

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)

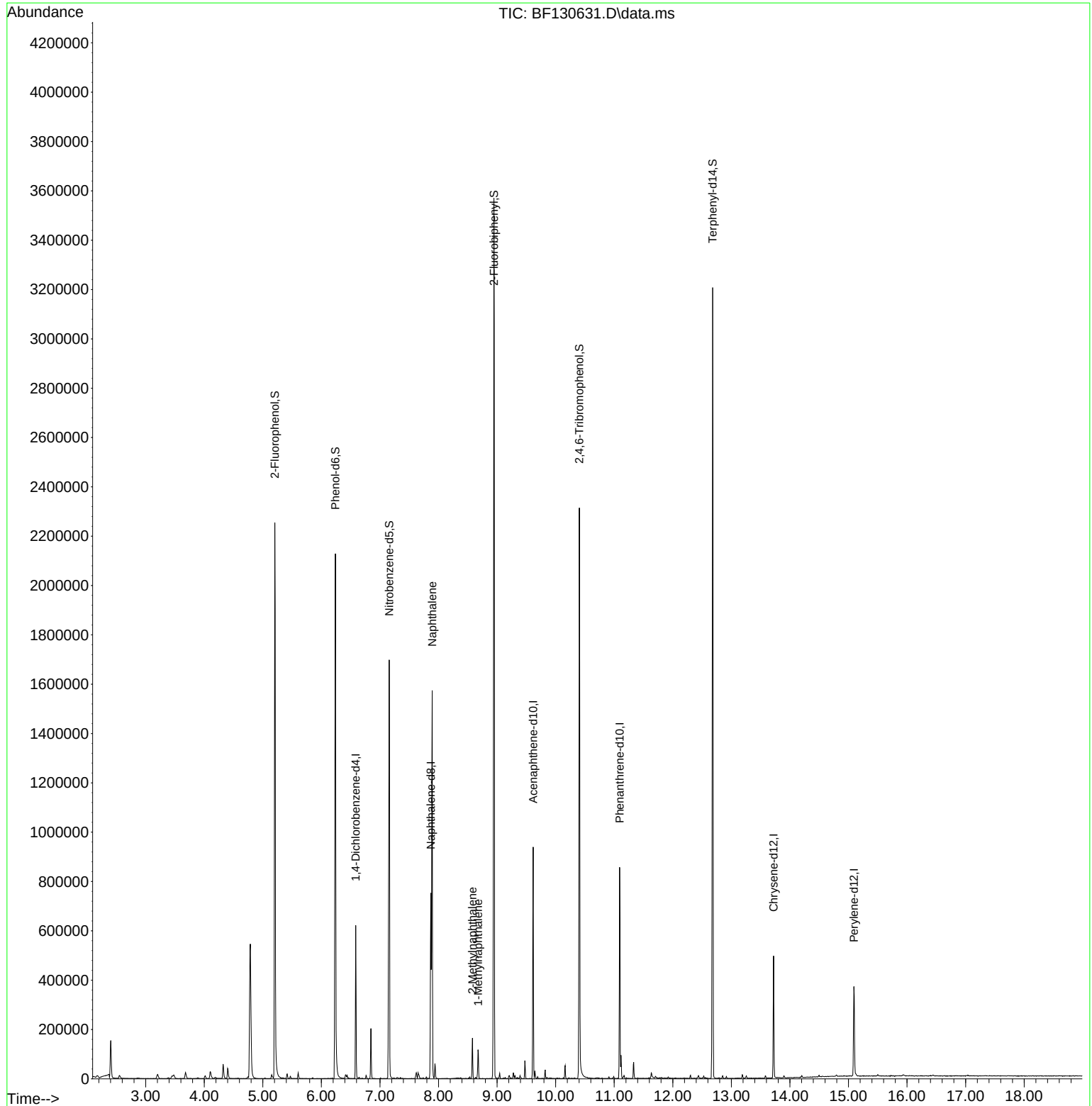
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	82048	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	329114	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	174241	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	289978	20.000	ng	0.00
76) Chrysene-d12	13.721	240	151403	20.000	ng	0.00
86) Perylene-d12	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						
31) Naphthalene	7.892	128	676778	39.725	ng	Qvalue 100
37) 2-Methylnaphthalene	8.581	142	39219	3.658	ng	97
38) 1-Methylnaphthalene	8.675	142	31126	2.991	ng	95

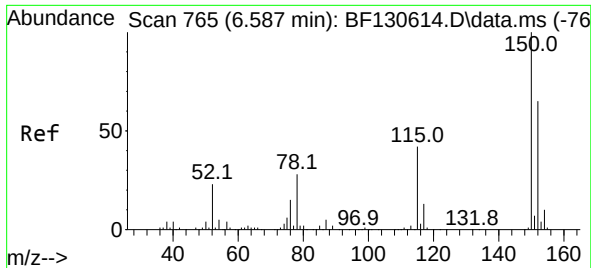
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

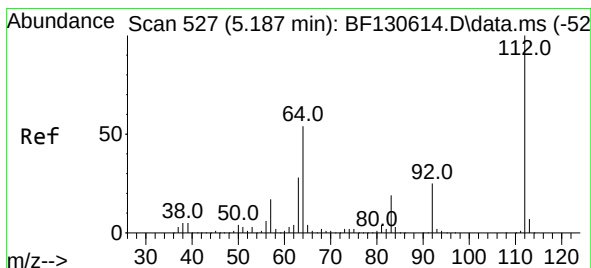
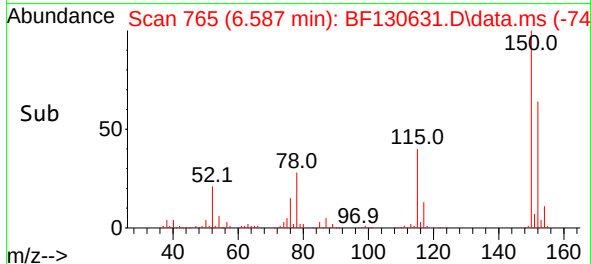
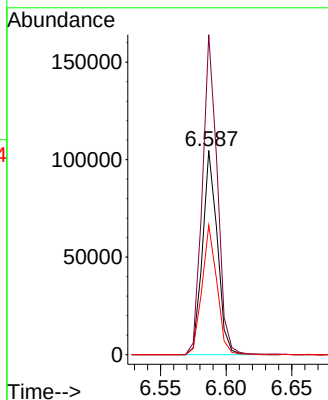
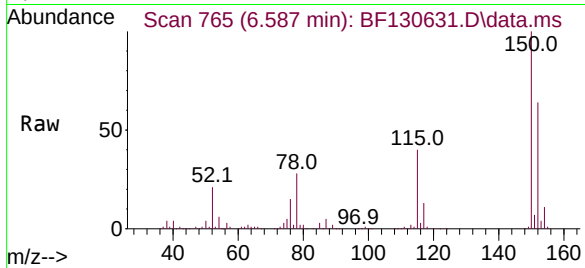




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

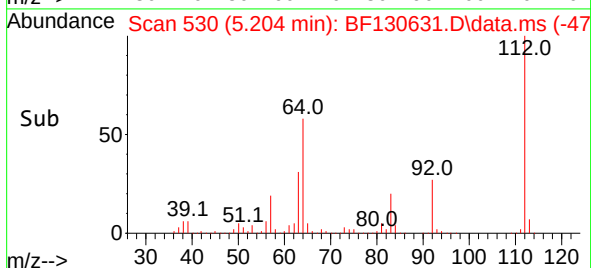
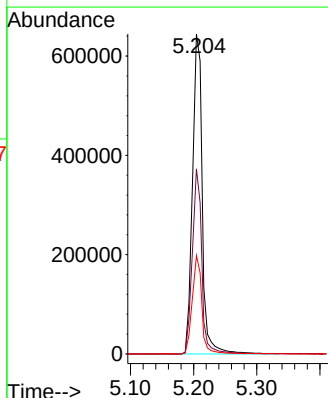
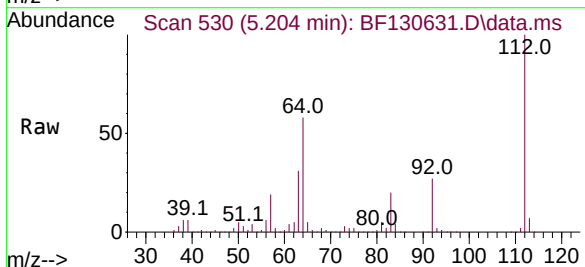
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

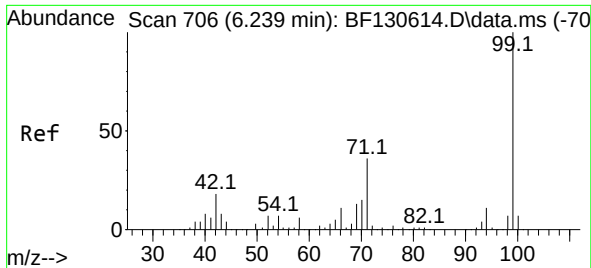
Tgt Ion:152 Resp: 82048
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 63.4 52.2 78.4



#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

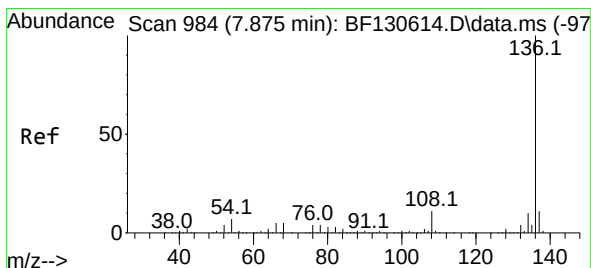
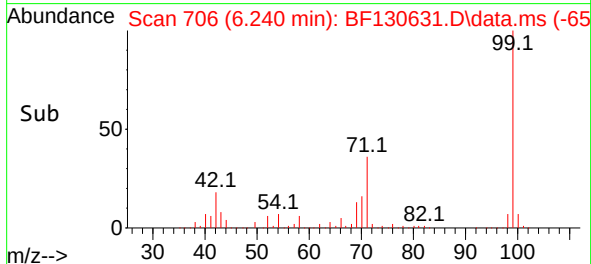
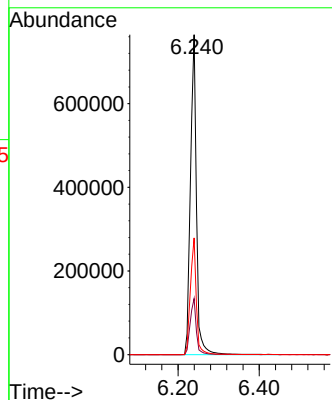
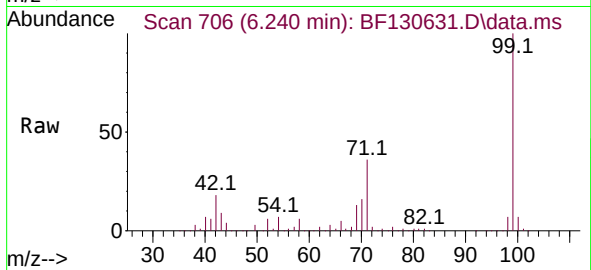




#7
Phenol-d6
Concen: 136.553 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

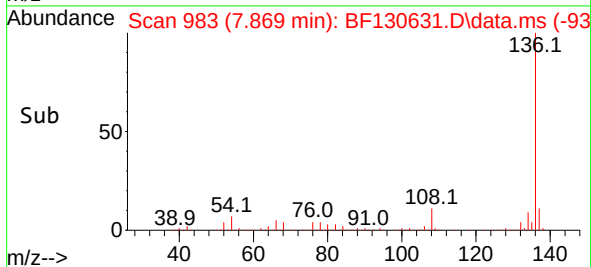
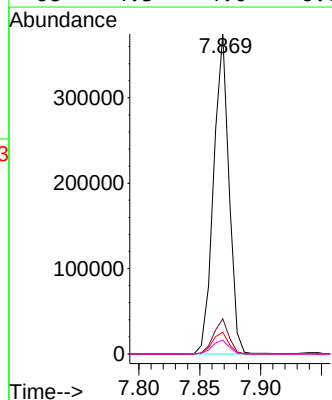
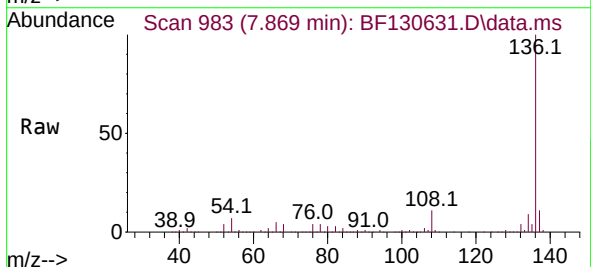
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

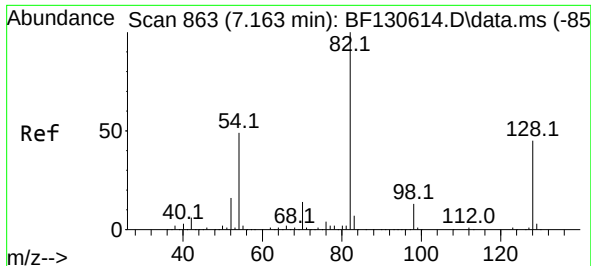
Tgt Ion: 99 Resp: 781471
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

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

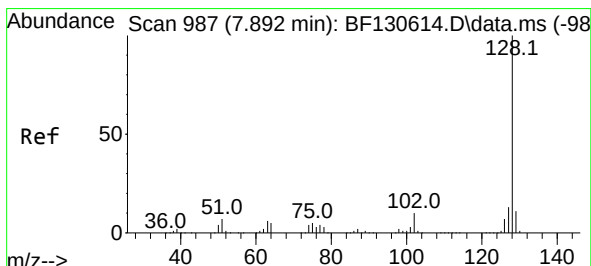
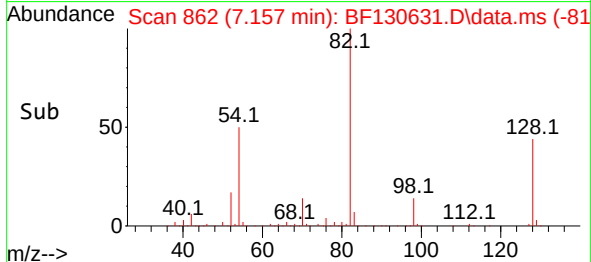
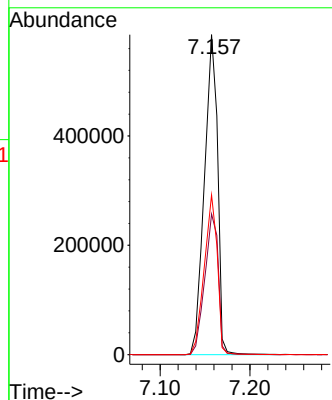
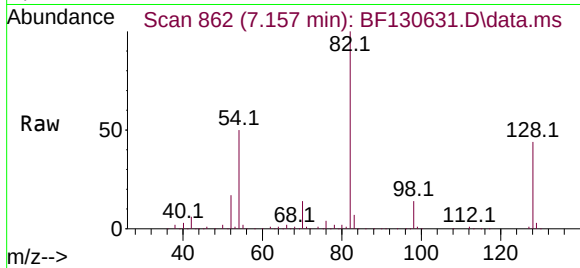




#23
Nitrobenzene-d5
Concen: 99.237 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

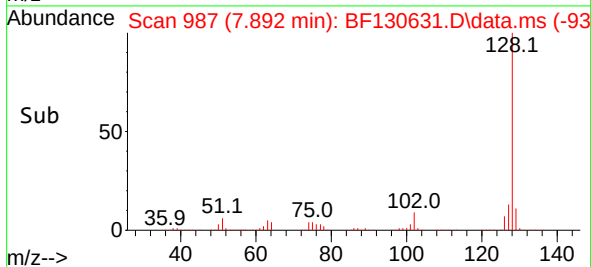
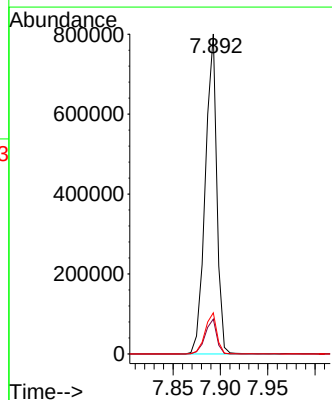
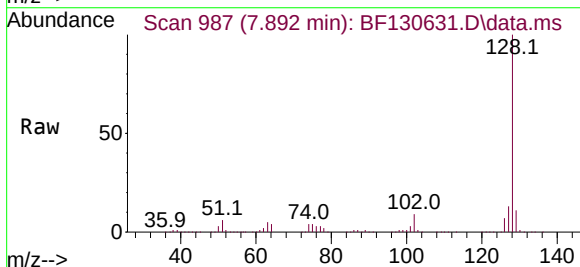
Instrument :
BNA_F
ClientSampleId :
C13(12-13)

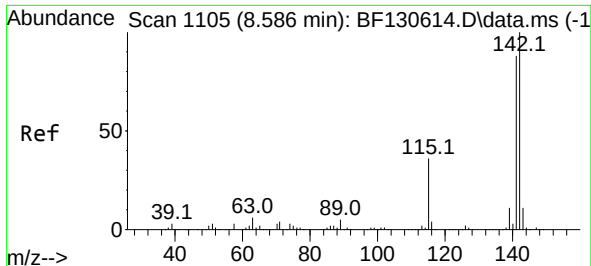
Tgt Ion: 82 Resp: 598274
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 49.9 39.3 58.9



#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





#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

Instrument :

BNA_F

ClientSampleId :

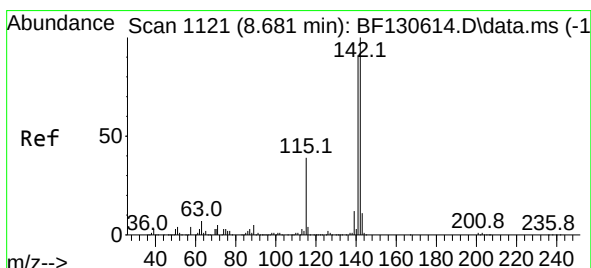
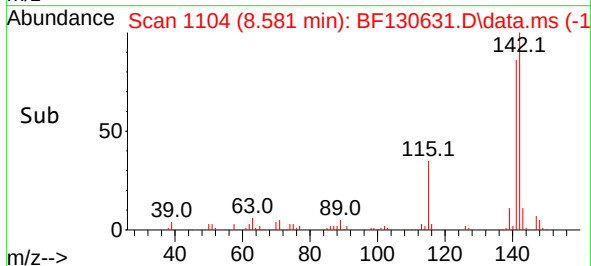
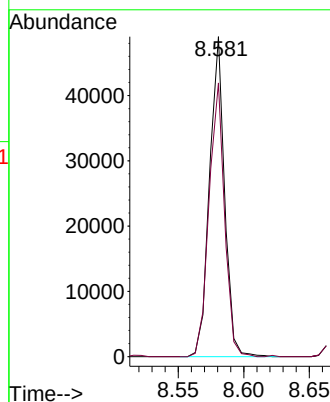
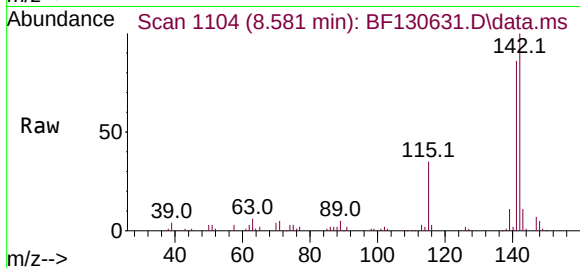
C13(12-13)

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# 1120

Delta R.T. -0.006 min

Lab File: BF130631.D

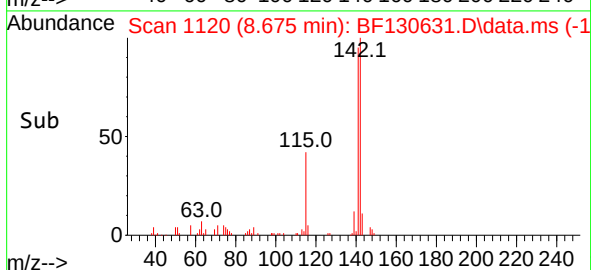
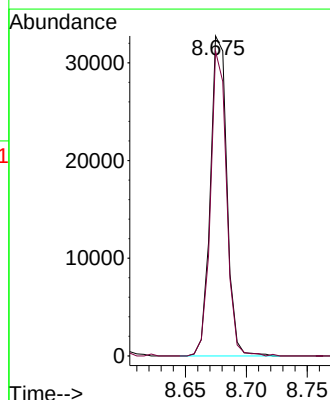
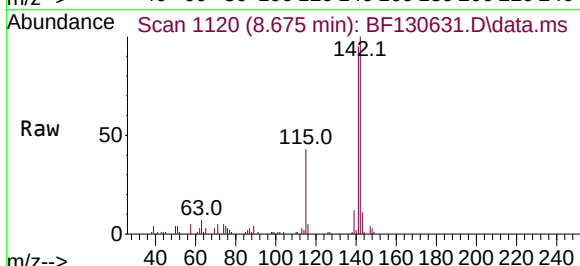
Acq: 12 Oct 2022 15:48

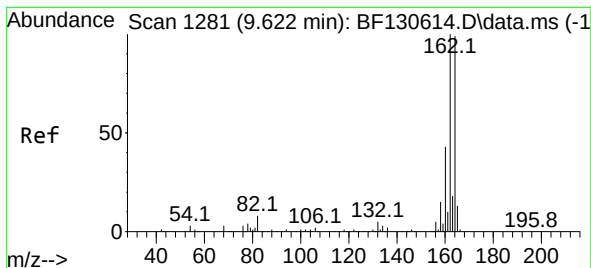
Tgt Ion:142 Resp: 31126

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# 11

Delta R.T. -0.006 min

Lab File: BF130631.D

Acq: 12 Oct 2022 15:48

Instrument :

BNA_F

ClientSampleId :

C13(12-13)

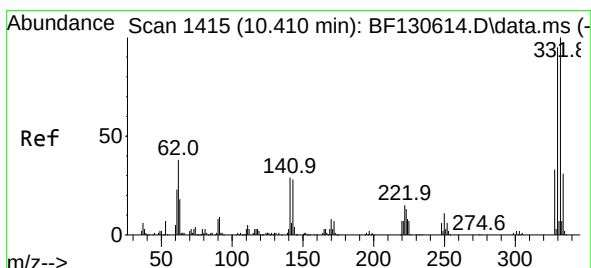
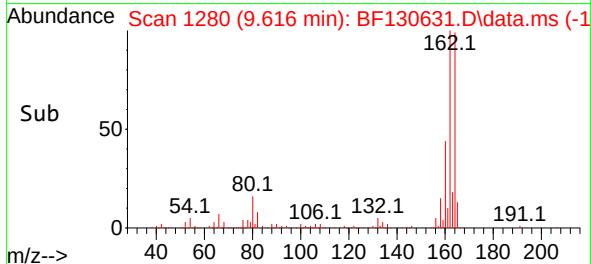
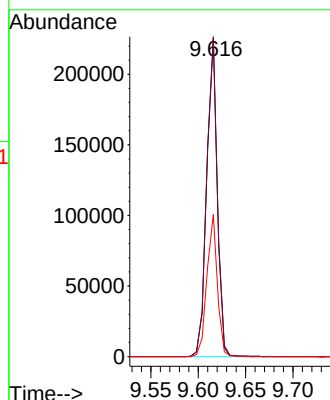
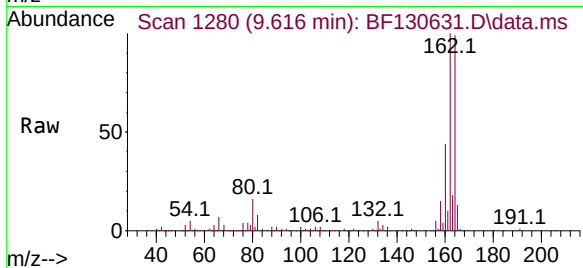
Tgt Ion:164 Resp: 174241

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# 1414

Delta R.T. -0.006 min

Lab File: BF130631.D

Acq: 12 Oct 2022 15:48

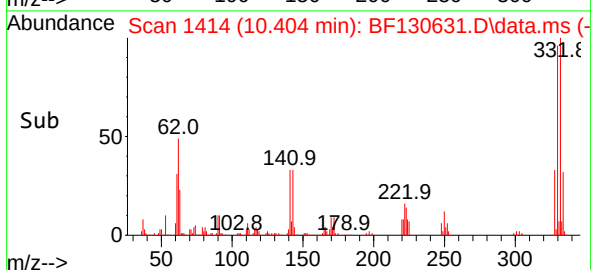
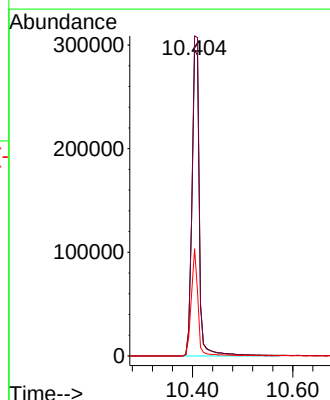
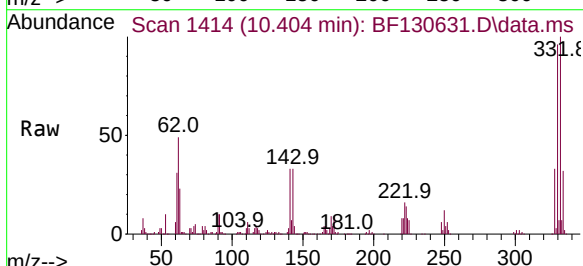
Tgt Ion:330 Resp: 299007

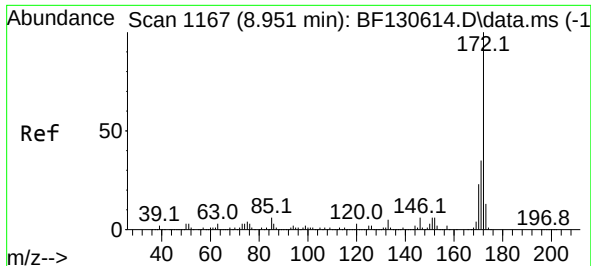
Ion Ratio Lower Upper

330 100

332 104.1 84.2 126.4

141 31.7 26.8 40.2

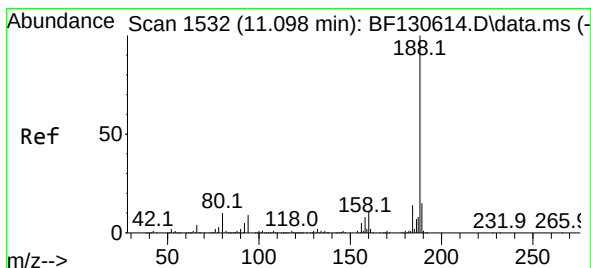
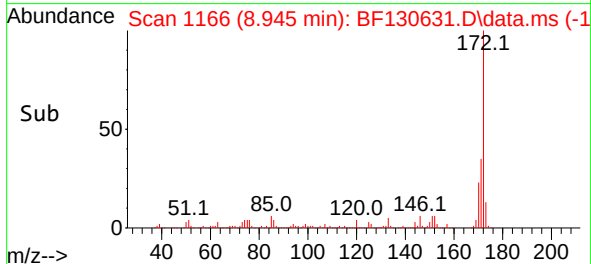
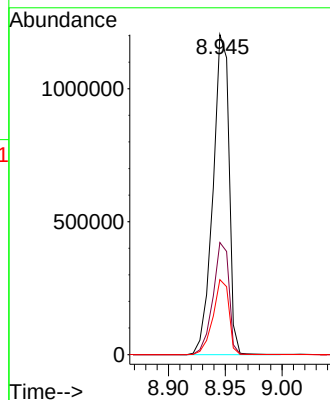
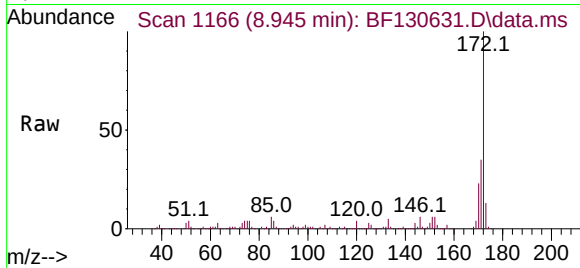




#45
2-Fluorobiphenyl
Concen: 103.039 ng
RT: 8.945 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

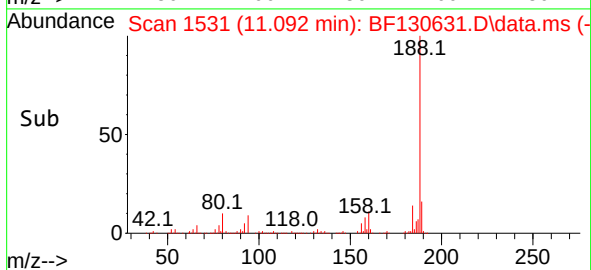
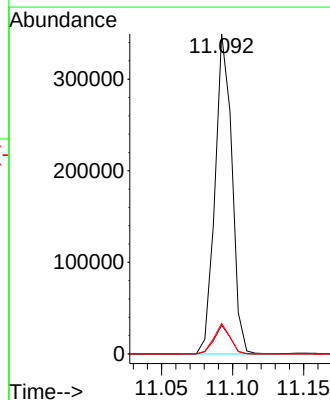
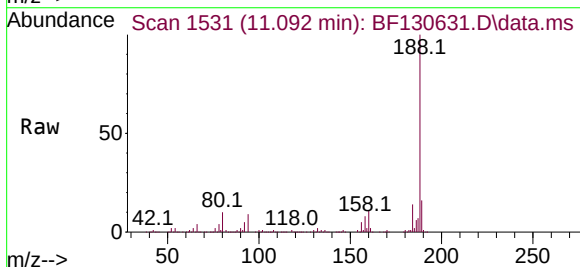
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C13(12-13)

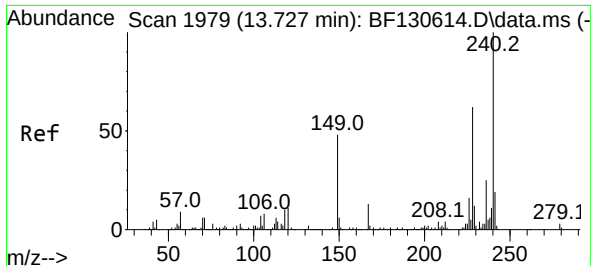
Tgt Ion:172 Resp: 1185250
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.4 18.6 27.8



#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

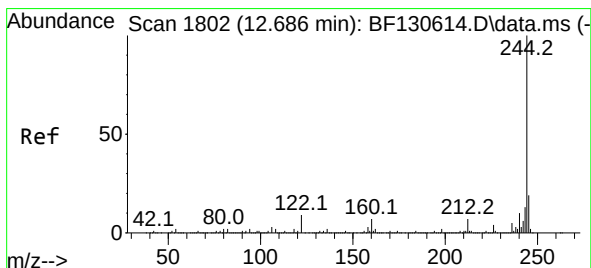
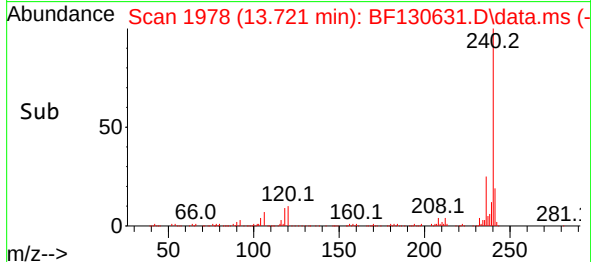
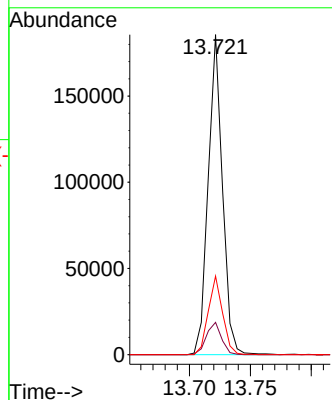
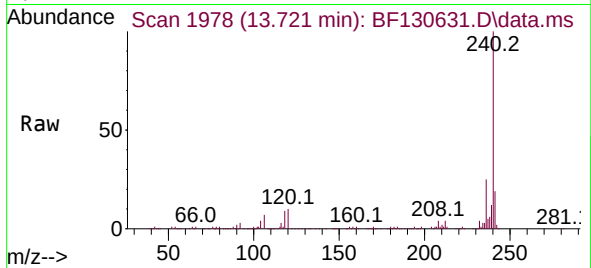




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

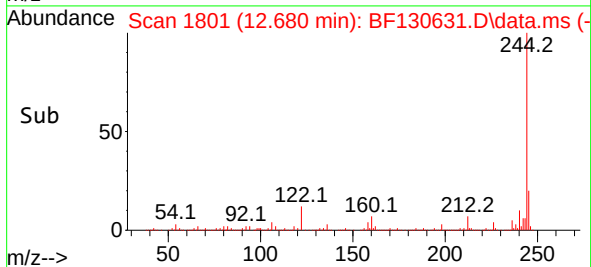
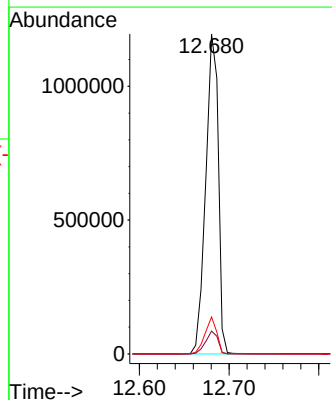
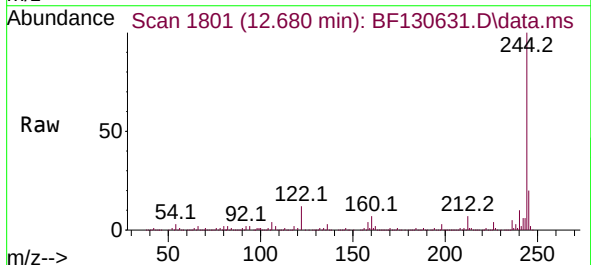
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C13(12-13)

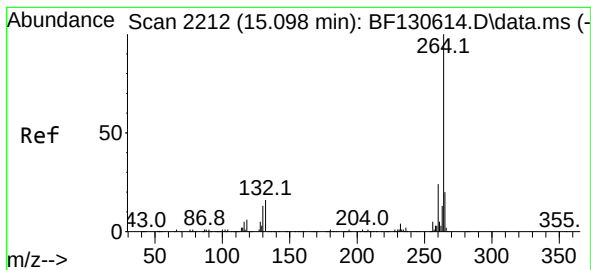
Tgt Ion:240 Resp: 151403
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 24.5 20.2 30.4



#79
Terphenyl-d14
Concen: 127.676 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130631.D
Acq: 12 Oct 2022 15:48

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# 21
 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:264 Resp: 150248
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.1 28.7
 265 22.0 16.4 24.6

