

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130631.D
 Acq On : 12 Oct 2022 15:48
 Operator : CG\JU
 Sample : N5066-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C13(12-13)

Quant Time: Oct 13 05:45:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

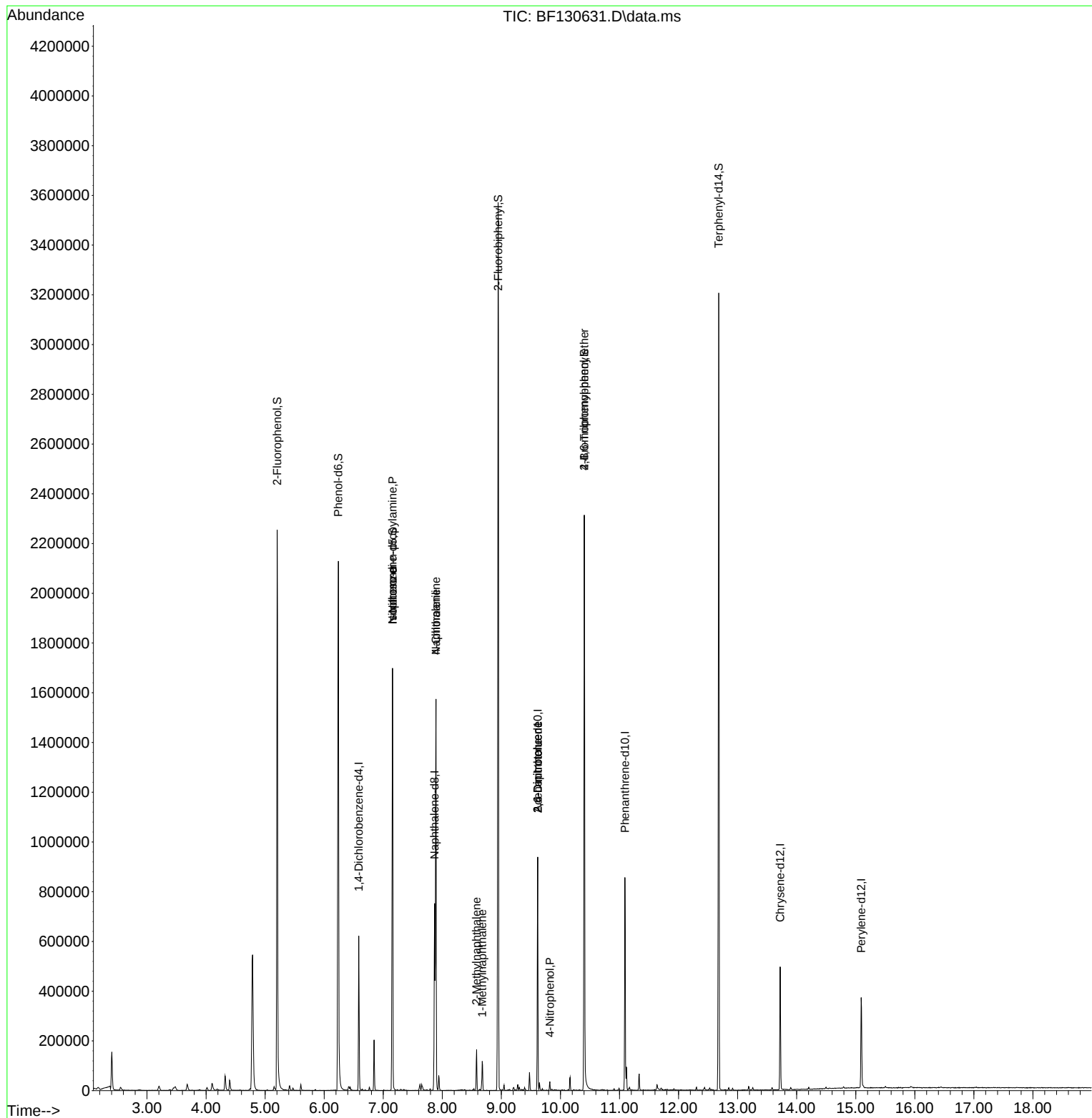
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	82048	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	329114	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	174241	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	289978	20.000	ng	0.00
76) Chrysene-d12	13.721	240	151403	20.000	ng	0.00
86) Perylene-d12	15.092	264	150248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	695151	152.720	ng	0.02
7) Phenol-d6	6.240	99	781471	136.553	ng	0.00
23) Nitrobenzene-d5	7.157	82	598274	99.237	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	299007	175.377	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1185250	103.039	ng	0.00
79) Terphenyl-d14	12.680	244	1164677	127.676	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	80845	21.896	ng	# 78
25) Isophorone	7.157	82	598269	59.625	ng	# 64
31) Naphthalene	7.892	128	676778	39.725	ng	100
33) 4-Chloroaniline	7.892	127	88091	13.348	ng	# 32
37) 2-Methylnaphthalene	8.581	142	39219	3.658	ng	97
38) 1-Methylnaphthalene	8.675	142	31126	2.991	ng	95
51) 2,6-Dinitrotoluene	9.616	165	23164	8.755	ng	# 24
56) 4-Nitrophenol	9.822	139	4858	3.038	ng	# 7
57) 2,4-Dinitrotoluene	9.616	165	23164	6.812	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	17886	5.451	ng	# 1

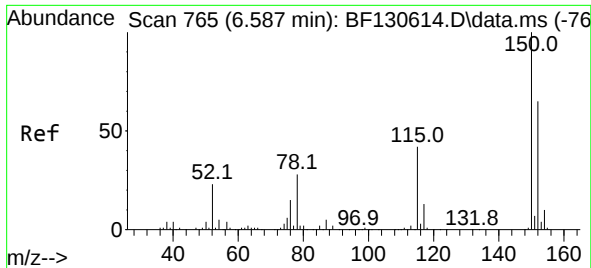
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130631.D
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Instrument :
BNA_F
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C13(12-13)

Quant Time: Oct 13 05:45:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

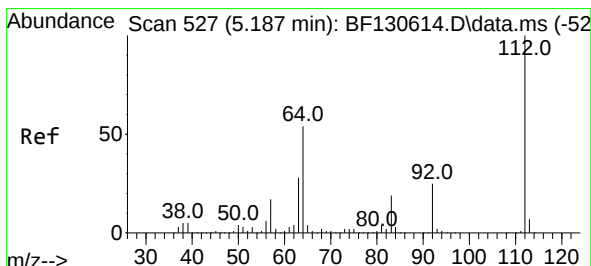
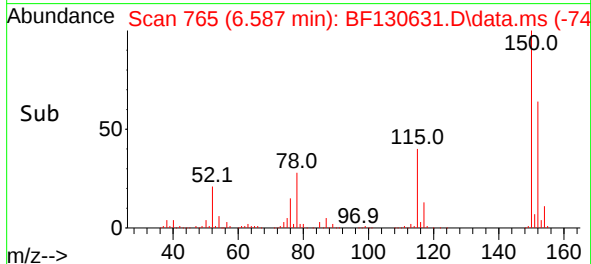
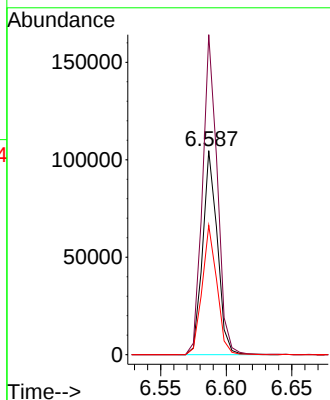
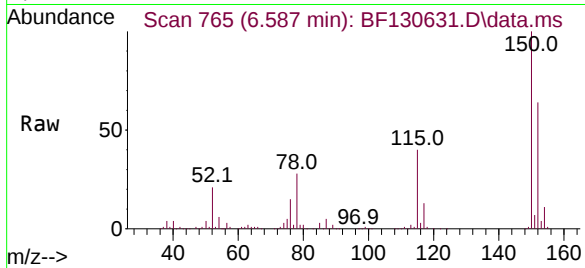




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

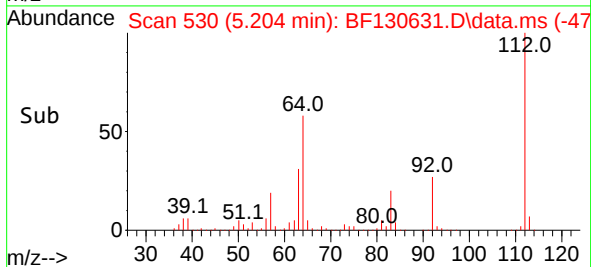
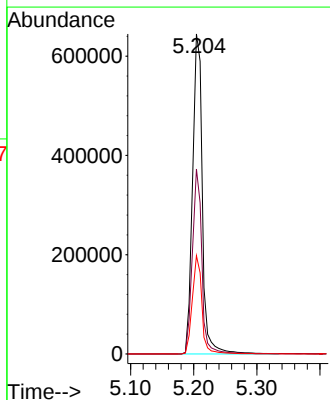
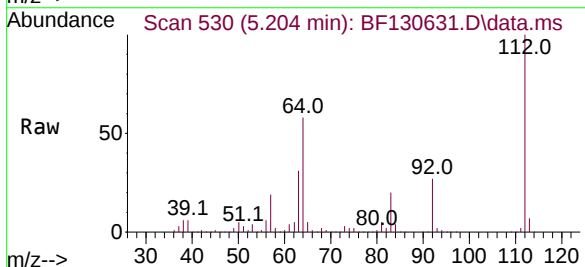
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

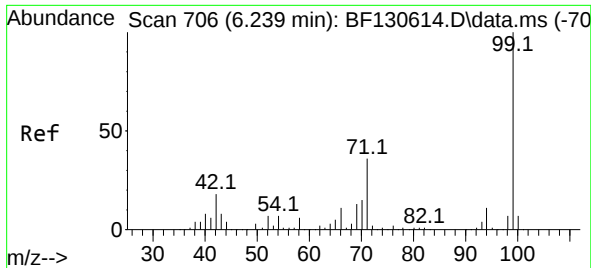
Tgt Ion:152 Resp: 82048
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 63.4 52.2 78.4



#5
2-Fluorophenol
Concen: 152.720 ng
RT: 5.204 min Scan# 530
Delta R.T. 0.018 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion:112 Resp: 695151
Ion Ratio Lower Upper
112 100
64 57.8 43.5 65.3
63 30.7 22.6 34.0

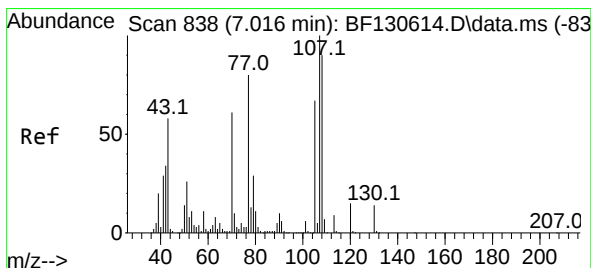
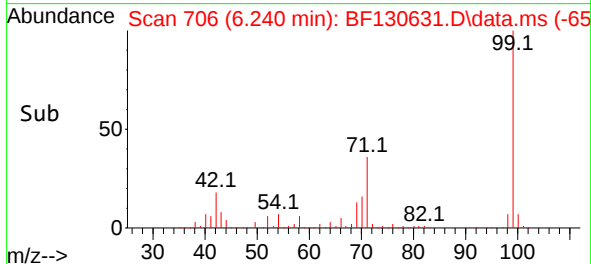
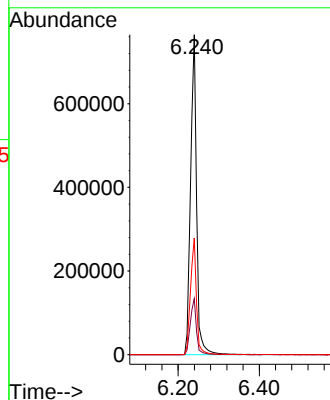
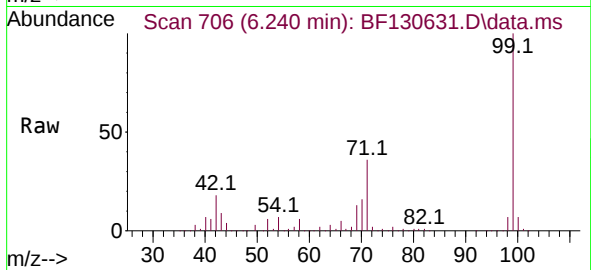




#7
Phenol-d6
Concen: 136.553 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

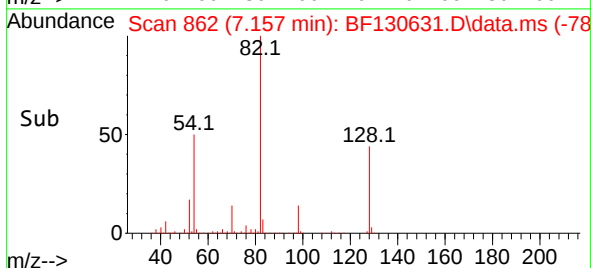
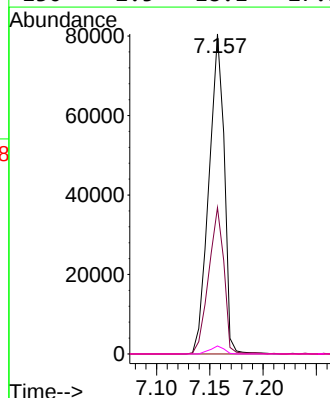
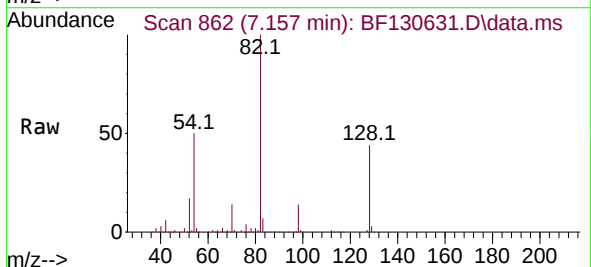
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

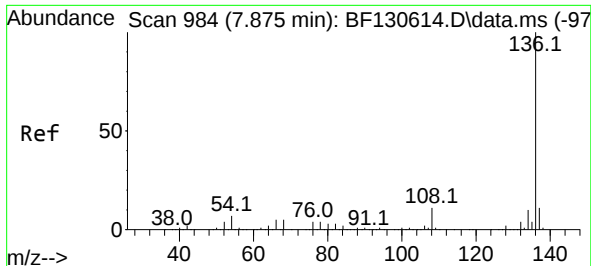
Tgt Ion: 99 Resp: 781471
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 36.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.896 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion: 70 Resp: 80845
Ion Ratio Lower Upper
70 100
42 45.8 44.3 66.5
101 0.0 7.9 11.9#
130 2.5 18.1 27.1#

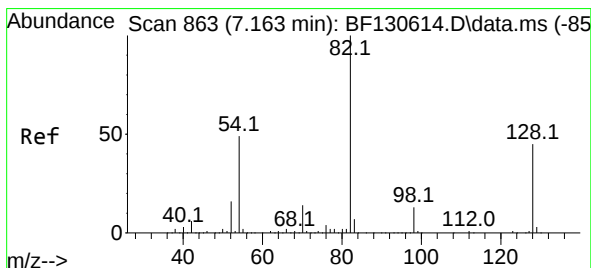
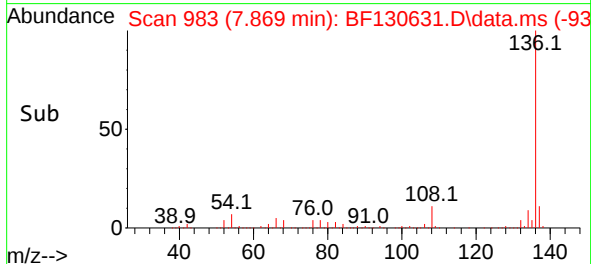
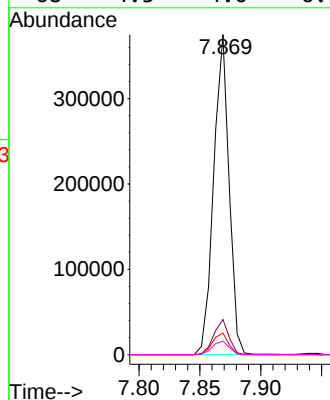
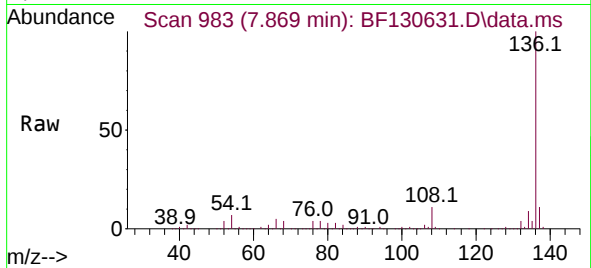




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

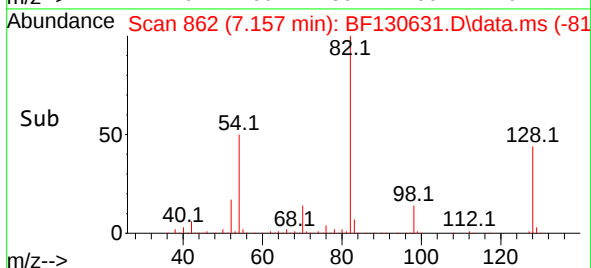
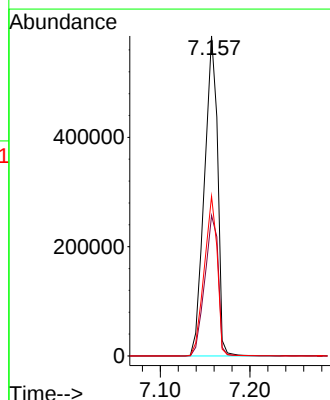
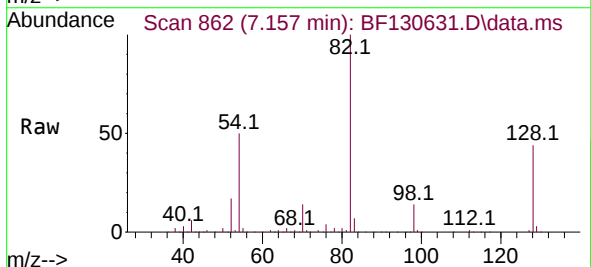
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

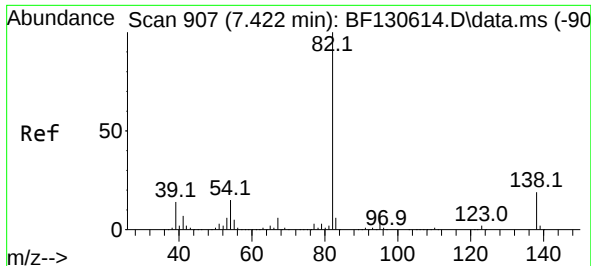
Tgt Ion:136 Resp: 329114
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.8 5.5 8.3
68 4.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 99.237 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion: 82 Resp: 598274
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 49.9 39.3 58.9

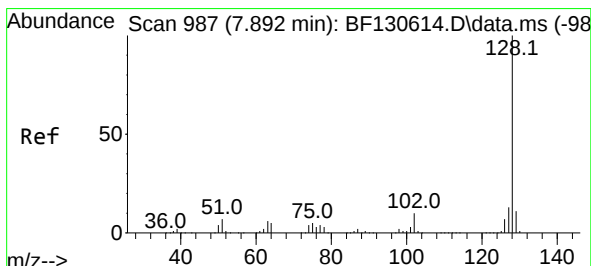
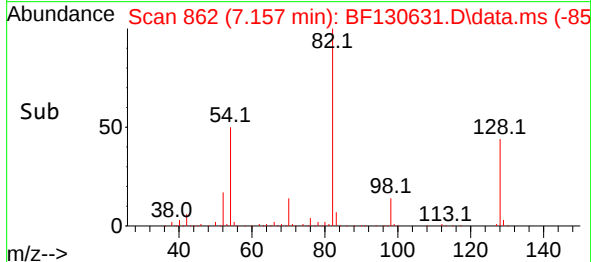
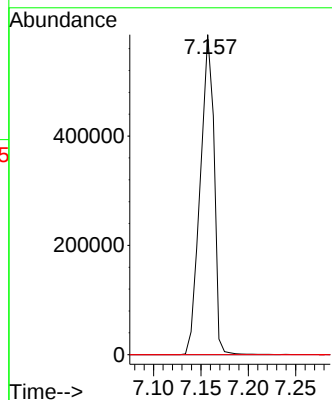
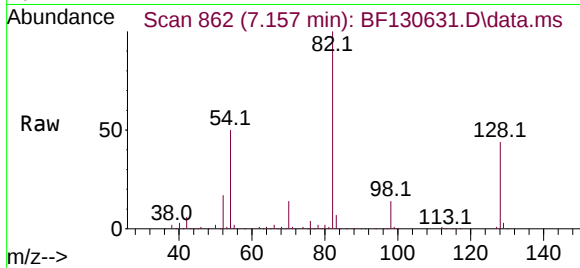




#25
Isophorone
Concen: 59.625 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

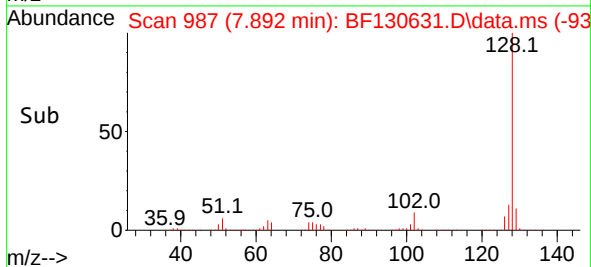
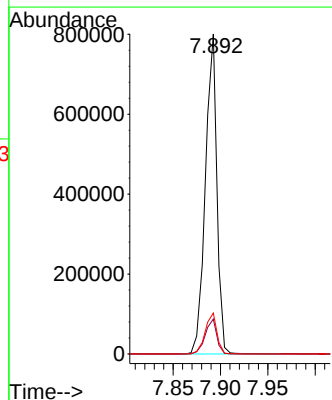
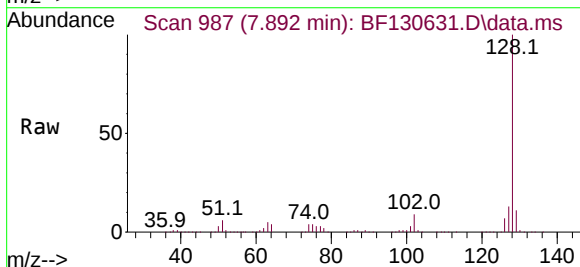
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

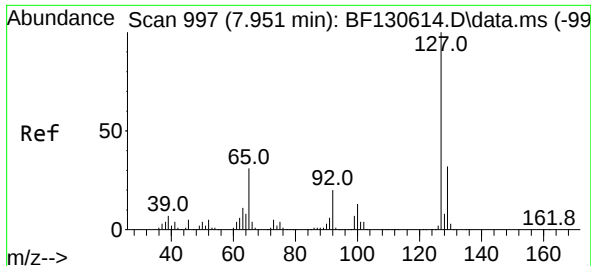
Tgt Ion: 82 Resp: 598269
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 39.725 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion: 128 Resp: 676778
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.3 15.5

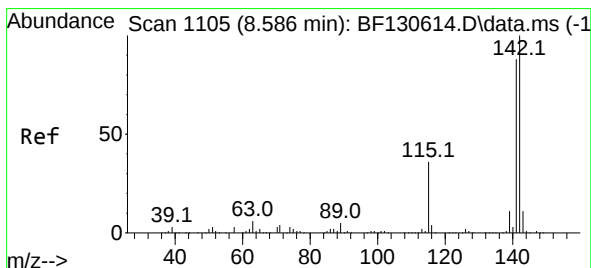
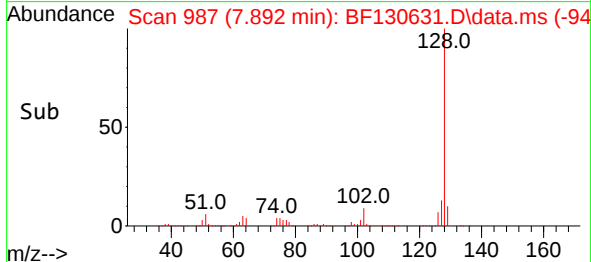
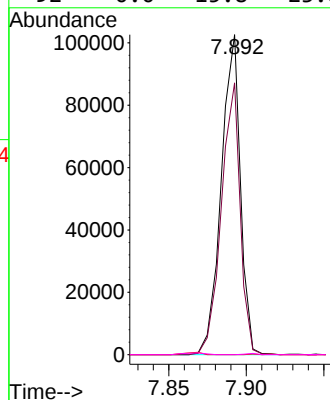
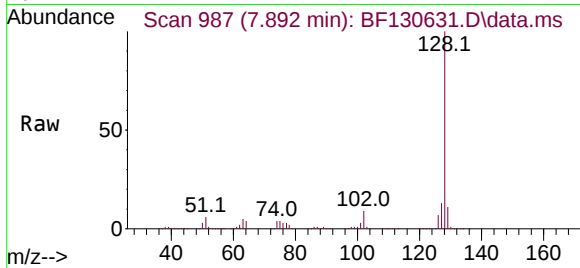




#33
4-Chloroaniline
Concen: 13.348 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

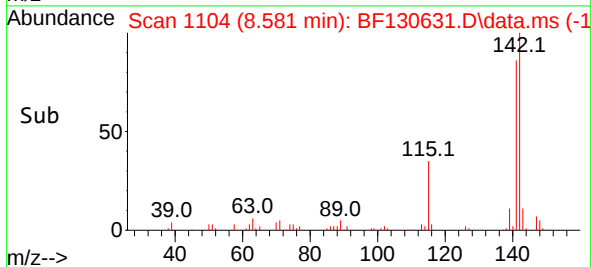
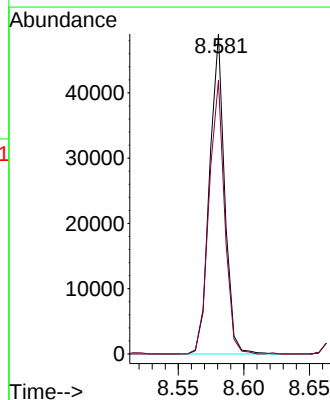
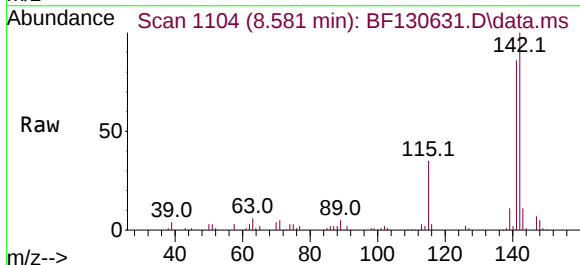
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

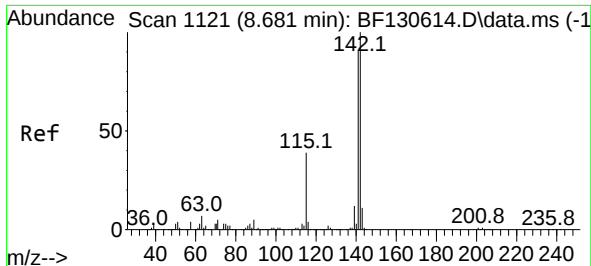
Tgt Ion:127	Resp:	88091
Ion Ratio	Lower	Upper
127	100	
129	84.9	25.7 38.5#
65	0.0	24.7 37.1#
92	0.0	15.8 23.8#



#37
2-Methylnaphthalene
Concen: 3.658 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion:142	Resp:	39219
Ion Ratio	Lower	Upper
142	100	
141	85.5	70.7 106.1

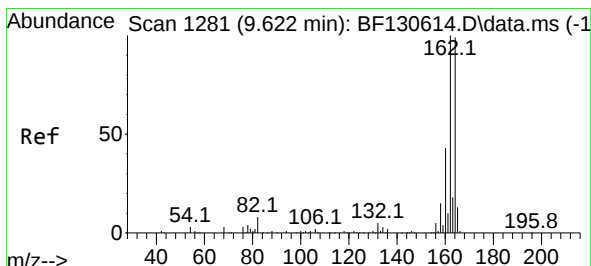
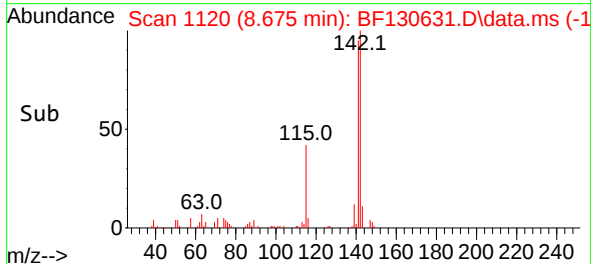
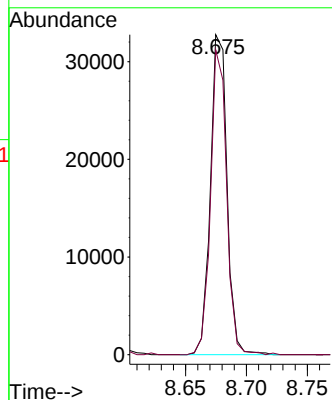
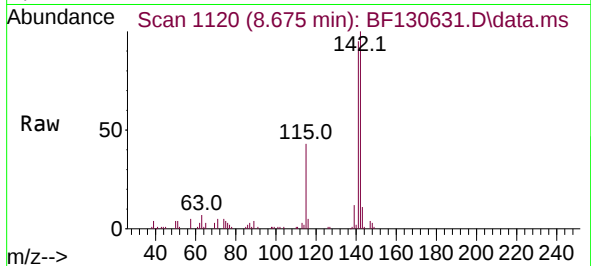




#38
1-Methylnaphthalene
Concen: 2.991 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

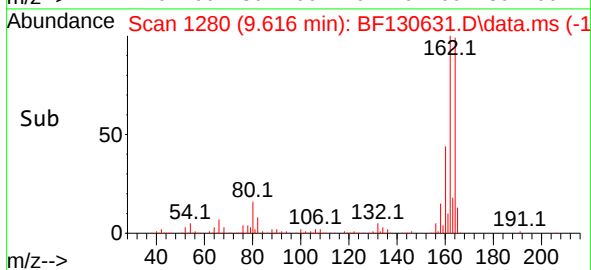
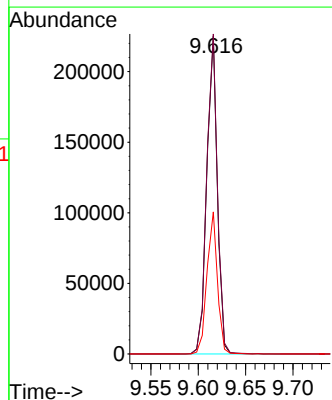
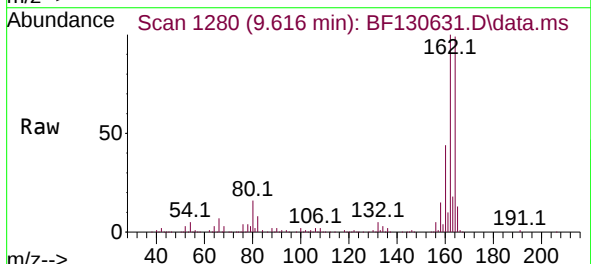
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BNA_F
ClientSampleId :
C13(12-13)

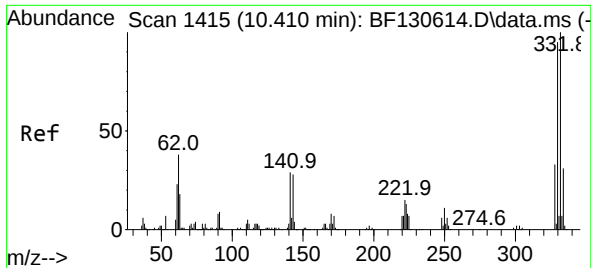
Tgt Ion:142 Resp: 31126
Ion Ratio Lower Upper
142 100
141 95.2 72.6 108.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion:164 Resp: 174241
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 175.377 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130631.D

Acq: 12 Oct 2022 15:48

Instrument :

BNA_F

ClientSampleId :

C13(12-13)

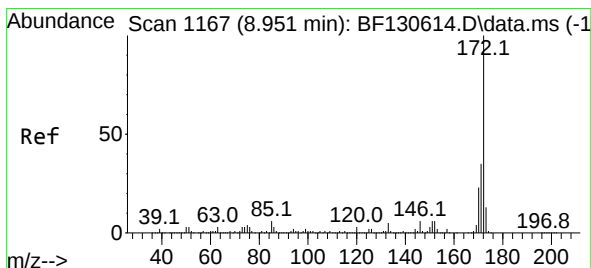
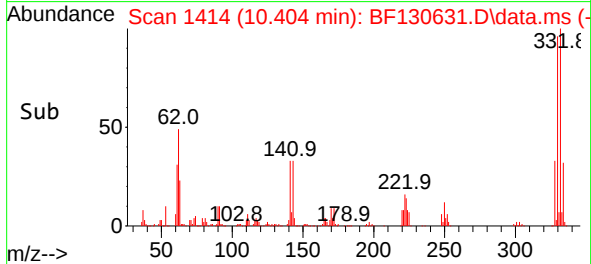
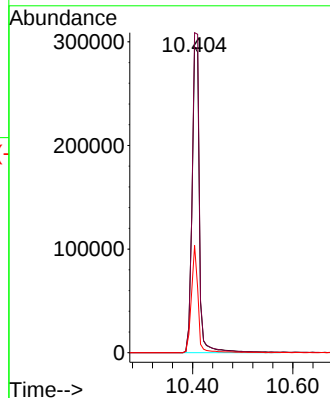
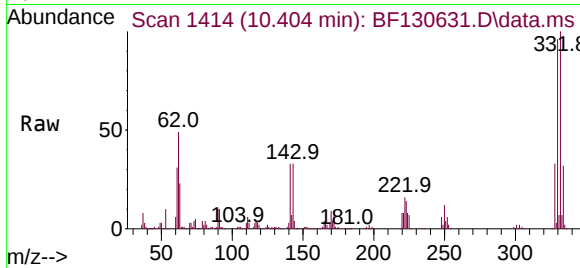
Tgt Ion:330 Resp: 299007

Ion Ratio Lower Upper

330 100

332 104.1 84.2 126.4

141 31.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 103.039 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130631.D

Acq: 12 Oct 2022 15:48

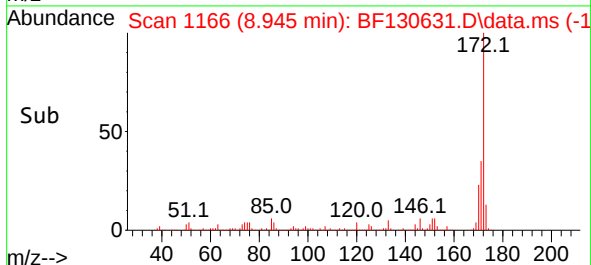
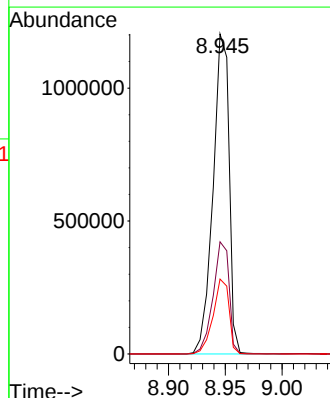
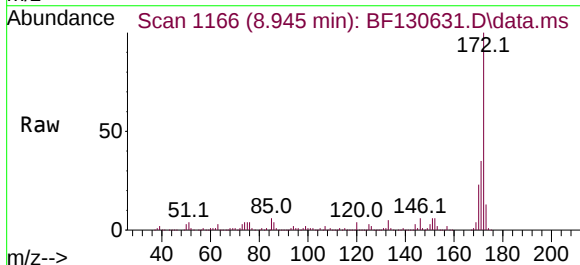
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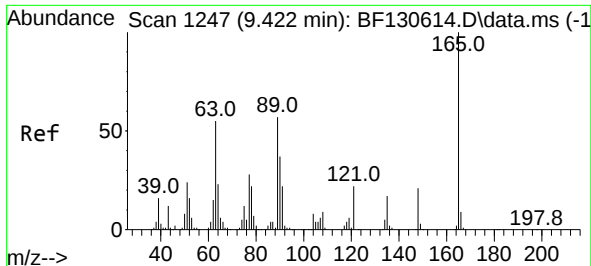
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.4 18.6 27.8

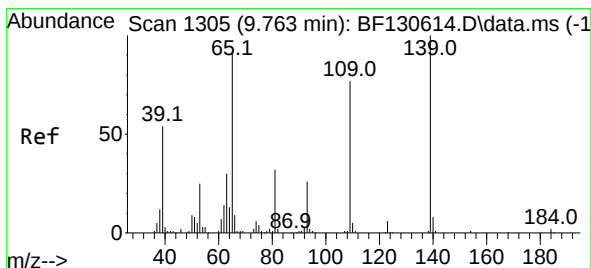
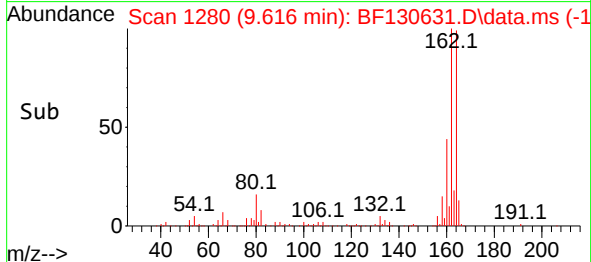
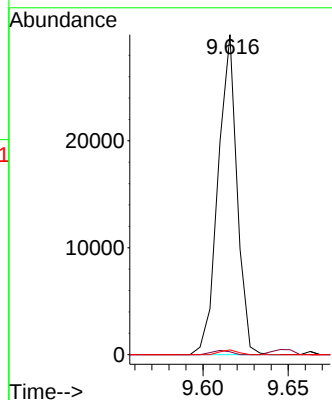
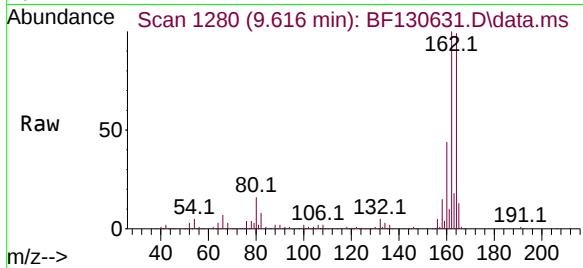




#51
2,6-Dinitrotoluene
Concen: 8.755 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

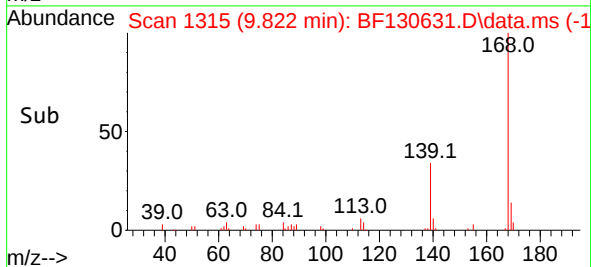
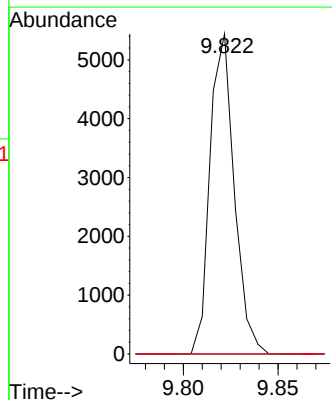
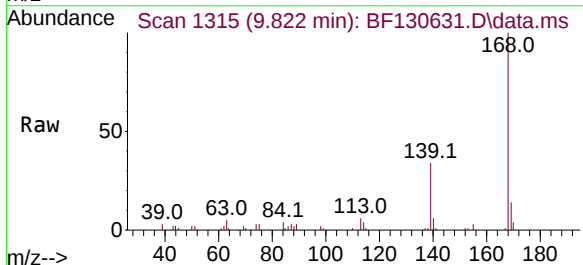
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

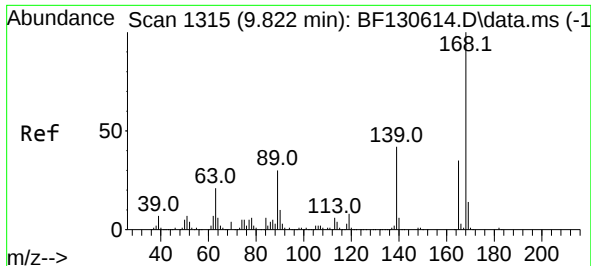
Tgt Ion:165 Resp: 23164
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 1.5 45.6 68.4#



#56
4-Nitrophenol
Concen: 3.038 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.059 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion:139 Resp: 4858
Ion Ratio Lower Upper
139 100
109 0.0 57.4 97.4#
65 0.0 71.3 111.3#





#57

2,4-Dinitrotoluene

Concen: 6.812 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF130631.D

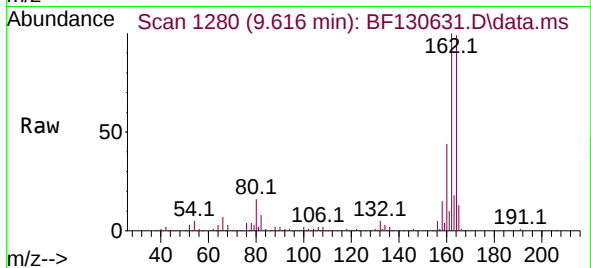
Acq: 12 Oct 2022 15:48

Instrument :

BNA_F

ClientSampleId :

C13(12-13)



Tgt Ion:165 Resp: 23164

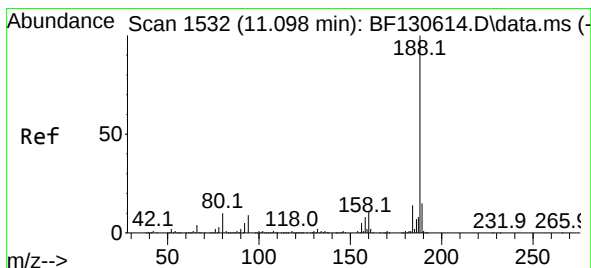
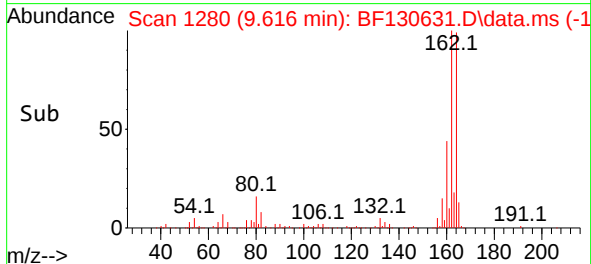
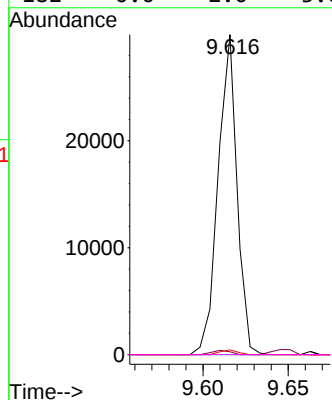
Ion Ratio Lower Upper

165 100

63 0.9 50.6 76.0#

89 1.5 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130631.D

Acq: 12 Oct 2022 15:48

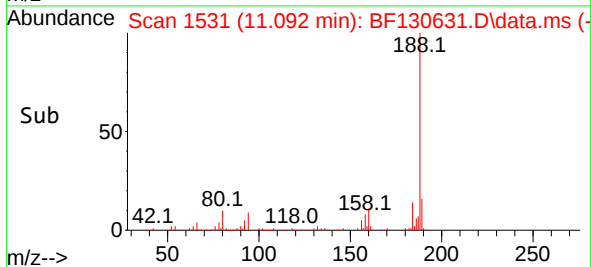
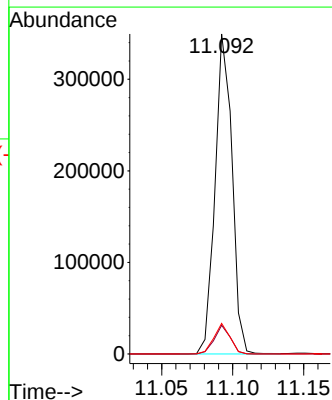
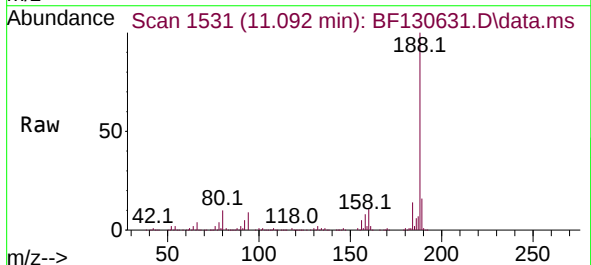
Tgt Ion:188 Resp: 289978

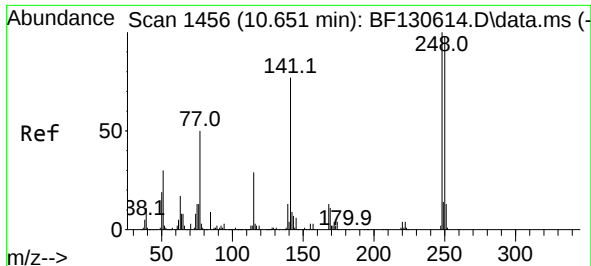
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.6 8.0 12.0

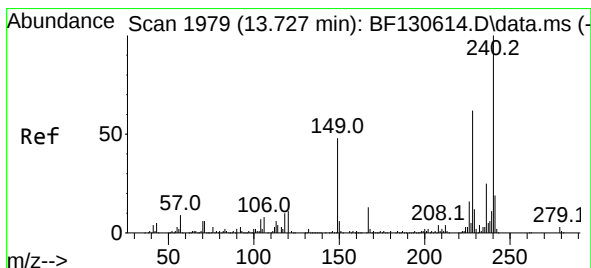
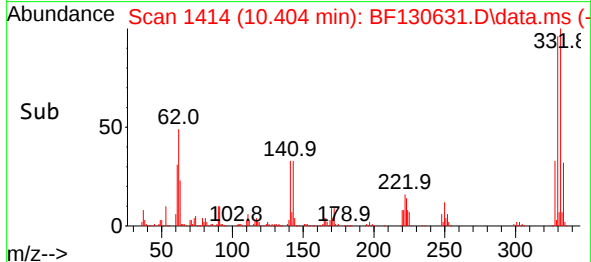
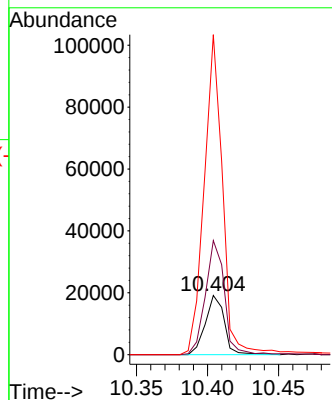
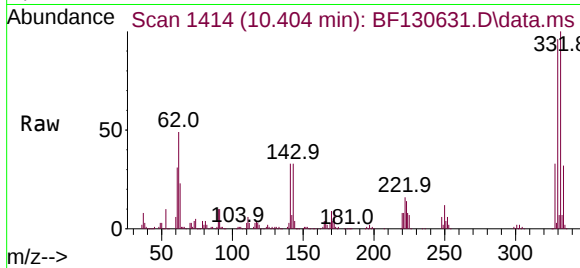




#67
4-Bromophenyl-phenylether
Concen: 5.451 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

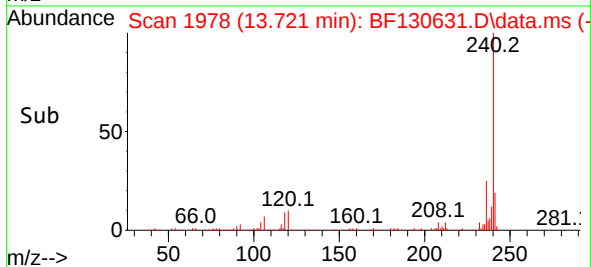
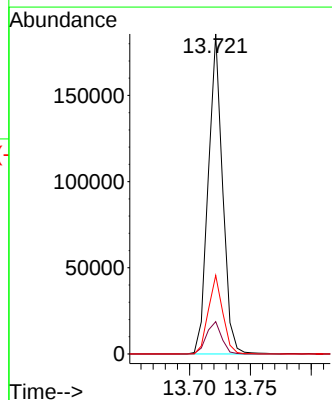
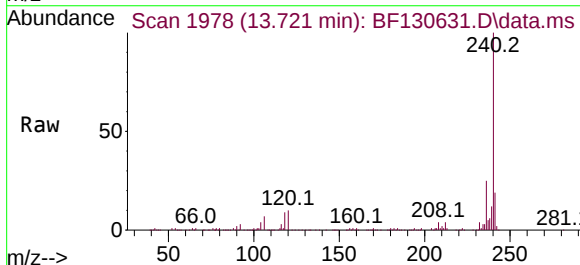
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

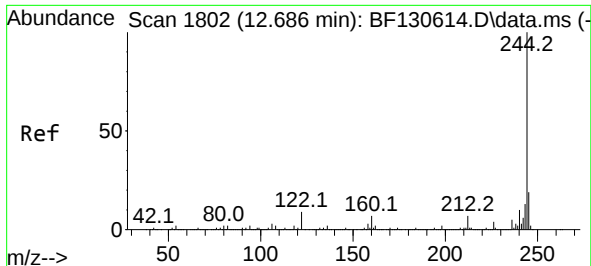
Tgt Ion:248 Resp: 17886
Ion Ratio Lower Upper
248 100
250 192.4 78.7 118.1#
141 539.7 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

Tgt Ion:240 Resp: 151403
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 24.5 20.2 30.4

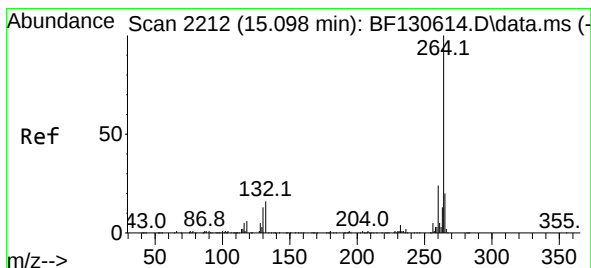
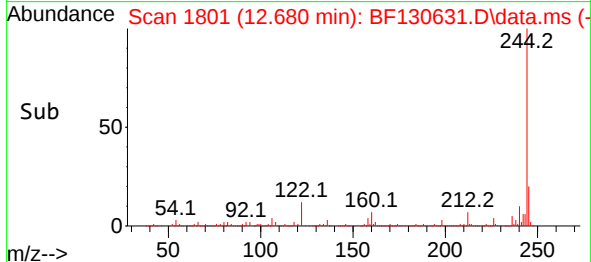
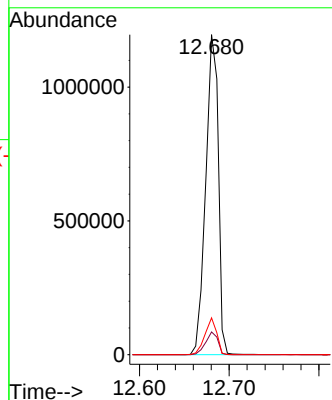
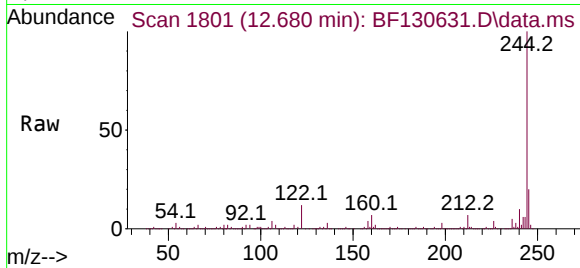




#79
 Terphenyl-d14
 Concen: 127.676 ng
 RT: 12.680 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130631.D
 Acq: 12 Oct 2022 15:48

Instrument :
 BNA_F
 ClientSampleId :
 C13(12-13)

Tgt Ion:244 Resp: 1164677
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.5 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF130631.D
 Acq: 12 Oct 2022 15:48

Tgt Ion:264 Resp: 150248
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.1 28.7
 265 22.0 16.4 24.6

