

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130975.D
 Acq On : 03 Nov 2022 23:34
 Operator : CG\JU
 Sample : N5396-16RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

Quant Time: Nov 04 06:24:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

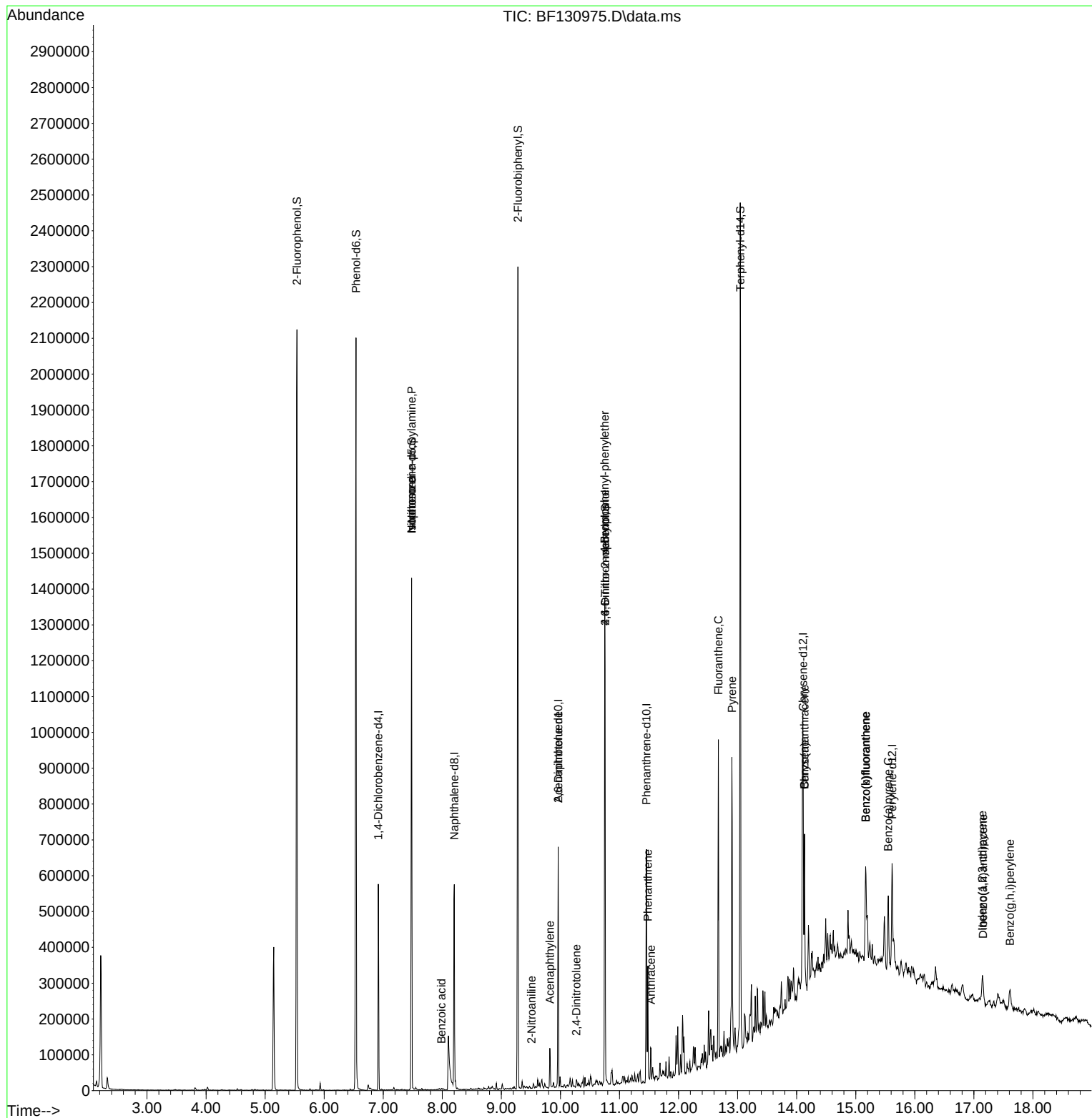
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	73961	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	243695	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115889	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	225088	20.000	ng	0.00
76) Chrysene-d12	14.110	240	203918	20.000	ng	0.00
86) Perylene-d12	15.615	264	131132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	542793	127.228	ng	0.01
7) Phenol-d6	6.540	99	644033	116.167	ng	0.00
23) Nitrobenzene-d5	7.481	82	413677	102.358	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	154427	158.297	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	664194	86.650	ng	0.00
79) Terphenyl-d14	13.045	244	826305	74.254	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	56484	14.974	ng	# 75
25) Isophorone	7.481	82	413672	49.637	ng	# 66
32) Benzoic acid	7.986	122	55	7.699	ng	# 1
48) 2-Nitroaniline	9.510	65	135	4.205	ng	# 12
49) Acenaphthylene	9.822	152	40772	3.897	ng	99
51) 2,6-Dinitrotoluene	9.963	165	15434	12.396	ng	# 15
57) 2,4-Dinitrotoluene	10.269	165	1030	4.206	ng	# 62
65) 4,6-Dinitro-2-methylph...	10.757	198	438	8.317	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	9715	4.292	ng	# 1
71) Phenanthrene	11.480	178	114927	9.893	ng	97
72) Anthracene	11.533	178	36451	3.181	ng	97
75) Fluoranthene	12.674	202	310468	25.152	ng	99
78) Pyrene	12.904	202	322007	18.717	ng	99
81) Benzo(a)anthracene	14.133	228	176299	13.040	ng	94
83) Chrysene	14.133	228	176299	13.519	ng	97
87) Indeno(1,2,3-cd)pyrene	17.145	276	55999	6.431	ng	# 93
88) Benzo(b)fluoranthene	15.168	252	194807	22.981	ng	# 93
89) Benzo(k)fluoranthene	15.168	252	194807	23.584	ng	# 94
90) Benzo(a)pyrene	15.551	252	92949	13.640	ng	97
91) Dibenzo(a,h)anthracene	17.156	278	14691	2.069	ng	# 66
92) Benzo(g,h,i)perylene	17.609	276	54699	7.553	ng	97

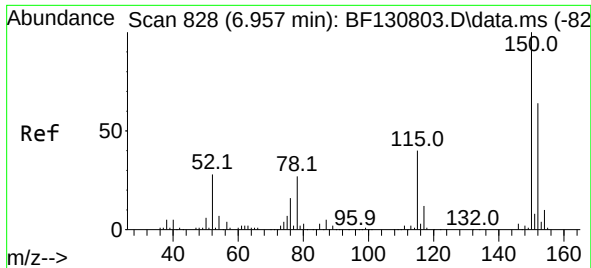
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Time: Nov 04 06:24:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

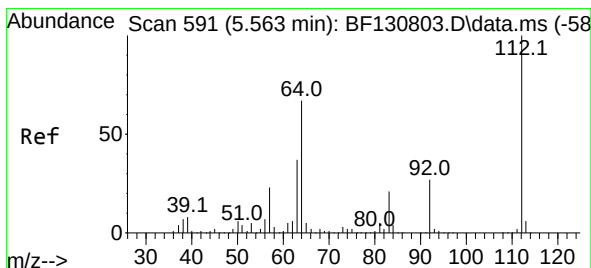
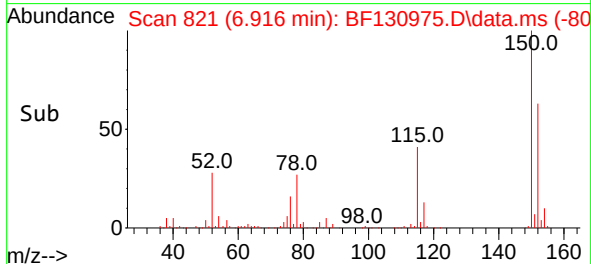
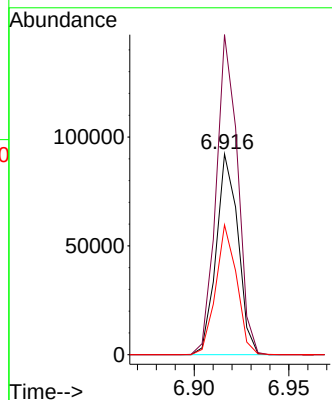
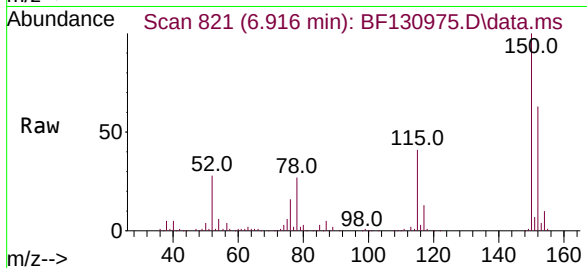




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF130975.D
 Acq: 03 Nov 2022 23:34

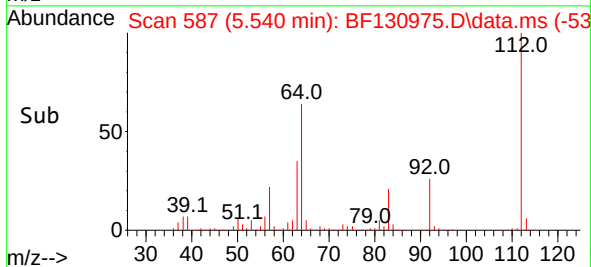
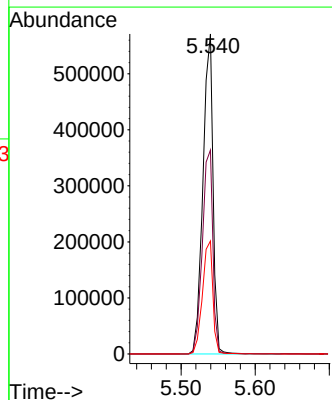
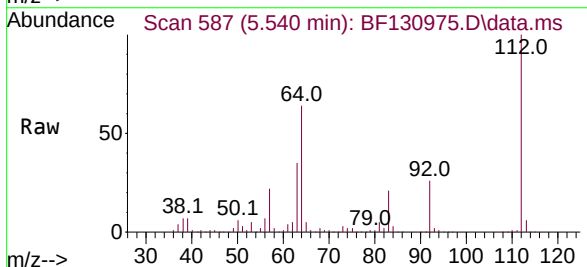
Instrument :
 BNA_F
 ClientSampleId :
 TP-H

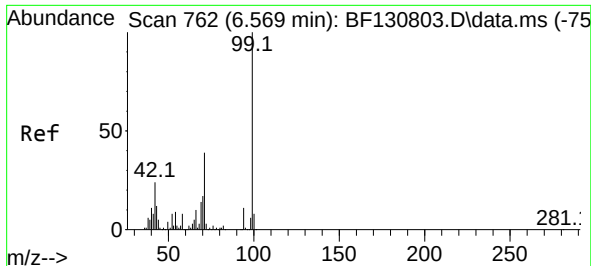
Tgt Ion:152 Resp: 73961
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.1 186.1
 115 64.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 127.228 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF130975.D
 Acq: 03 Nov 2022 23:34

Tgt Ion:112 Resp: 542793
 Ion Ratio Lower Upper
 112 100
 64 63.7 53.9 80.9
 63 35.3 29.4 44.2

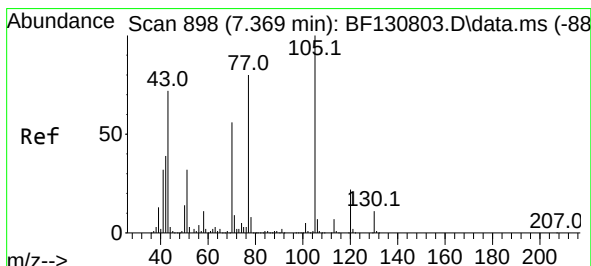
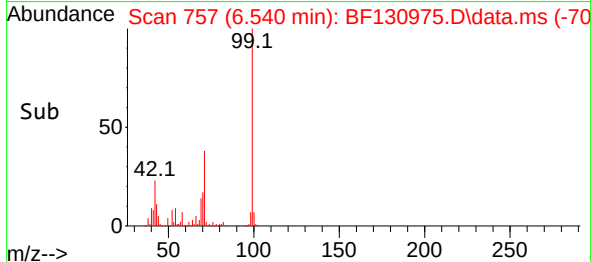
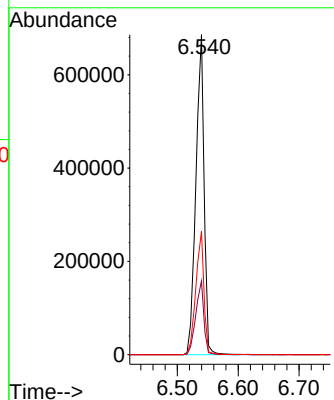
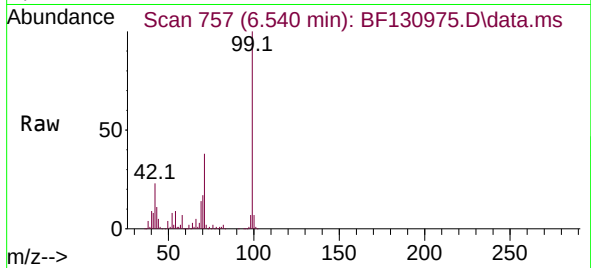




#7
Phenol-d6
Concen: 116.167 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

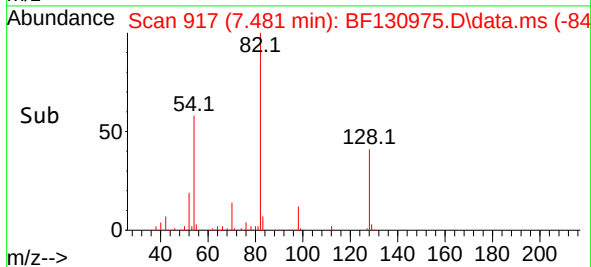
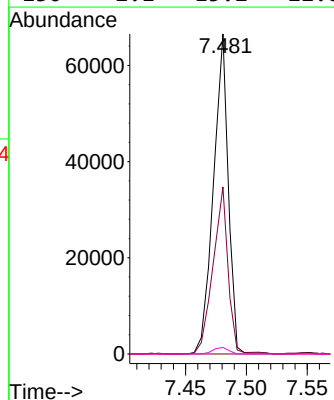
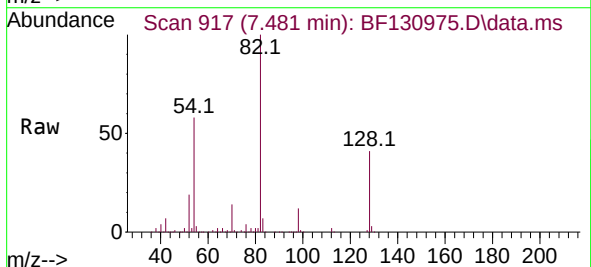
Instrument :
BNA_F
ClientSampleId :
TP-H

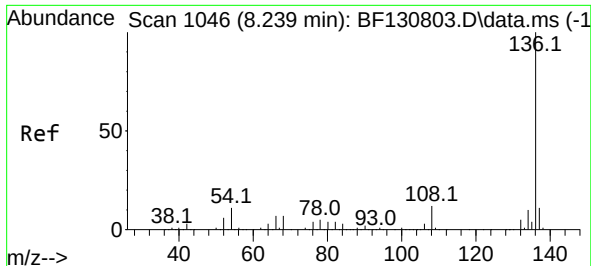
Tgt Ion: 99 Resp: 644033
Ion Ratio Lower Upper
99 100
42 23.0 18.8 28.2
71 38.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion: 70 Resp: 56484
Ion Ratio Lower Upper
70 100
42 52.2 56.1 84.1#
101 0.0 7.3 10.9#
130 2.1 15.2 22.8#

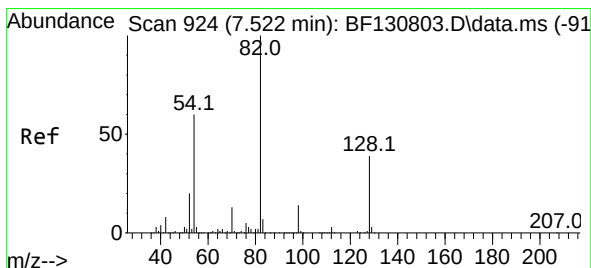
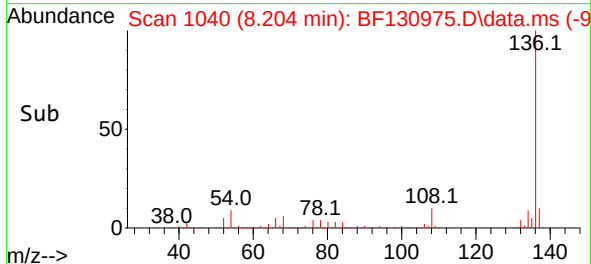
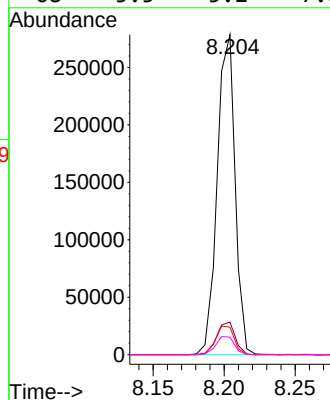
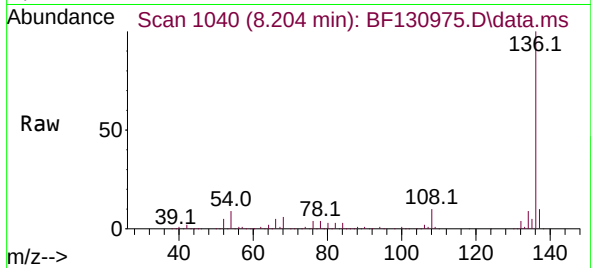




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

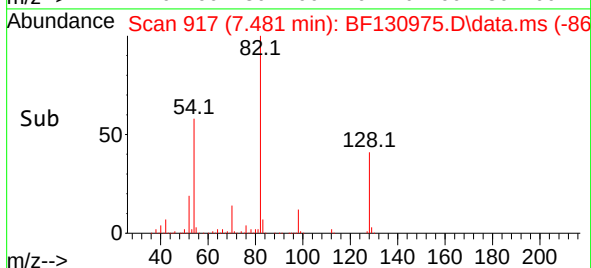
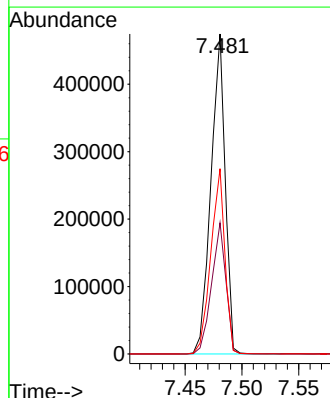
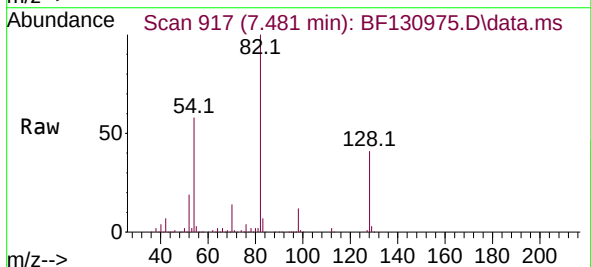
Instrument :
BNA_F
ClientSampleId :
TP-H

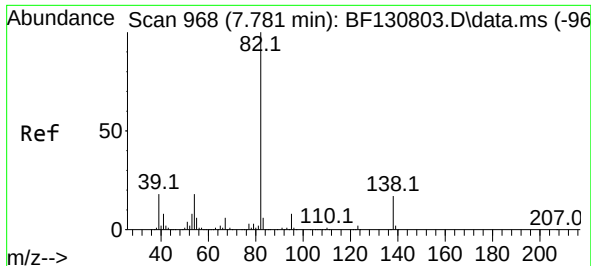
Tgt Ion:	136	Resp:	243695
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.2	13.8
54	8.6	8.8	13.2#
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 102.358 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:	82	Resp:	413677
Ion Ratio	Lower	Upper	
82	100		
128	41.0	31.2	46.8
54	57.9	48.0	72.0

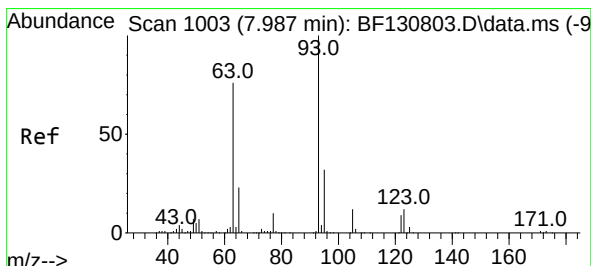
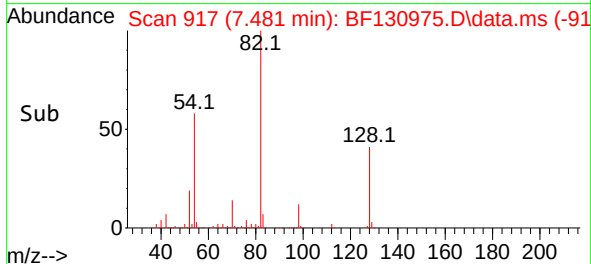
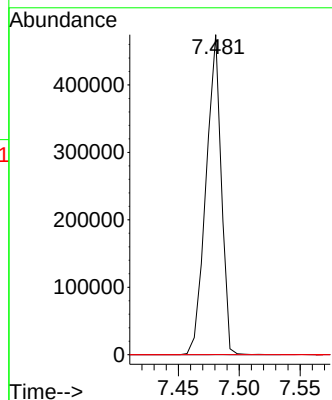
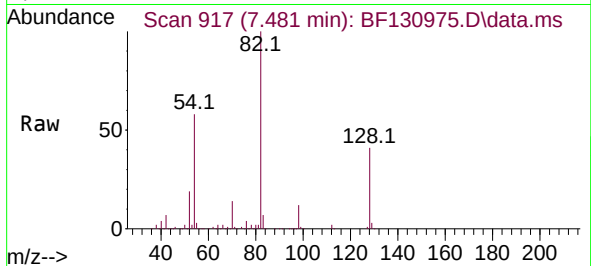




#25
Isophorone
Concen: 49.637 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

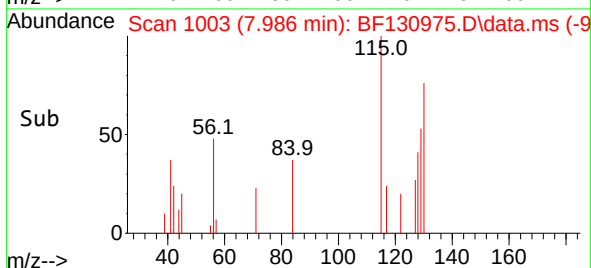
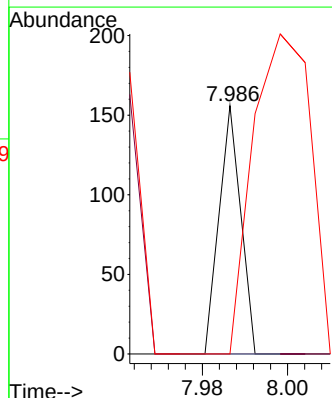
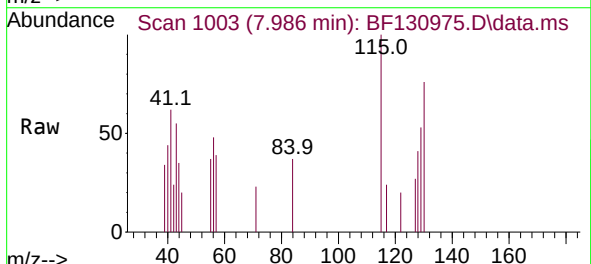
Instrument :
BNA_F
ClientSampleId :
TP-H

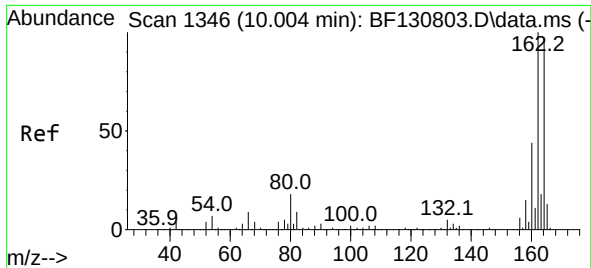
Tgt Ion: 82 Resp: 413672
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.699 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.023 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 89.8 129.8#

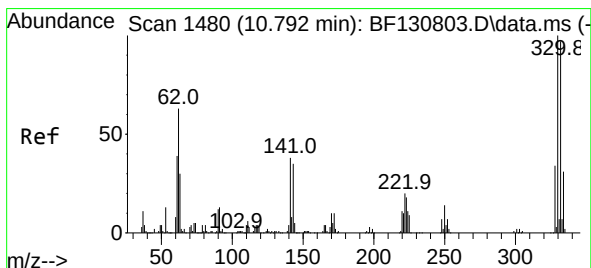
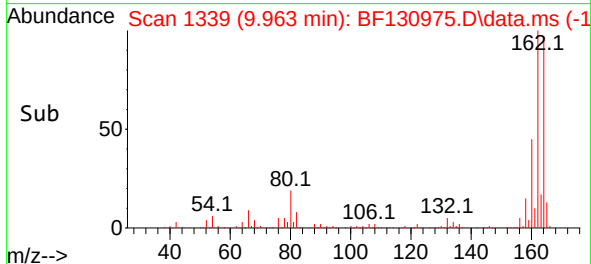
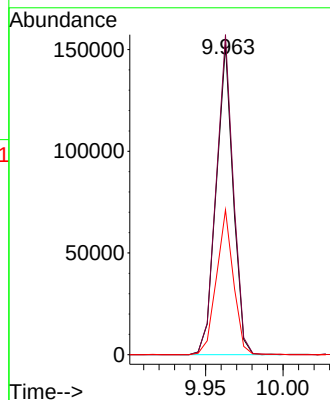
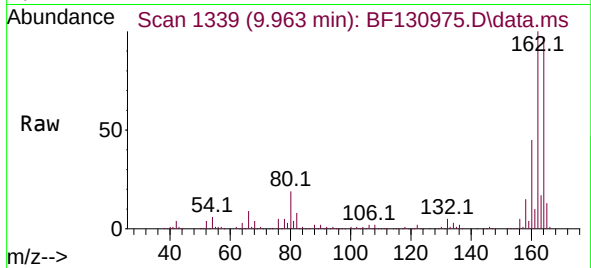




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

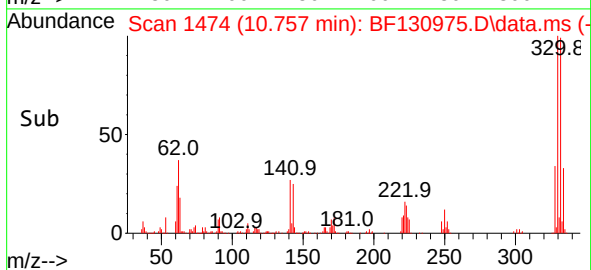
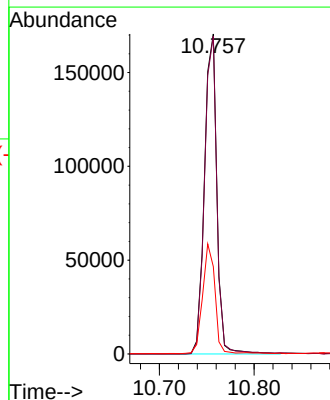
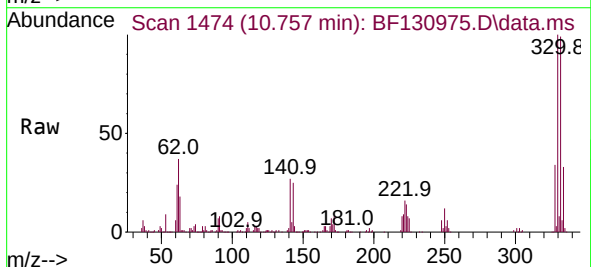
Instrument :
BNA_F
ClientSampleId :
TP-H

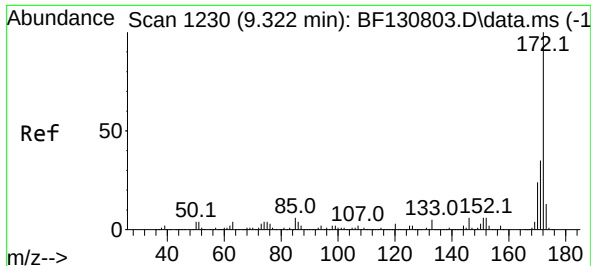
Tgt Ion:164 Resp: 115889
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 46.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 158.297 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:330 Resp: 154427
Ion Ratio Lower Upper
330 100
332 99.3 76.2 114.4
141 33.9 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 86.650 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H

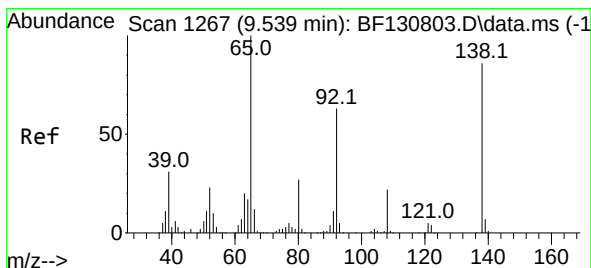
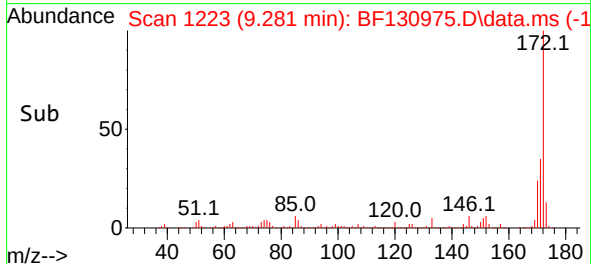
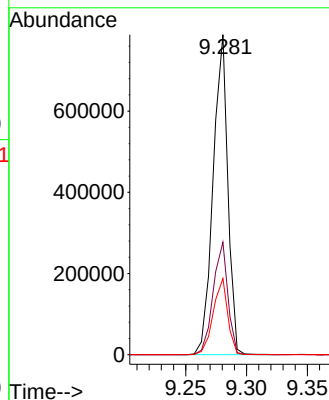
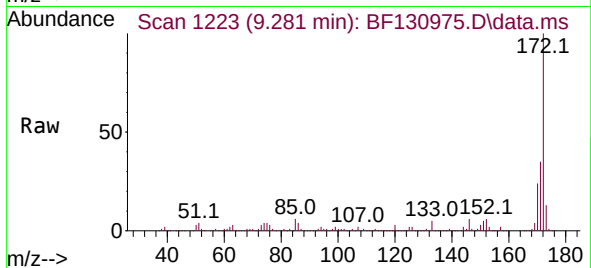
Tgt Ion:172 Resp: 664194

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.8 19.0 28.4



#48

2-Nitroaniline

Concen: 4.205 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

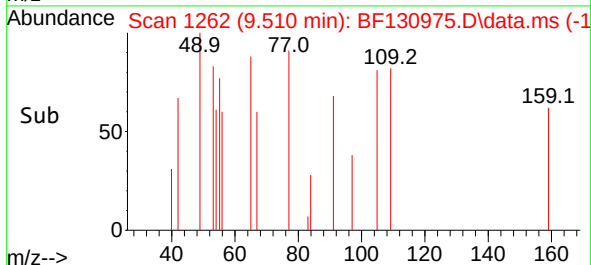
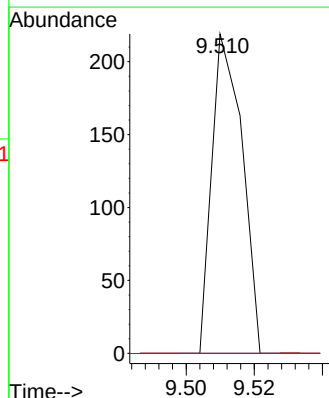
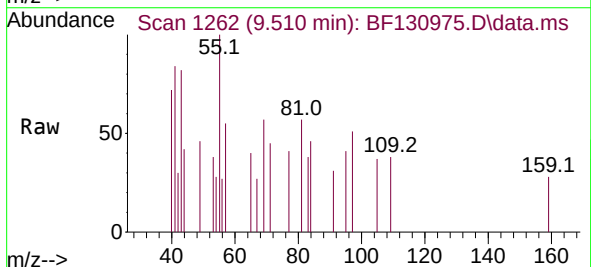
Tgt Ion: 65 Resp: 135

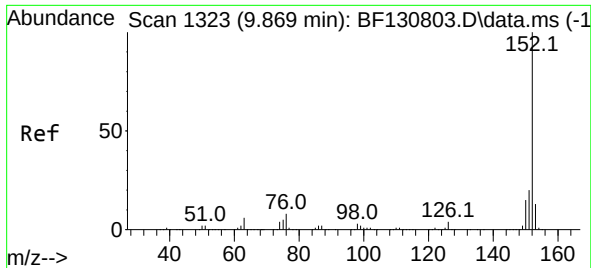
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

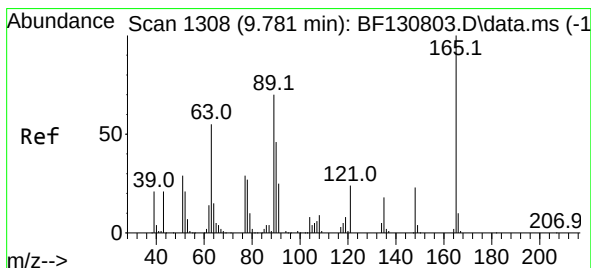
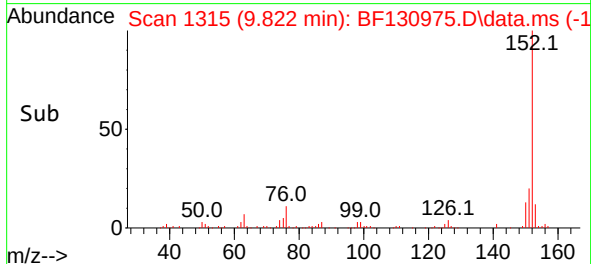
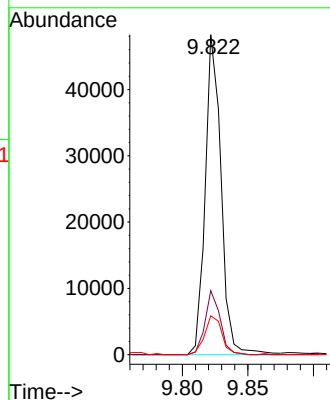
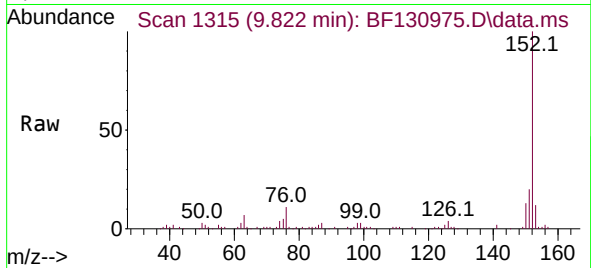




#49
Acenaphthylene
Concen: 3.897 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

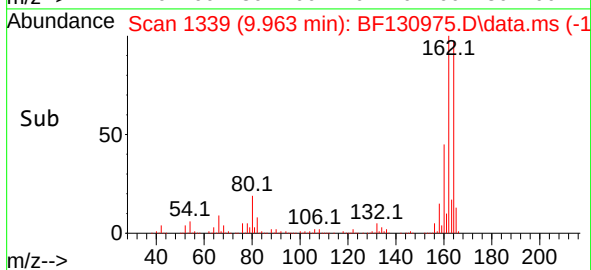
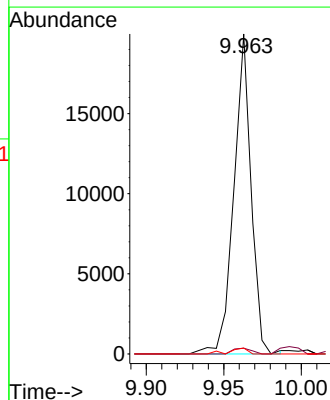
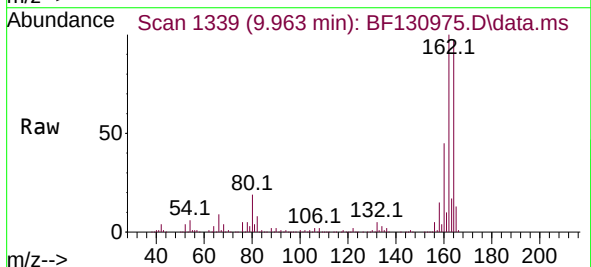
Instrument :
BNA_F
ClientSampleId :
TP-H

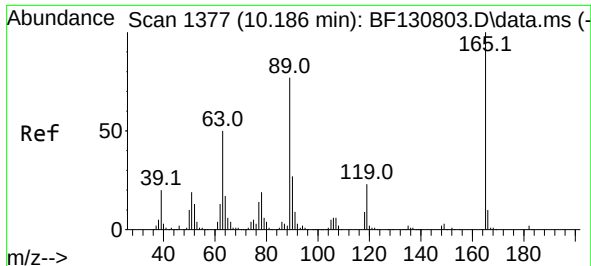
Tgt Ion:152 Resp: 40772
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.2 10.2 15.4



#51
2,6-Dinitrotoluene
Concen: 12.396 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:165 Resp: 15434
Ion Ratio Lower Upper
165 100
63 1.8 61.8 92.8#
89 1.8 56.2 84.4#

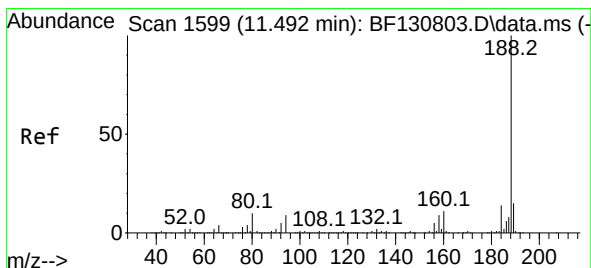
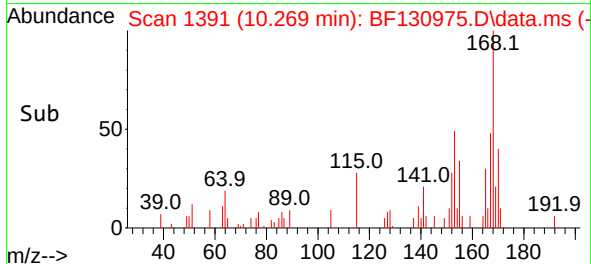
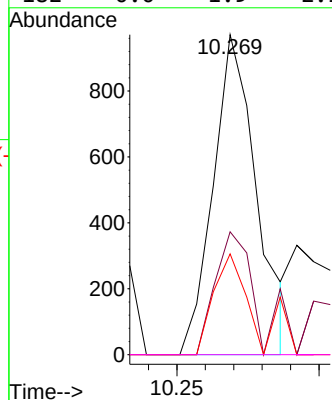
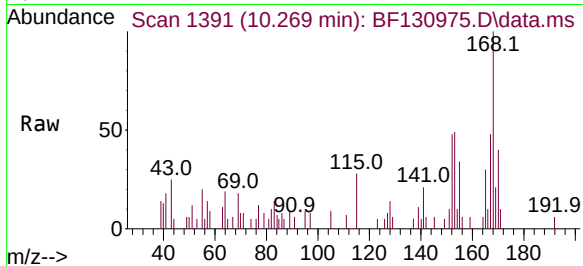




#57
2,4-Dinitrotoluene
Concen: 4.206 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.118 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

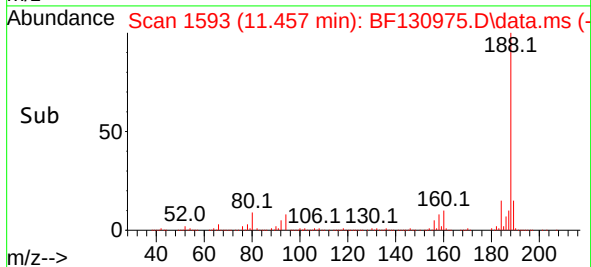
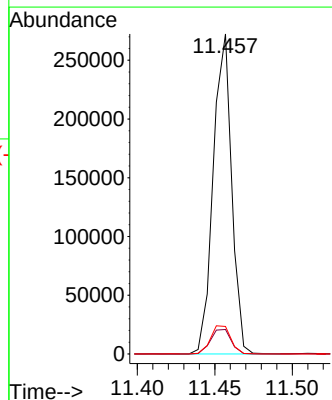
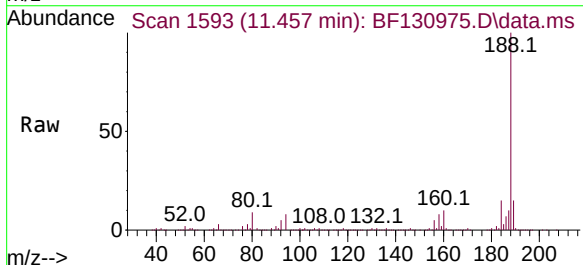
Instrument :
BNA_F
ClientSampleId :
TP-H

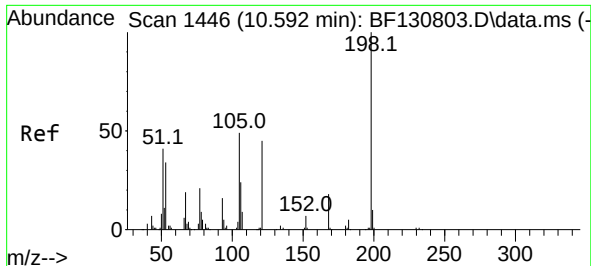
Tgt Ion:165	Resp:	1030
Ion	Ratio	Lower Upper
165	100	
63	38.4	39.8 59.6#
89	31.5	61.9 92.9#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:188	Resp:	225088
Ion	Ratio	Lower Upper
188	100	
94	7.7	7.4 11.2
80	8.6	8.0 12.0

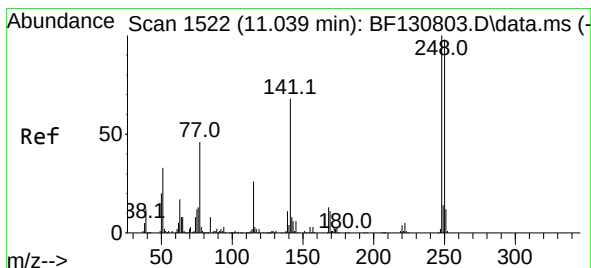
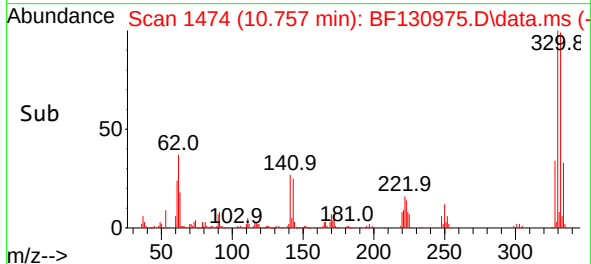
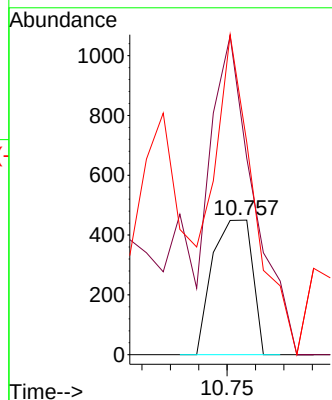
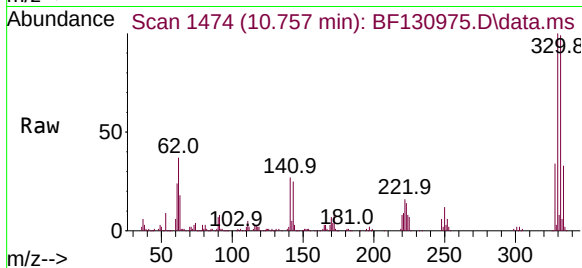




#65
4,6-Dinitro-2-methylphenol
Concen: 8.317 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

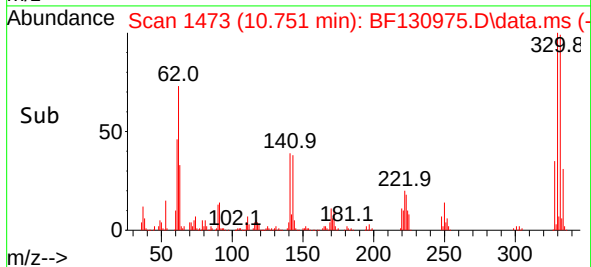
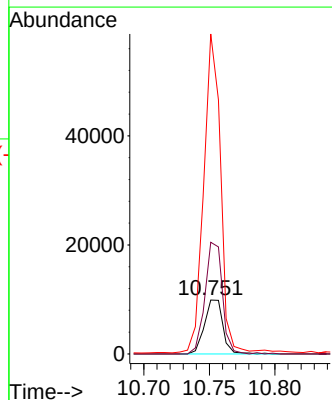
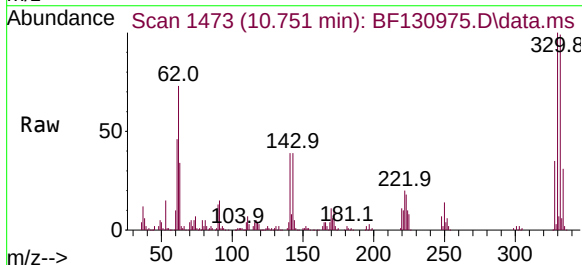
Instrument :
BNA_F
ClientSampleId :
TP-H

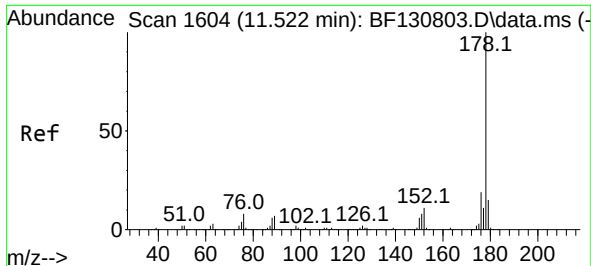
Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
51 146.0 39.0 79.0#
105 157.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.292 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:248 Resp: 9715
Ion Ratio Lower Upper
248 100
250 206.9 78.6 117.8#
141 593.1 54.2 81.4#

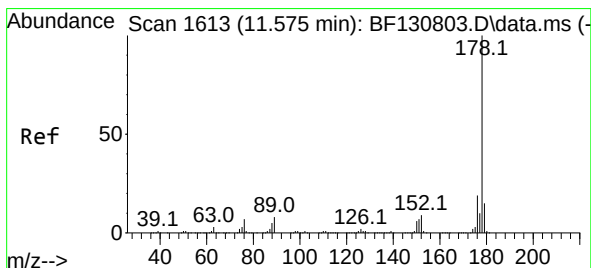
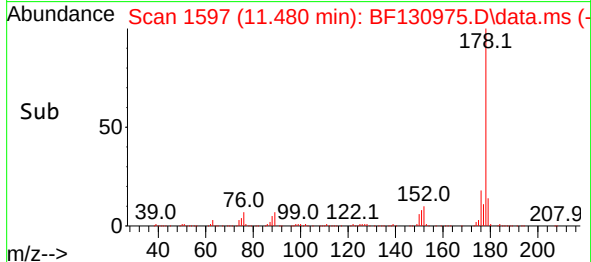
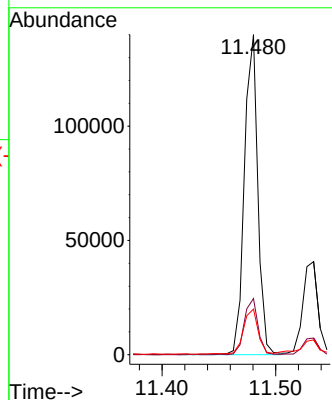
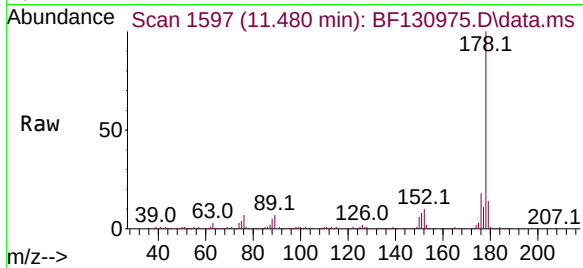




#71
Phenanthrene
Concen: 9.893 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

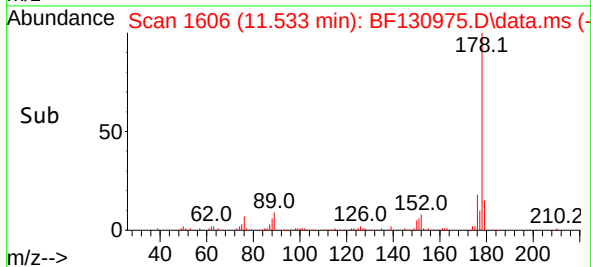
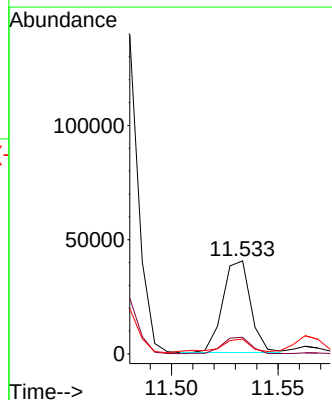
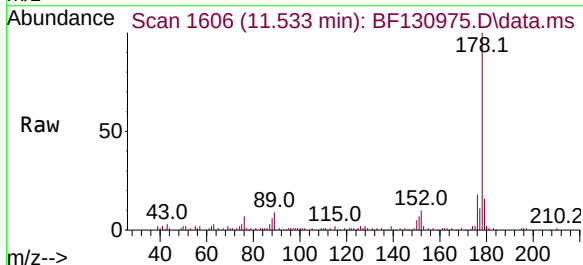
Instrument :
BNA_F
ClientSampleId :
TP-H

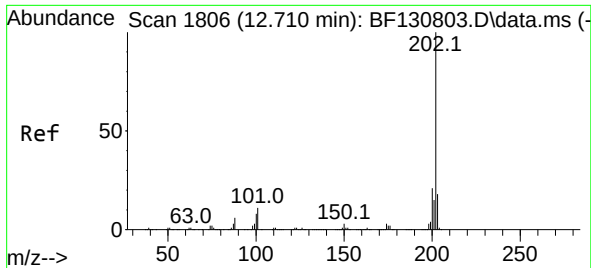
Tgt Ion:178 Resp: 114927
Ion Ratio Lower Upper
178 100
176 17.5 15.5 23.3
179 14.3 12.2 18.2



#72
Anthracene
Concen: 3.181 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:178 Resp: 36451
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 16.1 12.2 18.4

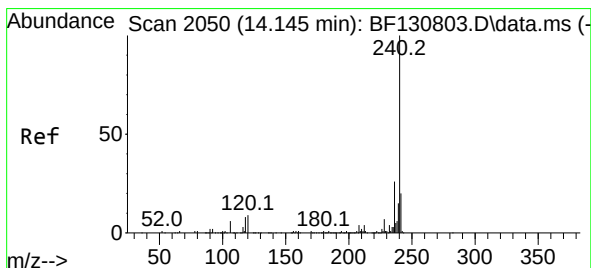
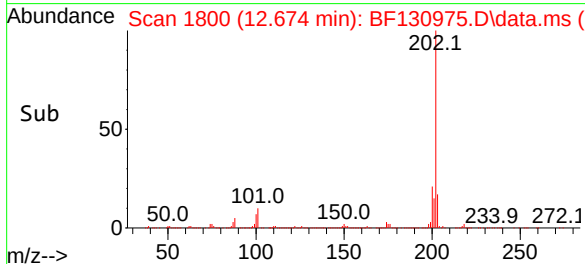
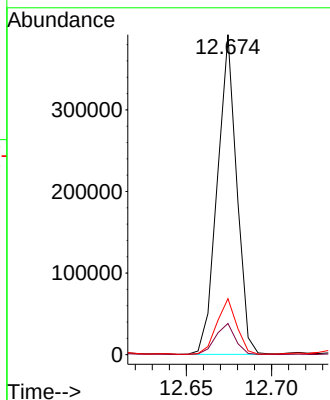
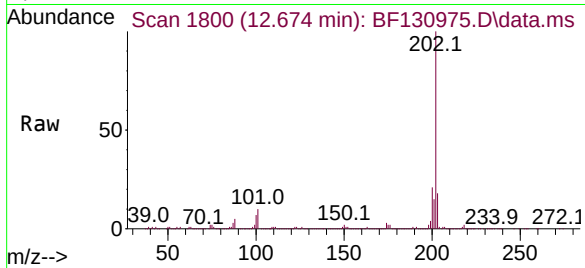




#75
Fluoranthene
Concen: 25.152 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

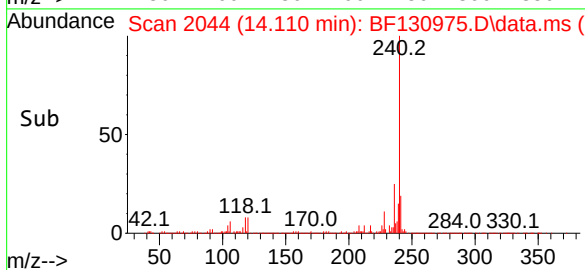
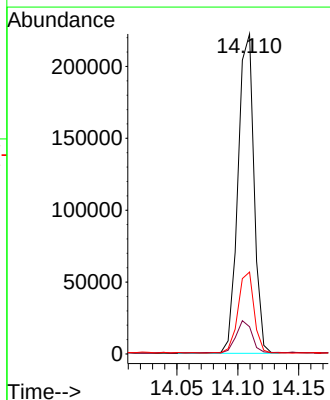
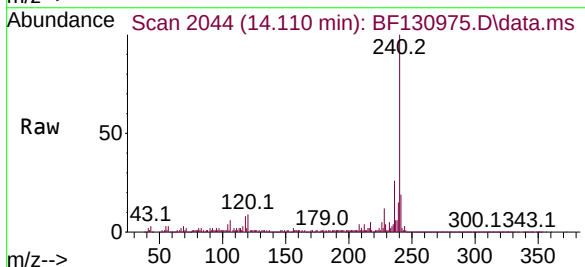
Instrument :
BNA_F
ClientSampleId :
TP-H

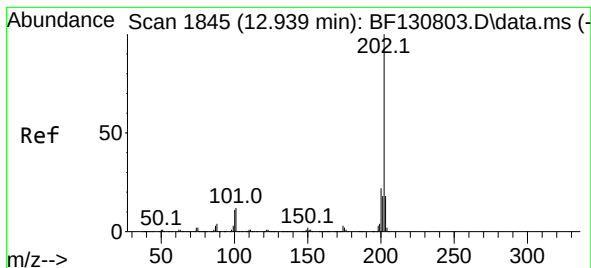
Tgt Ion:202 Resp: 310468
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:240 Resp: 203918
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.4
236 25.6 20.5 30.7





#78

Pyrene

Concen: 18.717 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H

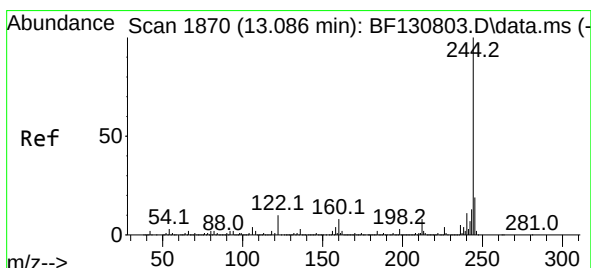
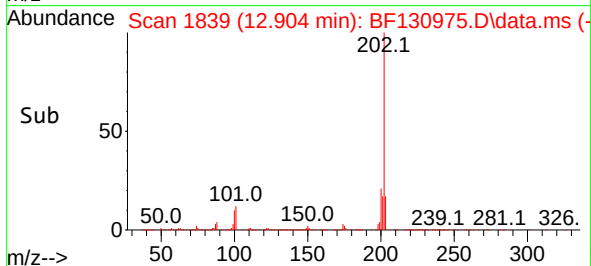
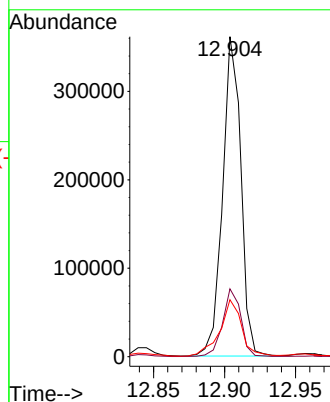
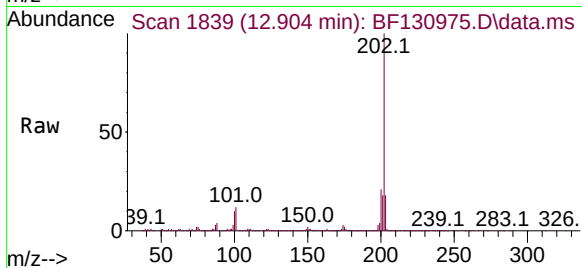
Tgt Ion:202 Resp: 322007

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.8 14.5 21.7



#79

Terphenyl-d14

Concen: 74.254 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.000 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

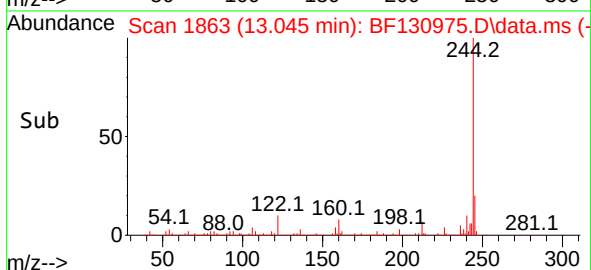
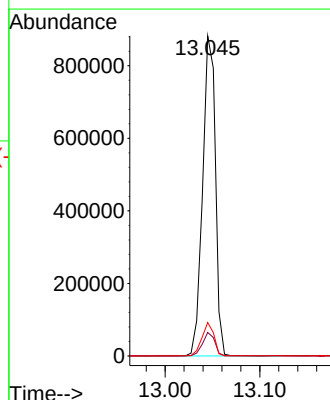
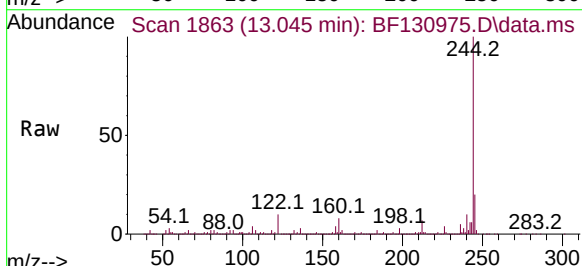
Tgt Ion:244 Resp: 826305

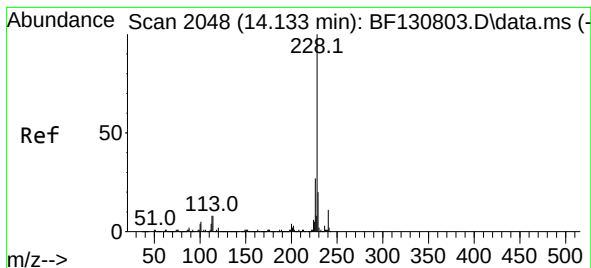
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 10.5 7.9 11.9





#81

Benzo(a)anthracene

Concen: 13.040 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.035 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H

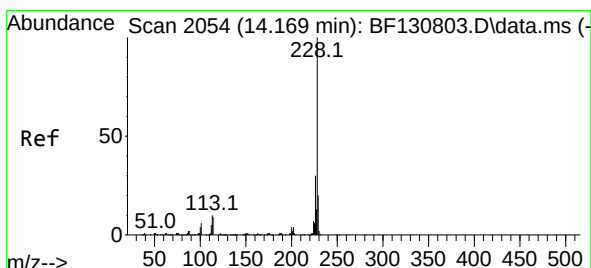
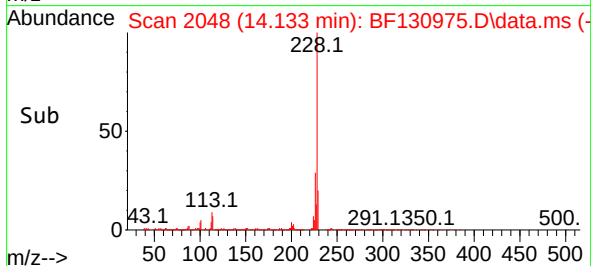
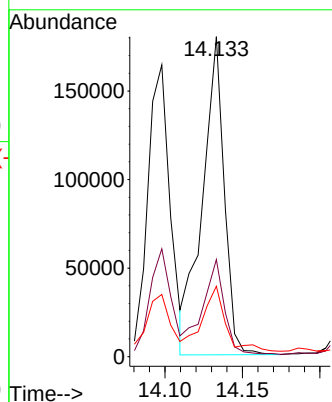
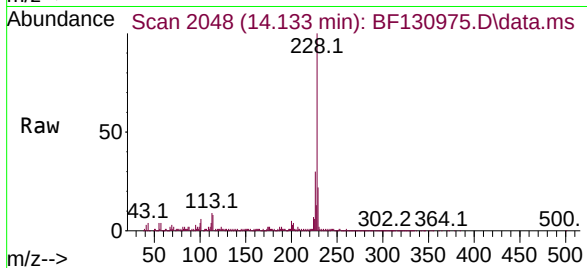
Tgt Ion:228 Resp: 176299

Ion Ratio Lower Upper

228 100

226 30.4 21.4 32.2

229 22.0 15.8 23.6



#83

Chrysene

Concen: 13.519 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

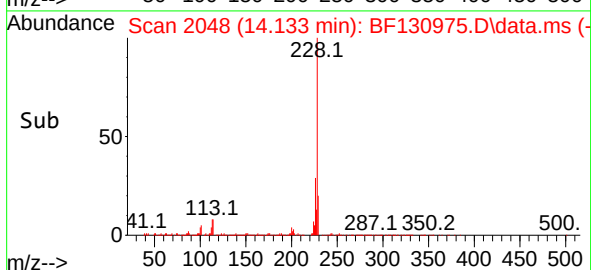
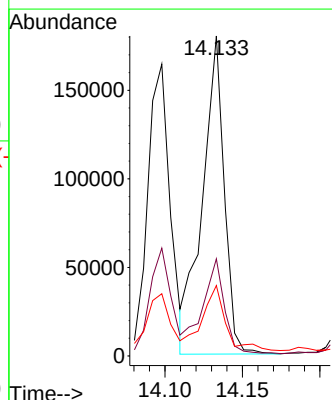
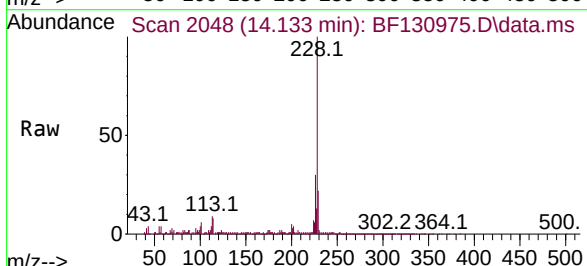
Tgt Ion:228 Resp: 176299

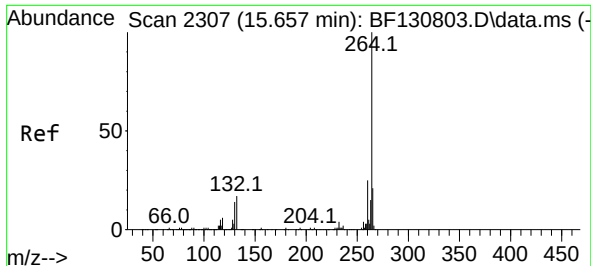
Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 22.0 15.8 23.6

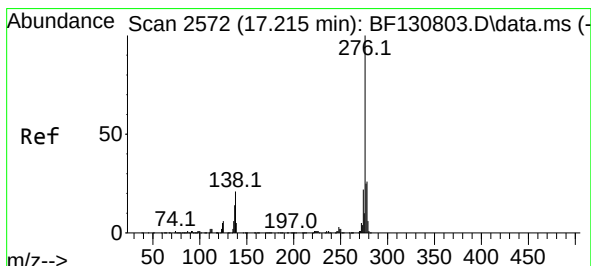
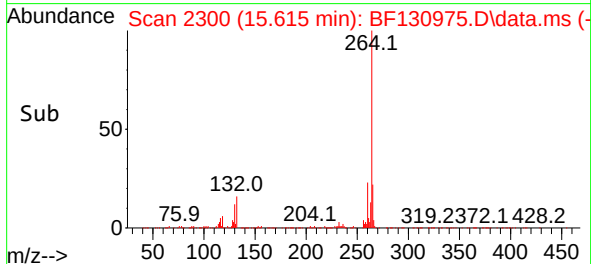
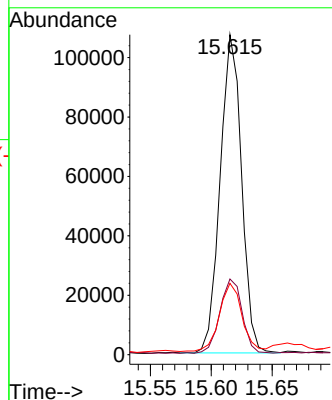
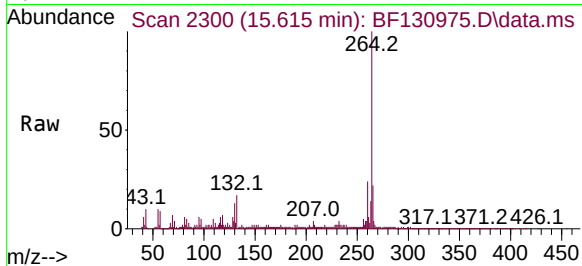




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

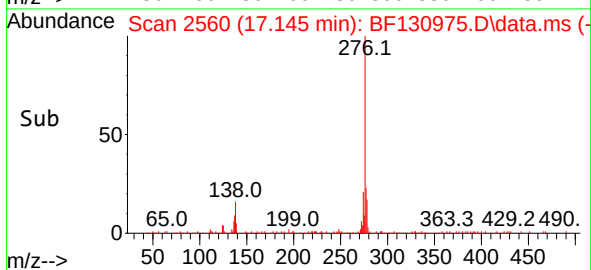
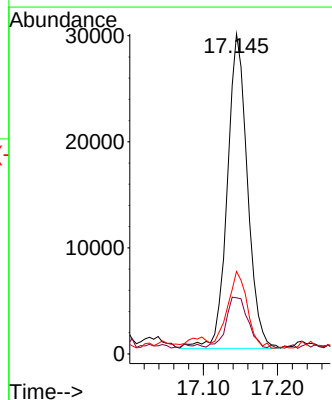
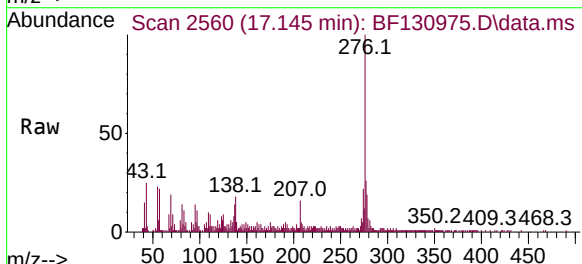
Instrument :
BNA_F
ClientSampleId :
TP-H

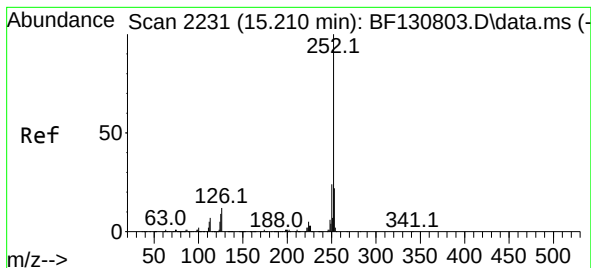
Tgt Ion:264 Resp: 131132
Ion Ratio Lower Upper
264 100
260 23.6 19.9 29.9
265 22.3 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.431 ng
RT: 17.145 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BF130975.D
Acq: 03 Nov 2022 23:34

Tgt Ion:276 Resp: 55999
Ion Ratio Lower Upper
276 100
138 17.5 19.1 28.7#
277 24.1 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 22.981 ng

RT: 15.168 min Scan# 2224

Delta R.T. 0.006 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H

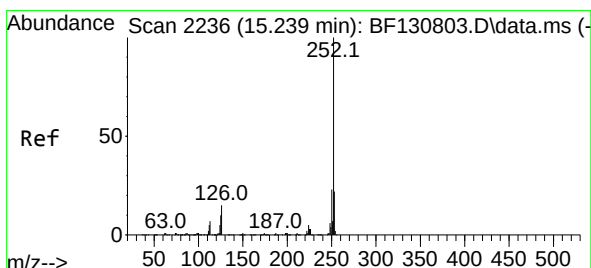
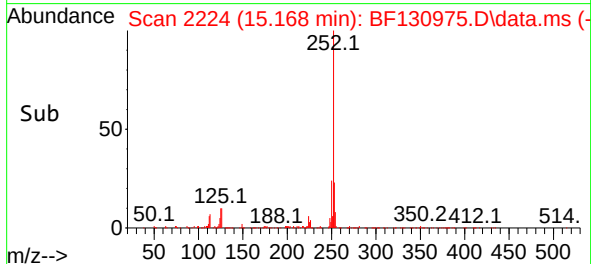
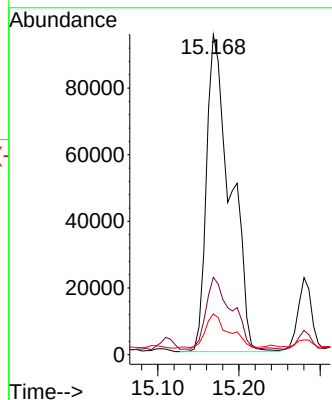
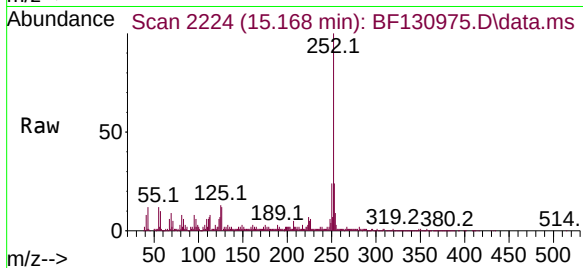
Tgt Ion:252 Resp: 194807

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 12.8 7.0 10.4#



#89

Benzo(k)fluoranthene

Concen: 23.584 ng

RT: 15.168 min Scan# 2224

Delta R.T. -0.029 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

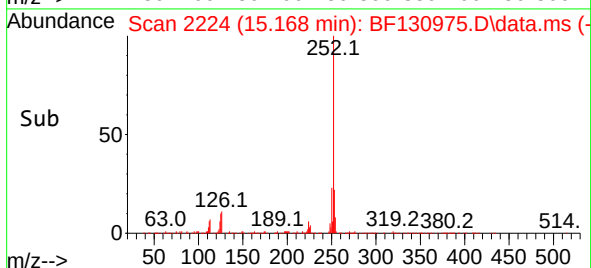
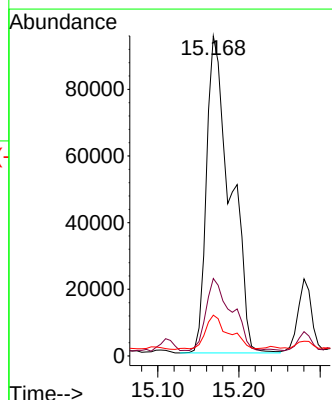
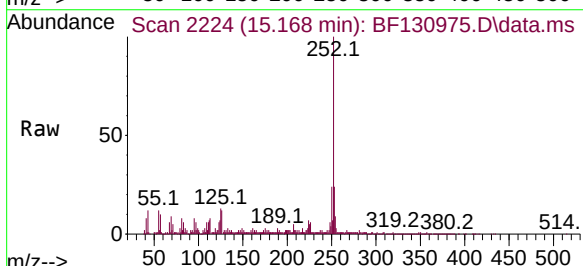
Tgt Ion:252 Resp: 194807

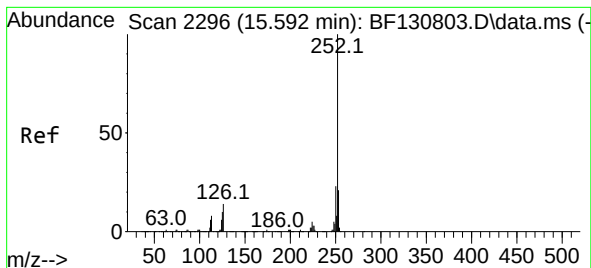
Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 12.8 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 13.640 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H

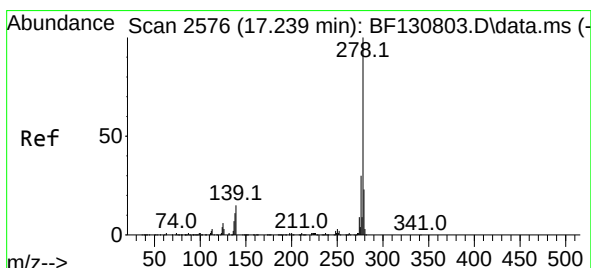
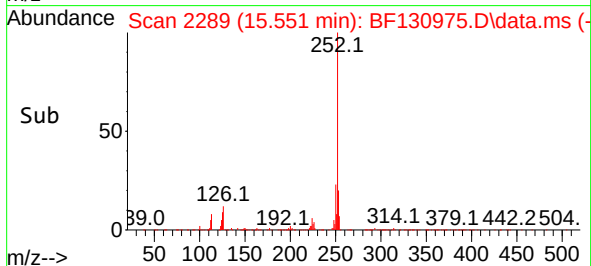
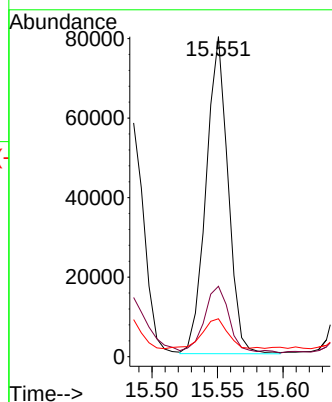
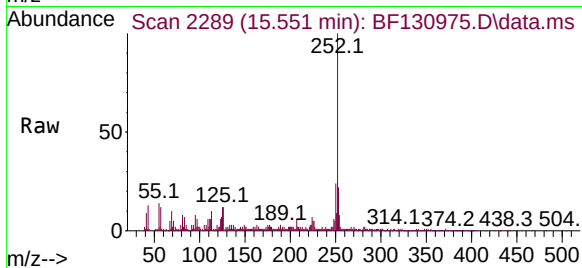
Tgt Ion:252 Resp: 92949

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 11.8 8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 2.069 ng

RT: 17.156 min Scan# 2562

Delta R.T. -0.006 min

Lab File: BF130975.D

Acq: 03 Nov 2022 23:34

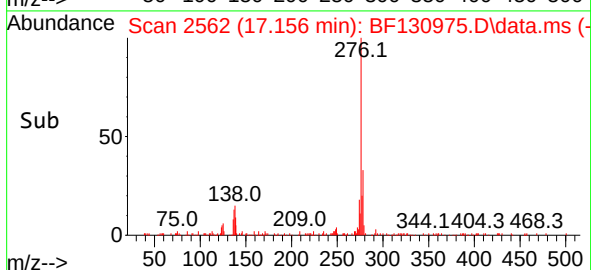
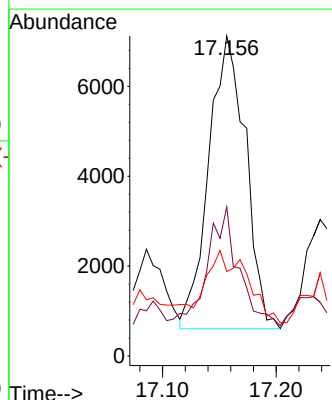
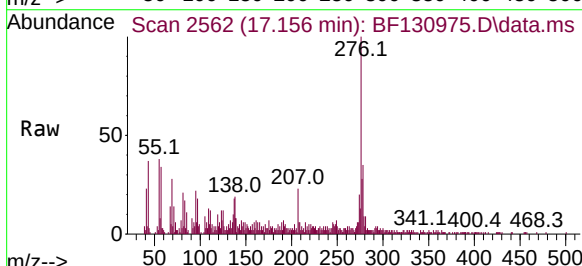
Tgt Ion:278 Resp: 14691

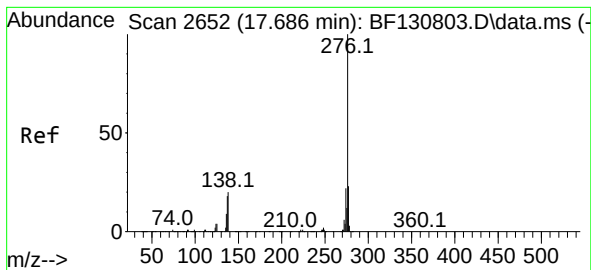
Ion Ratio Lower Upper

278 100

139 46.5 11.9 17.9#

279 26.4 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 7.553 ng

RT: 17.609 min Scan# 2

Delta R.T. -0.000 min

Lab File: BF130975.D

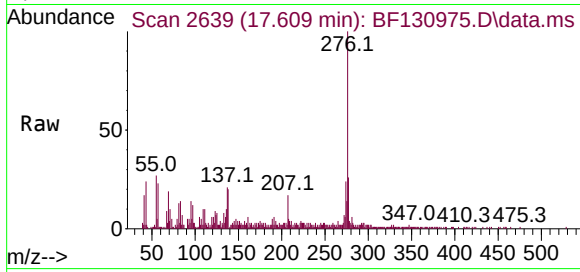
Acq: 03 Nov 2022 23:34

Instrument :

BNA_F

ClientSampleId :

TP-H



Tgt Ion:276 Resp: 54699

Ion Ratio Lower Upper

276 100

277 25.7 18.8 28.2

138 20.1 16.3 24.5

