

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130470.D
 Acq On : 29 Sep 2022 16:58
 Operator : CG\JU
 Sample : N4860-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Quant Time: Sep 30 03:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

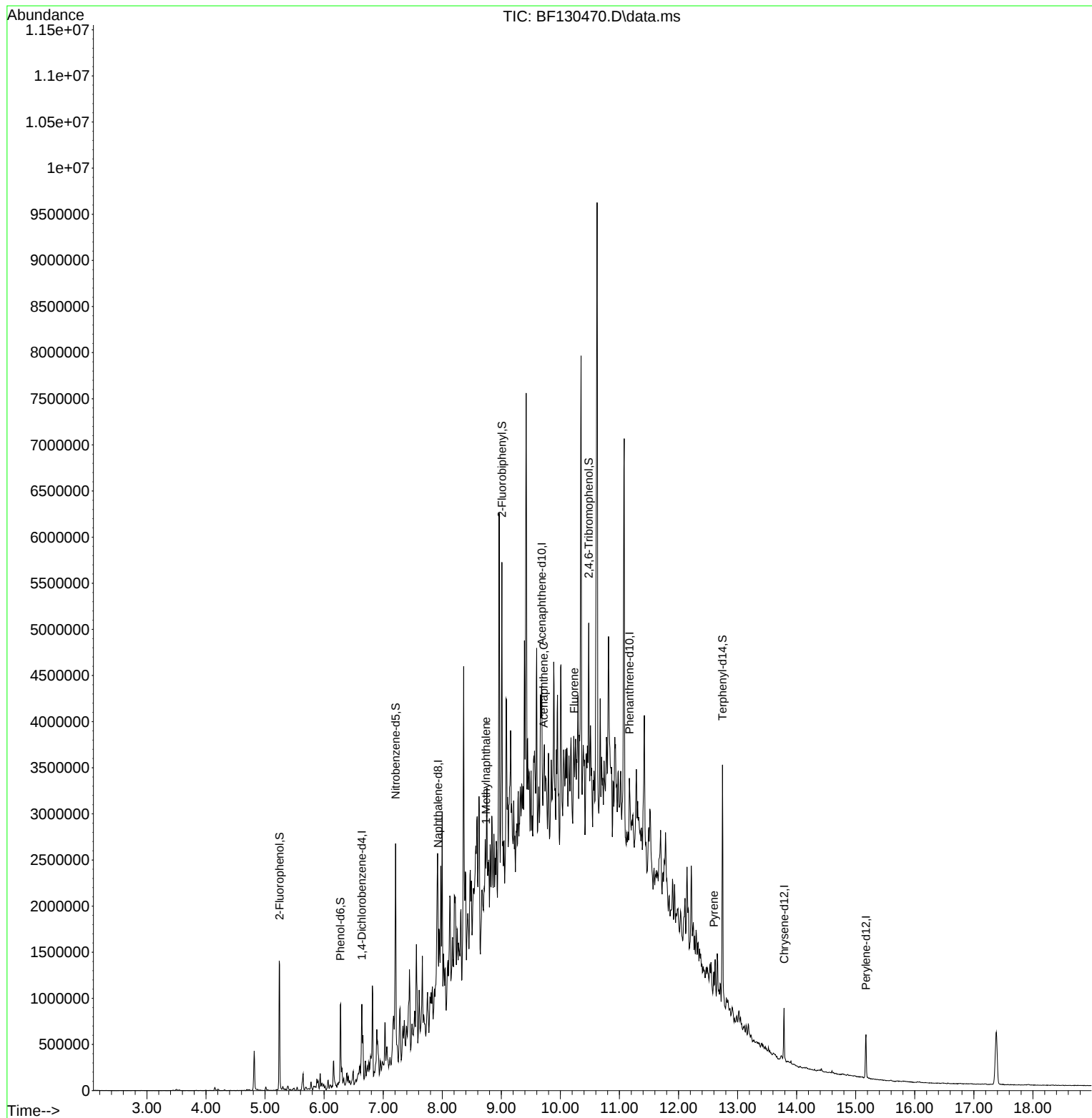
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	102272	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	355945	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	165465	20.000	ng	# 0.00
64) Phenanthrene-d10	11.169	188	241482	20.000	ng	# 0.01
76) Chrysene-d12	13.786	240	174531	20.000	ng	0.00
86) Perylene-d12	15.174	264	203413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	419983	71.226	ng	0.00
7) Phenol-d6	6.275	99	312713	42.385	ng	-0.02
23) Nitrobenzene-d5	7.210	82	663011	95.161	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	276183	174.196	ng	0.01
45) 2-Fluorobiphenyl	9.010	172	1193376	105.024	ng	0.00
79) Terphenyl-d14	12.745	244	854312	81.084	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.739	142	38982	3.471	ng	89
52) Acenaphthene	9.716	154	46802	4.753	ng	# 92
58) Fluorene	10.233	166	79438	7.091	ng	# 82
78) Pyrene	12.598	202	90350	5.918	ng	# 94

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

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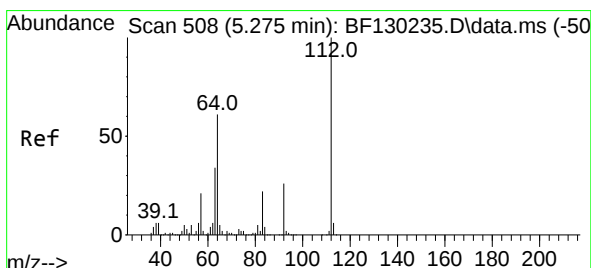
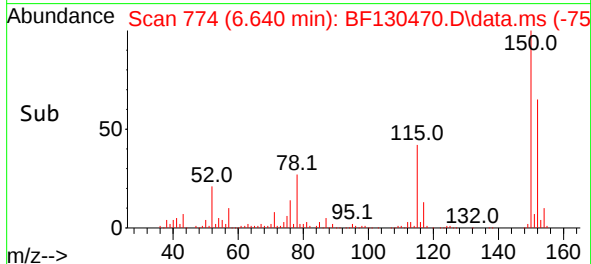
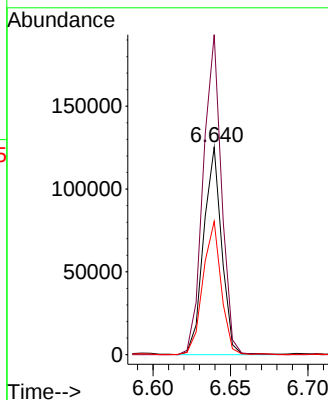
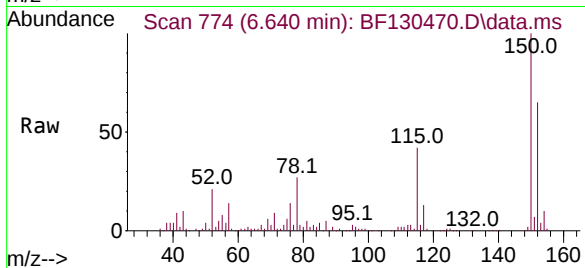




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

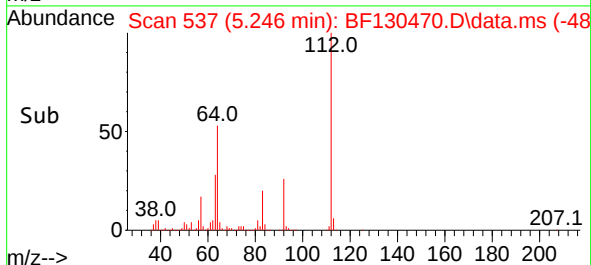
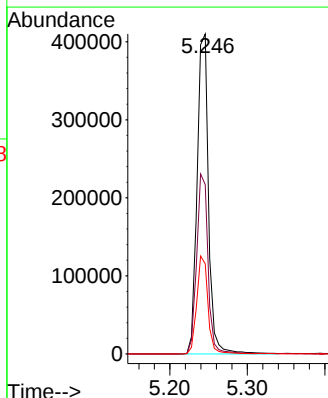
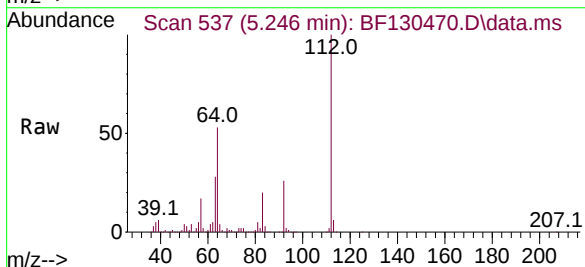
Instrument :
BNA_F
ClientSampleId :
MW-2R

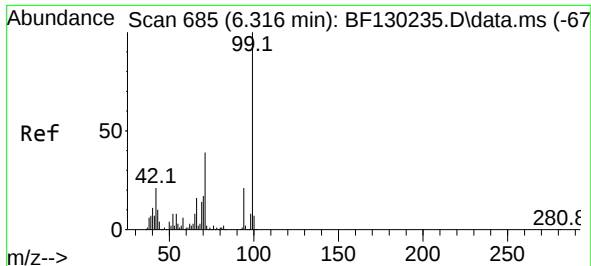
Tgt Ion:152 Resp: 102272
Ion Ratio Lower Upper
152 100
150 154.3 122.8 184.2
115 64.2 53.8 80.8



#5
2-Fluorophenol
Concen: 71.226 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

Tgt Ion:112 Resp: 419983
Ion Ratio Lower Upper
112 100
64 52.9 51.4 77.0
63 28.1 28.8 43.2#

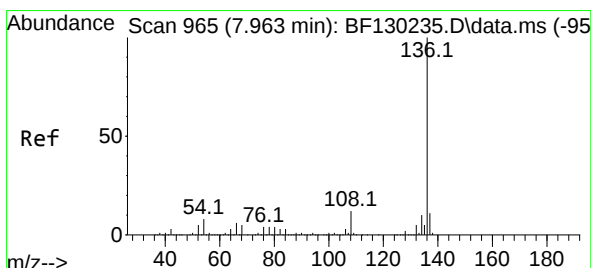
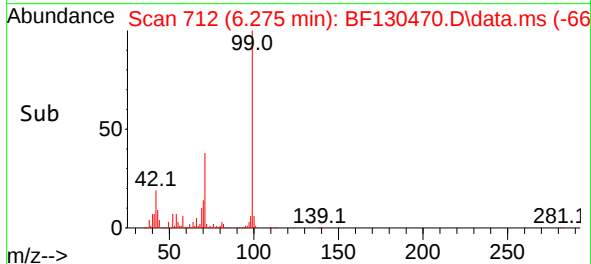
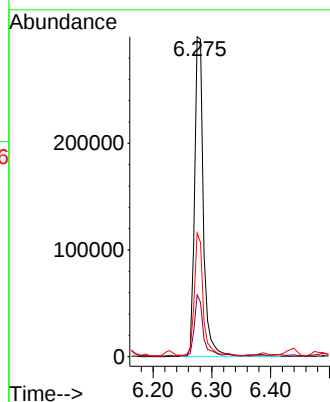
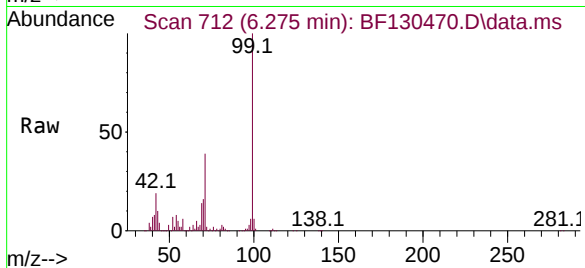




#7
Phenol-d6
Concen: 42.385 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

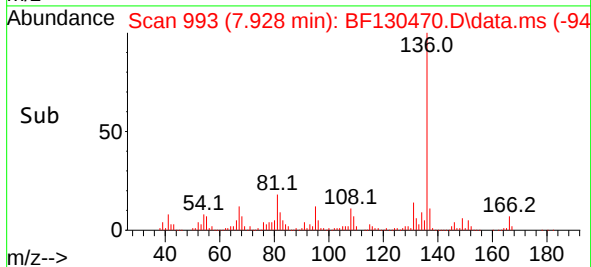
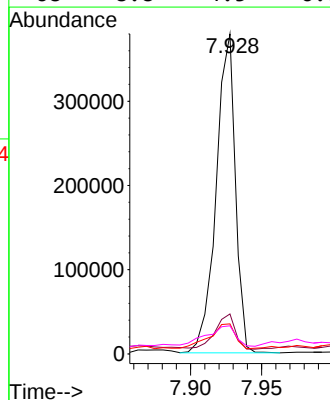
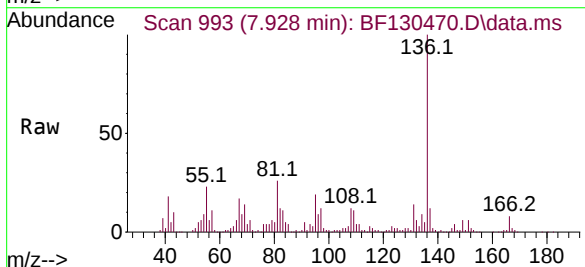
Instrument :
BNA_F
ClientSampleId :
MW-2R

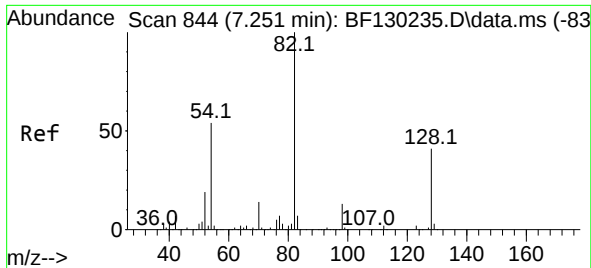
Tgt Ion: 99 Resp: 312713
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 38.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

Tgt Ion:136 Resp: 355945
Ion Ratio Lower Upper
136 100
137 12.5 9.1 13.7
54 9.4 7.1 10.7
68 8.8 4.5 6.7#

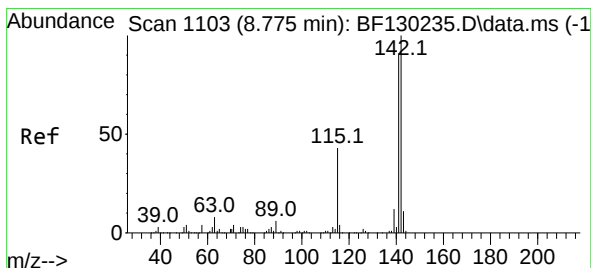
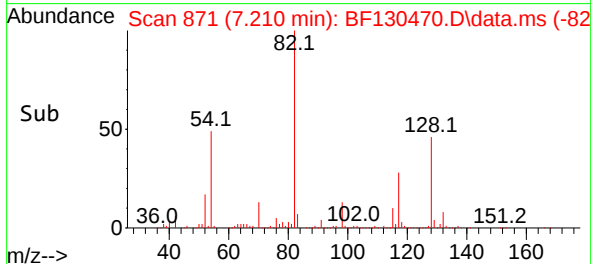
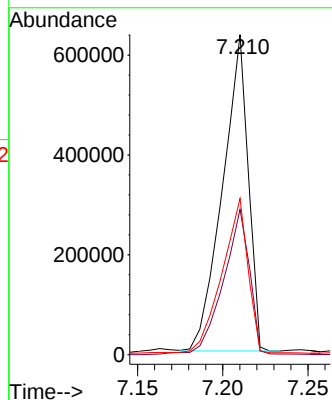
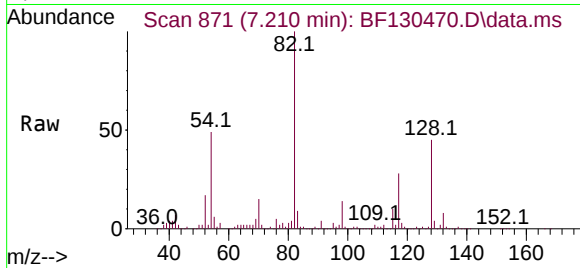




#23
Nitrobenzene-d5
Concen: 95.161 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

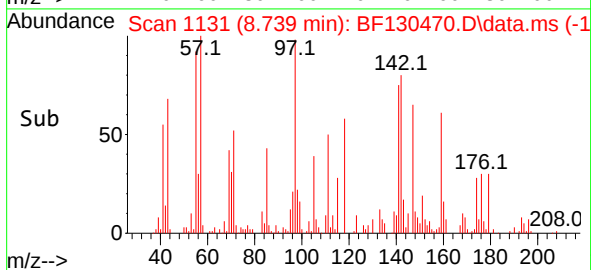
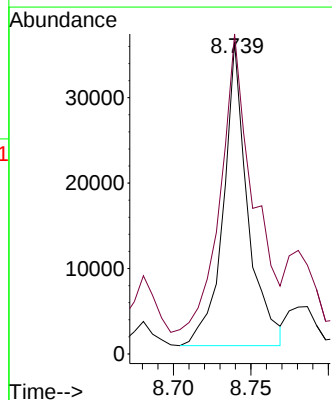
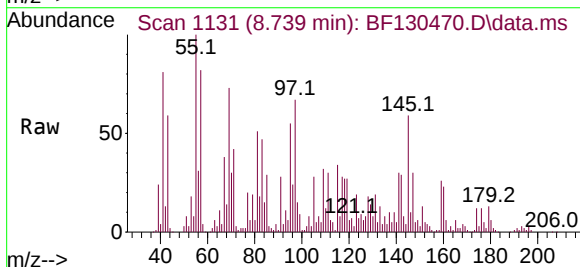
Instrument :
BNA_F
ClientSampleId :
MW-2R

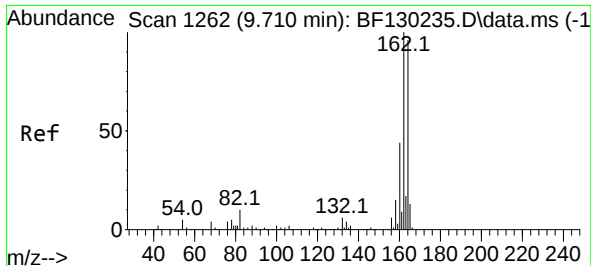
Tgt Ion: 82 Resp: 663011
Ion Ratio Lower Upper
82 100
128 45.4 32.6 49.0
54 48.8 43.8 65.6



#38
1-Methylnaphthalene
Concen: 3.471 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

Tgt Ion:142 Resp: 38982
Ion Ratio Lower Upper
142 100
141 102.5 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

Instrument :

BNA_F

ClientSampleId :

MW-2R

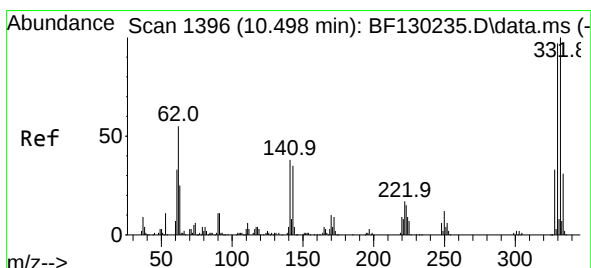
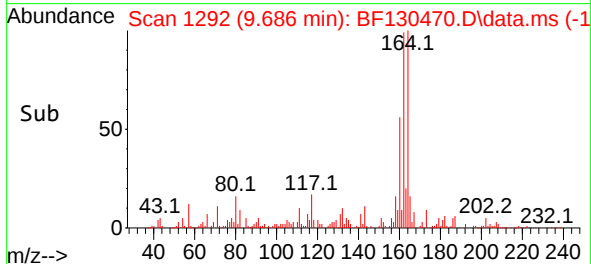
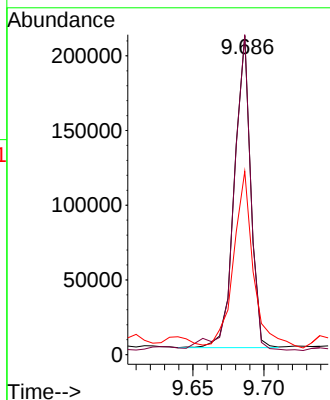
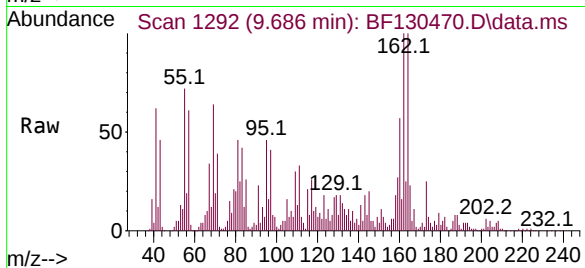
Tgt Ion:164 Resp: 165465

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 57.5 36.2 54.4#



#42

2,4,6-Tribromophenol

Concen: 174.196 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.012 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

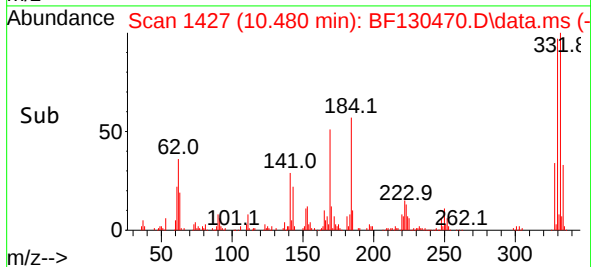
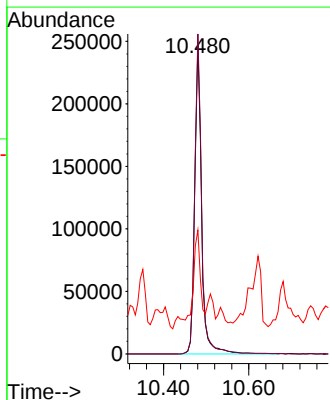
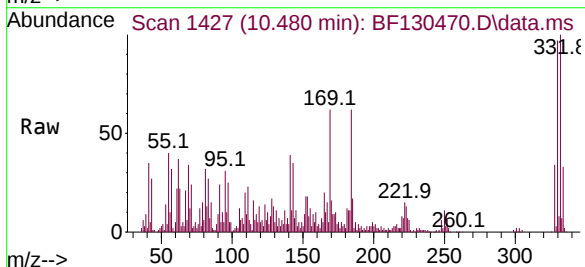
Tgt Ion:330 Resp: 276183

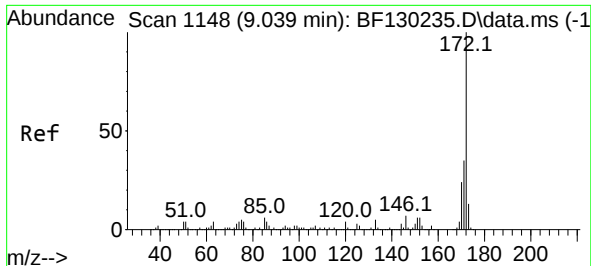
Ion Ratio Lower Upper

330 100

332 103.2 83.4 125.2

141 26.2 34.0 51.0#

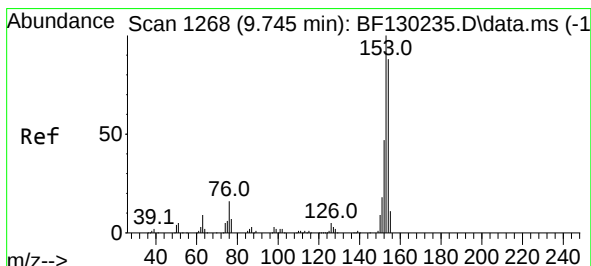
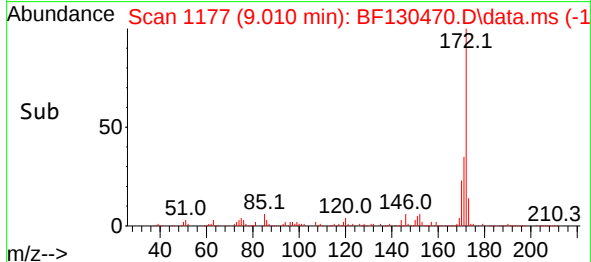
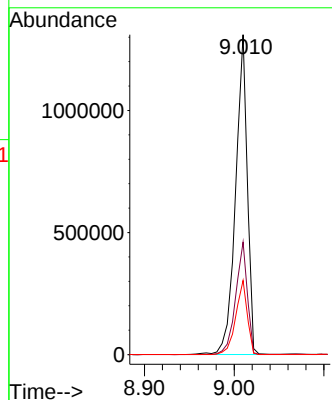
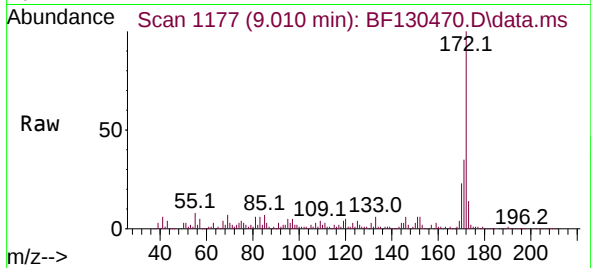




#45
2-Fluorobiphenyl
Concen: 105.024 ng
RT: 9.010 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

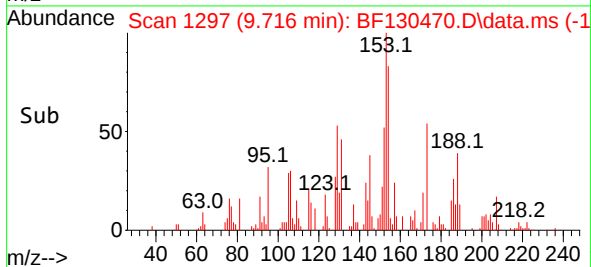
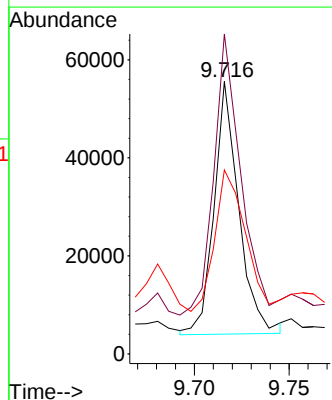
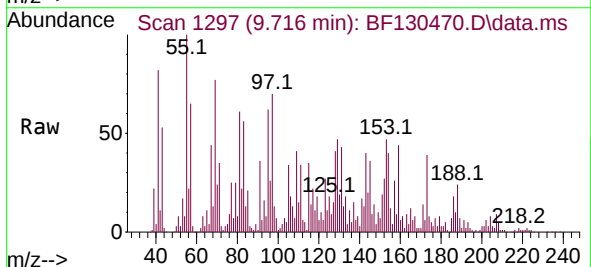
Instrument :
BNA_F
ClientSampleId :
MW-2R

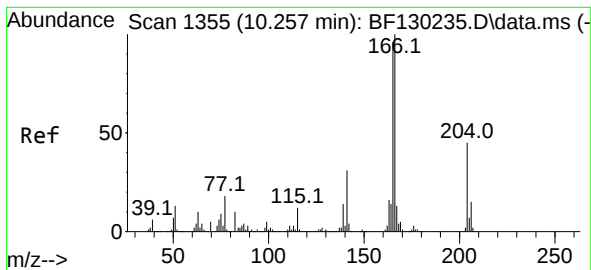
Tgt Ion:172 Resp: 1193376
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 18.7 28.1



#52
Acenaphthene
Concen: 4.753 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130470.D
Acq: 29 Sep 2022 16:58

Tgt Ion:154 Resp: 46802
Ion Ratio Lower Upper
154 100
153 117.5 90.6 136.0
152 67.5 43.8 65.6#





#58

Fluorene

Concen: 7.091 ng

RT: 10.233 min Scan# 1355

Delta R.T. 0.006 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

Instrument :

BNA_F

ClientSampleId :

MW-2R

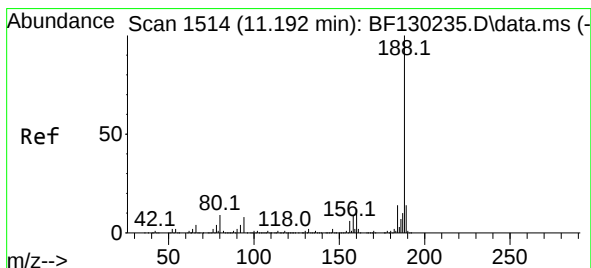
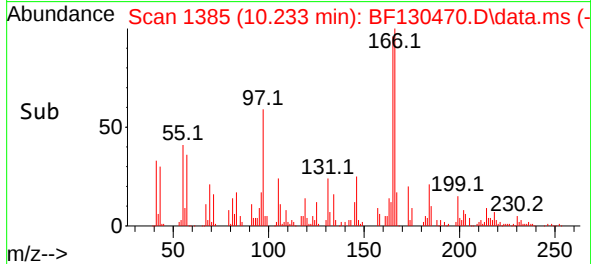
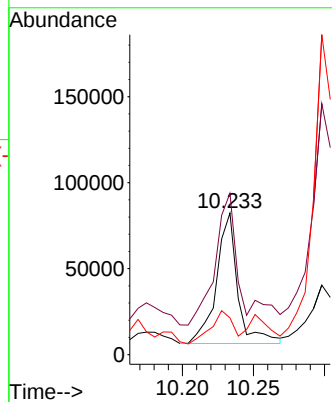
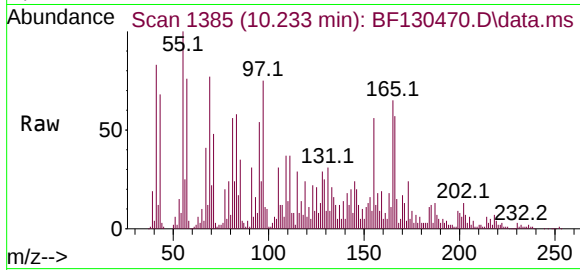
Tgt Ion:166 Resp: 79438

Ion Ratio Lower Upper

166 100

165 114.0 78.8 118.2

167 26.0 10.6 15.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.012 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

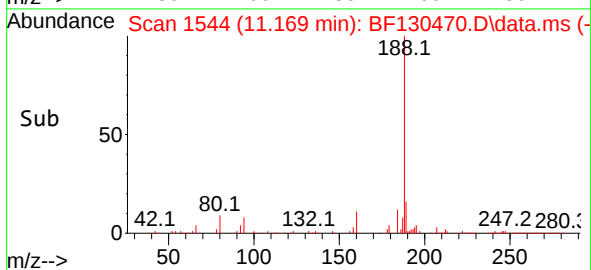
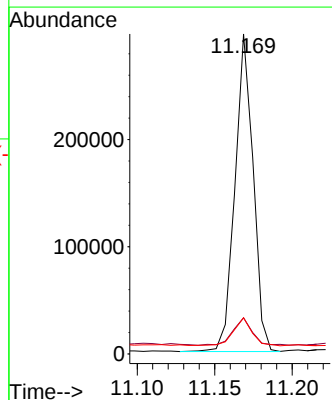
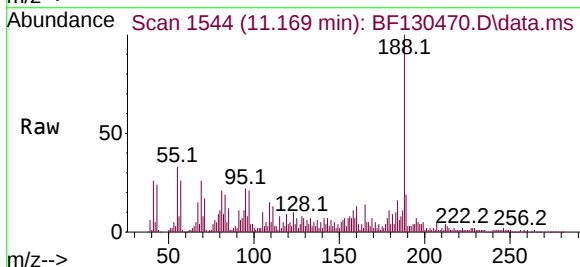
Tgt Ion:188 Resp: 241482

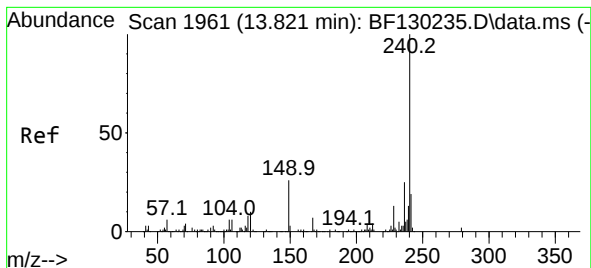
Ion Ratio Lower Upper

188 100

94 11.3 7.4 11.2#

80 11.3 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

Instrument :

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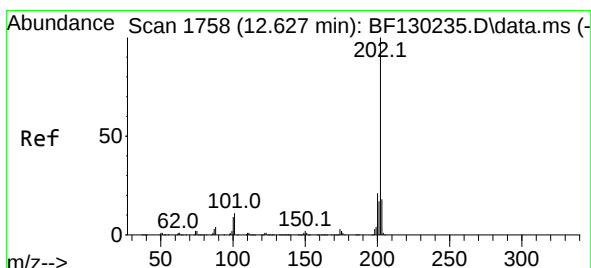
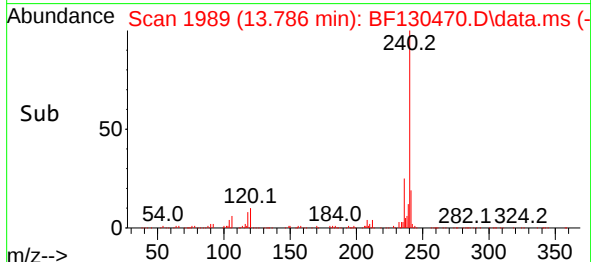
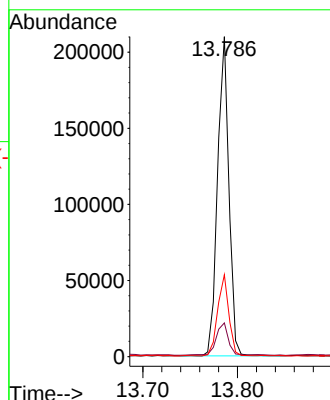
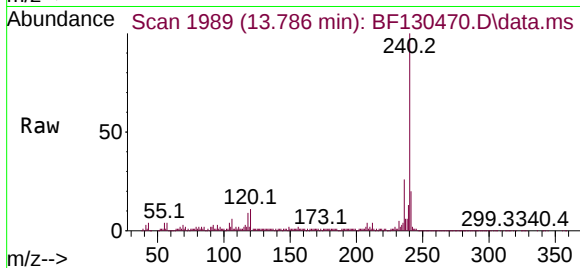
Tgt Ion:240 Resp: 174531

Ion Ratio Lower Upper

240 100

120 10.5 8.7 13.1

236 25.6 20.9 31.3



#78

Pyrene

Concen: 5.918 ng

RT: 12.598 min Scan# 1787

Delta R.T. 0.006 min

Lab File: BF130470.D

Acq: 29 Sep 2022 16:58

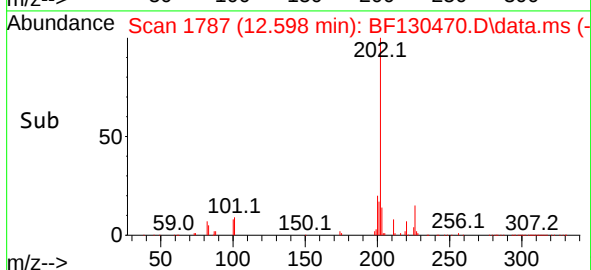
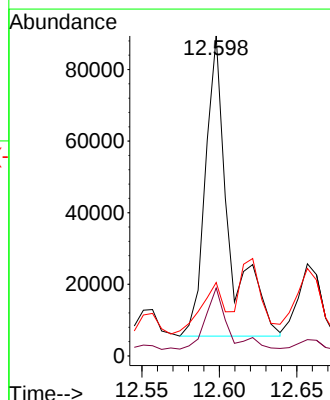
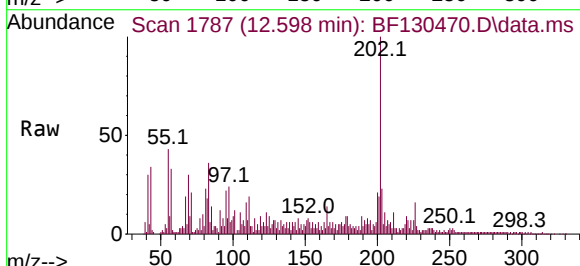
Tgt Ion:202 Resp: 90350

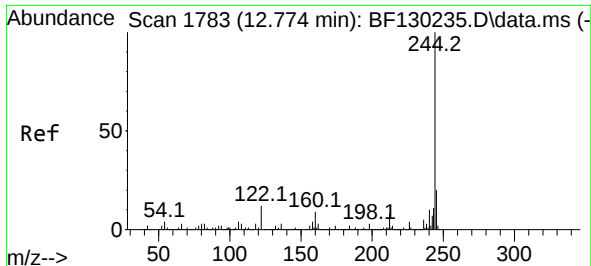
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 22.9 14.3 21.5#

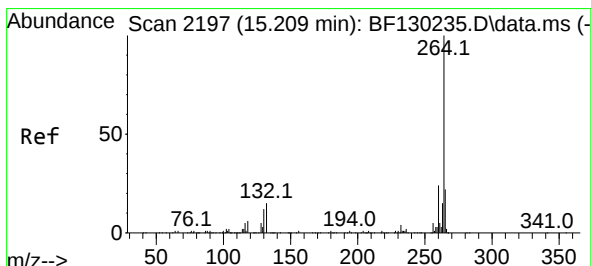
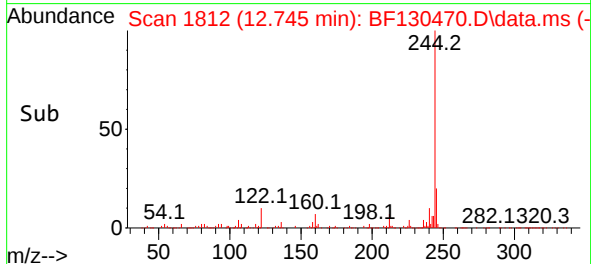
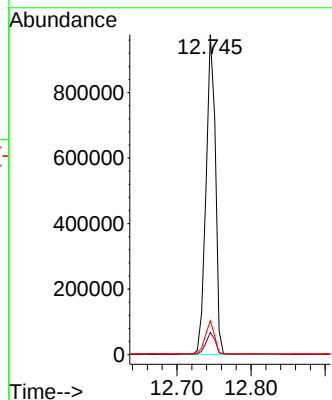
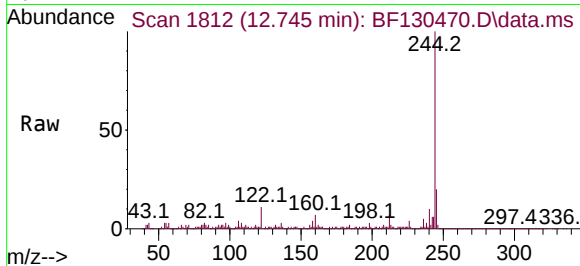




#79
 Terphenyl-d14
 Concen: 81.084 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130470.D
 Acq: 29 Sep 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Tgt Ion:244 Resp: 854312
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.000 min
 Lab File: BF130470.D
 Acq: 29 Sep 2022 16:58

Tgt Ion:264 Resp: 203413
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.2 17.0 25.4

