

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128824.D
 Acq On : 15 Jun 2022 14:05
 Operator : CG\JU
 Sample : N3319-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-061022

Quant Time: Jun 15 14:34:18 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)

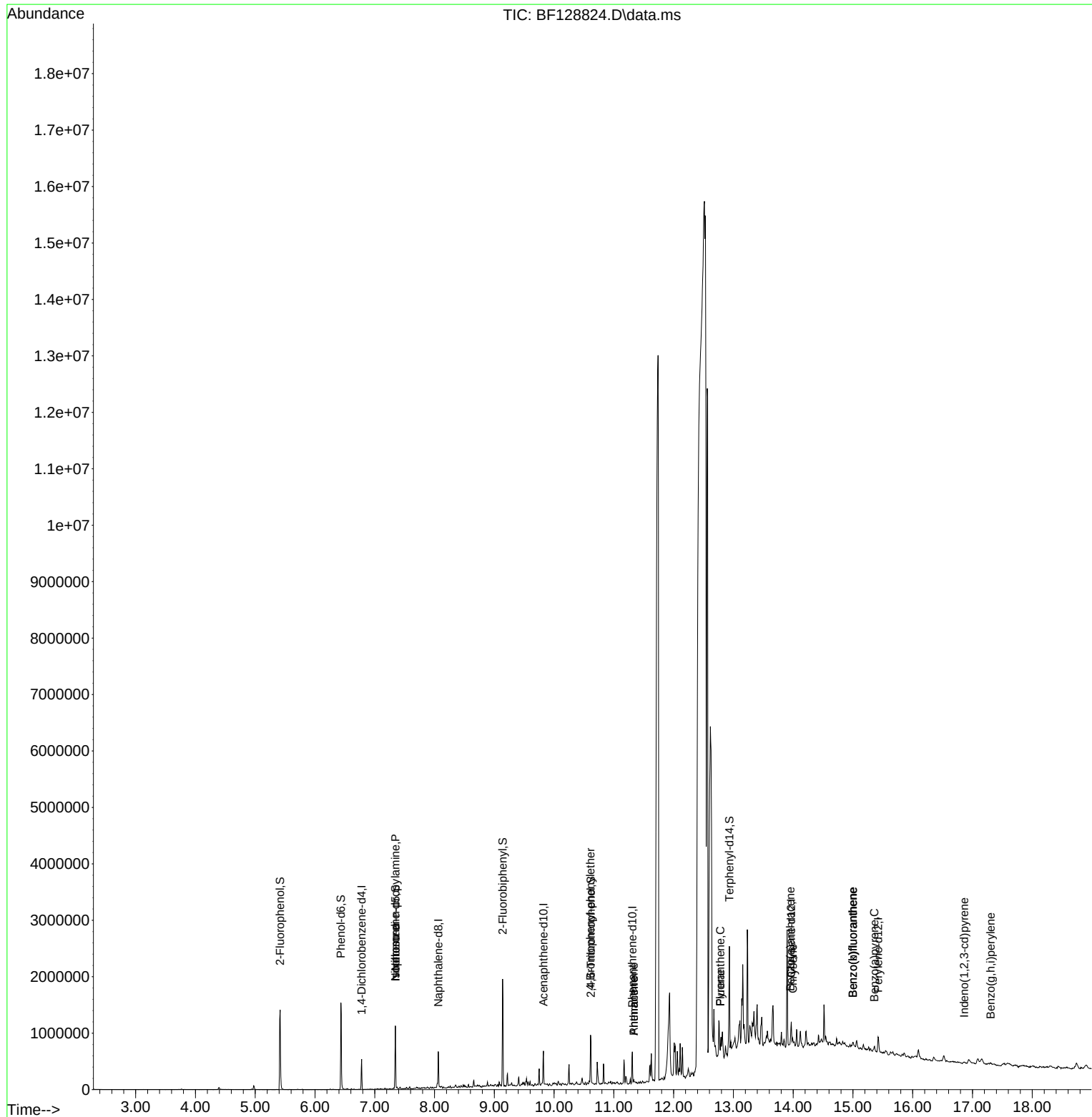
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67750	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	233473	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	115561	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	200335	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	143170	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	107523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	367569	86.417	ng	0.00
7) Phenol-d6	6.434	99	454591	87.555	ng	0.00
23) Nitrobenzene-d5	7.345	82	302206	60.265	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	105102	76.975	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	546881	66.292	ng	0.00
79) Terphenyl-d14	12.933	244	581972	70.633	ng	0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	44389	13.750	ng	# 75
25) Isophorone	7.345	82	301842	39.632	ng	# 65
67) 4-Bromophenyl-phenylether	10.610	248	6639	2.972	ng	# 1
71) Phenanthrene	11.333	178	25422	2.530	ng	95
72) Anthracene	11.333	178	25422	2.556	ng	96
75) Fluoranthene	12.780	202	27307	2.600	ng	75
78) Pyrene	12.780	202	27307	2.564	ng	# 85
81) Benzo(a)anthracene	13.957	228	40946	4.588	ng	# 83
83) Chrysene	13.992	228	43266	5.085	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.862	276	17377	2.681	ng	# 87
88) Benzo(b)fluoranthene	14.998	252	55157	8.028	ng	# 73
89) Benzo(k)fluoranthene	14.998	252	55157	8.534	ng	# 74
90) Benzo(a)pyrene	15.357	252	29515	5.466	ng	# 75
92) Benzo(g,h,i)perylene	17.304	276	19117	3.588	ng	# 91

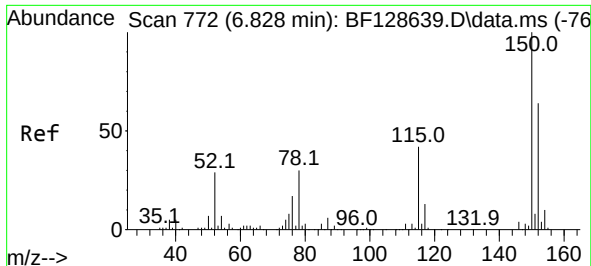
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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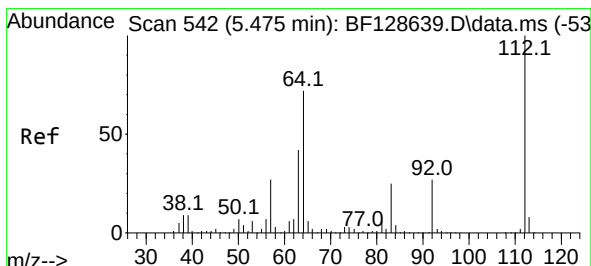
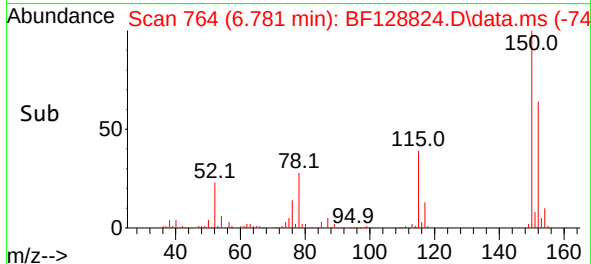
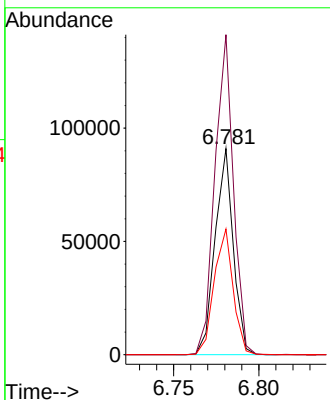
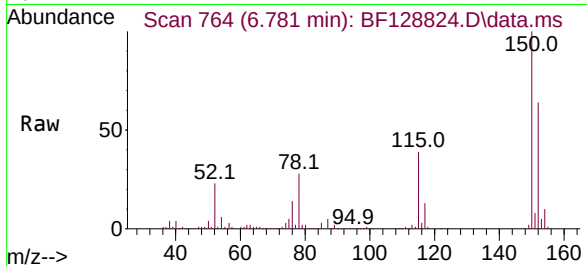




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

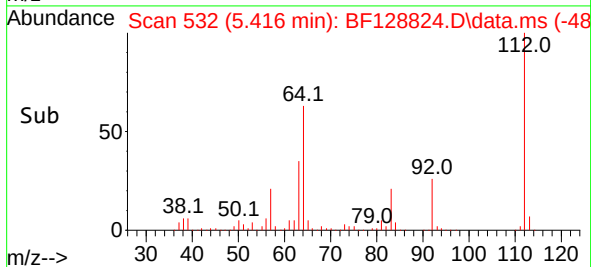
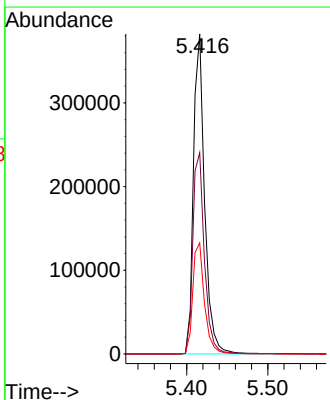
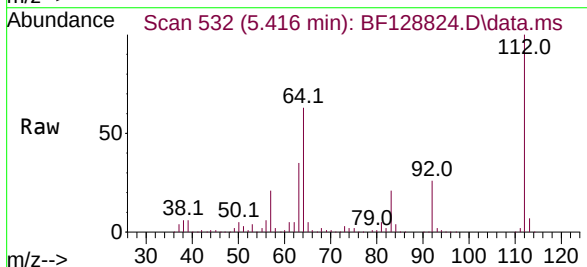
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

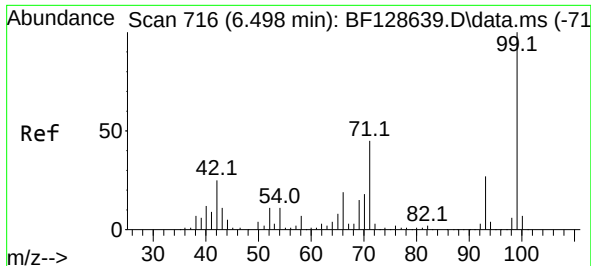
Tgt Ion:152 Resp: 67750
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 86.417 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:112 Resp: 367569
Ion Ratio Lower Upper
112 100
64 62.9 53.3 79.9
63 34.7 28.0 42.0

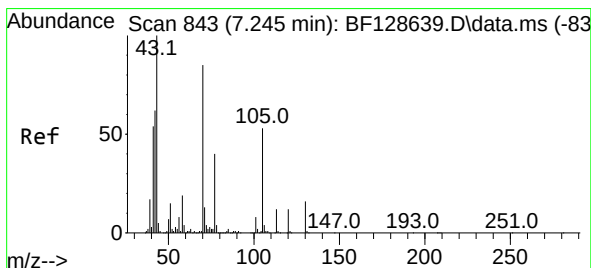
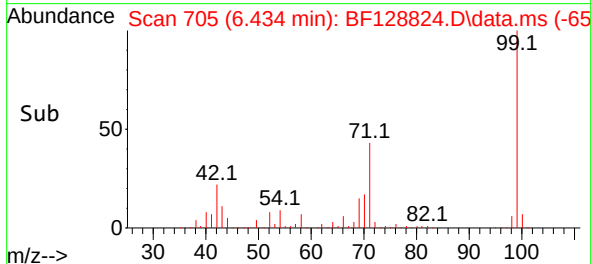
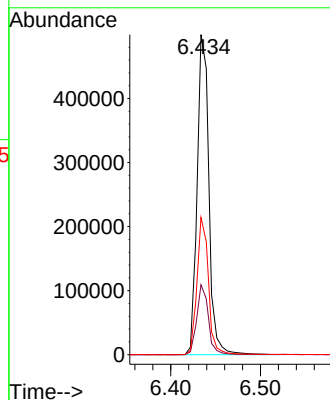
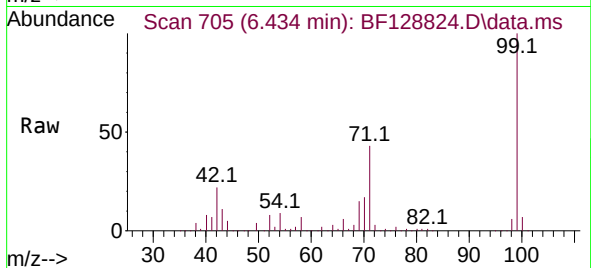




#7
Phenol-d6
Concen: 87.555 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

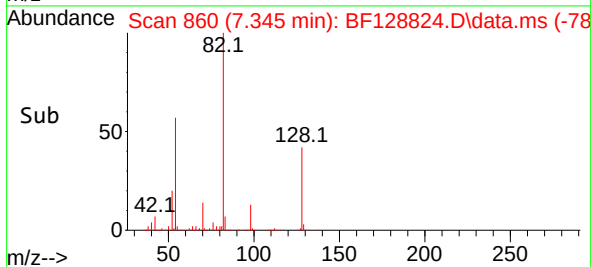
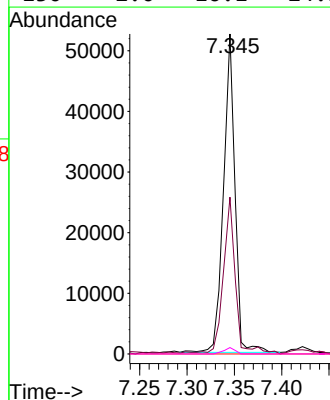
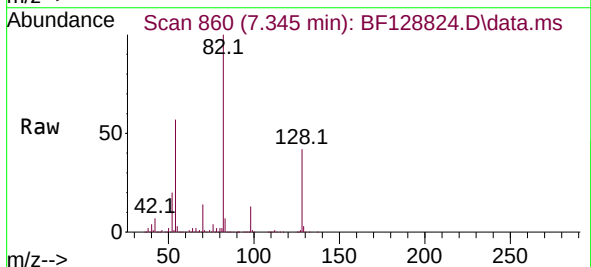
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

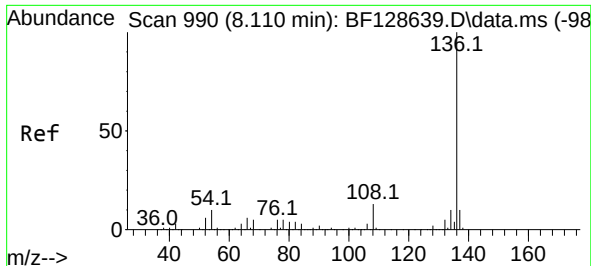
Tgt Ion: 99 Resp: 454591
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.750 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion: 70 Resp: 44389
Ion Ratio Lower Upper
70 100
42 49.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

Tgt Ion:136 Resp: 233473

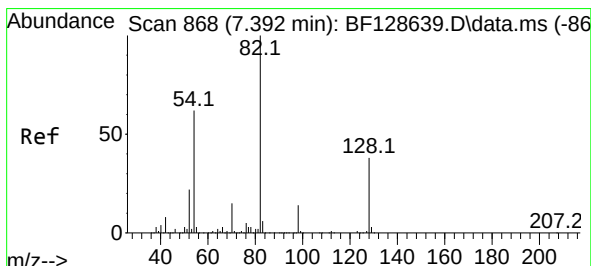
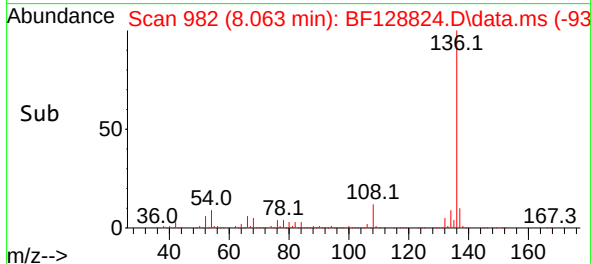
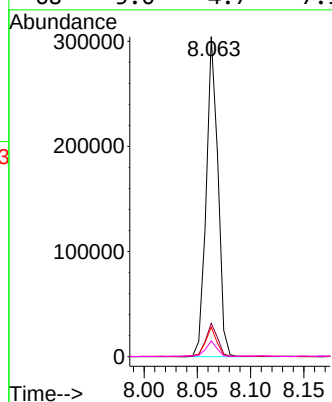
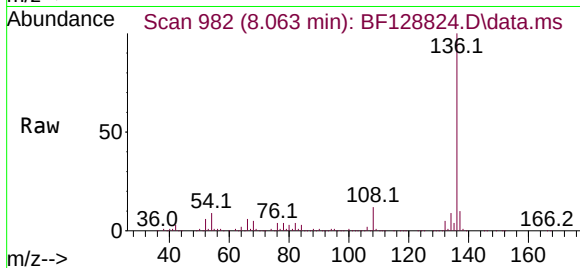
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.3 7.5 11.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 60.265 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

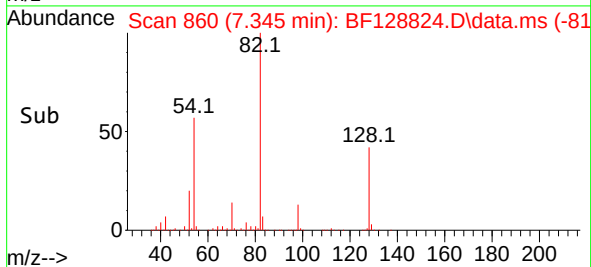
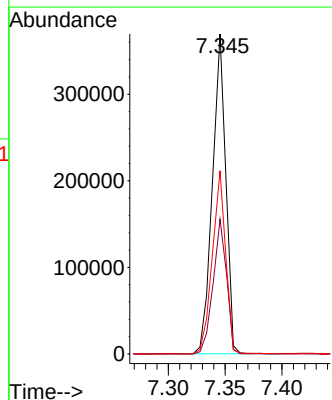
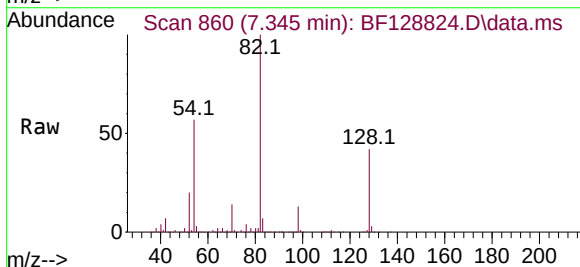
Tgt Ion: 82 Resp: 302206

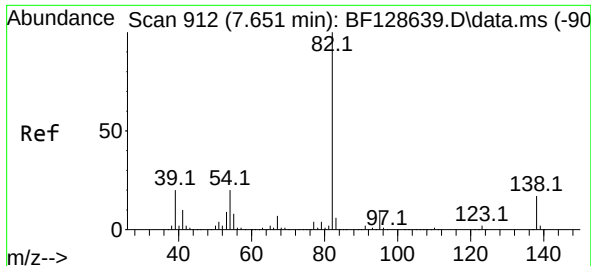
Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 57.3 46.9 70.3

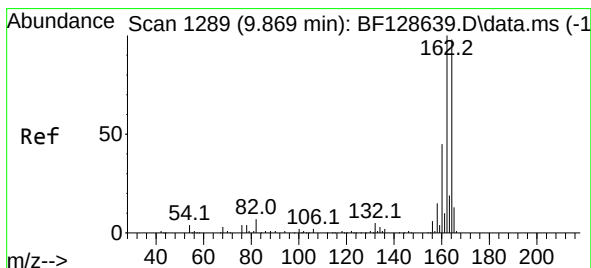
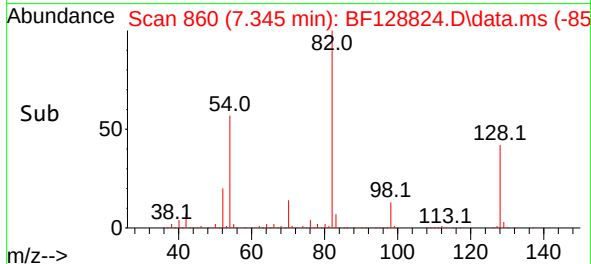
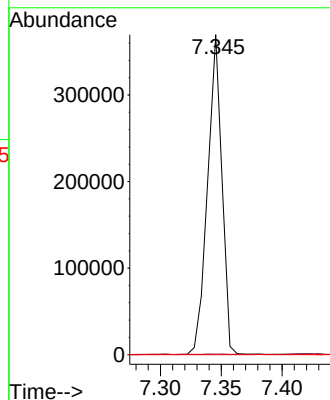
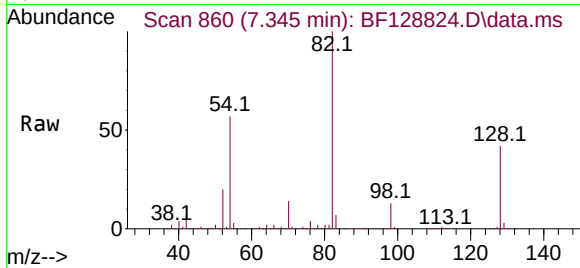




#25
Isophorone
Concen: 39.632 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

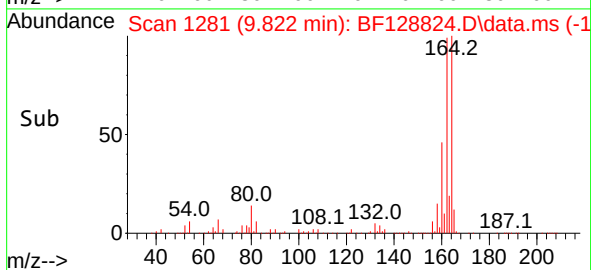
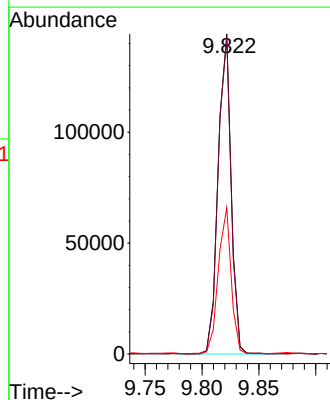
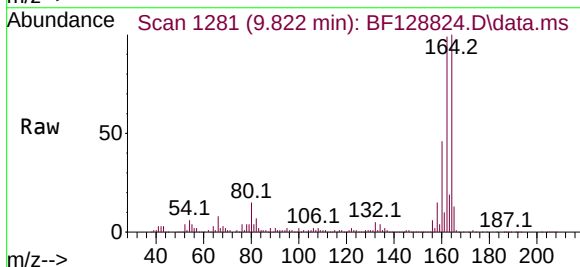
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

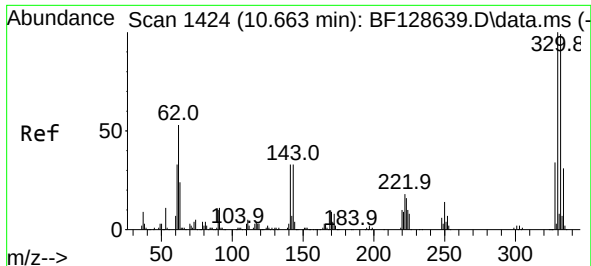
Tgt Ion: 82 Resp: 301842
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:164 Resp: 115561
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 76.975 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

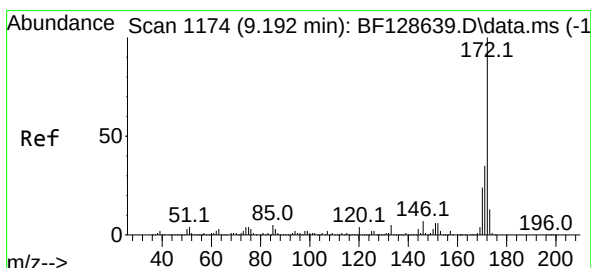
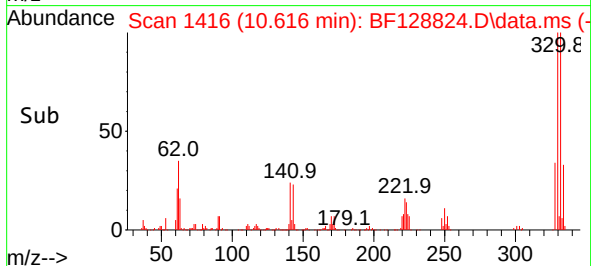
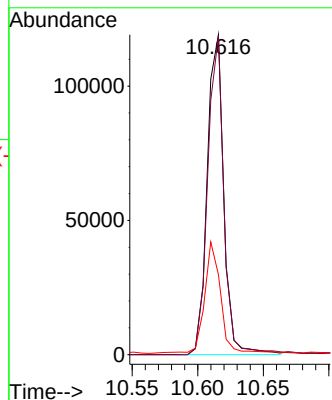
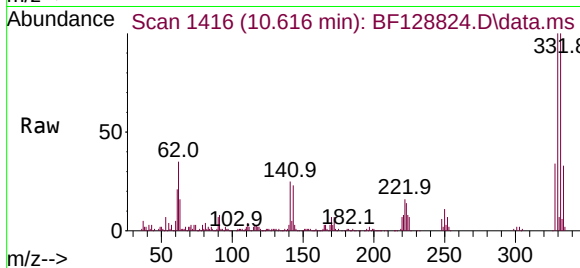
Tgt Ion:330 Resp: 105102

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.292 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

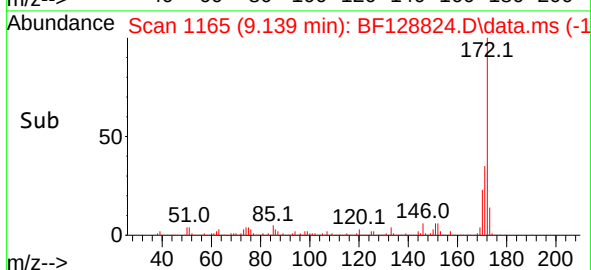
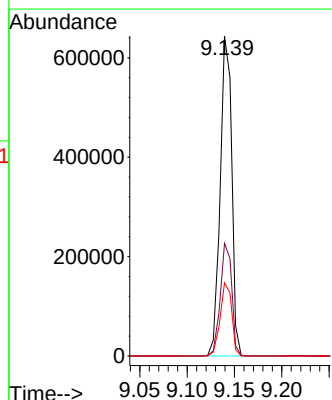
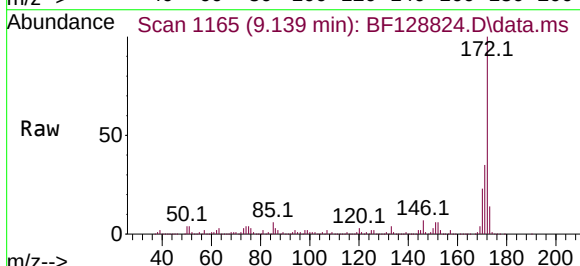
Tgt Ion:172 Resp: 546881

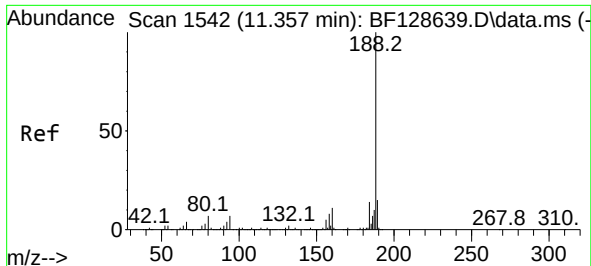
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 22.9 19.8 29.8

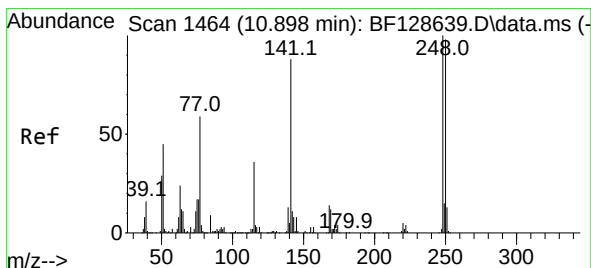
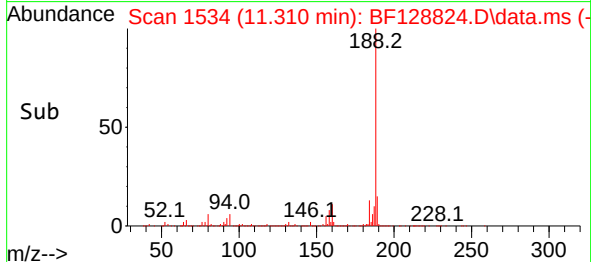
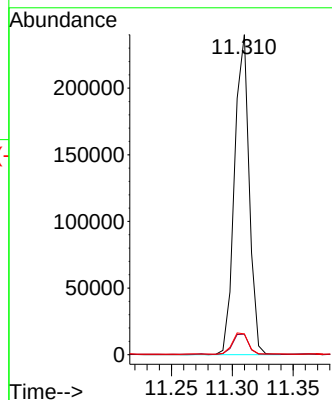
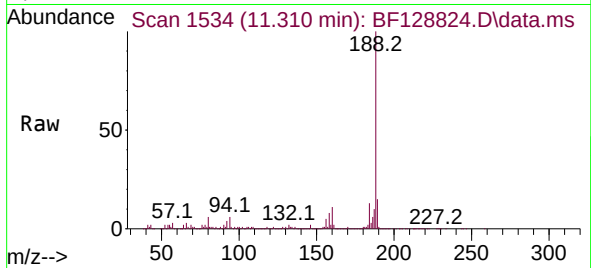




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

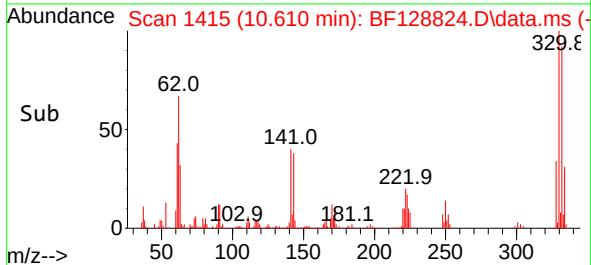
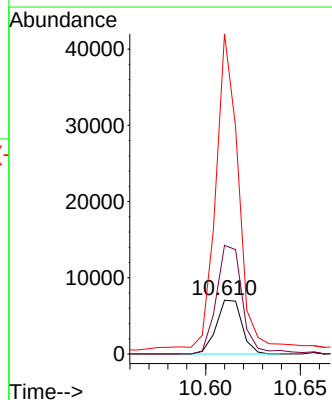
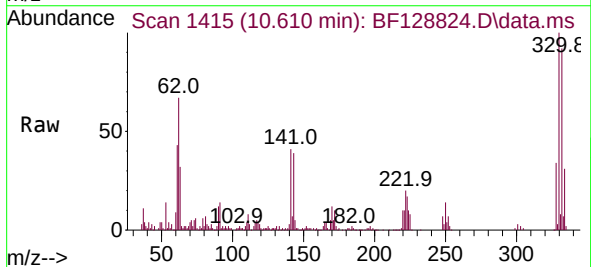
Instrument :
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TR-06-061022

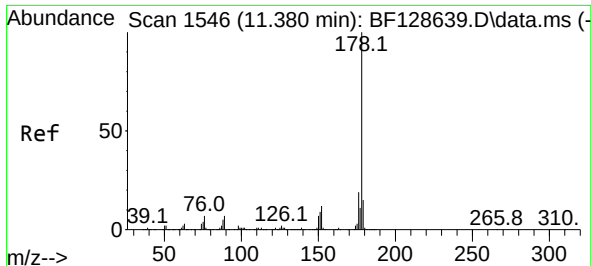
Tgt Ion:188 Resp: 200335
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.6#
80 6.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.247 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:248 Resp: 6639
Ion Ratio Lower Upper
248 100
250 201.9 80.6 120.8#
141 594.4 58.9 88.3#

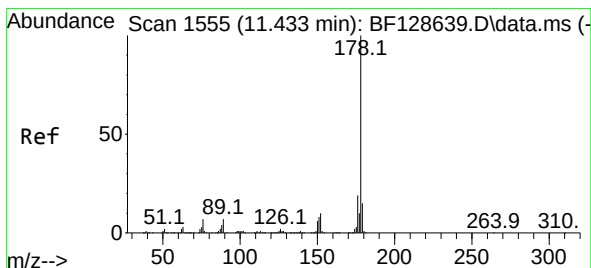
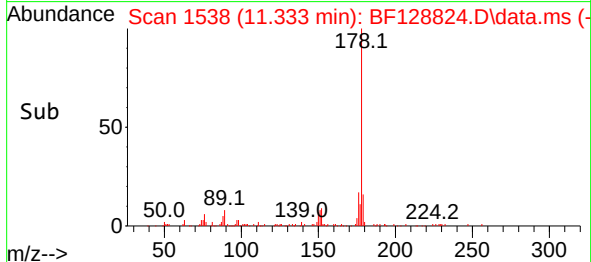
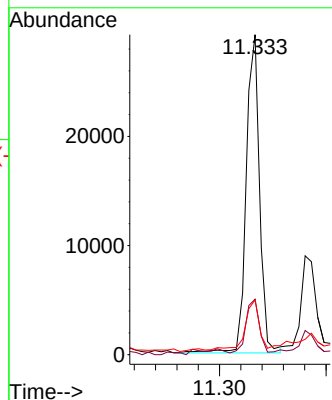
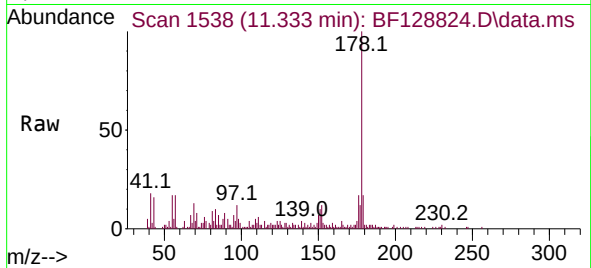




#71
Phenanthrene
Concen: 2.530 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

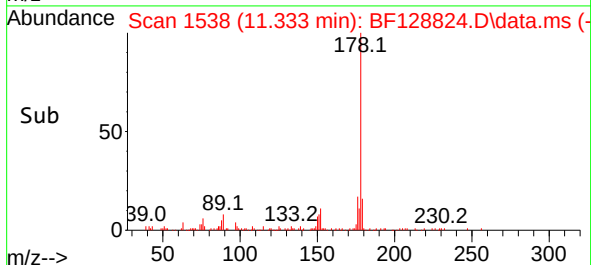
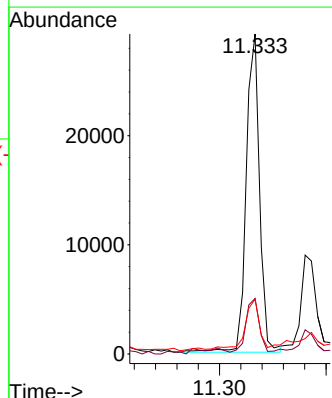
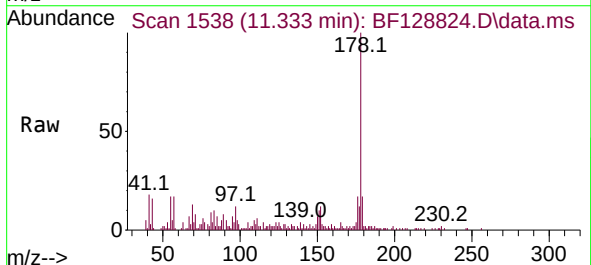
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

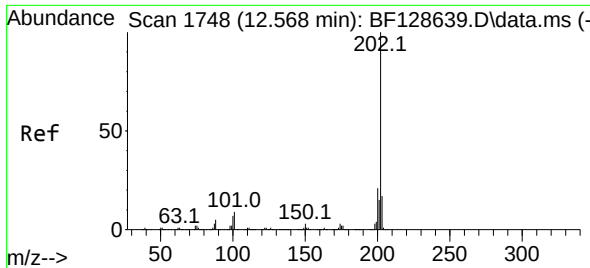
Tgt Ion:178 Resp: 25422
Ion Ratio Lower Upper
178 100
176 17.3 16.0 24.0
179 17.1 12.6 19.0



#72
Anthracene
Concen: 2.556 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.059 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:178 Resp: 25422
Ion Ratio Lower Upper
178 100
176 17.3 15.4 23.2
179 17.1 12.6 19.0

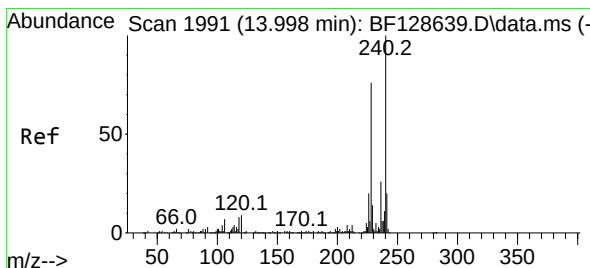
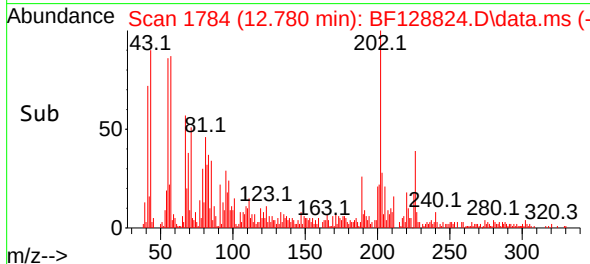
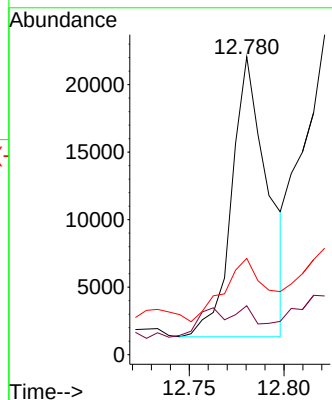
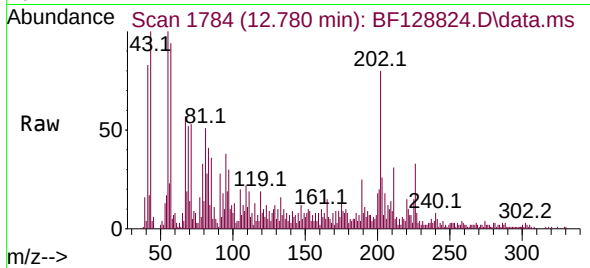




#75
Fluoranthene
Concen: 2.600 ng
RT: 12.780 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

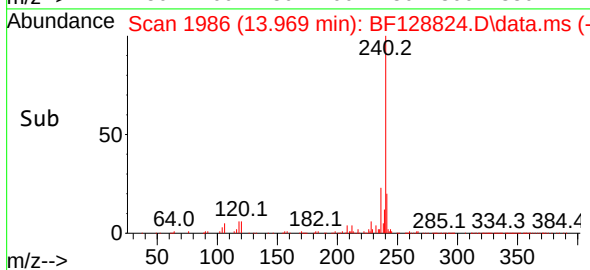
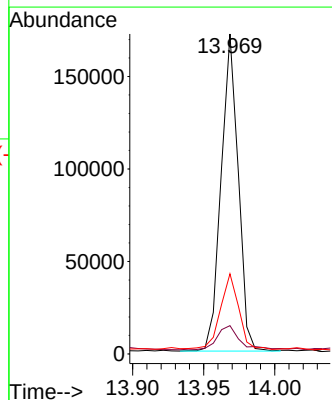
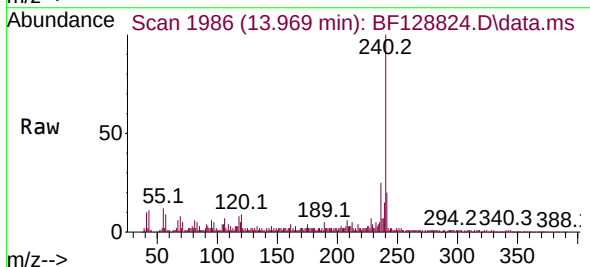
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

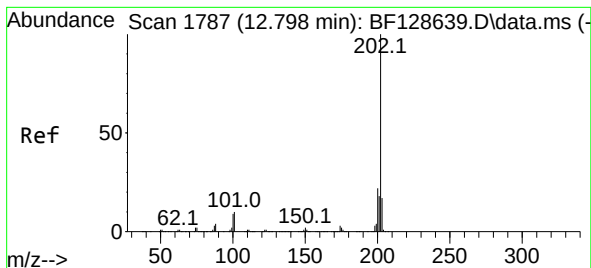
Tgt Ion:202 Resp: 27307
Ion Ratio Lower Upper
202 100
101 16.5 0.0 31.4
203 32.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:240 Resp: 143170
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.1 20.8 31.2





#78

Pyrene

Concen: 2.564 ng

RT: 12.780 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

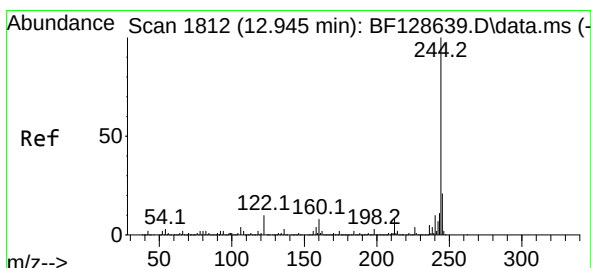
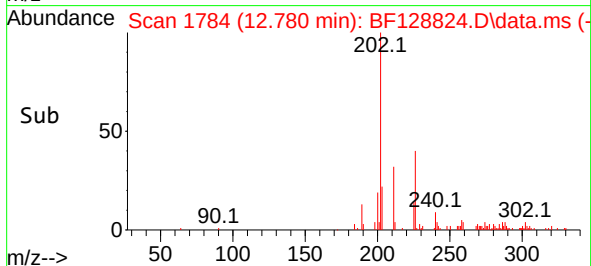
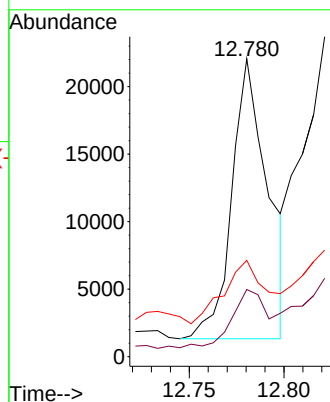
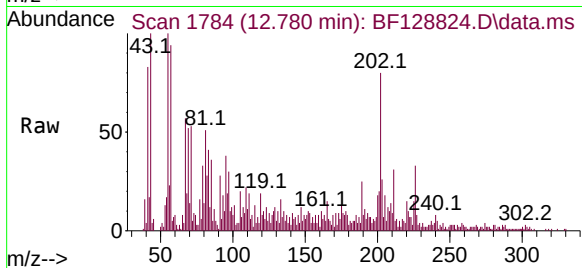
Tgt Ion:202 Resp: 27307

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

203 32.3 14.6 21.8#



#79

Terphenyl-d14

Concen: 70.633 ng

RT: 12.933 min Scan# 1810

Delta R.T. 0.029 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

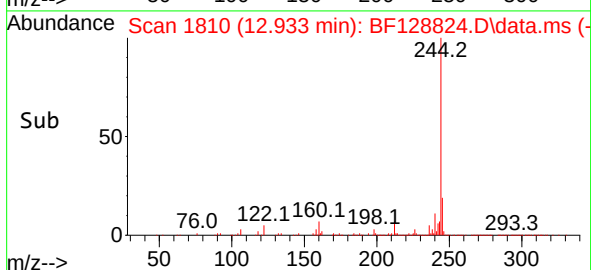
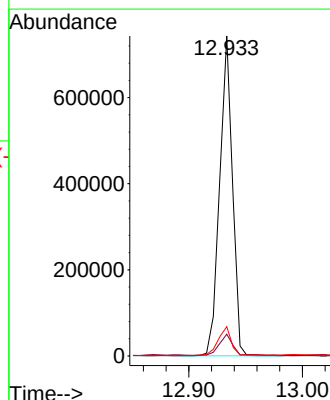
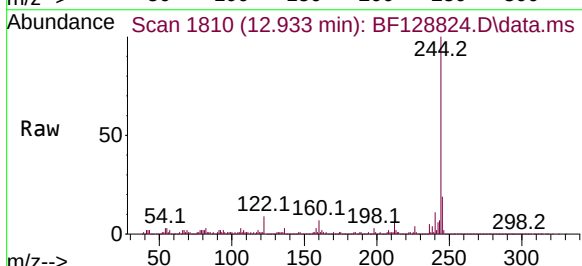
Tgt Ion:244 Resp: 581972

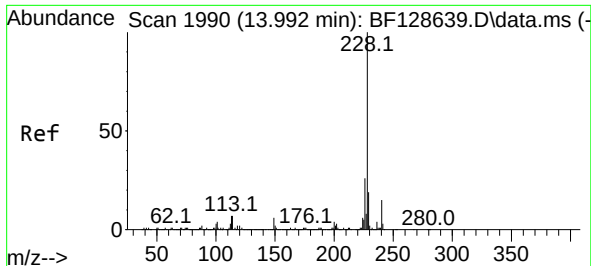
Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 9.2 8.8 13.2

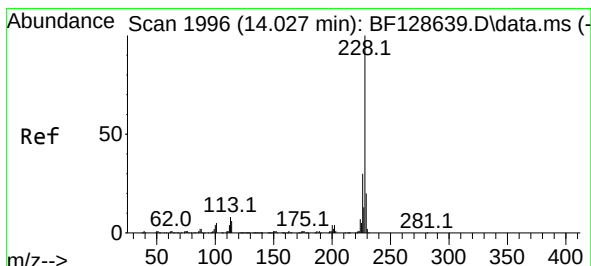
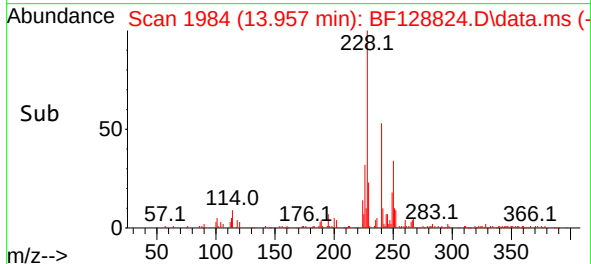
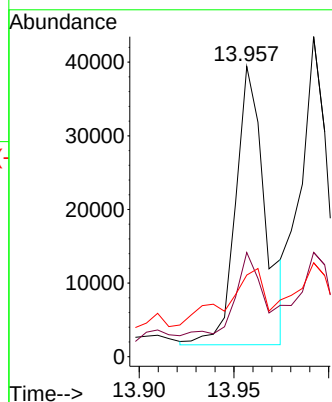
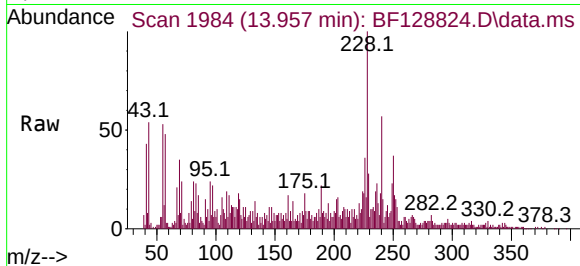




#81
Benzo(a)anthracene
Concen: 4.588 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

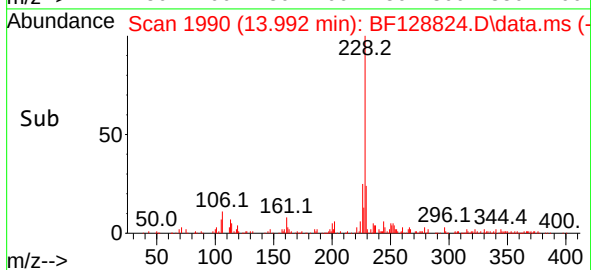
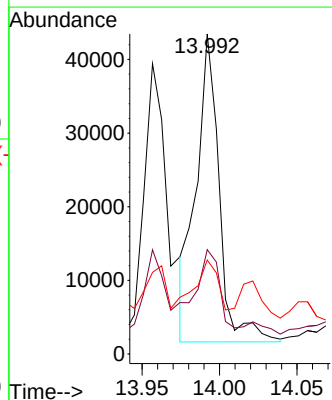
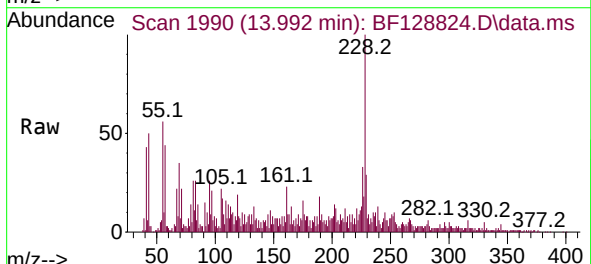
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

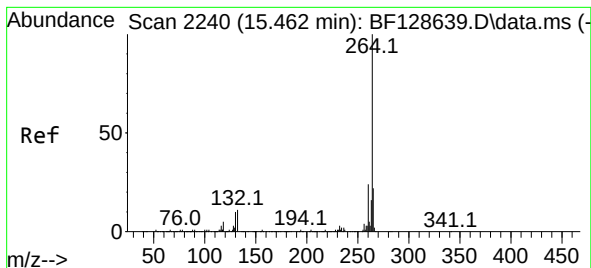
Tgt Ion:228 Resp: 40946
Ion Ratio Lower Upper
228 100
226 35.9 22.1 33.1#
229 28.1 15.8 23.8#



#83
Chrysene
Concen: 5.085 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:228 Resp: 43266
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 29.4 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

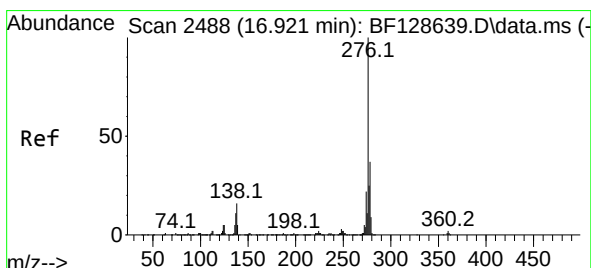
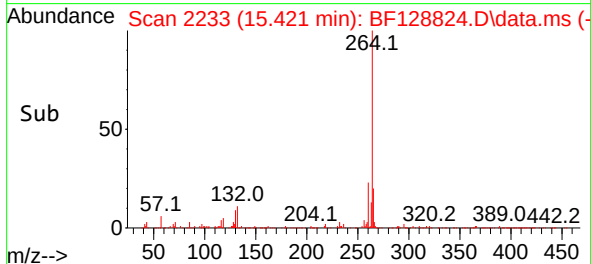
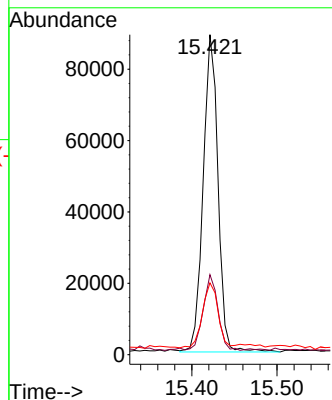
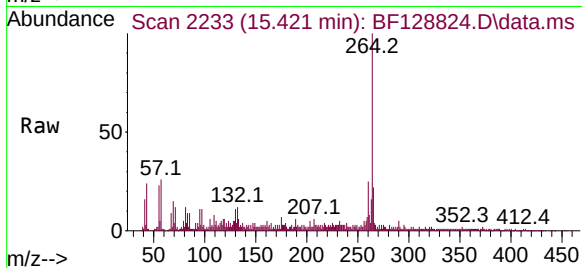
Tgt Ion:264 Resp: 107523

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 22.4 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.681 ng

RT: 16.862 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

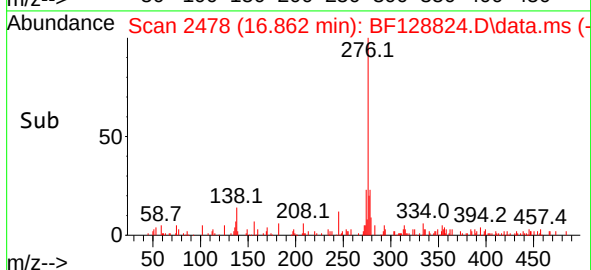
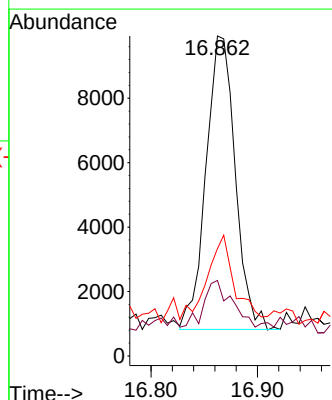
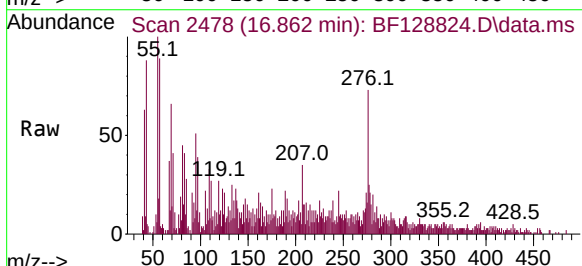
Tgt Ion:276 Resp: 17377

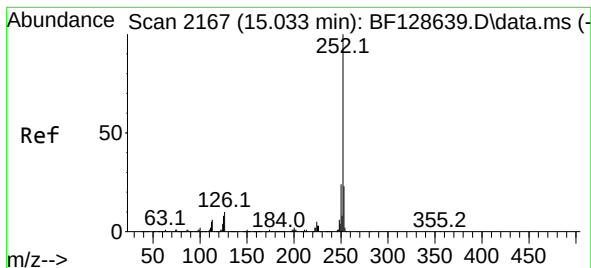
Ion Ratio Lower Upper

276 100

138 15.1 21.1 31.7#

277 26.8 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 8.028 ng

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

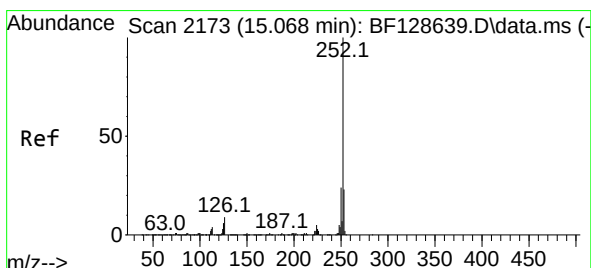
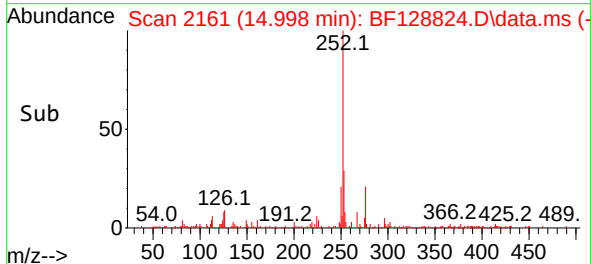
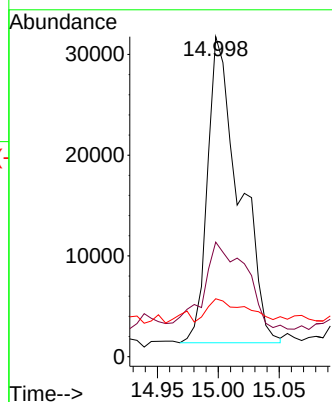
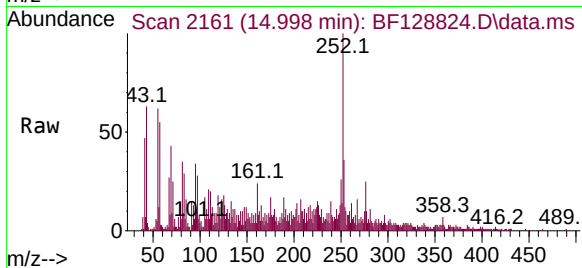
Tgt Ion:252 Resp: 55157

Ion Ratio Lower Upper

252 100

253 35.8 17.7 26.5#

125 18.1 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 8.534 ng

RT: 14.998 min Scan# 2161

Delta R.T. -0.029 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

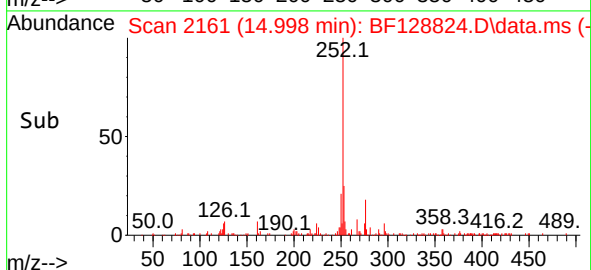
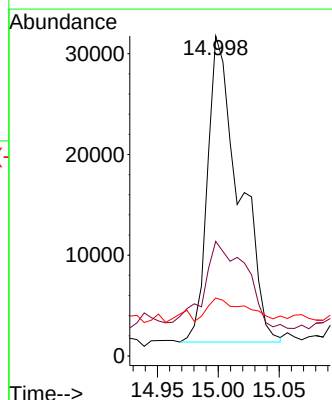
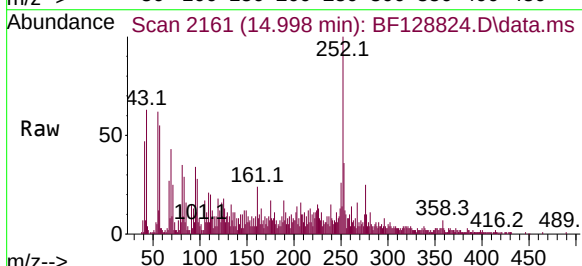
Tgt Ion:252 Resp: 55157

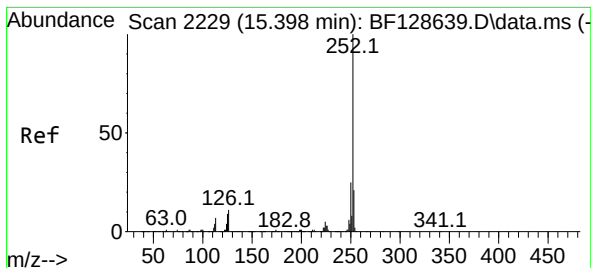
Ion Ratio Lower Upper

252 100

253 35.8 17.8 26.6#

125 18.1 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.466 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

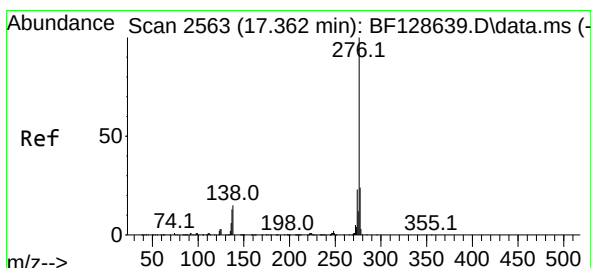
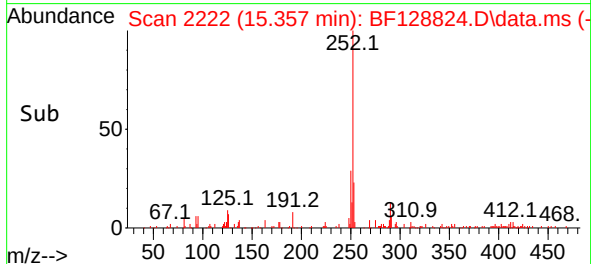
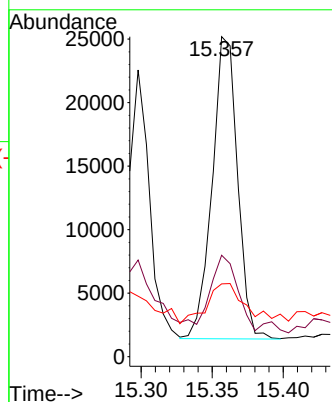
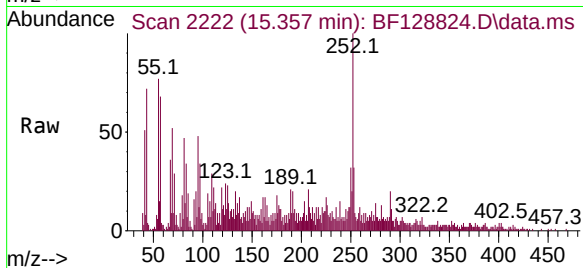
Instrument :

BNA_F

ClientSampleId :

TR-06-061022

Tgt Ion:252	Resp:	29515
Ion Ratio	Lower	Upper
252	100	
253	31.7	17.0 25.6#
125	22.7	8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 3.588 ng

RT: 17.304 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Tgt Ion:276	Resp:	19117
Ion Ratio	Lower	Upper
276	100	
277	31.8	19.1 28.7#
138	21.5	18.0 27.0

