

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131120.D
 Acq On : 10 Nov 2022 13:24
 Operator : CG\JU
 Sample : N5378-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-20221028-12.5-13.5

Quant Time: Nov 11 00:46:58 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)

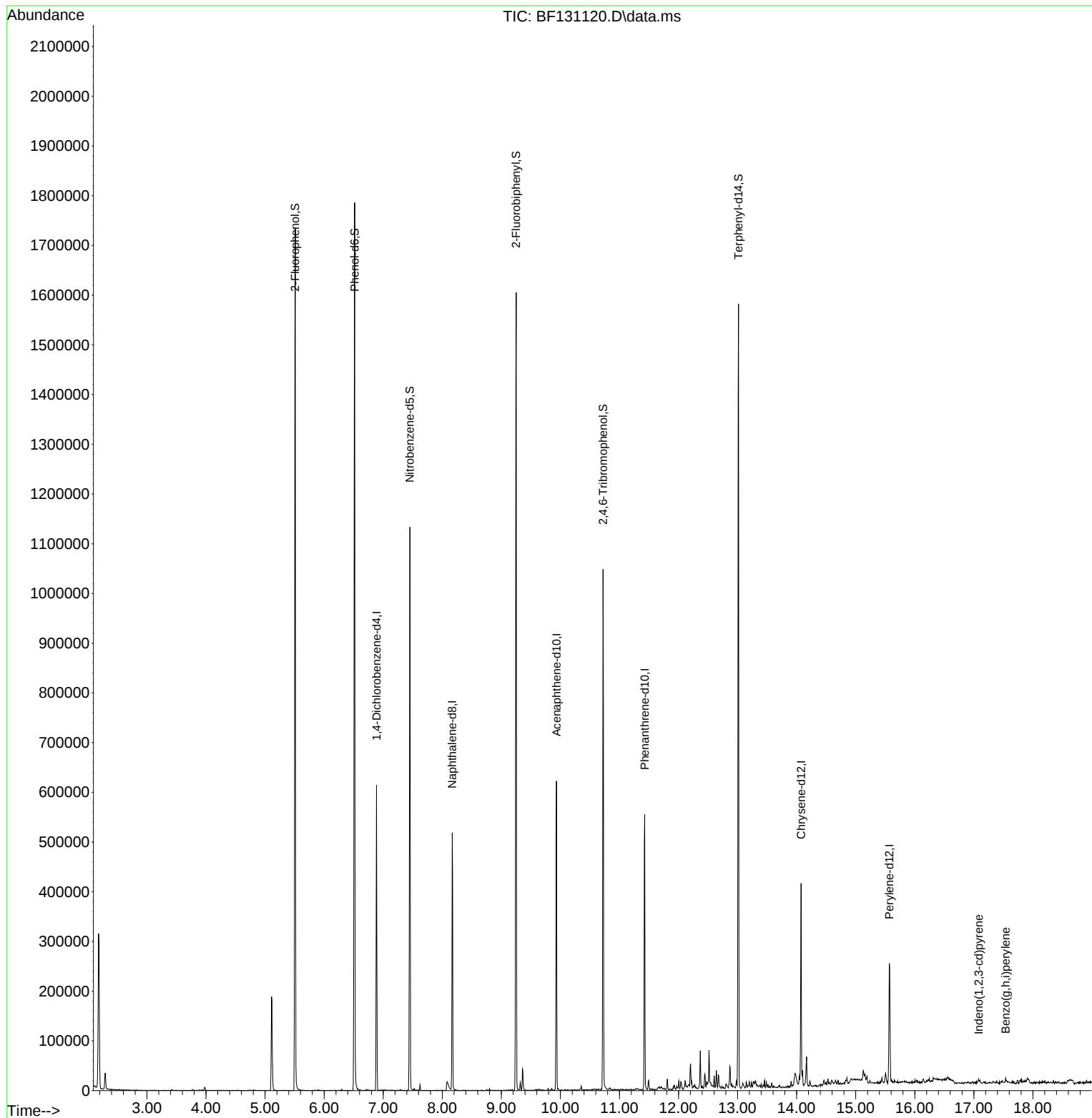
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74020	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	214877	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	116729	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	195531	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	112085	20.000	ng	0.00
86) Perylene-d12	15.568	264	111084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	415827	95.537	ng	0.00
7) Phenol-d6	6.516	99	534027	93.847	ng	0.00
23) Nitrobenzene-d5	7.451	82	325175	68.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	106257	88.080	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	478790	57.259	ng	0.00
79) Terphenyl-d14	13.016	244	517791	80.997	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	4127	4.282	ng	# 91
92) Benzo(g,h,i)perylene	17.539	276	4660	4.908	ng	# 95

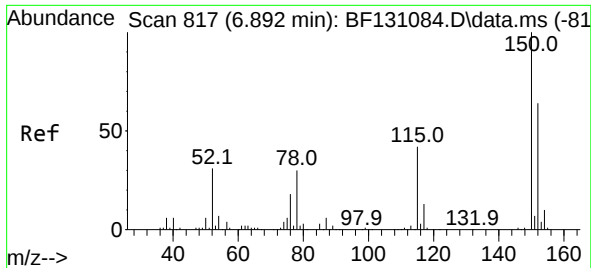
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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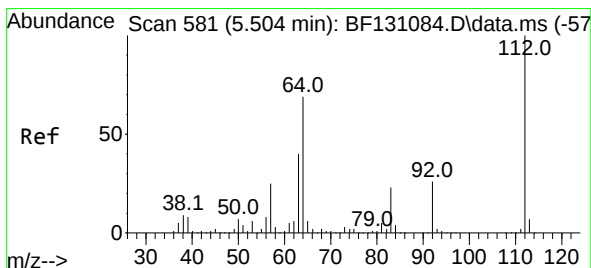
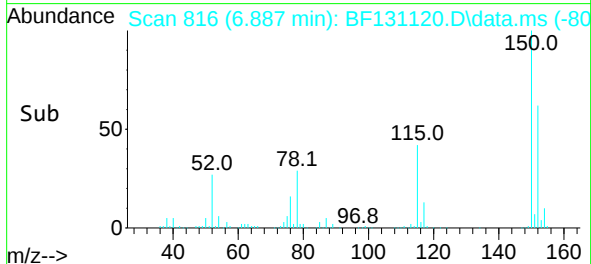
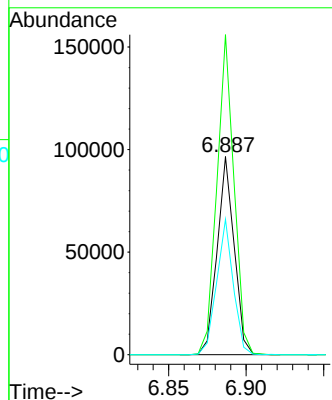
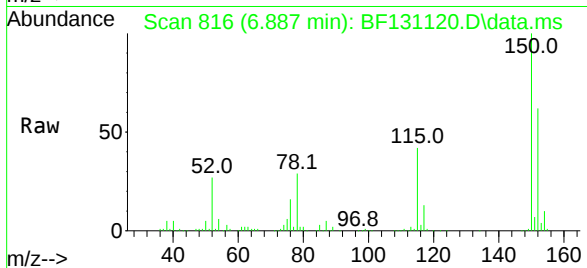




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

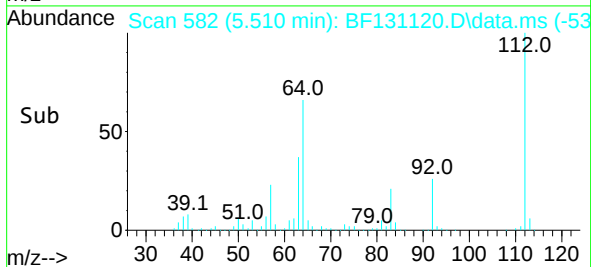
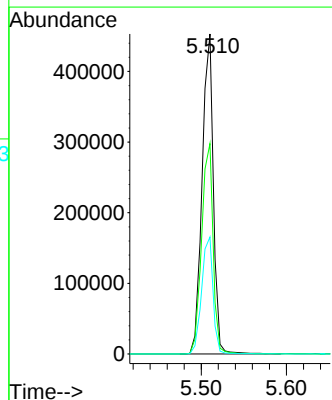
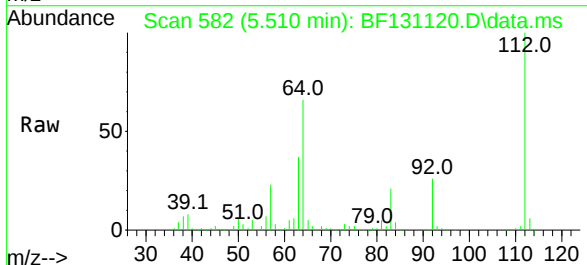
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

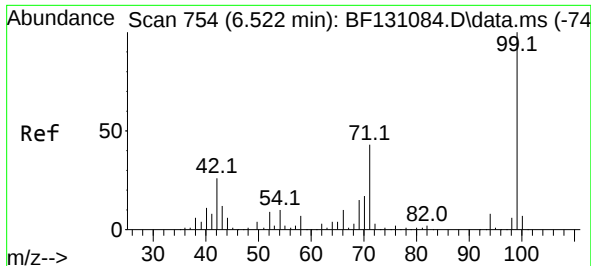
Tgt Ion:152 Resp: 74020
Ion Ratio Lower Upper
152 100
150 161.6 125.5 188.3
115 68.3 52.2 78.2



#5
2-Fluorophenol
Concen: 95.537 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:112 Resp: 415827
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 36.6 32.4 48.6

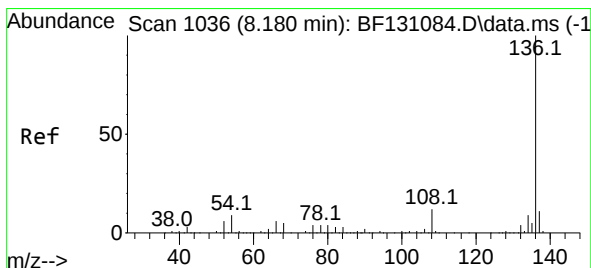
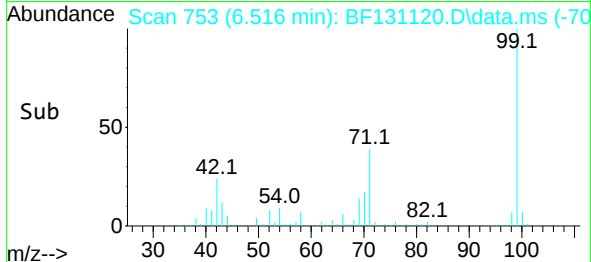
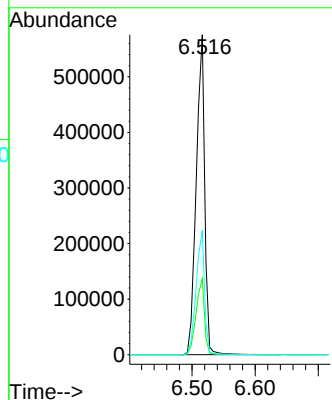
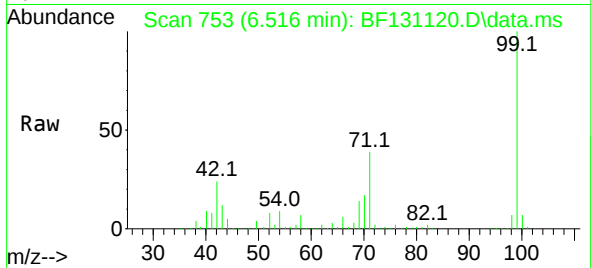




#7
Phenol-d6
Concen: 93.847 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

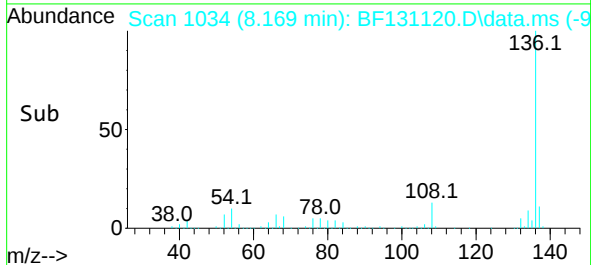
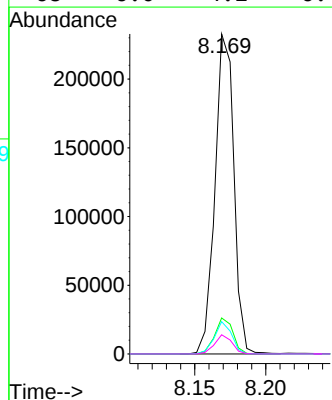
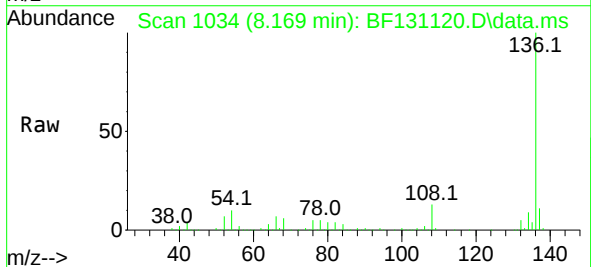
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

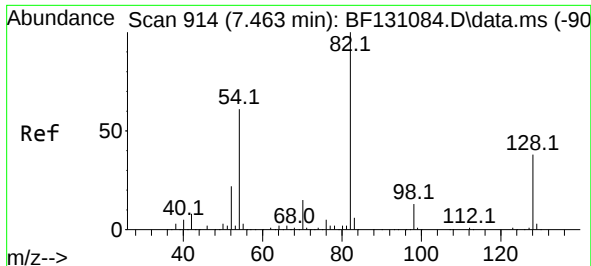
Tgt Ion: 99 Resp: 534027
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 38.9 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion: 136 Resp: 214877
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.1 7.2 10.8
68 6.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 68.279 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

Instrument :

BNA_F

ClientSampleId :

SB-15-20221028-12.5-13.5

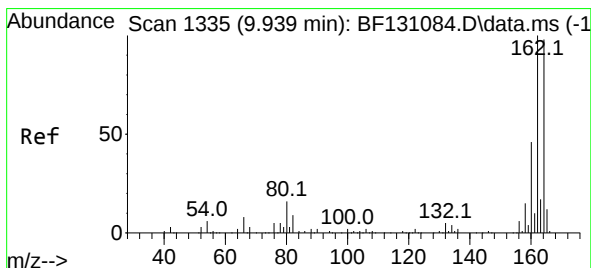
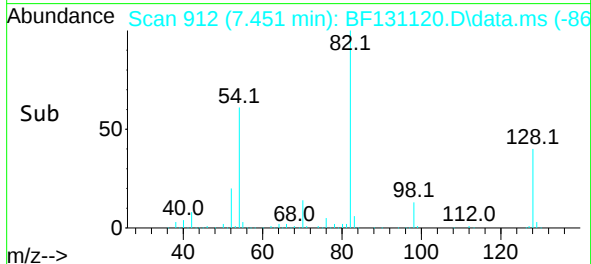
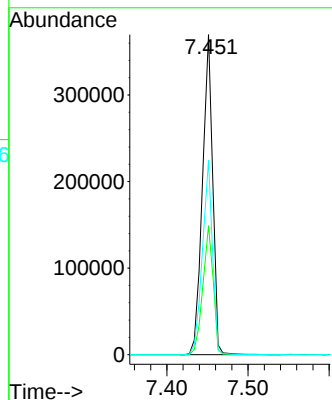
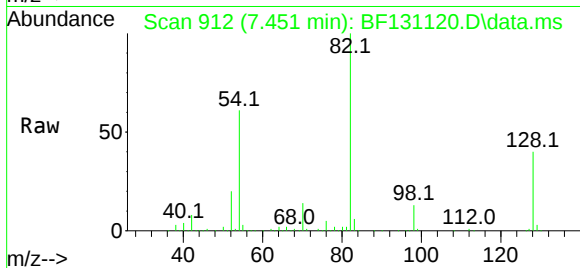
Tgt Ion: 82 Resp: 325175

Ion Ratio Lower Upper

82 100

128 40.3 30.5 45.7

54 60.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

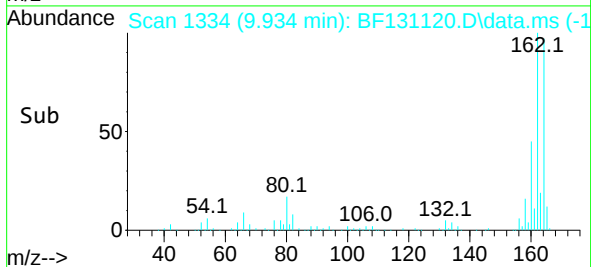
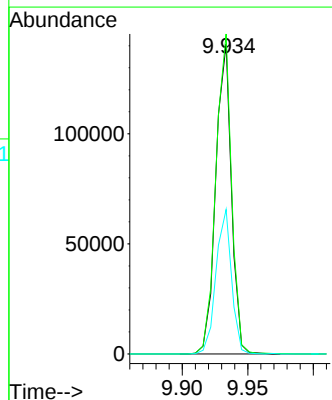
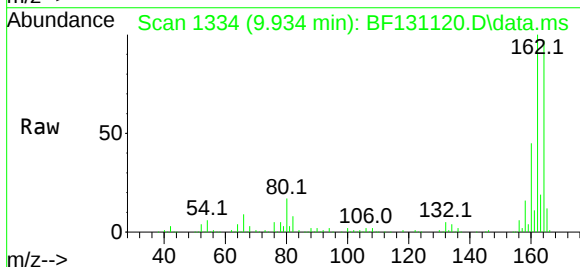
Tgt Ion:164 Resp: 116729

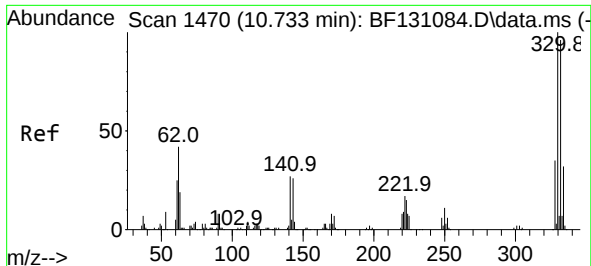
Ion Ratio Lower Upper

164 100

162 103.2 81.7 122.5

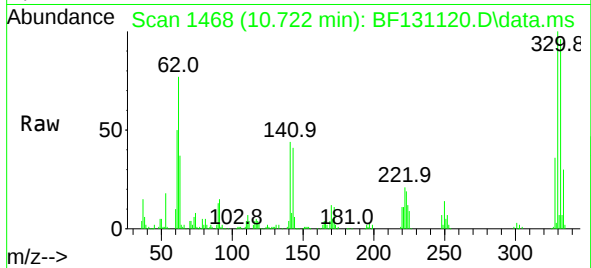
160 46.6 37.4 56.2



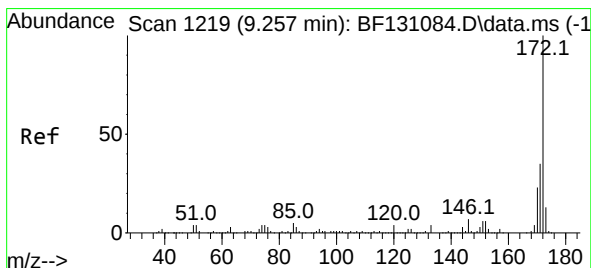
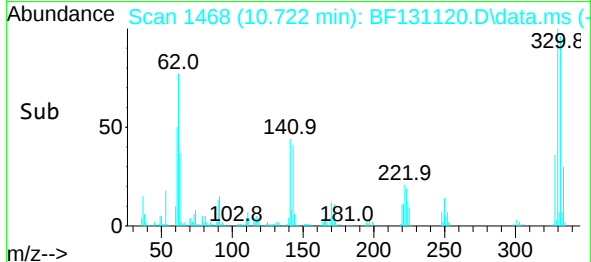
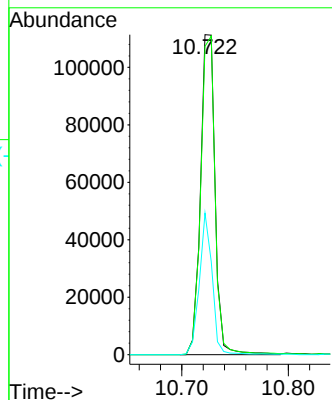


#42
2,4,6-Tribromophenol
Concen: 88.080 ng
RT: 10.722 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

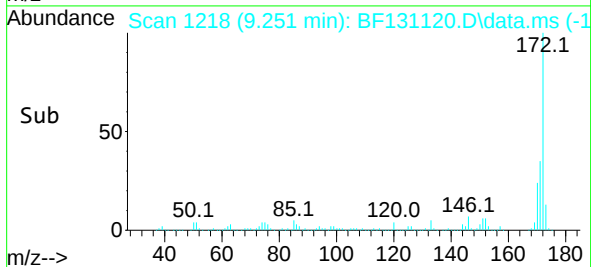
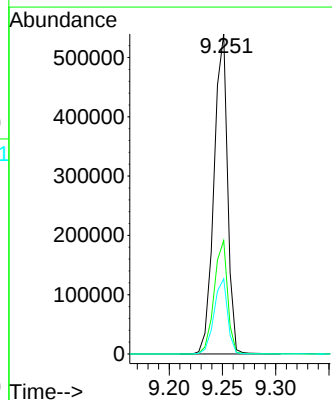
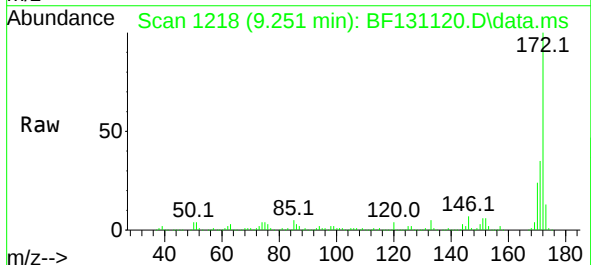


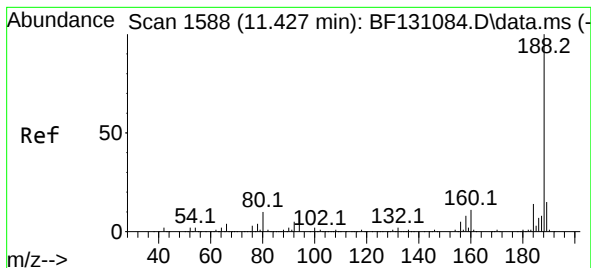
Tgt Ion:330 Resp: 106257
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.4
141 39.1 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 57.259 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:172 Resp: 478790
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF131120.D

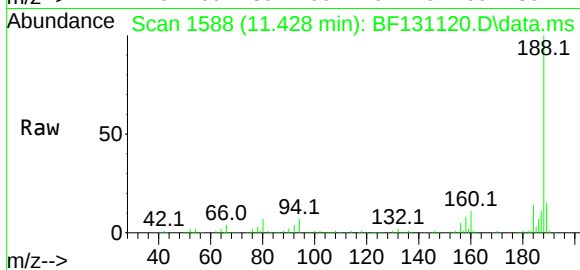
Acq: 10 Nov 2022 13:24

Instrument :

BNA_F

ClientSampleId :

SB-15-20221028-12.5-13.5



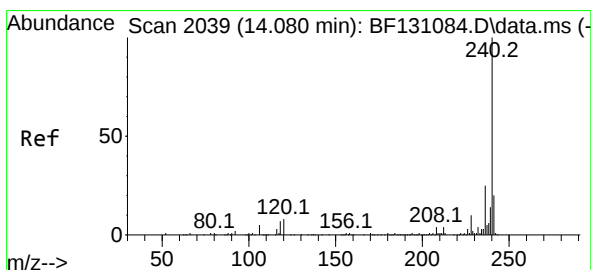
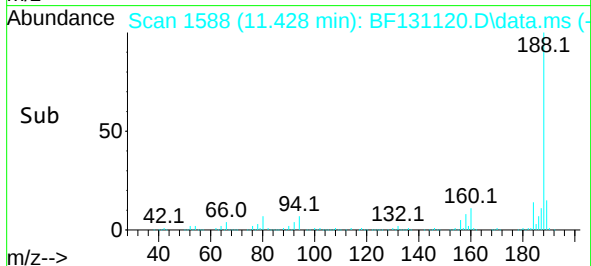
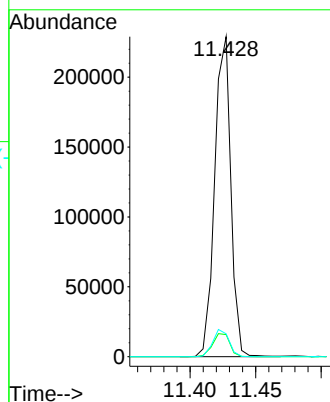
Tgt Ion:188 Resp: 195531

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.2 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: BF131120.D

Acq: 10 Nov 2022 13:24

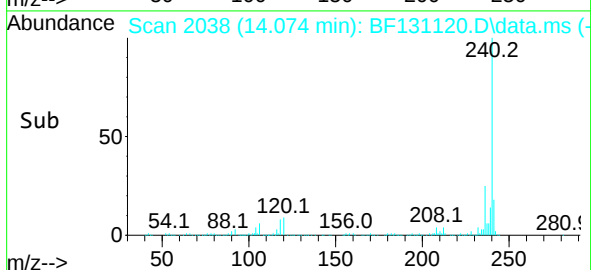
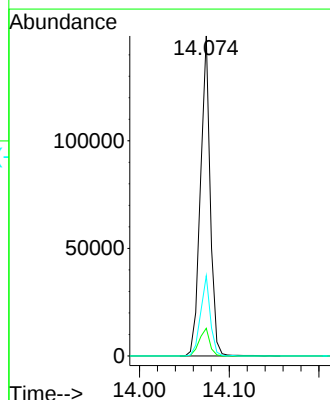
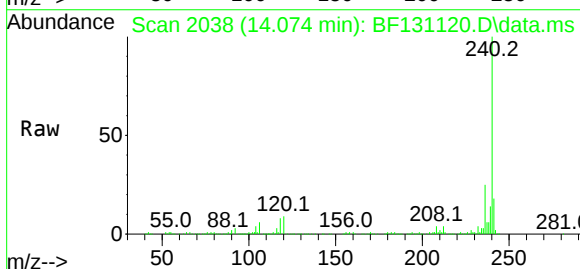
Tgt Ion:240 Resp: 112085

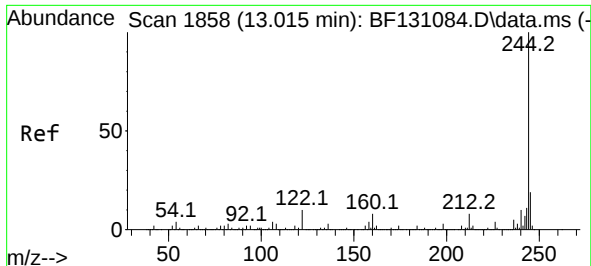
Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

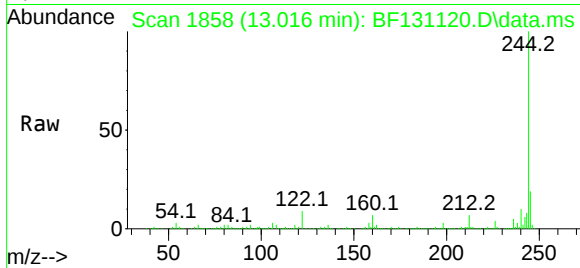
236 25.0 19.7 29.5



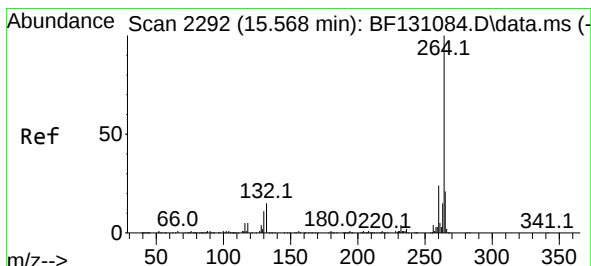
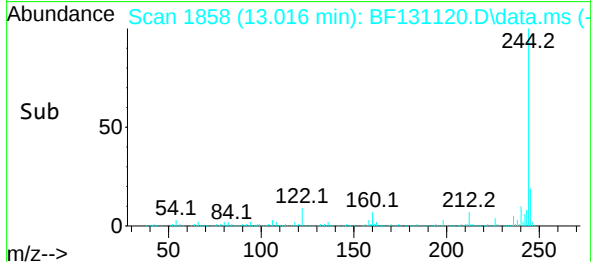
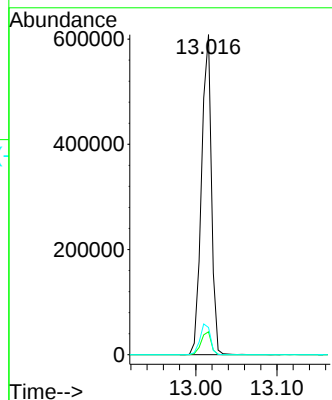


#79
 Terphenyl-d14
 Concen: 80.997 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-20221028-12.5-13.5

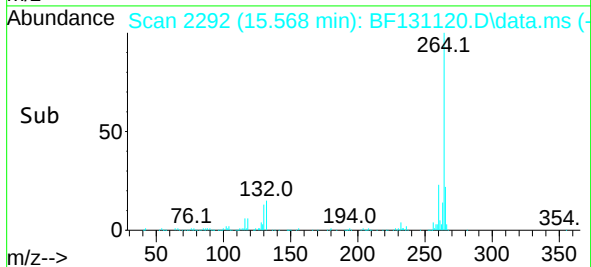
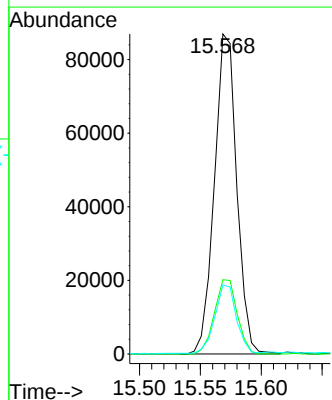
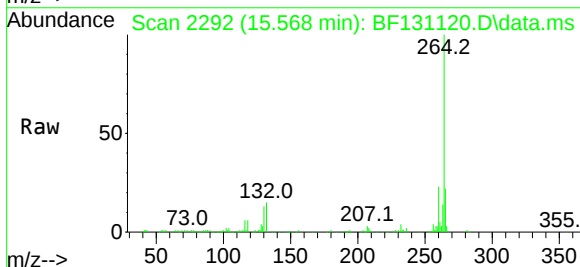


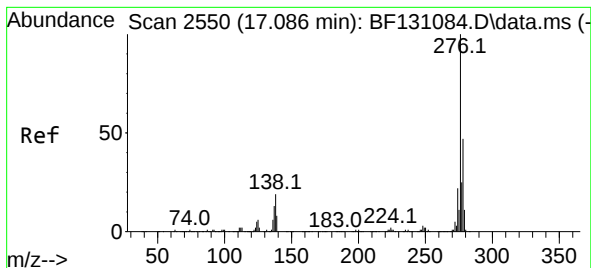
Tgt Ion:244 Resp: 517791
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

Tgt Ion:264 Resp: 111084
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.282 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

Instrument :

BNA_F

ClientSampleId :

SB-15-20221028-12.5-13.5

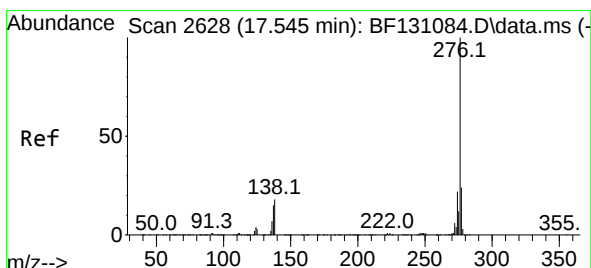
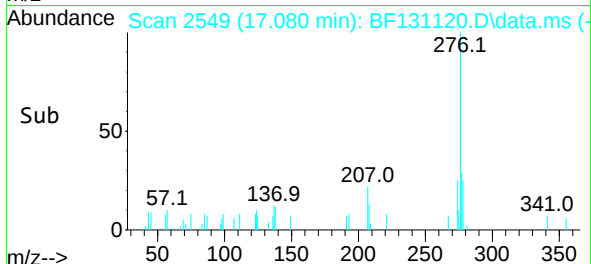
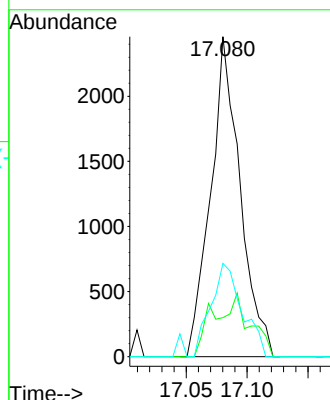
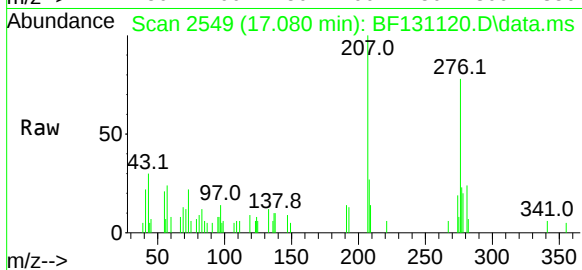
Tgt Ion:276 Resp: 4127

Ion Ratio Lower Upper

276 100

138 24.1 16.9 25.3

277 31.1 20.3 30.5#



#92

Benzo(g,h,i)perylene

Concen: 4.908 ng

RT: 17.539 min Scan# 2627

Delta R.T. -0.006 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

Tgt Ion:276 Resp: 4660

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 14.1 14.6 21.8#

