

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132007.D
 Acq On : 10 Jan 2023 21:01
 Operator : CG\JU
 Sample : N6243-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6RE

Quant Time: Jan 11 00:40:05 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)

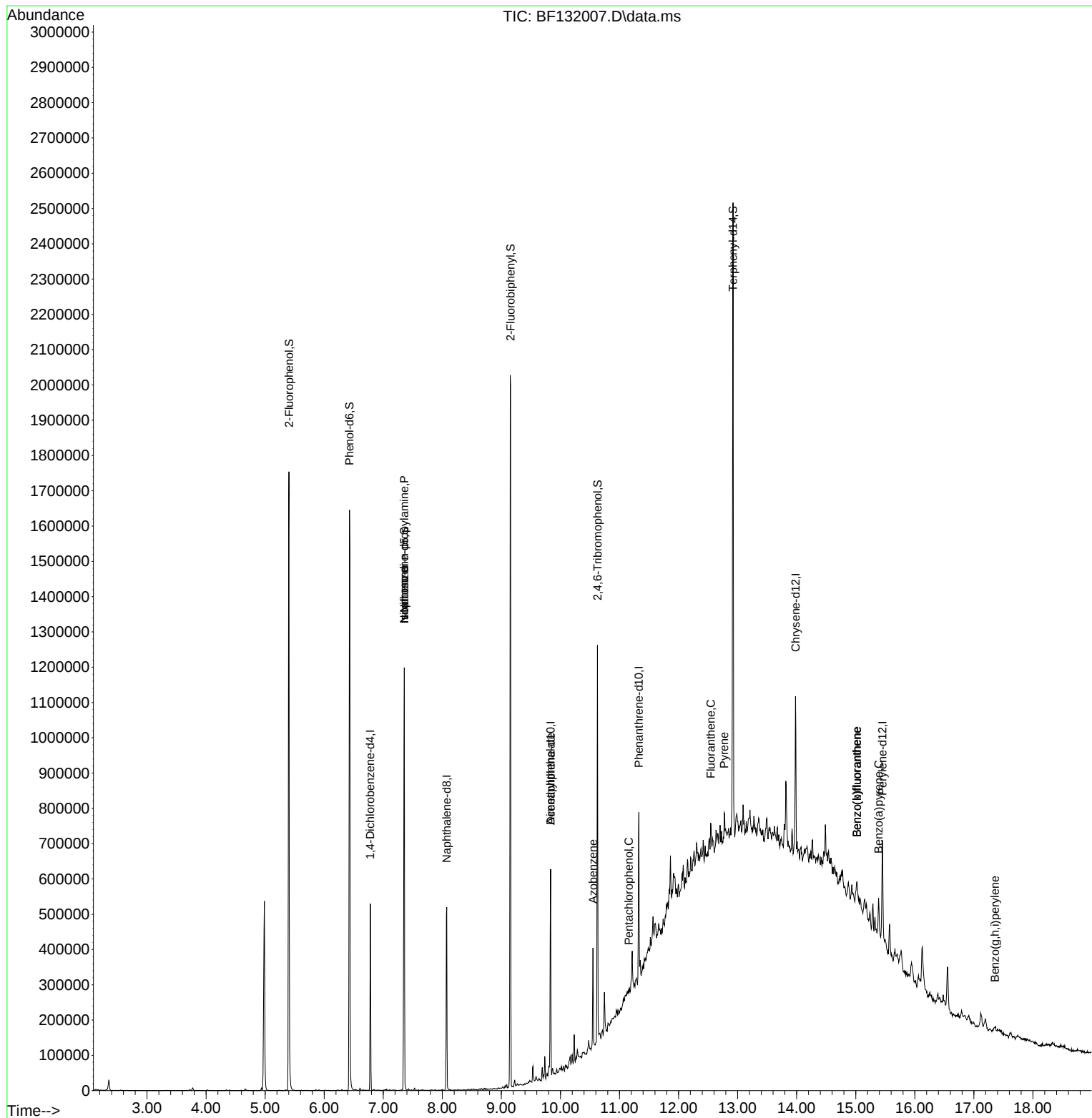
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66896	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	216169	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	102158	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	162192	20.000	ng	0.00
76) Chrysene-d12	13.980	240	134352	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	116515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	445643	109.771	ng	0.01
7) Phenol-d6	6.428	99	563236	104.637	ng	0.00
23) Nitrobenzene-d5	7.357	82	390435	74.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	106930	91.036	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	620112	81.944	ng	0.00
79) Terphenyl-d14	12.921	244	538949	57.495	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	56228	14.440	ng	# 77
25) Isophorone	7.357	82	387097	39.783	ng	# 69
50) Dimethylphthalate	9.833	163	21269	2.671	ng	# 1
63) Azobenzene	10.551	77	48772	5.872	ng	# 1
70) Pentachlorophenol	11.157	266	55	4.405	ng	# 30
75) Fluoranthene	12.545	202	29980	3.153	ng	91
78) Pyrene	12.774	202	31435	2.565	ng	# 91
88) Benzo(b)fluoranthene	15.021	252	30723	3.844	ng	# 62
89) Benzo(k)fluoranthene	15.021	252	30723	3.852	ng	# 61
90) Benzo(a)pyrene	15.386	252	14779	2.053	ng	# 60
92) Benzo(g,h,i)perylene	17.356	276	10962	5.108	ng	# 88

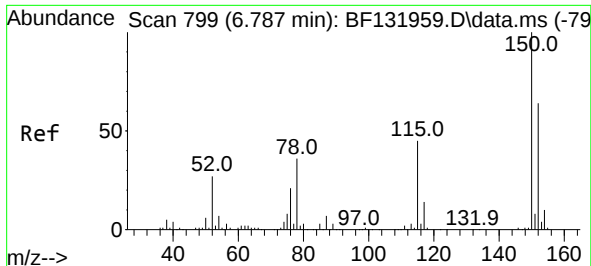
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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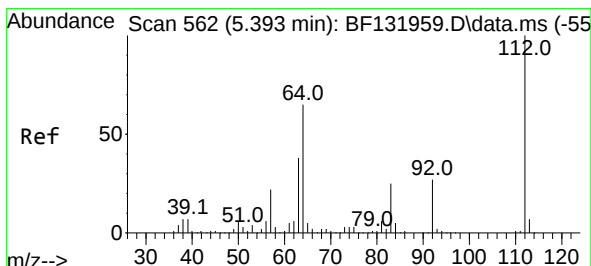
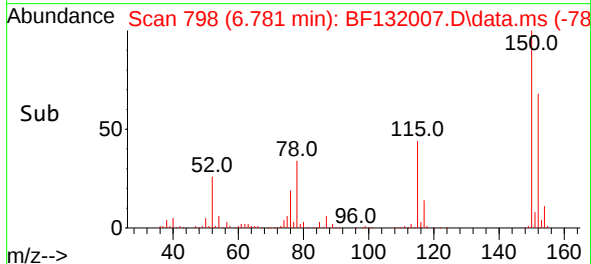
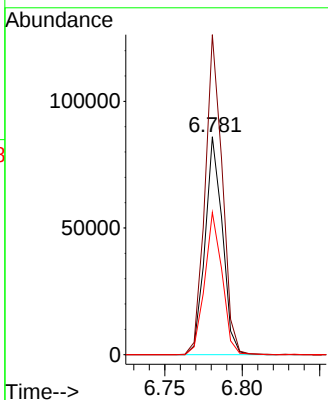
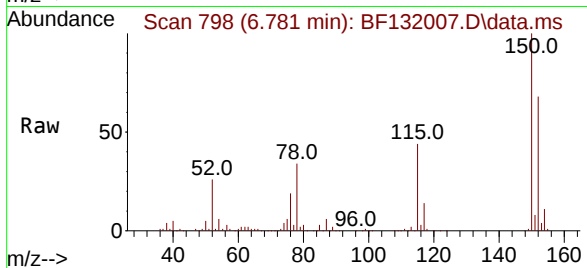




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132007.D
 Acq: 10 Jan 2023 21:01

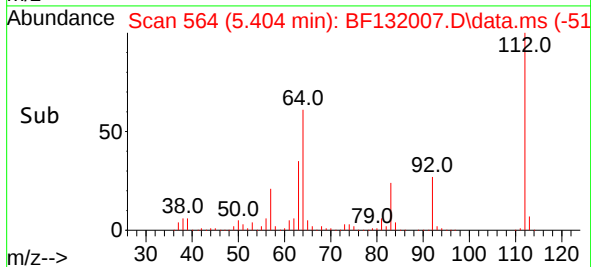
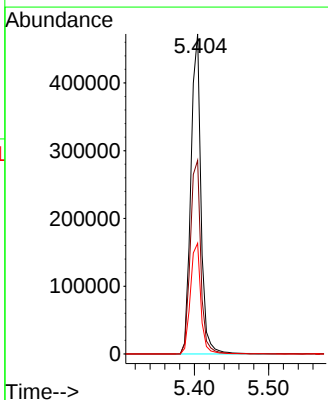
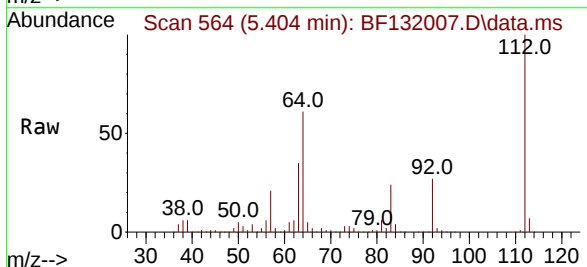
Instrument :
 BNA_F
 ClientSampleId :
 PE-6RE

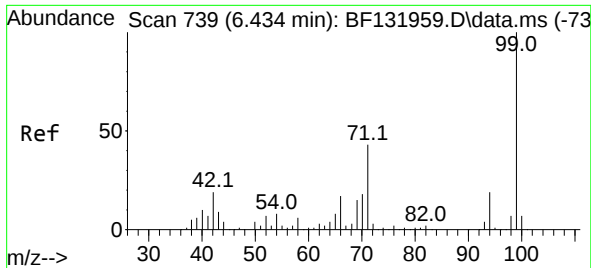
Tgt Ion:152 Resp: 66896
 Ion Ratio Lower Upper
 152 100
 150 146.9 124.6 186.8
 115 65.3 55.6 83.4



#5
 2-Fluorophenol
 Concen: 109.771 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF132007.D
 Acq: 10 Jan 2023 21:01

Tgt Ion:112 Resp: 445643
 Ion Ratio Lower Upper
 112 100
 64 60.5 51.9 77.9
 63 34.6 30.2 45.2

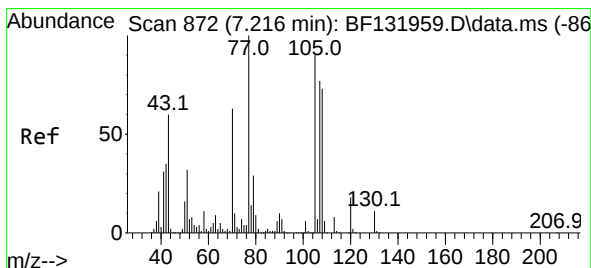
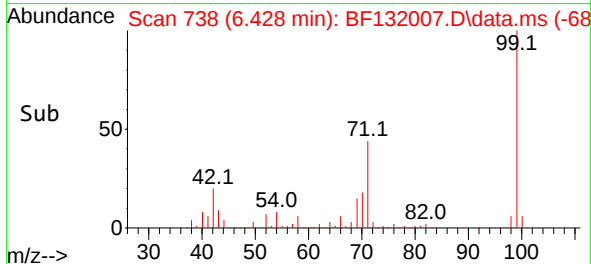
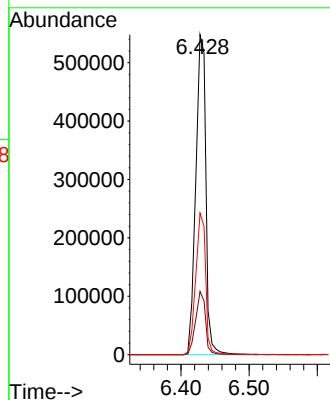
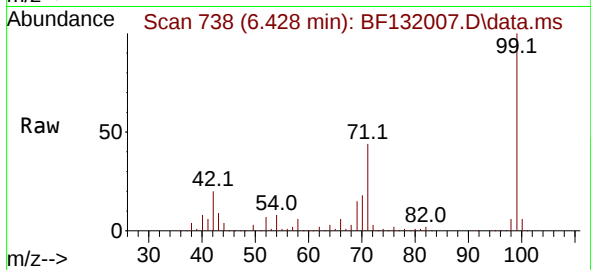




#7
Phenol-d6
Concen: 104.637 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

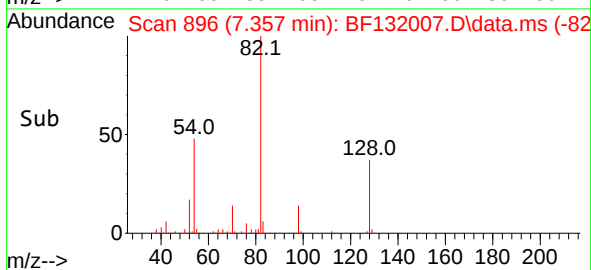
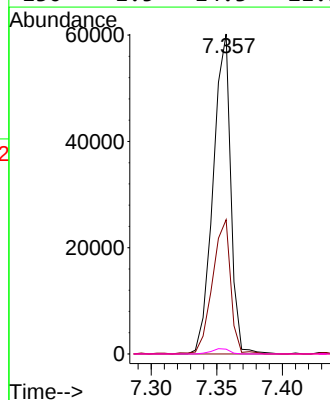
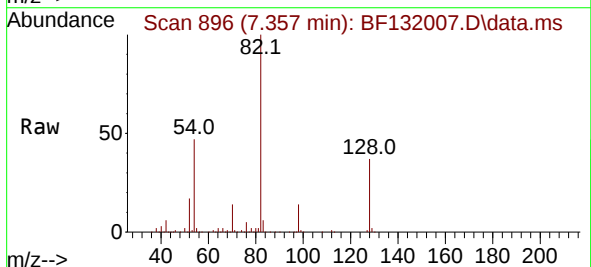
Instrument :
BNA_F
ClientSampleId :
PE-6RE

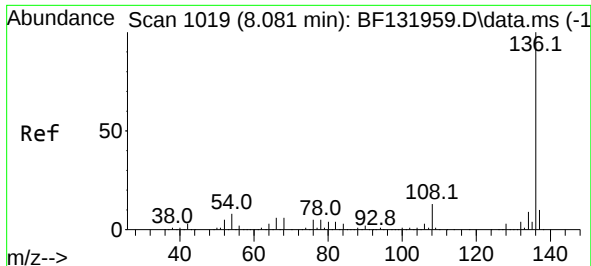
Tgt Ion: 99 Resp: 563236
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 44.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.440 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion: 70 Resp: 56228
Ion Ratio Lower Upper
70 100
42 42.0 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#

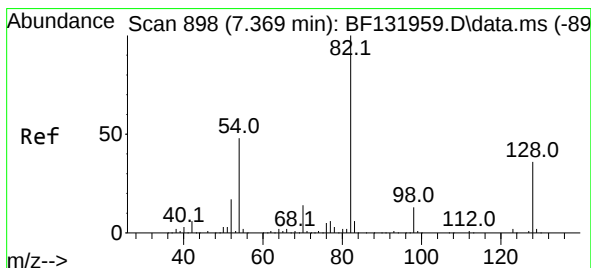
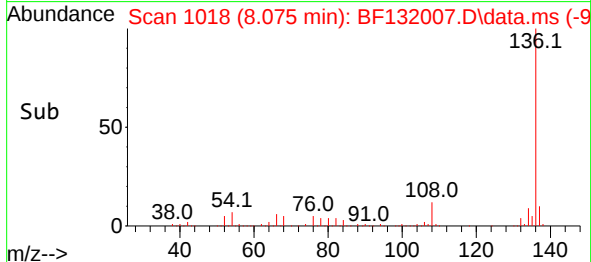
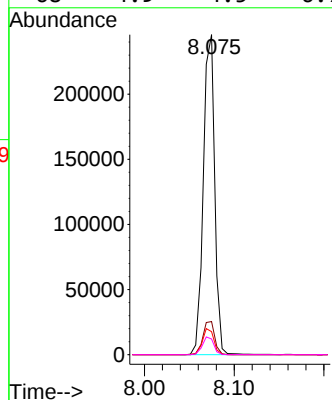
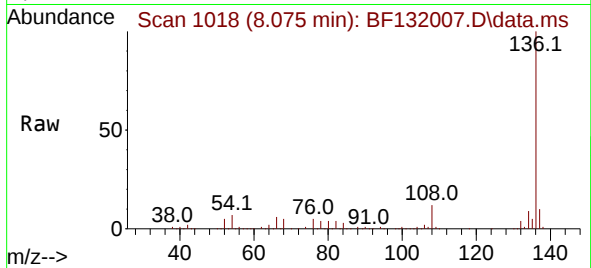




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

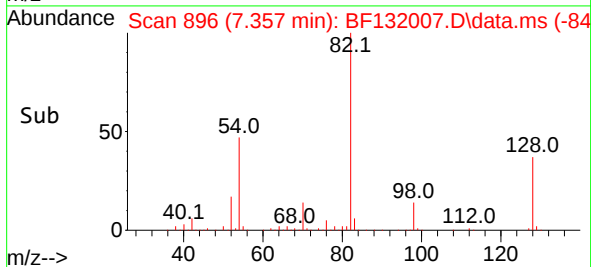
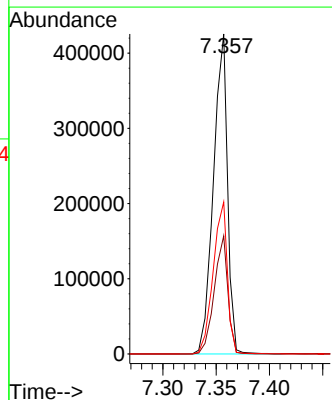
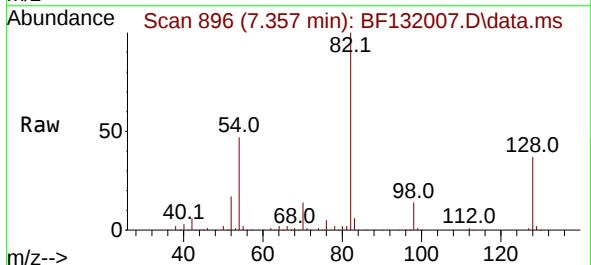
Instrument :
BNA_F
ClientSampleId :
PE-6RE

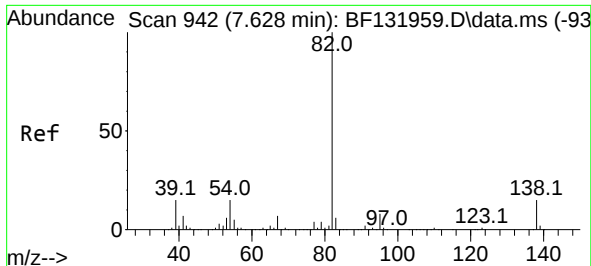
Tgt Ion:136	Resp: 216169
Ion Ratio	Lower Upper
136 100	
137 10.4	8.2 12.2
54 7.2	6.6 9.8
68 4.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 74.962 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion: 82	Resp: 390435
Ion Ratio	Lower Upper
82 100	
128 36.9	28.7 43.1
54 47.5	38.1 57.1

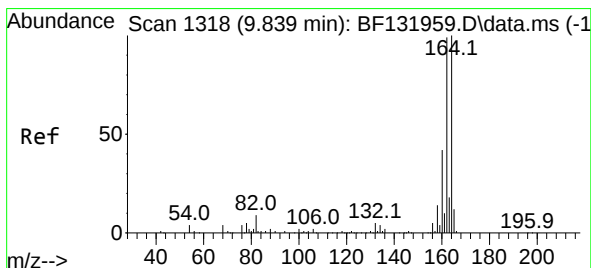
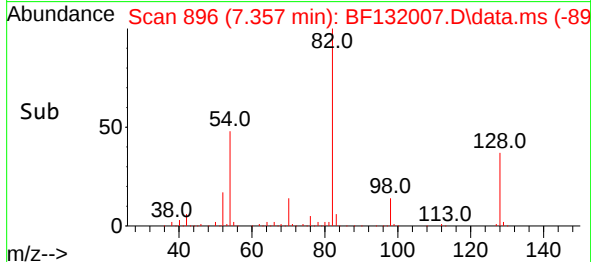
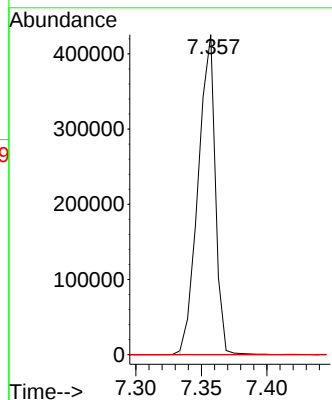
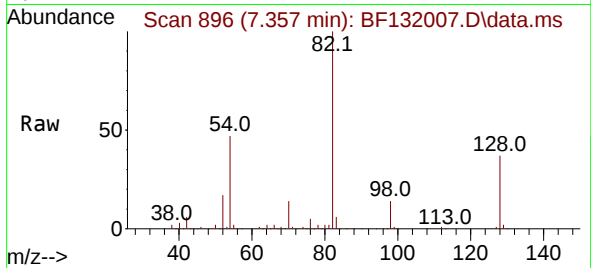




#25
Isophorone
Concen: 39.783 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

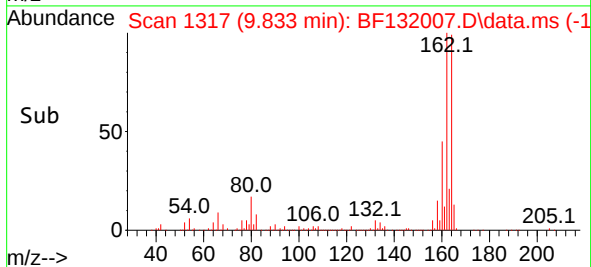
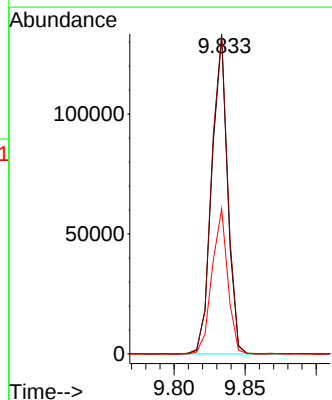
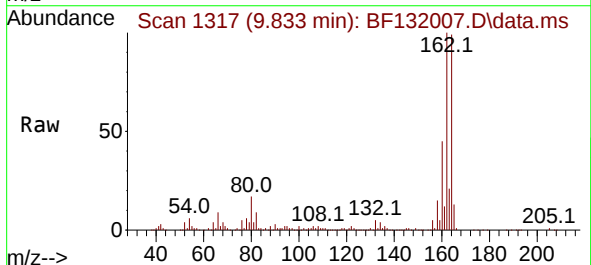
Instrument :
BNA_F
ClientSampleId :
PE-6RE

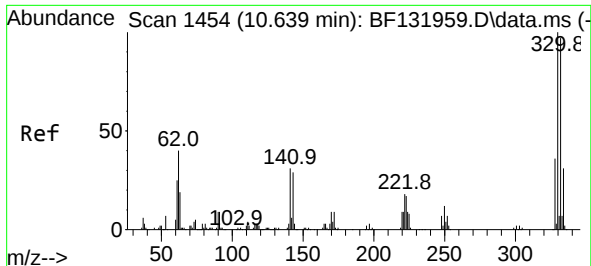
Tgt Ion: 82 Resp: 387097
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:164 Resp: 102158
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 45.6 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 91.036 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE

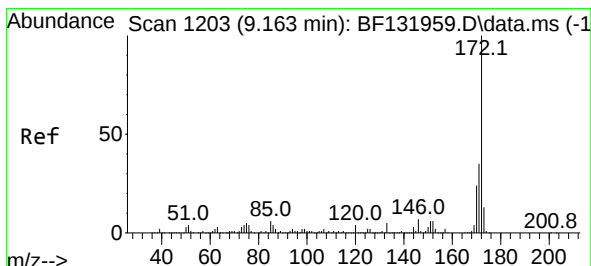
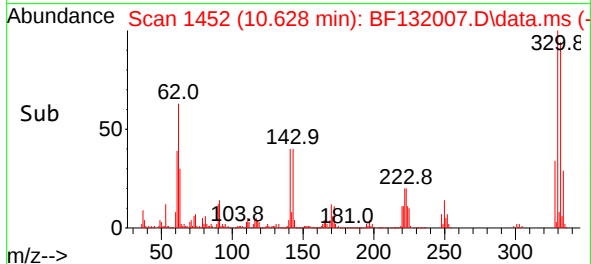
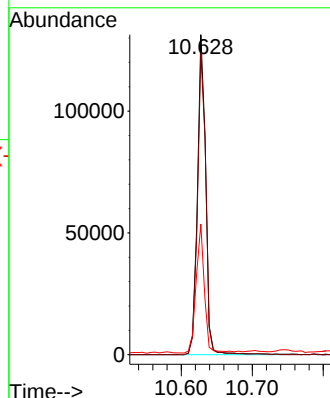
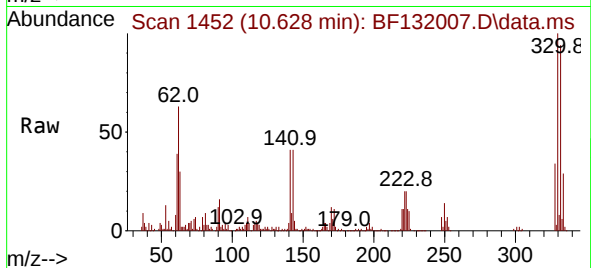
Tgt Ion:330 Resp: 106930

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 40.0 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 81.944 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

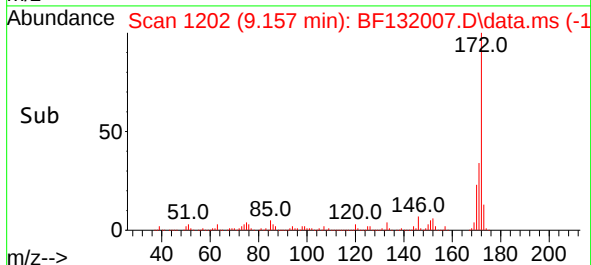
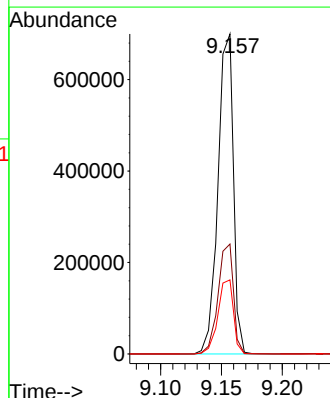
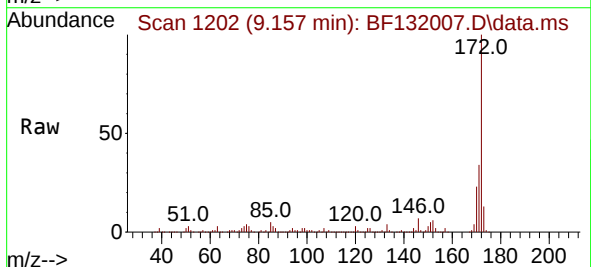
Tgt Ion:172 Resp: 620112

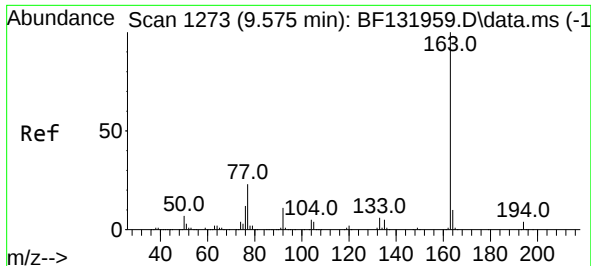
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.1 18.9 28.3

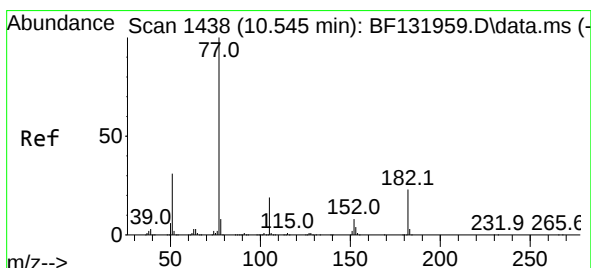
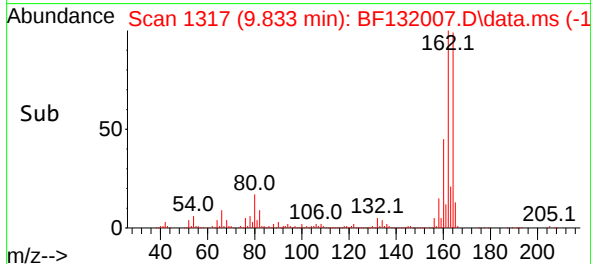
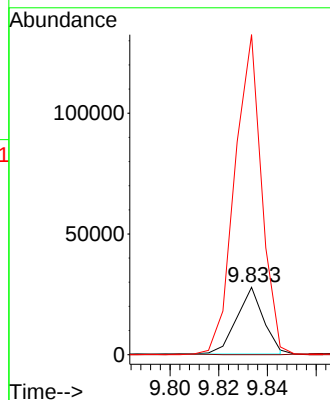
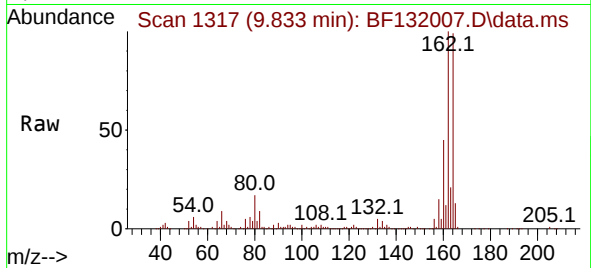




#50
Dimethylphthalate
Concen: 2.671 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

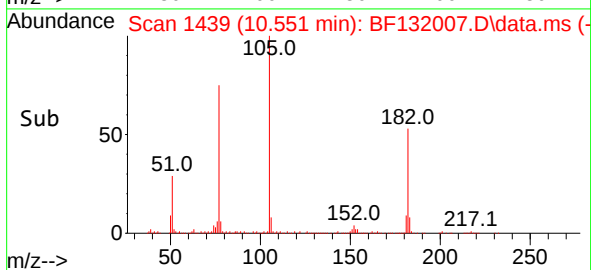
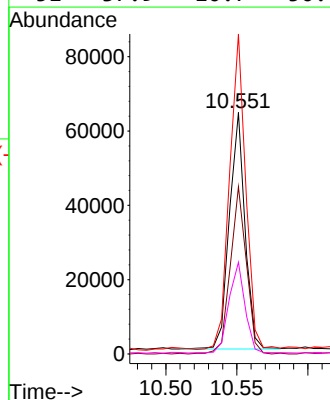
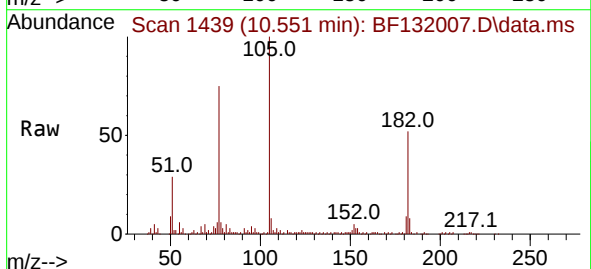
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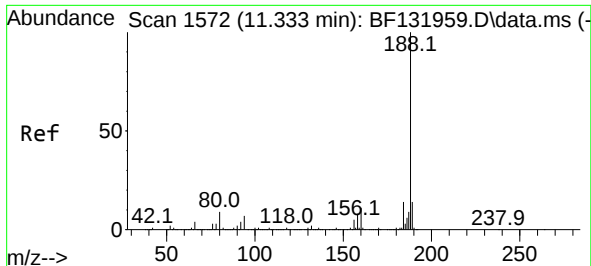
Tgt Ion:163 Resp: 21269
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 474.9 7.8 11.6#



#63
Azobenzene
Concen: 5.872 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion: 77 Resp: 48772
Ion Ratio Lower Upper
77 100
182 69.2 2.9 42.9#
105 132.6 0.0 39.3#
51 37.9 10.7 50.7

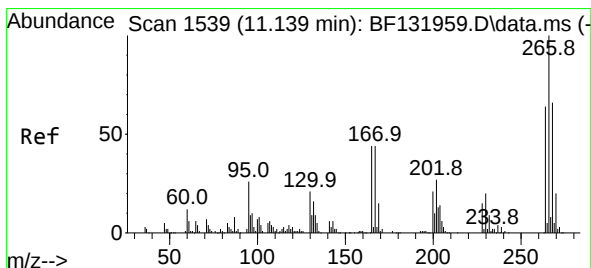
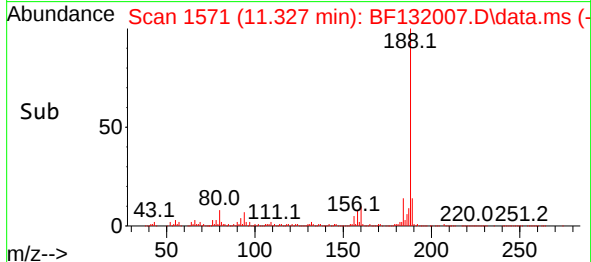
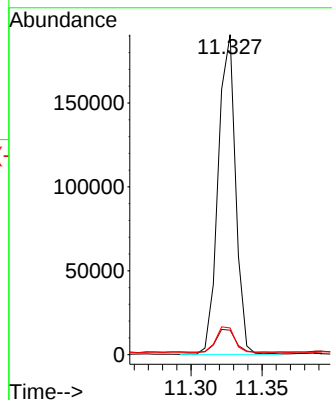
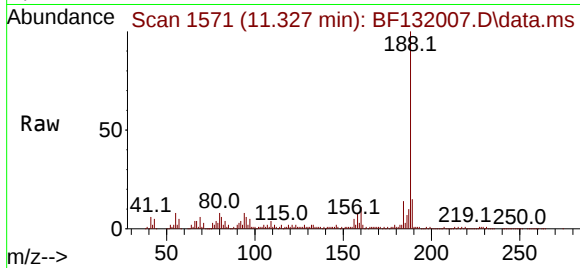




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

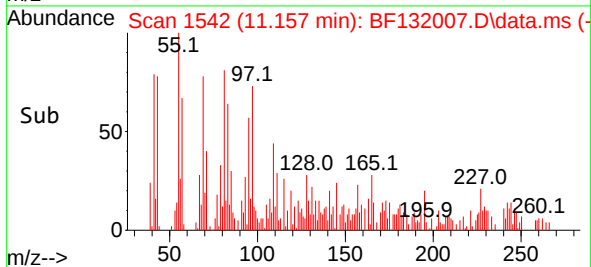
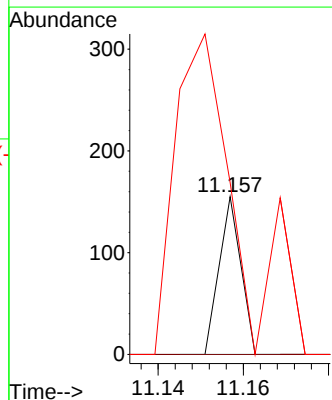
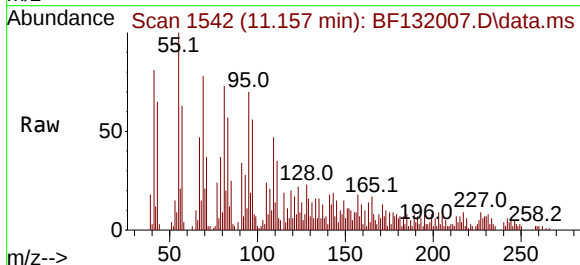
Instrument :
BNA_F
ClientSampleId :
PE-6RE

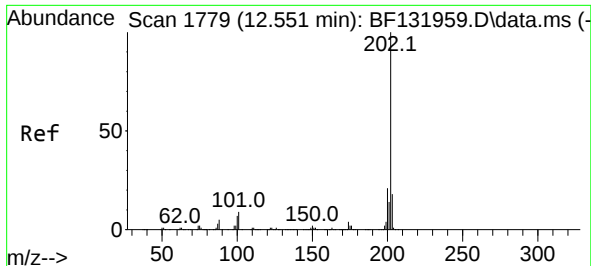
Tgt Ion:188 Resp: 162192
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.4 7.4 11.0



#70
Pentachlorophenol
Concen: 4.405 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.018 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 52.7 79.1#
264 109.0 51.6 77.4#

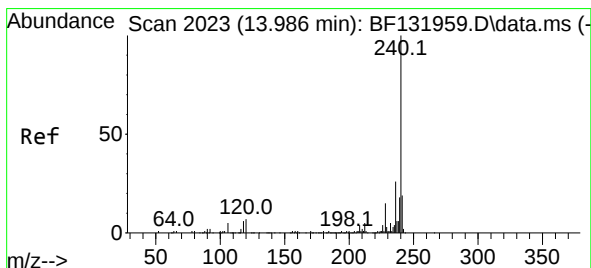
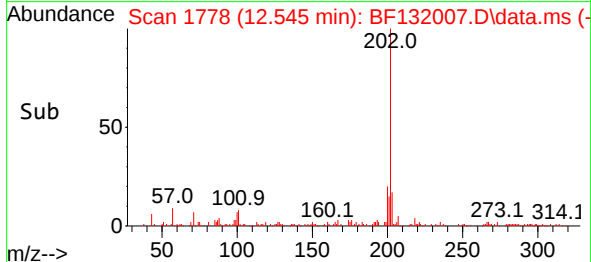
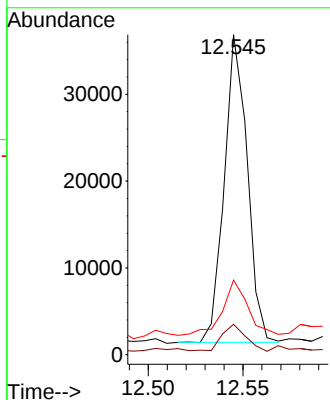
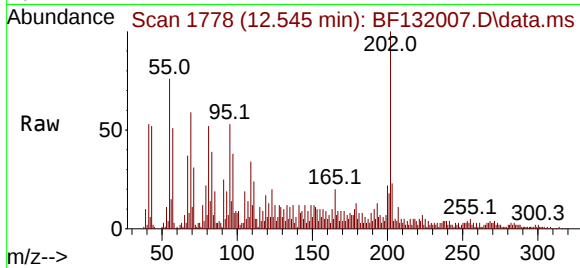




#75
Fluoranthene
Concen: 3.153 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

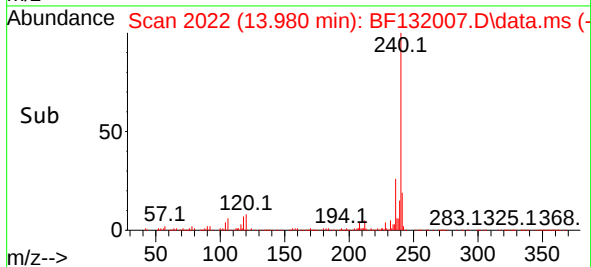
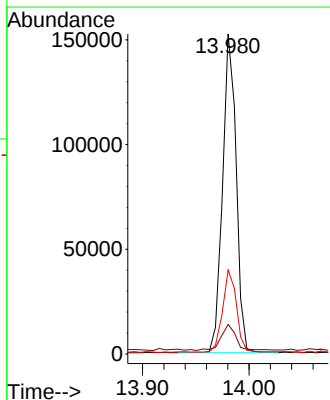
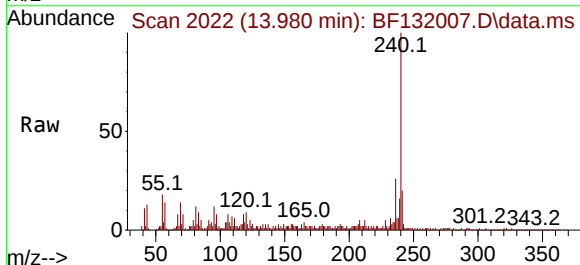
Instrument :
BNA_F
ClientSampleId :
PE-6RE

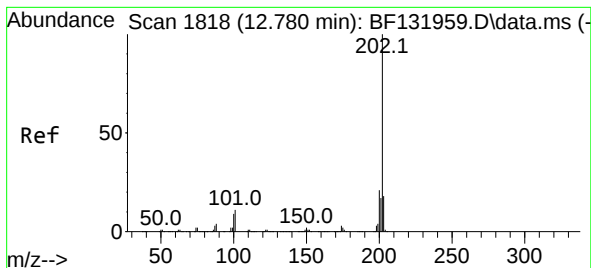
Tgt Ion:	202	Resp:	29980
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	28.8
203	23.3	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:	240	Resp:	134352
Ion Ratio	Lower	Upper	
240	100		
120	9.2	5.4	8.0#
236	26.2	21.1	31.7





#78

Pyrene

Concen: 2.565 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE

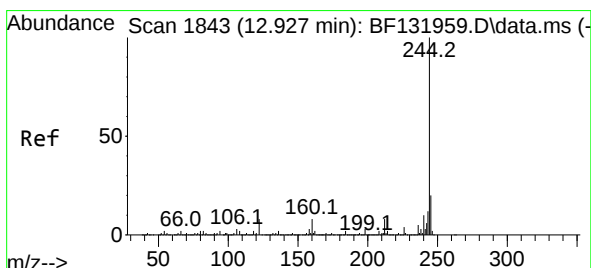
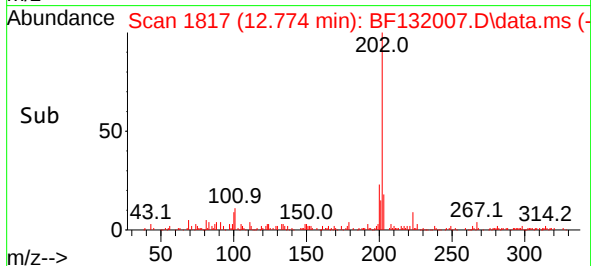
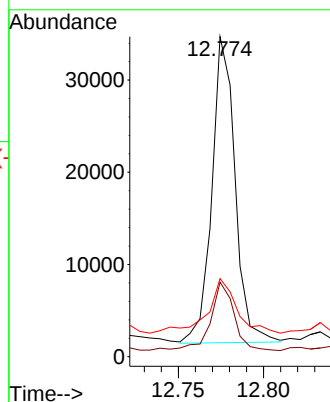
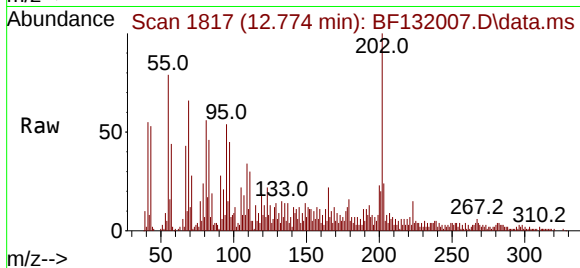
Tgt Ion:202 Resp: 31435

Ion Ratio Lower Upper

202 100

200 23.3 17.0 25.6

203 24.4 14.1 21.1#



#79

Terphenyl-d14

Concen: 57.495 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

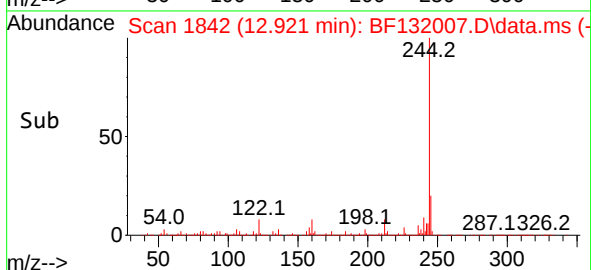
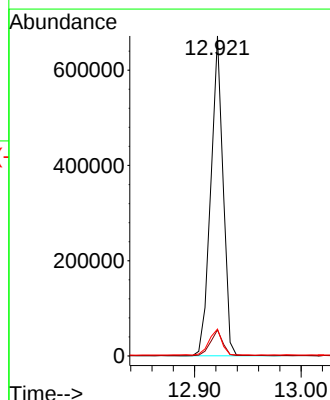
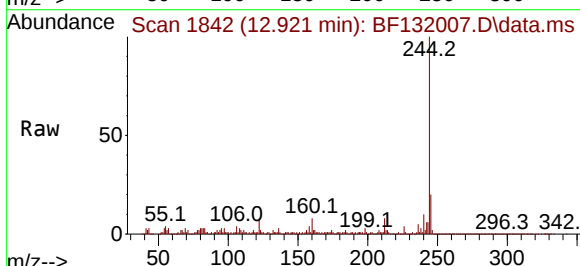
Tgt Ion:244 Resp: 538949

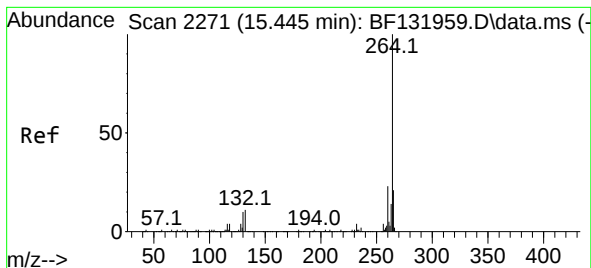
Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 8.4 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE

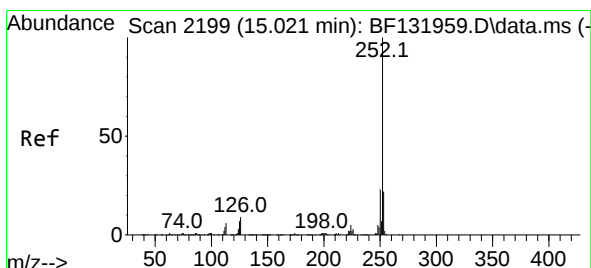
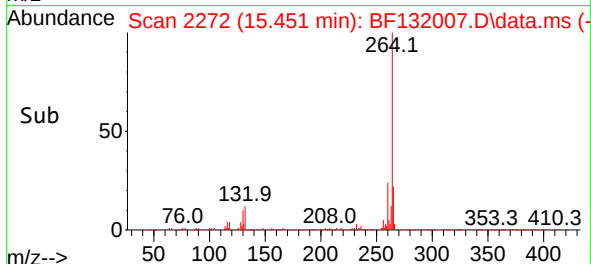
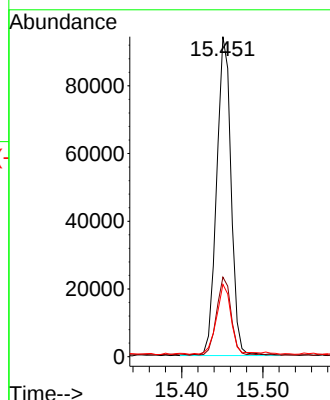
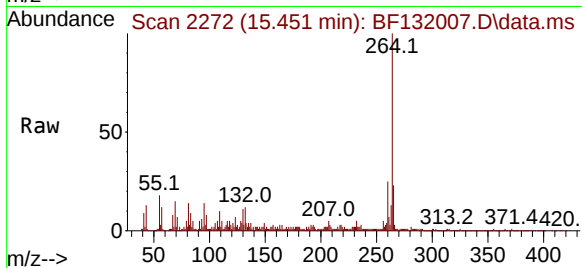
Tgt Ion:264 Resp: 116515

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 22.6 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 3.844 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

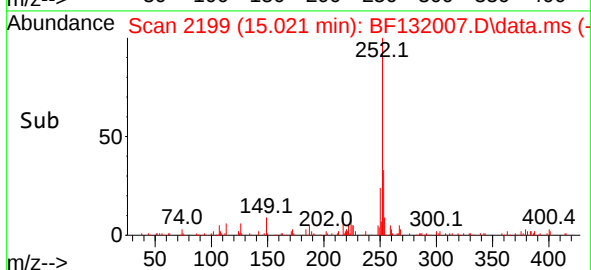
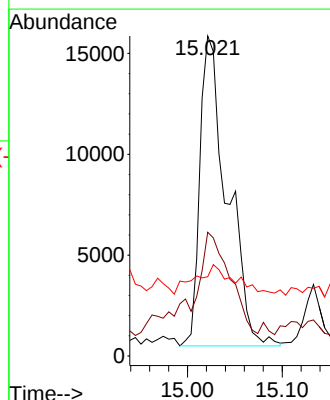
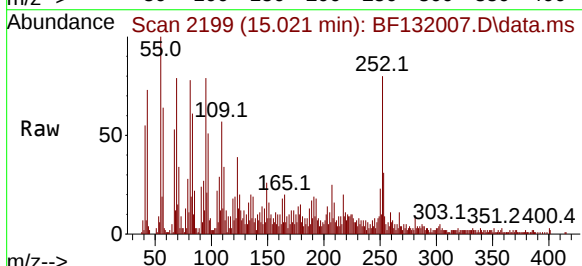
Tgt Ion:252 Resp: 30723

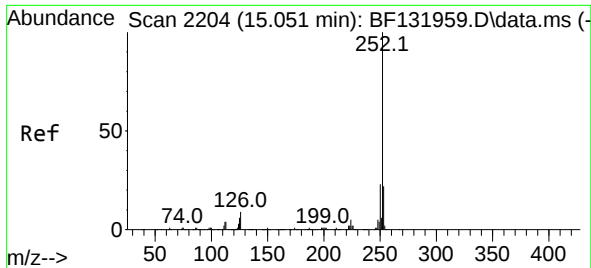
Ion Ratio Lower Upper

252 100

253 38.7 18.0 27.0#

125 24.7 5.8 8.6#

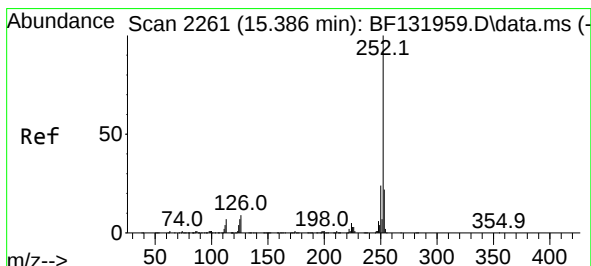
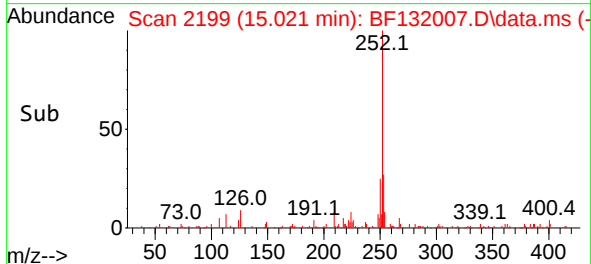
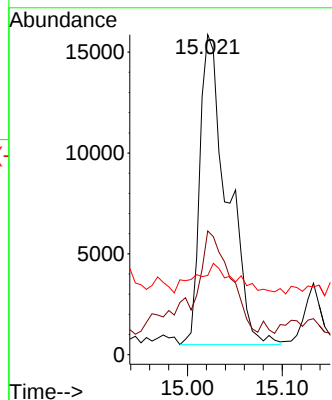
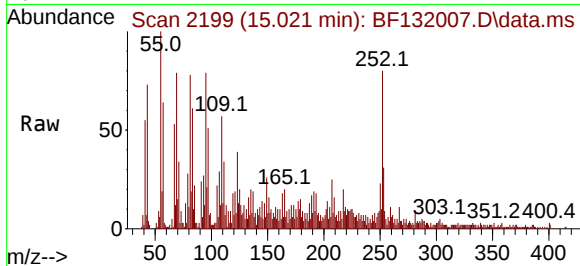




#89
Benzo(k)fluoranthene
Concen: 3.852 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.030 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

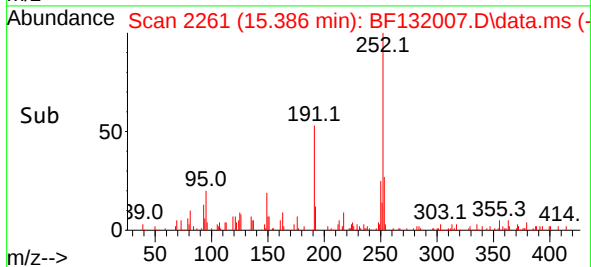
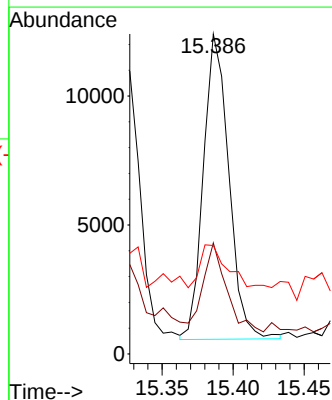
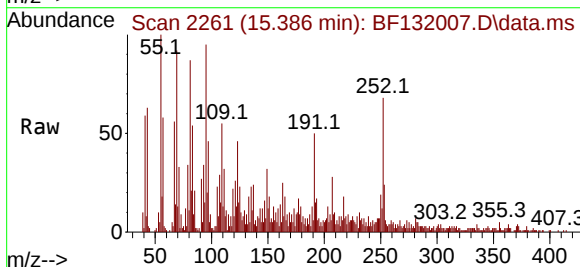
Instrument :
BNA_F
ClientSampleId :
PE-6RE

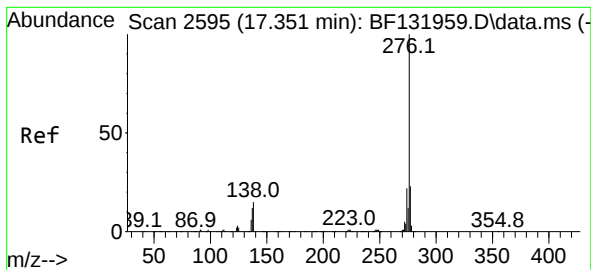
Tgt Ion:252 Resp: 30723
Ion Ratio Lower Upper
252 100
253 38.7 17.8 26.6#
125 24.7 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 2.053 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:252 Resp: 14779
Ion Ratio Lower Upper
252 100
253 34.7 17.4 26.0#
125 33.9 5.7 8.5#





#92

Benzo(g,h,i)perylene

Concen: 5.108 ng

RT: 17.356 min Scan# 21

Delta R.T. 0.005 min

Lab File: BF132007.D

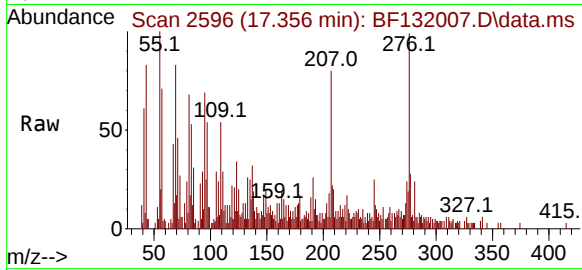
Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE



Tgt Ion: 276 Resp: 10962

Ion Ratio Lower Upper

276 100

277 28.4 18.2 27.2#

138 19.6 11.7 17.5#

