

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130290.D
 Acq On : 16 Sep 2022 14:15
 Operator : CG\JU
 Sample : N4663-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-9

Quant Time: Sep 17 02:32:21 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 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	93791	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	361858	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	186422	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	284273	20.000	ng	0.00
76) Chrysene-d12	13.810	240	152272	20.000	ng	-0.01
86) Perylene-d12	15.209	264	188885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	326211	60.326	ng	0.00
7) Phenol-d6	6.304	99	254867	37.669	ng	-0.01
23) Nitrobenzene-d5	7.245	82	593300	83.764	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	171349	95.925	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1048030	81.864	ng	0.00
79) Terphenyl-d14	12.774	244	718061	78.114	ng	0.00

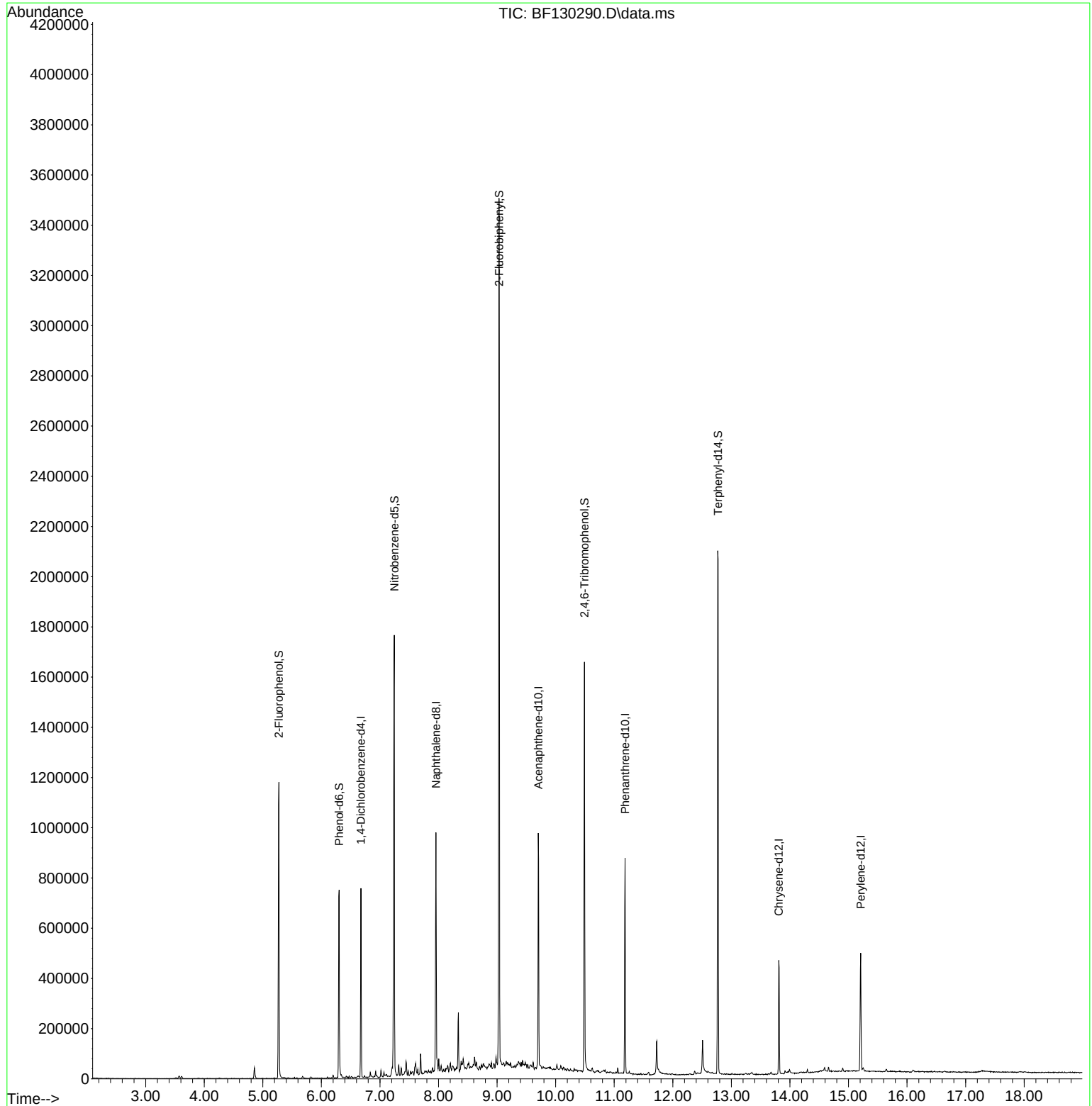
Target Compounds Qvalue

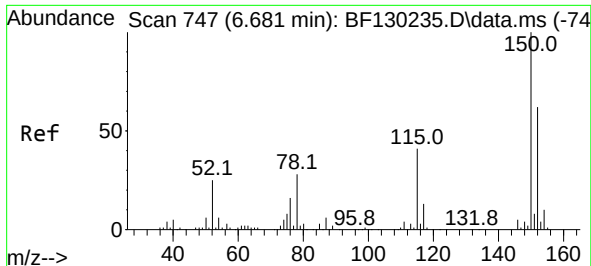
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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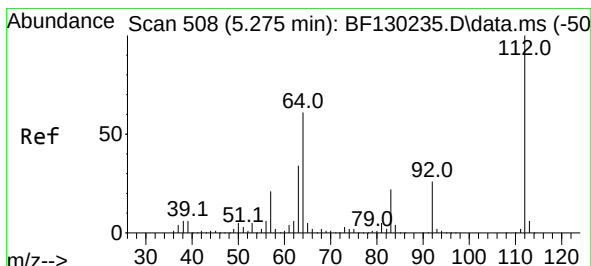
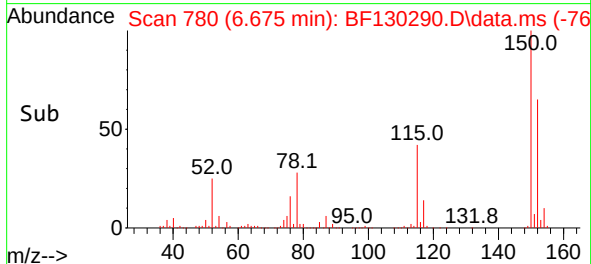
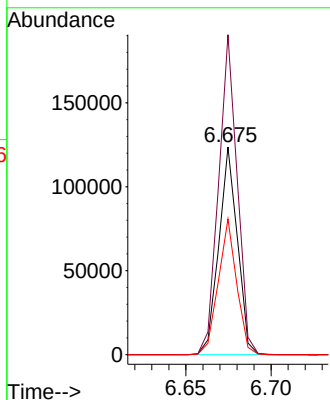
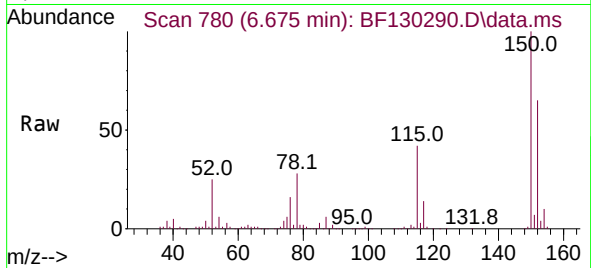




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

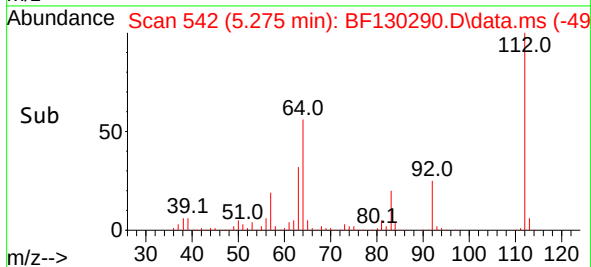
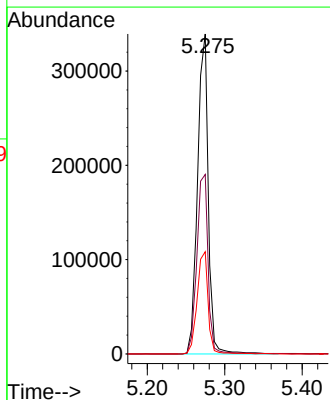
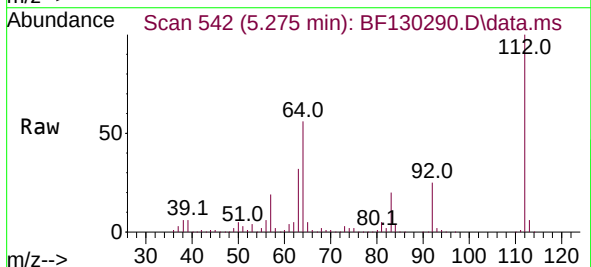
Instrument :
BNA_F
ClientSampleId :
HW-9

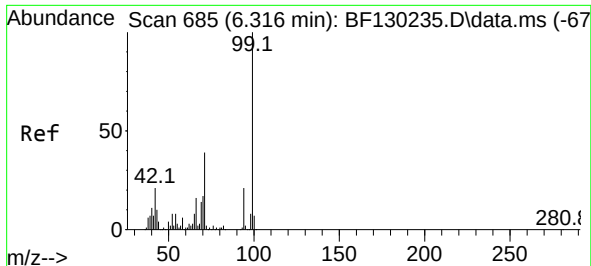
Tgt Ion:152 Resp: 93791
Ion Ratio Lower Upper
152 100
150 154.2 122.8 184.2
115 65.4 53.8 80.8



#5
2-Fluorophenol
Concen: 60.326 ng
RT: 5.275 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion:112 Resp: 326211
Ion Ratio Lower Upper
112 100
64 56.1 51.4 77.0
63 31.9 28.8 43.2

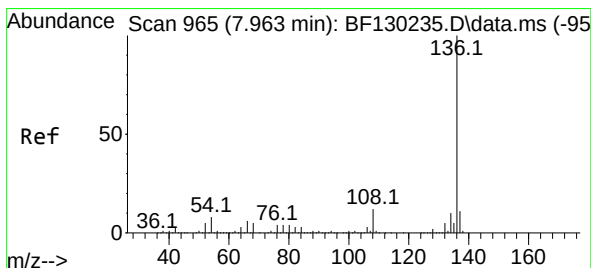
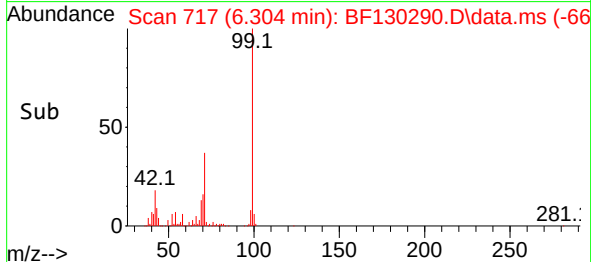
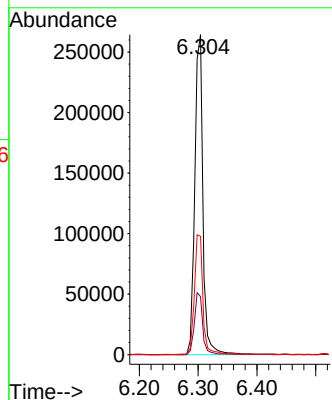
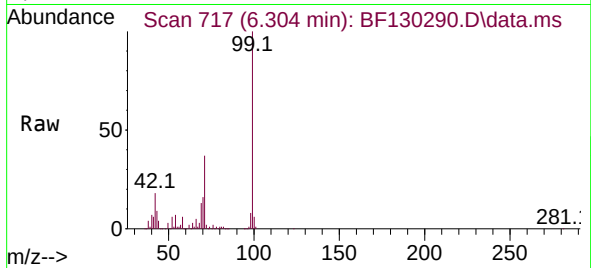




#7
Phenol-d6
Concen: 37.669 ng
RT: 6.304 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

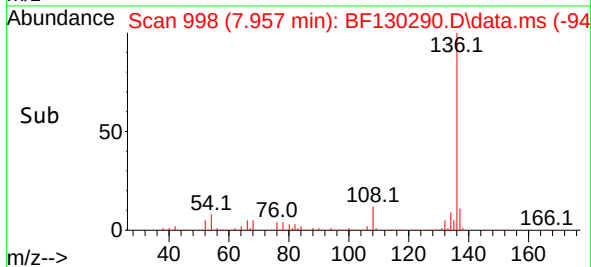
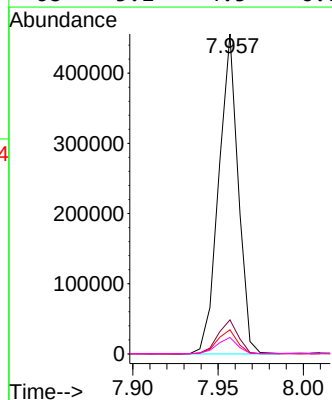
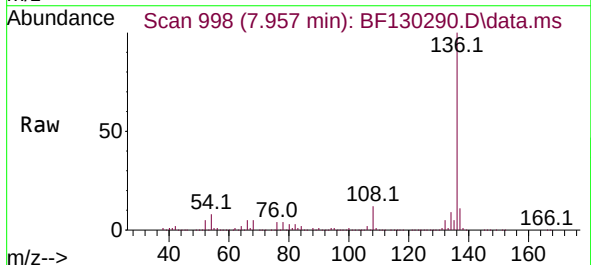
Instrument :
BNA_F
ClientSampleId :
HW-9

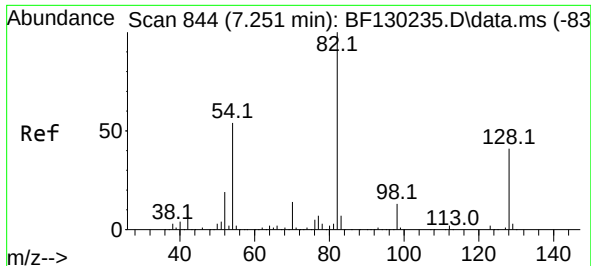
Tgt Ion: 99 Resp: 254867
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion: 136 Resp: 361858
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.5 7.1 10.7
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 83.764 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

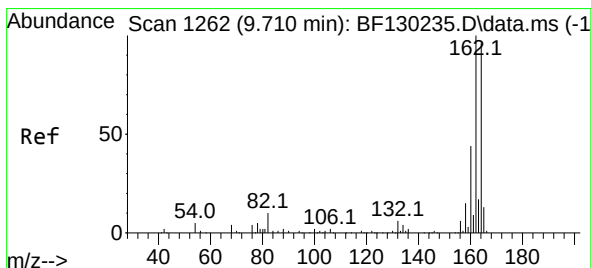
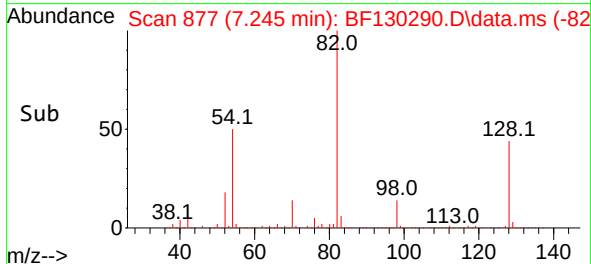
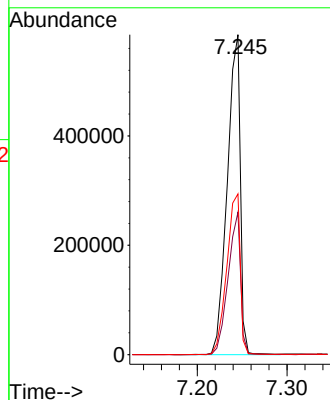
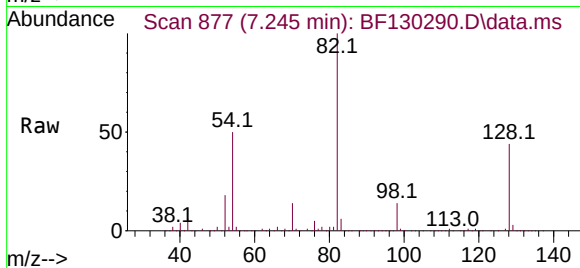
Tgt Ion: 82 Resp: 593300

Ion Ratio Lower Upper

82 100

128 44.5 32.6 49.0

54 50.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

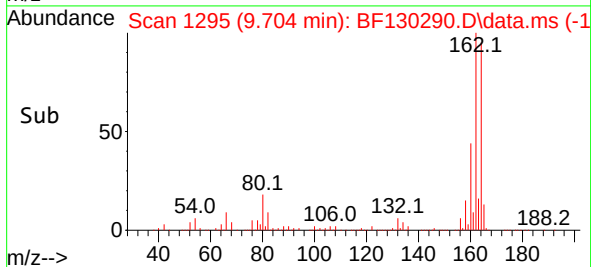
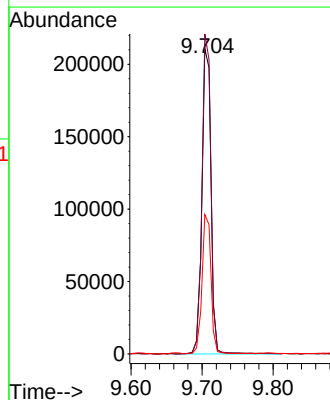
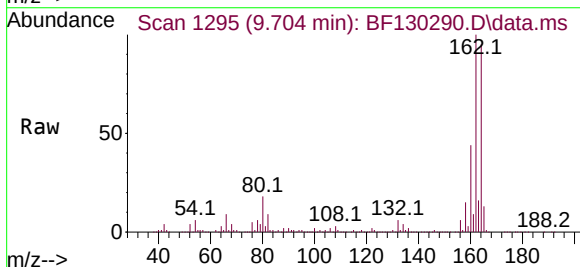
Tgt Ion: 164 Resp: 186422

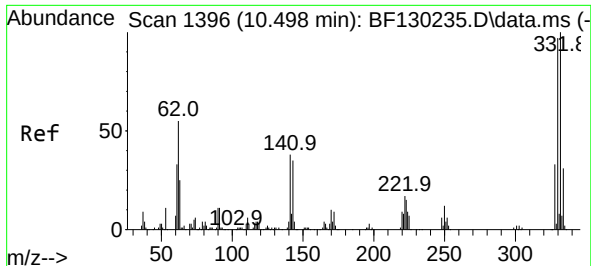
Ion Ratio Lower Upper

164 100

162 104.8 81.4 122.0

160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 95.925 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

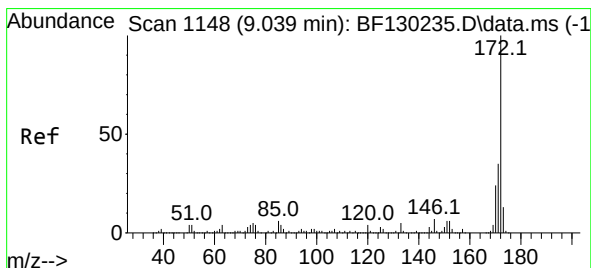
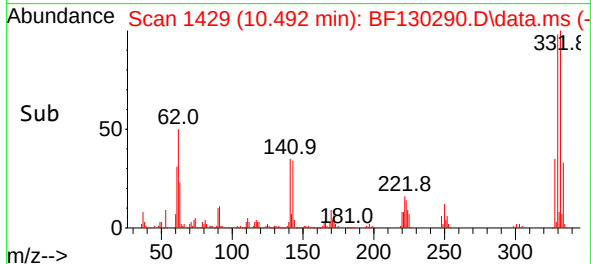
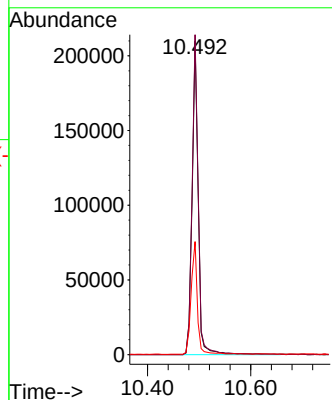
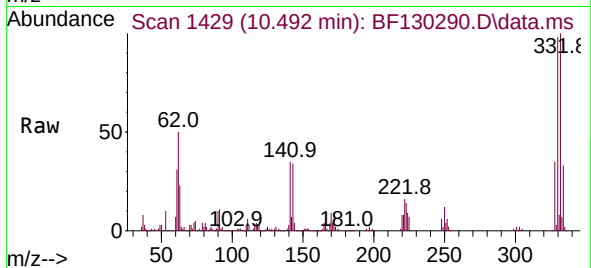
Tgt Ion:330 Resp: 171349

Ion Ratio Lower Upper

330 100

332 102.6 83.4 125.2

141 36.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 81.864 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

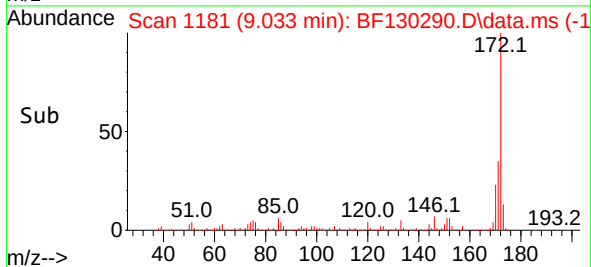
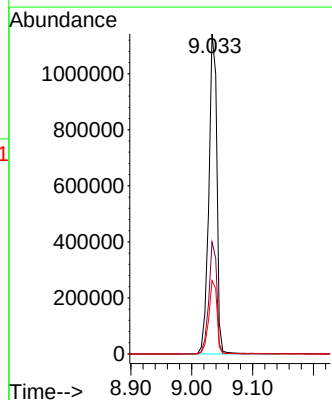
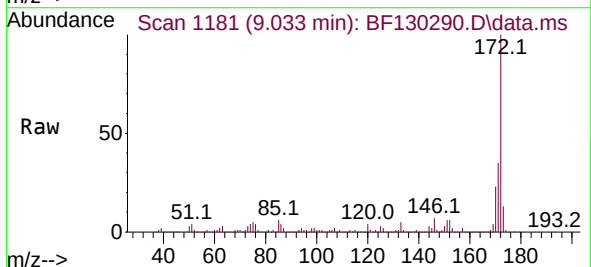
Tgt Ion:172 Resp: 1048030

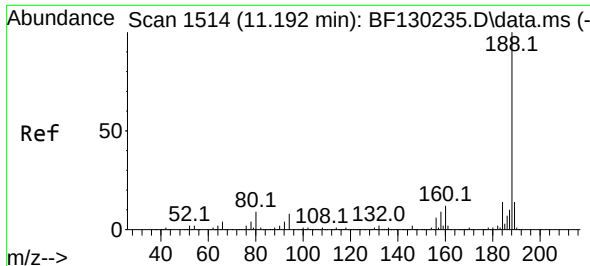
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.9 18.7 28.1

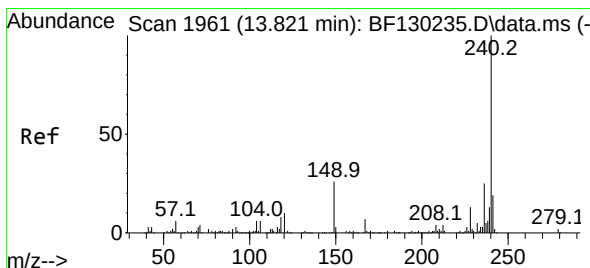
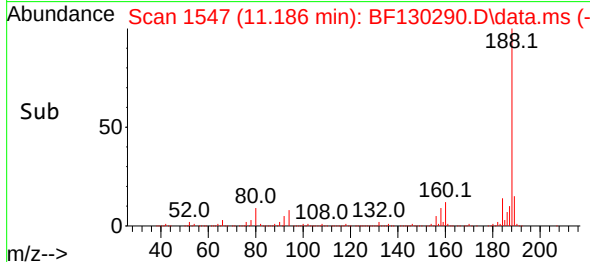
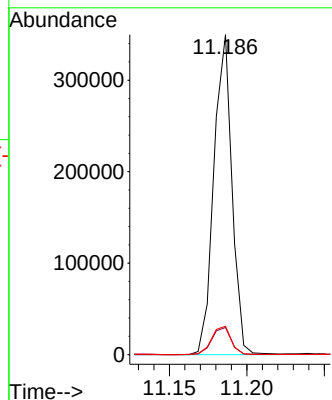
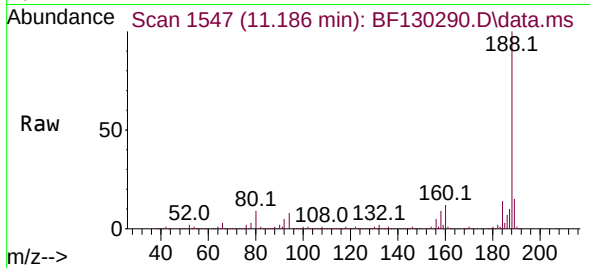




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

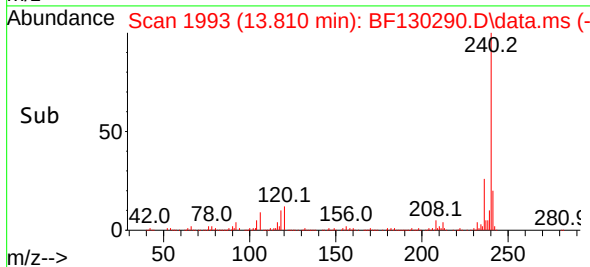
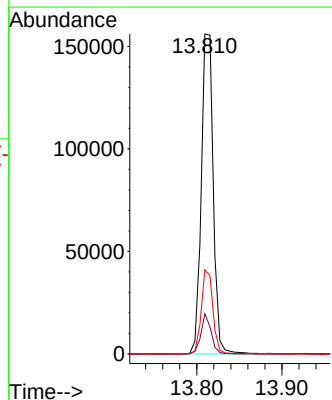
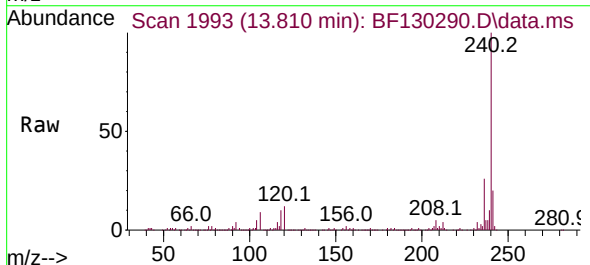
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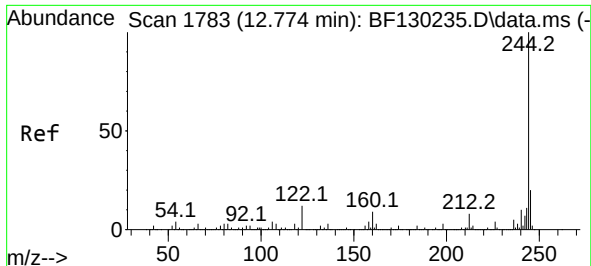
Tgt Ion:188 Resp: 284273
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion:240 Resp: 152272
Ion Ratio Lower Upper
240 100
120 12.5 8.7 13.1
236 26.3 20.9 31.3

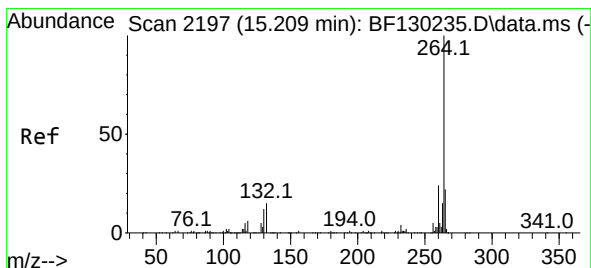
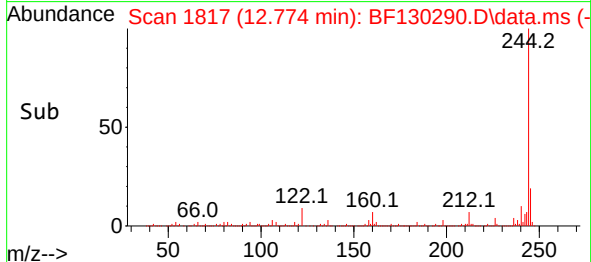
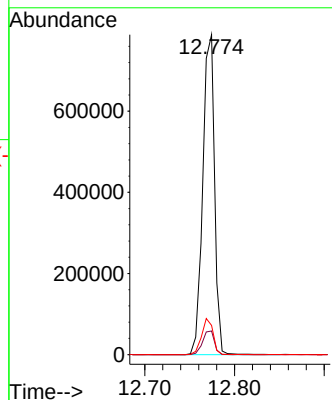
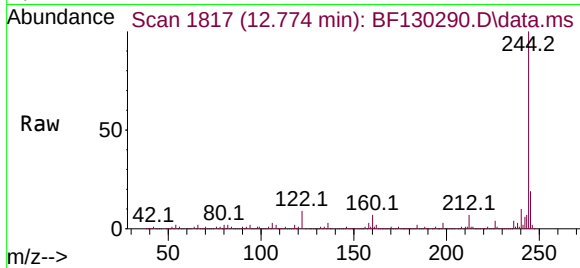




#79
 Terphenyl-d14
 Concen: 78.114 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. -0.000 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 718061
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.209 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

Tgt Ion:264 Resp: 188885
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.5 17.0 25.4

