

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128830.D
 Acq On : 15 Jun 2022 17:22
 Operator : CG\JU
 Sample : N3348-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-061422

Quant Time: Jun 16 03:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

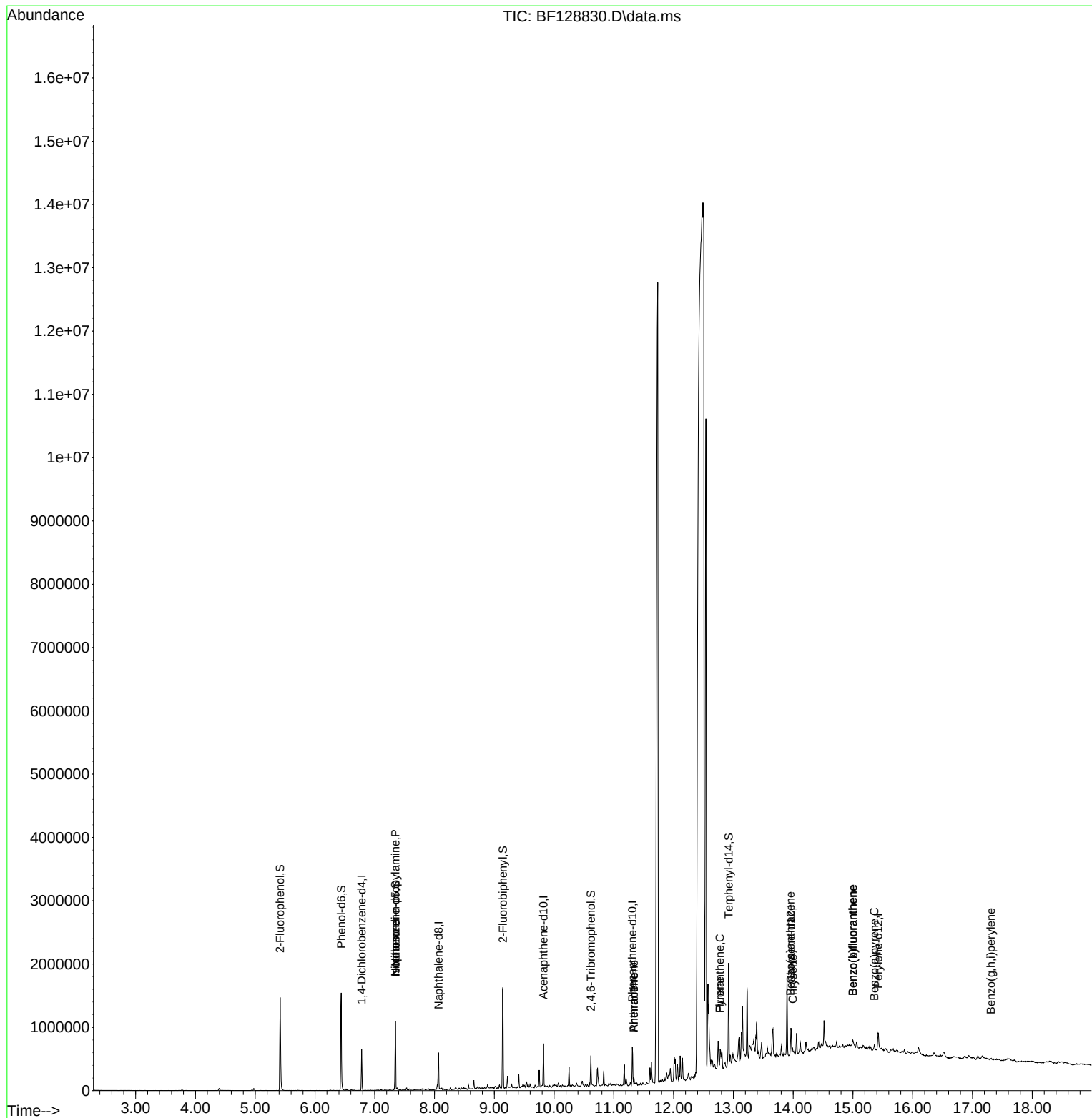
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	78580	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	242943	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	120613	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	212178	20.000	ng	0.00
76) Chrysene-d12	13.963	240	147154	20.000	ng	0.00
86) Perylene-d12	15.421	264	110698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	355816	72.125	ng	0.00
7) Phenol-d6	6.440	99	447065	74.239	ng	0.00
23) Nitrobenzene-d5	7.345	82	300319	57.554	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	54078	37.947	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	478930	55.623	ng	0.00
79) Terphenyl-d14	12.921	244	478698	56.526	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	41724	11.144	ng	# 74
25) Isophorone	7.345	82	298585	37.676	ng	# 65
71) Phenanthrene	11.333	178	43587	4.096	ng	98
72) Anthracene	11.333	178	43587	4.138	ng	97
75) Fluoranthene	12.774	202	65175	5.859	ng	93
78) Pyrene	12.774	202	65175	5.953	ng	# 94
81) Benzo(a)anthracene	13.957	228	35040	3.820	ng	# 84
83) Chrysene	13.992	228	43632	4.989	ng	# 90
88) Benzo(b)fluoranthene	14.998	252	61833	8.742	ng	# 82
89) Benzo(k)fluoranthene	14.998	252	61833	9.293	ng	# 83
90) Benzo(a)pyrene	15.357	252	29011	5.218	ng	# 77
92) Benzo(g,h,i)perylene	17.309	276	19997	3.646	ng	# 84

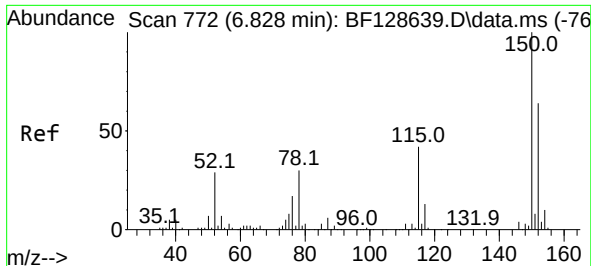
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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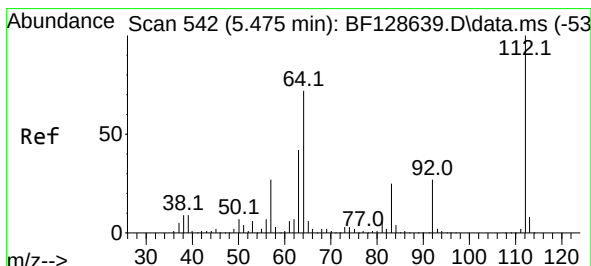
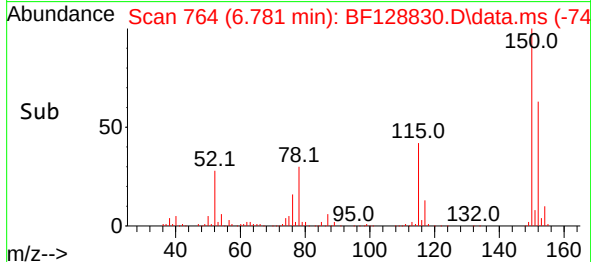
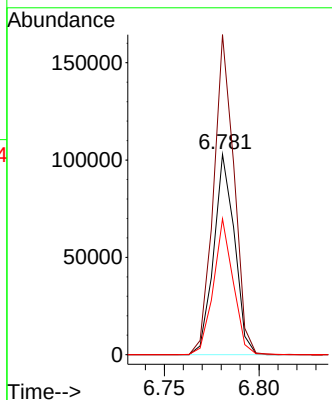
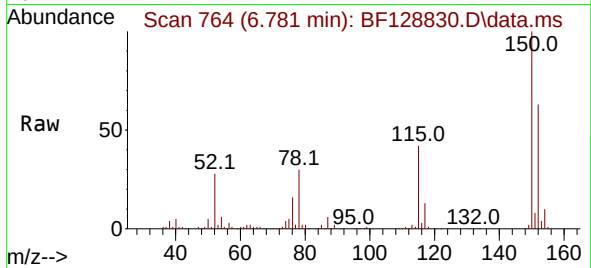




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

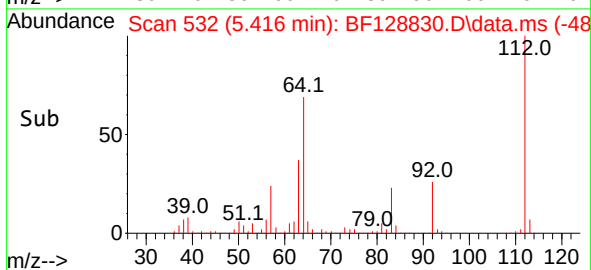
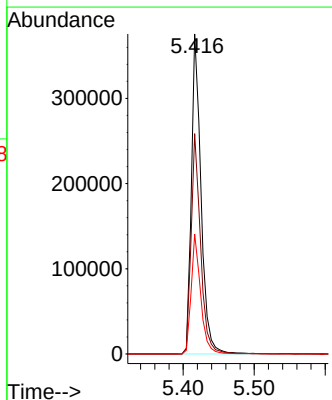
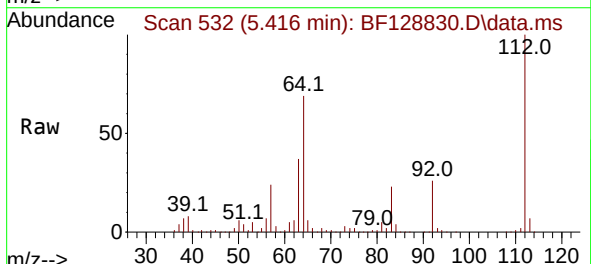
Instrument :
 BNA_F
 ClientSampleId :
 TR-5-061422

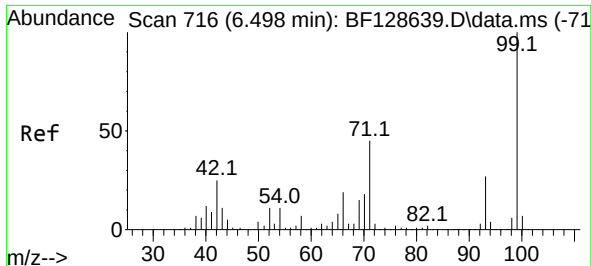
Tgt Ion:152 Resp: 78580
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.7 185.5
 115 67.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 72.125 ng
 RT: 5.416 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

Tgt Ion:112 Resp: 355816
 Ion Ratio Lower Upper
 112 100
 64 68.8 53.3 79.9
 63 37.4 28.0 42.0

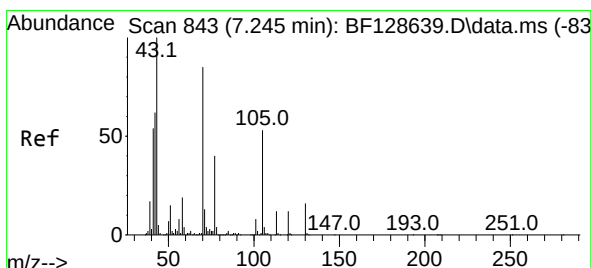
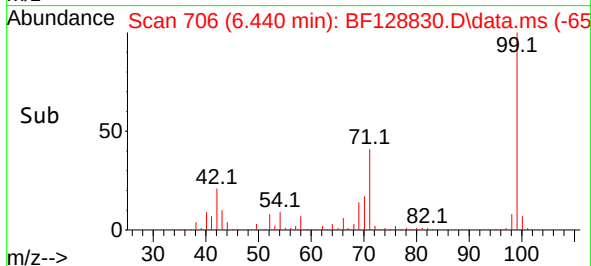
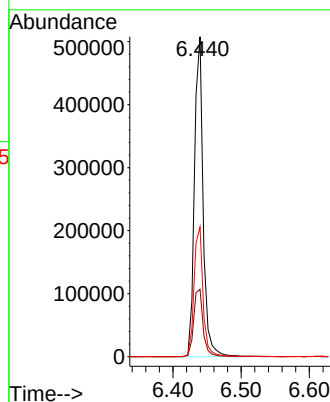
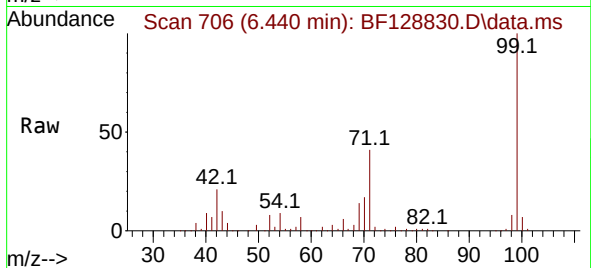




#7
Phenol-d6
Concen: 74.239 ng
RT: 6.440 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

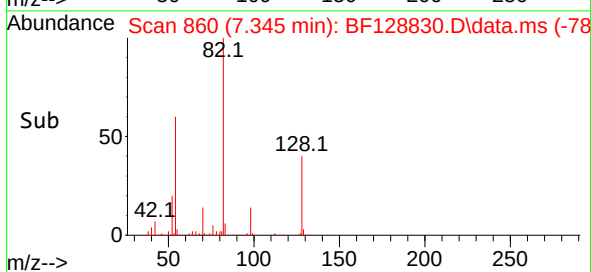
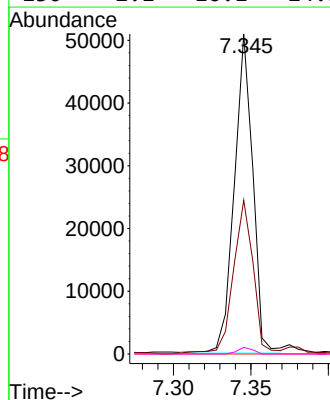
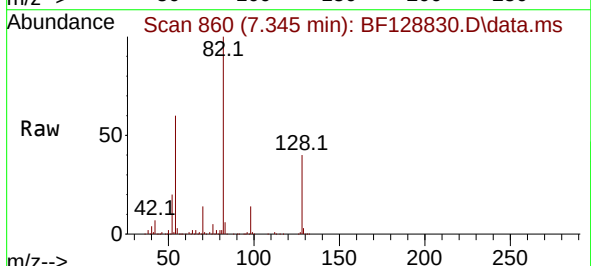
Instrument :
BNA_F
ClientSampleId :
TR-5-061422

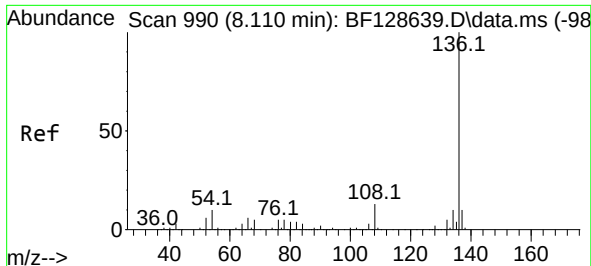
Tgt Ion: 99 Resp: 447065
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 40.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.144 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion: 70 Resp: 41724
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

TR-5-061422

Tgt Ion:136 Resp: 242943

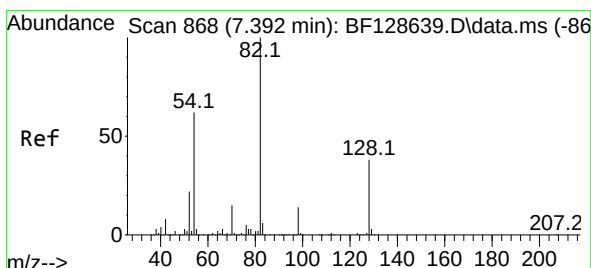
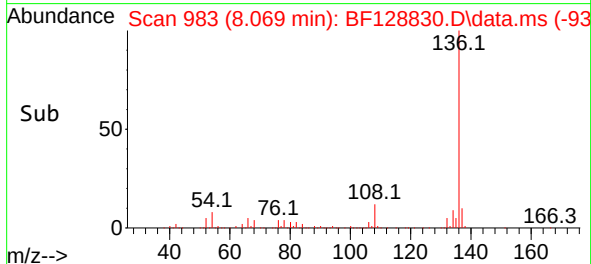
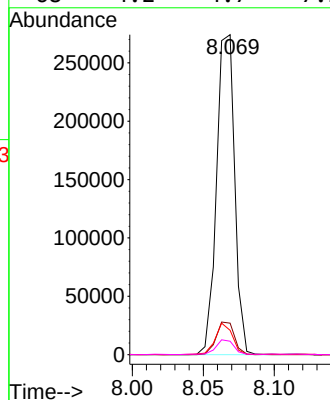
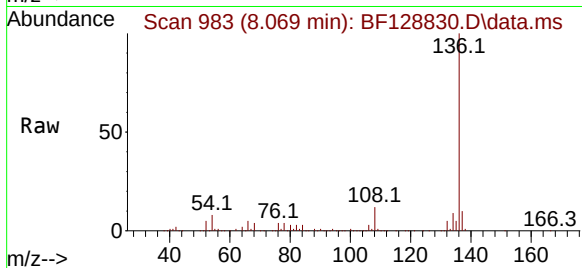
Ion Ratio Lower Upper

136 100

137 9.8 8.8 13.2

54 7.6 7.5 11.3

68 4.2 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 57.554 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

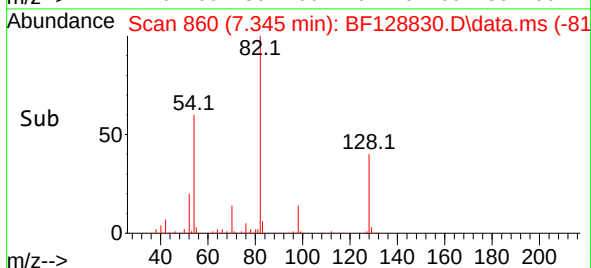
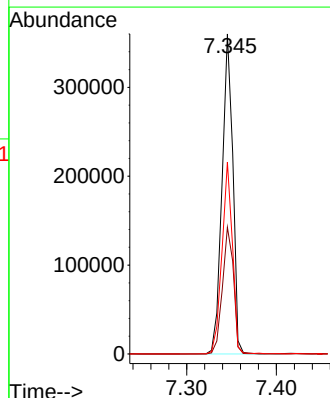
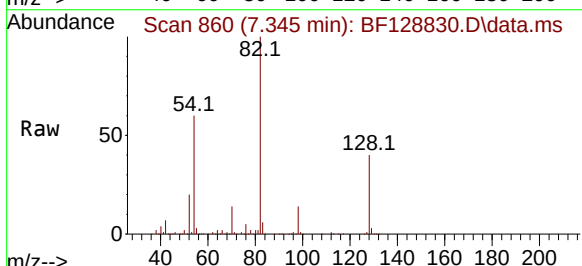
Tgt Ion: 82 Resp: 300319

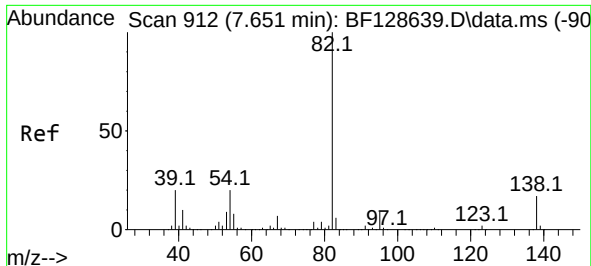
Ion Ratio Lower Upper

82 100

128 39.6 34.0 51.0

54 59.9 46.9 70.3

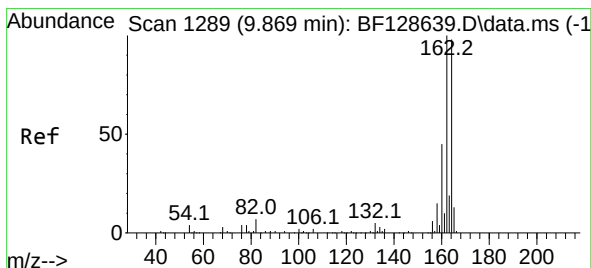
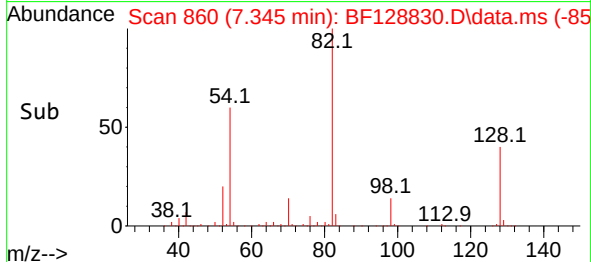
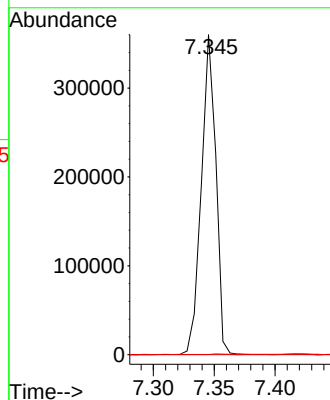
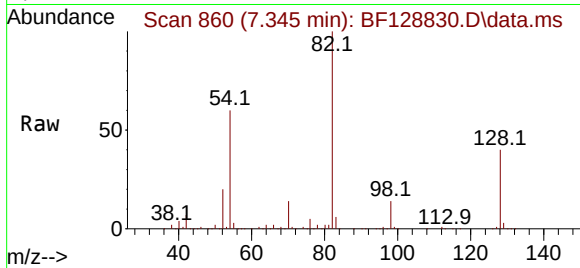




#25
Isophorone
Concen: 37.676 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

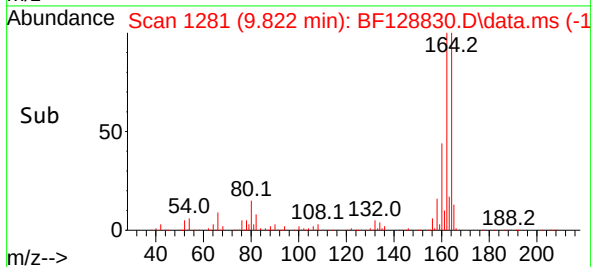
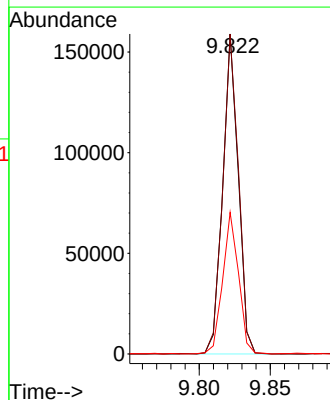
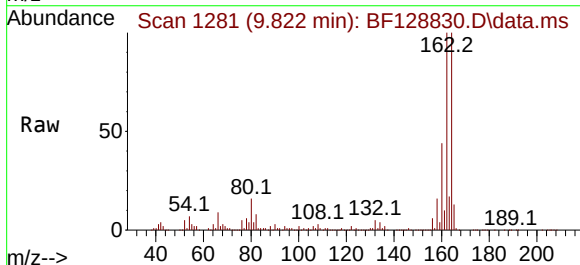
Instrument :
BNA_F
ClientSampleId :
TR-5-061422

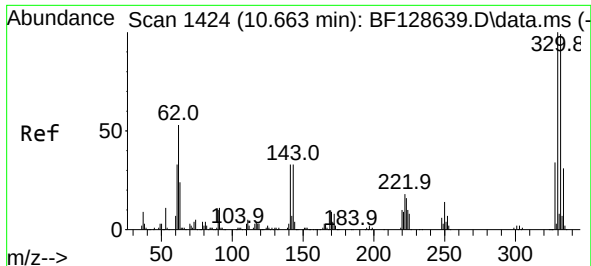
Tgt Ion: 82 Resp: 298585
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:164 Resp: 120613
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 37.947 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128830.D

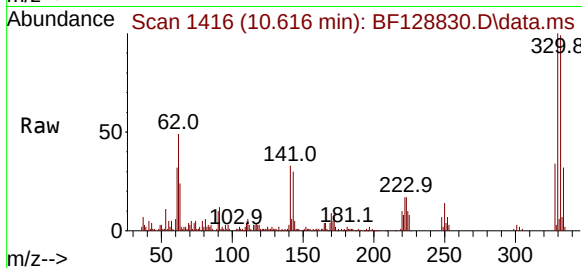
Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

TR-5-061422



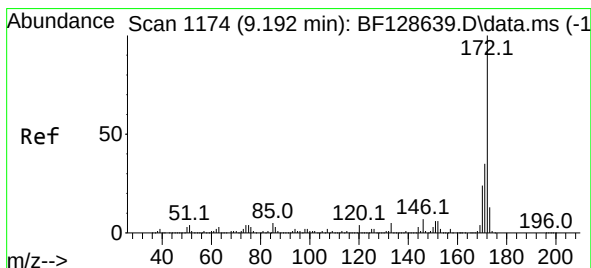
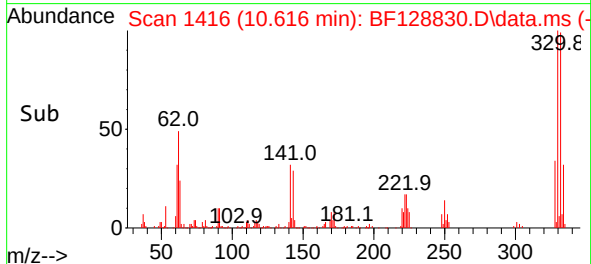
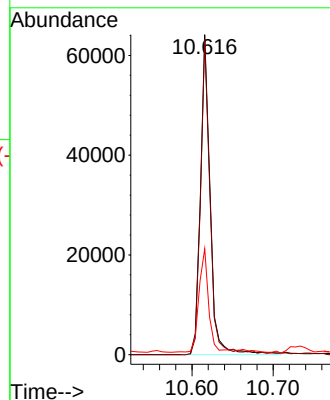
Tgt Ion:330 Resp: 54078

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 32.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.623 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

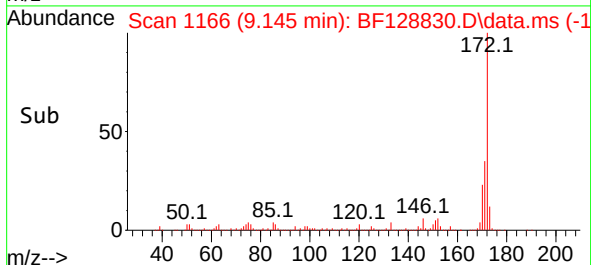
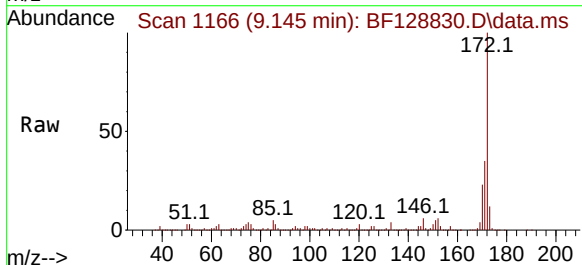
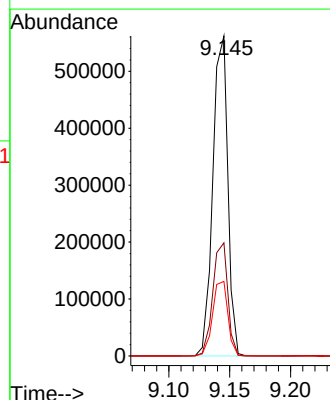
Tgt Ion:172 Resp: 478930

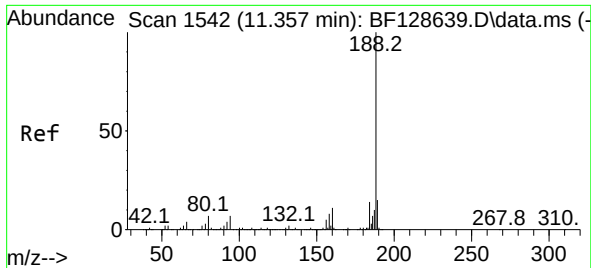
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 19.8 29.8

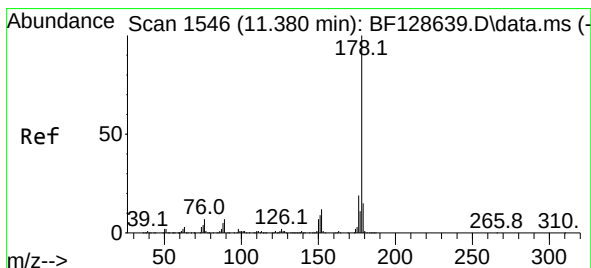
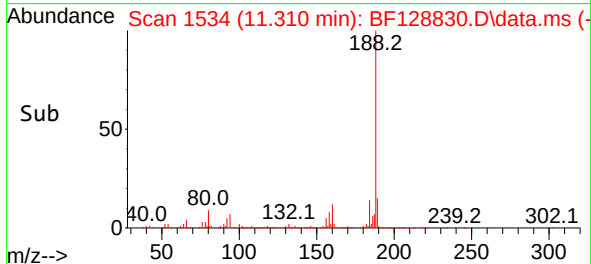
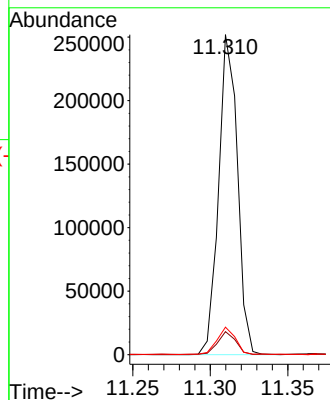
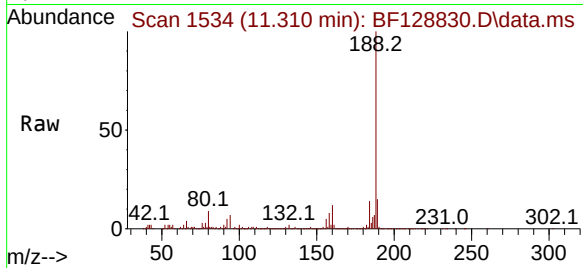




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

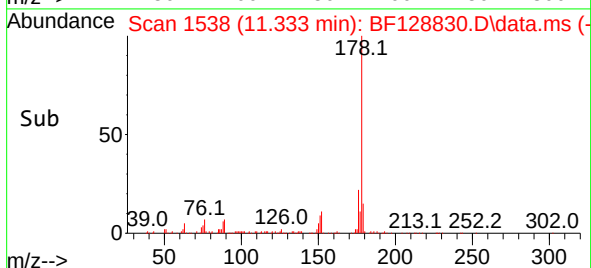
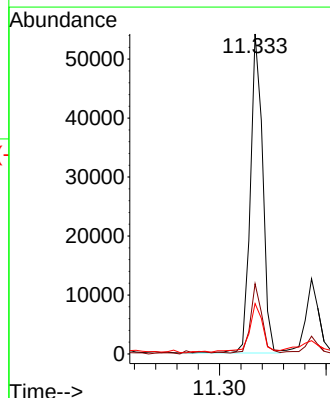
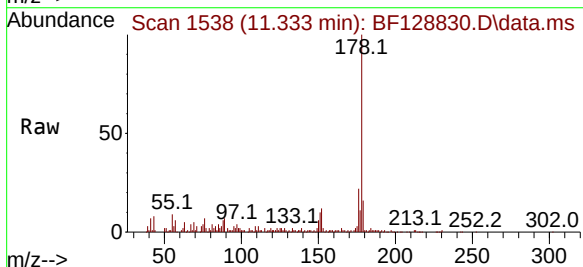
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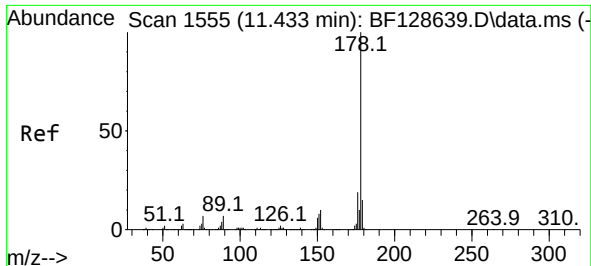
Tgt Ion:188 Resp: 212178
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.6 7.6 11.4



#71
Phenanthrene
Concen: 4.096 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:178 Resp: 43587
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 15.7 12.6 19.0

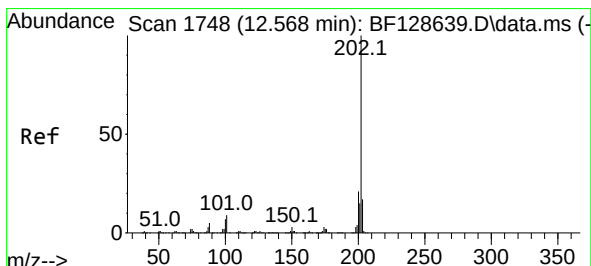
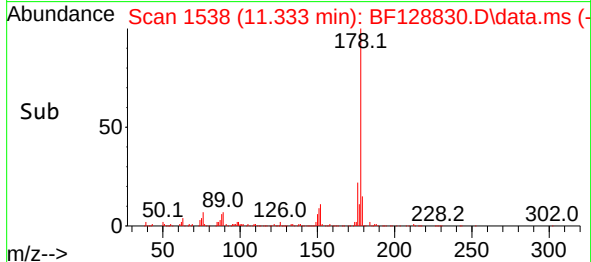
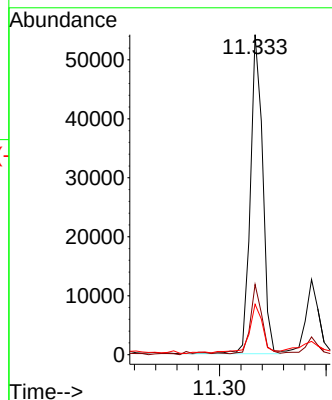
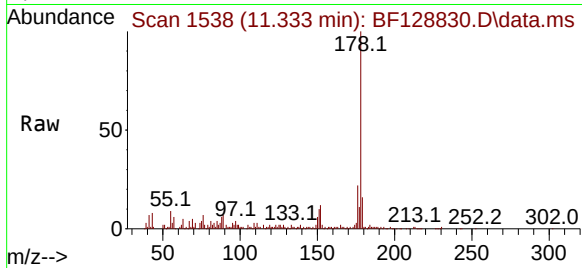




#72
 Anthracene
 Concen: 4.138 ng
 RT: 11.333 min Scan# 11
 Delta R.T. -0.059 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

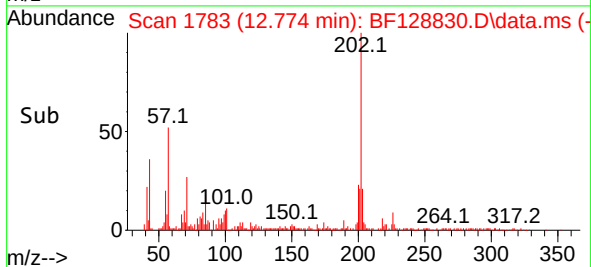
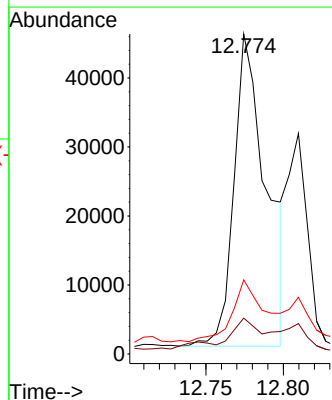
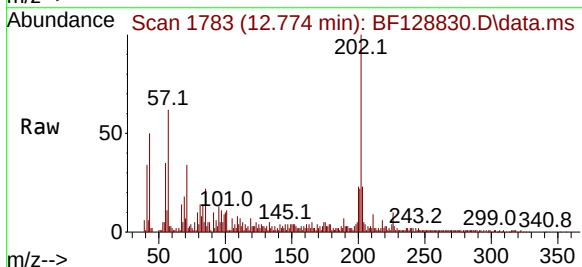
Instrument :
 BNA_F
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 TR-5-061422

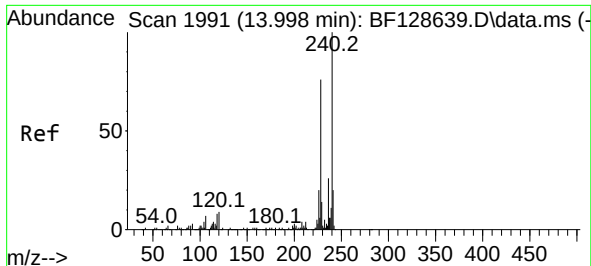
Tgt Ion:178 Resp: 43587
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.4 23.2
 179 15.7 12.6 19.0



#75
 Fluoranthene
 Concen: 5.859 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.247 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

Tgt Ion:202 Resp: 65175
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.4
 203 23.2 0.0 38.0

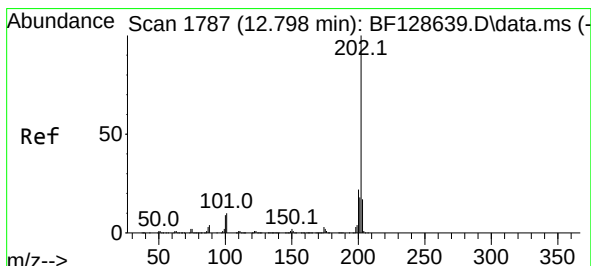
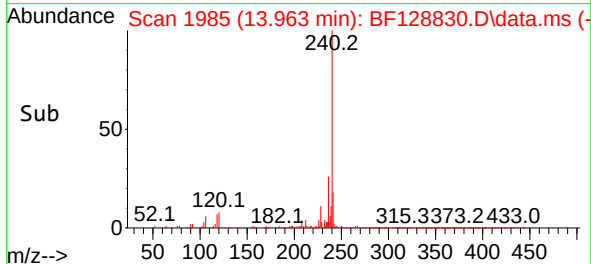
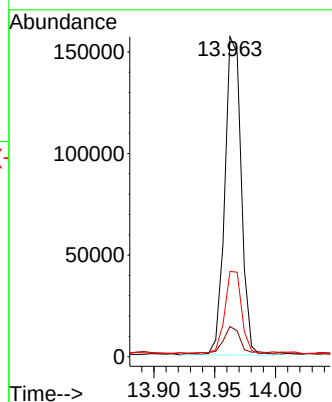
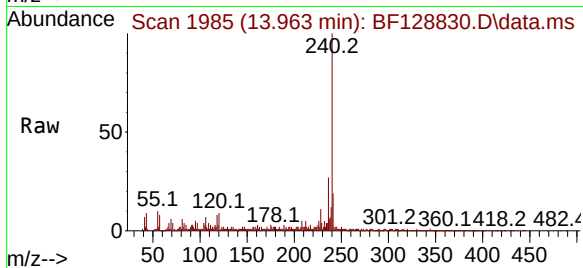




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

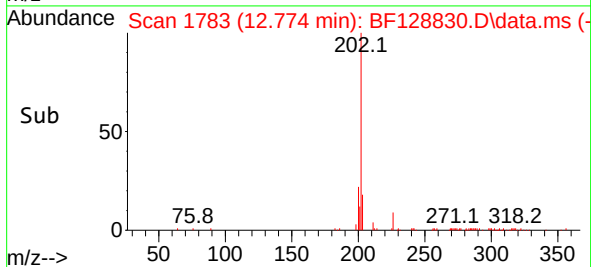
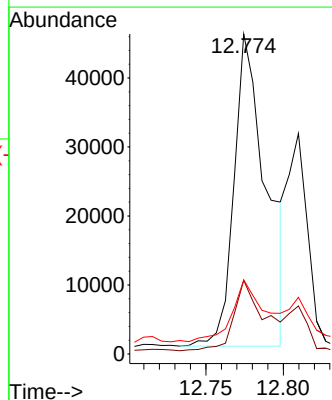
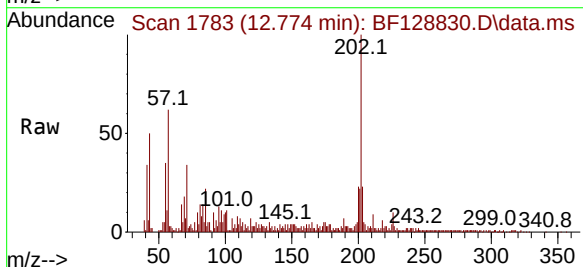
Instrument :
BNA_F
ClientSampleId :
TR-5-061422

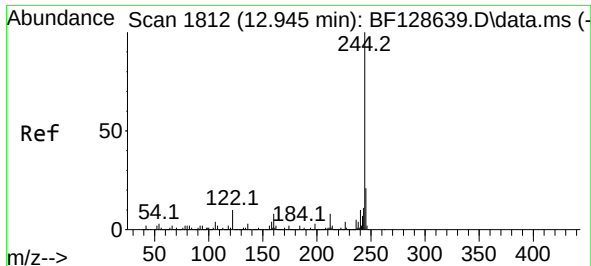
Tgt Ion:240 Resp: 147154
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 26.7 20.8 31.2



#78
Pyrene
Concen: 5.953 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.018 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:202 Resp: 65175
Ion Ratio Lower Upper
202 100
200 23.0 17.7 26.5
203 23.2 14.6 21.8#

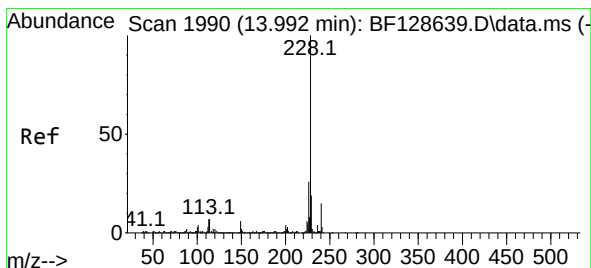
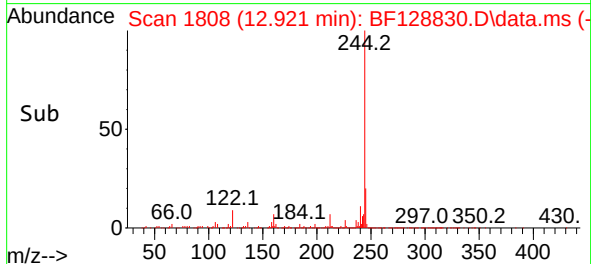
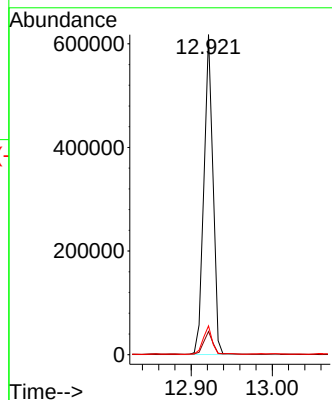
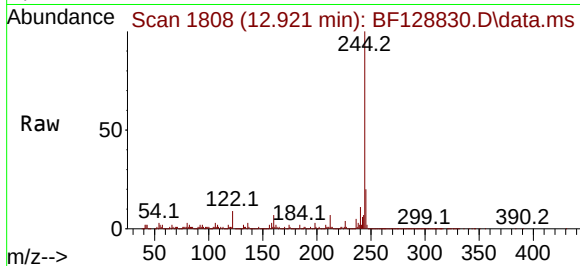




#79
 Terphenyl-d14
 Concen: 56.526 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. 0.018 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

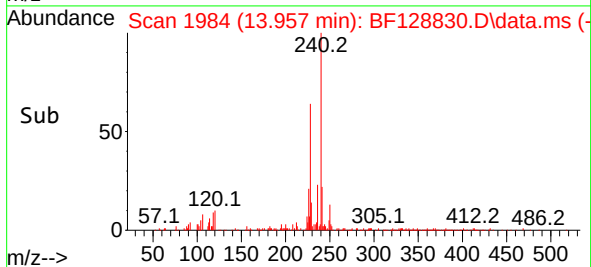
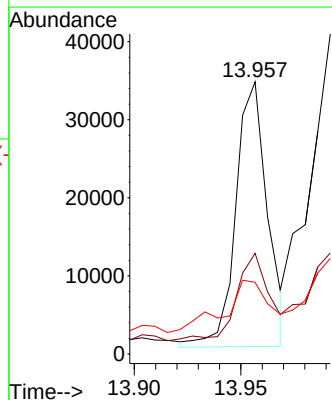
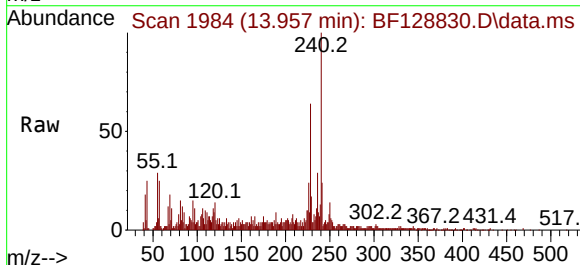
Instrument :
 BNA_F
 ClientSampleId :
 TR-5-061422

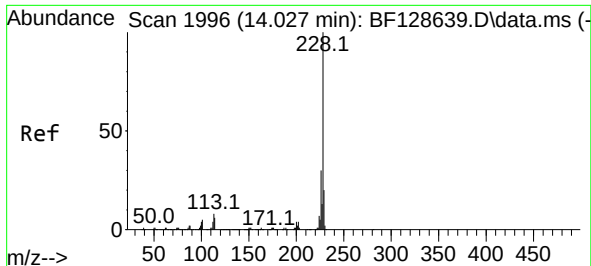
Tgt Ion:244 Resp: 478698
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.0 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.820 ng
 RT: 13.957 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: BF128830.D
 Acq: 15 Jun 2022 17:22

Tgt Ion:228 Resp: 35040
 Ion Ratio Lower Upper
 228 100
 226 37.0 22.1 33.1#
 229 26.3 15.8 23.8#

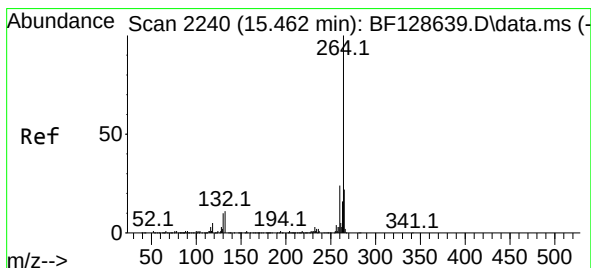
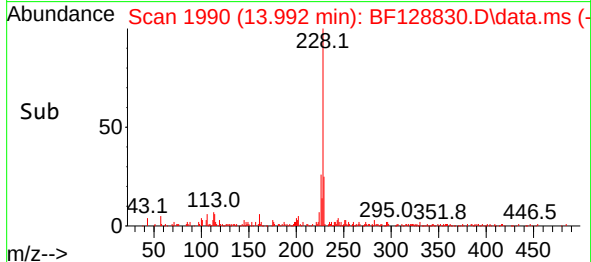
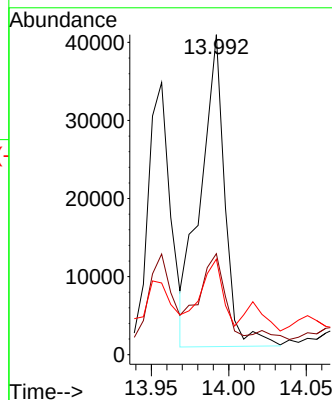
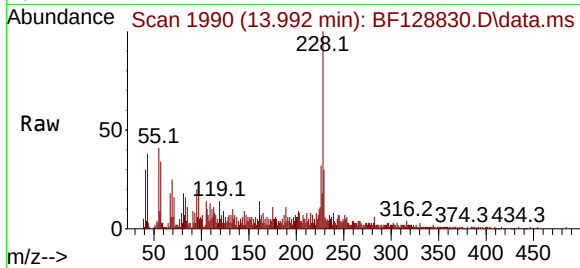




#83
Chrysene
Concen: 4.989 ng
RT: 13.992 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

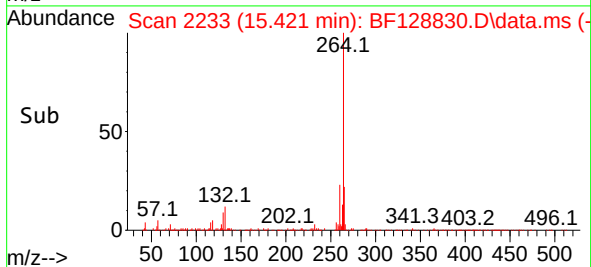
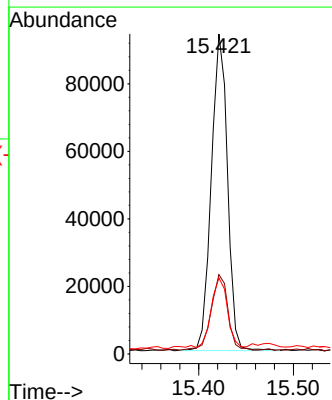
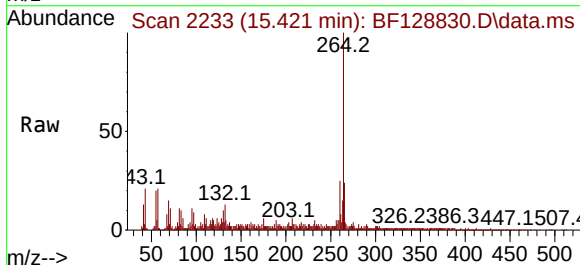
Instrument :
BNA_F
ClientSampleId :
TR-5-061422

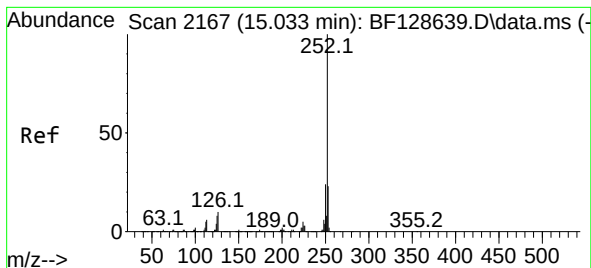
Tgt Ion:228 Resp: 43632
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 29.9 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:264 Resp: 110698
Ion Ratio Lower Upper
264 100
260 24.8 18.4 27.6
265 23.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 8.742 ng

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

TR-5-061422

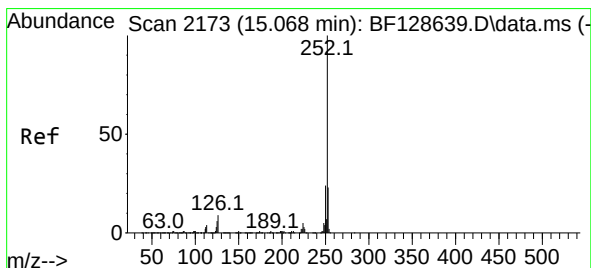
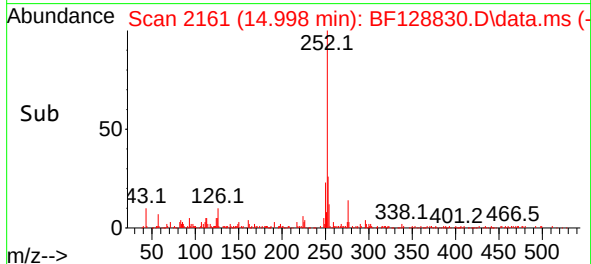
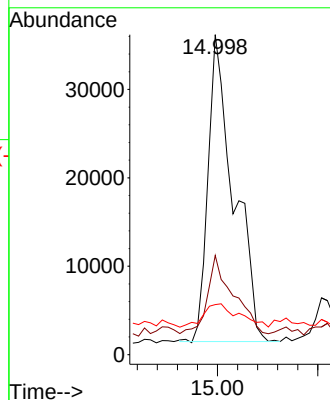
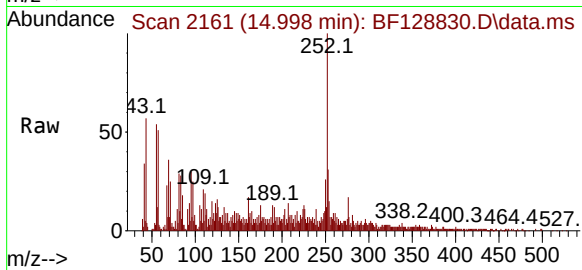
Tgt Ion:252 Resp: 61833

Ion Ratio Lower Upper

252 100

253 31.0 17.7 26.5#

125 15.7 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 9.293 ng

RT: 14.998 min Scan# 2161

Delta R.T. -0.029 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

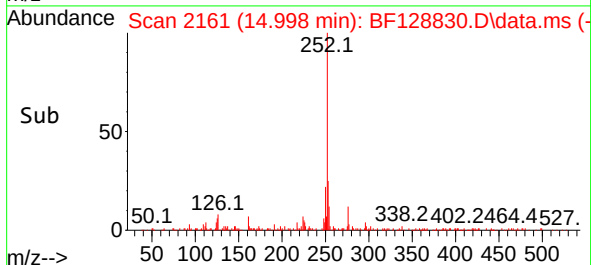
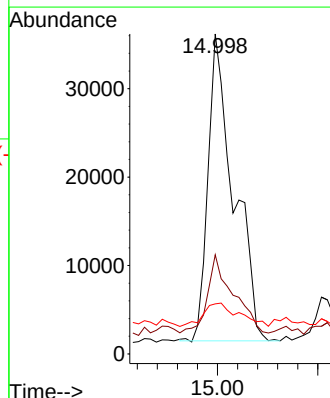
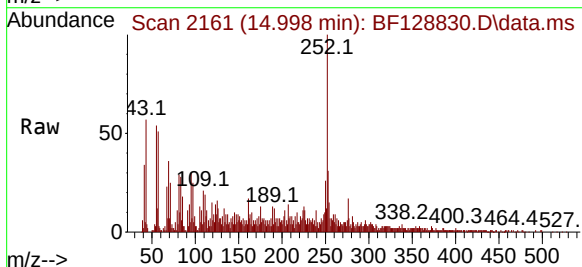
Tgt Ion:252 Resp: 61833

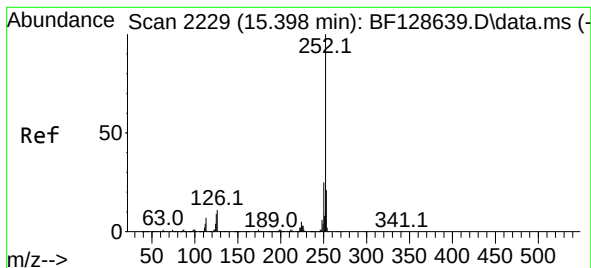
Ion Ratio Lower Upper

252 100

253 31.0 17.8 26.6#

125 15.7 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.218 ng

RT: 15.357 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNF

ClientSampleId :

TR-5-061422

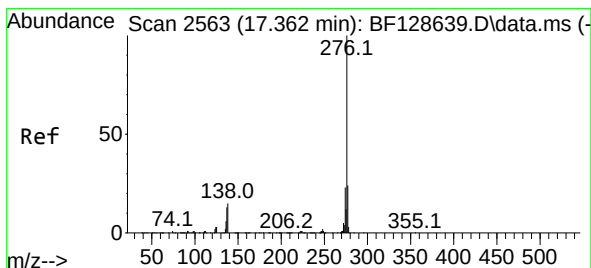
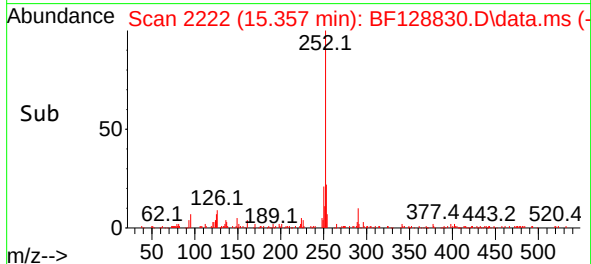
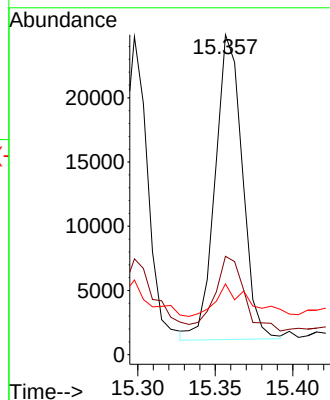
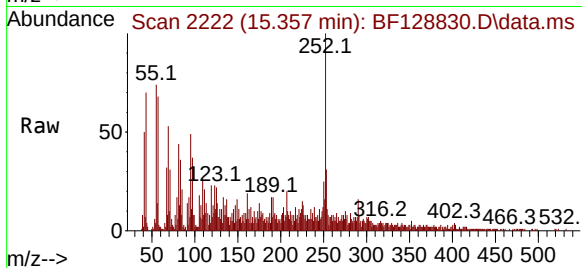
Tgt Ion:252 Resp: 29011

Ion Ratio Lower Upper

252 100

253 30.7 17.0 25.6#

125 22.1 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 3.646 ng

RT: 17.309 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Tgt Ion:276 Resp: 19997

Ion Ratio Lower Upper

276 100

277 38.2 19.1 28.7#

138 21.7 18.0 27.0

