

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131118.D
 Acq On : 10 Nov 2022 12:22
 Operator : CG\JU
 Sample : N5495-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Quant Time: Nov 11 00:46:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	48936	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	238723	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	124062	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	176080	20.000	ng	0.00
76) Chrysene-d12	14.074	240	145902	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	136626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	342291	118.952	ng	0.00
7) Phenol-d6	6.516	99	358272	95.234	ng	0.00
23) Nitrobenzene-d5	7.451	82	246783	46.642	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	91422	71.304	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	536528	60.371	ng	0.00
79) Terphenyl-d14	13.016	244	453794	54.533	ng	0.00

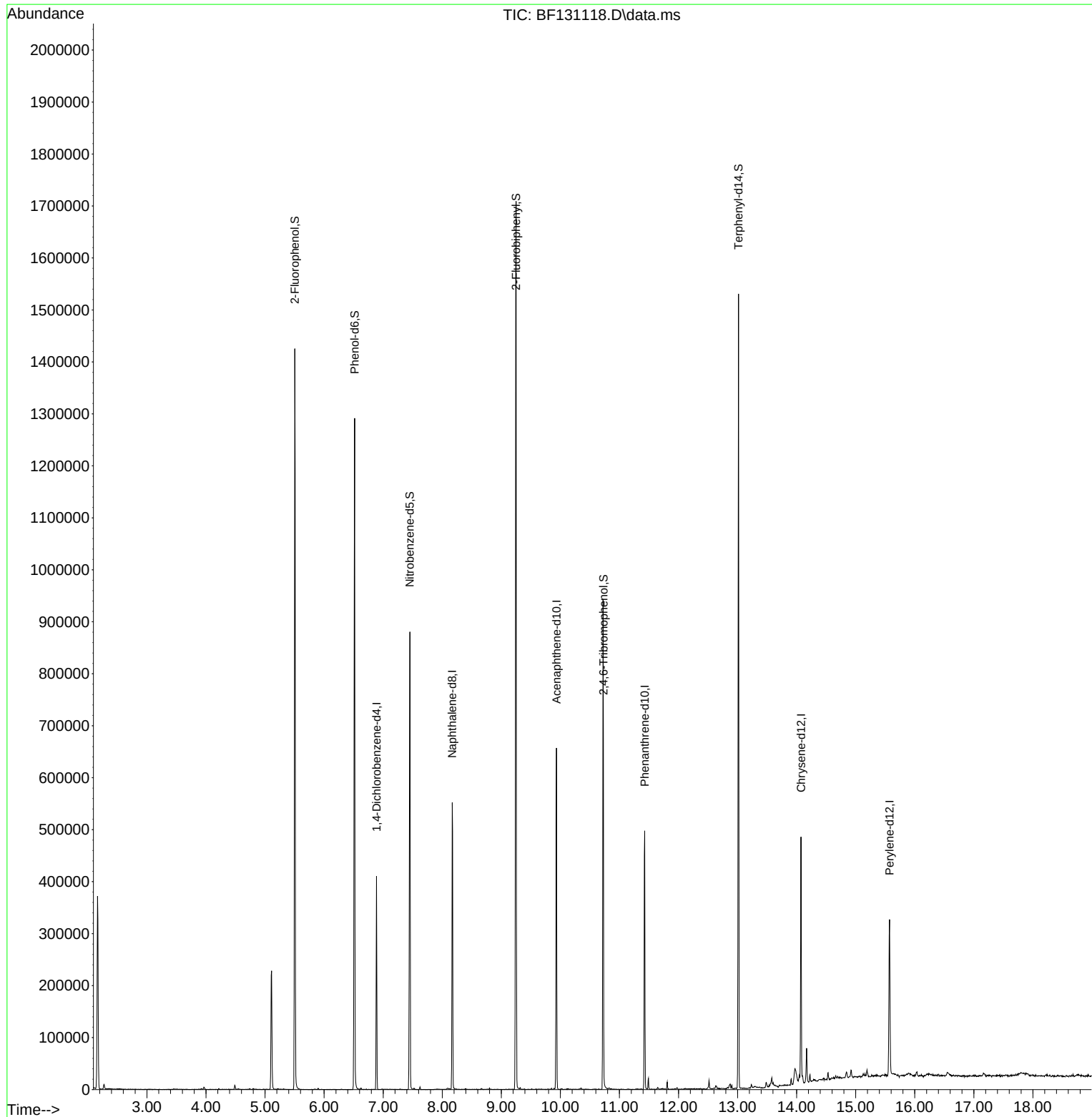
Target Compounds	Qvalue

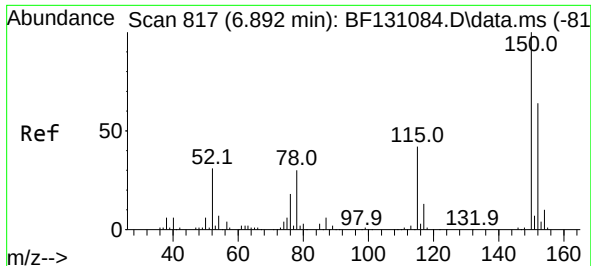
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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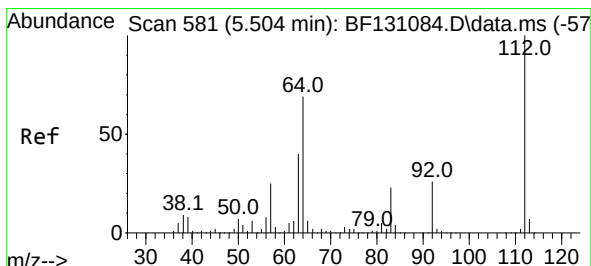
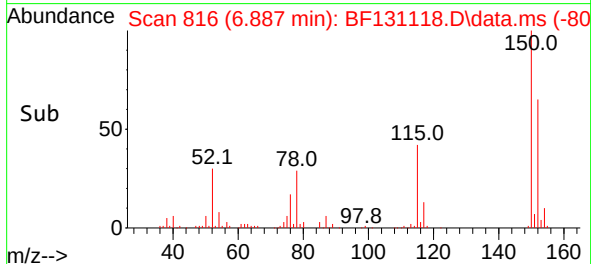
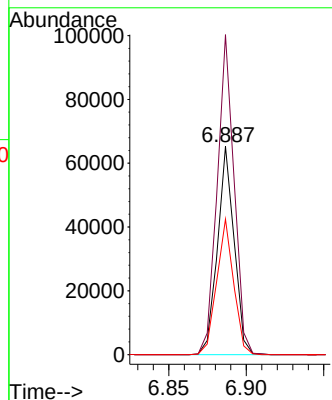
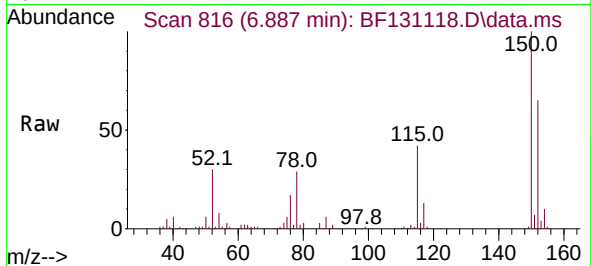




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.005 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

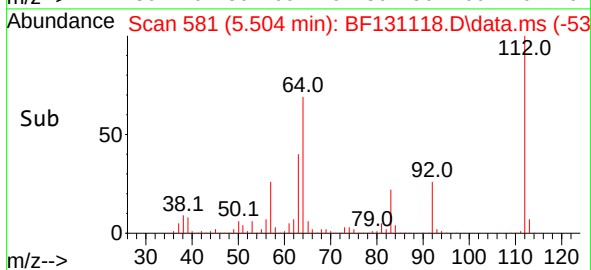
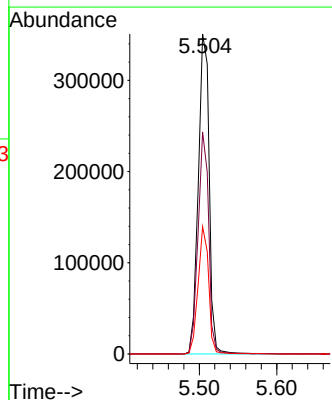
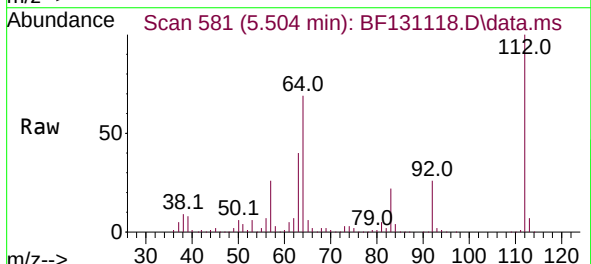
Instrument :
 BNA_F
 ClientSampleId :
 SB-14

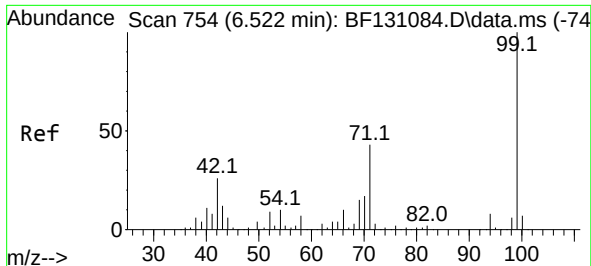
Tgt Ion:152 Resp: 48936
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.5 188.3
 115 65.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 118.952 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion:112 Resp: 342291
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.1 82.7
 63 39.8 32.4 48.6

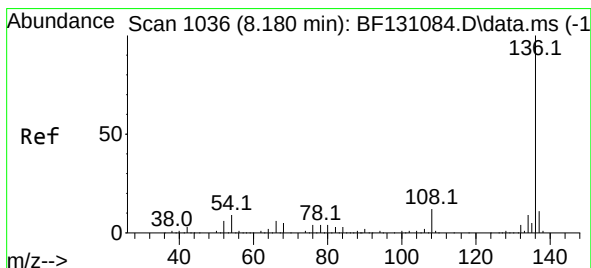
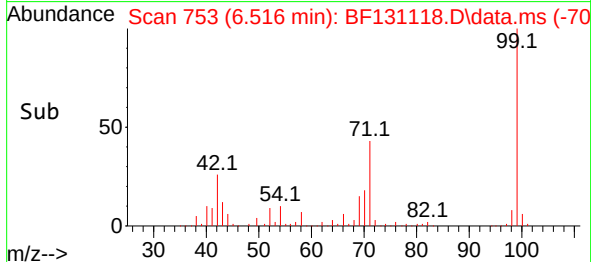
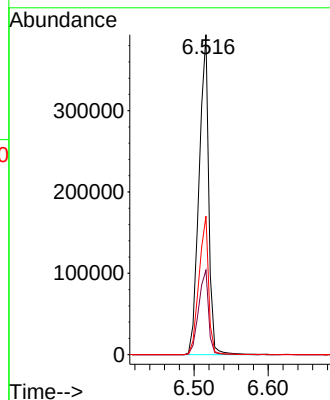
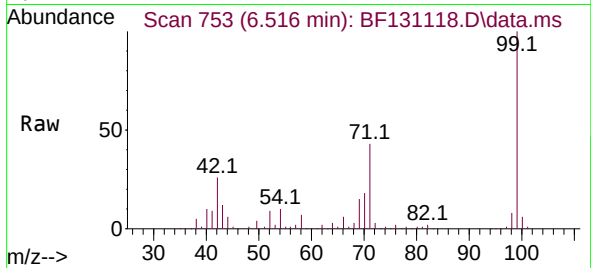




#7
Phenol-d6
Concen: 95.234 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

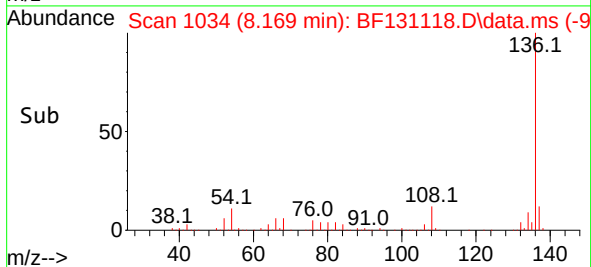
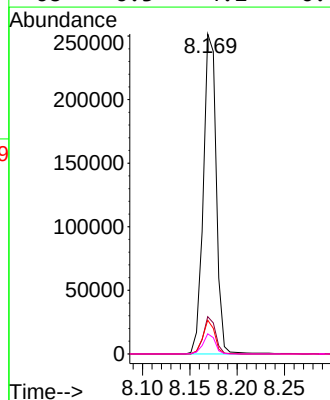
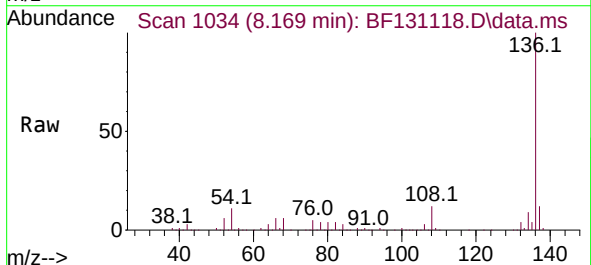
Instrument :
BNA_F
ClientSampleId :
SB-14

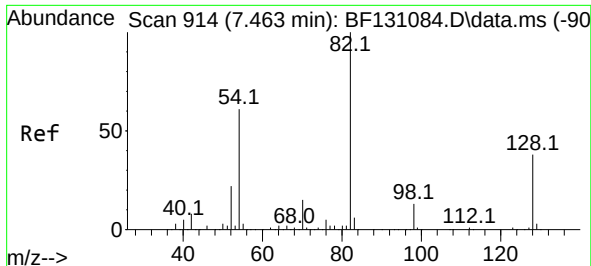
Tgt Ion: 99 Resp: 358272
Ion Ratio Lower Upper
99 100
42 26.4 20.8 31.2
71 43.2 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion: 136 Resp: 238723
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.5 7.2 10.8
68 6.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 46.642 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

Instrument :

BNA_F

ClientSampleId :

SB-14

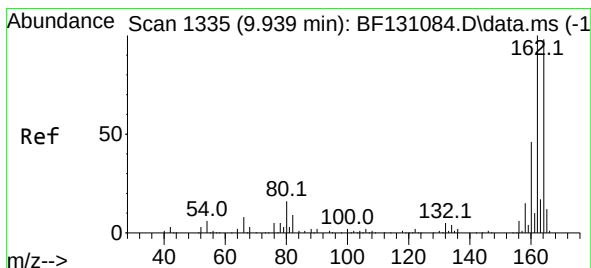
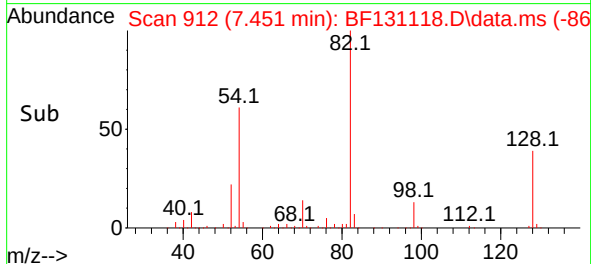
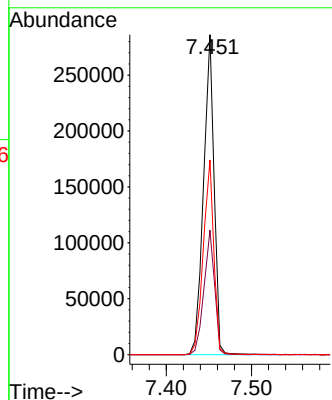
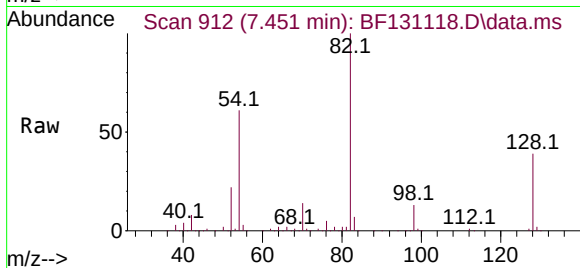
Tgt Ion: 82 Resp: 246783

Ion Ratio Lower Upper

82 100

128 38.9 30.5 45.7

54 60.8 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

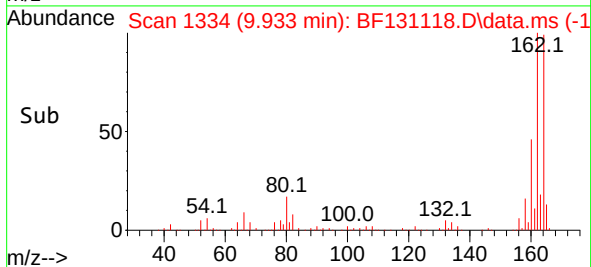
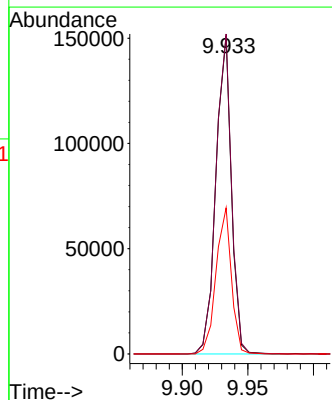
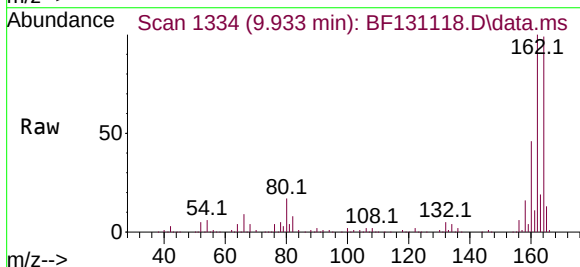
Tgt Ion:164 Resp: 124062

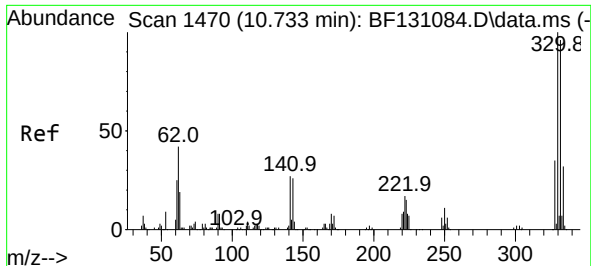
Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

160 45.9 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 71.304 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

Instrument :

BNA_F

ClientSampleId :

SB-14

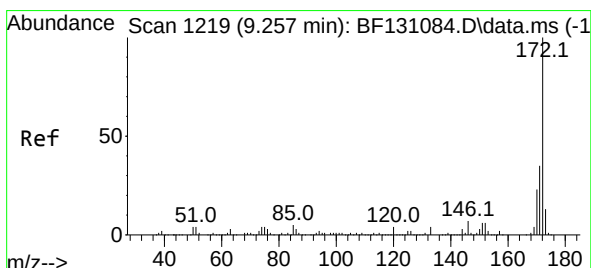
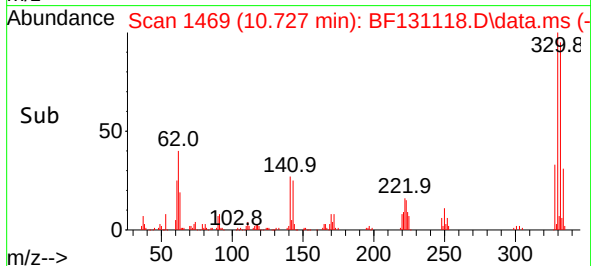
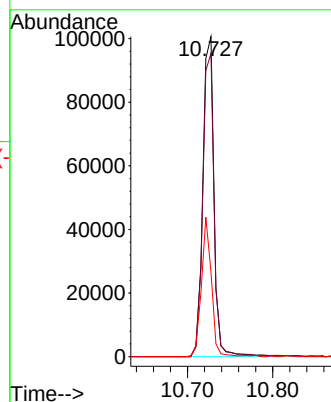
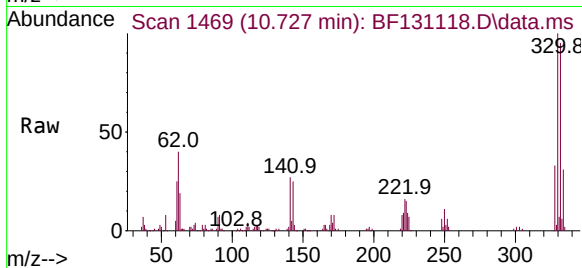
Tgt Ion:330 Resp: 91422

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 38.7 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 60.371 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

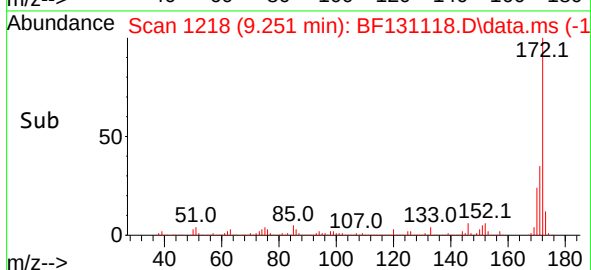
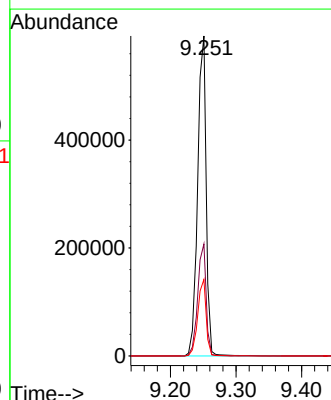
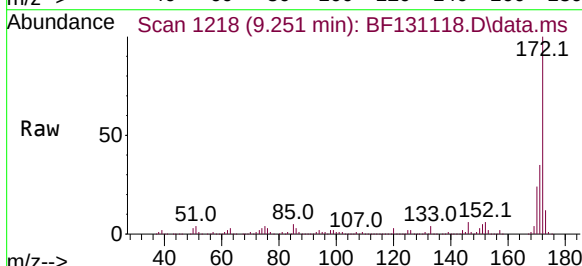
Tgt Ion:172 Resp: 536528

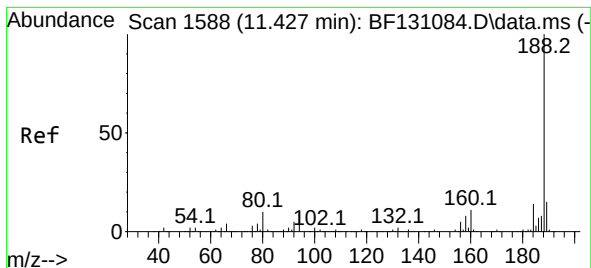
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

Instrument :

BNA_F

ClientSampleId :

SB-14

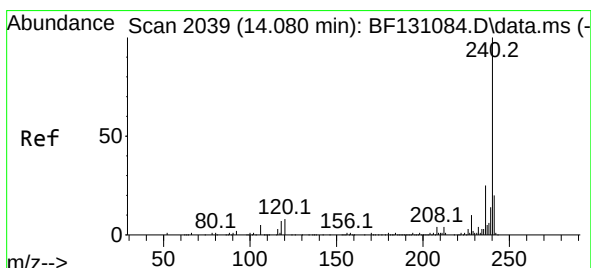
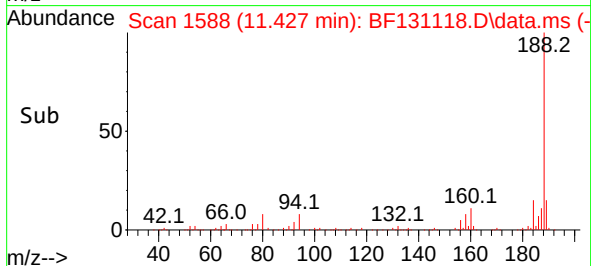
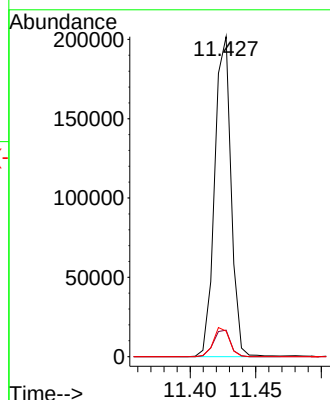
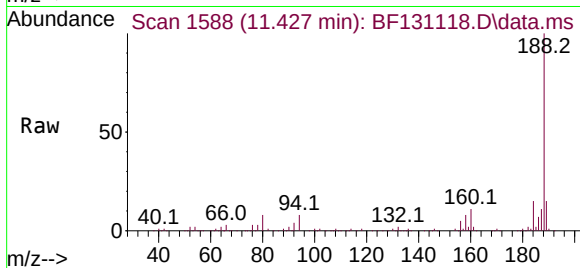
Tgt Ion:188 Resp: 176080

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 8.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

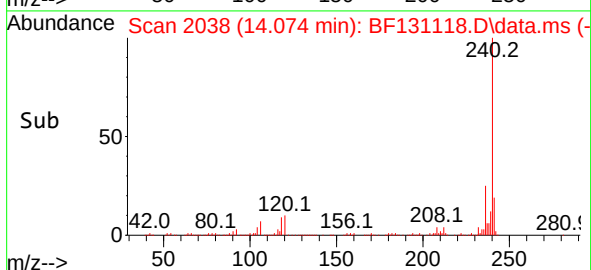
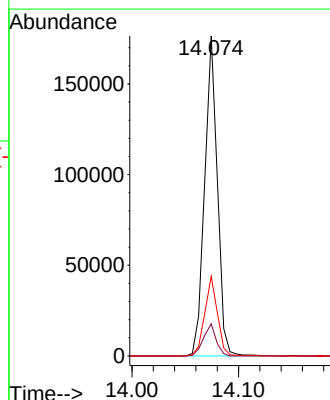
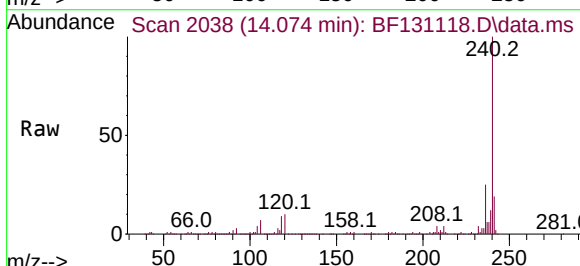
Tgt Ion:240 Resp: 145902

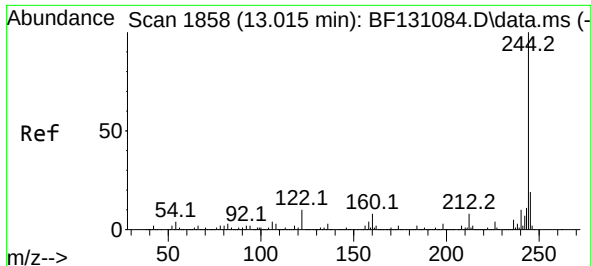
Ion Ratio Lower Upper

240 100

120 10.1 6.5 9.7#

236 24.9 19.7 29.5

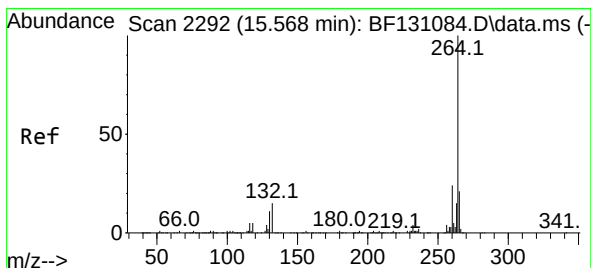
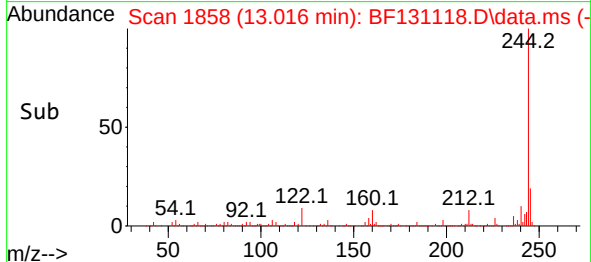
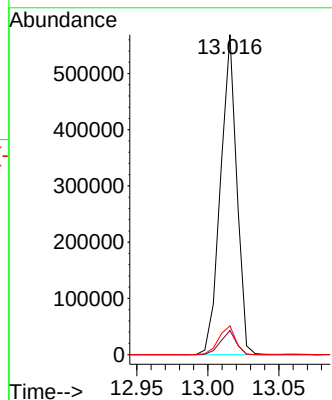
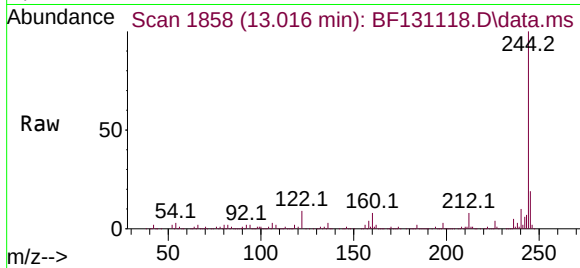




#79
 Terphenyl-d14
 Concen: 54.533 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tgt Ion:244 Resp: 453794
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion:264 Resp: 136626
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.1 16.7 25.1

