

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130418.D
 Acq On : 26 Sep 2022 20:56
 Operator : CG\JU
 Sample : N4809-07 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

Quant Time: Sep 27 01:08:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

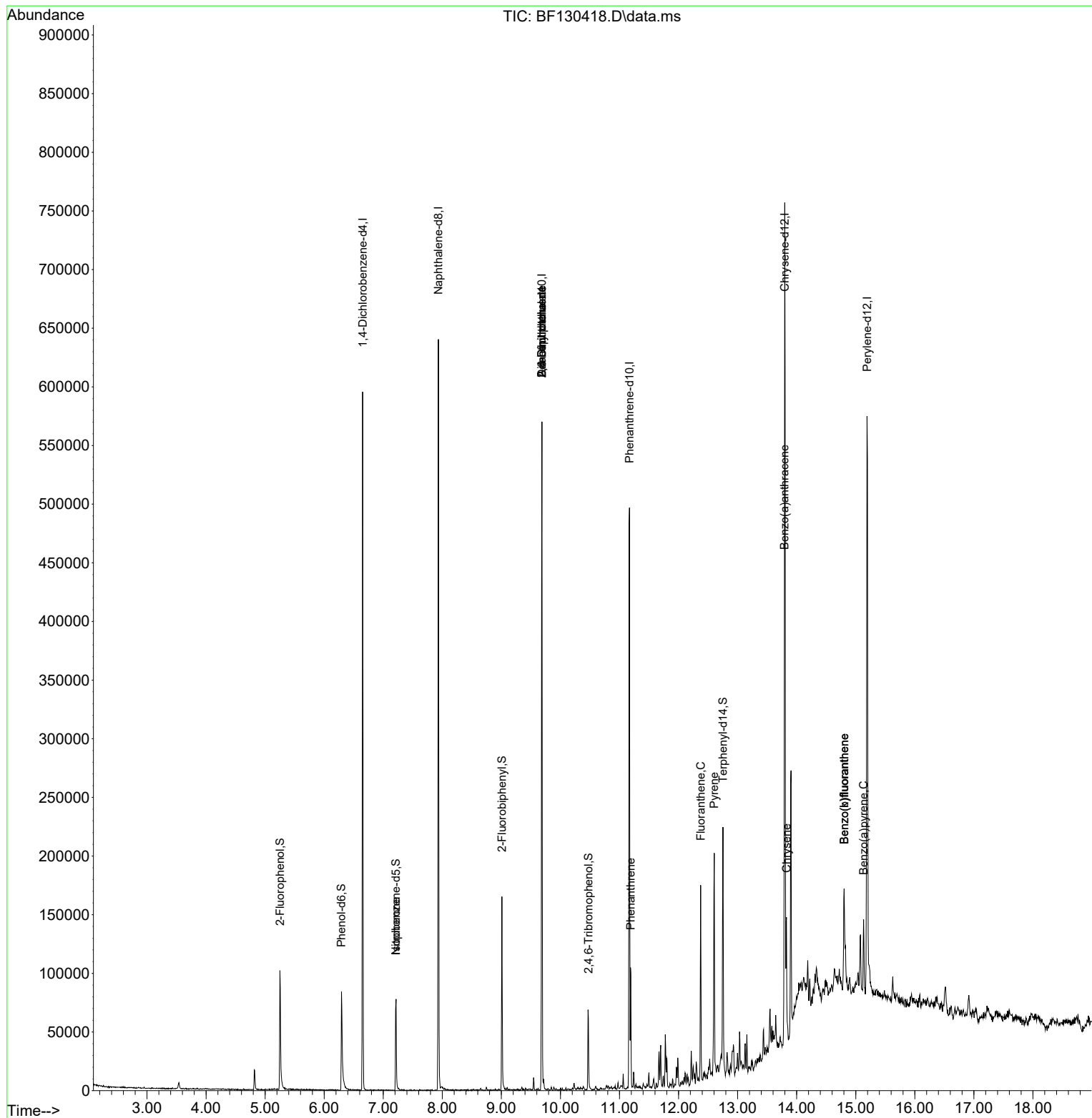
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	78400	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	247587	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	109137	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	189804	20.000	ng	0.00
76) Chrysene-d12	13.798	240	216893	20.000	ng	0.00
86) Perylene-d12	15.192	264	204909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	34607	7.656	ng	0.00
7) Phenol-d6	6.293	99	41006	7.250	ng	0.00
23) Nitrobenzene-d5	7.216	82	25726	5.308	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	8605	8.229	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	47173	6.294	ng	0.00
79) Terphenyl-d14	12.751	244	57793	4.414	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.216	82	25730	3.294	ng	# 66
50) Dimethylphthalate	9.686	163	20392	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	14805	9.390	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	14805	7.348	ng	# 16
71) Phenanthrene	11.192	178	36041	3.382	ng	99
75) Fluoranthene	12.374	202	56638	5.500	ng	96
78) Pyrene	12.604	202	73654	3.882	ng	97
81) Benzo(a)anthracene	13.792	228	35171	2.438	ng	94
83) Chrysene	13.827	228	40418	2.950	ng	96
88) Benzo(b)fluoranthene	14.804	252	52992	3.962	ng	98
89) Benzo(k)fluoranthene	14.804	252	52992	4.028	ng	97
90) Benzo(a)pyrene	15.133	252	27656	2.610	ng	99

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

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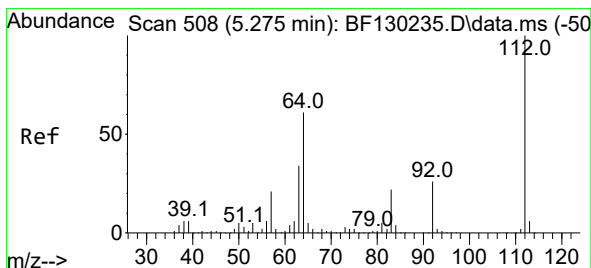
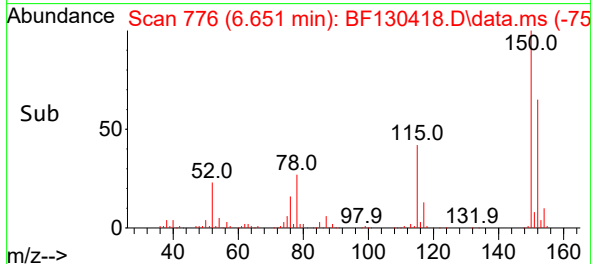
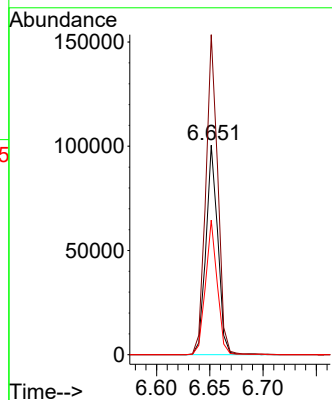
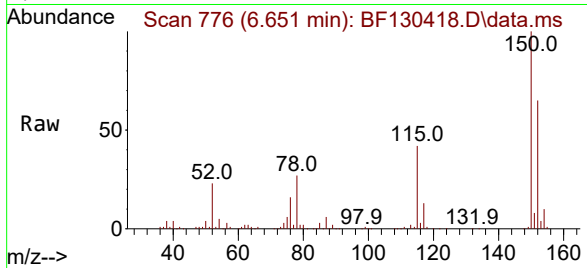




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

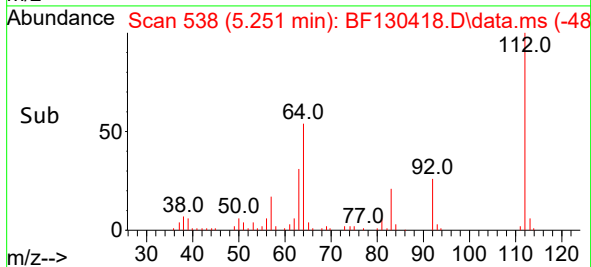
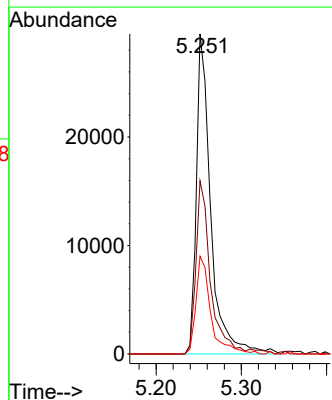
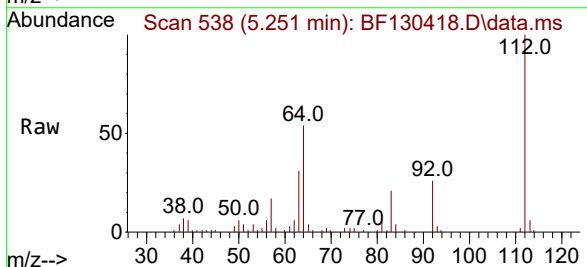
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

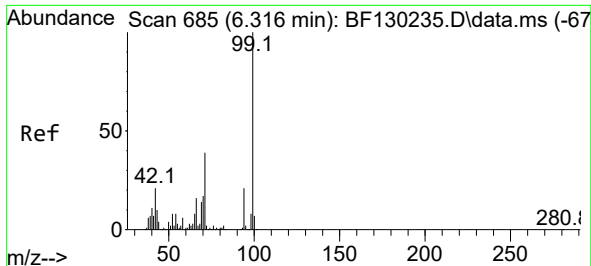
Tgt Ion:152 Resp: 78400
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.8 184.2
 115 64.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 7.656 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

Tgt Ion:112 Resp: 34607
 Ion Ratio Lower Upper
 112 100
 64 54.1 51.4 77.0
 63 30.6 28.8 43.2

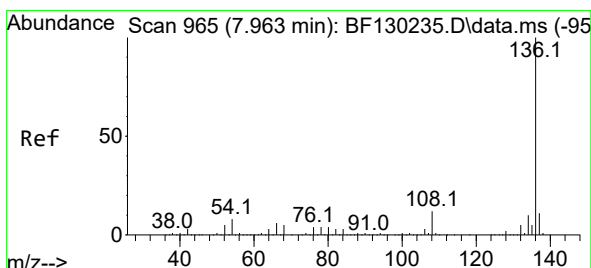
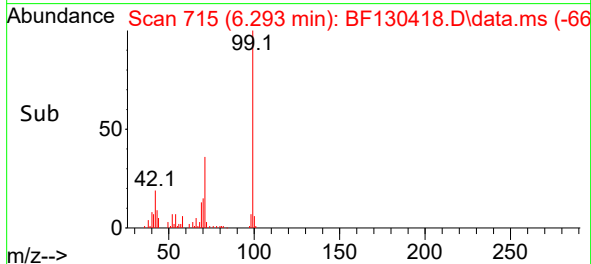
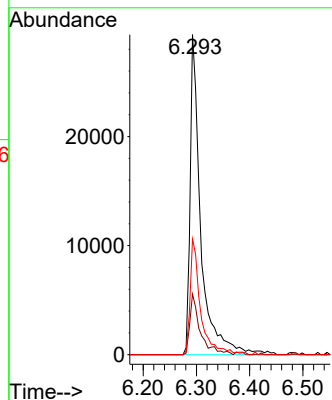
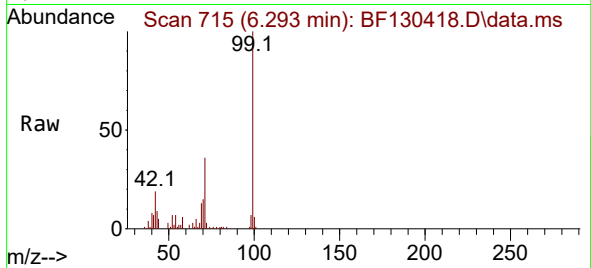




#7
Phenol-d6
Concen: 7.250 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

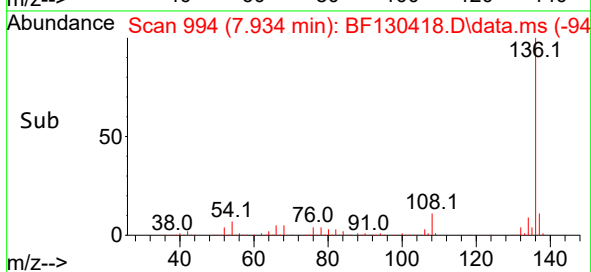
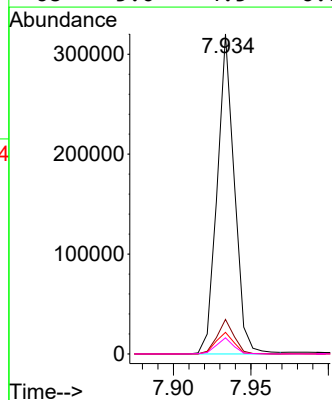
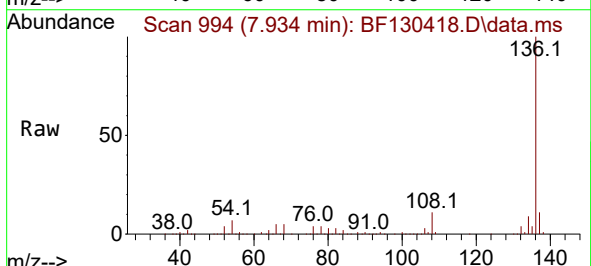
Instrument :
BNA_F
ClientSampleId :
TP3-0923

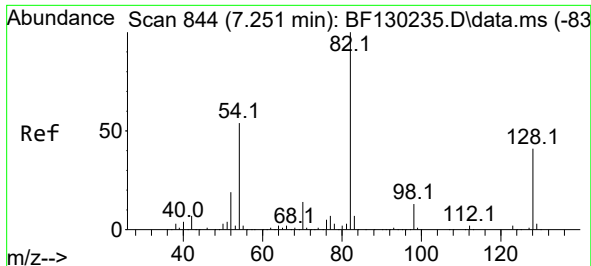
Tgt Ion: 99 Resp: 41006
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 36.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion: 136 Resp: 247587
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.8 7.1 10.7#
68 5.0 4.5 6.7

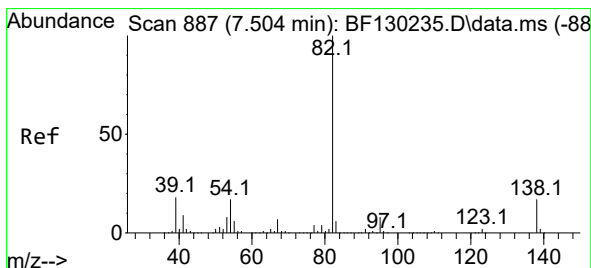
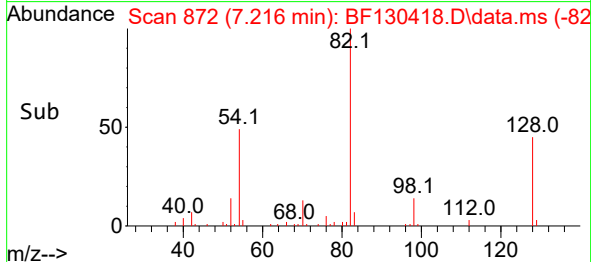
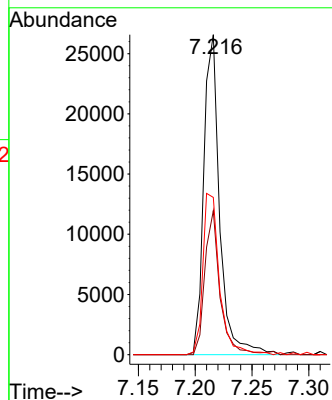
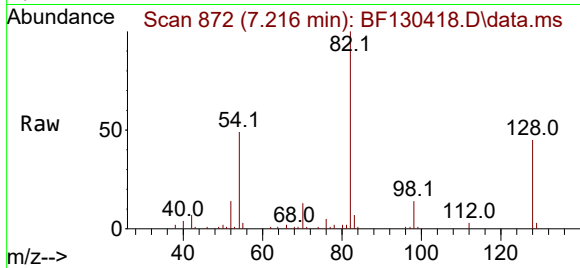




#23
Nitrobenzene-d5
Concen: 5.308 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

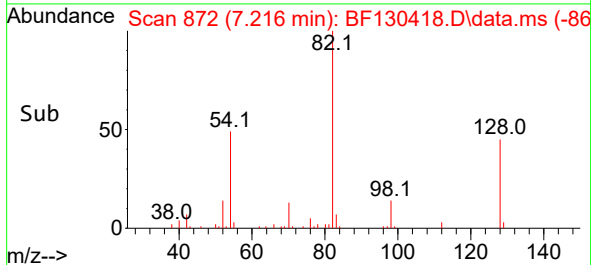
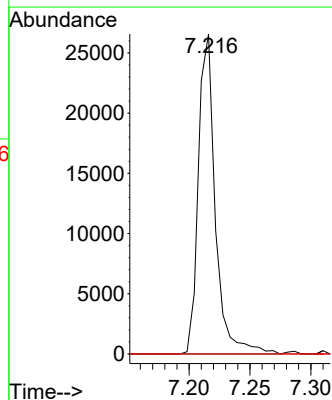
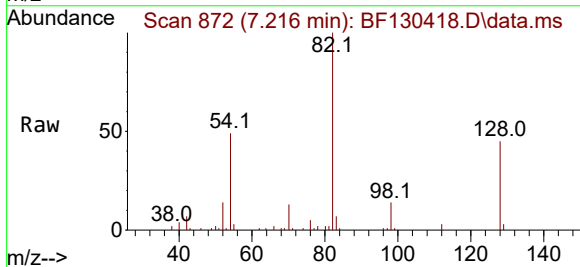
Instrument :
BNA_F
ClientSampleId :
TP3-0923

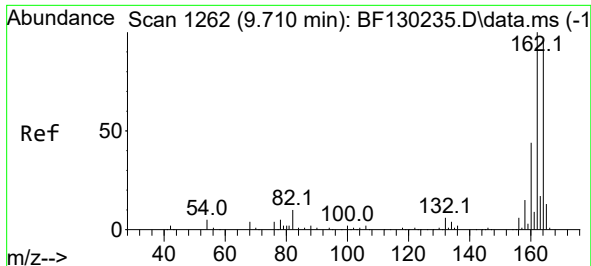
Tgt Ion: 82 Resp: 25726
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 49.1 43.8 65.6



#25
Isophorone
Concen: 3.294 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.265 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion: 82 Resp: 25730
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

Instrument :

BNA_F

ClientSampleId :

TP3-0923

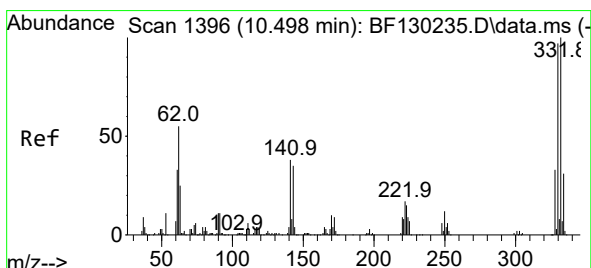
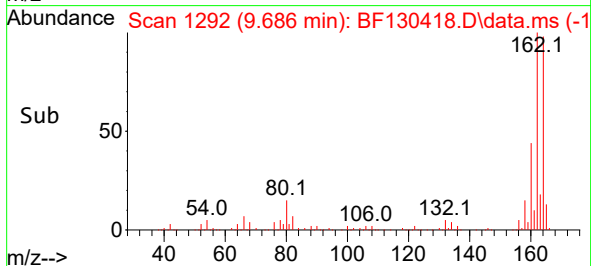
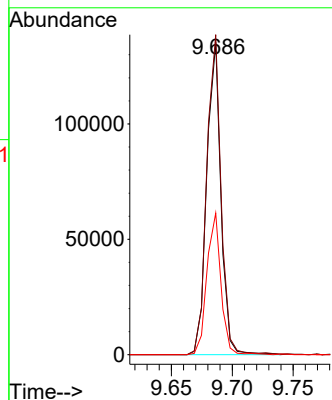
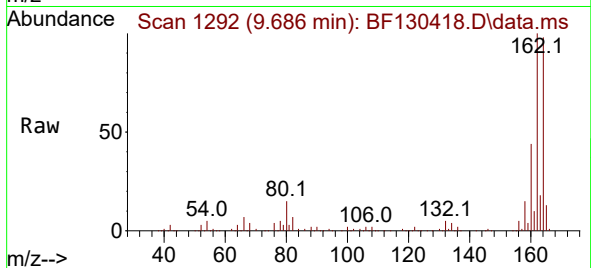
Tgt Ion:164 Resp: 109137

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 45.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 8.229 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

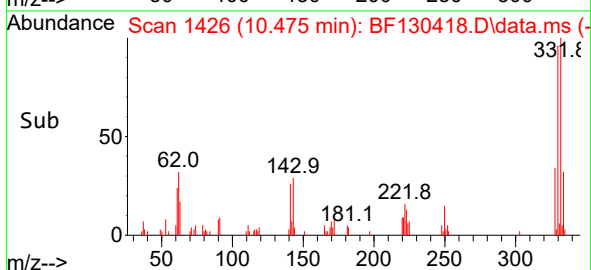
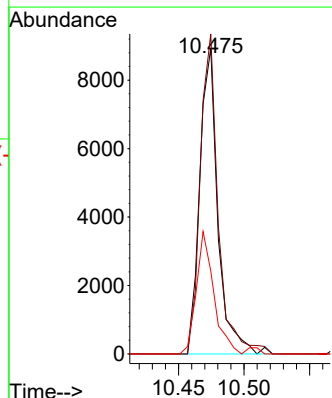
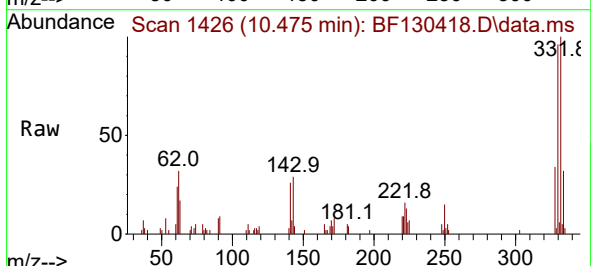
Tgt Ion:330 Resp: 8605

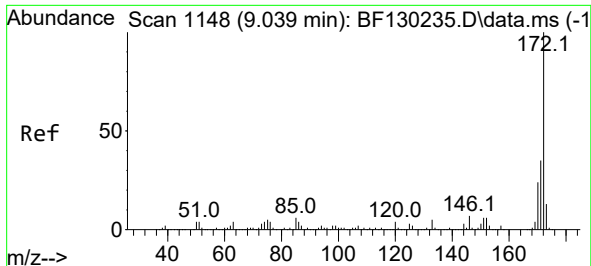
Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 38.5 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 6.294 ng

RT: 9.010 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

Instrument :

BNA_F

ClientSampleId :

TP3-0923

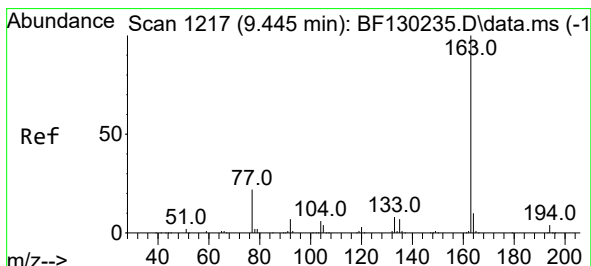
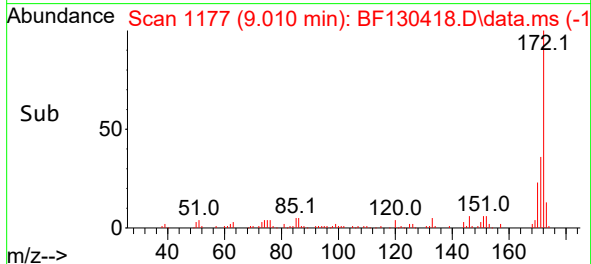
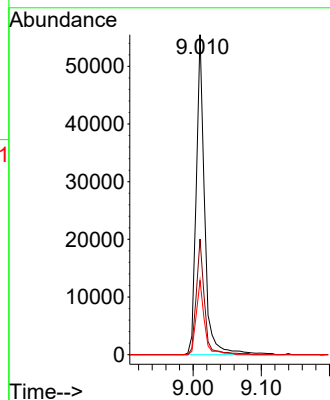
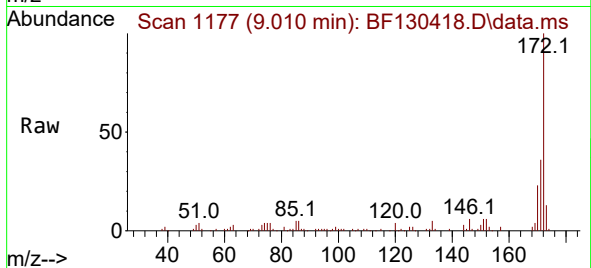
Tgt Ion:172 Resp: 47173

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.2 18.7 28.1



#50

Dimethylphthalate

Concen: 2.705 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.265 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

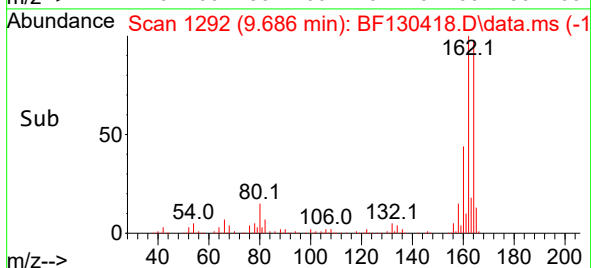
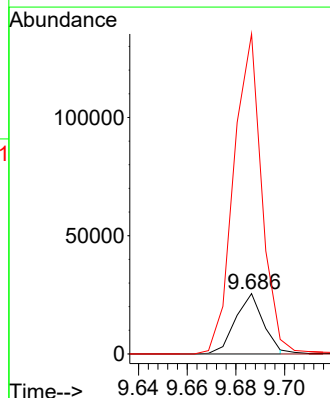
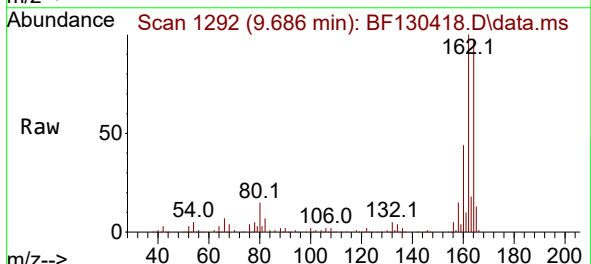
Tgt Ion:163 Resp: 20392

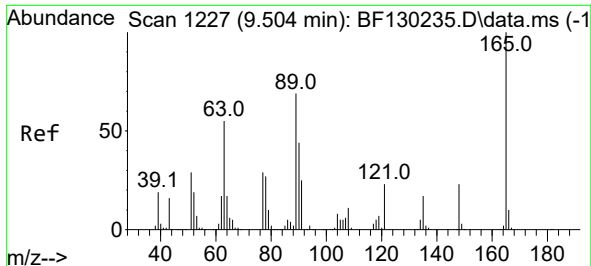
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 530.8 8.2 12.2#

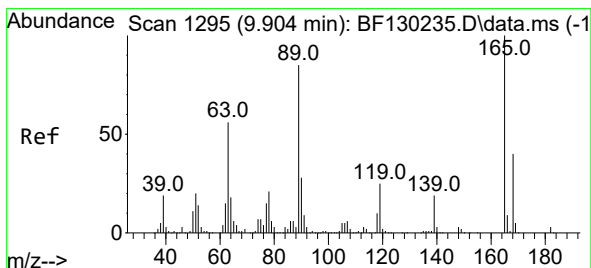
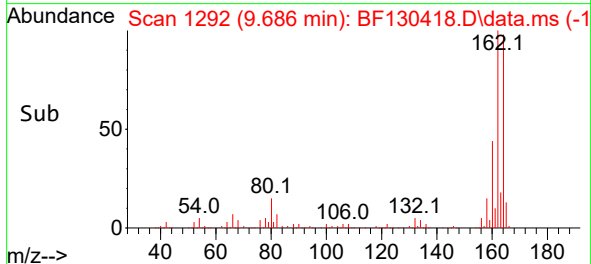
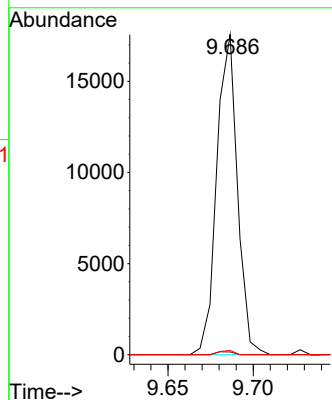
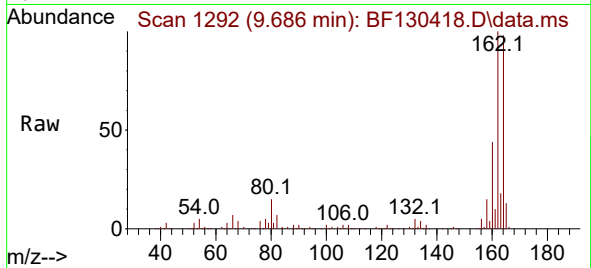




#51
2,6-Dinitrotoluene
Concen: 9.390 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

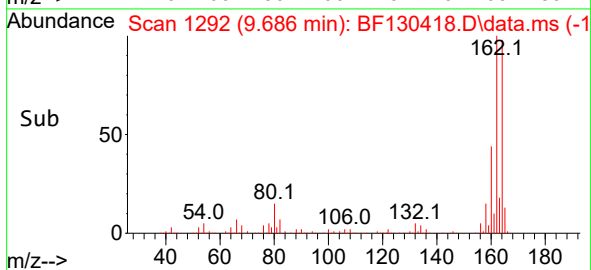
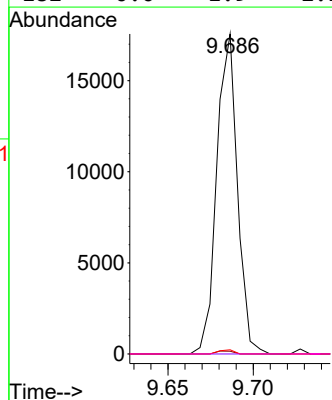
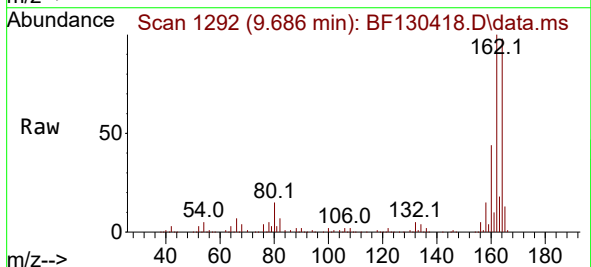
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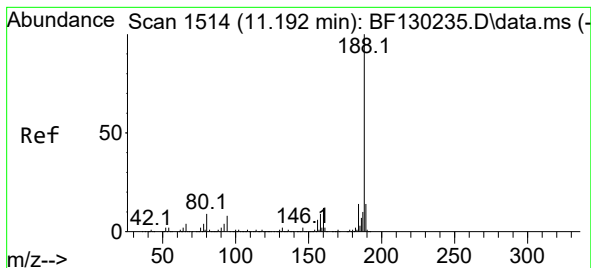
Tgt Ion:165 Resp: 14805
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.3 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.348 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:165 Resp: 14805
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

Instrument :

BNA_F

ClientSampleId :

TP3-0923

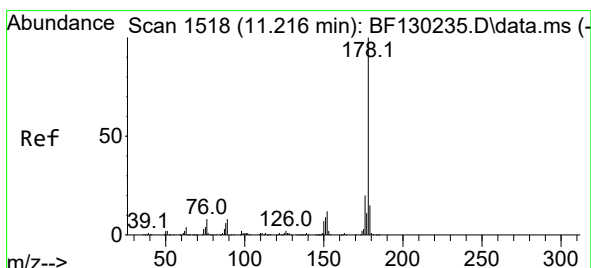
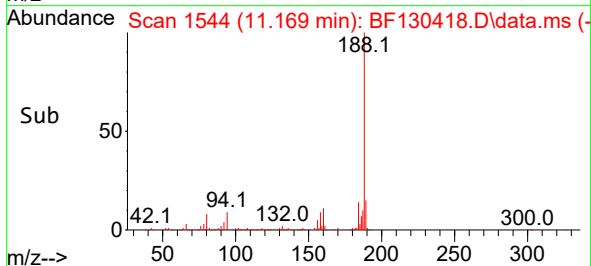
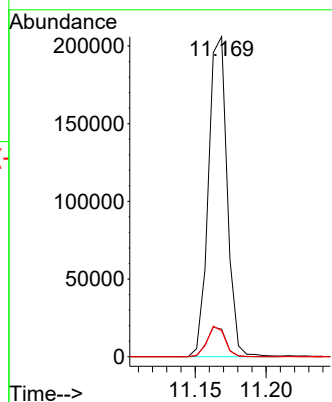
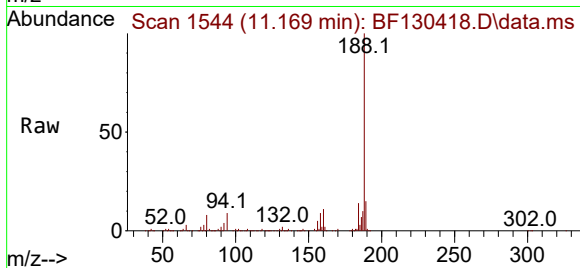
Tgt Ion:188 Resp: 189804

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 8.1 7.9 11.9



#71

Phenanthrene

Concen: 3.382 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

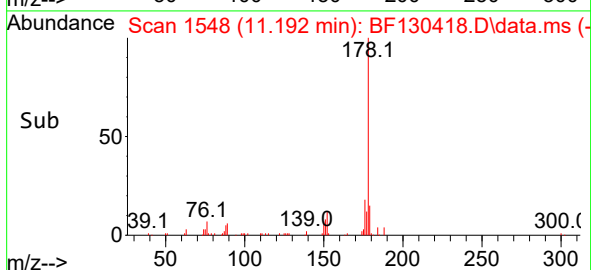
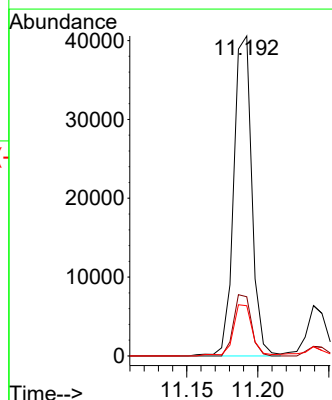
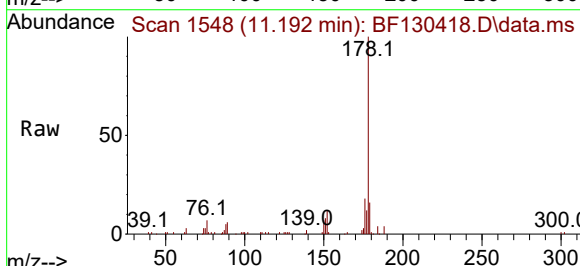
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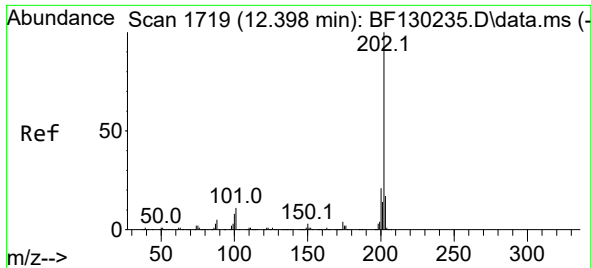
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 15.7 12.4 18.6

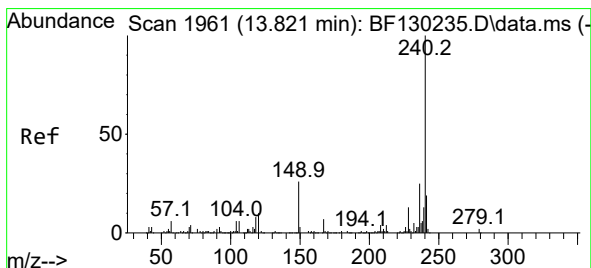
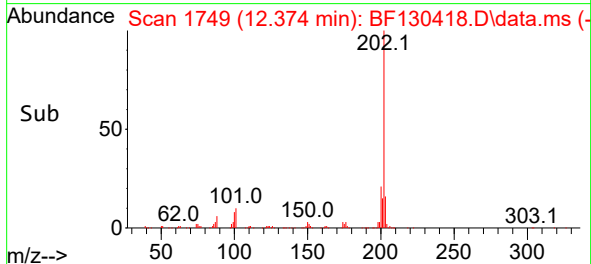
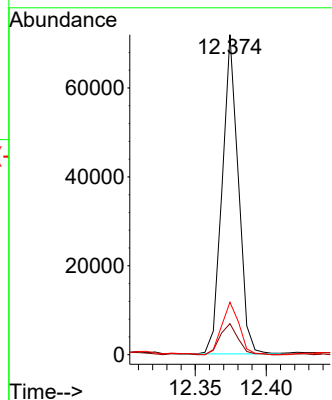
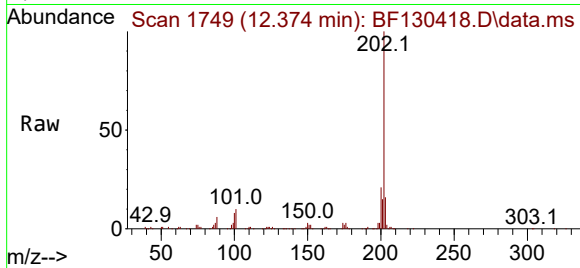




#75
Fluoranthene
Concen: 5.500 ng
RT: 12.374 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

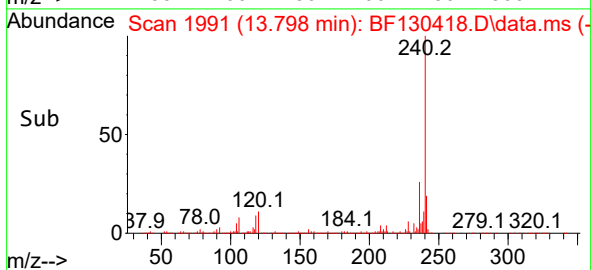
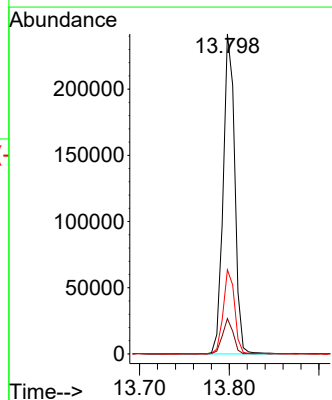
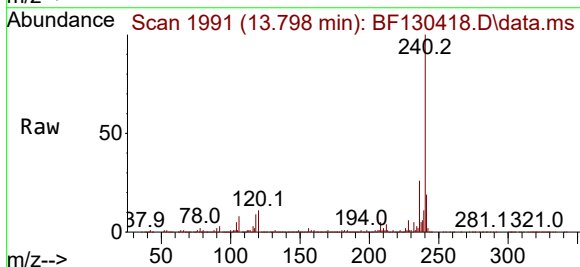
Instrument :
BNA_F
ClientSampleId :
TP3-0923

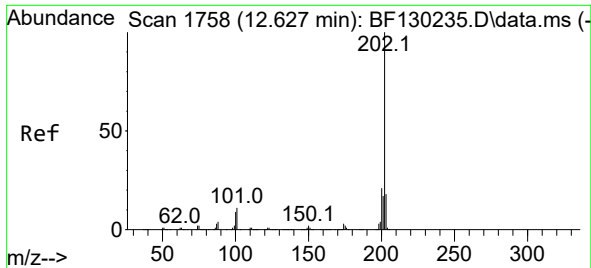
Tgt Ion:202 Resp: 56638
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.8
203 16.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:240 Resp: 216893
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 26.3 20.9 31.3

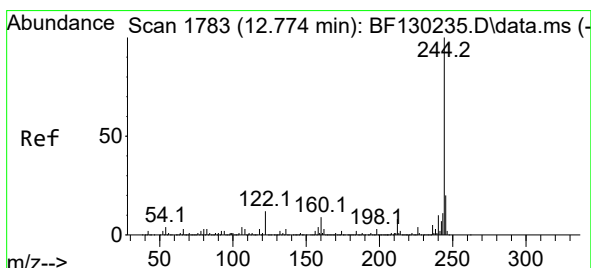
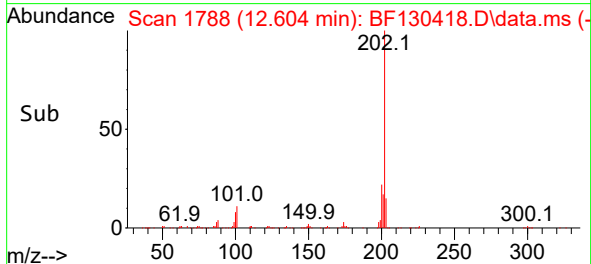
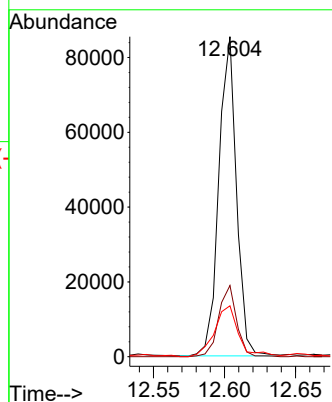
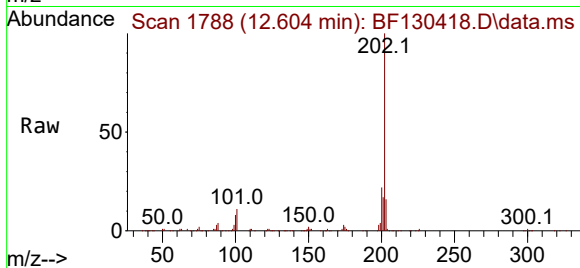




#78
 Pyrene
 Concen: 3.882 ng
 RT: 12.604 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

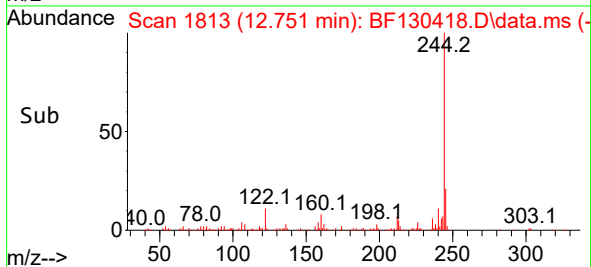
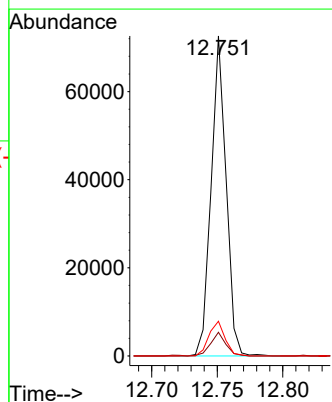
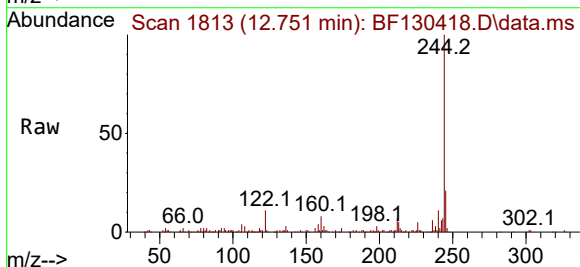
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

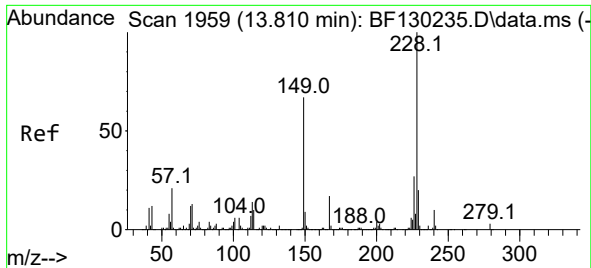
Tgt Ion:	202	Resp:	73654
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.2	25.8
203	15.9	14.3	21.5



#79
 Terphenyl-d14
 Concen: 4.414 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

Tgt Ion:	244	Resp:	57793
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.9	8.9
122	10.8	8.5	12.7

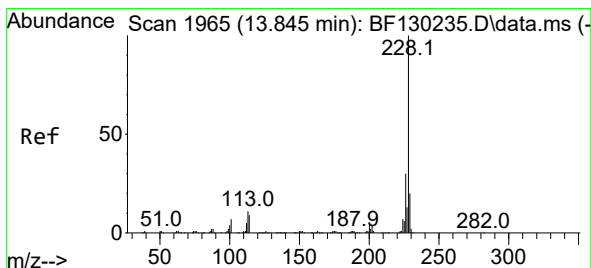
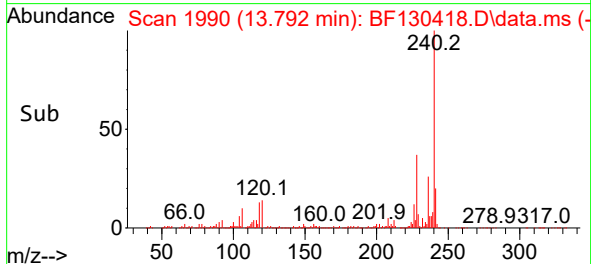
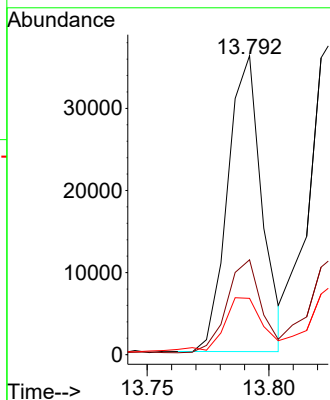
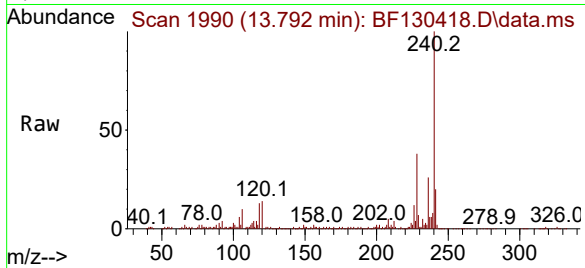




#81
Benzo(a)anthracene
Concen: 2.438 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

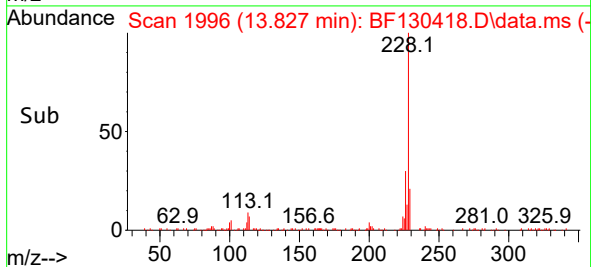
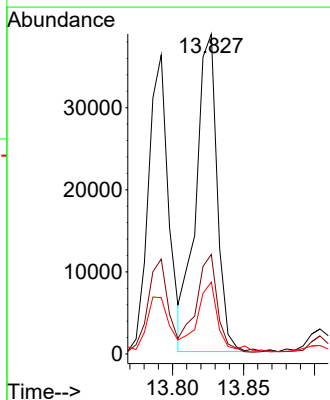
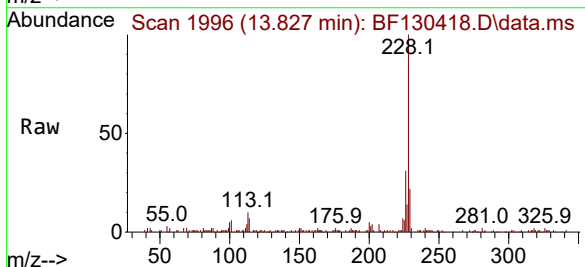
Instrument :
BNA_F
ClientSampleId :
TP3-0923

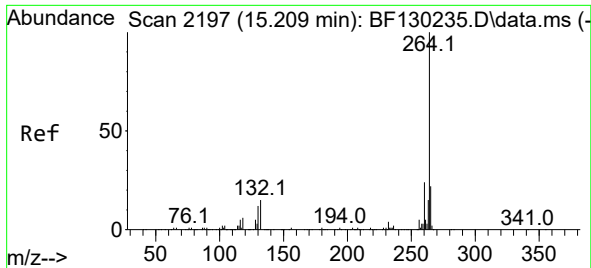
Tgt Ion:228 Resp: 35171
Ion Ratio Lower Upper
228 100
226 31.7 21.9 32.9
229 18.9 16.1 24.1



#83
Chrysene
Concen: 2.950 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:228 Resp: 40418
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 22.4 15.3 22.9

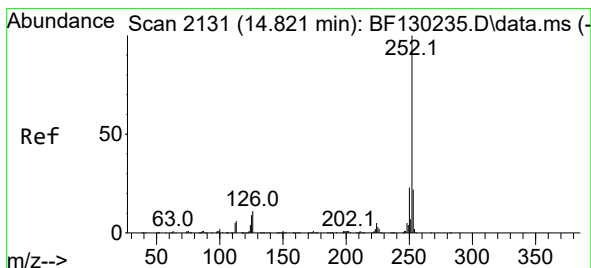
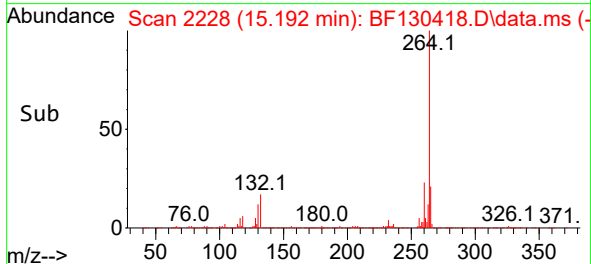
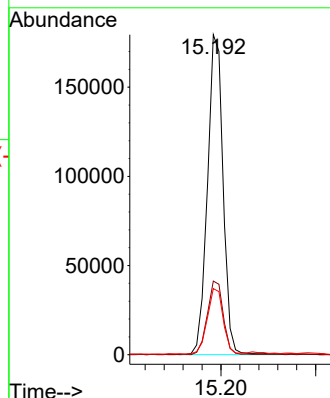
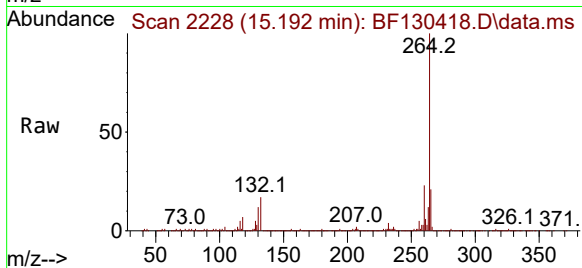




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

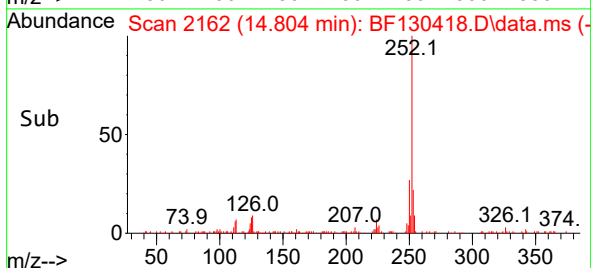
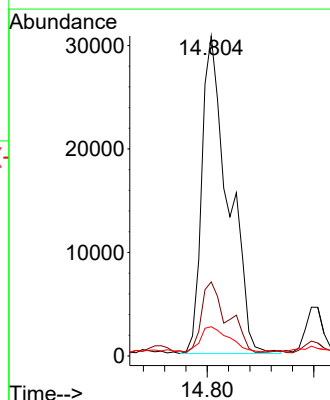
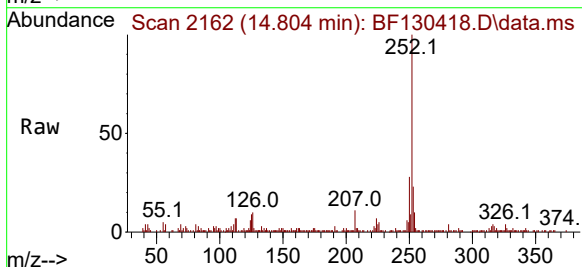
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

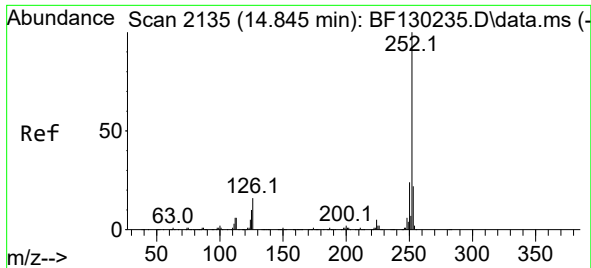
Tgt Ion:264 Resp: 204909
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 20.7 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 3.962 ng
 RT: 14.804 min Scan# 2162
 Delta R.T. -0.000 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

Tgt Ion:252 Resp: 52992
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.7 26.5
 125 9.1 8.1 12.1

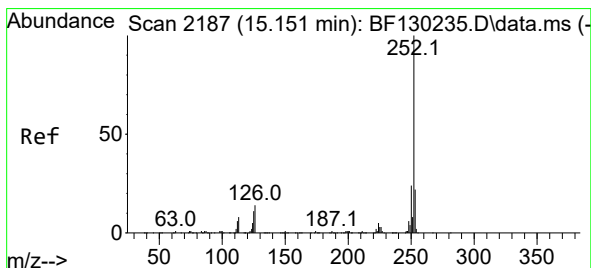
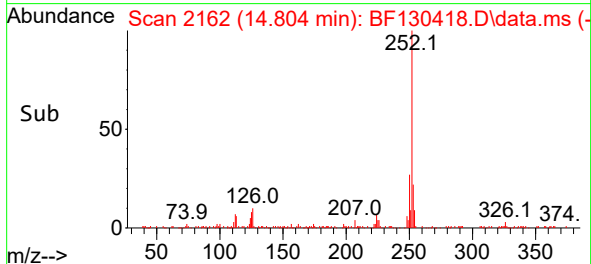
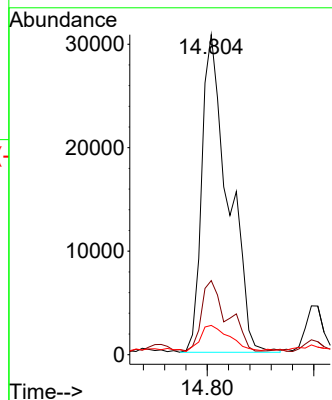
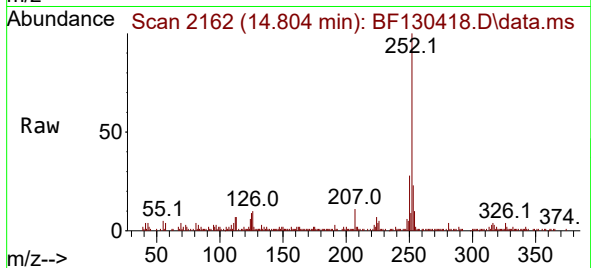




#89
Benzo(k)fluoranthene
Concen: 4.028 ng
RT: 14.804 min Scan# 2135
Delta R.T. -0.029 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Instrument :
BNA_F
ClientSampleId :
TP3-0923

Tgt Ion:252 Resp: 52992
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 9.1 7.9 11.9



#90
Benzo(a)pyrene
Concen: 2.610 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:252 Resp: 27656
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.1 9.0 13.6

