 184.2
115 61.5 53.8 80.8



#5
2-Fluorophenol
Concen: 23.137 ng
RT: 5.251 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion:112 Resp: 118172
Ion Ratio Lower Upper
112 100
64 60.0 51.4 77.0
63 31.2 28.8 43.2

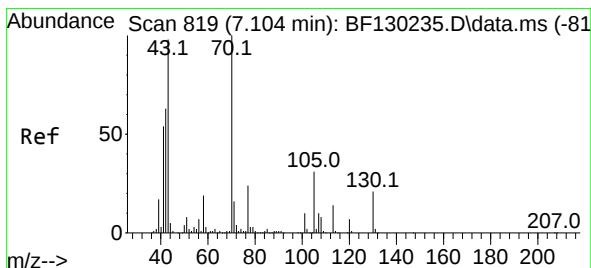
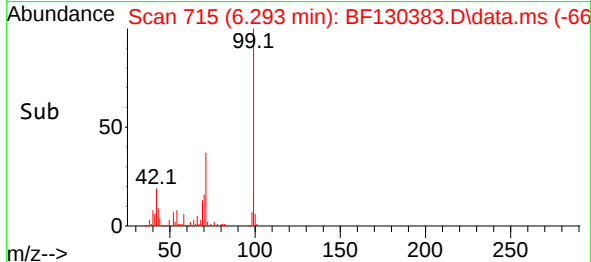
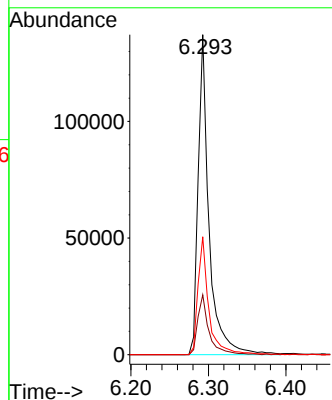
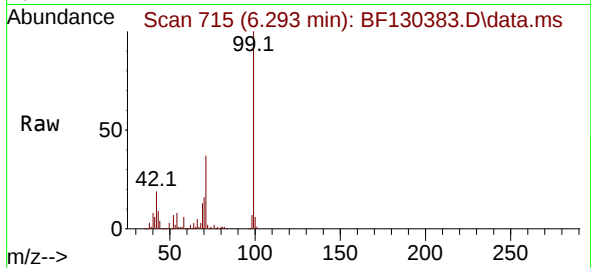




#7
Phenol-d6
Concen: 20.917 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

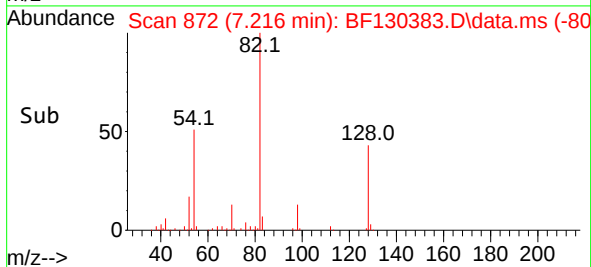
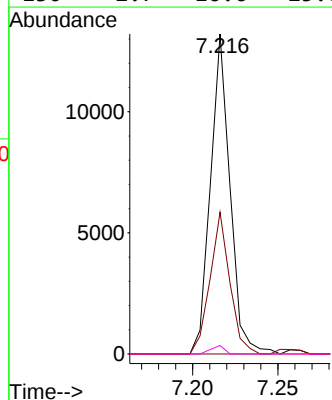
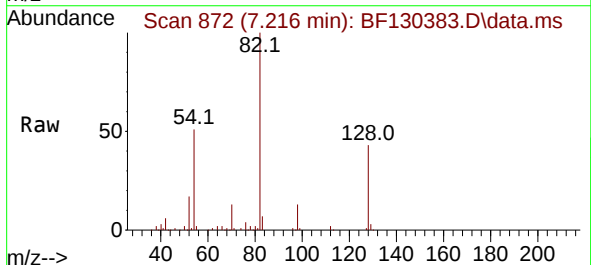
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

Tgt Ion: 99 Resp: 133674
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 36.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.443 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.124 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion: 70 Resp: 10535
Ion Ratio Lower Upper
70 100
42 44.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.7 16.6 25.0#

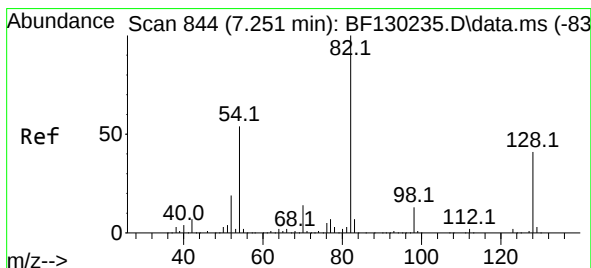
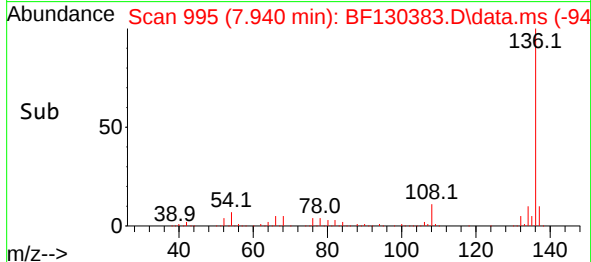
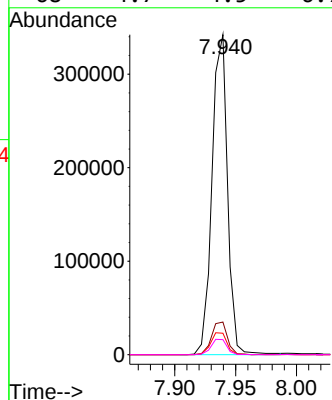
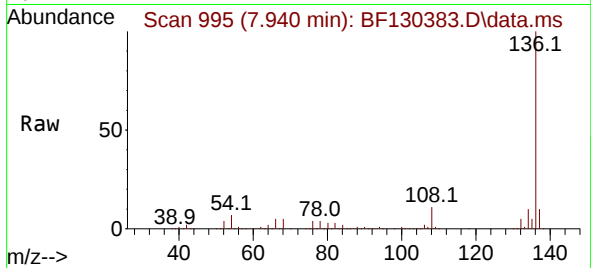




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

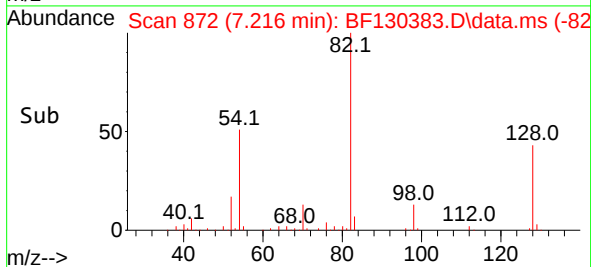
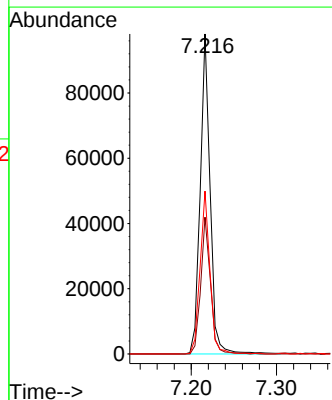
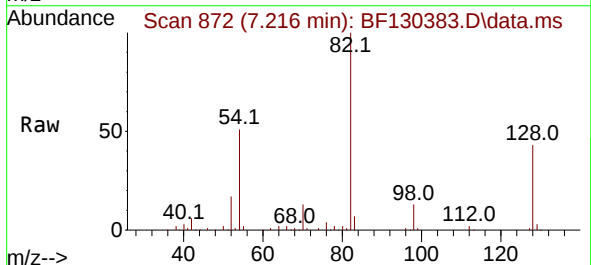
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

Tgt Ion:136 Resp: 302802
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 6.7 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 13.382 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.018 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion: 82 Resp: 79317
Ion Ratio Lower Upper
82 100
128 42.8 32.6 49.0
54 50.9 43.8 65.6

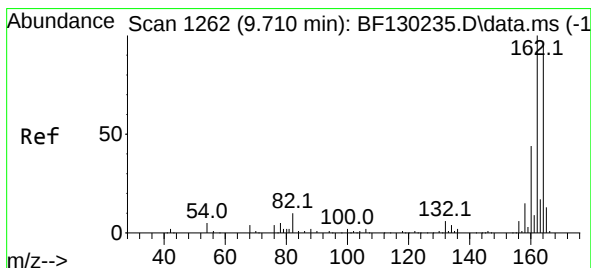
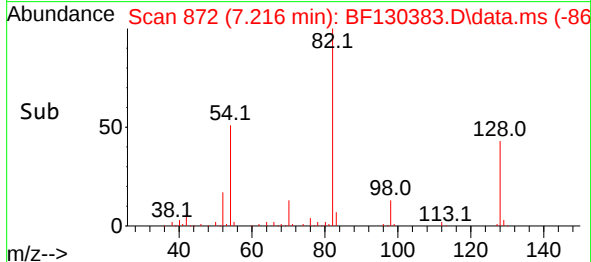
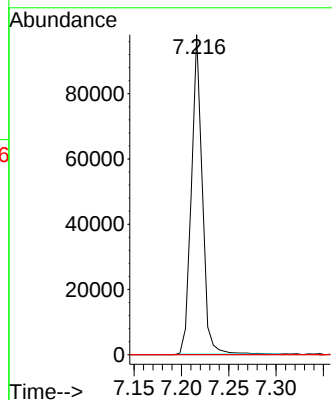
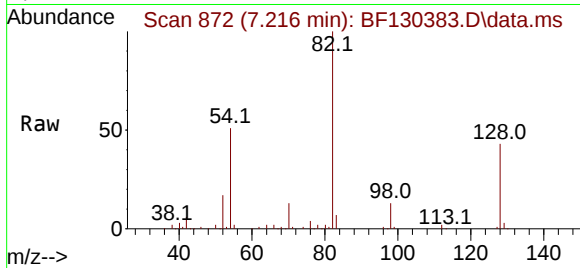




#25
Isophorone
Concen: 8.164 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

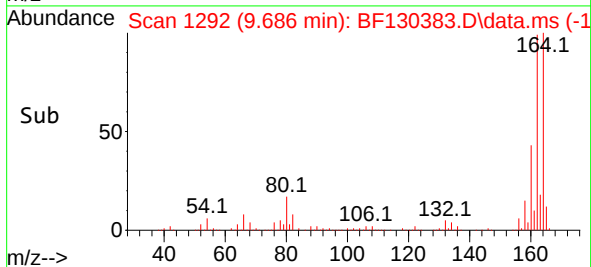
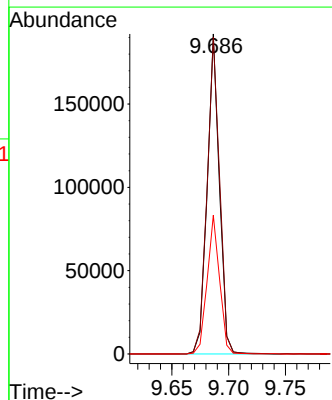
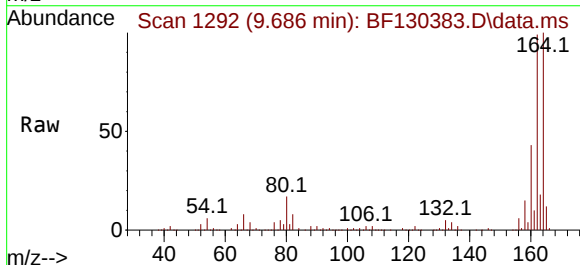
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

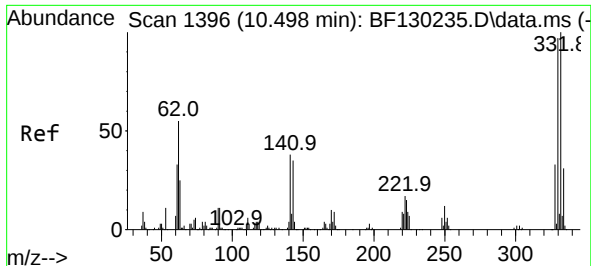
Tgt Ion: 82 Resp: 77988
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion: 164 Resp: 142301
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 20.253 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

Instrument :

BNA_F

ClientSampleId :

AU-05-092122

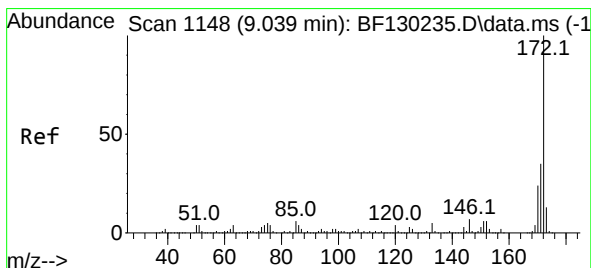
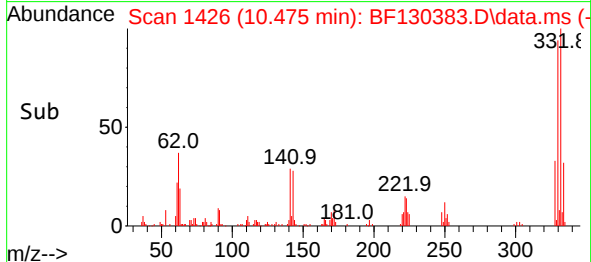
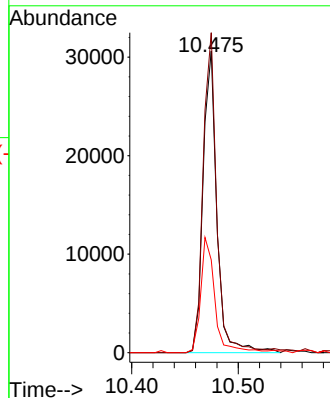
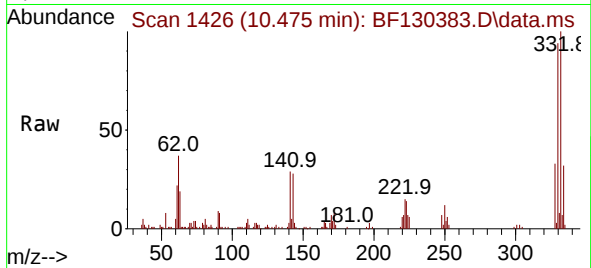
Tgt Ion:330 Resp: 27615

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 39.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 14.655 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

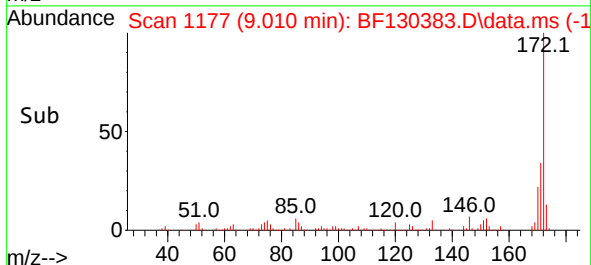
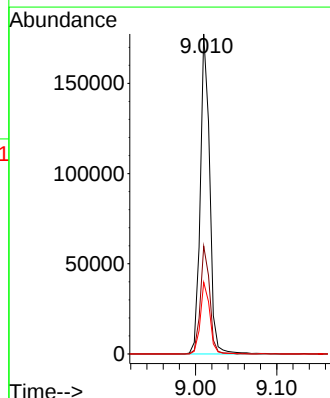
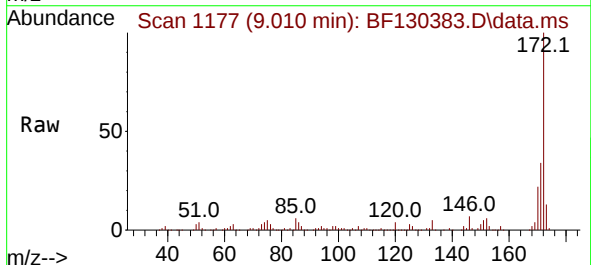
Tgt Ion:172 Resp: 143211

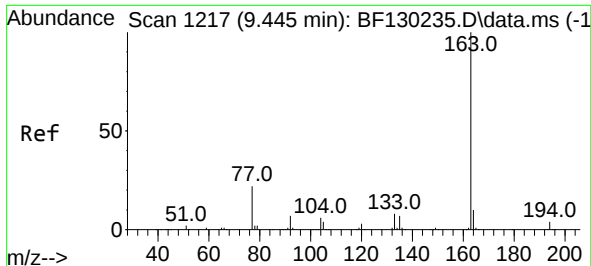
Ion Ratio Lower Upper

172 100

171 33.7 28.3 42.5

170 22.4 18.7 28.1

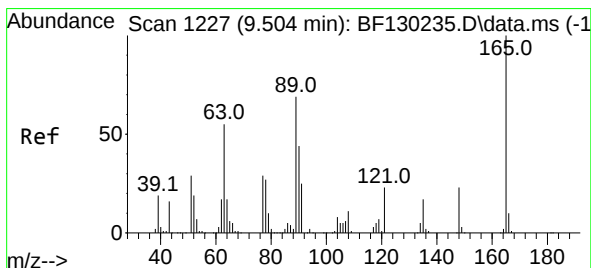
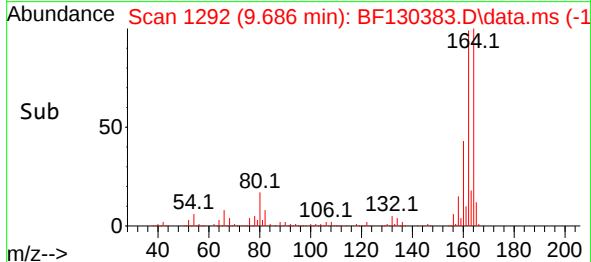
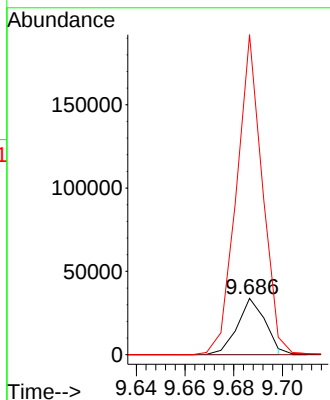
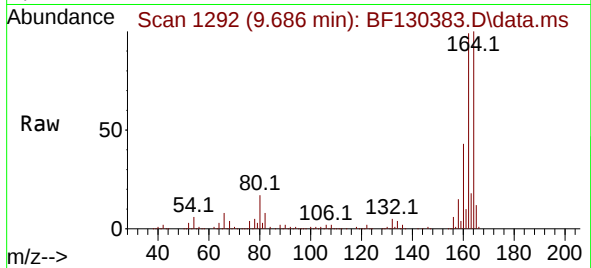




#50
Dimethylphthalate
Concen: 2.746 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

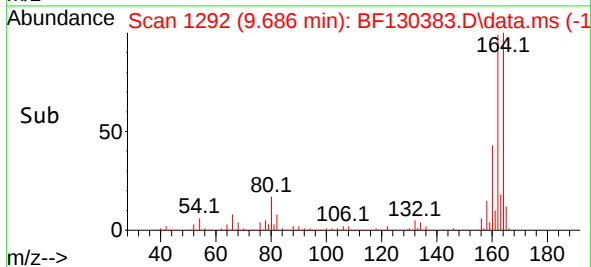
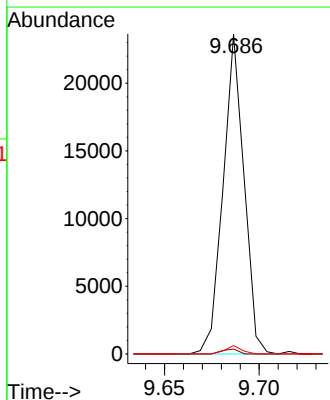
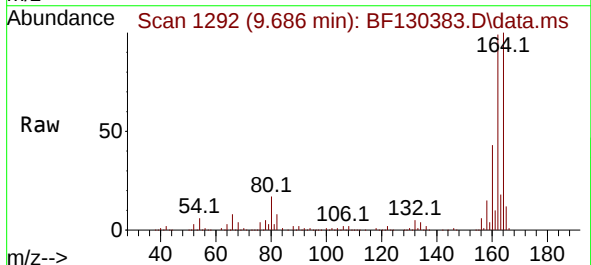
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AU-05-092122

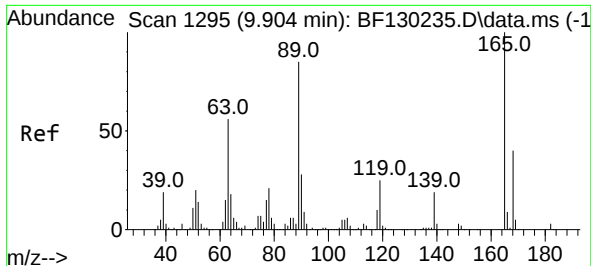
Tgt Ion:163 Resp: 26992
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 568.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.827 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion:165 Resp: 18145
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 2.6 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 6.906 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130383.D

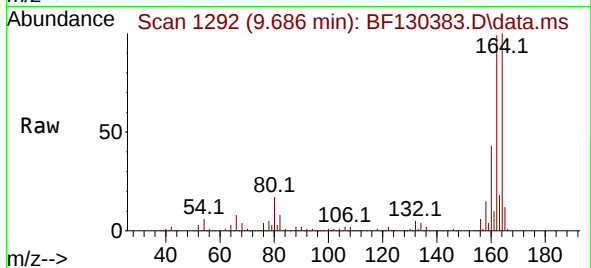
Acq: 22 Sep 2022 19:18

Instrument :

BNA_F

ClientSampleId :

AU-05-092122



Tgt Ion:165 Resp: 18145

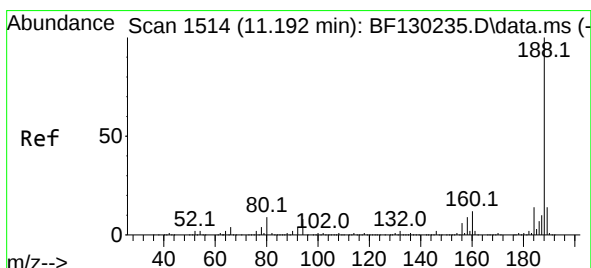
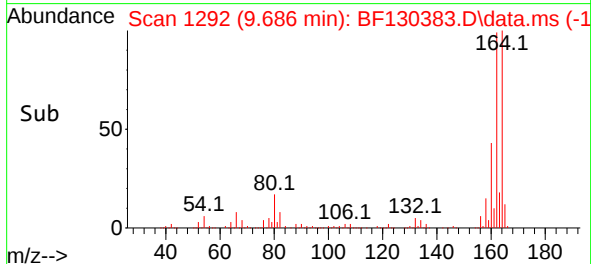
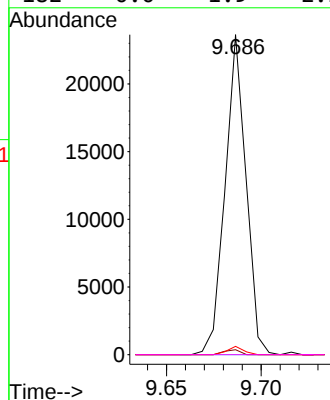
Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

89 2.6 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

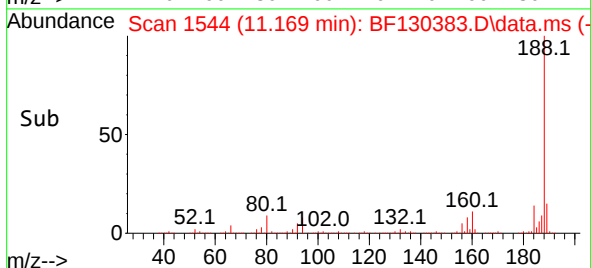
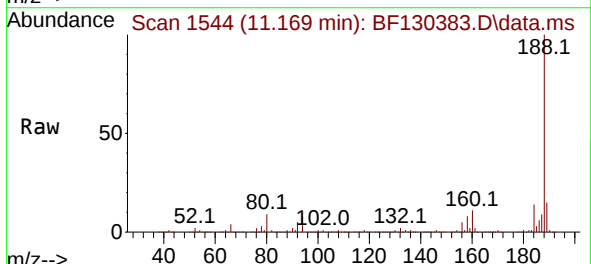
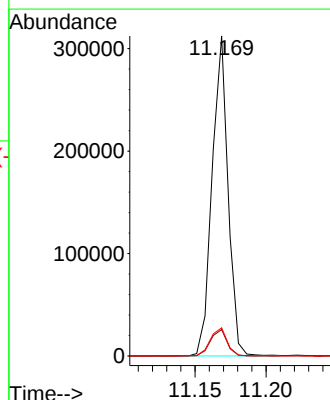
Tgt Ion:188 Resp: 243271

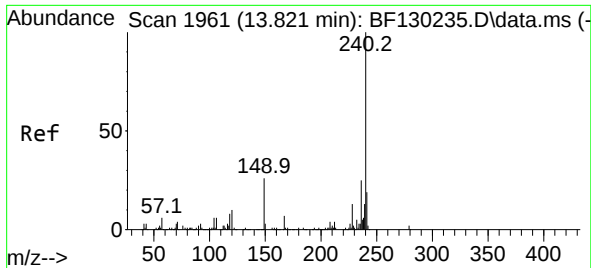
Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.8 7.9 11.9

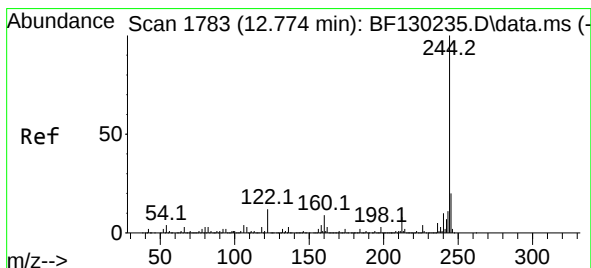
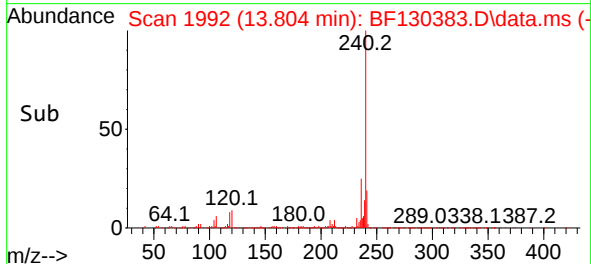
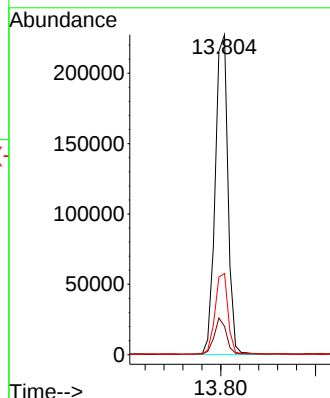
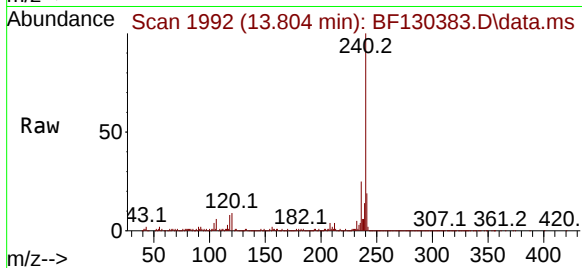




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

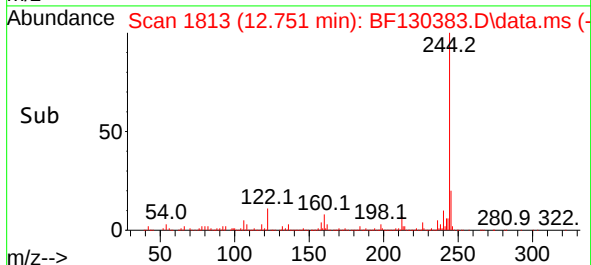
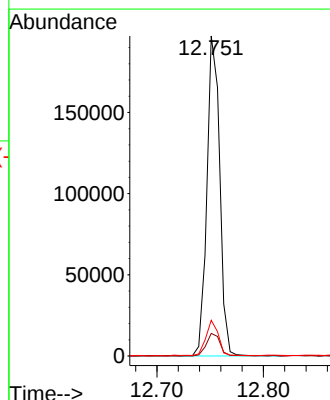
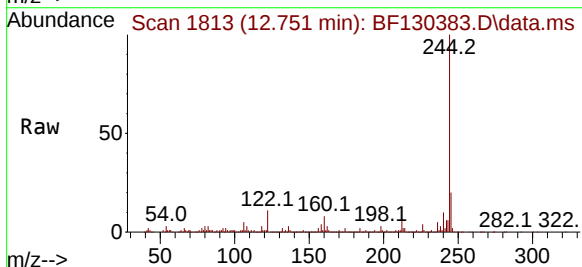
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

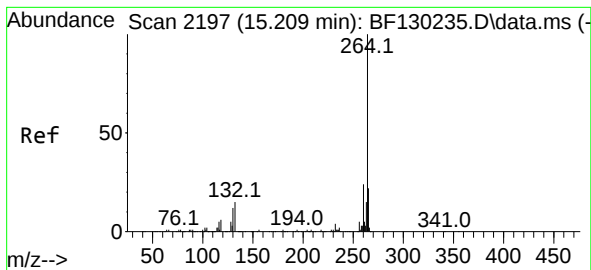
Tgt Ion:240 Resp: 213079
Ion Ratio Lower Upper
240 100
120 8.8 8.7 13.1
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 12.844 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion:244 Resp: 165212
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.1 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Instrument :
BNA_F
ClientSampleId :
AU-05-092122

Tgt Ion:264 Resp: 170011
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 22.0 17.0 25.4

