

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128816.D
 Acq On : 14 Jun 2022 23:13
 Operator : CG\JU
 Sample : N3319-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-061022

Quant Time: Jun 15 01:03:28 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)

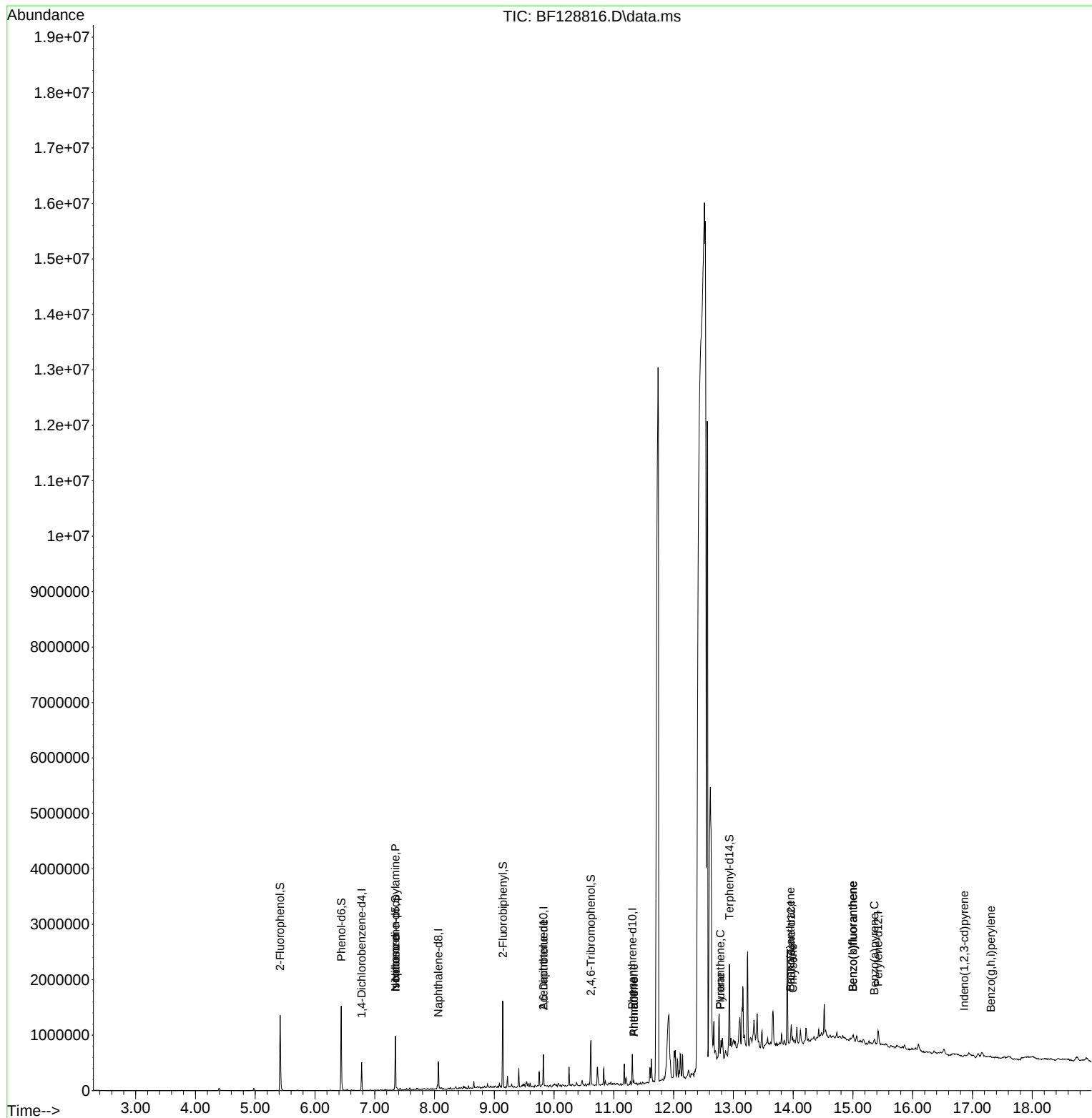
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60442	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	192196	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	100073	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	177634	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	123488	20.000	ng	0.00
86) Perylene-d12	15.421	264	92563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	316577	83.428	ng	0.00
7) Phenol-d6	6.439	99	411298	88.795	ng	0.00
23) Nitrobenzene-d5	7.345	82	256166	62.055	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	100697	85.162	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	478971	67.045	ng	0.00
79) Terphenyl-d14	12.933	244	498012	70.077	ng	0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	38853	13.491	ng	# 75
25) Isophorone	7.345	82	255906	40.817	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	14219	10.517	ng	# 26
71) Phenanthrene	11.333	178	20839	2.339	ng	98
72) Anthracene	11.333	178	20839	2.363	ng	98
75) Fluoranthene	12.780	202	25458	2.733	ng	78
78) Pyrene	12.780	202	28920	3.148	ng	# 83
81) Benzo(a)anthracene	13.957	228	35017	4.549	ng	# 81
83) Chrysene	13.992	228	37229	5.073	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.862	276	16221	2.907	ng	# 88
88) Benzo(b)fluoranthene	14.998	252	49926	8.441	ng	# 68
89) Benzo(k)fluoranthene	14.998	252	49926	8.973	ng	# 68
90) Benzo(a)pyrene	15.357	252	25677	5.523	ng	# 66
92) Benzo(g,h,i)perylene	17.309	276	13822	3.014	ng	# 71

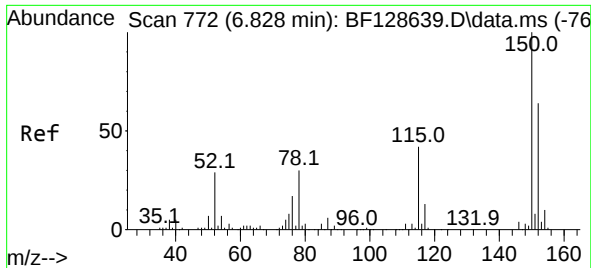
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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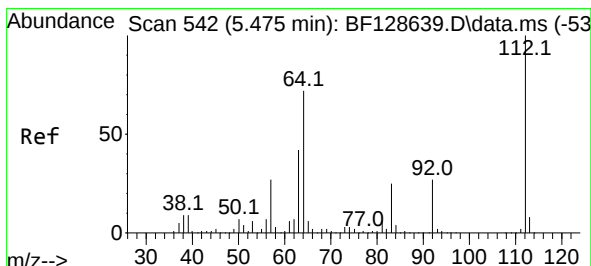
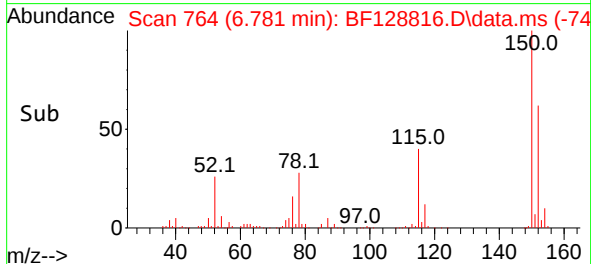
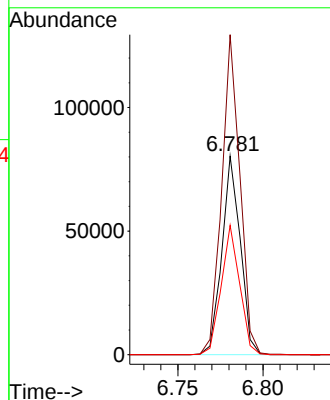
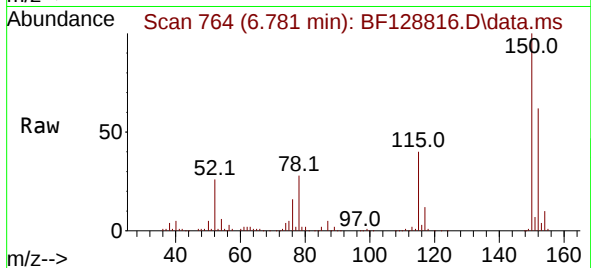




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

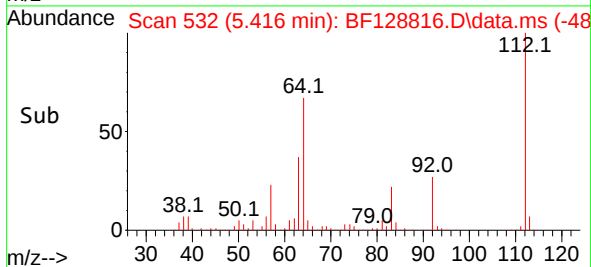
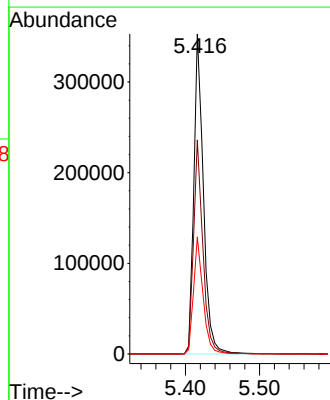
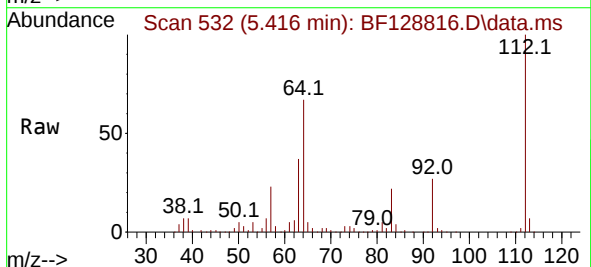
Instrument :
BNA_F
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TR-06-061022

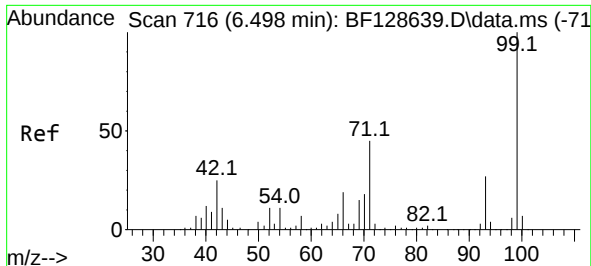
Tgt Ion:152 Resp: 60442
Ion Ratio Lower Upper
152 100
150 161.2 123.7 185.5
115 65.1 49.9 74.9



#5
2-Fluorophenol
Concen: 83.428 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:112 Resp: 316577
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 36.6 28.0 42.0

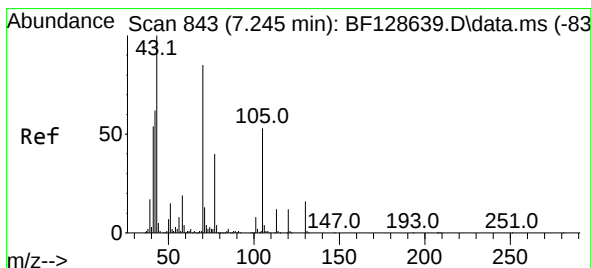
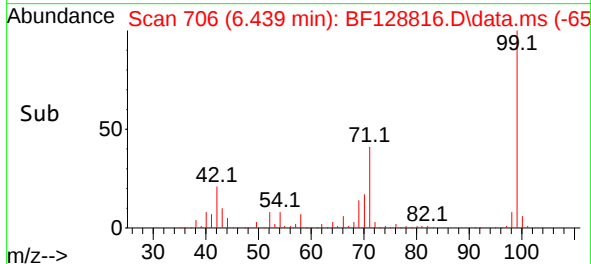
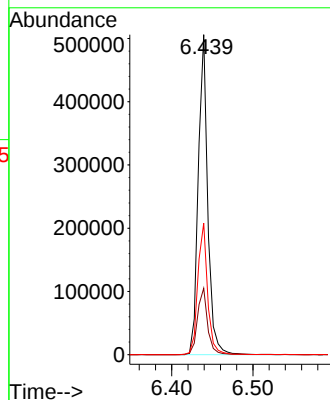
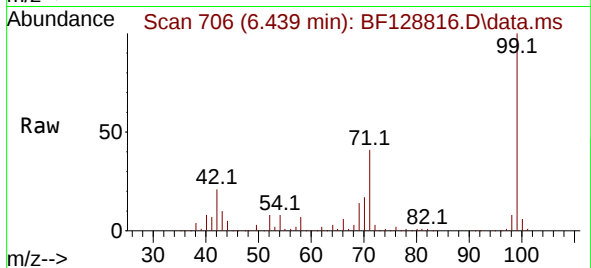




#7
Phenol-d6
Concen: 88.795 ng
RT: 6.439 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

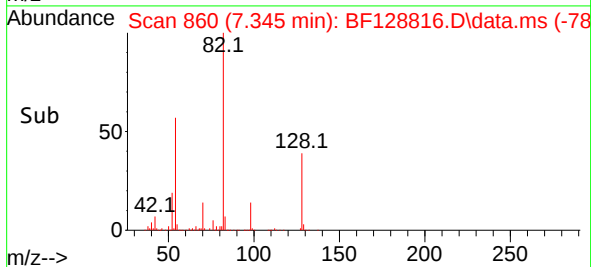
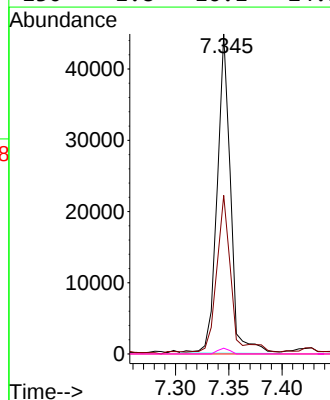
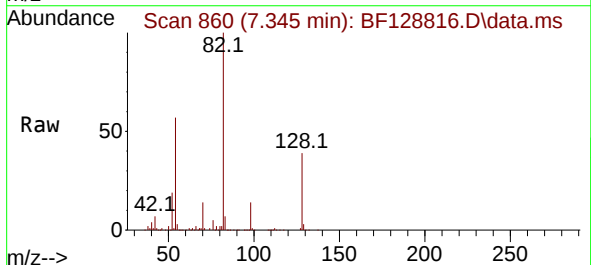
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

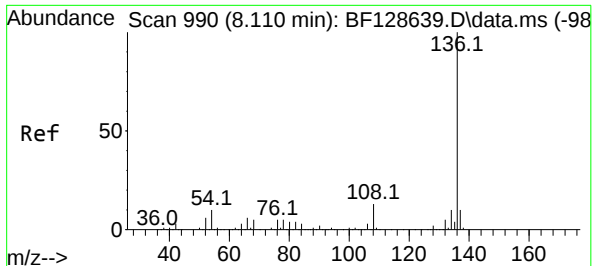
Tgt Ion: 99 Resp: 411298
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.491 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion: 70 Resp: 38853
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

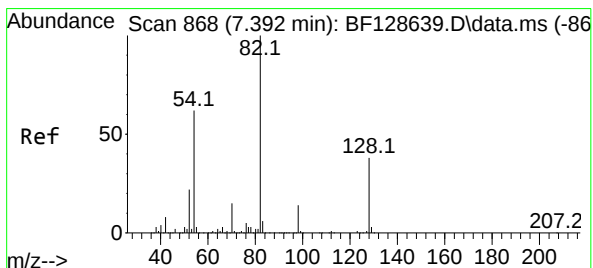
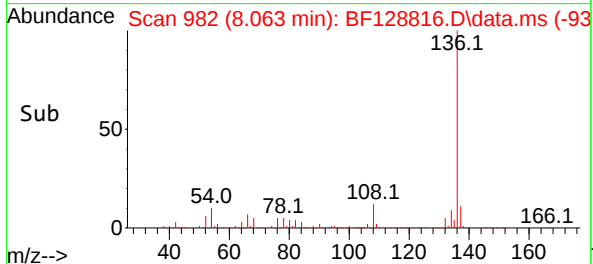
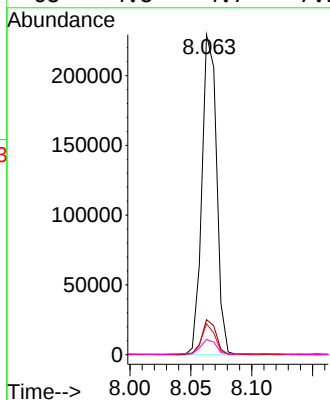
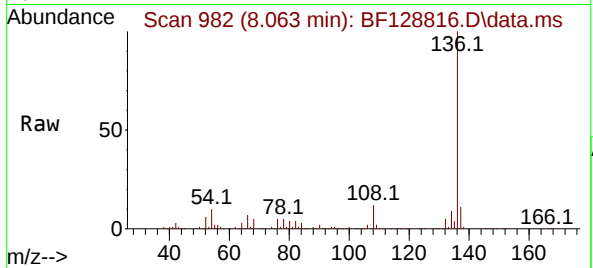




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

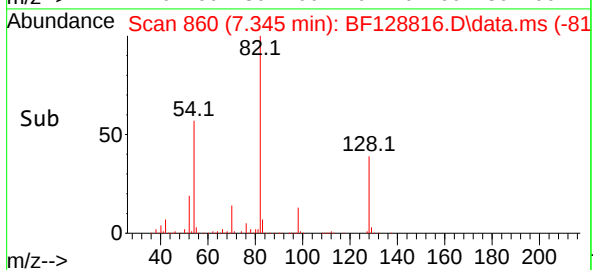
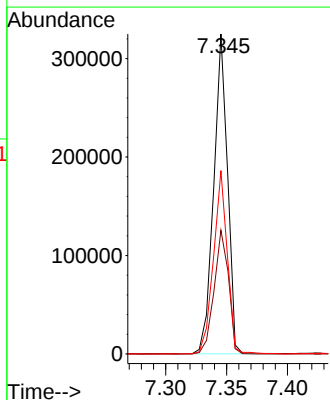
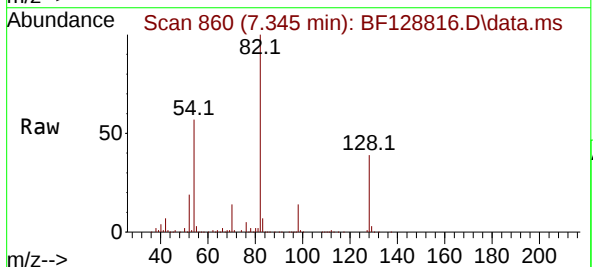
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

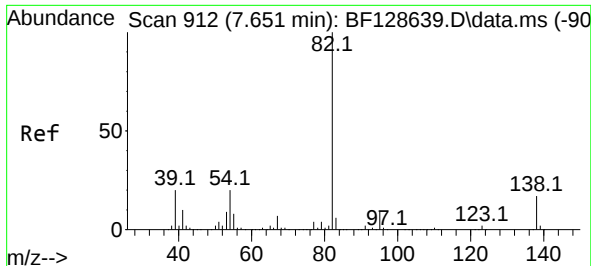
Tgt Ion:136	Resp: 192196
Ion Ratio	Lower Upper
136	100
137	10.9 8.8 13.2
54	9.6 7.5 11.3
68	4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.055 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion: 82	Resp: 256166
Ion Ratio	Lower Upper
82	100
128	38.7 34.0 51.0
54	57.3 46.9 70.3

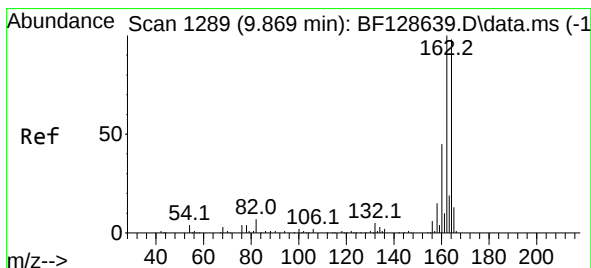
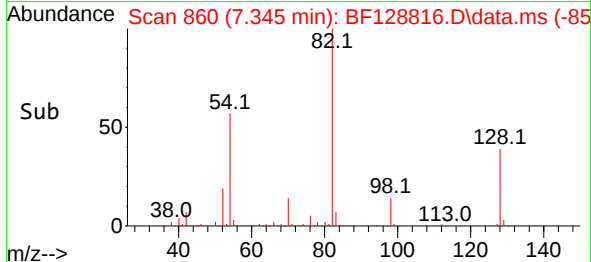
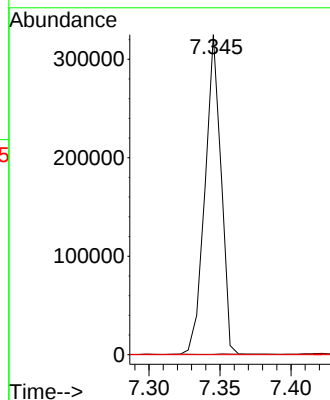
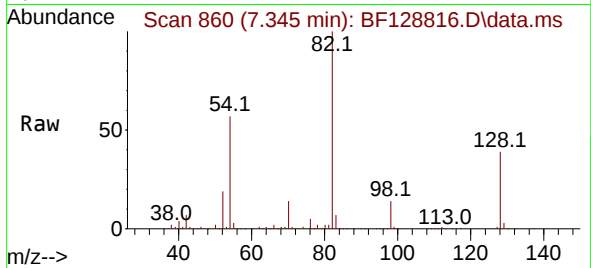




#25
Isophorone
Concen: 40.817 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

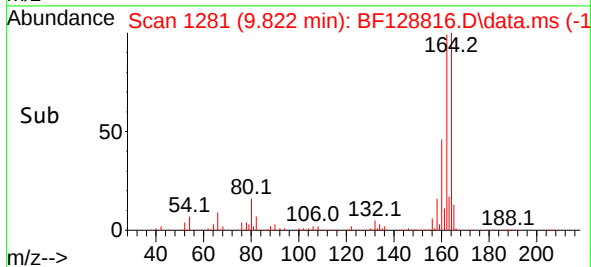
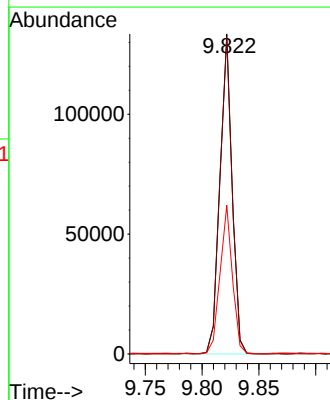
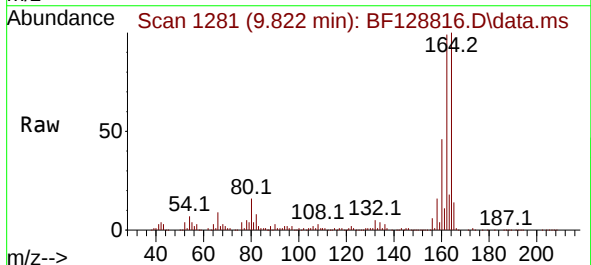
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

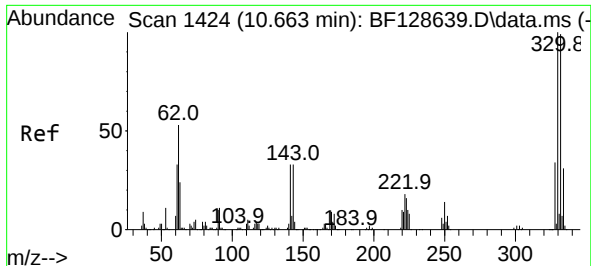
Tgt Ion: 82 Resp: 255906
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:164 Resp: 100073
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 46.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 85.162 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128816.D

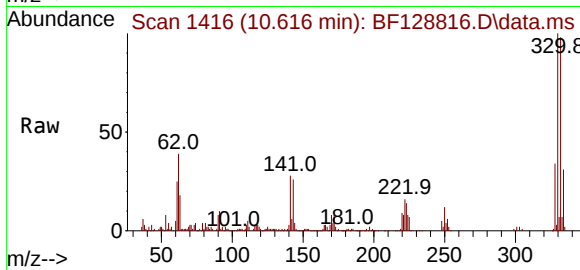
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Instrument :

BNA_F

ClientSampleId :

TR-06-061022



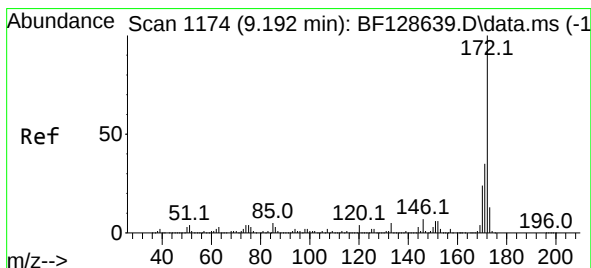
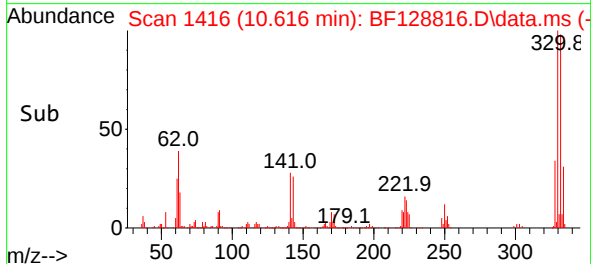
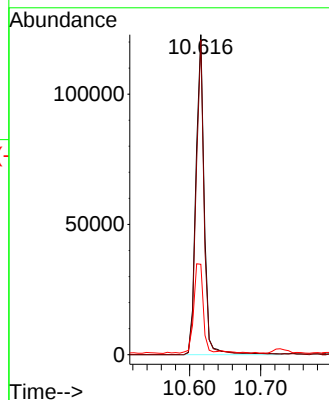
Tgt Ion:330 Resp: 100697

Ion Ratio Lower Upper

330 100

332 92.9 76.8 115.2

141 31.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.045 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

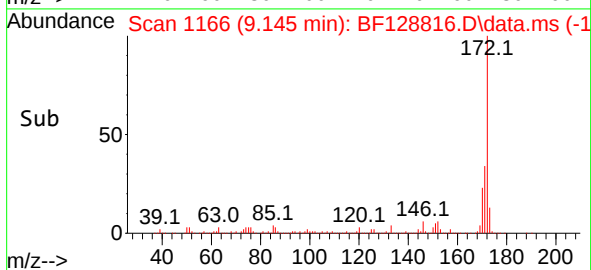
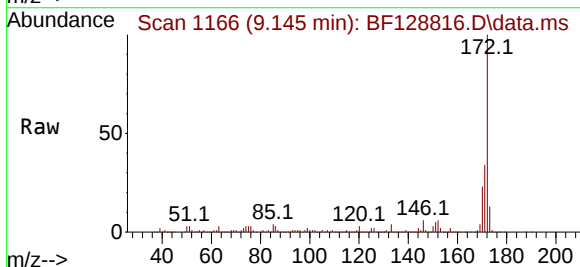
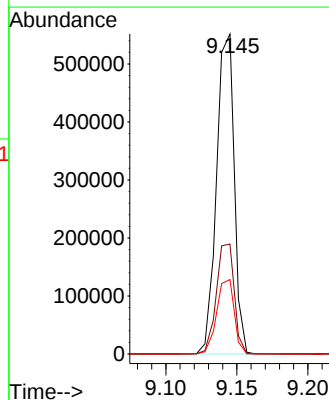
Tgt Ion:172 Resp: 478971

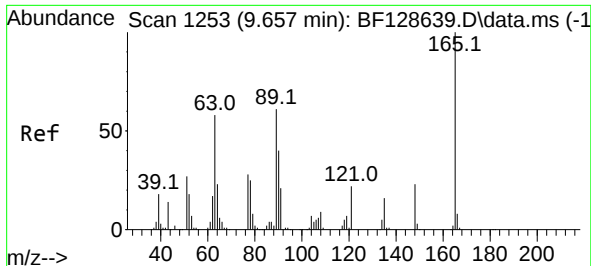
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.2 19.8 29.8

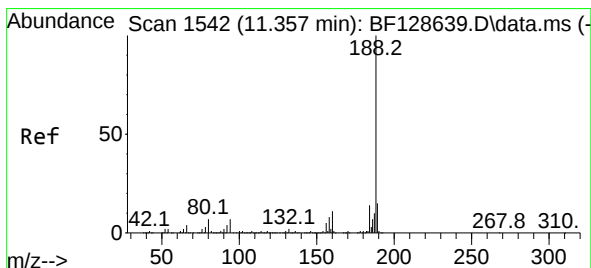
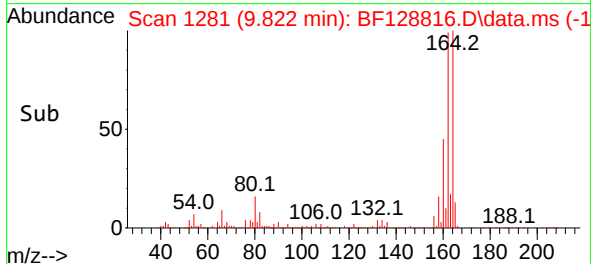
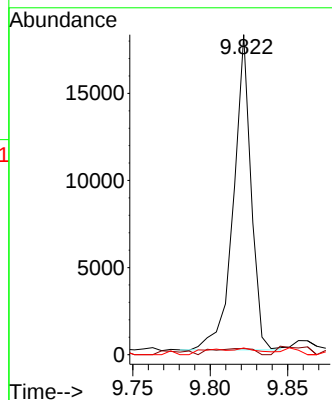
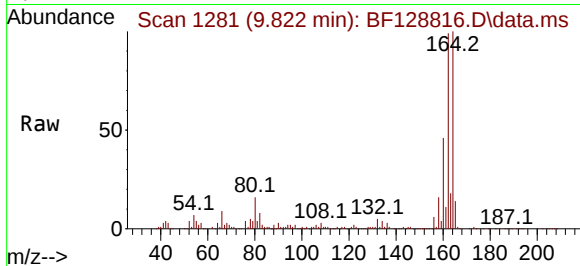




#51
2,6-Dinitrotoluene
Concen: 10.517 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

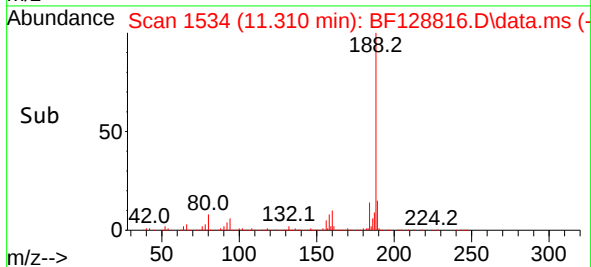
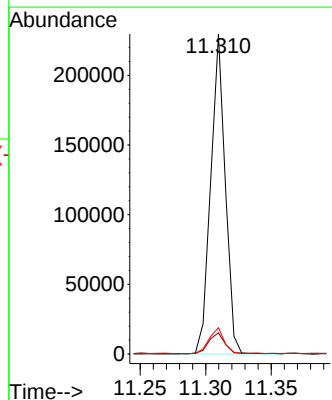
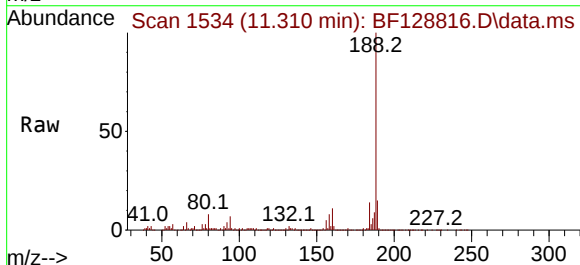
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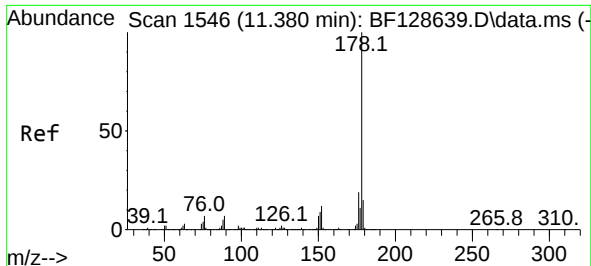
Tgt Ion:165 Resp: 14219
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 2.1 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:188 Resp: 177634
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 8.2 7.6 11.4

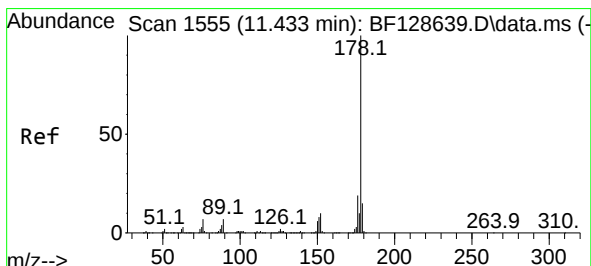
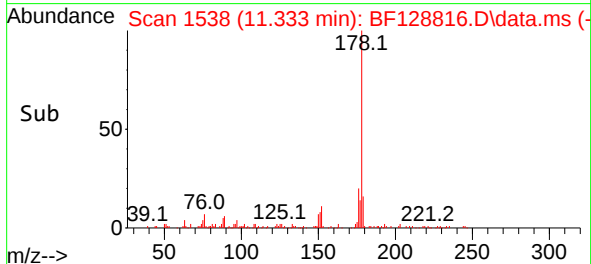
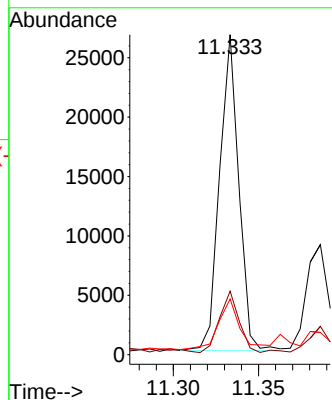
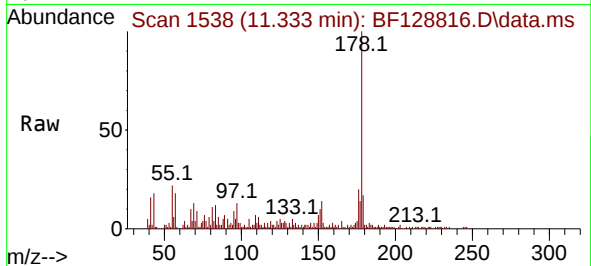




#71
Phenanthrene
Concen: 2.339 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

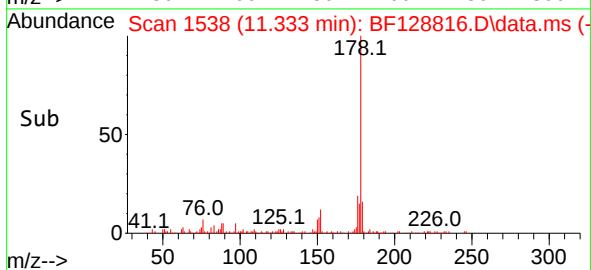
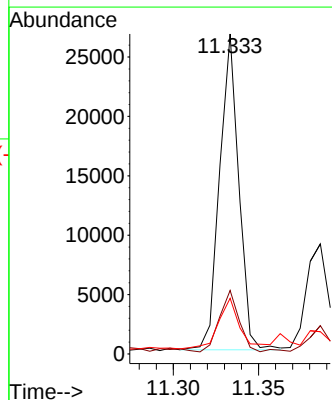
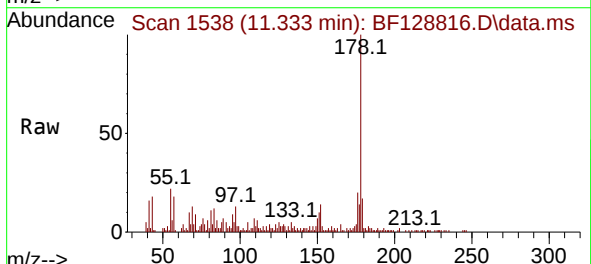
Instrument :
BNA_F
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TR-06-061022

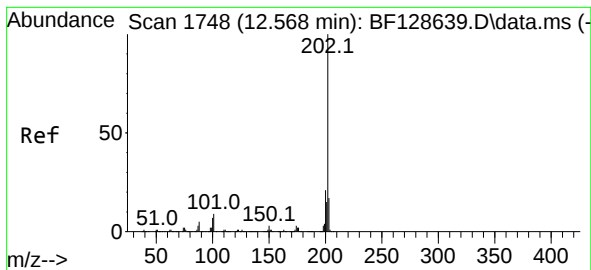
Tgt Ion:178 Resp: 20839
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 17.4 12.6 19.0



#72
Anthracene
Concen: 2.363 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.059 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:178 Resp: 20839
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 17.4 12.6 19.0





#75

Fluoranthene

Concen: 2.733 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.253 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

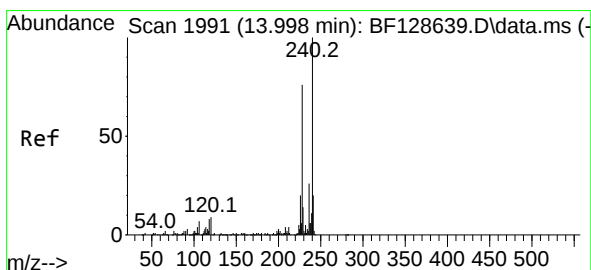
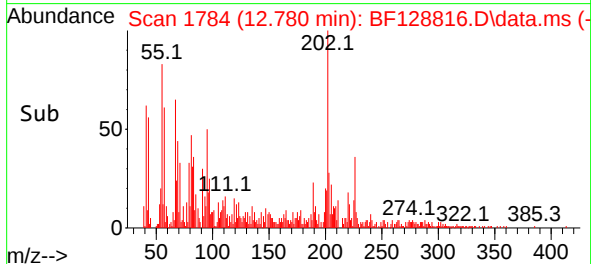
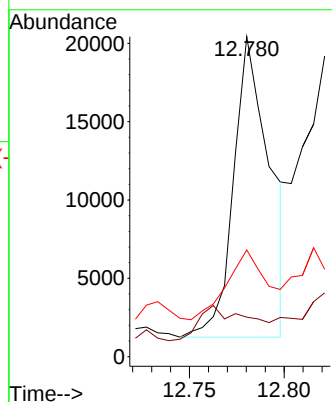
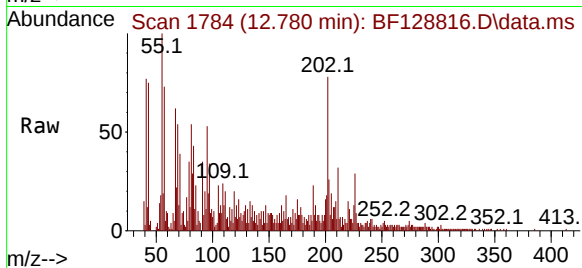
Tgt Ion:202 Resp: 25458

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

203 33.4 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

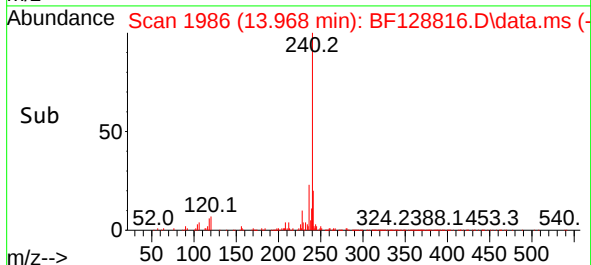
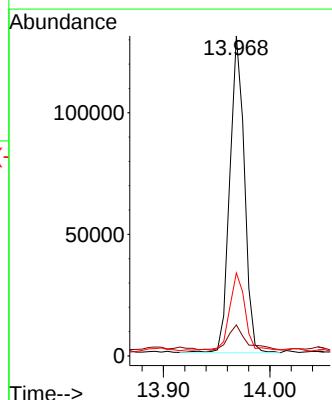
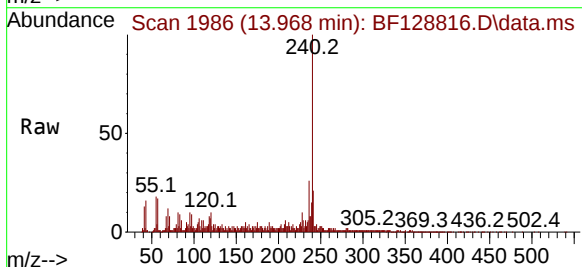
Tgt Ion:240 Resp: 123488

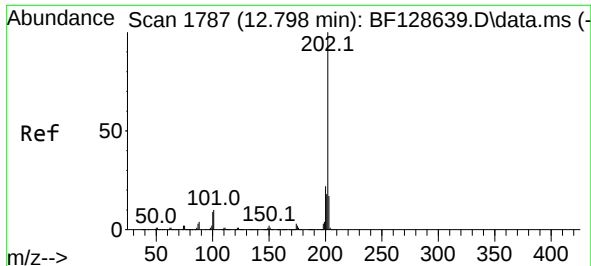
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 26.0 20.8 31.2

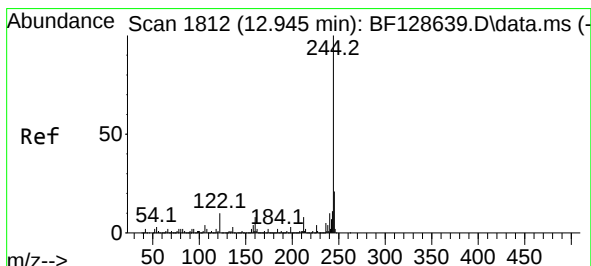
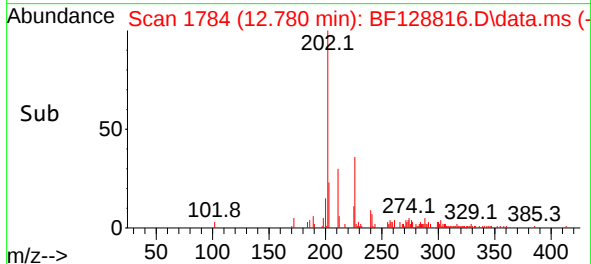
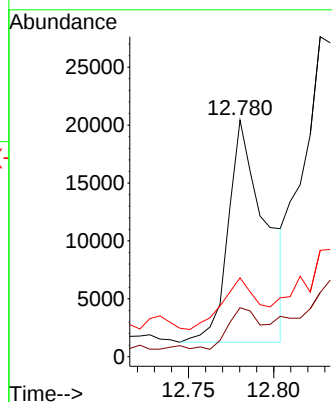
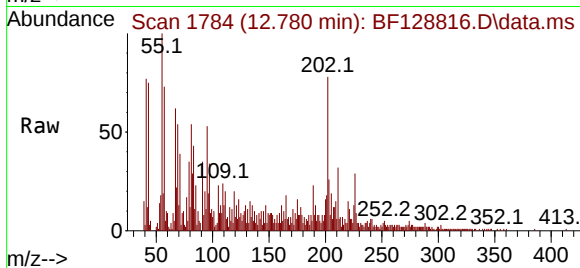




#78
 Pyrene
 Concen: 3.148 ng
 RT: 12.780 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF128816.D
 Acq: 14 Jun 2022 23:13

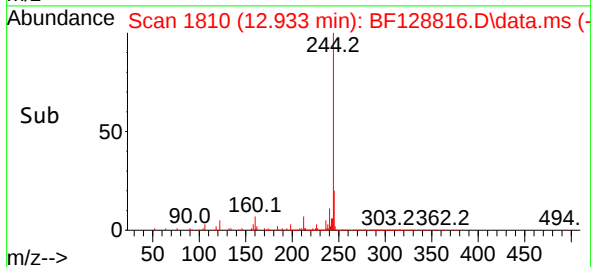
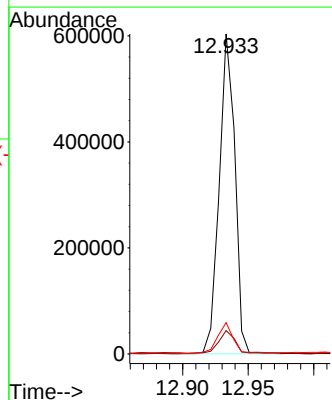
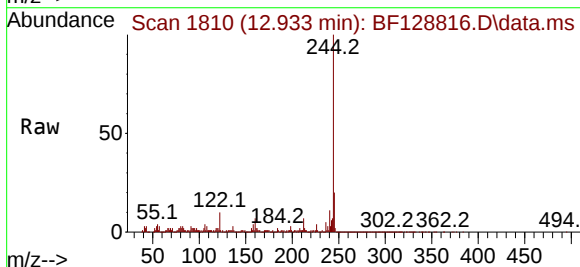
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-061022

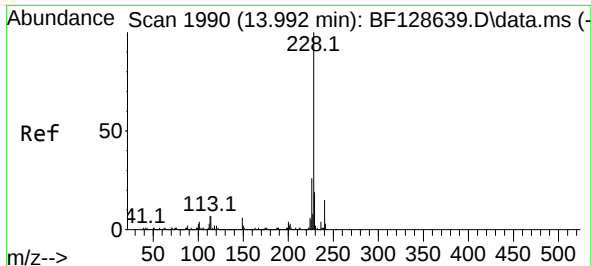
Tgt Ion:202 Resp: 28920
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.7 26.5
 203 33.4 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 70.077 ng
 RT: 12.933 min Scan# 1810
 Delta R.T. 0.029 min
 Lab File: BF128816.D
 Acq: 14 Jun 2022 23:13

Tgt Ion:244 Resp: 498012
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.8 8.8 13.2

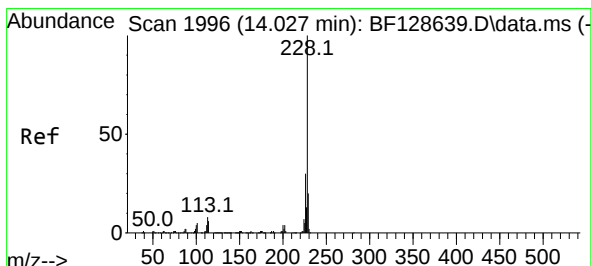
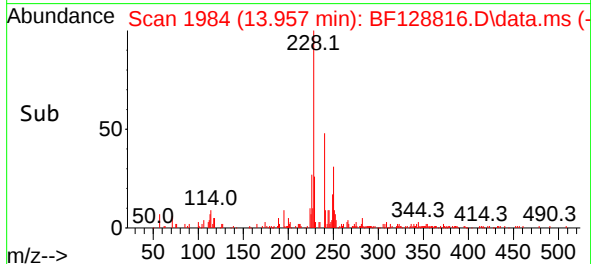
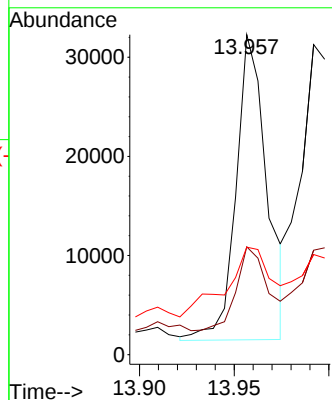
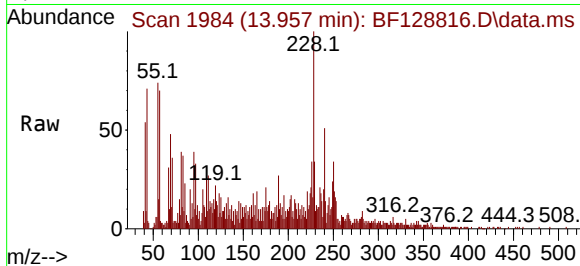




#81
Benzo(a)anthracene
Concen: 4.549 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

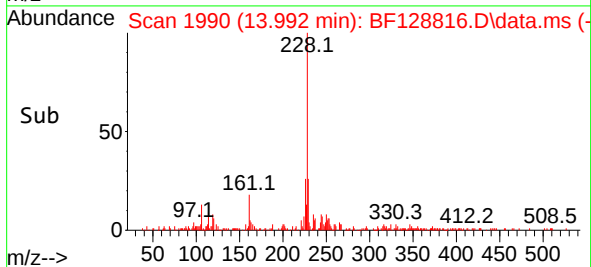
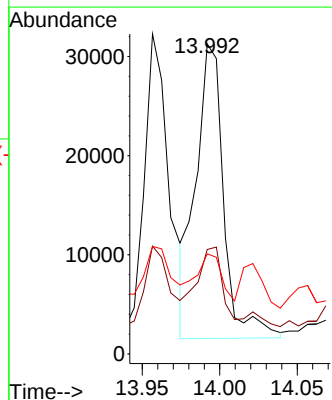
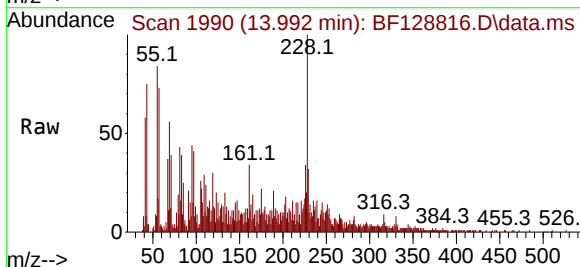
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

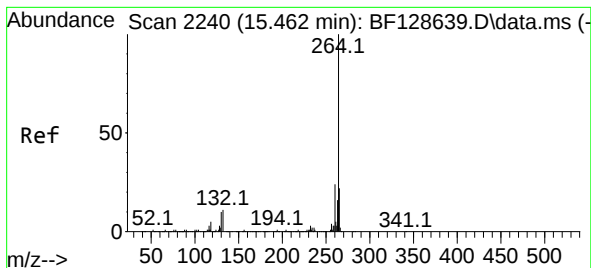
Tgt Ion:228 Resp: 35017
Ion Ratio Lower Upper
228 100
226 33.7 22.1 33.1#
229 33.6 15.8 23.8#



#83
Chrysene
Concen: 5.073 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:228 Resp: 37229
Ion Ratio Lower Upper
228 100
226 33.7 24.3 36.5
229 32.3 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: BF128816.D

Acq: 14 Jun 2022 23:13

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

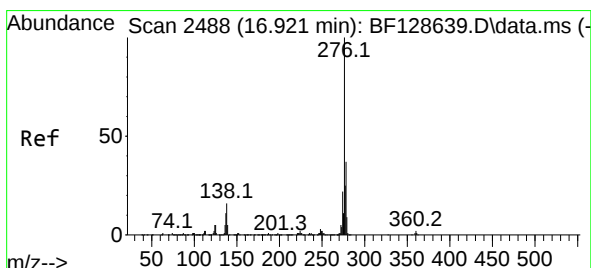
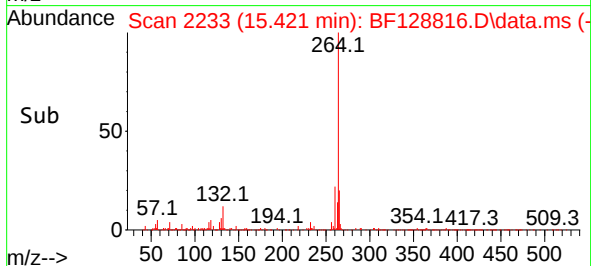
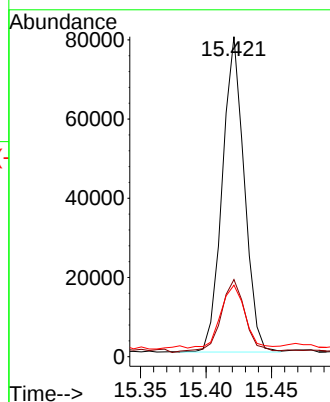
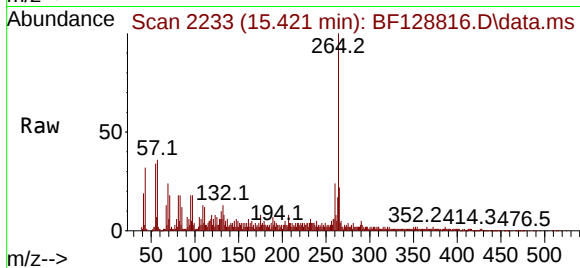
Tgt Ion:264 Resp: 92563

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 22.3 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.907 ng

RT: 16.862 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

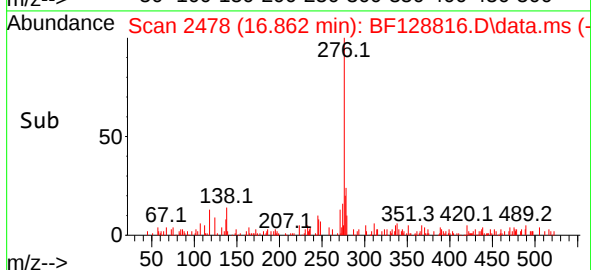
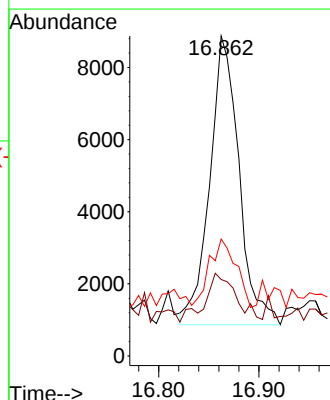
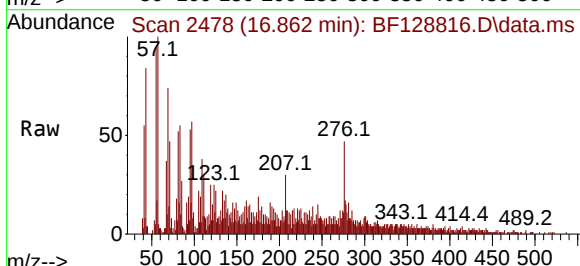
Tgt Ion:276 Resp: 16221

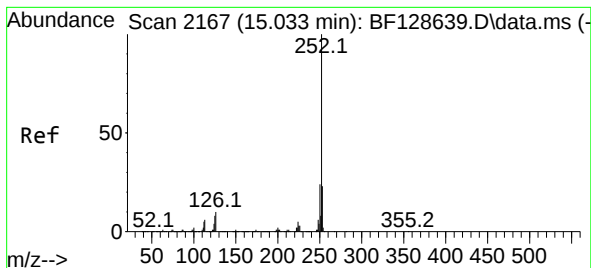
Ion Ratio Lower Upper

276 100

138 18.0 21.1 31.7#

277 21.9 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 8.441 ng

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

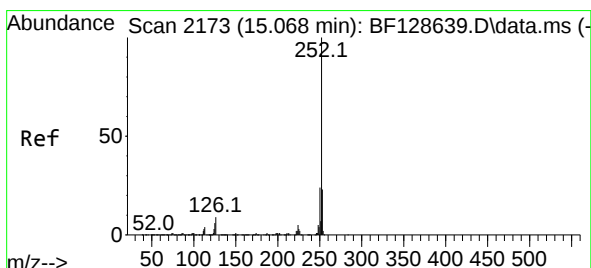
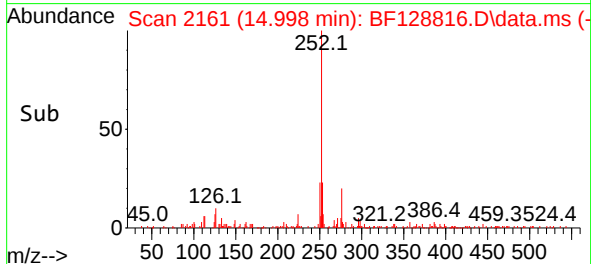
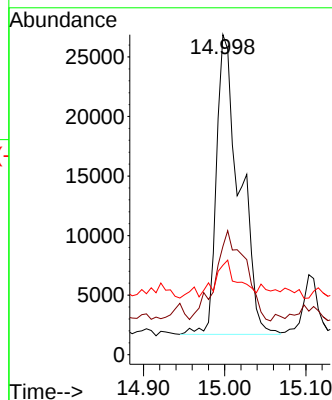
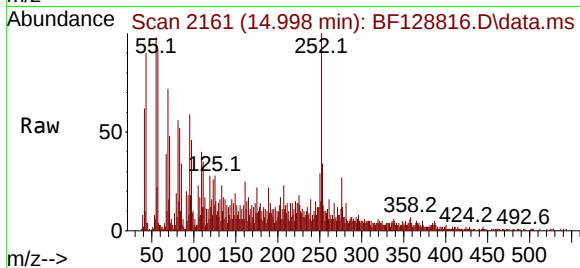
Tgt Ion:252 Resp: 49926

Ion Ratio Lower Upper

252 100

253 33.8 17.7 26.5#

125 28.0 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 8.973 ng

RT: 14.998 min Scan# 2161

Delta R.T. -0.030 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

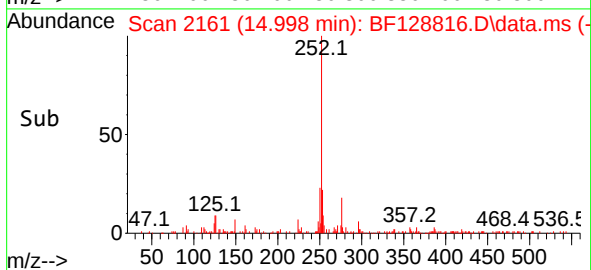
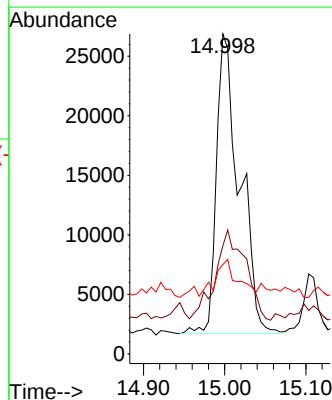
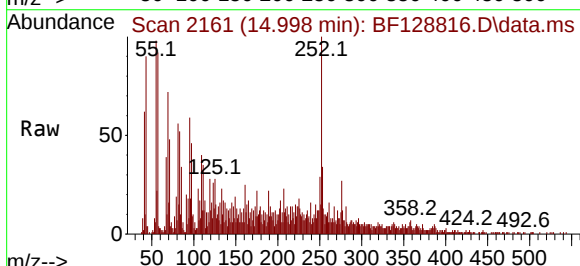
Tgt Ion:252 Resp: 49926

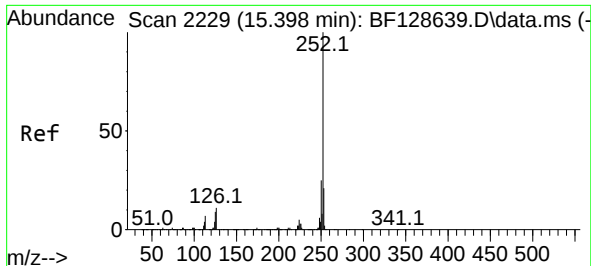
Ion Ratio Lower Upper

252 100

253 33.8 17.8 26.6#

125 28.0 8.3 12.5#

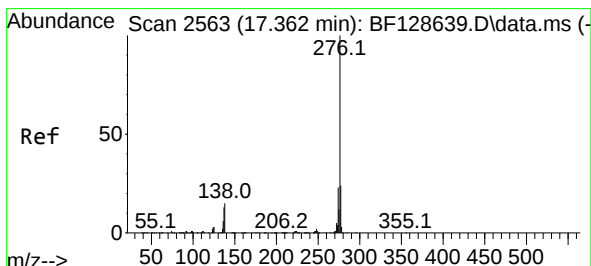
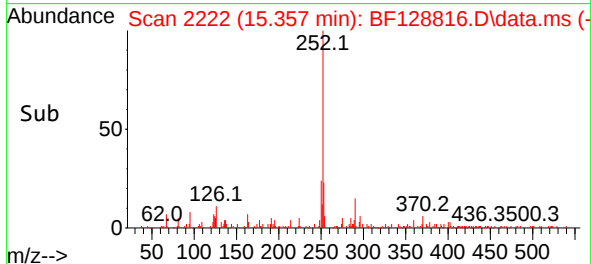
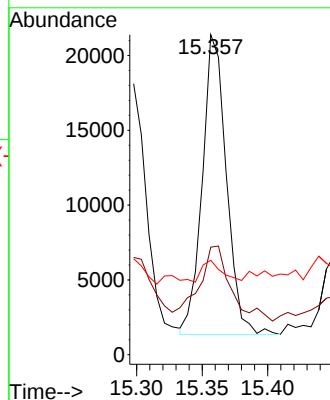
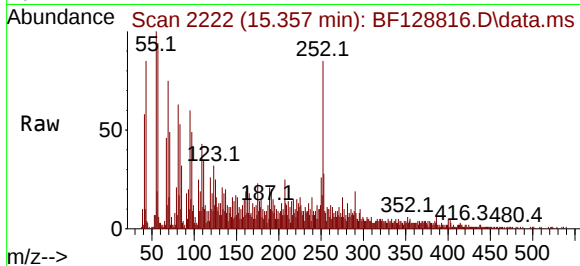




#90
Benzo(a)pyrene
Concen: 5.523 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

Tgt Ion:252 Resp: 25677
Ion Ratio Lower Upper
252 100
253 33.6 17.0 25.6#
125 29.5 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 3.014 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:276 Resp: 13822
Ion Ratio Lower Upper
276 100
277 36.4 19.1 28.7#
138 38.4 18.0 27.0#

