

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130602.D
 Acq On : 10 Oct 2022 14:43
 Operator : CG\JU
 Sample : N5046-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-3

Quant Time: Oct 10 16:07:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	106586	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	424667	20.000	ng	0.00
39) Acenaphthene-d10	9.634	164	167370	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	230780	20.000	ng	0.00
76) Chrysene-d12	13.745	240	179121	20.000	ng	0.00
86) Perylene-d12	15.127	264	213305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	668457	108.777	ng	0.00
7) Phenol-d6	6.251	99	820362	106.692	ng	0.00
23) Nitrobenzene-d5	7.175	82	493142	59.326	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	135416	84.438	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	859445	74.775	ng	0.00
79) Terphenyl-d14	12.698	244	534852	49.463	ng	0.00

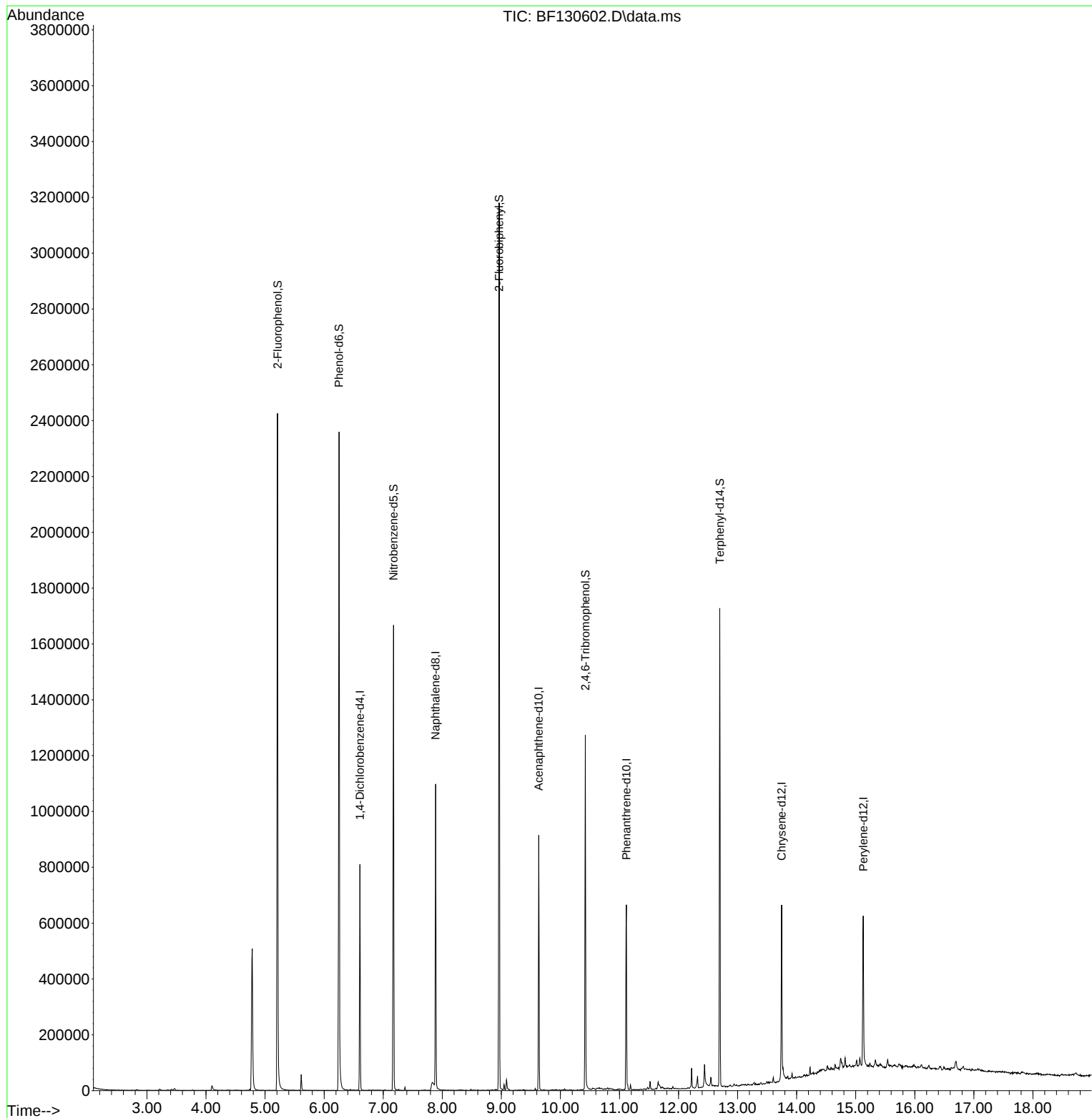
Target Compounds	Qvalue

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

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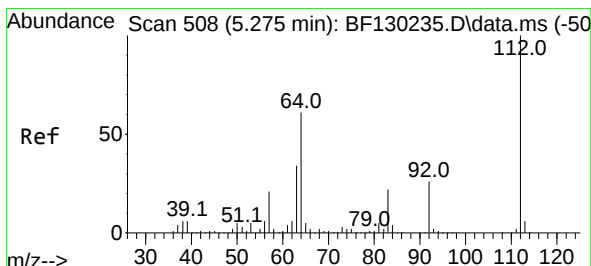
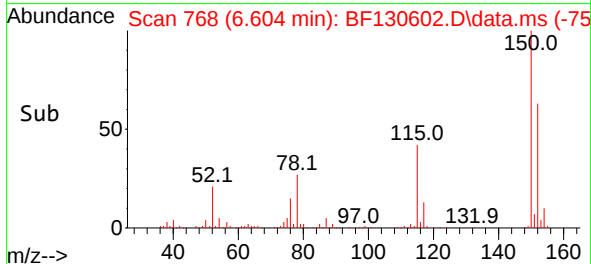
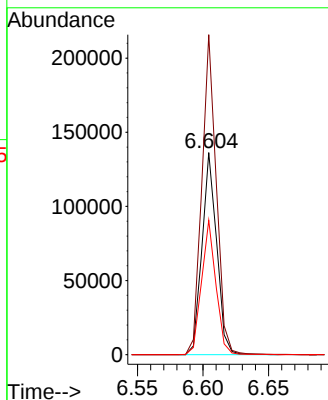
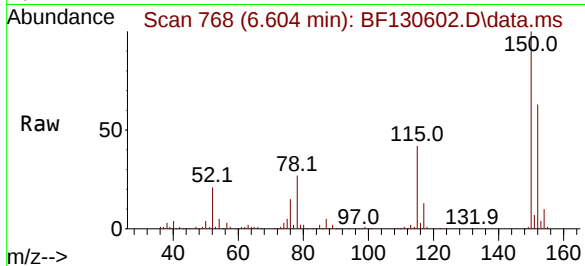




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.604 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF130602.D
 Acq: 10 Oct 2022 14:43

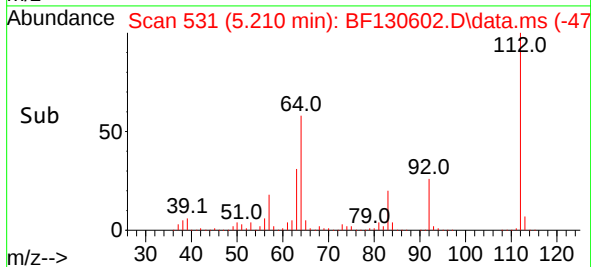
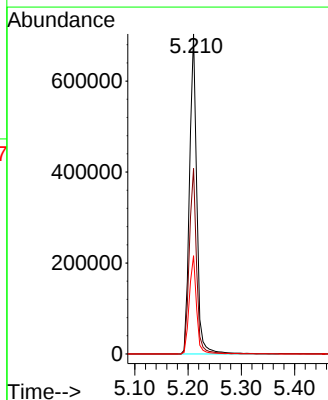
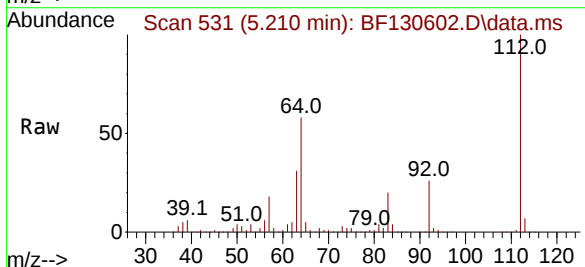
Instrument :
 BNA_F
 ClientSampleId :
 R-3

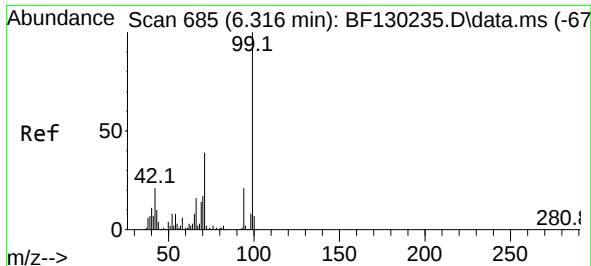
Tgt Ion:152 Resp: 106586
 Ion Ratio Lower Upper
 152 100
 150 158.3 122.8 184.2
 115 66.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 108.777 ng
 RT: 5.210 min Scan# 531
 Delta R.T. 0.006 min
 Lab File: BF130602.D
 Acq: 10 Oct 2022 14:43

Tgt Ion:112 Resp: 668457
 Ion Ratio Lower Upper
 112 100
 64 57.9 51.4 77.0
 63 30.7 28.8 43.2



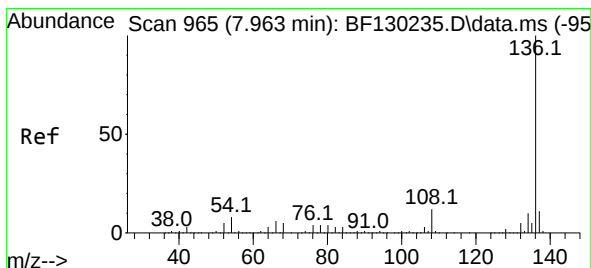
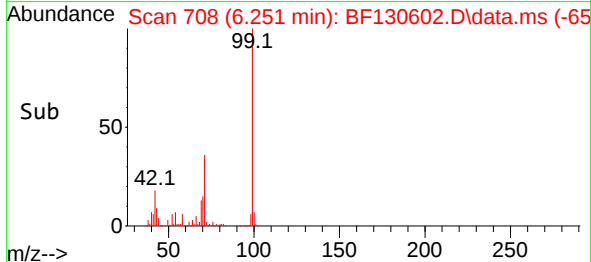
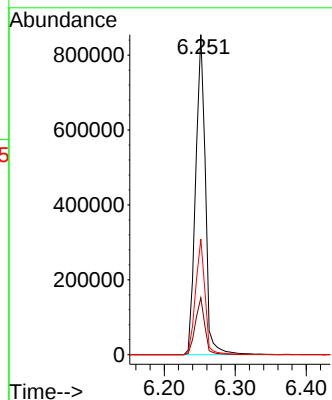
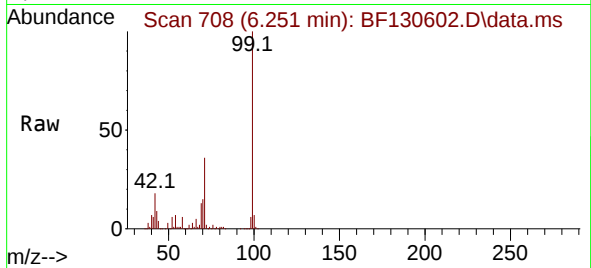


#7
Phenol-d6
Concen: 106.692 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130602.D
Acq: 10 Oct 2022 14:43

Instrument :
BNA_F
ClientSampleId :
R-3

Tgt Ion: 99 Resp: 820362

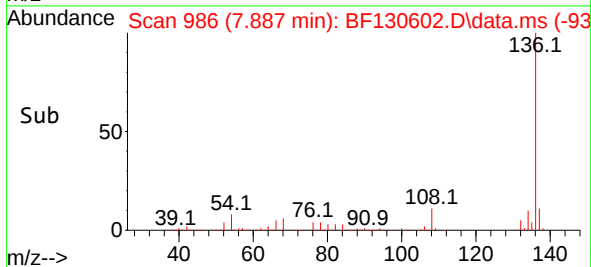
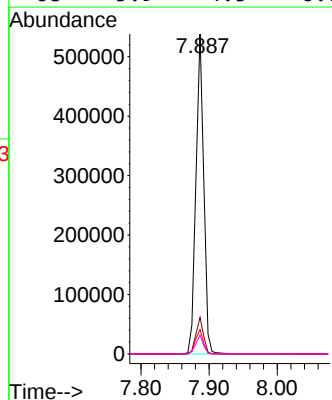
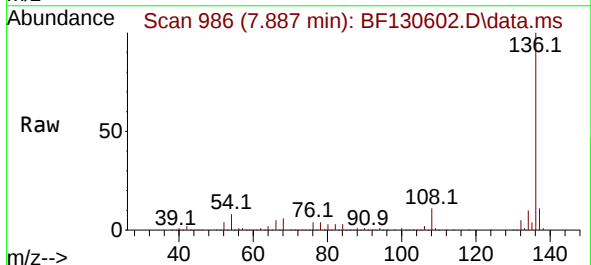
Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.0	25.6
71	36.2	32.3	48.5

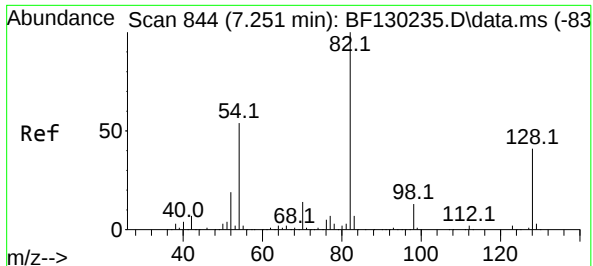


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF130602.D
Acq: 10 Oct 2022 14:43

Tgt Ion: 136 Resp: 424667

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	7.1	10.7
68	5.9	4.5	6.7

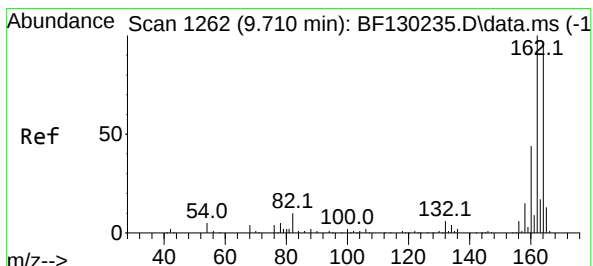
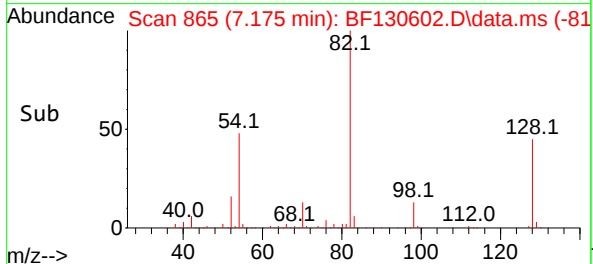
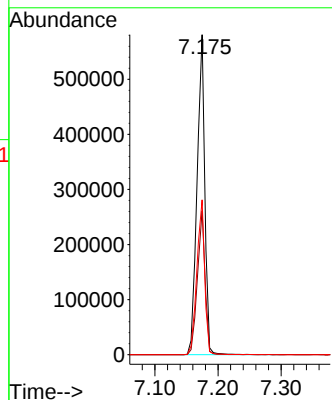
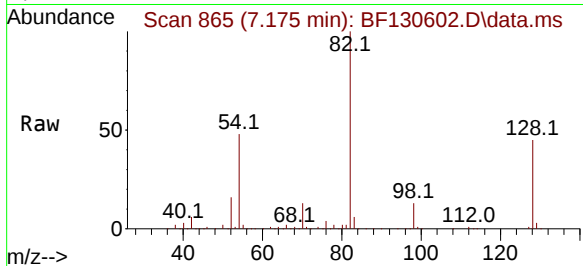




#23
Nitrobenzene-d5
Concen: 59.326 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130602.D
Acq: 10 Oct 2022 14:43

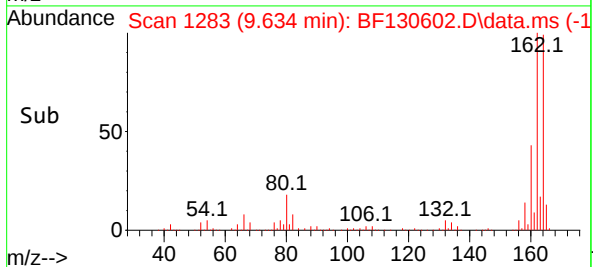
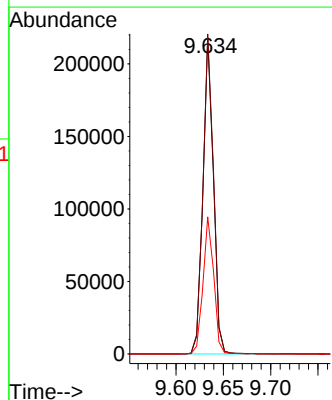
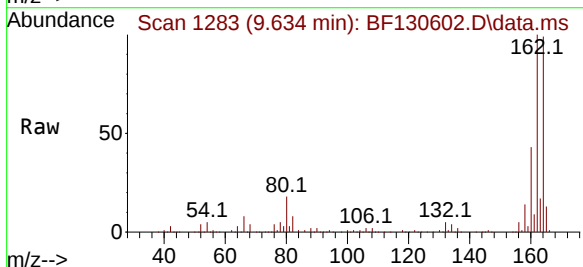
Instrument :
BNA_F
ClientSampleId :
R-3

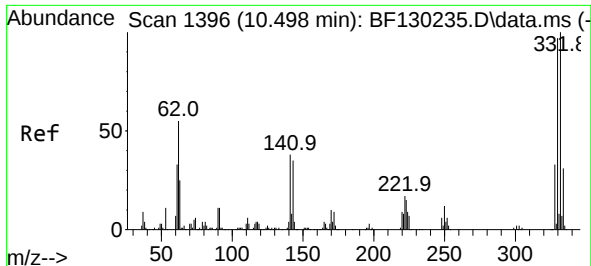
Tgt Ion: 82 Resp: 493142
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 48.4 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130602.D
Acq: 10 Oct 2022 14:43

Tgt Ion:164 Resp: 167370
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.438 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF130602.D

Acq: 10 Oct 2022 14:43

Instrument :

BNA_F

ClientSampleId :

R-3

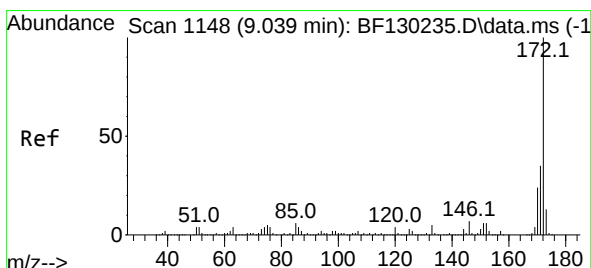
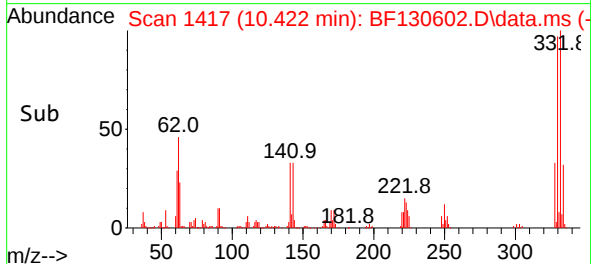
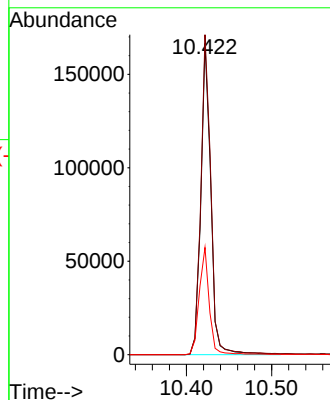
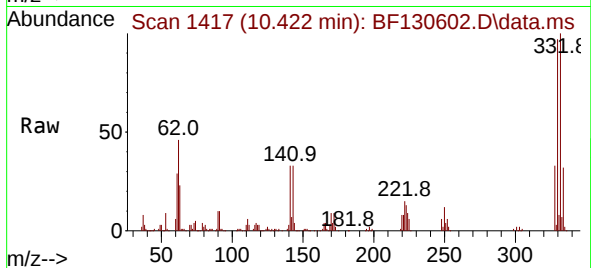
Tgt Ion:330 Resp: 135416

Ion Ratio Lower Upper

330 100

332 104.3 83.4 125.2

141 35.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 74.775 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130602.D

Acq: 10 Oct 2022 14:43

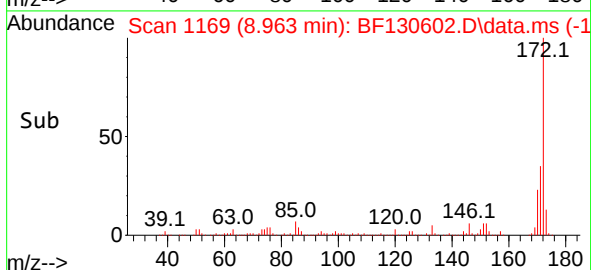
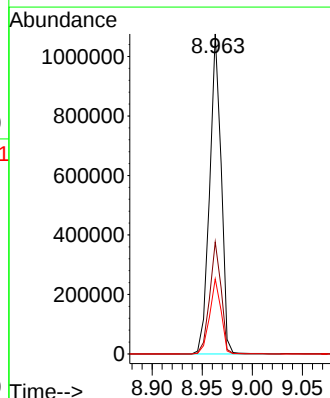
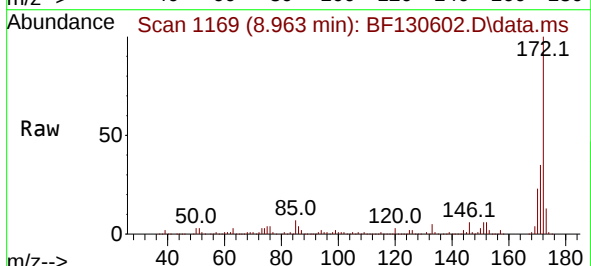
Tgt Ion:172 Resp: 859445

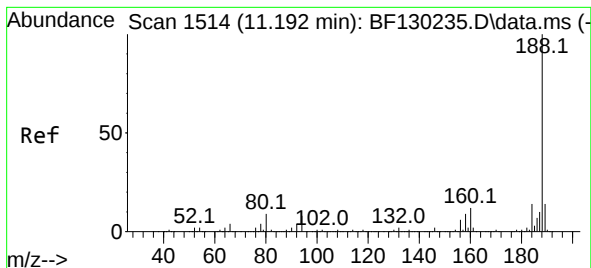
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130602.D

Acq: 10 Oct 2022 14:43

Instrument :

BNA_F

ClientSampleId :

R-3

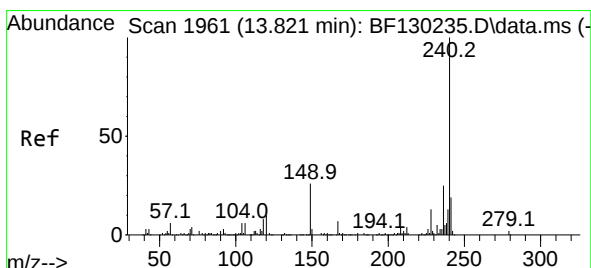
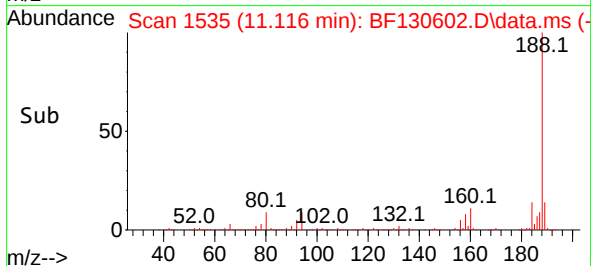
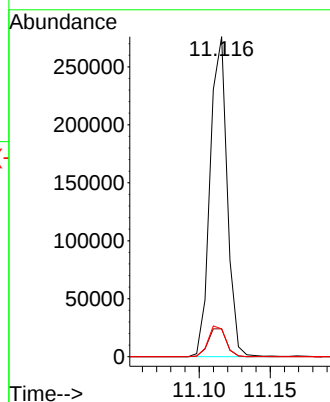
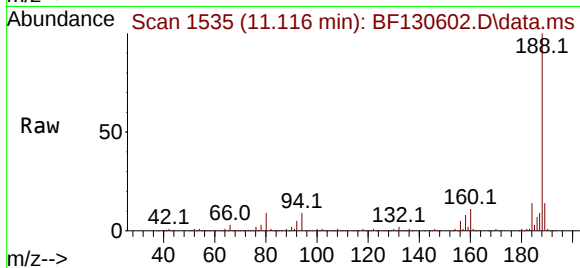
Tgt Ion:188 Resp: 230780

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 8.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.745 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF130602.D

Acq: 10 Oct 2022 14:43

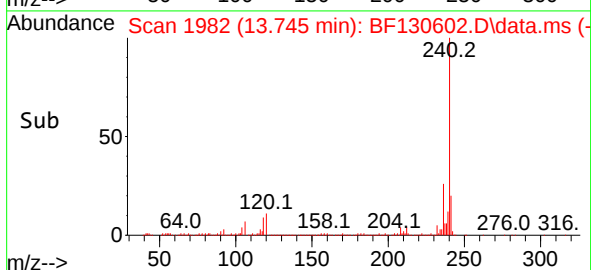
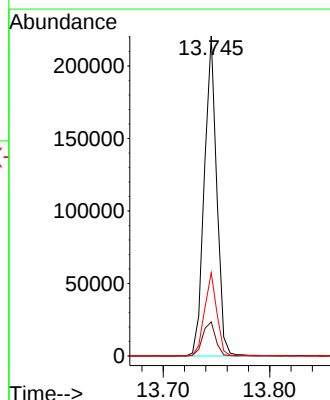
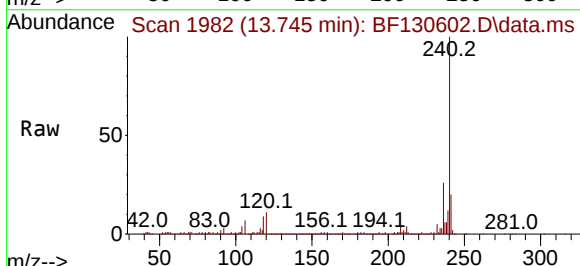
Tgt Ion:240 Resp: 179121

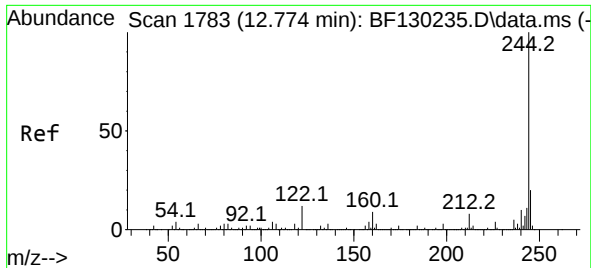
Ion Ratio Lower Upper

240 100

120 10.7 8.7 13.1

236 26.0 20.9 31.3

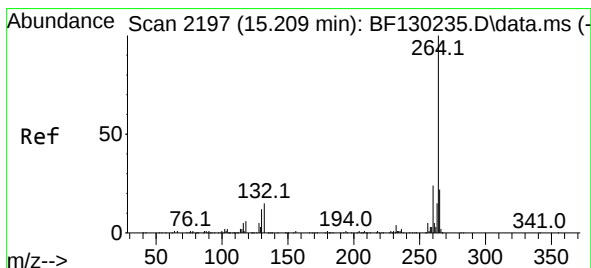
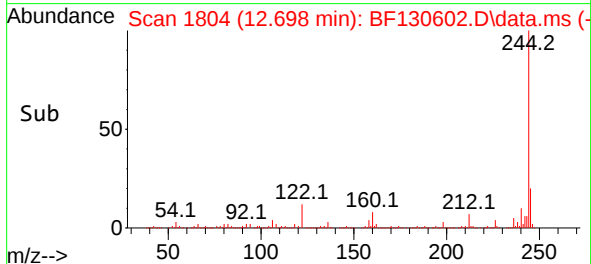
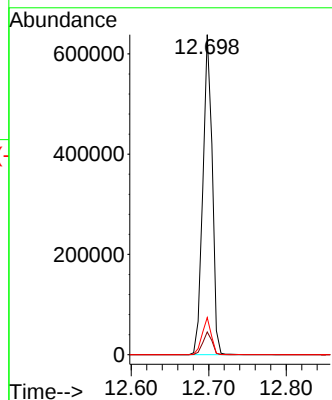
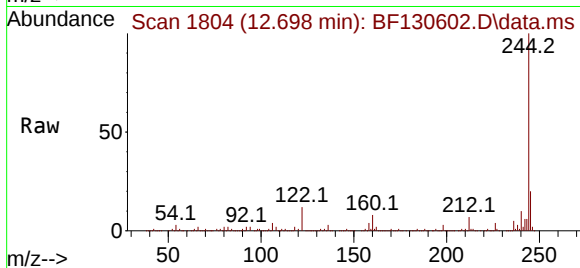




#79
 Terphenyl-d14
 Concen: 49.463 ng
 RT: 12.698 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130602.D
 Acq: 10 Oct 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 R-3

Tgt Ion:244 Resp: 534852
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF130602.D
 Acq: 10 Oct 2022 14:43

Tgt Ion:264 Resp: 213305
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 21.9 17.0 25.4

