

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130355.D
 Acq On : 20 Sep 2022 21:08
 Operator : CG\JU
 Sample : N4712-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-091922

Quant Time: Sep 21 05:20:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

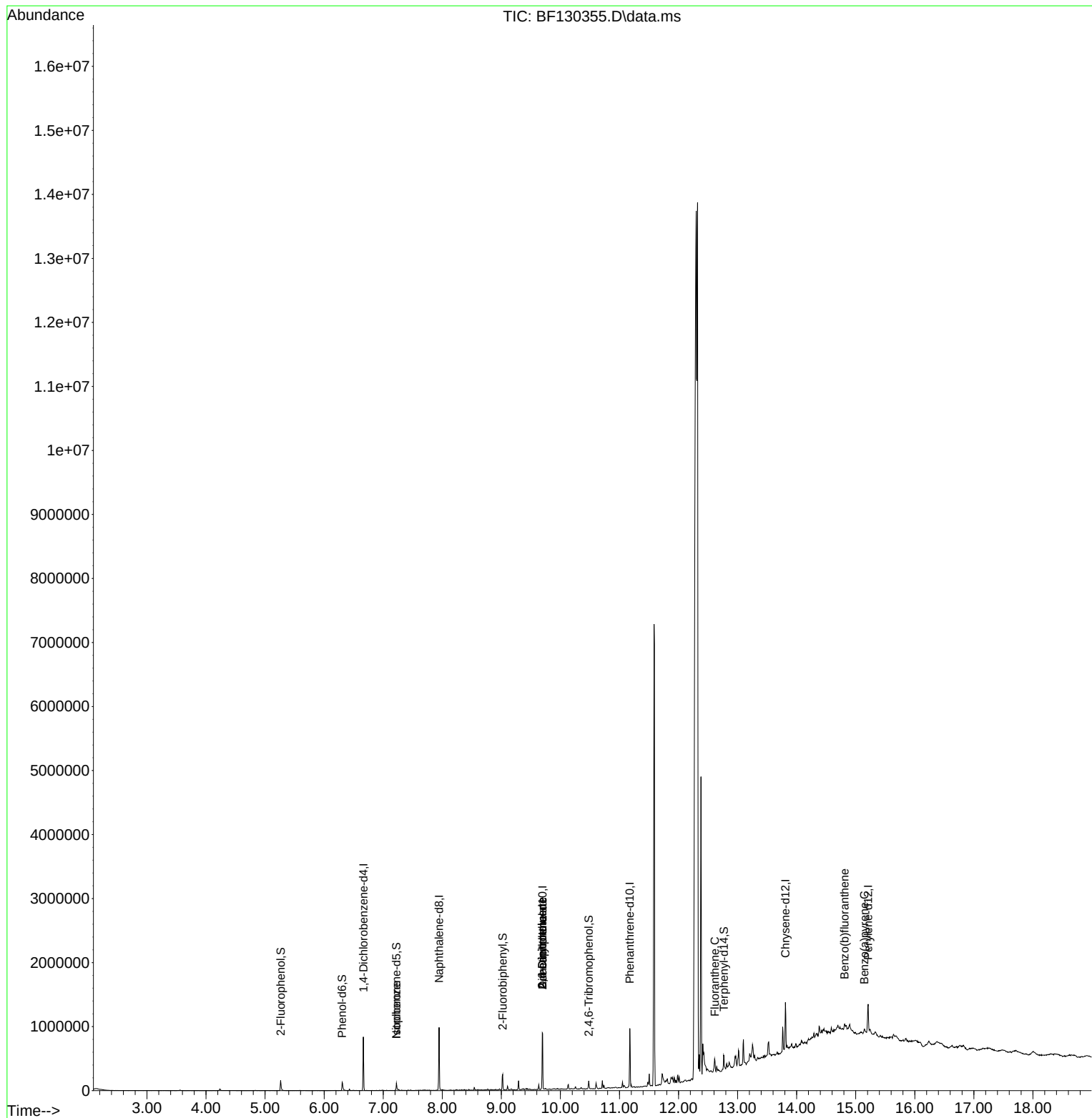
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	104797	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	367958	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	180838	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	308192	20.000	ng	0.00
76) Chrysene-d12	13.810	240	233849	20.000	ng	0.00
86) Perylene-d12	15.210	264	186898	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	47919	7.931	ng	0.00
7) Phenol-d6	6.304	99	56873	7.523	ng	0.00
23) Nitrobenzene-d5	7.222	82	32450	4.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.481	330	12402	7.157	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	67768	5.457	ng	0.00
79) Terphenyl-d14	12.769	244	76353	5.409	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.222	82	32449	2.795	ng	# 66
50) Dimethylphthalate	9.698	163	33420	2.675	ng	# 1
51) 2,6-Dinitrotoluene	9.692	165	24403	9.341	ng	# 16
57) 2,4-Dinitrotoluene	9.692	165	24403	7.309	ng	# 16
75) Fluoranthene	12.616	202	36577	2.188	ng	# 91
88) Benzo(b)fluoranthene	14.810	252	37922	3.109	ng	# 70
90) Benzo(a)pyrene	15.145	252	26426	2.734	ng	# 55

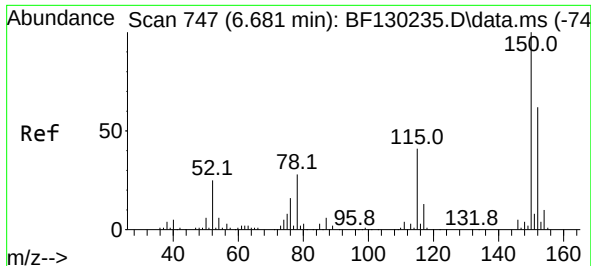
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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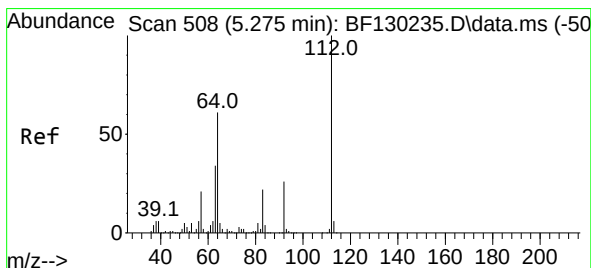
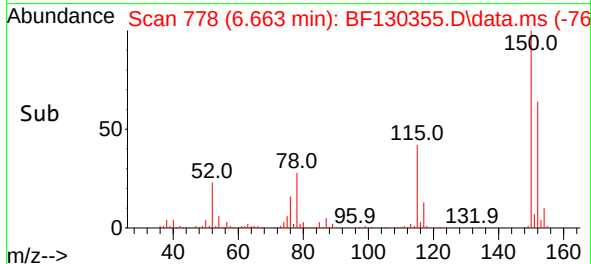
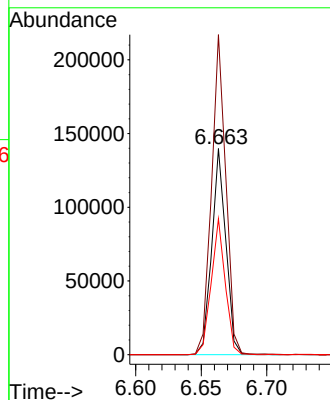
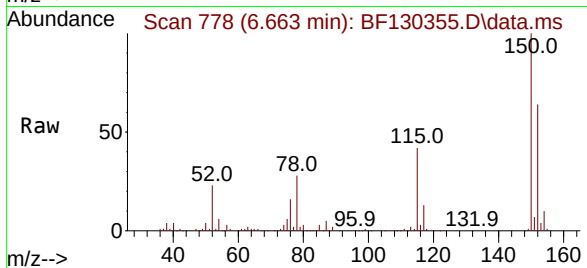




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

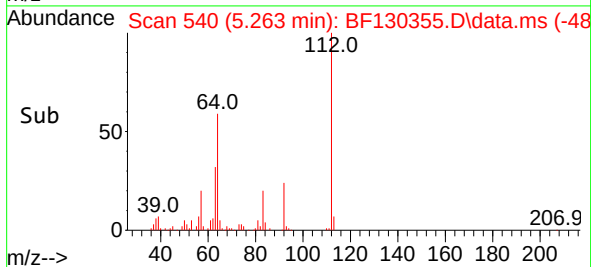
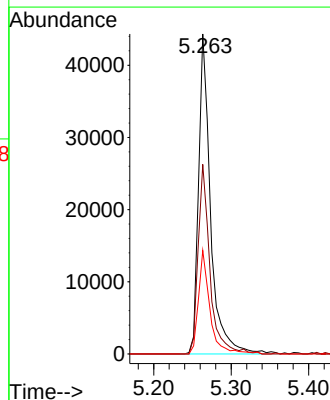
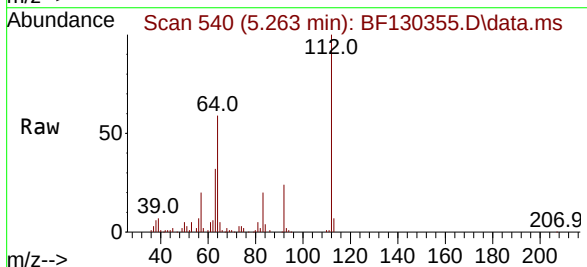
Instrument :
BNA_F
ClientSampleId :
HR-01-091922

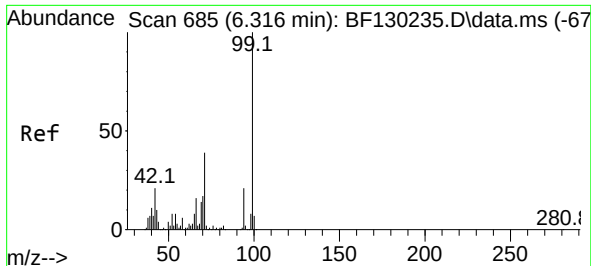
Tgt Ion:152 Resp: 104797
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 66.0 53.8 80.8



#5
2-Fluorophenol
Concen: 7.931 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion:112 Resp: 47919
Ion Ratio Lower Upper
112 100
64 59.3 51.4 77.0
63 32.4 28.8 43.2





#7
Phenol-d6
Concen: 7.523 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

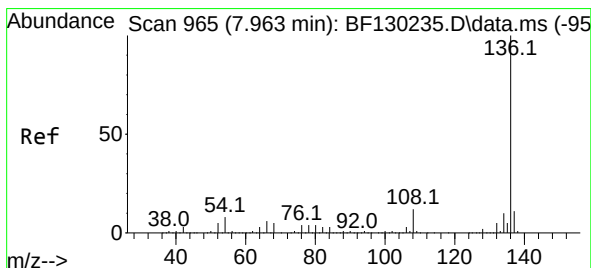
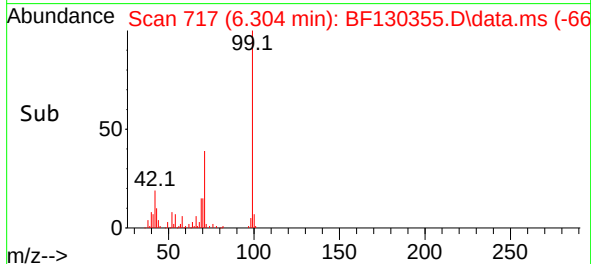
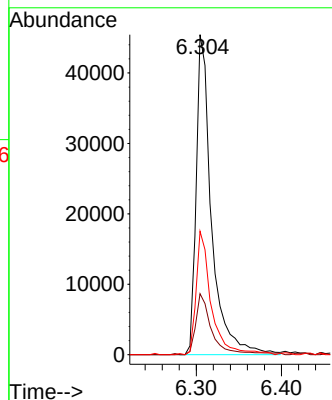
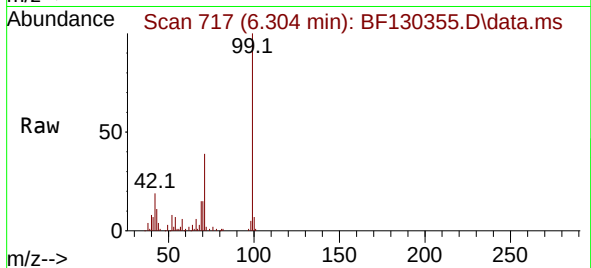
Instrument :

BNA_F

ClientSampleId :

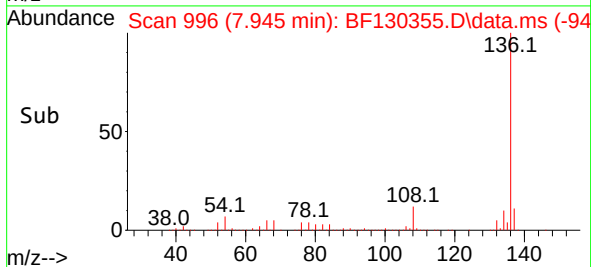
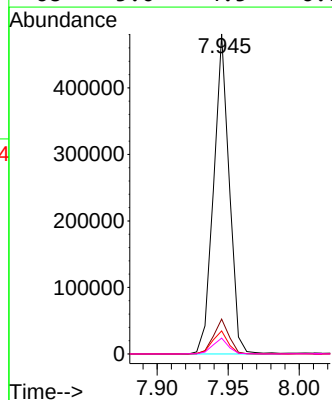
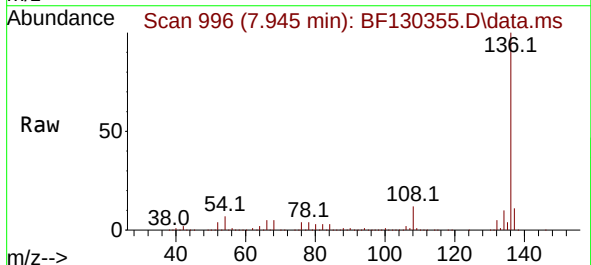
HR-01-091922

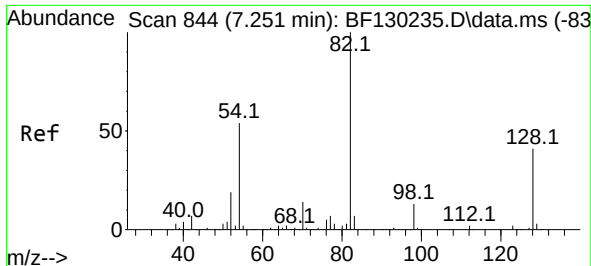
Tgt Ion: 99 Resp: 56873
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 38.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion: 136 Resp: 367958
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.2 7.1 10.7
68 5.0 4.5 6.7

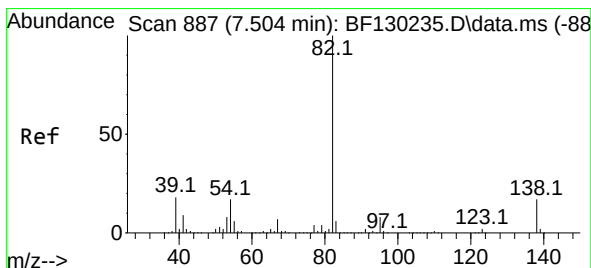
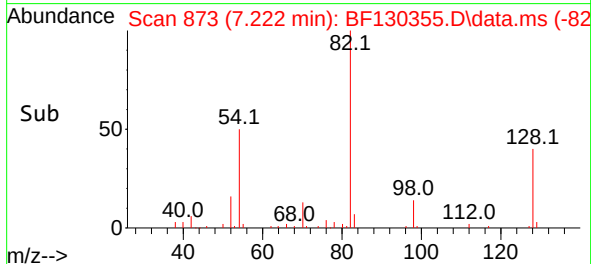
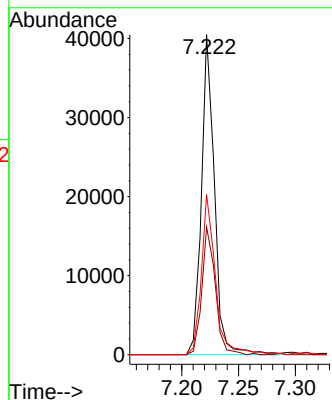
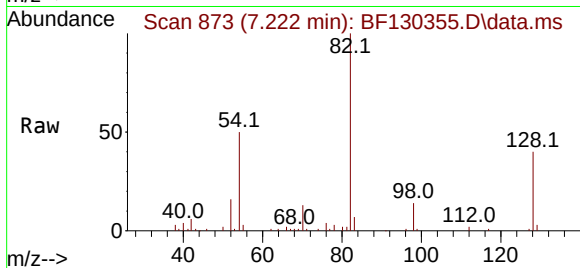




#23
Nitrobenzene-d5
Concen: 4.505 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

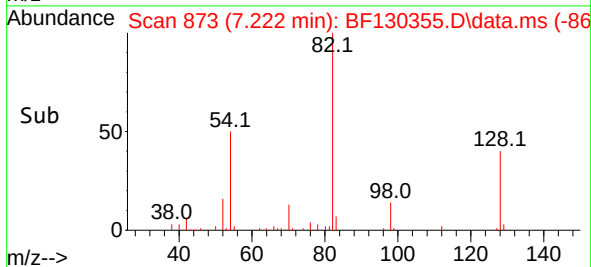
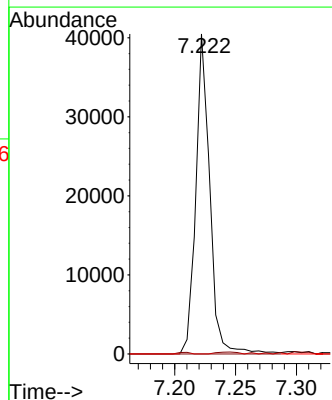
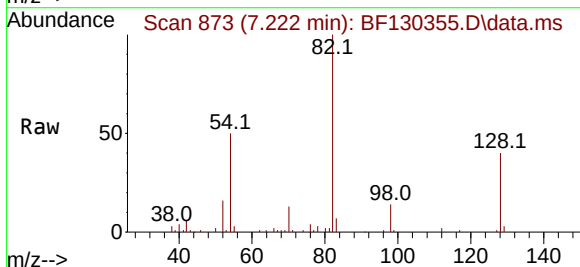
Instrument :
BNA_F
ClientSampleId :
HR-01-091922

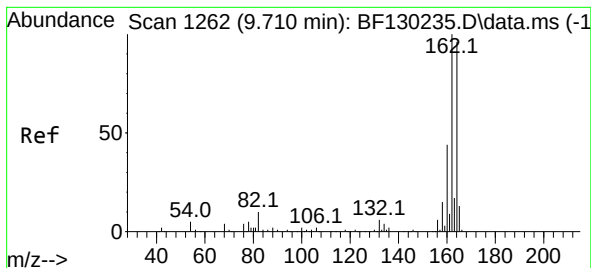
Tgt Ion: 82 Resp: 32450
Ion Ratio Lower Upper
82 100
128 39.9 32.6 49.0
54 50.0 43.8 65.6



#25
Isophorone
Concen: 2.795 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.270 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion: 82 Resp: 32449
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: 9.698 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922

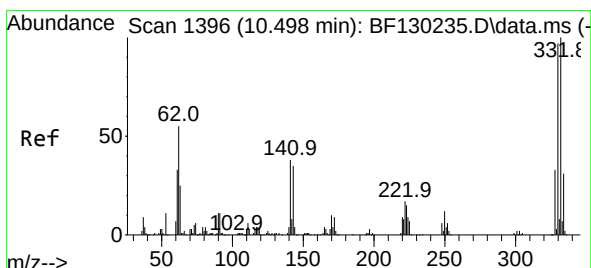
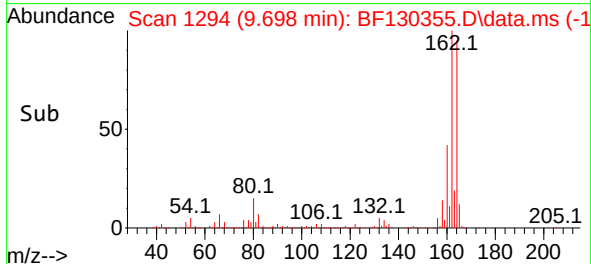
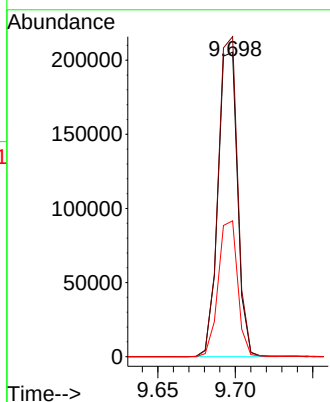
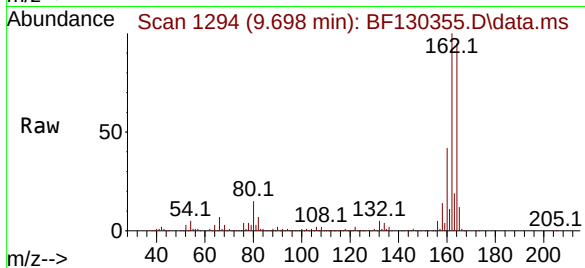
Tgt Ion:164 Resp: 180838

Ion Ratio Lower Upper

164 100

162 105.1 81.4 122.0

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 7.157 ng

RT: 10.481 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

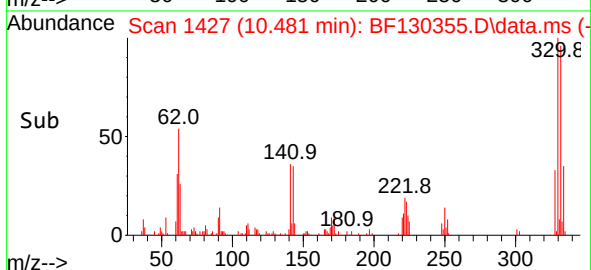
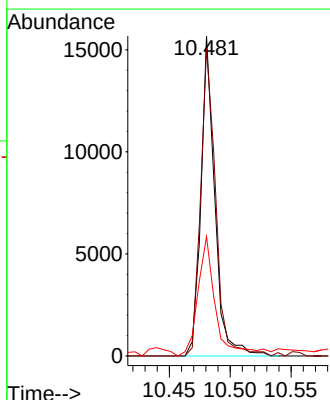
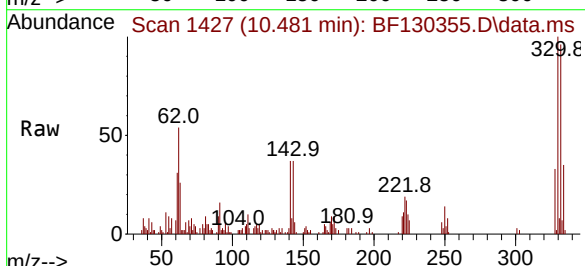
Tgt Ion:330 Resp: 12402

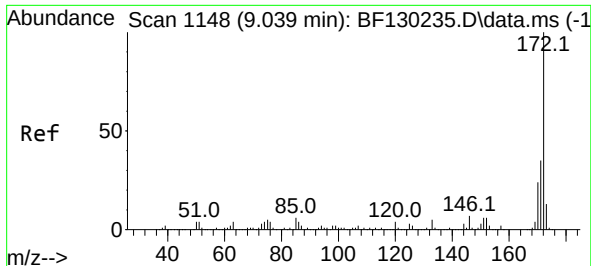
Ion Ratio Lower Upper

330 100

332 104.0 83.4 125.2

141 48.0 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 5.457 ng

RT: 9.022 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922

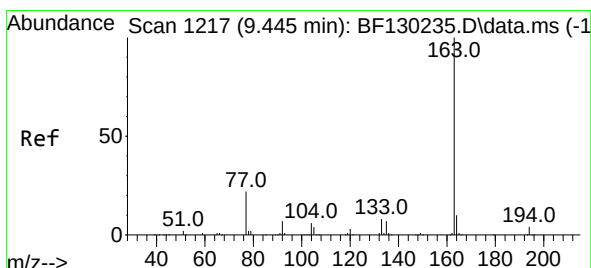
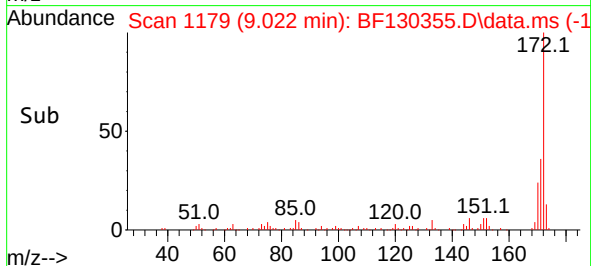
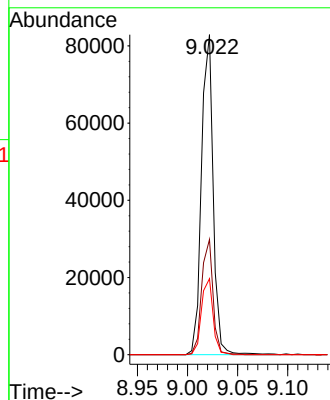
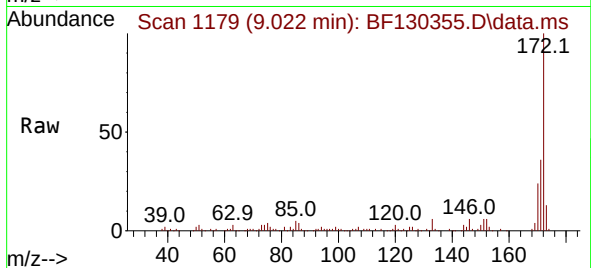
Tgt Ion:172 Resp: 67768

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 18.7 28.1



#50

Dimethylphthalate

Concen: 2.675 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.271 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

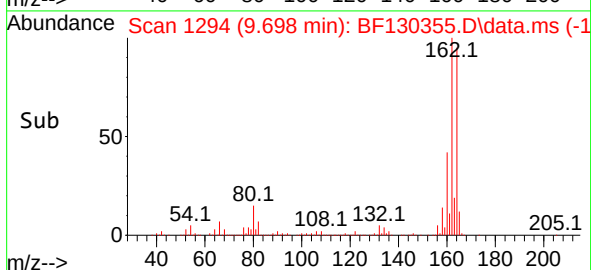
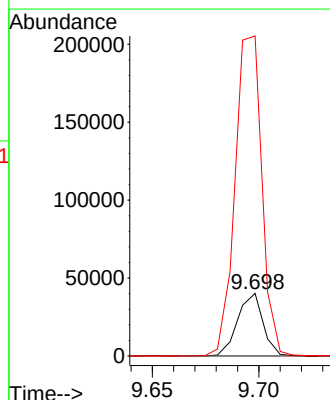
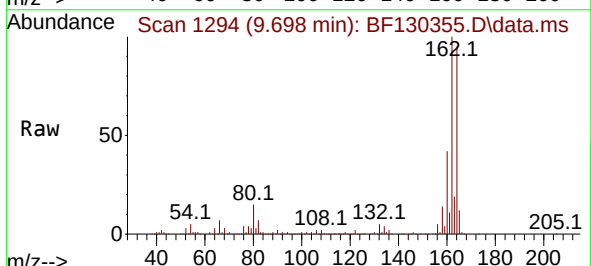
Tgt Ion:163 Resp: 33420

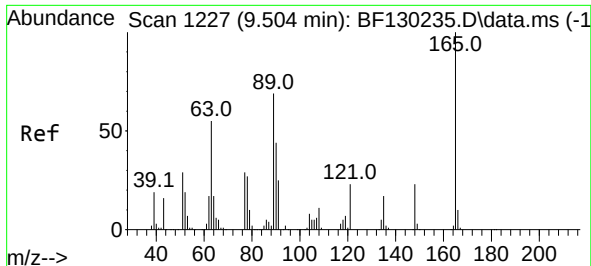
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 512.1 8.2 12.2#

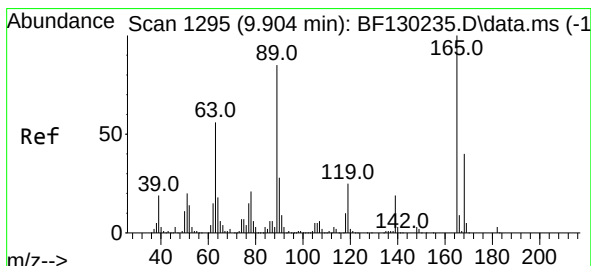
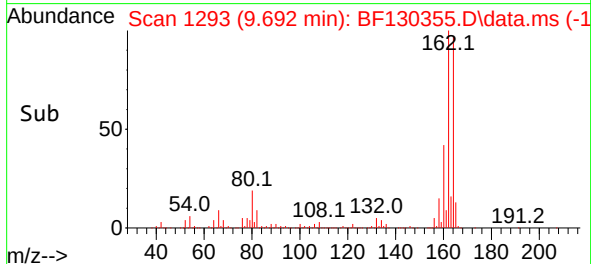
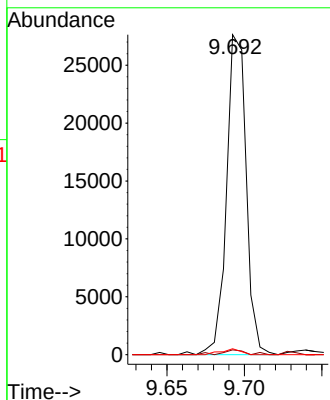
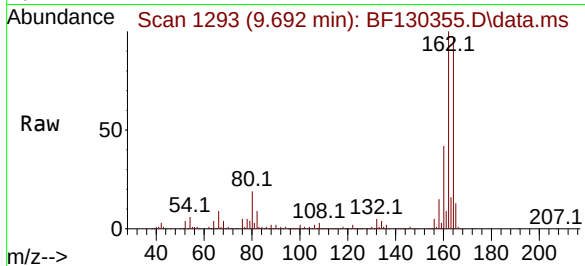




#51
2,6-Dinitrotoluene
Concen: 9.341 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.206 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

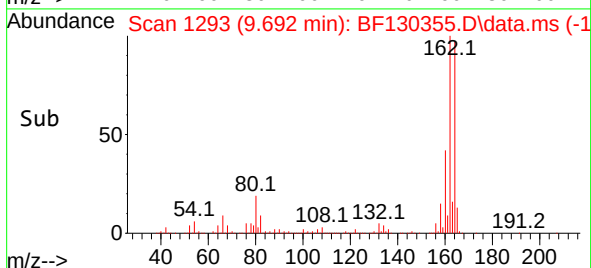
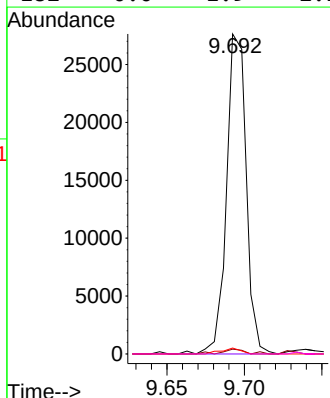
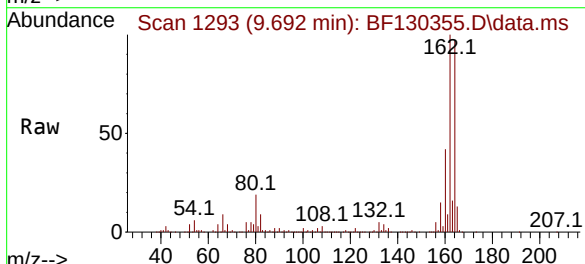
Instrument :
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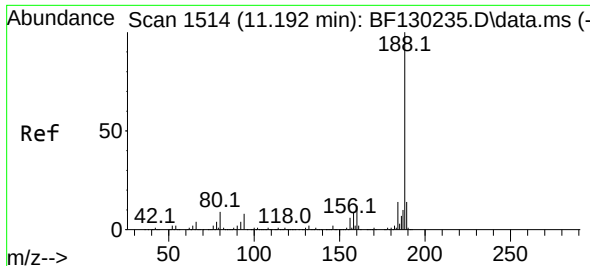
Tgt Ion:165 Resp: 24403
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.8 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.309 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.194 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion:165 Resp: 24403
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#

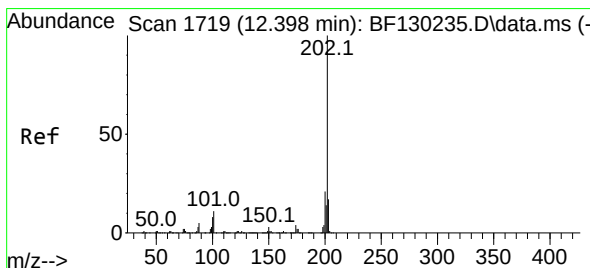
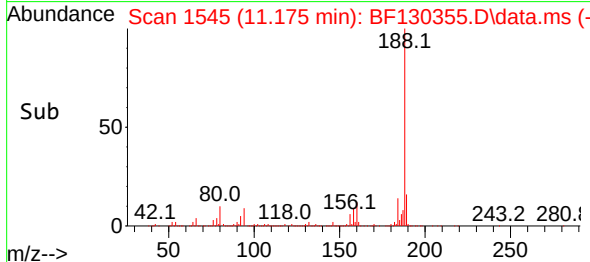
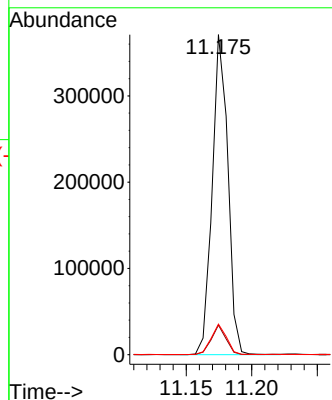
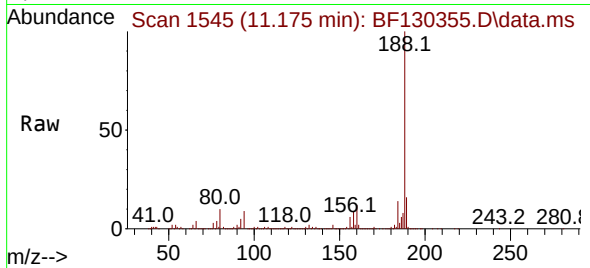




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

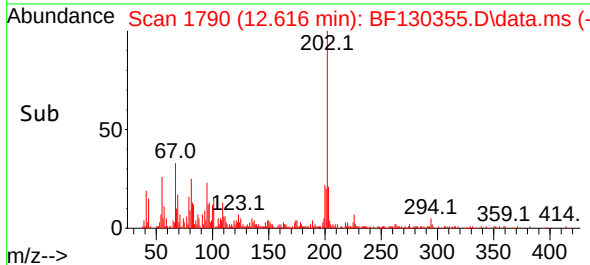
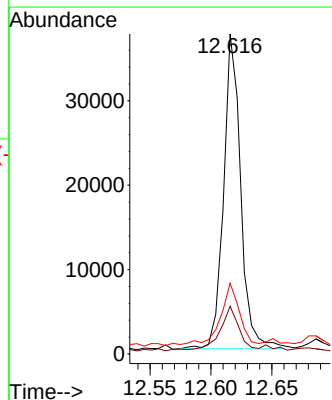
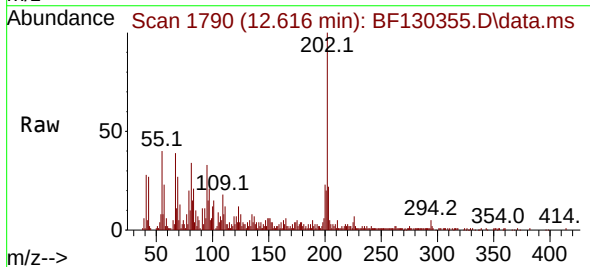
Instrument :
BNA_F
ClientSampleId :
HR-01-091922

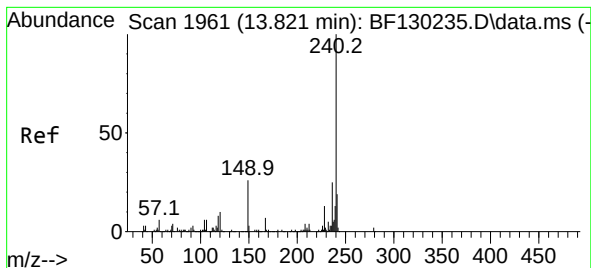
Tgt Ion:188 Resp: 308192
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.6 7.9 11.9



#75
Fluoranthene
Concen: 2.188 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.235 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion:202 Resp: 36577
Ion Ratio Lower Upper
202 100
101 14.9 0.0 31.8
203 22.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.810 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922

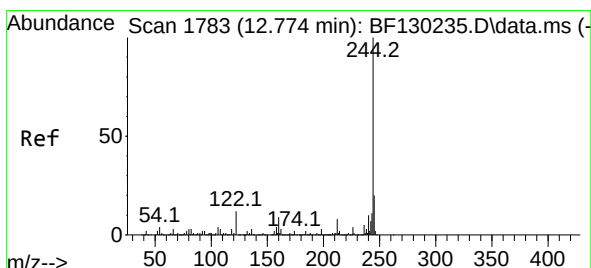
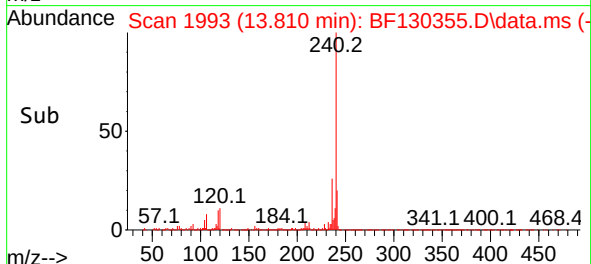
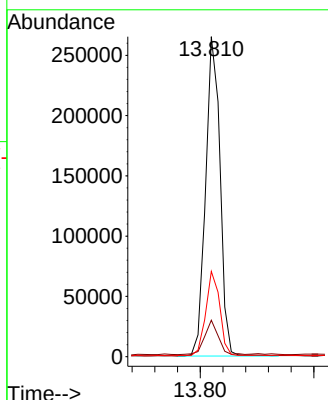
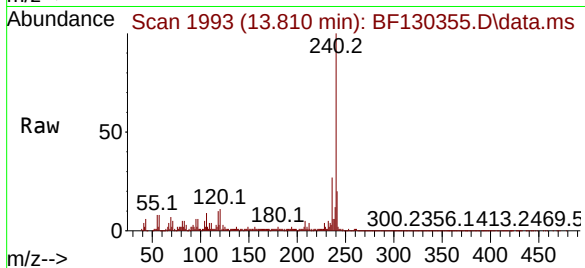
Tgt Ion:240 Resp: 233849

Ion Ratio Lower Upper

240 100

120 11.4 8.7 13.1

236 26.7 20.9 31.3



#79

Terphenyl-d14

Concen: 5.409 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.012 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

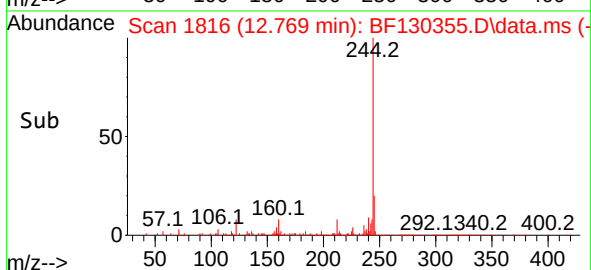
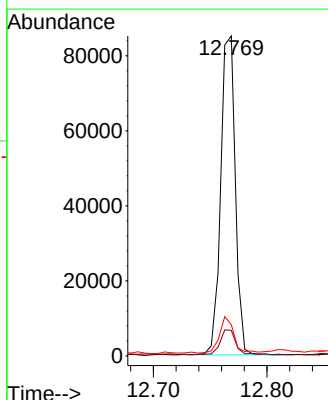
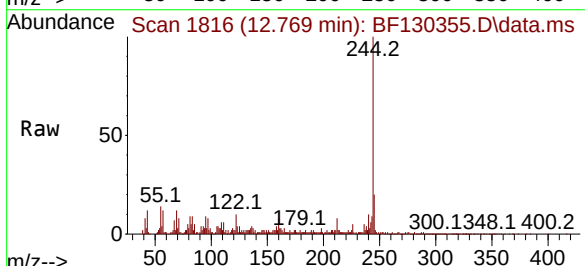
Tgt Ion:244 Resp: 76353

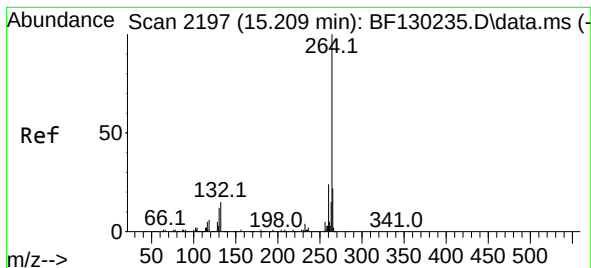
Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

122 9.8 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.210 min Scan# 2197

Delta R.T. 0.024 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922

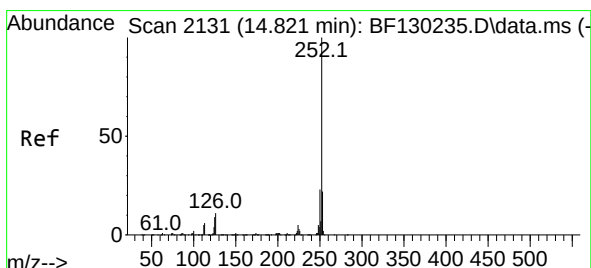
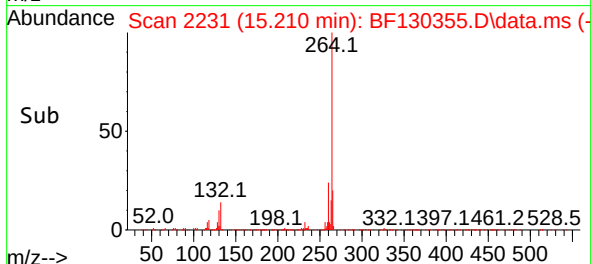
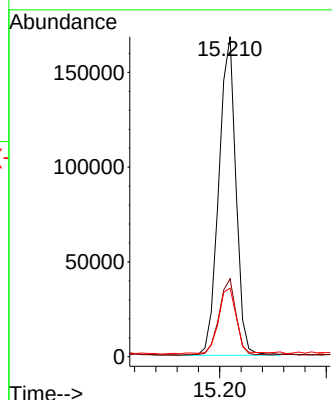
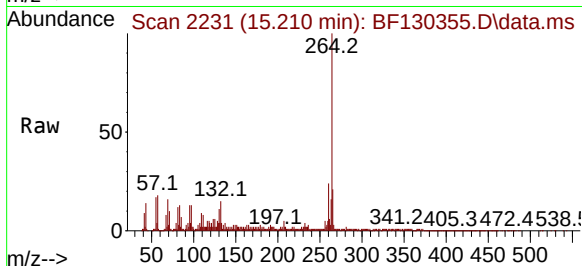
Tgt Ion:264 Resp: 186898

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.4 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.109 ng

RT: 14.810 min Scan# 2163

Delta R.T. 0.012 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

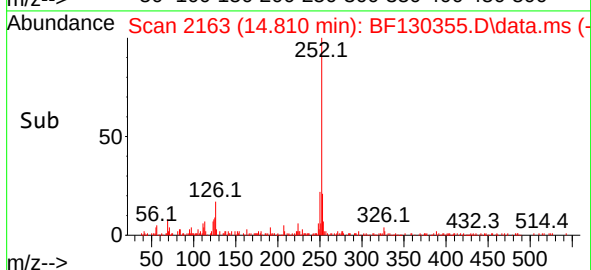
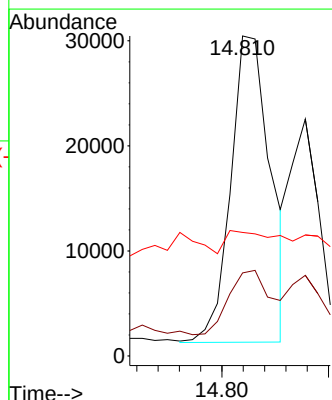
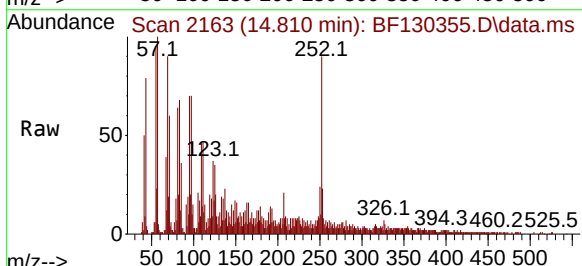
Tgt Ion:252 Resp: 37922

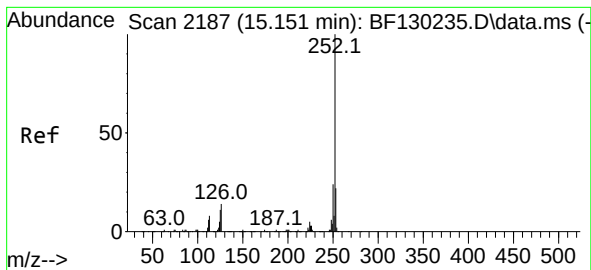
Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 38.6 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 2.734 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130355.D

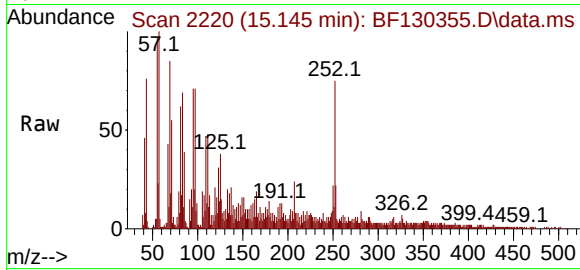
Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922



Tgt Ion:252 Resp: 26426

Ion Ratio Lower Upper

252 100

253 29.6 17.8 26.6#

125 50.3 9.0 13.6#

