

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128182.D
 Acq On : 11 May 2022 01:44
 Operator : CG\JU
 Sample : N2749-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: May 11 04:03:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

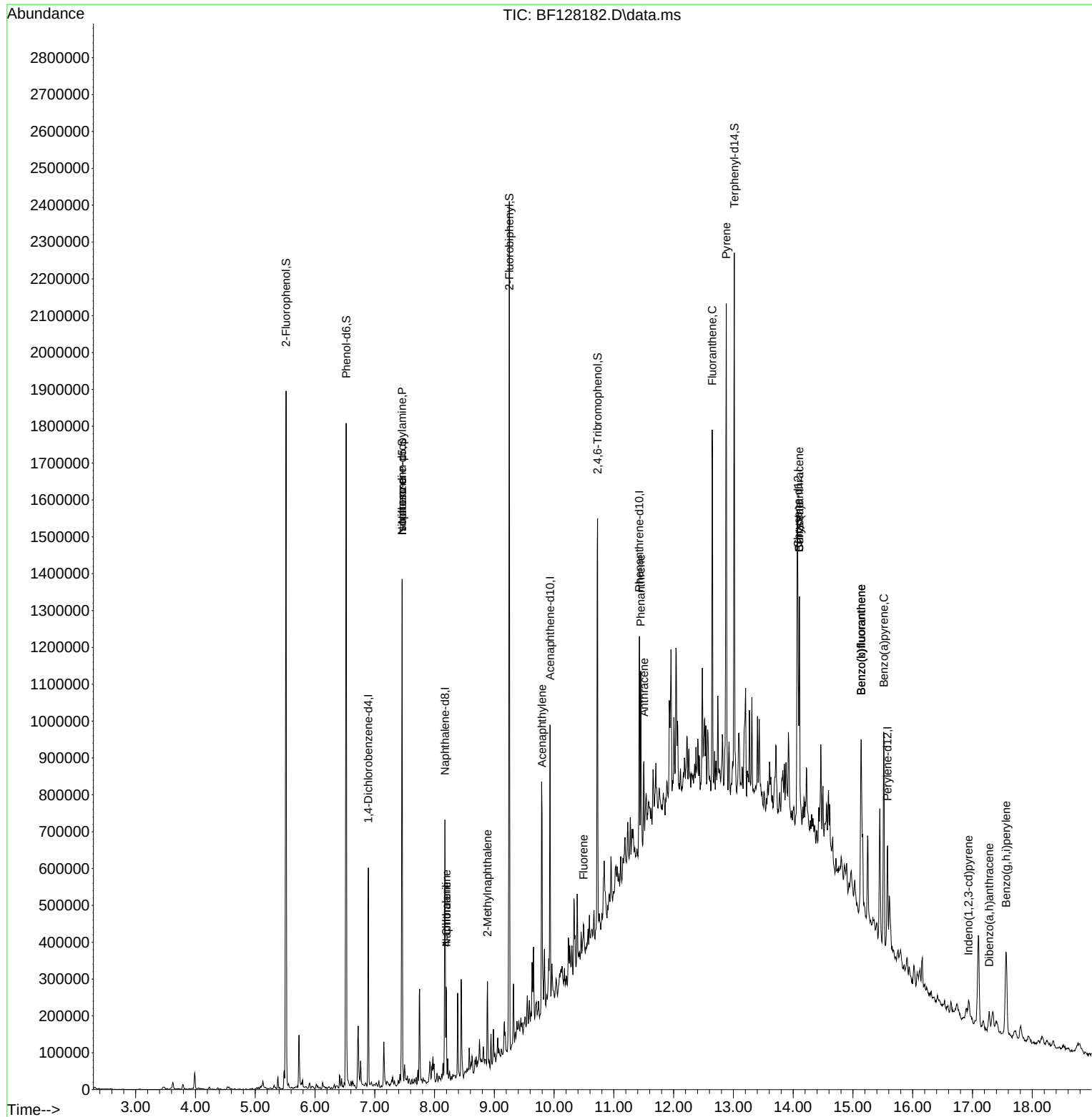
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	72722	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	271970	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	144638	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	203646	20.000	ng	0.00
76) Chrysene-d12	14.080	240	147744	20.000	ng	0.00
86) Perylene-d12	15.580	264	127901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	451711	99.019	ng	0.00
7) Phenol-d6	6.522	99	591441	98.022	ng	0.00
23) Nitrobenzene-d5	7.457	82	416605	68.926	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	131914	79.523	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	619872	67.058	ng	0.00
79) Terphenyl-d14	13.016	244	473469	60.133	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	2622	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.457	70	56274	15.145	ng	# 80
25) Isophorone	7.457	82	416089	43.910	ng	# 68
31) Naphthalene	8.198	128	97610	7.267	ng	99
33) 4-Chloroaniline	8.198	127	13505	2.533	ng	# 35
37) 2-Methylnaphthalene	8.886	142	31849	3.517	ng	93
49) Acenaphthylene	9.798	152	219927	18.631	ng	99
58) Fluorene	10.492	166	23842	2.634	ng	# 39
71) Phenanthrene	11.451	178	156193	15.403	ng	98
72) Anthracene	11.504	178	96138	9.496	ng	98
75) Fluoranthene	12.645	202	373064	33.934	ng	97
78) Pyrene	12.880	202	527261	49.218	ng	98
81) Benzo(a)anthracene	14.104	228	234739	24.875	ng	92
83) Chrysene	14.104	228	234739	26.070	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	34933	4.515	ng	95
88) Benzo(b)fluoranthene	15.139	252	369033	46.545	ng	98
89) Benzo(k)fluoranthene	15.139	252	369033	47.152	ng	96
90) Benzo(a)pyrene	15.515	252	263316	41.138	ng	98
91) Dibenzo(a,h)anthracene	17.280	278	37454	5.980	ng	95
92) Benzo(g,h,i)perylene	17.562	276	204604	32.261	ng	97

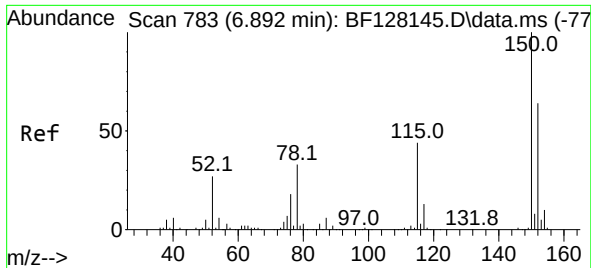
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: May 11 04:03:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

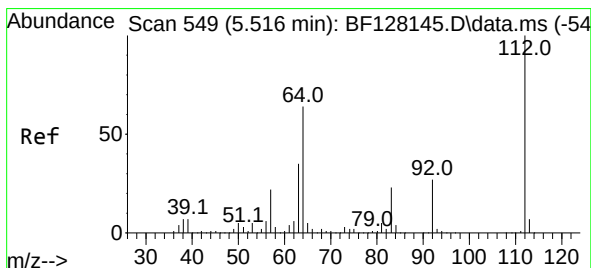
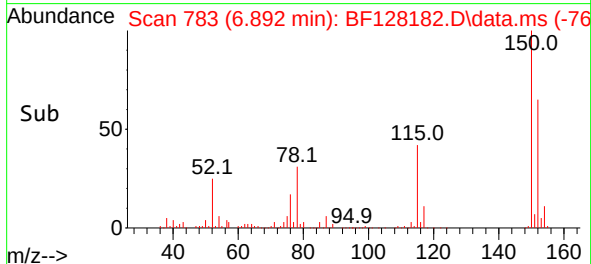
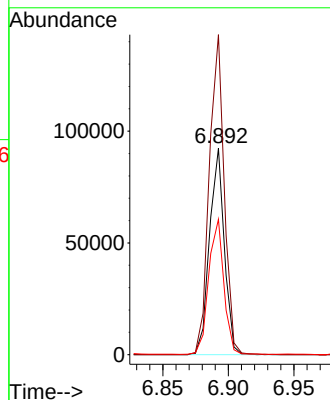
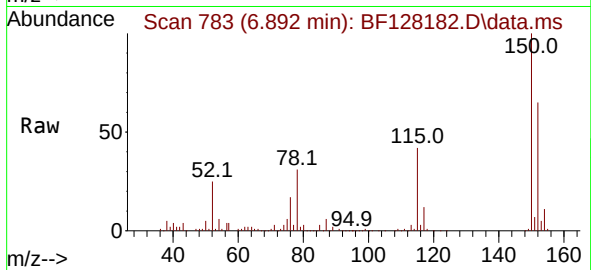




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128182.D
 Acq: 11 May 2022 01:44

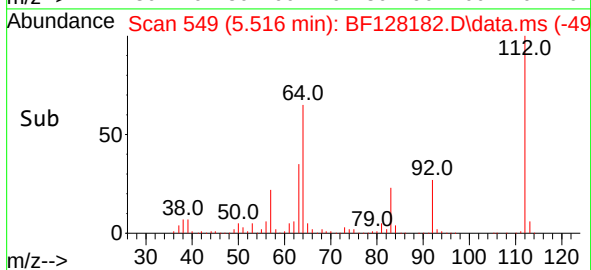
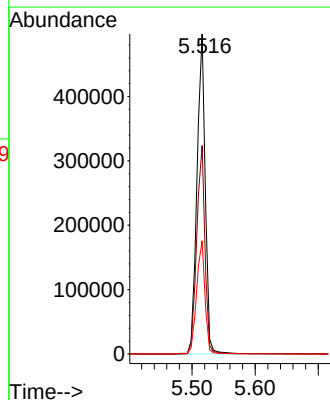
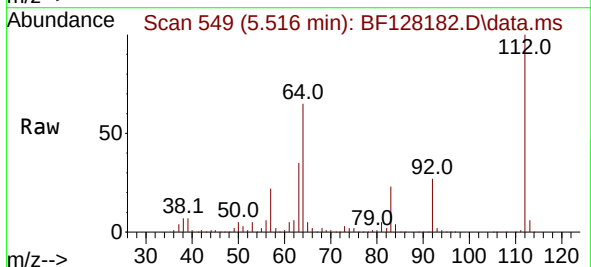
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

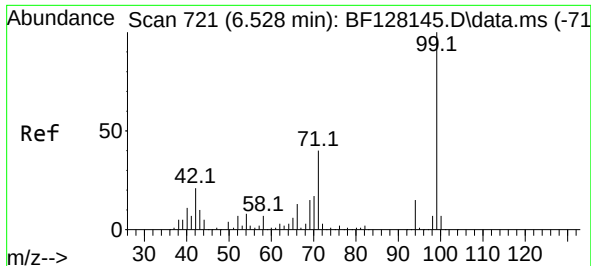
Tgt Ion:152 Resp: 72722
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.3 187.9
 115 65.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 99.019 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF128182.D
 Acq: 11 May 2022 01:44

Tgt Ion:112 Resp: 451711
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.5 74.3
 63 35.4 26.3 39.5

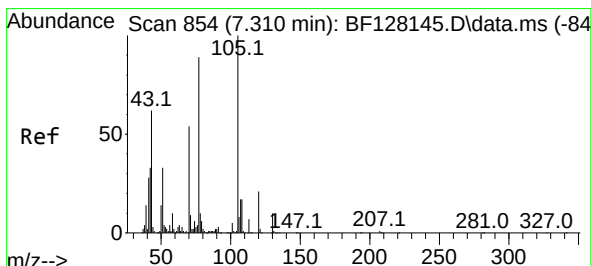
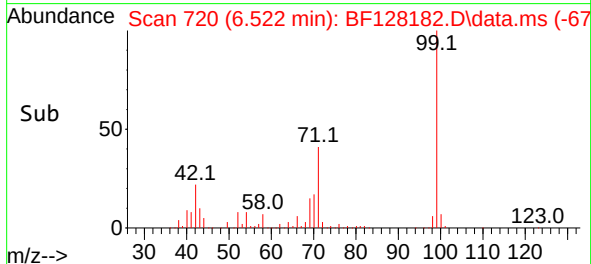
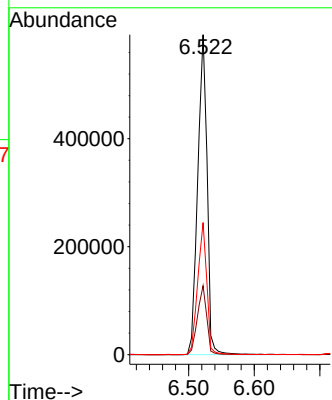
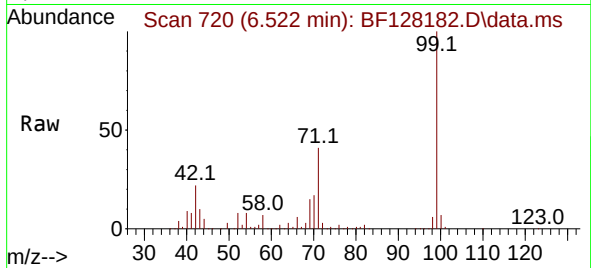




#7
Phenol-d6
Concen: 98.022 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

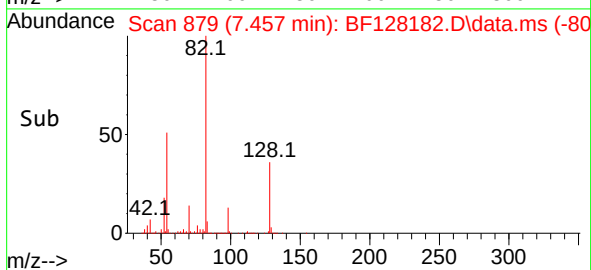
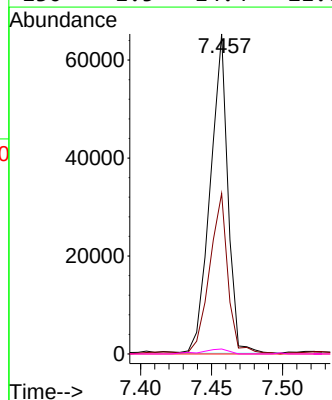
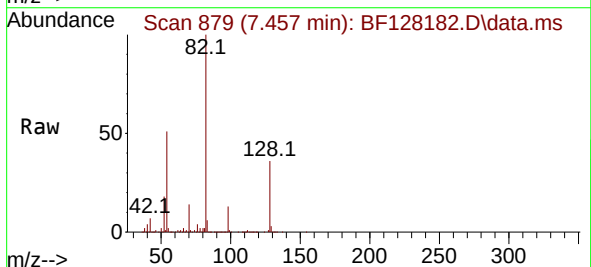
Instrument :
BNA_F
ClientSampleId :
TP-3

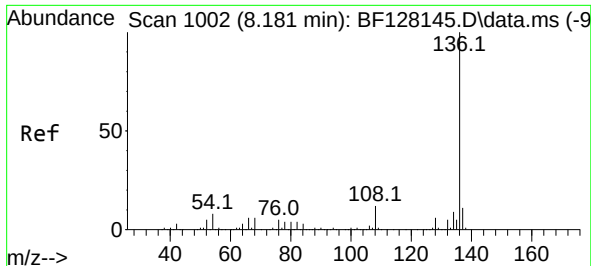
Tgt Ion: 99 Resp: 591441
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.145 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion: 70 Resp: 56274
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

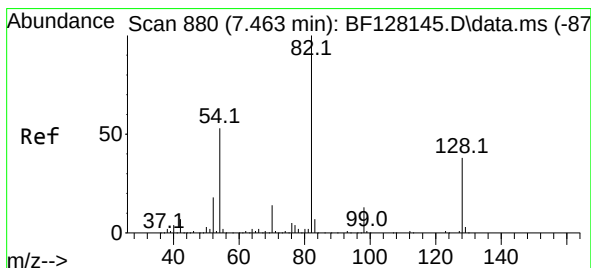
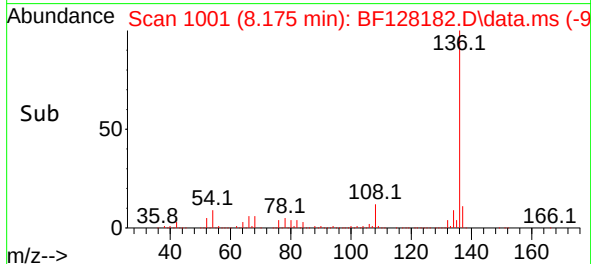
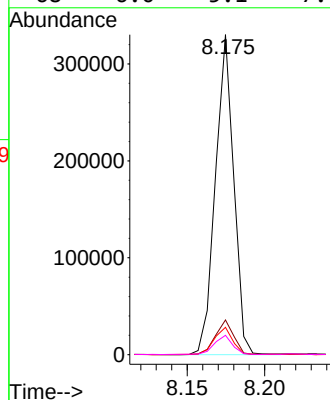
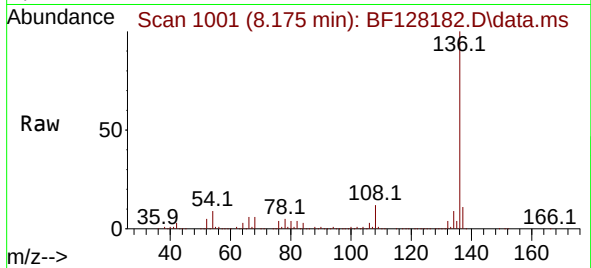




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

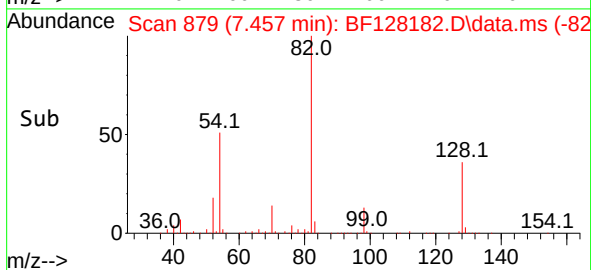
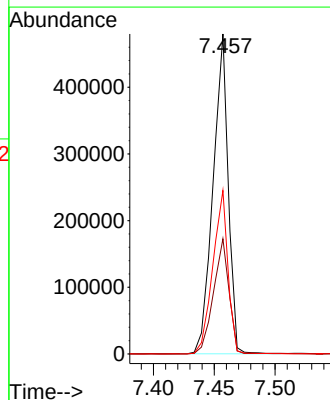
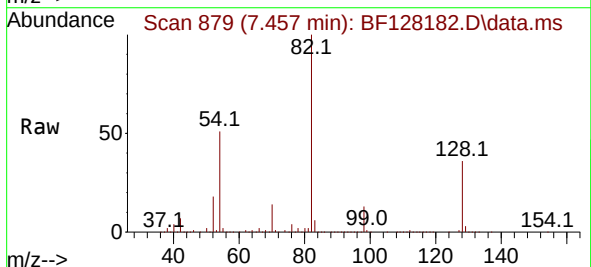
Instrument :
BNA_F
ClientSampleId :
TP-3

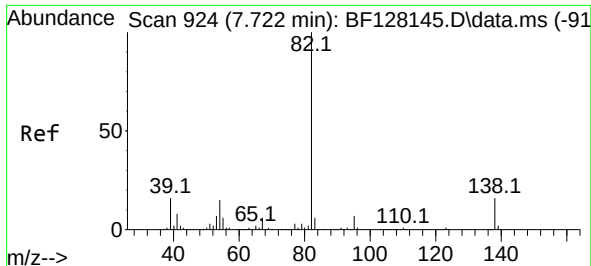
Tgt Ion:136 Resp: 271970
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.8 10.2
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 68.926 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion: 82 Resp: 416605
Ion Ratio Lower Upper
82 100
128 36.0 30.0 45.0
54 51.1 41.3 61.9

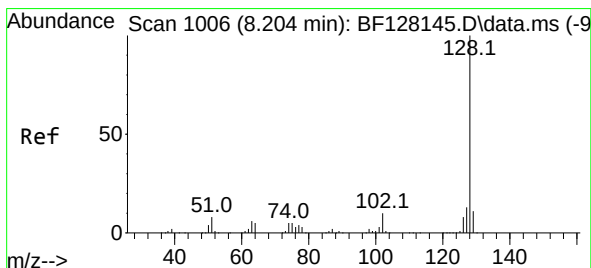
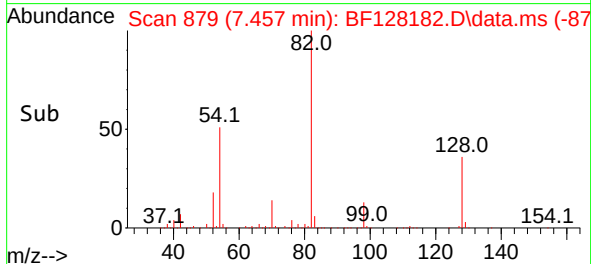
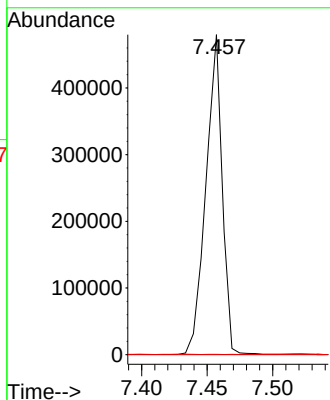
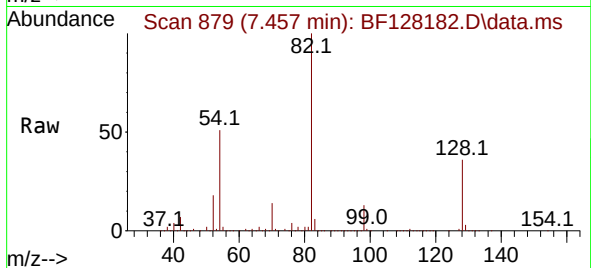




#25
Isophorone
Concen: 43.910 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

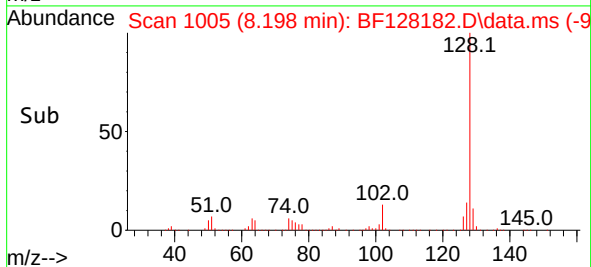
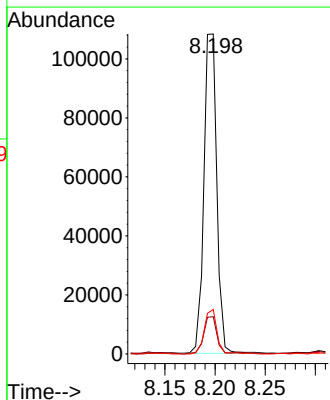
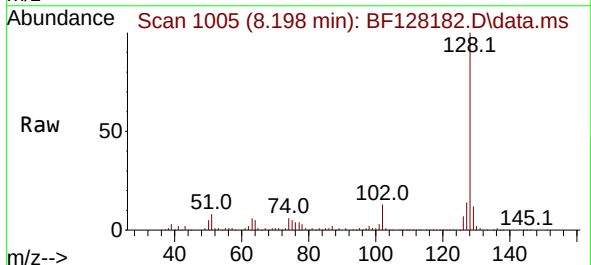
Instrument :
BNA_F
ClientSampleId :
TP-3

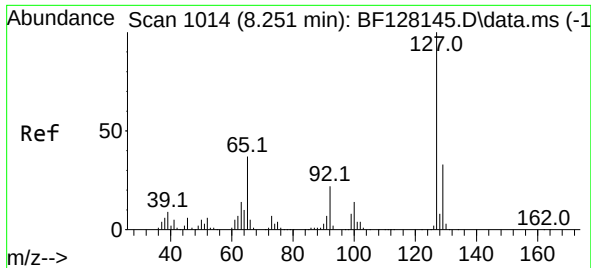
Tgt Ion: 82 Resp: 416089
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 7.267 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:128 Resp: 97610
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 10.6 16.0

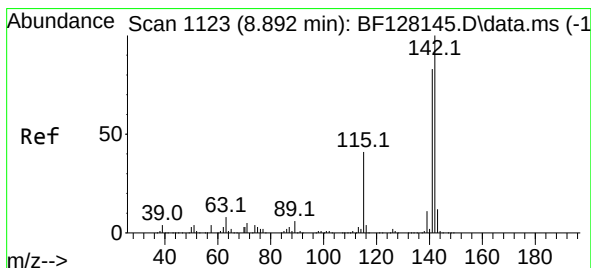
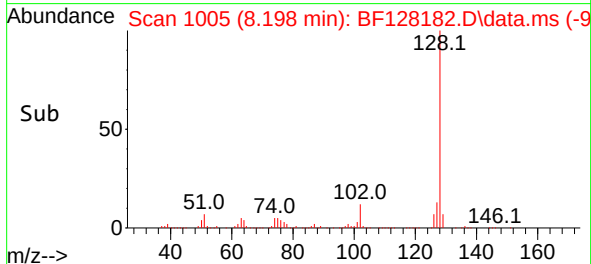
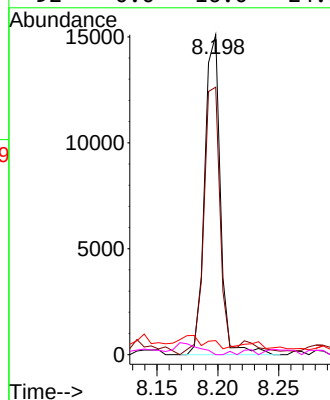
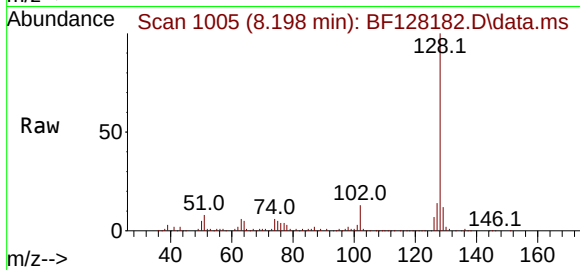




#33
4-Chloroaniline
Concen: 2.533 ng
RT: 8.198 min Scan# 1014
Delta R.T. -0.053 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

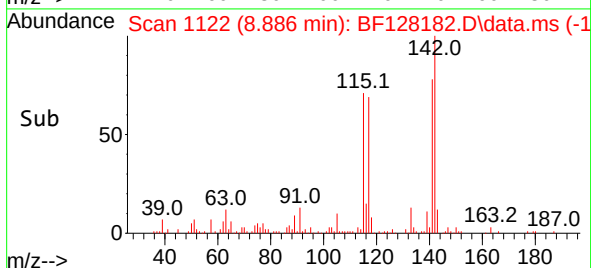
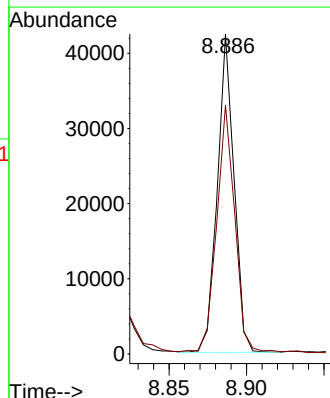
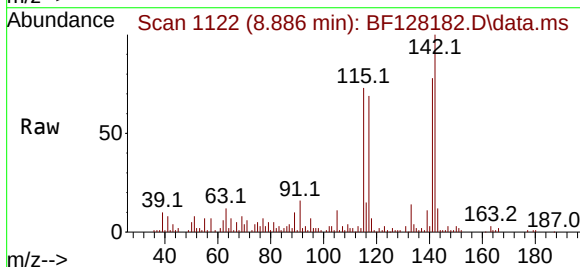
Instrument :
BNA_F
ClientSampleId :
TP-3

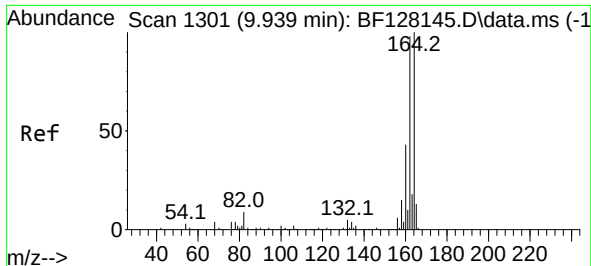
Tgt Ion:127	Resp:	13505
Ion Ratio	Lower	Upper
127	100	
129	83.6	25.8 38.8#
65	4.4	26.7 40.1#
92	0.0	16.0 24.0#



#37
2-Methylnaphthalene
Concen: 3.517 ng
RT: 8.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:142	Resp:	31849
Ion Ratio	Lower	Upper
142	100	
141	77.7	67.4 101.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

Instrument :

BNA_F

ClientSampleId :

TP-3

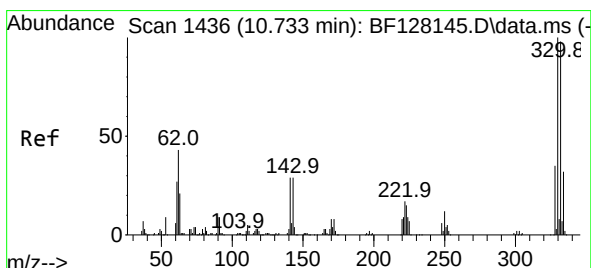
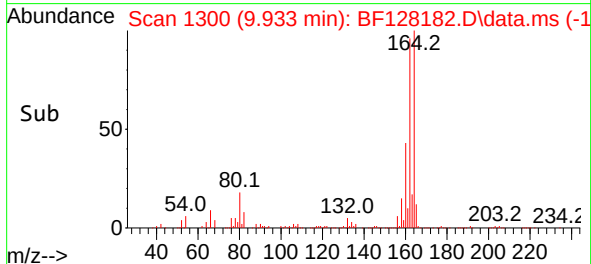
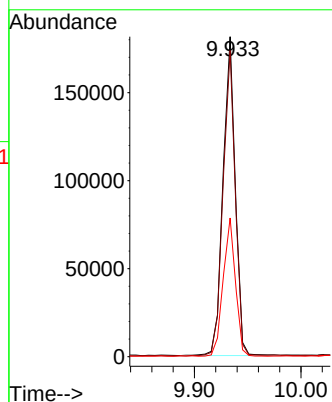
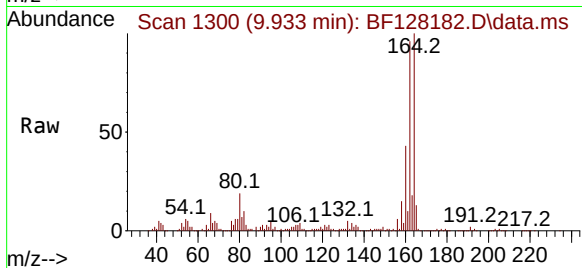
Tgt Ion:164 Resp: 144638

Ion Ratio Lower Upper

164 100

162 95.7 76.0 114.0

160 43.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 79.523 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

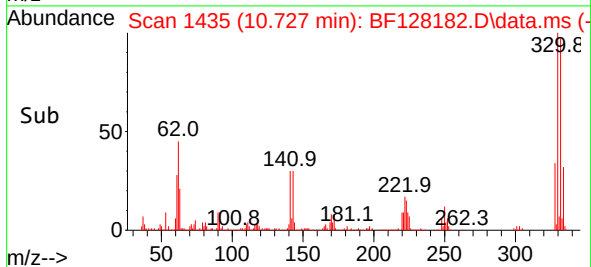
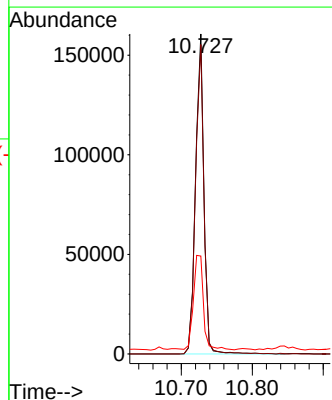
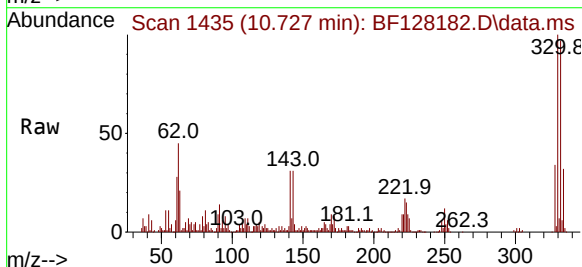
Tgt Ion:330 Resp: 131914

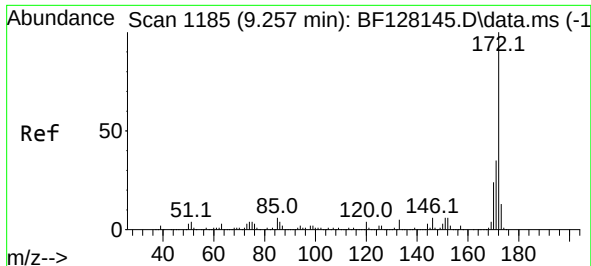
Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 35.0 28.9 43.3

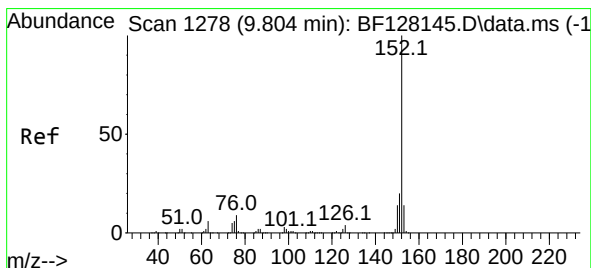
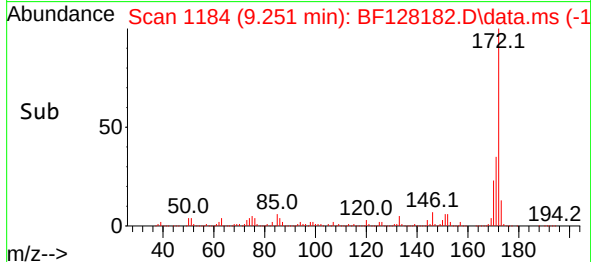
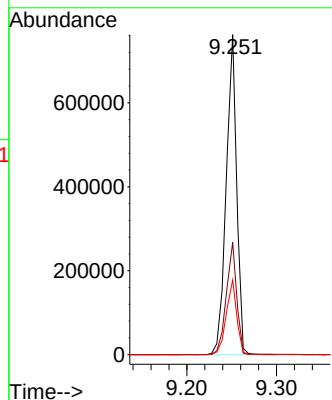
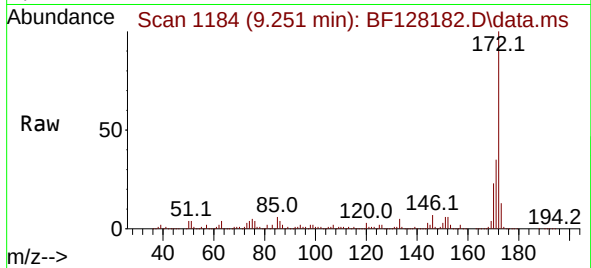




#45
2-Fluorobiphenyl
Concen: 67.058 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

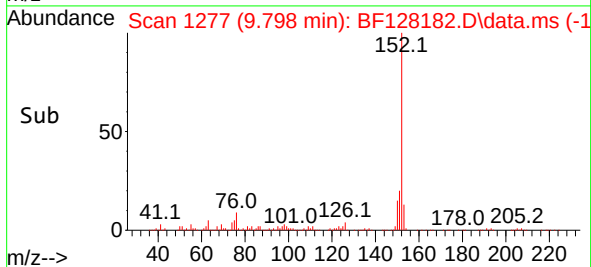
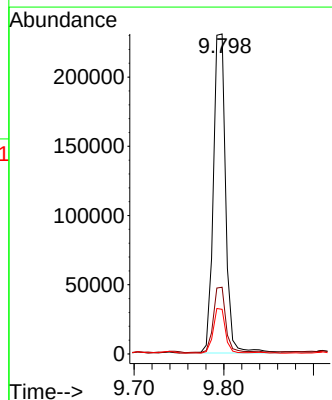
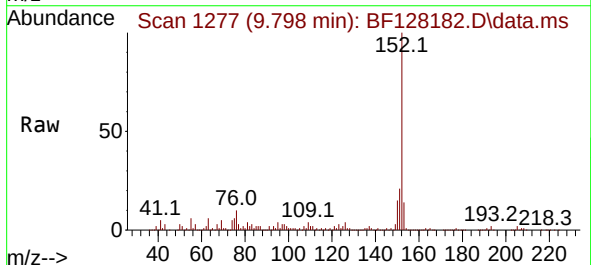
Instrument :
BNA_F
ClientSampleId :
TP-3

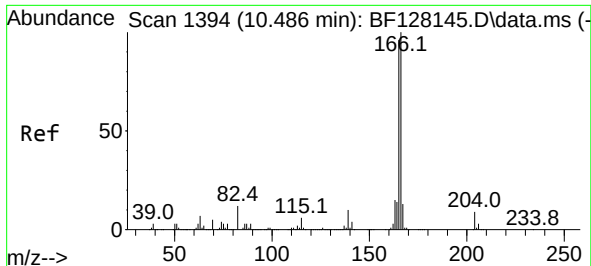
Tgt Ion:172 Resp: 619872
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 19.1 28.7



#49
Acenaphthylene
Concen: 18.631 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:152 Resp: 219927
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 13.9 11.2 16.8

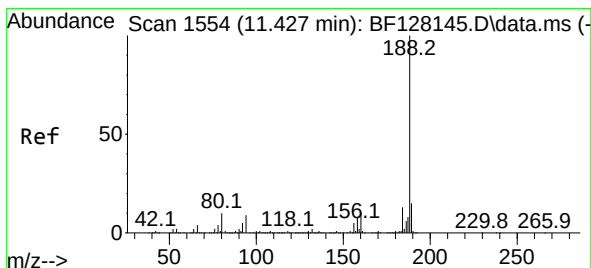
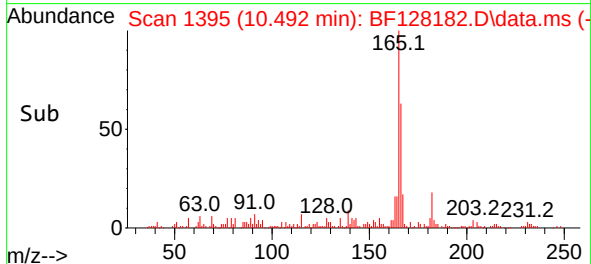
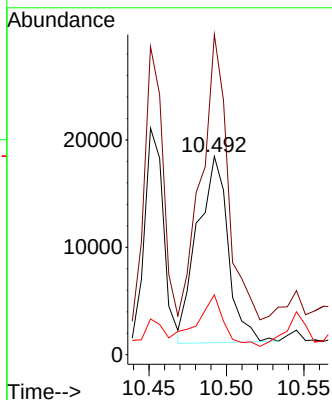
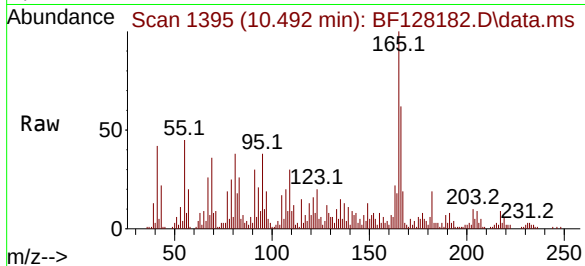




#58
 Fluorene
 Concen: 2.634 ng
 RT: 10.492 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF128182.D
 Acq: 11 May 2022 01:44

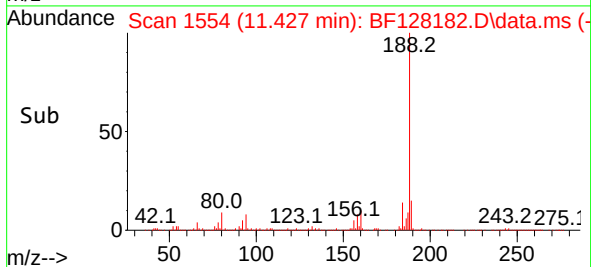
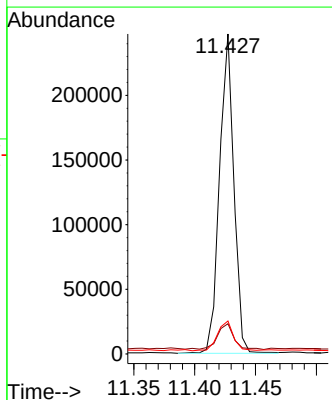
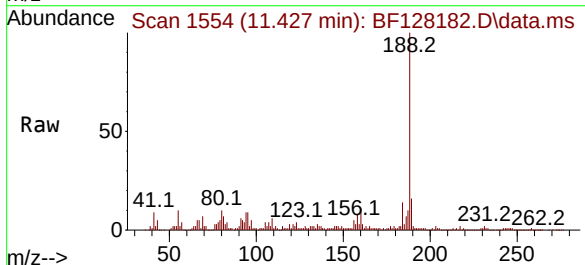
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

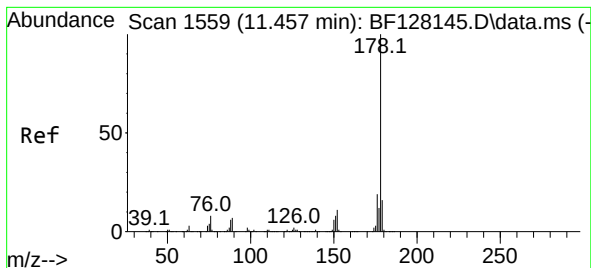
Tgt Ion:166 Resp: 23842
 Ion Ratio Lower Upper
 166 100
 165 161.5 78.6 117.8#
 167 30.2 10.5 15.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.427 min Scan# 1554
 Delta R.T. -0.000 min
 Lab File: BF128182.D
 Acq: 11 May 2022 01:44

Tgt Ion:188 Resp: 203646
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.3 8.9 13.3





#71

Phenanthrene

Concen: 15.403 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

Instrument :

BNA_F

ClientSampleId :

TP-3

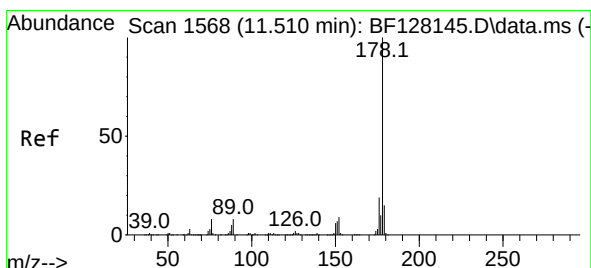
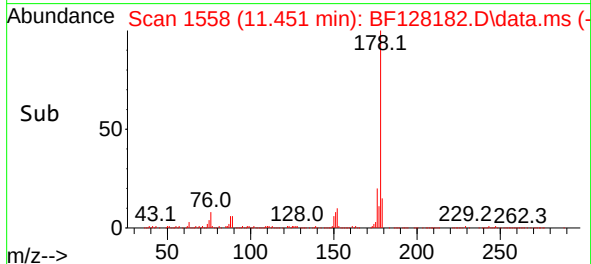
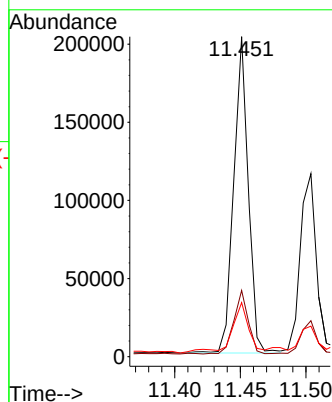
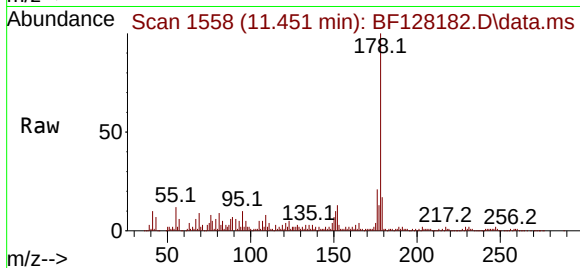
Tgt Ion:178 Resp: 156193

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

179 16.9 12.6 19.0



#72

Anthracene

Concen: 9.496 ng

RT: 11.504 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

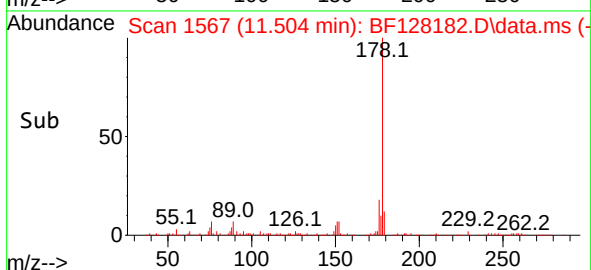
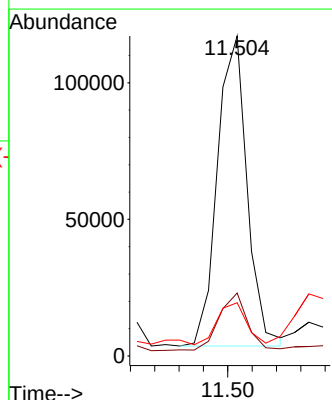
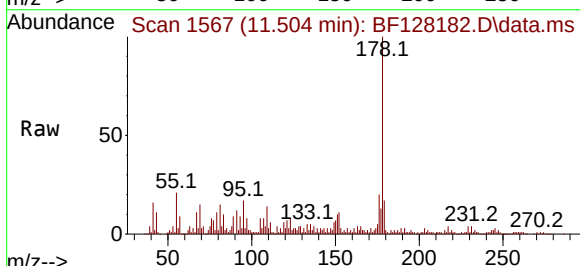
Tgt Ion:178 Resp: 96138

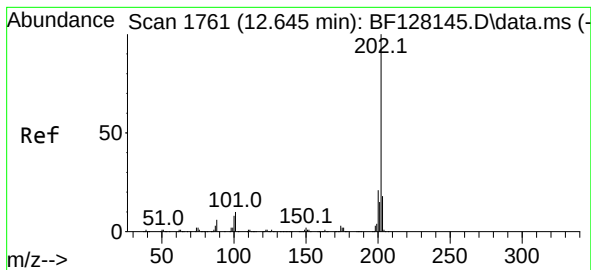
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.6

179 16.7 12.4 18.6

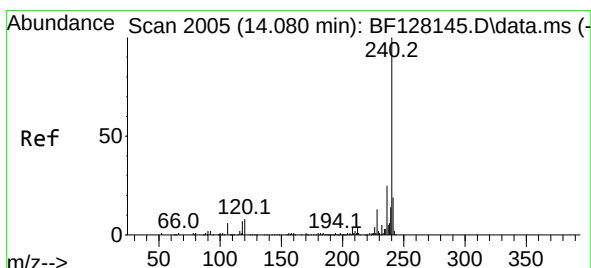
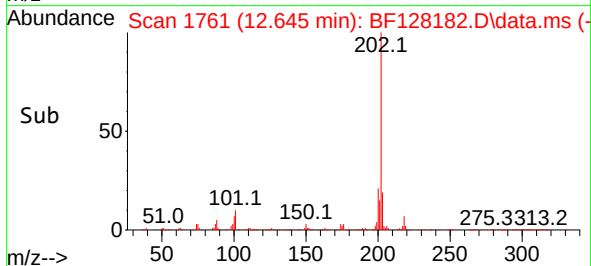
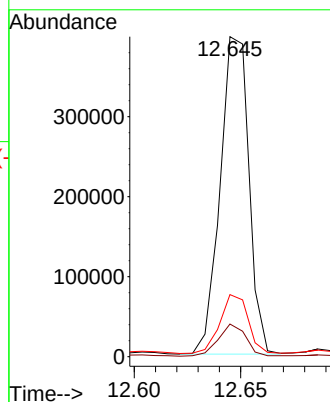
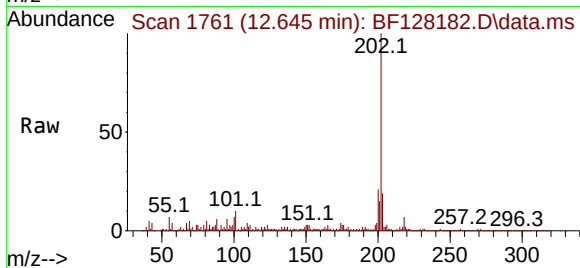




#75
Fluoranthene
Concen: 33.934 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

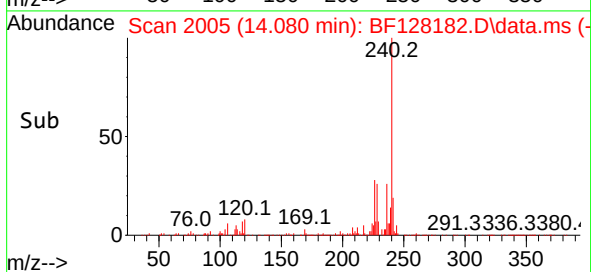
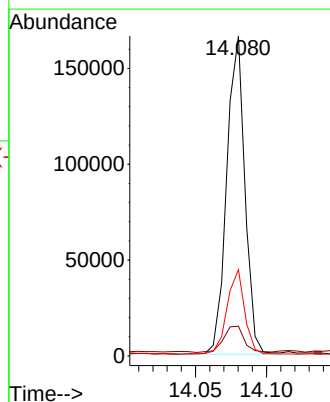
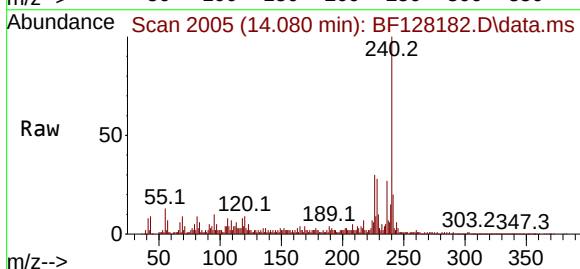
Instrument :
BNA_F
ClientSampleId :
TP-3

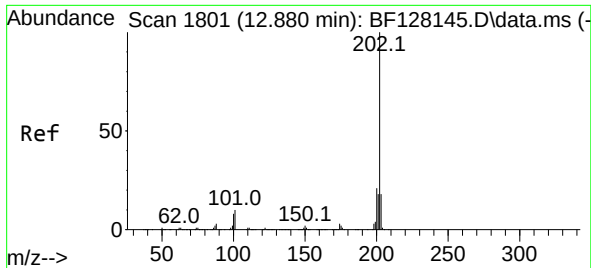
Tgt Ion:202 Resp: 373064
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.6
203 19.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:240 Resp: 147744
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.9 20.3 30.5

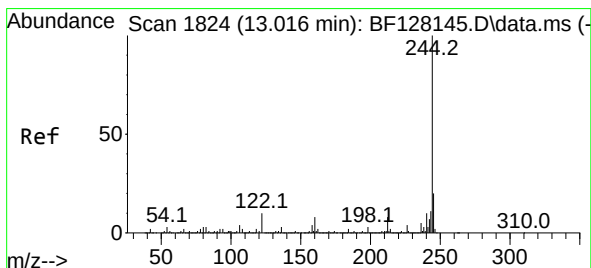
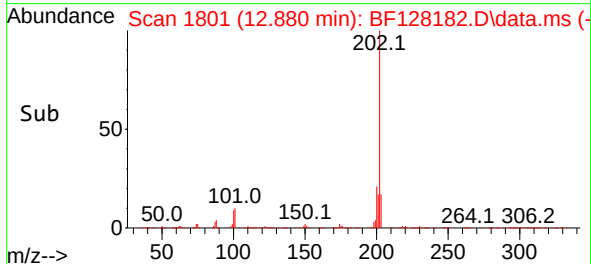
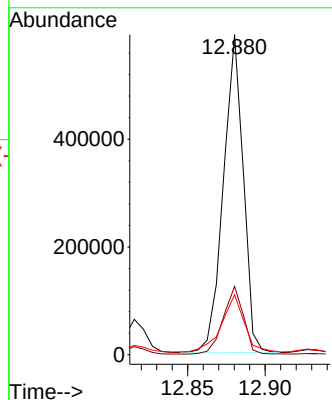
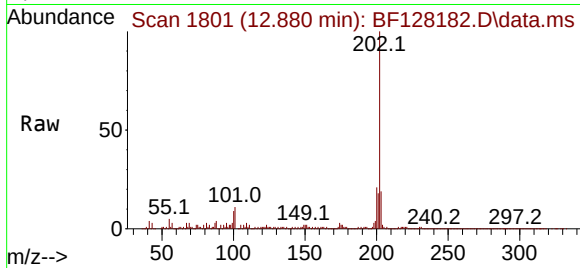




#78
Pyrene
Concen: 49.218 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

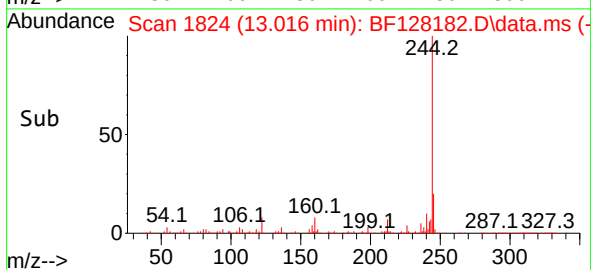
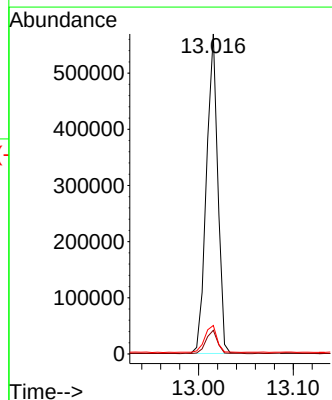
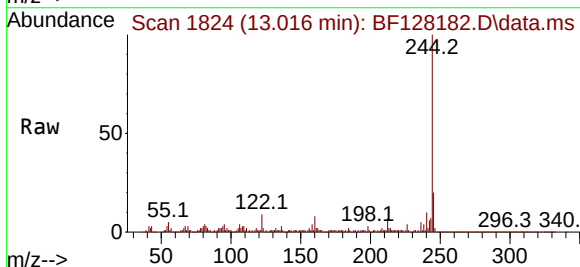
Instrument :
BNA_F
ClientSampleId :
TP-3

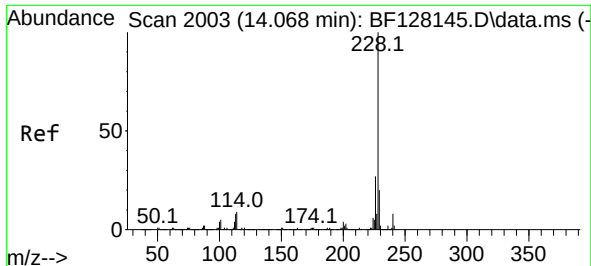
Tgt Ion:202 Resp: 527261
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.8 14.0 21.0



#79
Terphenyl-d14
Concen: 60.133 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:244 Resp: 473469
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.9 8.6 12.8

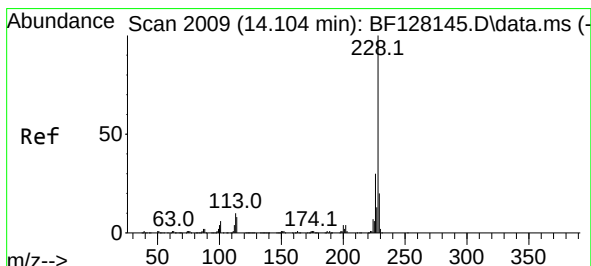
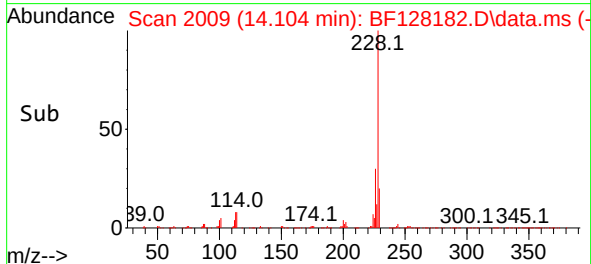
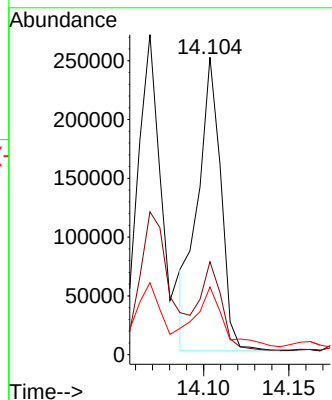
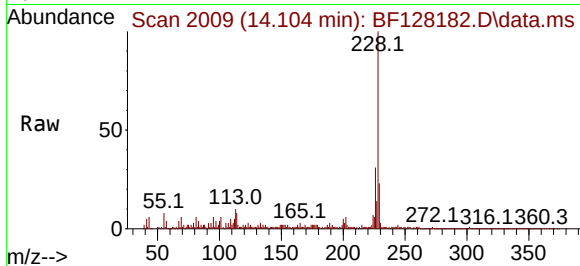




#81
Benzo(a)anthracene
Concen: 24.875 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.035 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

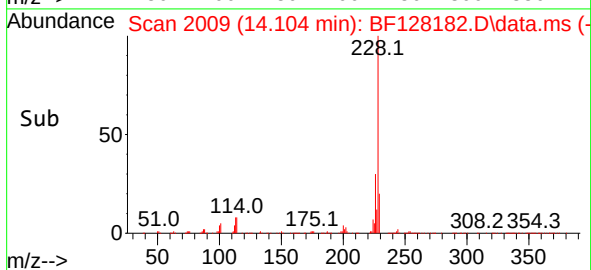
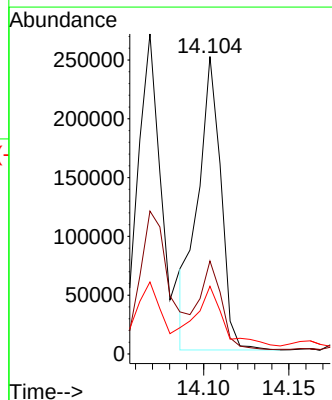
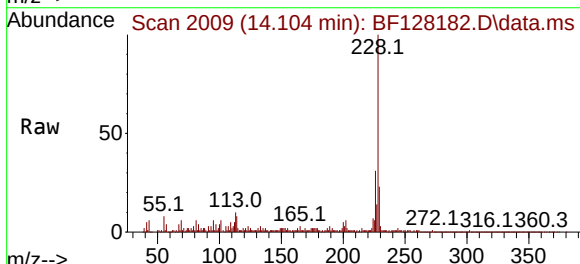
Instrument :
BNA_F
ClientSampleId :
TP-3

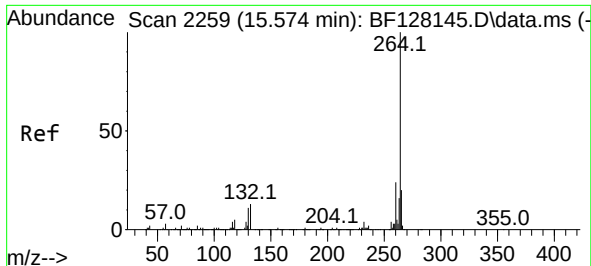
Tgt Ion:228 Resp: 234739
Ion Ratio Lower Upper
228 100
226 31.3 21.7 32.5
229 22.7 15.4 23.2



#83
Chrysene
Concen: 26.070 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:228 Resp: 234739
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 22.7 15.8 23.8

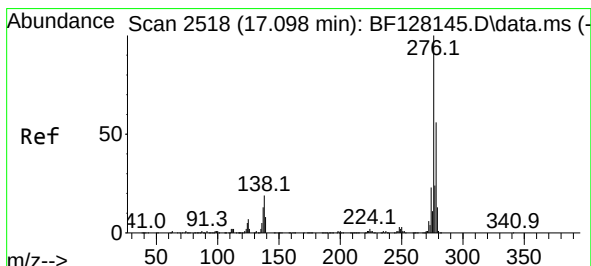
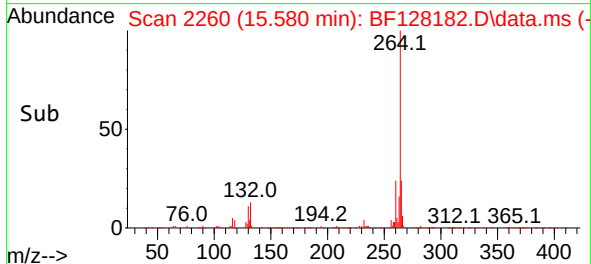
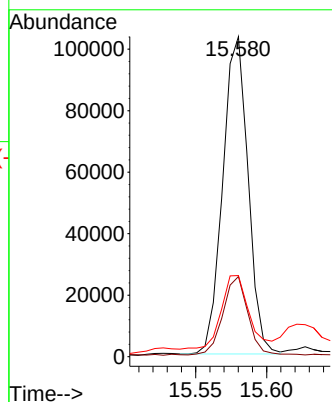
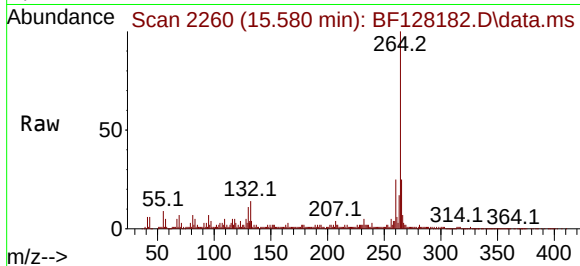




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

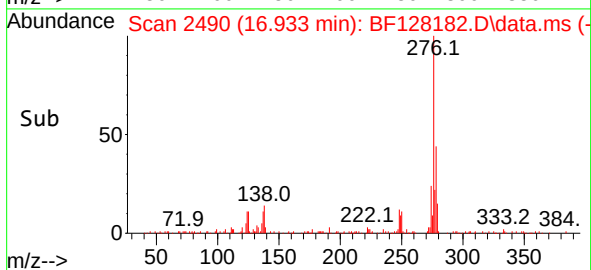
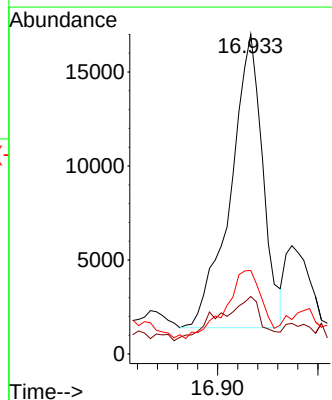
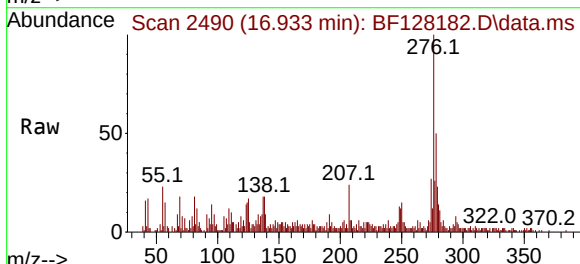
Instrument :
BNA_F
ClientSampleId :
TP-3

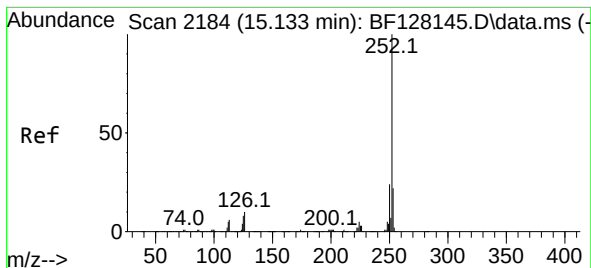
Tgt Ion:264 Resp: 127901
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 25.4 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.515 ng
RT: 16.933 min Scan# 2490
Delta R.T. -0.165 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:276 Resp: 34933
Ion Ratio Lower Upper
276 100
138 19.9 19.0 28.4
277 25.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 46.545 ng

RT: 15.139 min Scan# 2184

Delta R.T. 0.006 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

Instrument :

BNA_F

ClientSampleId :

TP-3

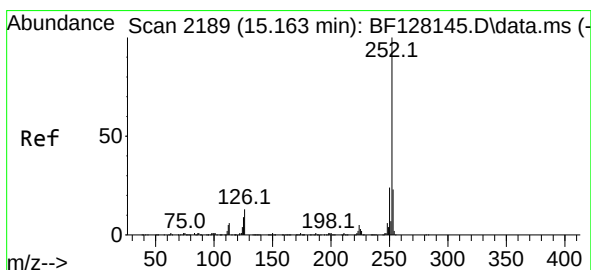
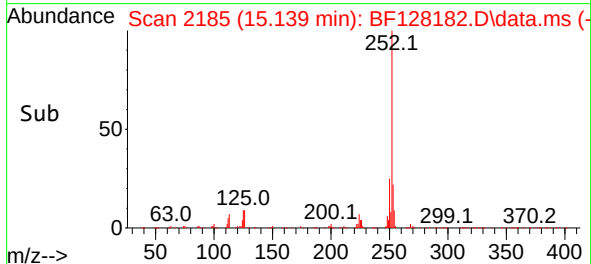
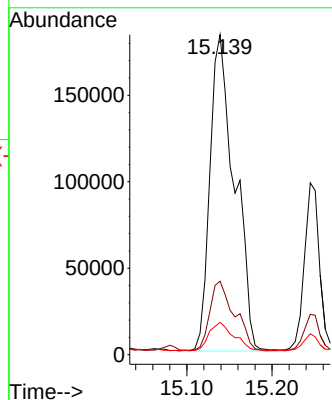
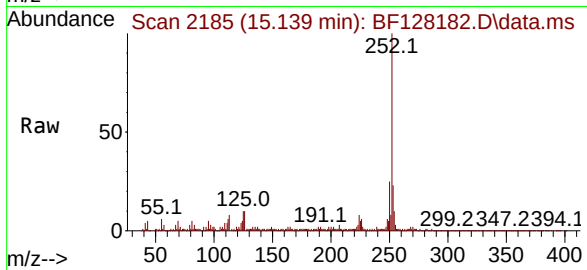
Tgt Ion:252 Resp: 369033

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.1 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 47.152 ng

RT: 15.139 min Scan# 2185

Delta R.T. -0.024 min

Lab File: BF128182.D

Acq: 11 May 2022 01:44

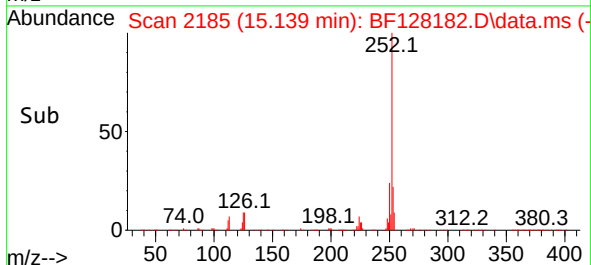
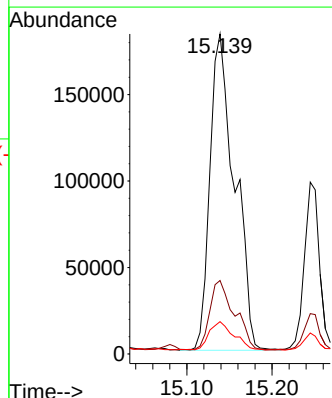
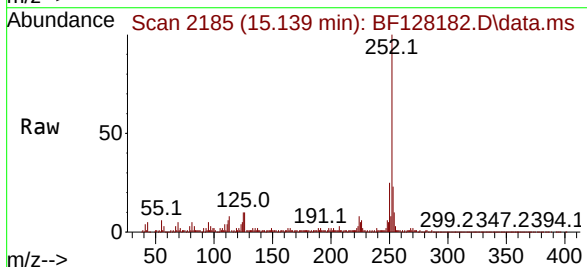
Tgt Ion:252 Resp: 369033

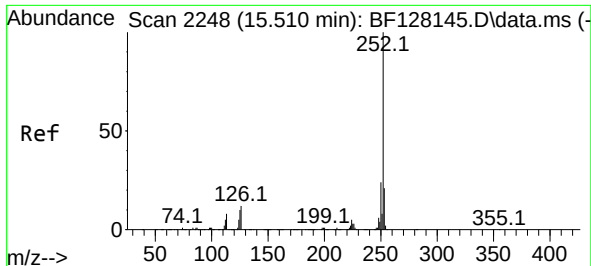
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 10.1 6.8 10.2

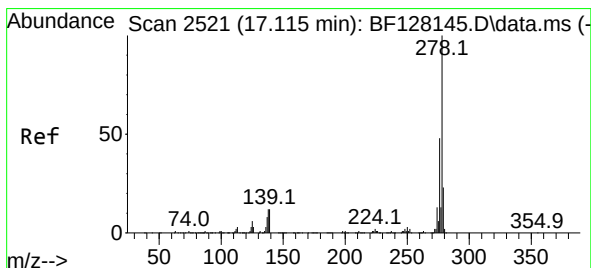
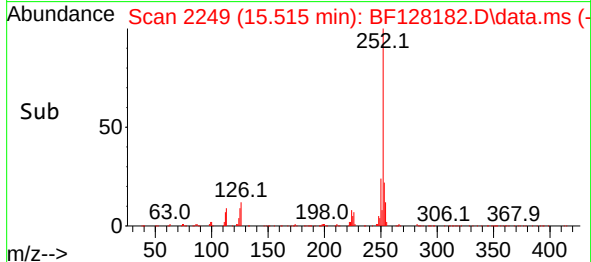
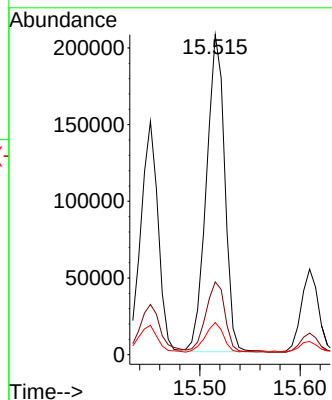
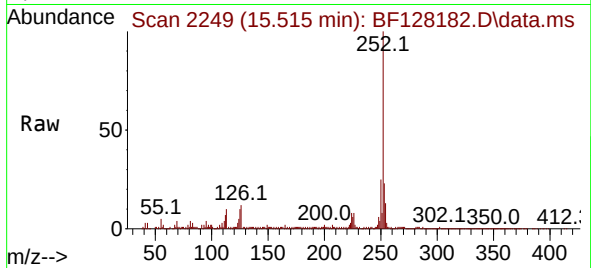




#90
Benzo(a)pyrene
Concen: 41.138 ng
RT: 15.515 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

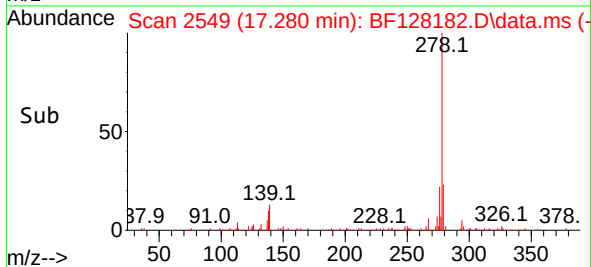
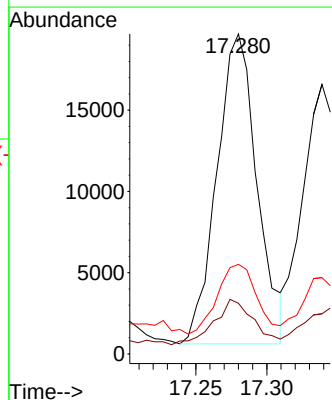
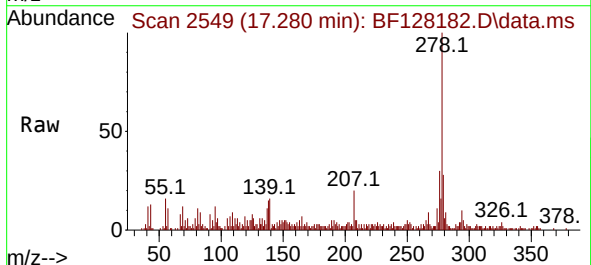
Instrument :
BNA_F
ClientSampleId :
TP-3

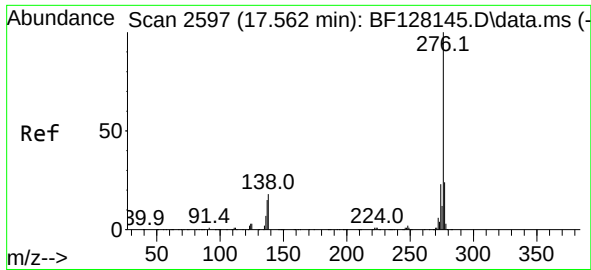
Tgt Ion:252 Resp: 263316
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.1 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 5.980 ng
RT: 17.280 min Scan# 2549
Delta R.T. 0.165 min
Lab File: BF128182.D
Acq: 11 May 2022 01:44

Tgt Ion:278 Resp: 37454
Ion Ratio Lower Upper
278 100
139 15.8 12.6 19.0
279 28.0 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 32.261 ng

RT: 17.562 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128182.D

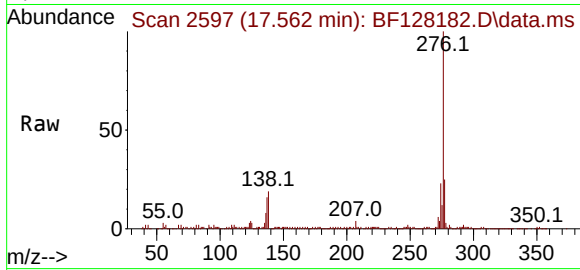
Acq: 11 May 2022 01:44

Instrument :

BNA_F

ClientSampleId :

TP-3



Tgt Ion:276 Resp: 204604

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 18.8 16.2 24.2

