

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132006.D
 Acq On : 10 Jan 2023 20:29
 Operator : CG\JU
 Sample : N6243-08RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Quant Time: Jan 11 00:39:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

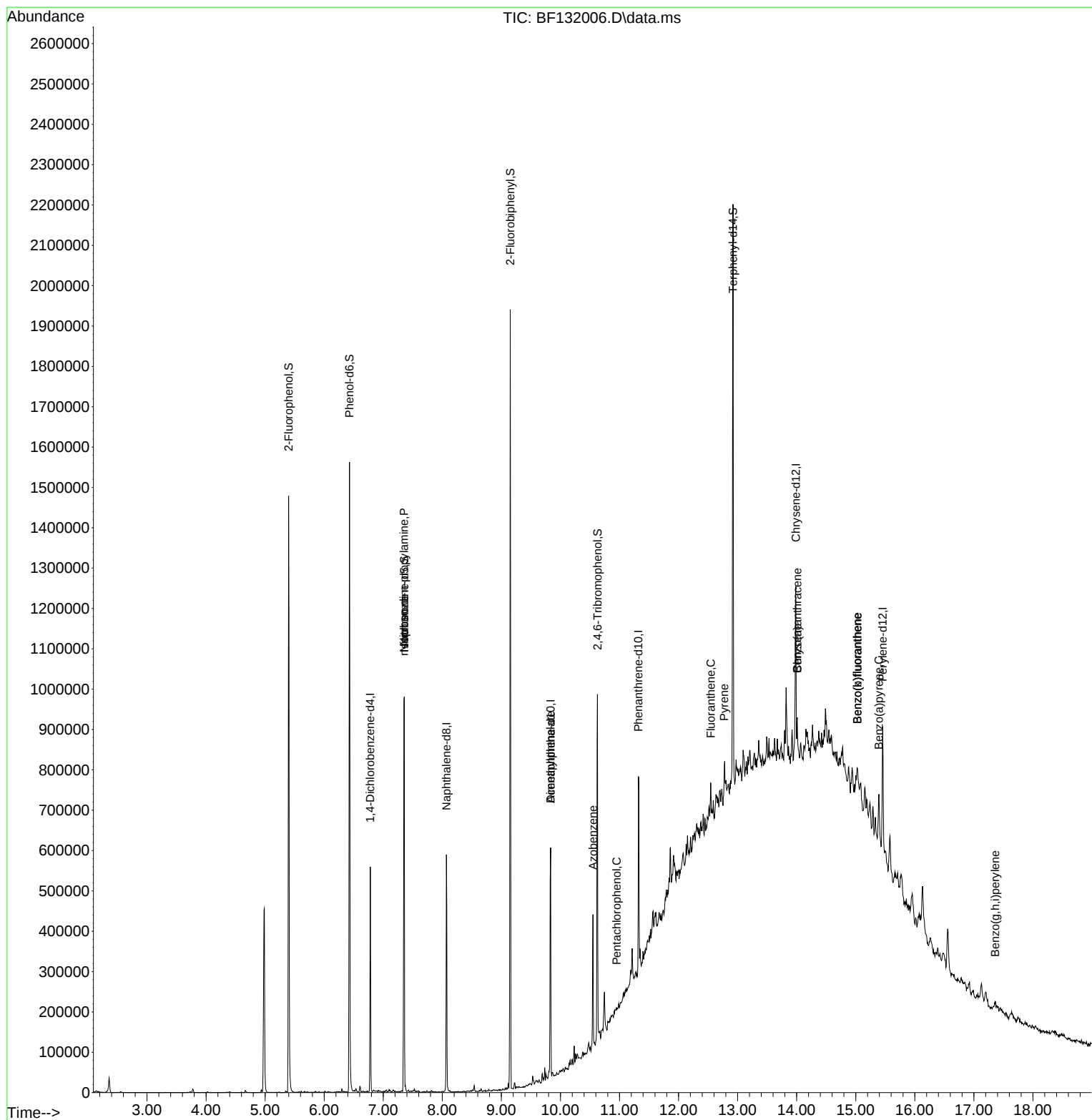
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67592	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	229266	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	111495	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	171659	20.000	ng	#-0.01
76) Chrysene-d12	13.986	240	131235	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	117998	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	372256	90.750	ng	0.00
7) Phenol-d6	6.428	99	466918	85.850	ng	0.00
23) Nitrobenzene-d5	7.357	82	343125	62.115	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	90903	70.910	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	523272	63.357	ng	-0.01
79) Terphenyl-d14	12.921	244	431073	47.079	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	48144	12.237	ng	# 82
25) Isophorone	7.357	82	343033	33.241	ng	# 69
50) Dimethylphthalate	9.833	163	23212	2.671	ng	# 1
63) Azobenzene	10.551	77	57913	6.388	ng	# 1
70) Pentachlorophenol	10.951	266	72	4.417	ng	# 17
75) Fluoranthene	12.545	202	32665	3.246	ng	93
78) Pyrene	12.774	202	33008	2.758	ng	# 92
81) Benzo(a)anthracene	14.010	228	43496	4.556	ng	92
83) Chrysene	14.010	228	43496	4.875	ng	97
88) Benzo(b)fluoranthene	15.027	252	36705	4.535	ng	# 60
89) Benzo(k)fluoranthene	15.027	252	36705	4.544	ng	# 59
90) Benzo(a)pyrene	15.392	252	16552	2.270	ng	# 66
92) Benzo(g,h,i)perylene	17.362	276	13562	5.459	ng	# 85

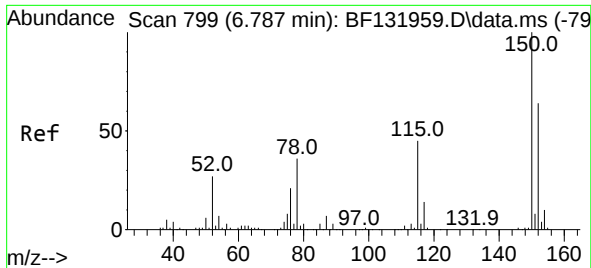
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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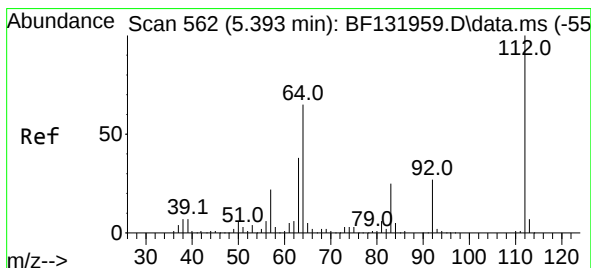
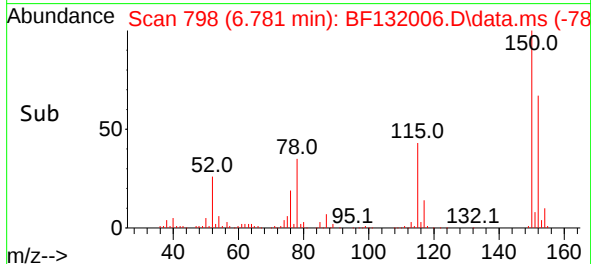
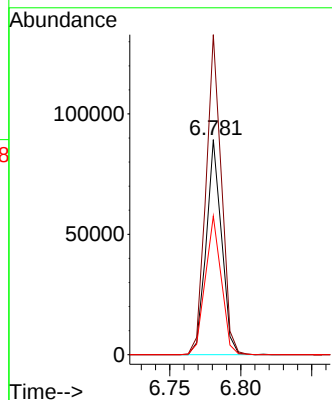
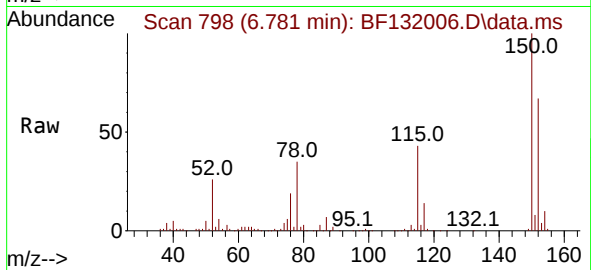




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132006.D
 Acq: 10 Jan 2023 20:29

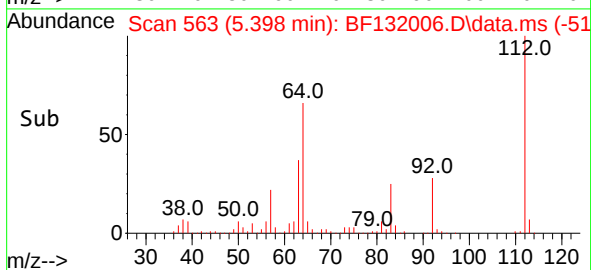
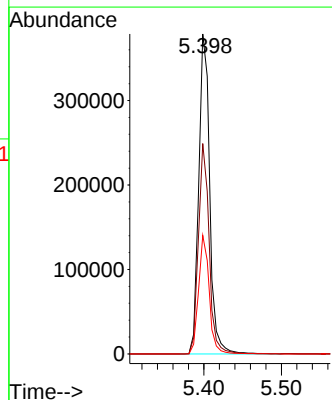
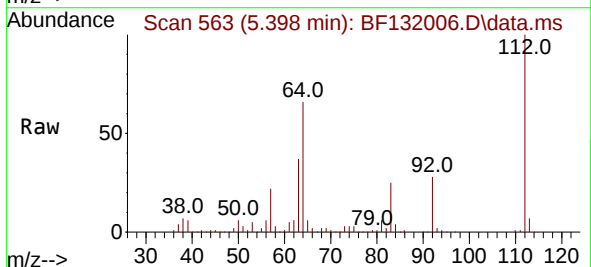
Instrument :
 BNA_F
 ClientSampleId :
 PE-8

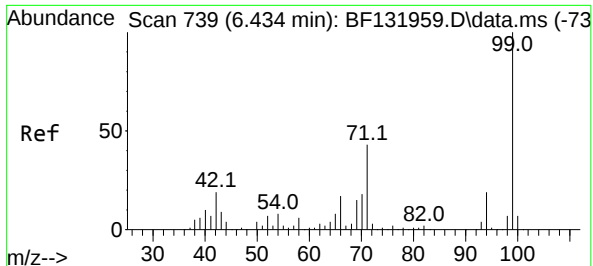
Tgt Ion:152 Resp: 67592
 Ion Ratio Lower Upper
 152 100
 150 148.8 124.6 186.8
 115 64.4 55.6 83.4



#5
 2-Fluorophenol
 Concen: 90.750 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF132006.D
 Acq: 10 Jan 2023 20:29

Tgt Ion:112 Resp: 372256
 Ion Ratio Lower Upper
 112 100
 64 65.8 51.9 77.9
 63 37.1 30.2 45.2

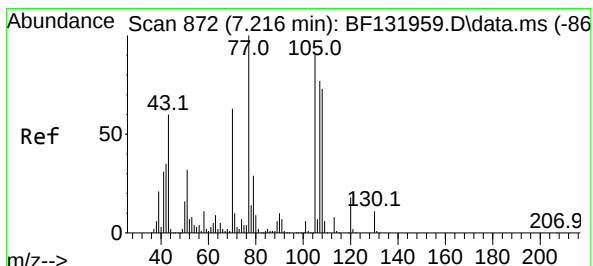
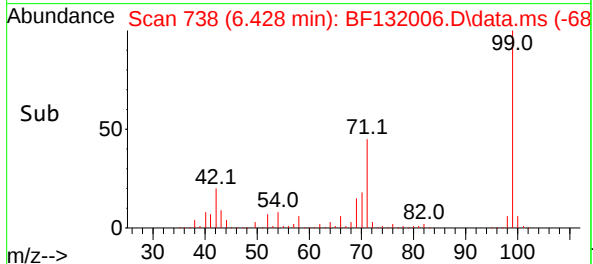
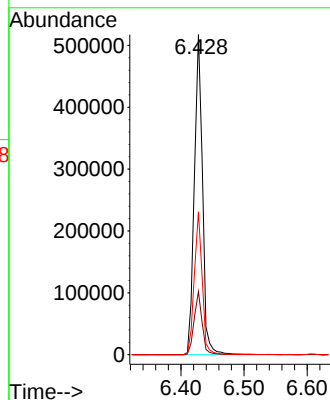
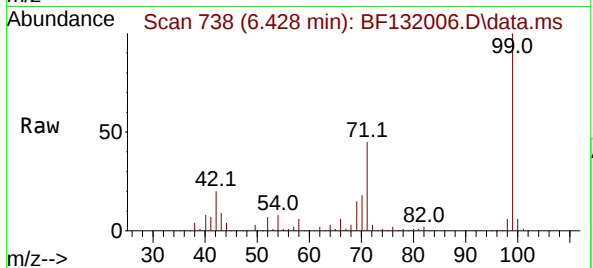




#7
Phenol-d6
Concen: 85.850 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

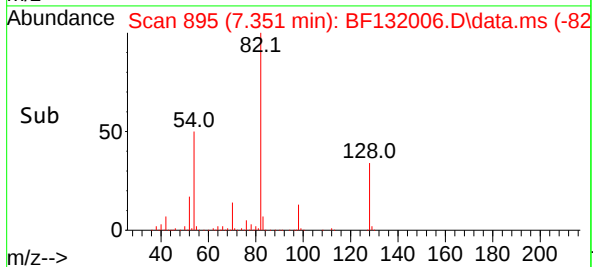
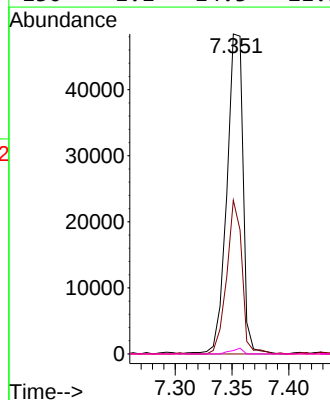
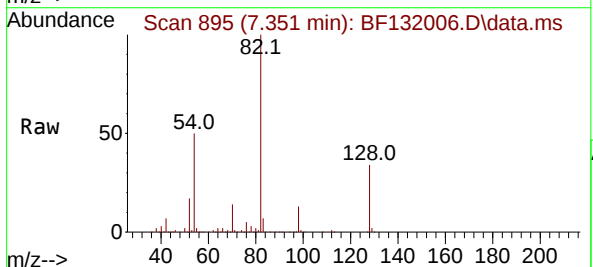
Instrument :
BNA_F
ClientSampleId :
PE-8

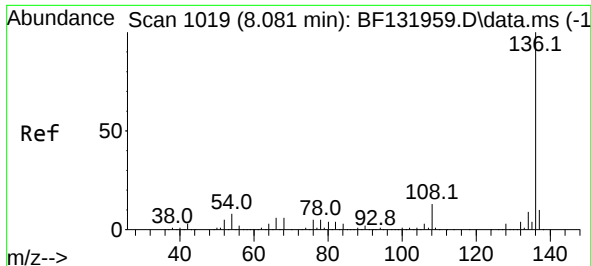
Tgt Ion: 99 Resp: 466918
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.7 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.237 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion: 70 Resp: 48144
Ion Ratio Lower Upper
70 100
42 48.1 44.3 66.5
101 0.0 7.5 11.3#
130 1.1 14.3 21.5#

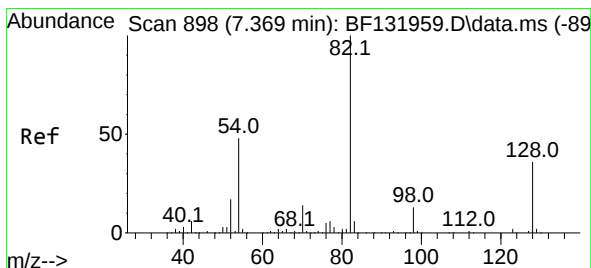
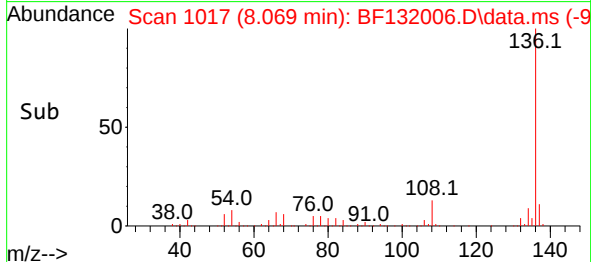
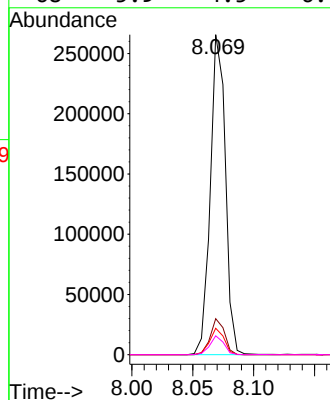
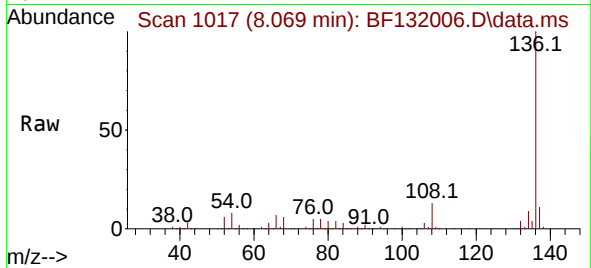




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

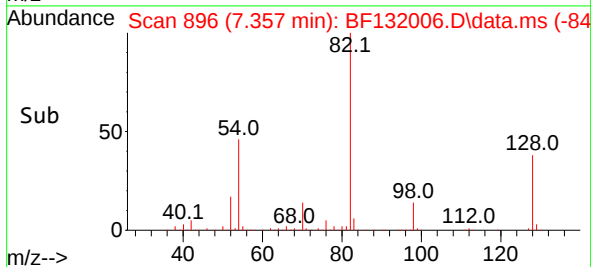
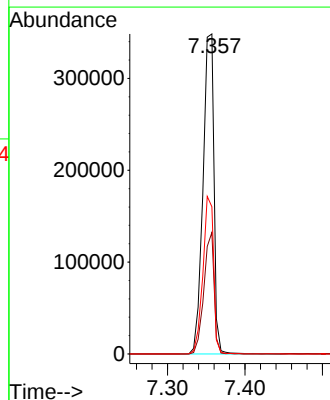
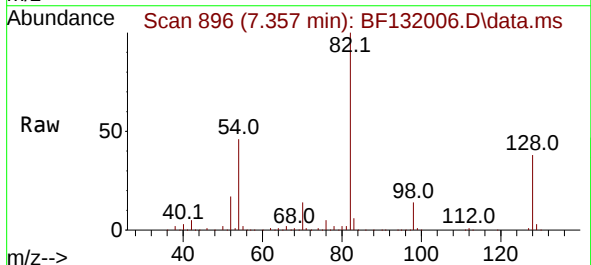
Instrument :
BNA_F
ClientSampleId :
PE-8

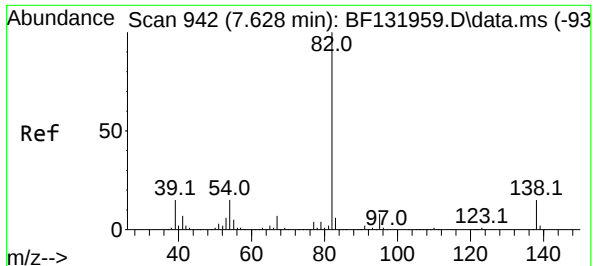
Tgt Ion	136	Resp: Lower	229266	Upper
136	100			
137	11.3	8.2		12.2
54	8.2	6.6		9.8
68	5.9	4.5		6.7



#23
Nitrobenzene-d5
Concen: 62.115 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion: 82	Resp: 343125
Ion Ratio	Lower Upper
82 100	
128 38.0	28.7 43.1
54 46.0	38.1 57.1

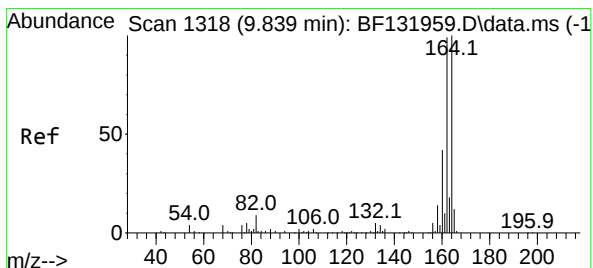
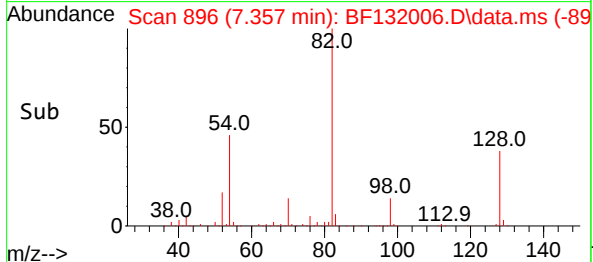
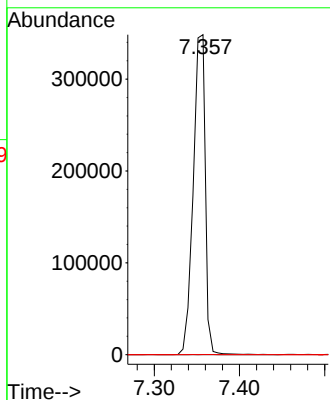
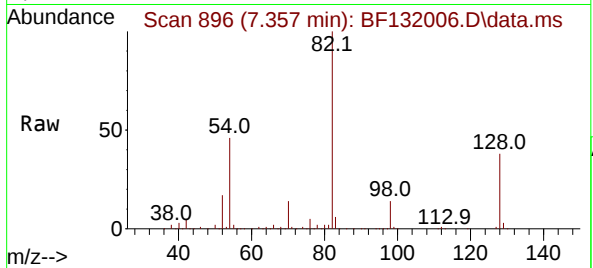




#25
Isophorone
Concen: 33.241 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

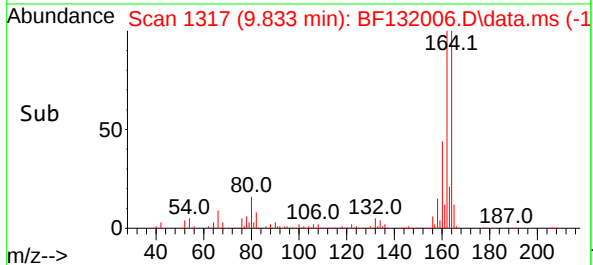
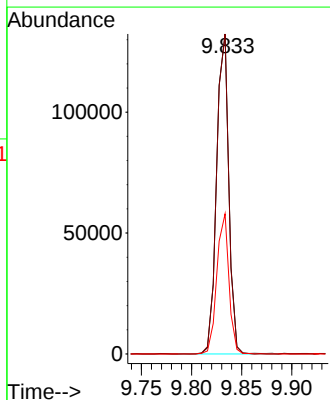
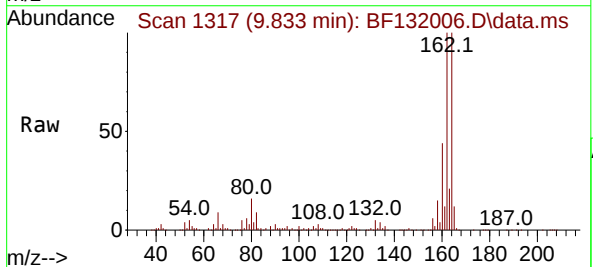
Instrument :
BNA_F
ClientSampleId :
PE-8

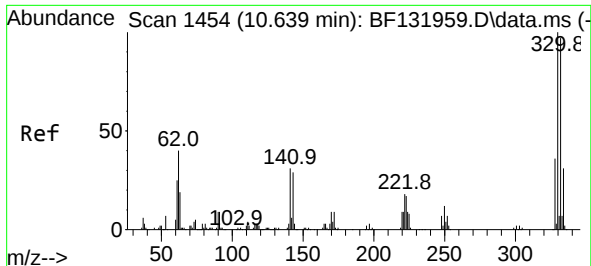
Tgt Ion: 82 Resp: 343033
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion: 164 Resp: 111495
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.8 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 70.910 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

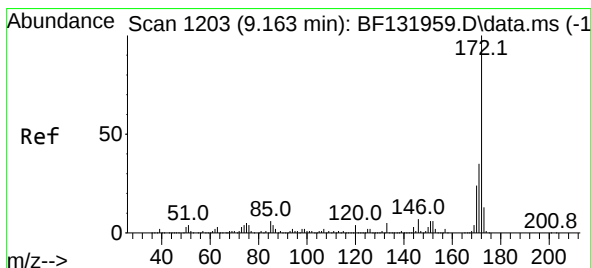
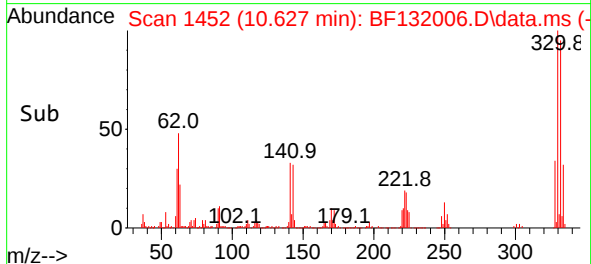
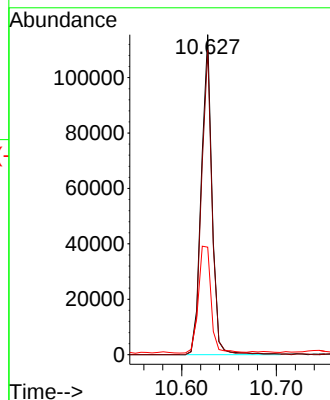
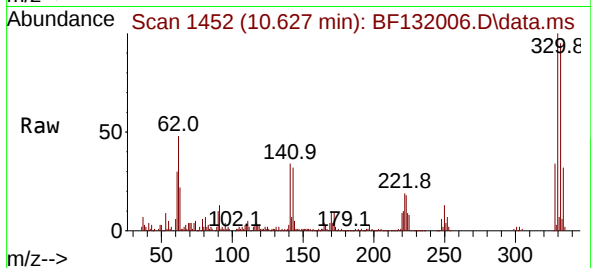
Tgt Ion:330 Resp: 90903

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 39.8 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 63.357 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

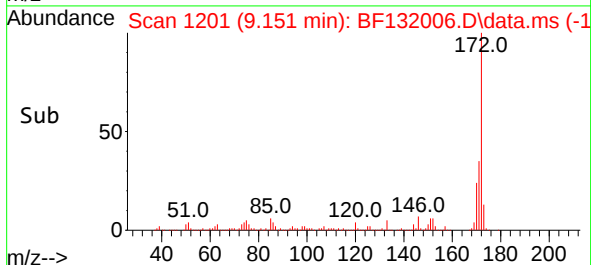
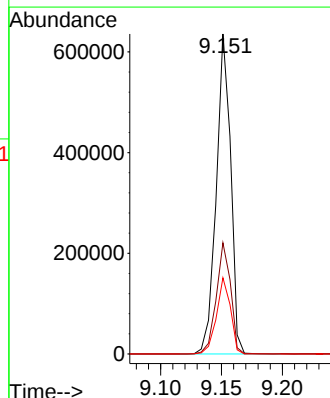
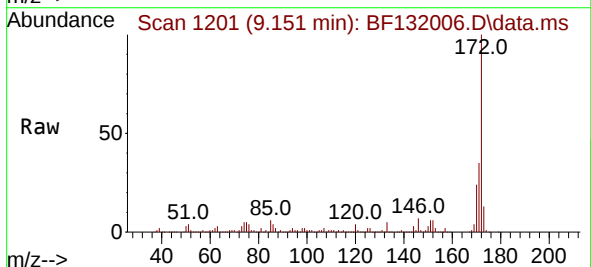
Tgt Ion:172 Resp: 523272

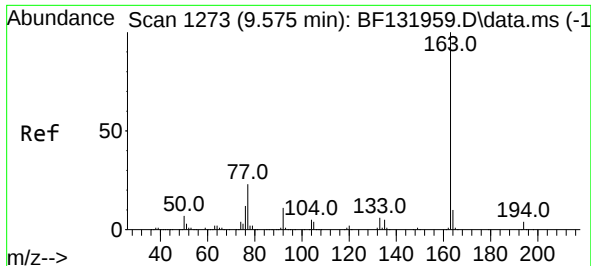
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.8 18.9 28.3

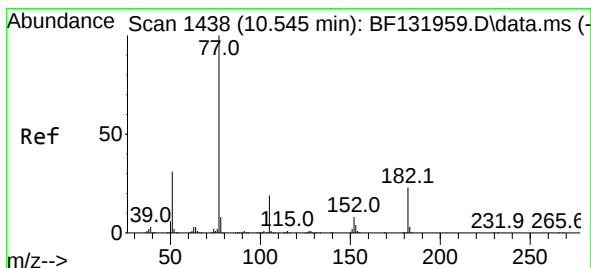
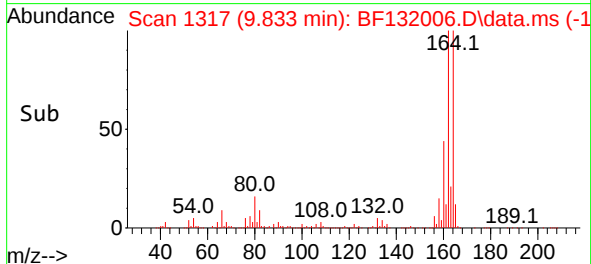
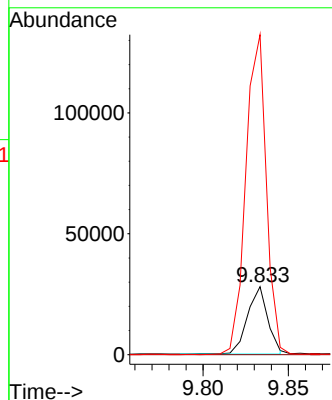
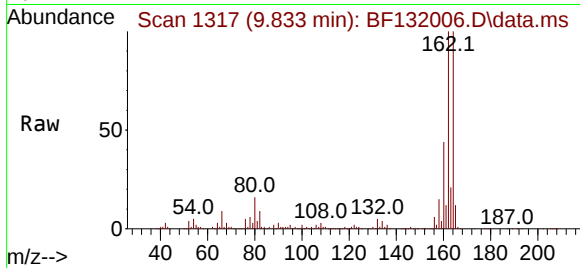




#50
Dimethylphthalate
Concen: 2.671 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

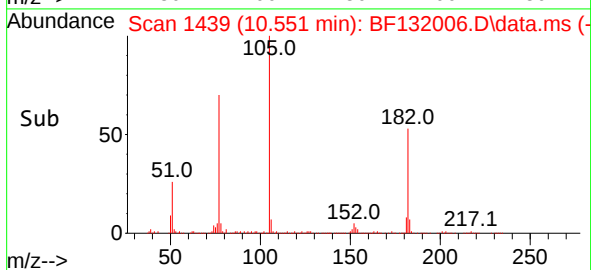
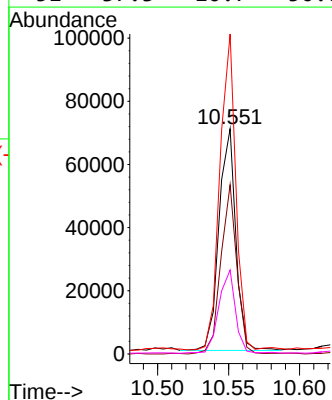
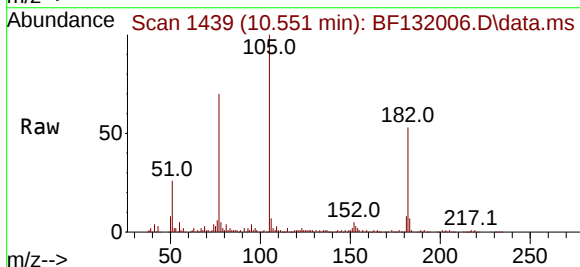
Instrument :
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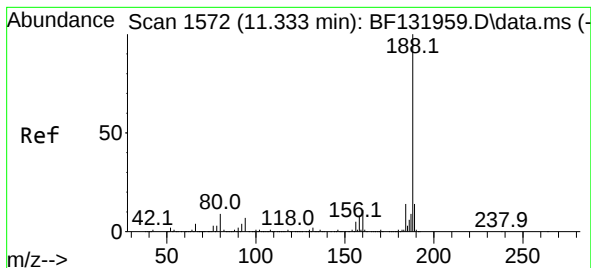
Tgt Ion:163 Resp: 23212
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 470.8 7.8 11.6#



#63
Azobenzene
Concen: 6.388 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion: 77 Resp: 57913
Ion Ratio Lower Upper
77 100
182 75.1 2.9 42.9#
105 142.0 0.0 39.3#
51 37.3 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

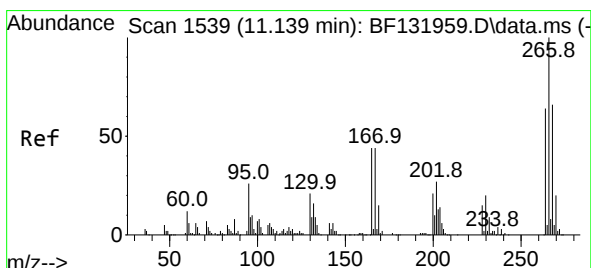
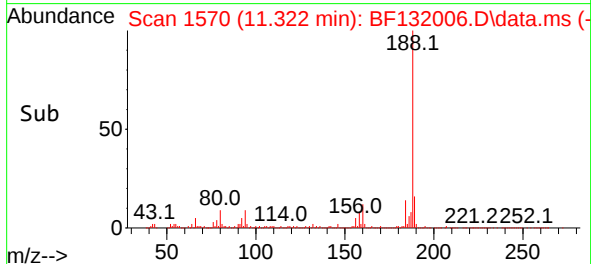
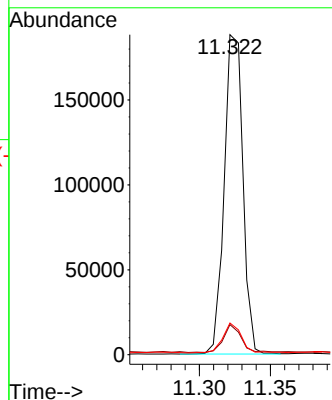
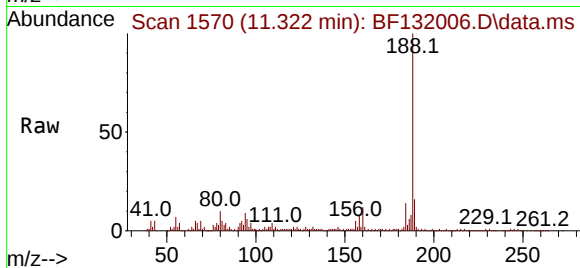
Tgt Ion:188 Resp: 171659

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.6#

80 9.9 7.4 11.0



#70

Pentachlorophenol

Concen: 4.417 ng

RT: 10.951 min Scan# 1507

Delta R.T. -0.188 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

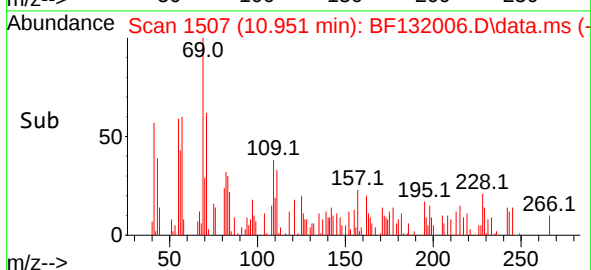
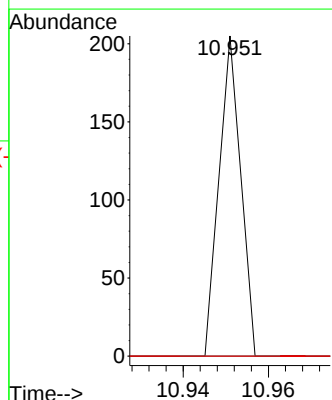
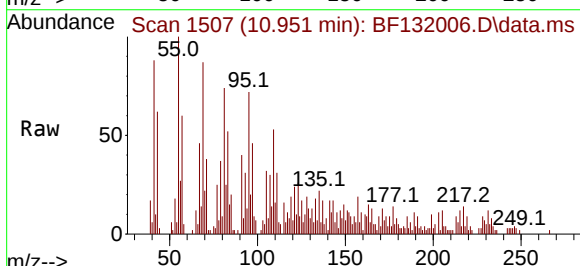
Tgt Ion:266 Resp: 72

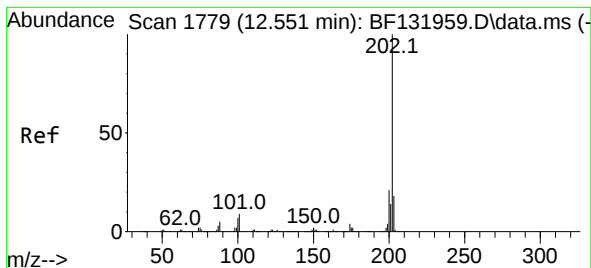
Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

264 0.0 51.6 77.4#





#75

Fluoranthene

Concen: 3.246 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

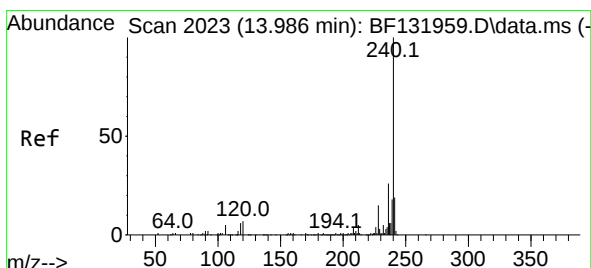
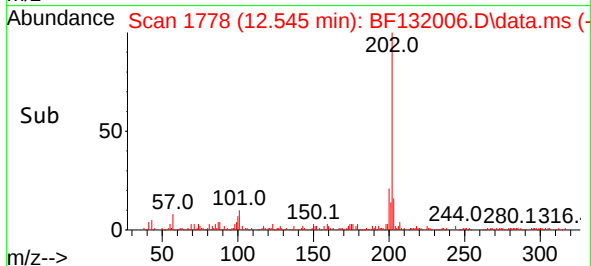
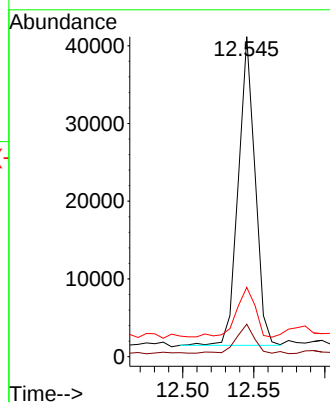
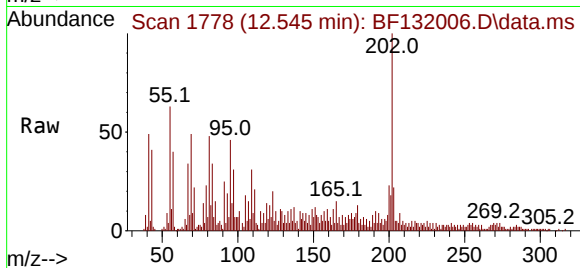
Tgt Ion:202 Resp: 32665

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.8

203 21.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

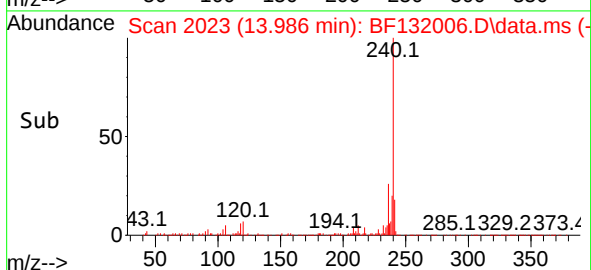
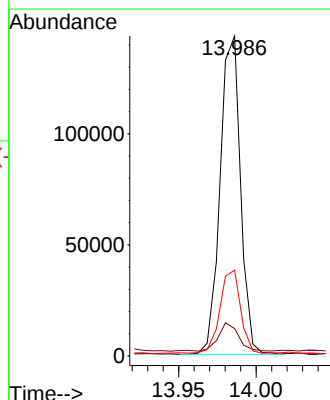
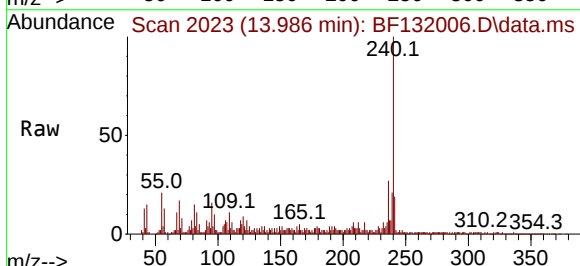
Tgt Ion:240 Resp: 131235

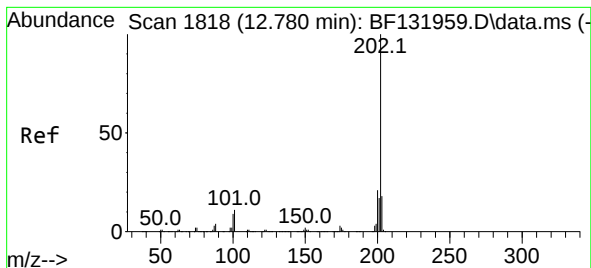
Ion Ratio Lower Upper

240 100

120 8.5 5.4 8.0#

236 26.8 21.1 31.7





#78

Pyrene

Concen: 2.758 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

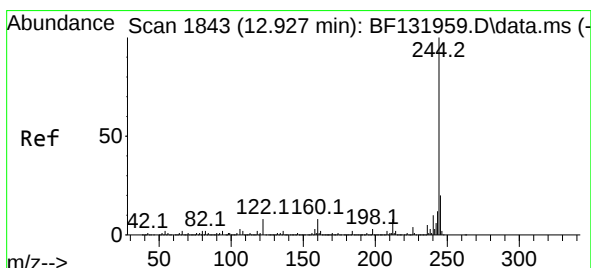
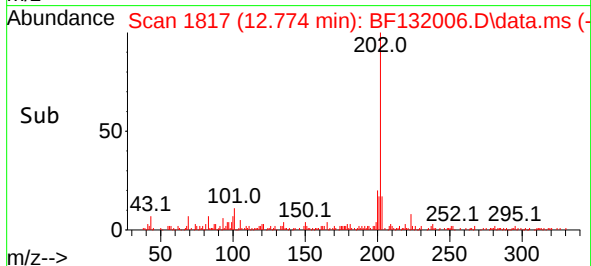
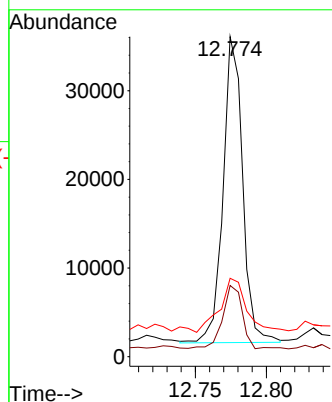
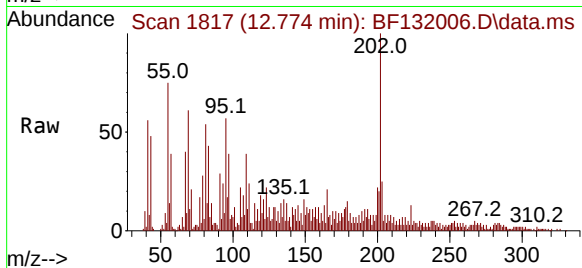
Tgt Ion:202 Resp: 33008

Ion Ratio Lower Upper

202 100

200 22.3 17.0 25.6

203 24.5 14.1 21.1#



#79

Terphenyl-d14

Concen: 47.079 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

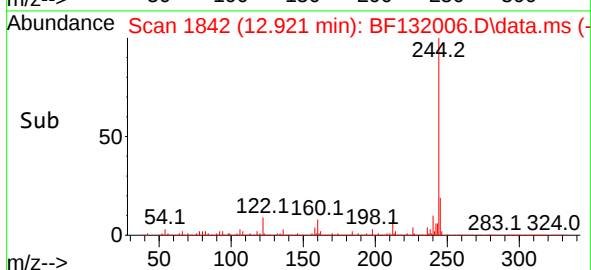
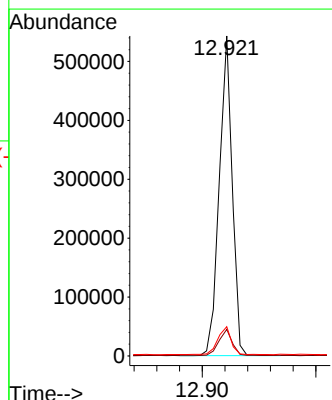
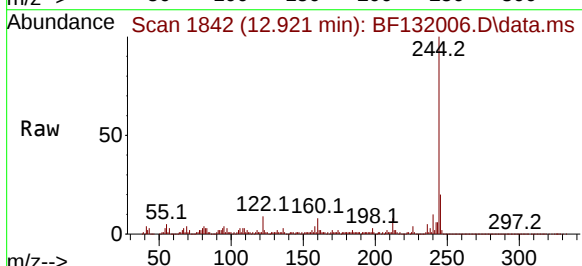
Tgt Ion:244 Resp: 431073

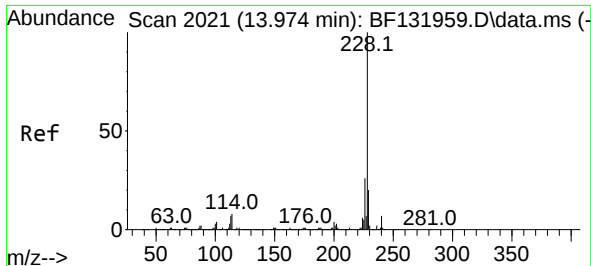
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 9.2 6.8 10.2

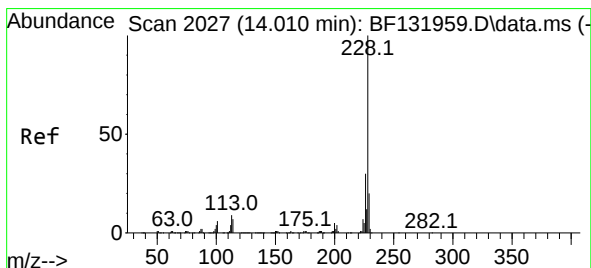
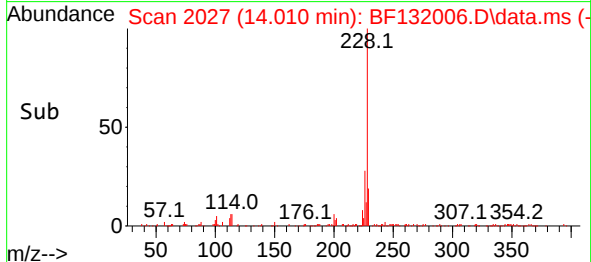
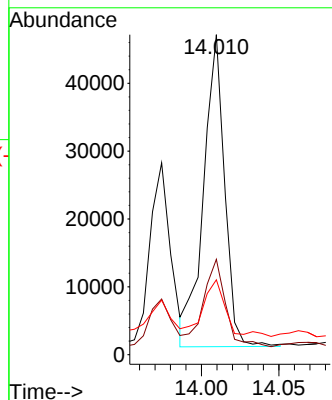
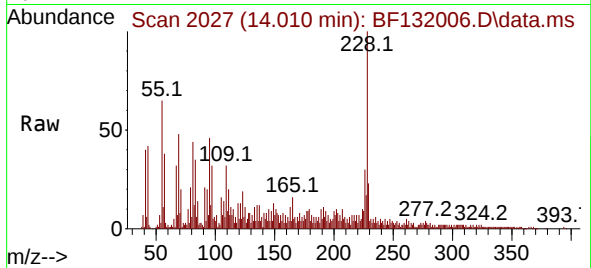




#81
Benzo(a)anthracene
Concen: 4.556 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.035 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

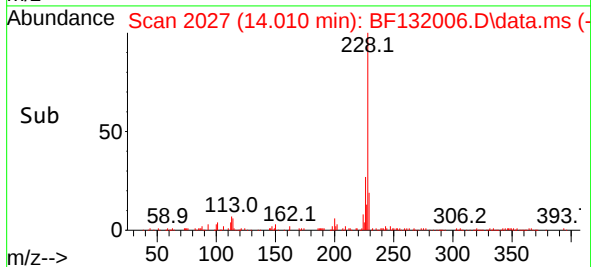
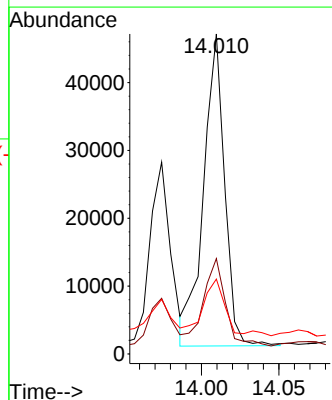
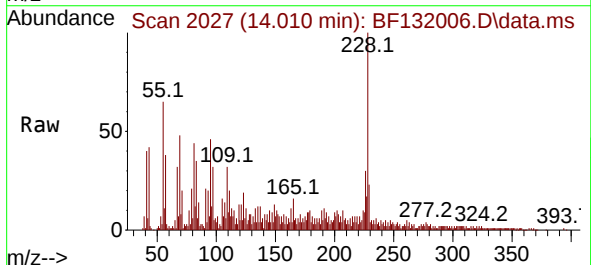
Instrument :
BNA_F
ClientSampleId :
PE-8

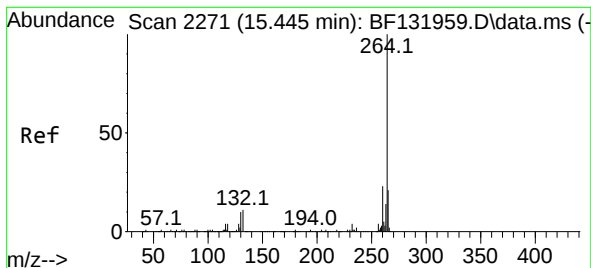
Tgt Ion:228 Resp: 43496
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.4
229 23.4 15.8 23.6



#83
Chrysene
Concen: 4.875 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion:228 Resp: 43496
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 23.4 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

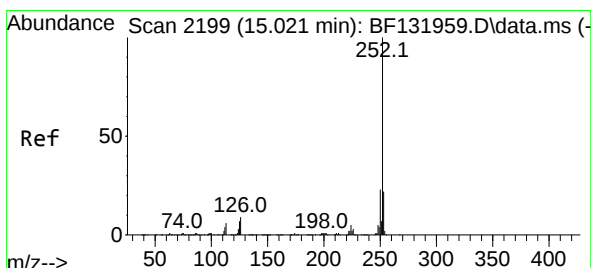
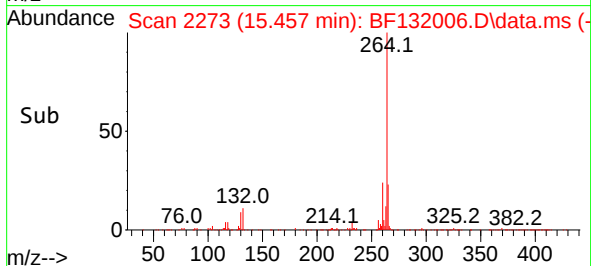
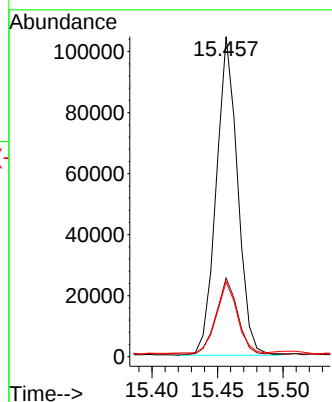
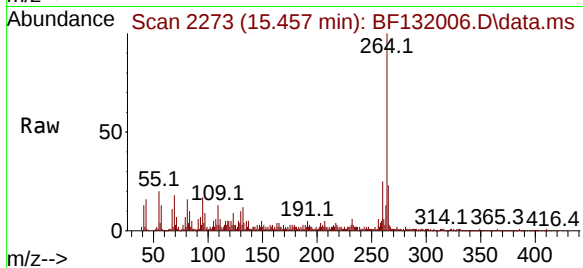
Tgt Ion:264 Resp: 117998

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 23.4 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 4.535 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

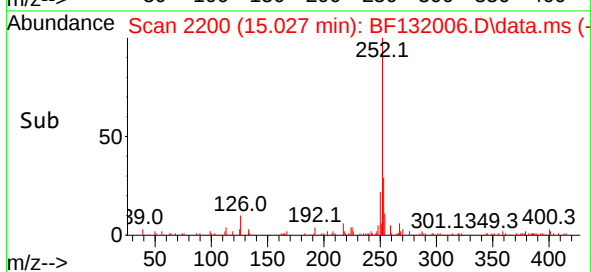
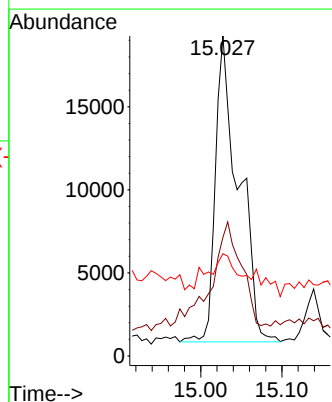
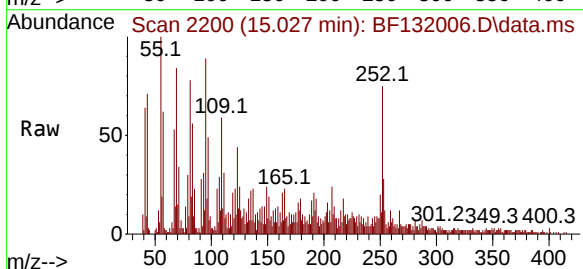
Tgt Ion:252 Resp: 36705

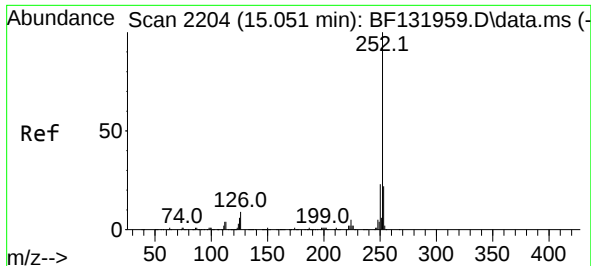
Ion Ratio Lower Upper

252 100

253 37.0 18.0 27.0#

125 32.0 5.8 8.6#

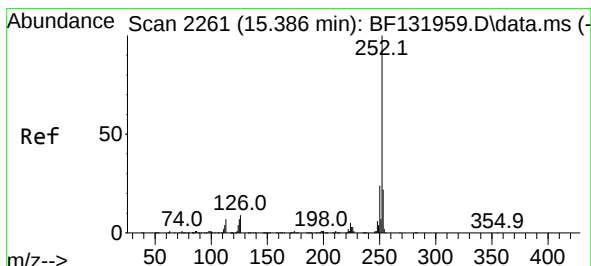
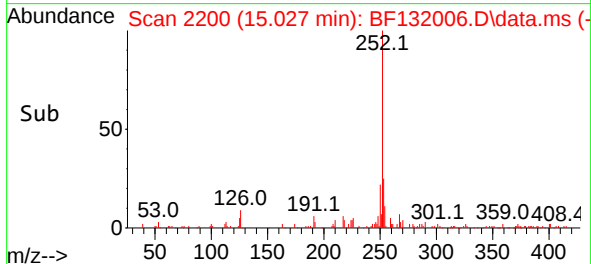
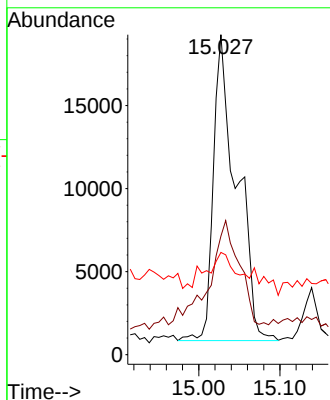
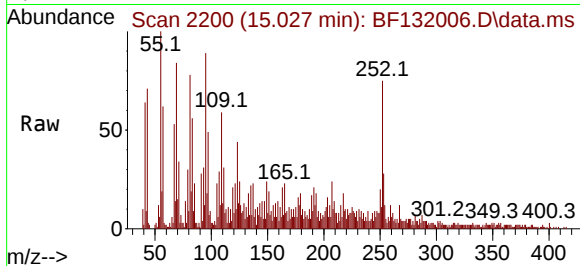




#89
Benzo(k)fluoranthene
Concen: 4.544 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

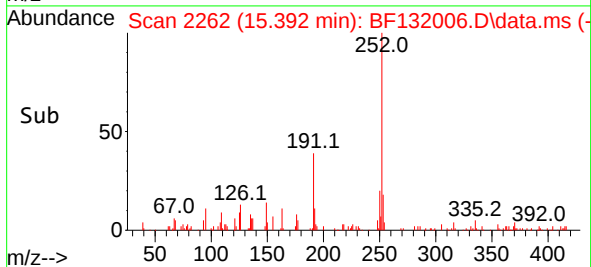
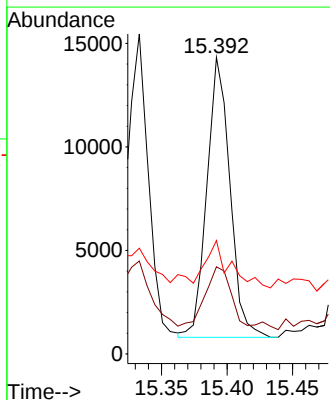
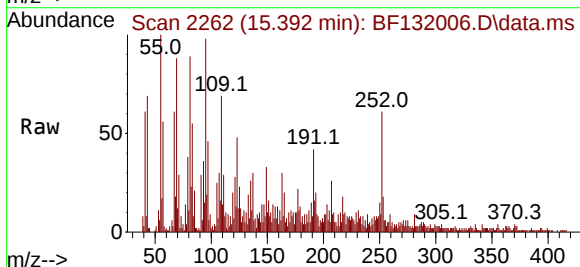
Instrument :
BNA_F
ClientSampleId :
PE-8

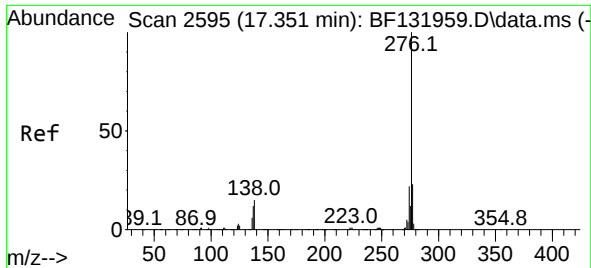
Tgt Ion:252 Resp: 36705
Ion Ratio Lower Upper
252 100
253 37.0 17.8 26.6#
125 32.0 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 2.270 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

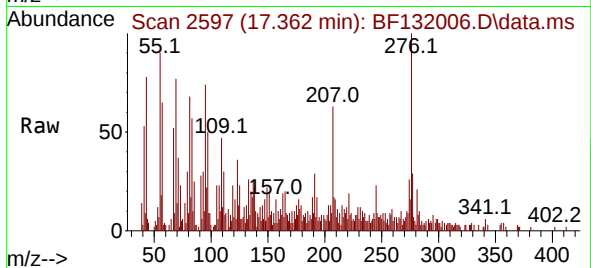
Tgt Ion:252 Resp: 16552
Ion Ratio Lower Upper
252 100
253 29.4 17.4 26.0#
125 38.2 5.7 8.5#





#92
 Benzo(g,h,i)perylene
 Concen: 5.459 ng
 RT: 17.362 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BF132006.D
 Acq: 10 Jan 2023 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PE-8



Tgt Ion:276 Resp: 13562
 Ion Ratio Lower Upper
 276 100
 277 29.0 18.2 27.2#
 138 22.3 11.7 17.5#

