

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131155.D
 Acq On : 11 Nov 2022 15:08
 Operator : CG\JU
 Sample : N5531-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28A

Quant Time: Nov 11 16:12:00 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)

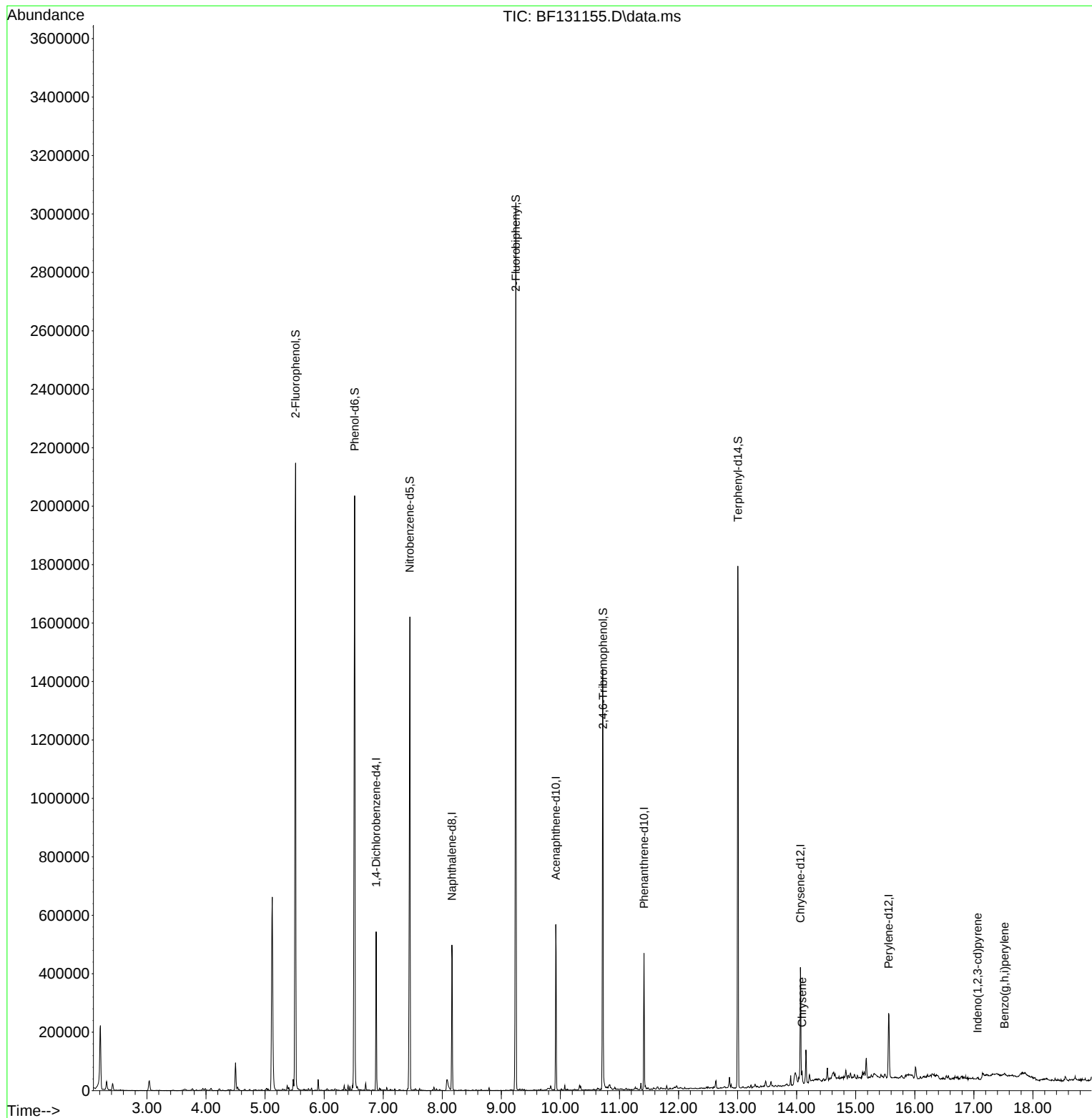
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65891	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	209560	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	108726	20.000	ng	-0.02
64) Phenanthrene-d10	11.416	188	151699	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	123995	20.000	ng	#-0.02
86) Perylene-d12	15.557	264	92366	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	538817	139.066	ng	0.01
7) Phenol-d6	6.516	99	693245	136.857	ng	0.00
23) Nitrobenzene-d5	7.451	82	525024	113.039	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	160258	142.622	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	868391	111.496	ng	-0.01
79) Terphenyl-d14	13.004	244	619674	87.624	ng	-0.01
Target Compounds						
83) Chrysene	14.092	228	18895	2.257	ng	Qvalue 100
87) Indeno(1,2,3-cd)pyrene	17.062	276	2950	4.224	ng	# 84
92) Benzo(g,h,i)perylene	17.521	276	4118	4.942	ng	# 83

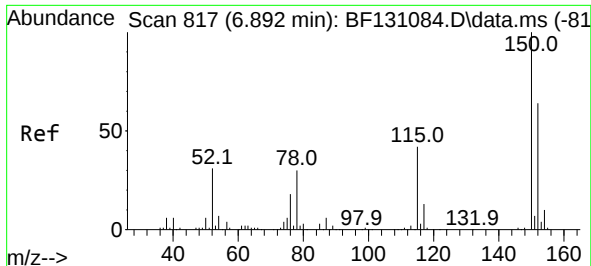
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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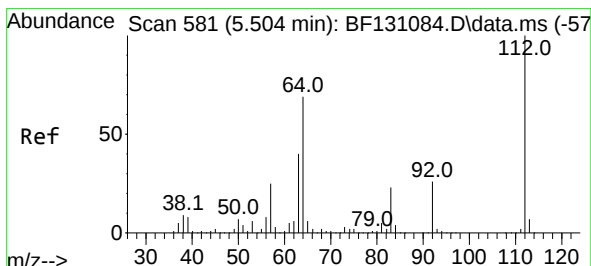
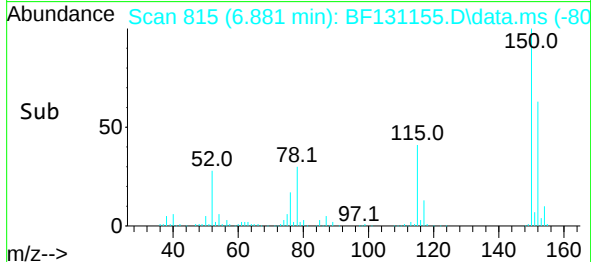
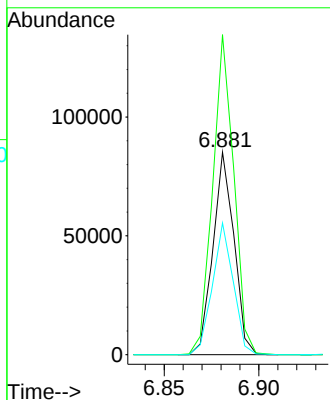
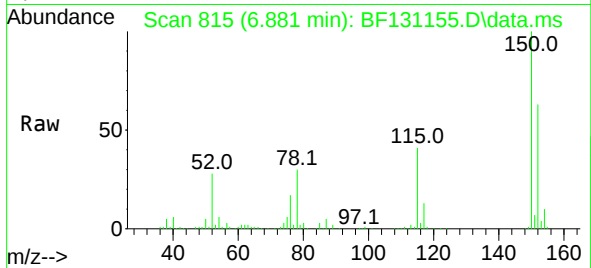




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BF131155.D
 Acq: 11 Nov 2022 15:08

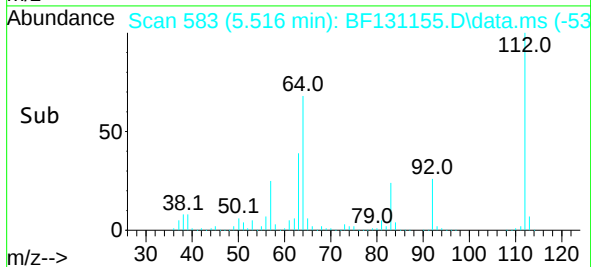
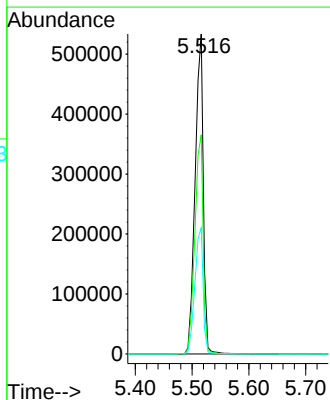
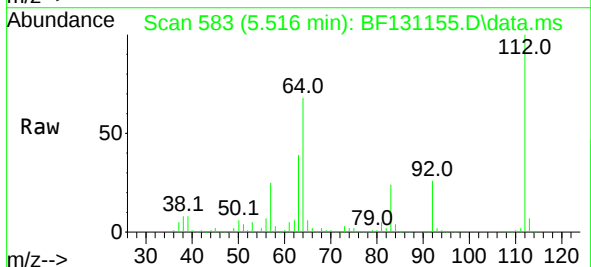
Instrument :
 BNA_F
 ClientSampleId :
 SB-28A

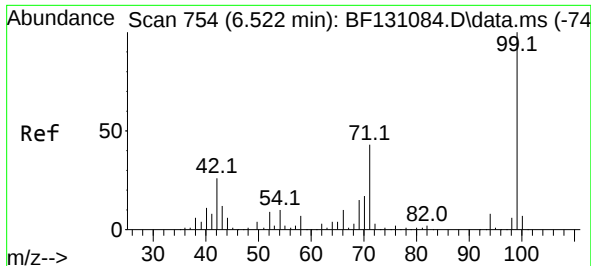
Tgt Ion:152 Resp: 65891
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.5 188.3
 115 65.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 139.066 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.012 min
 Lab File: BF131155.D
 Acq: 11 Nov 2022 15:08

Tgt Ion:112 Resp: 538817
 Ion Ratio Lower Upper
 112 100
 64 68.5 55.1 82.7
 63 39.4 32.4 48.6

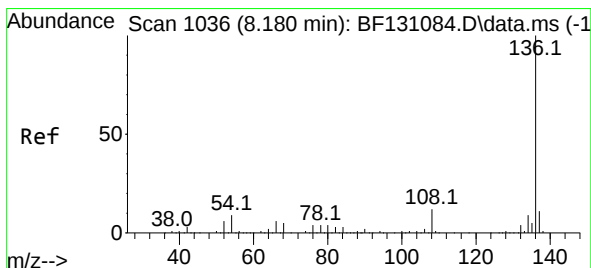
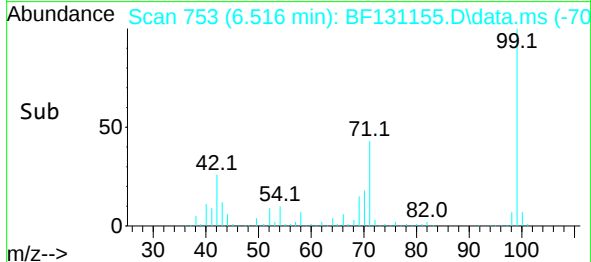
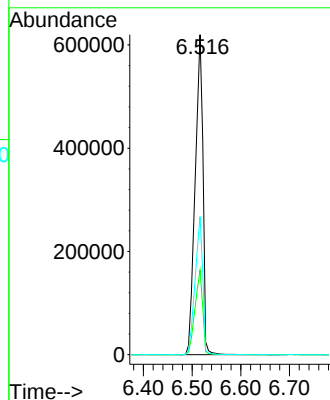
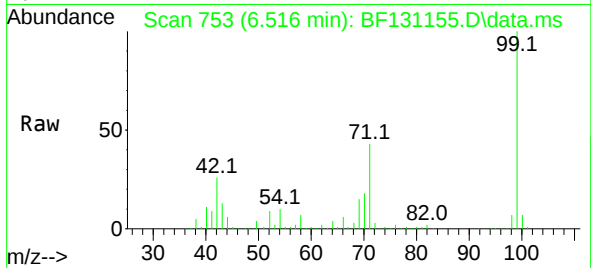




#7
Phenol-d6
Concen: 136.857 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

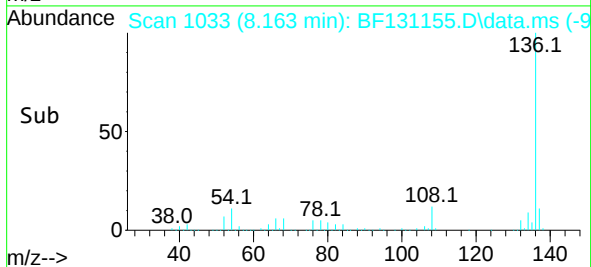
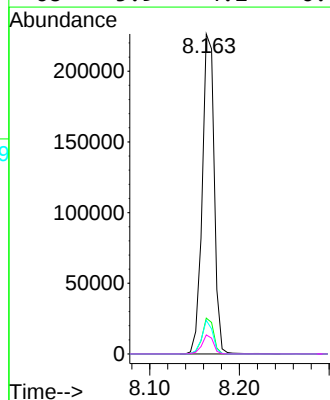
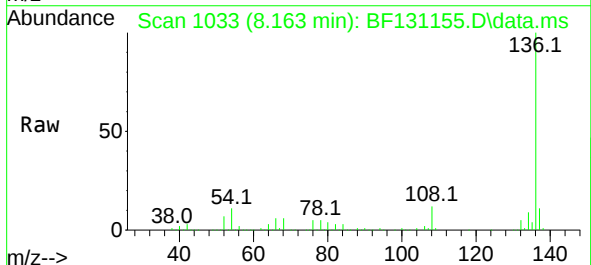
Instrument :
BNA_F
ClientSampleId :
SB-28A

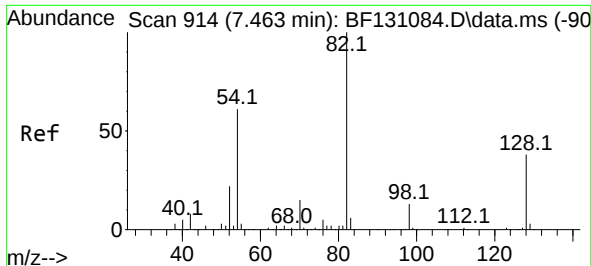
Tgt Ion: 99 Resp: 693245
Ion Ratio Lower Upper
99 100
42 26.4 20.8 31.2
71 43.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.017 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion: 136 Resp: 209560
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.5 7.2 10.8
68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 113.039 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

SB-28A

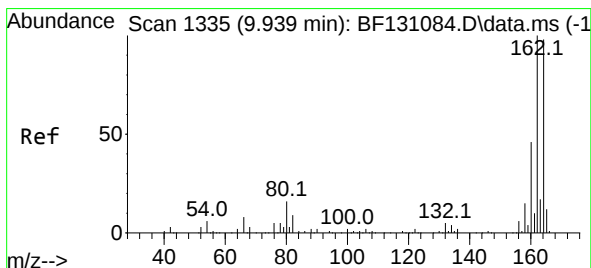
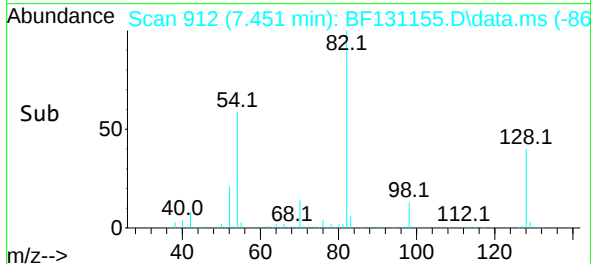
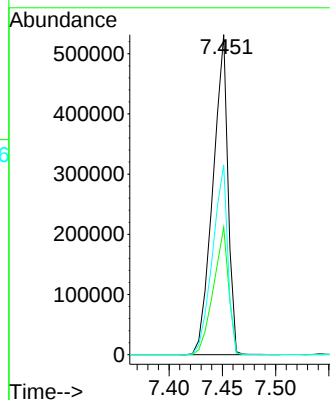
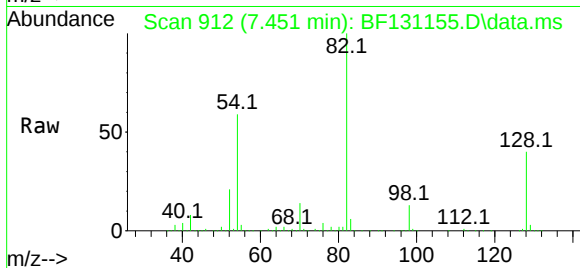
Tgt Ion: 82 Resp: 525024

Ion Ratio Lower Upper

82 100

128 39.8 30.5 45.7

54 59.3 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.017 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

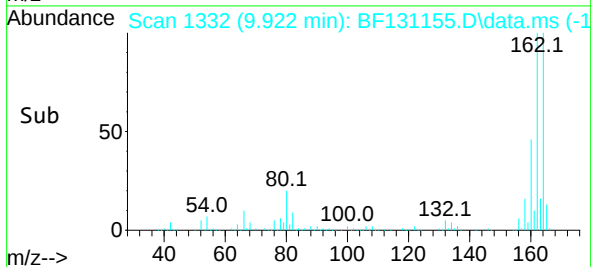
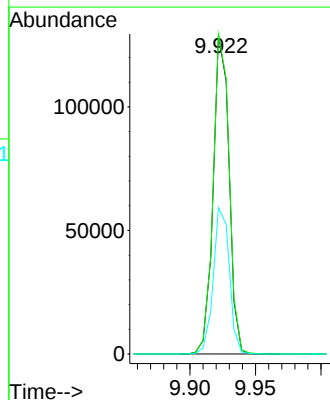
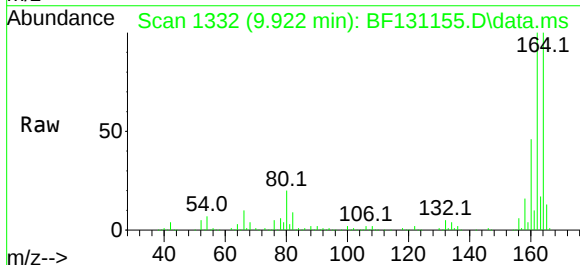
Tgt Ion:164 Resp: 108726

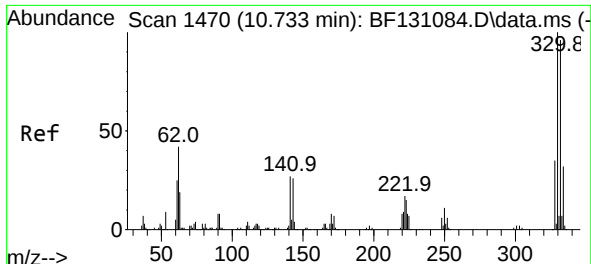
Ion Ratio Lower Upper

164 100

162 100.3 81.7 122.5

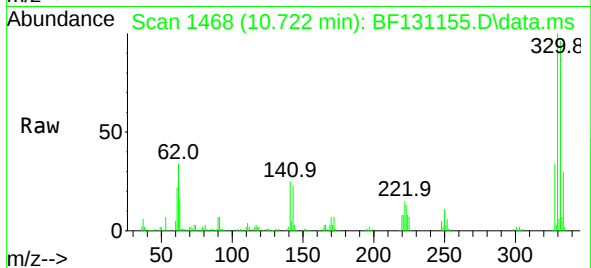
160 45.8 37.4 56.2



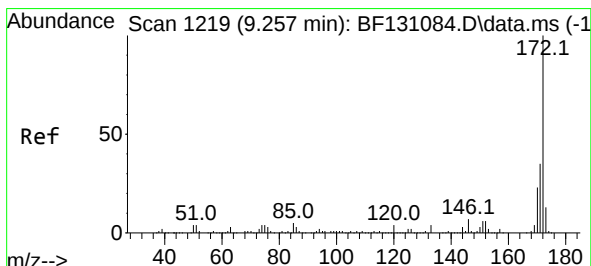
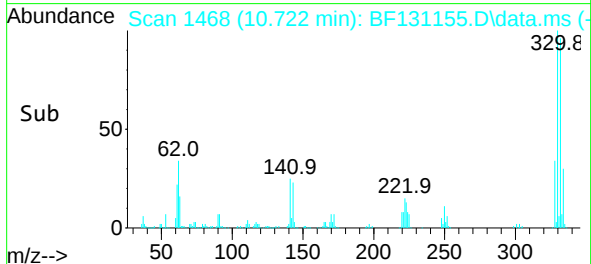
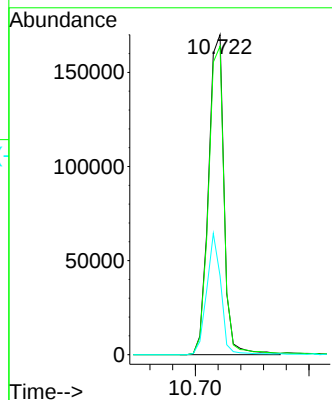


#42
2,4,6-Tribromophenol
Concen: 142.622 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Instrument :
BNA_F
ClientSampleId :
SB-28A

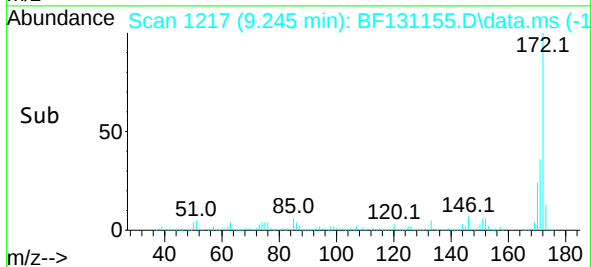
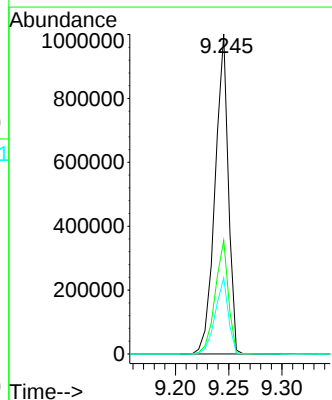
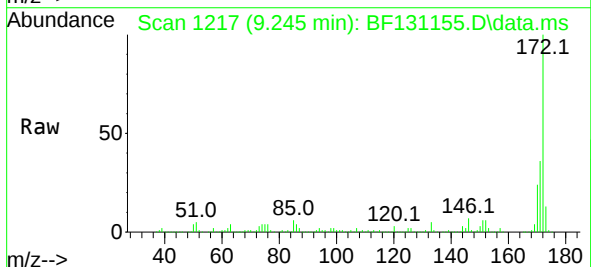


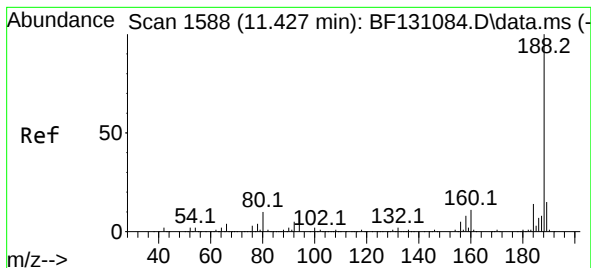
Tgt Ion:330 Resp: 160258
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 35.4 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 111.496 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:172 Resp: 868391
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

SB-28A

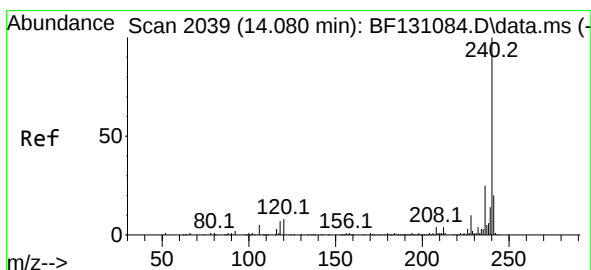
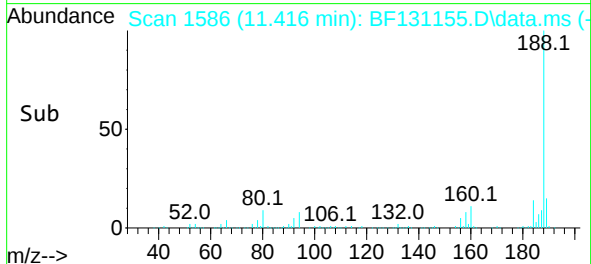
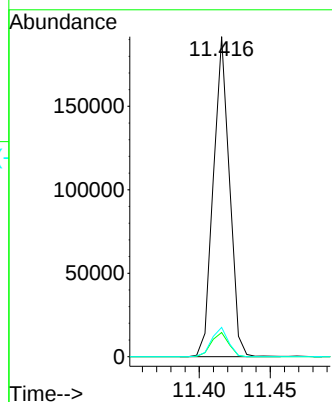
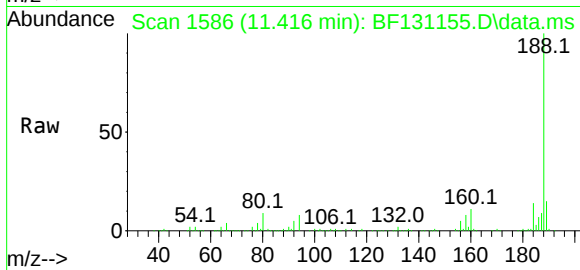
Tgt Ion:188 Resp: 151699

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 9.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.017 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

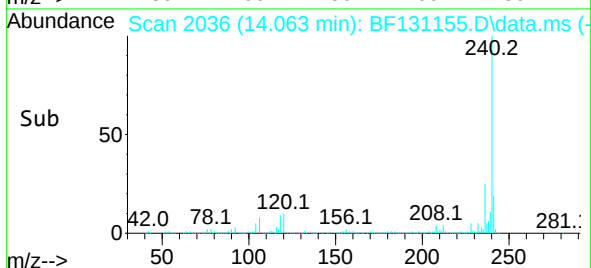
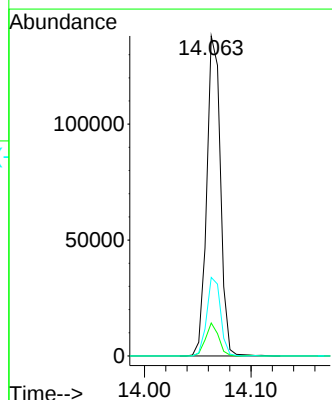
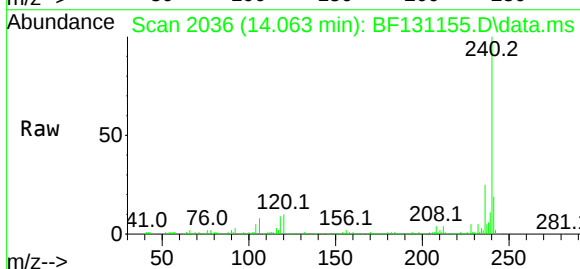
Tgt Ion:240 Resp: 123995

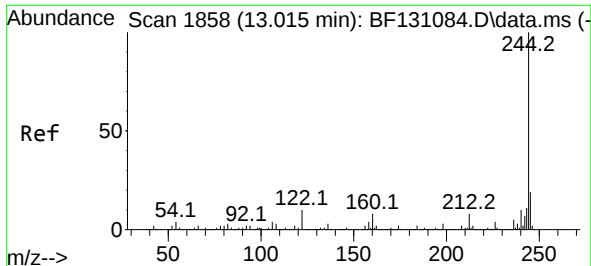
Ion Ratio Lower Upper

240 100

120 10.3 6.5 9.7#

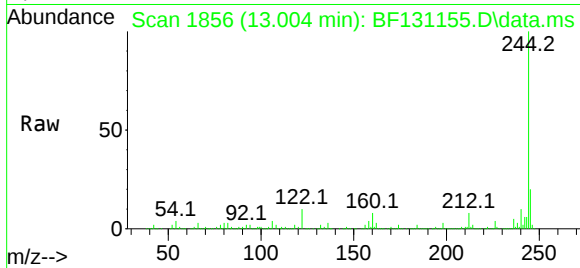
236 24.5 19.7 29.5



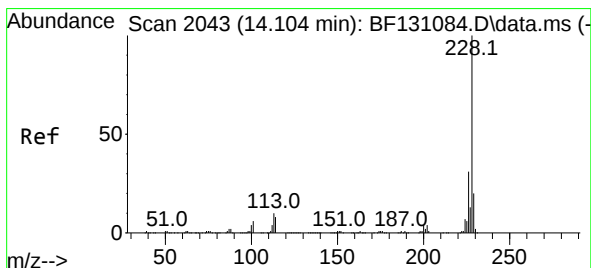
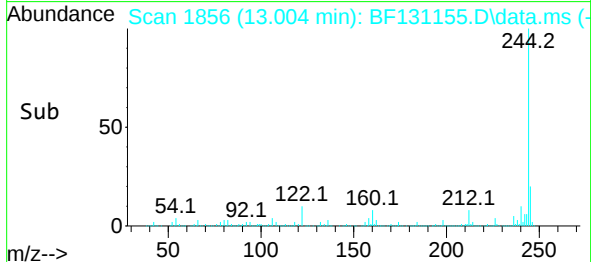
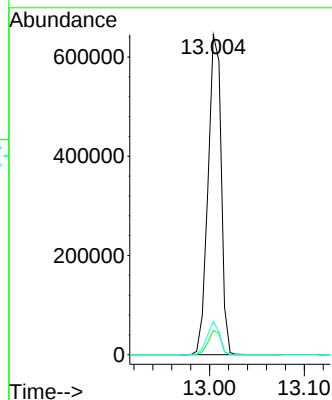


#79
 Terphenyl-d14
 Concen: 87.624 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.011 min
 Lab File: BF131155.D
 Acq: 11 Nov 2022 15:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-28A

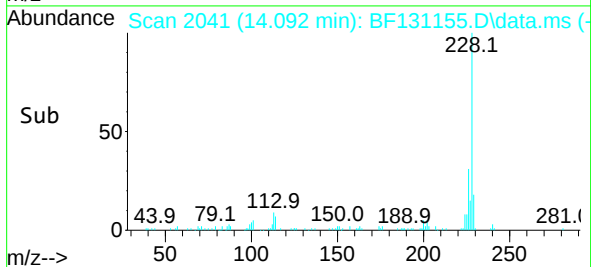
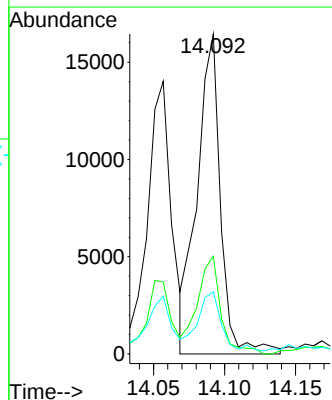
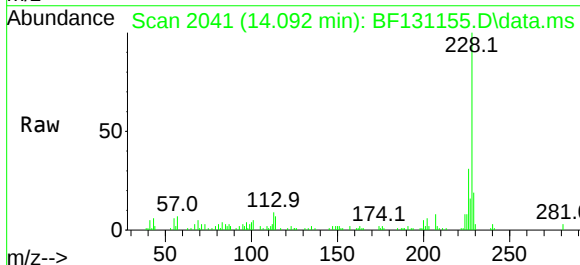


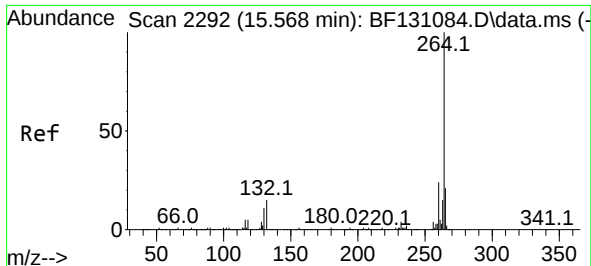
Tgt Ion:244 Resp: 619674
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.3 7.8 11.8



#83
 Chrysene
 Concen: 2.257 ng
 RT: 14.092 min Scan# 2041
 Delta R.T. -0.012 min
 Lab File: BF131155.D
 Acq: 11 Nov 2022 15:08

Tgt Ion:228 Resp: 18895
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.4 15.8 23.6

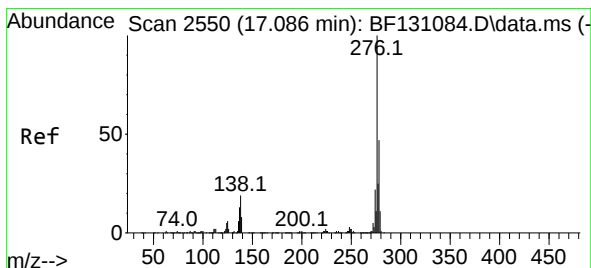
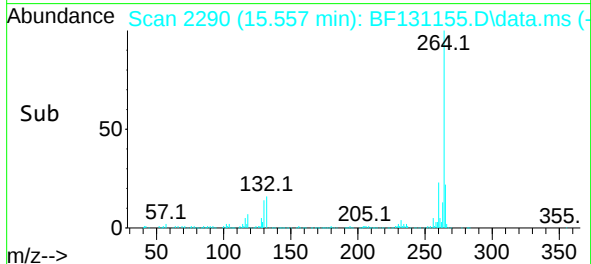
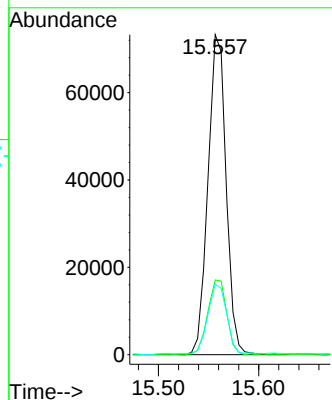
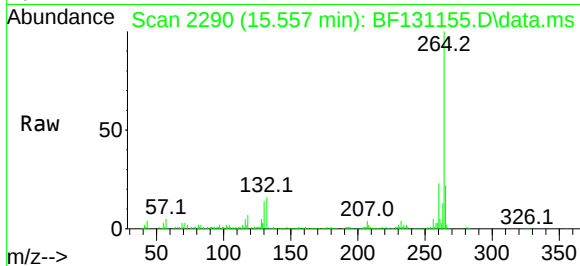




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

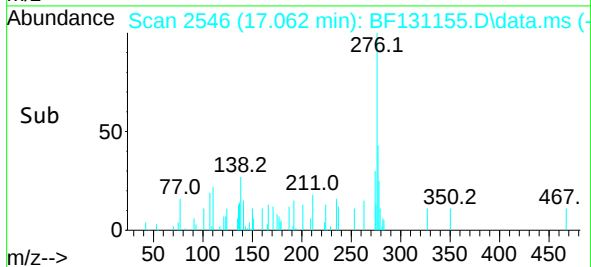
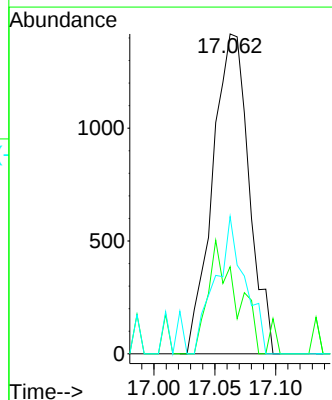
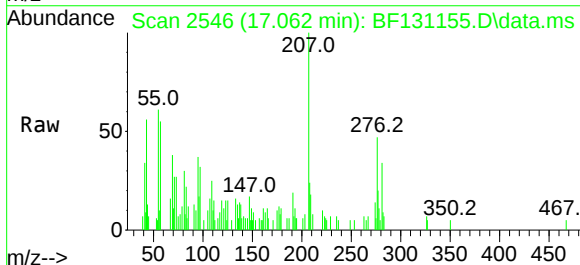
Instrument :
BNA_F
ClientSampleId :
SB-28A

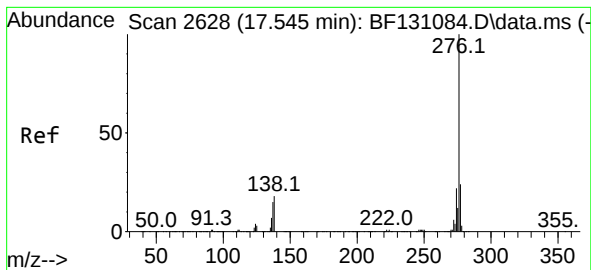
Tgt Ion:264 Resp: 92366
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.1 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.224 ng
RT: 17.062 min Scan# 2546
Delta R.T. -0.024 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:276 Resp: 2950
Ion Ratio Lower Upper
276 100
138 27.4 16.9 25.3#
277 34.8 20.3 30.5#





#92

Benzo(g,h,i)perylene

Concen: 4.942 ng

RT: 17.521 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF131155.D

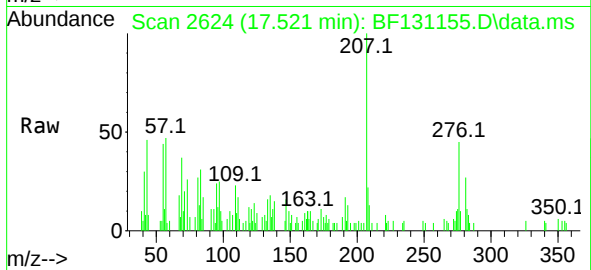
Acq: 11 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

SB-28A



Tgt Ion:276 Resp: 4118

Ion Ratio Lower Upper

276 100

277 22.1 19.0 28.4

138 33.9 14.6 21.8#

