

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130258.D
 Acq On : 15 Sep 2022 01:01
 Operator : CG\JU
 Sample : N4579-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-13

Quant Time: Sep 15 01:33:04 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	101817	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	408102	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	215731	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	363934	20.000	ng	0.00
76) Chrysene-d12	13.810	240	187487	20.000	ng	-0.01
86) Perylene-d12	15.204	264	152440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	820751	139.816	ng	0.02
7) Phenol-d6	6.310	99	961494	130.904	ng	0.00
23) Nitrobenzene-d5	7.245	82	730206	91.411	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	355157	171.813	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1347717	90.971	ng	0.00
79) Terphenyl-d14	12.774	244	1288525	113.844	ng	0.00

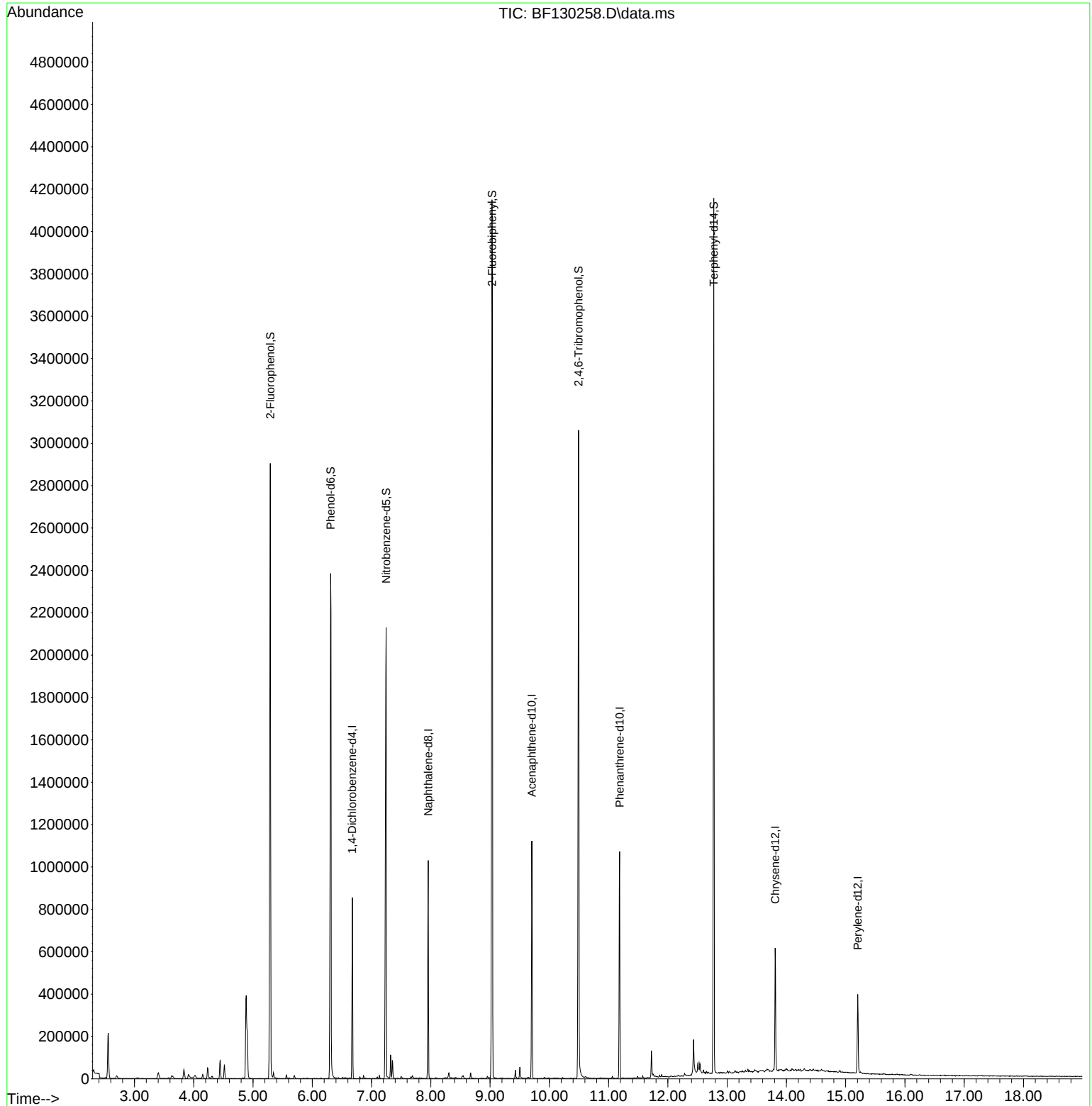
Target Compounds Qvalue

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

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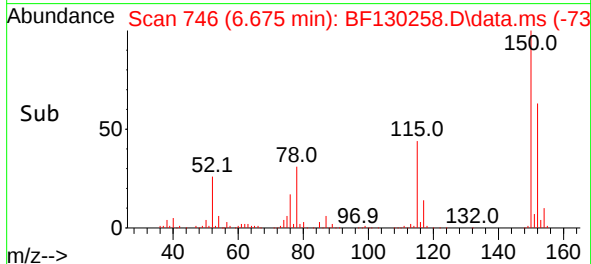
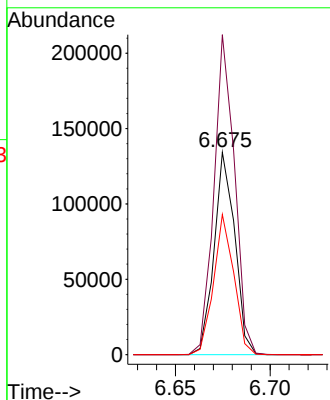
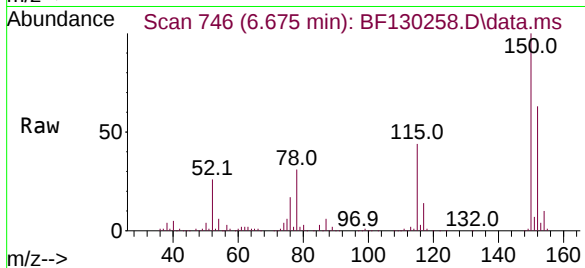




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

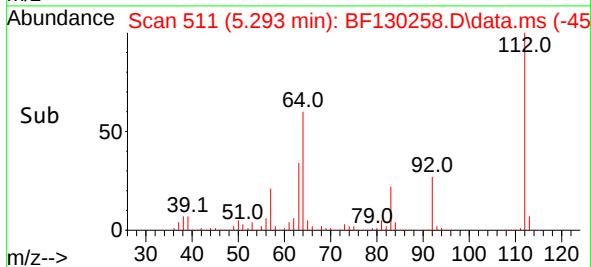
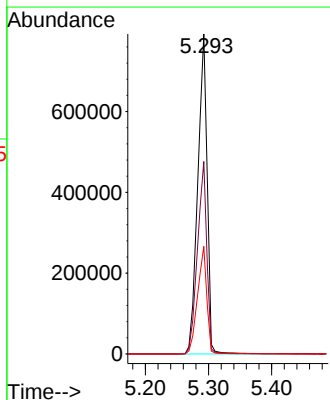
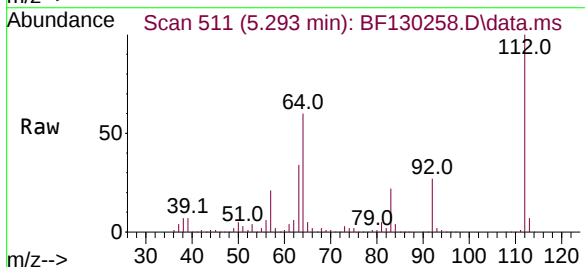
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-13

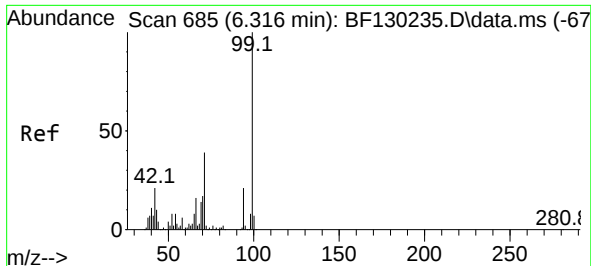
Tgt Ion:152 Resp: 101817
Ion Ratio Lower Upper
152 100
150 158.2 122.8 184.2
115 69.3 53.8 80.8



#5
2-Fluorophenol
Concen: 139.816 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion:112 Resp: 820751
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 33.6 28.8 43.2

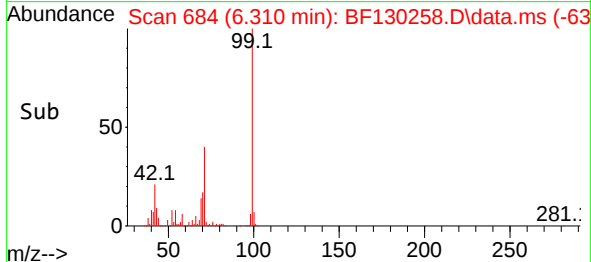
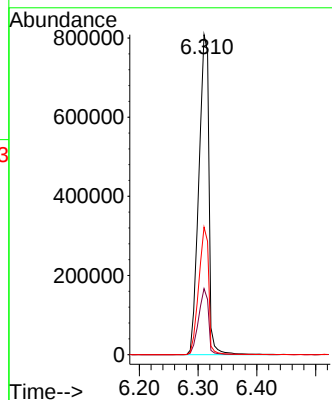
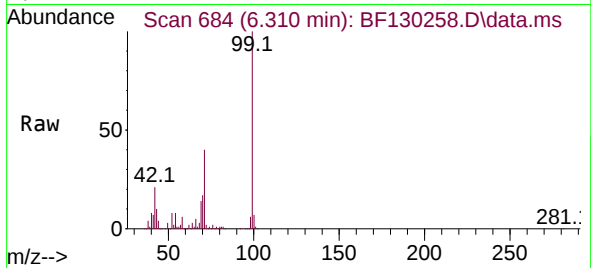




#7
Phenol-d6
Concen: 130.904 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

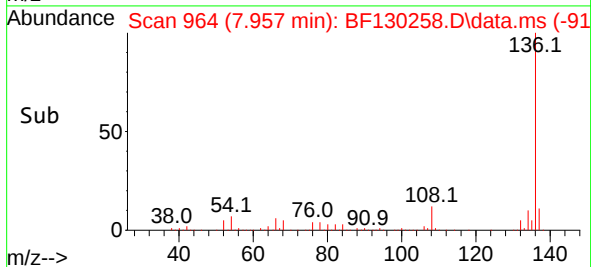
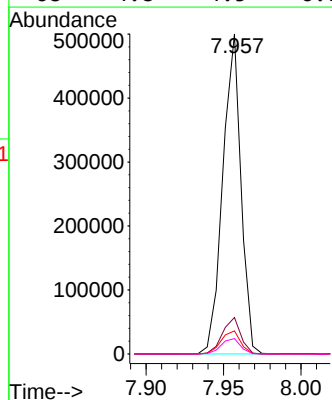
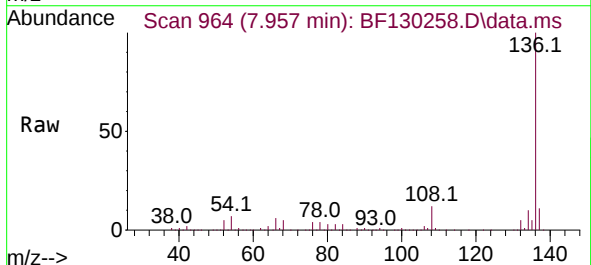
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-13

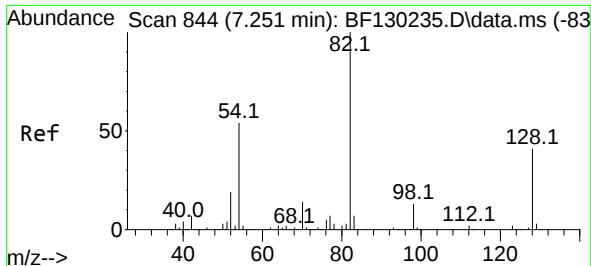
Tgt Ion: 99 Resp: 961494
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion: 136 Resp: 408102
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.2 7.1 10.7
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 91.411 ng

RT: 7.245 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-13

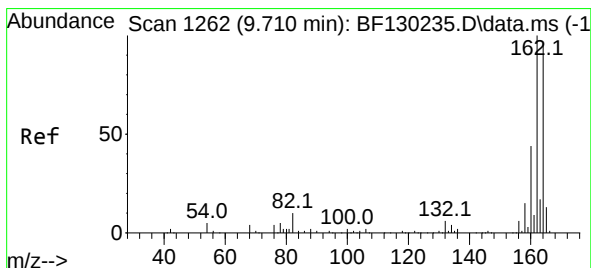
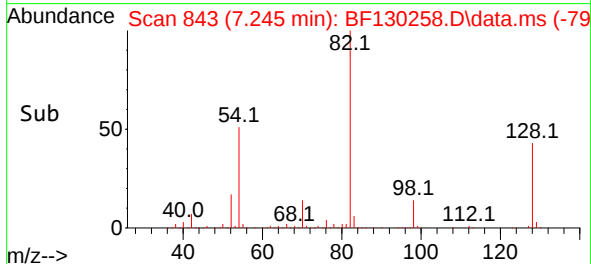
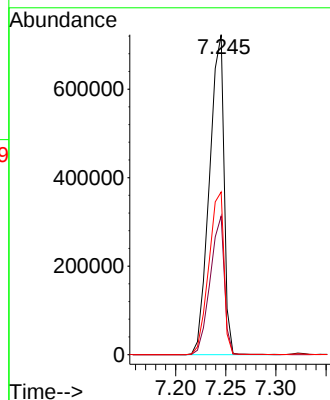
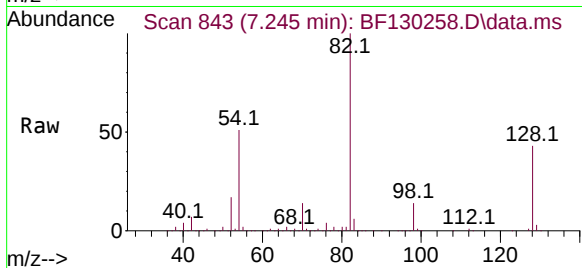
Tgt Ion: 82 Resp: 730206

Ion Ratio Lower Upper

82 100

128 43.3 32.6 49.0

54 50.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

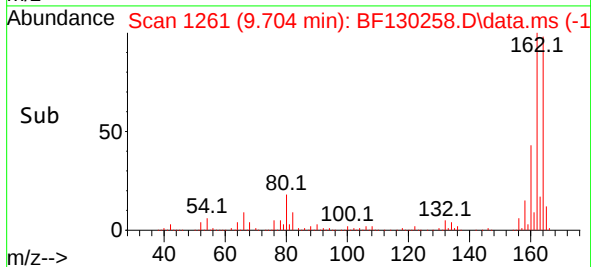
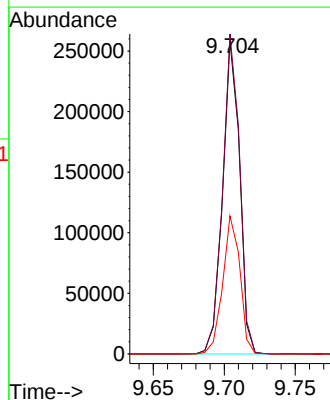
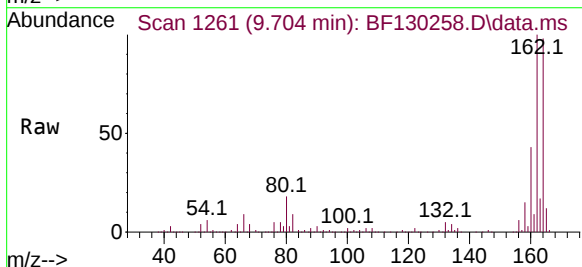
Tgt Ion:164 Resp: 215731

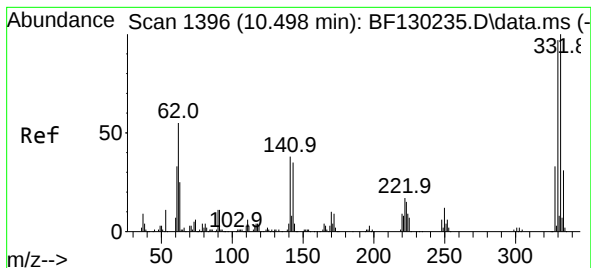
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 171.813 ng

RT: 10.492 min Scan# 1396

Delta R.T. -0.006 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-13

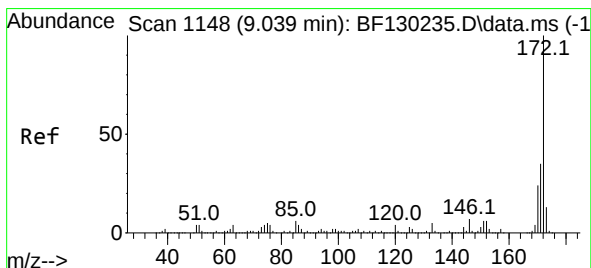
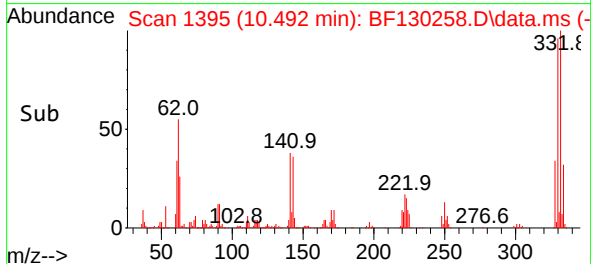
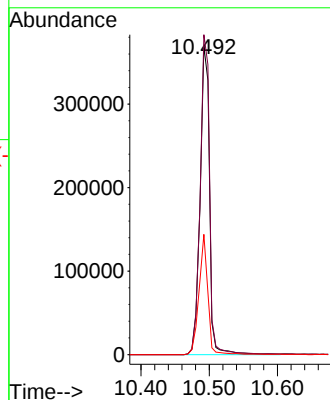
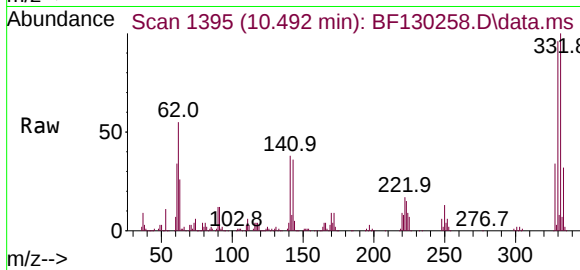
Tgt Ion:330 Resp: 355157

Ion Ratio Lower Upper

330 100

332 103.9 83.4 125.2

141 36.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 90.971 ng

RT: 9.033 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

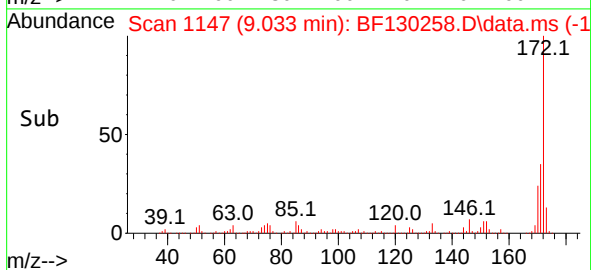
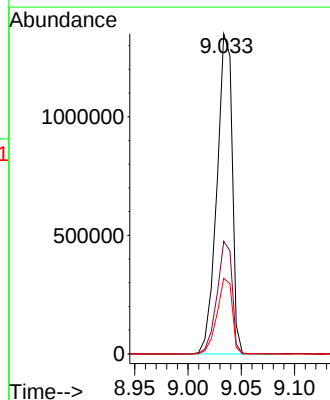
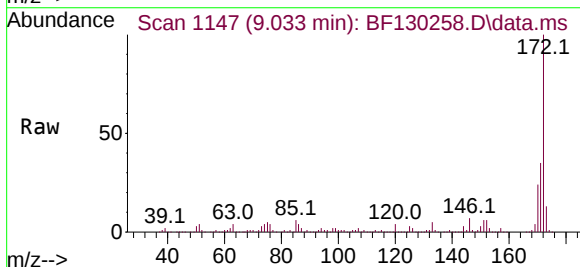
Tgt Ion:172 Resp: 1347717

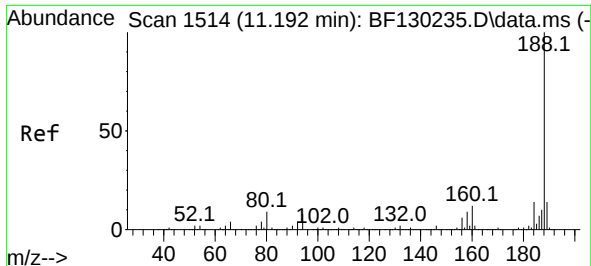
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 18.7 28.1

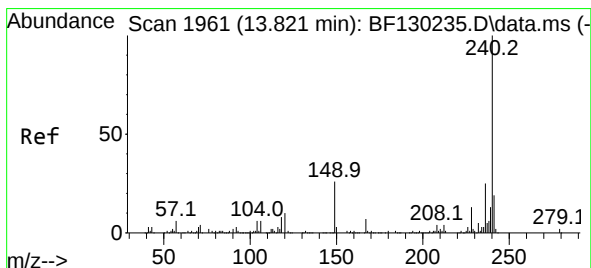
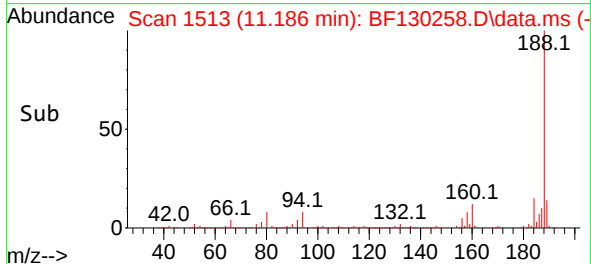
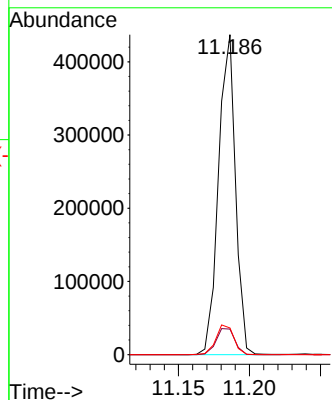
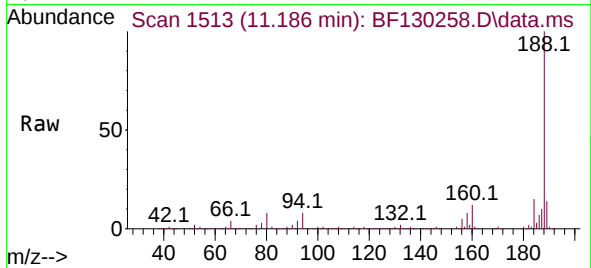




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

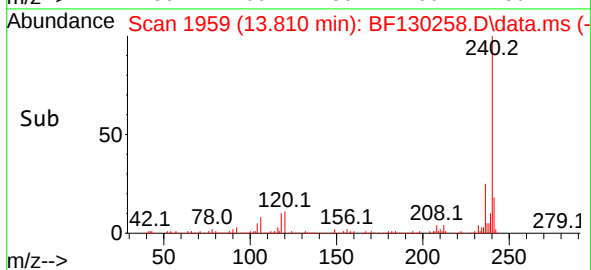
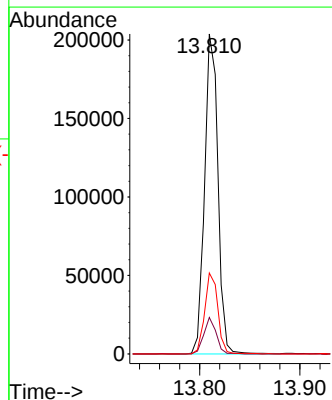
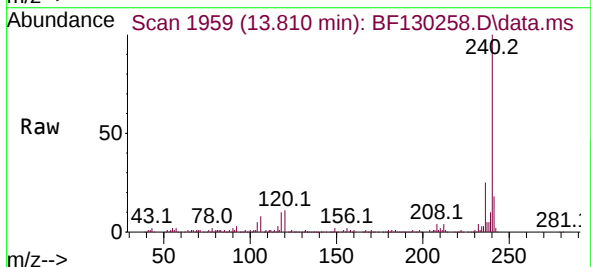
Instrument :
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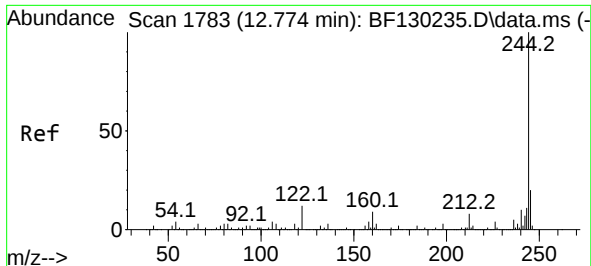
Tgt Ion:188 Resp: 363934
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

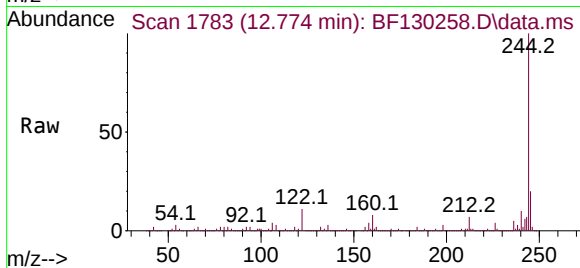
Tgt Ion:240 Resp: 187487
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.3 20.9 31.3





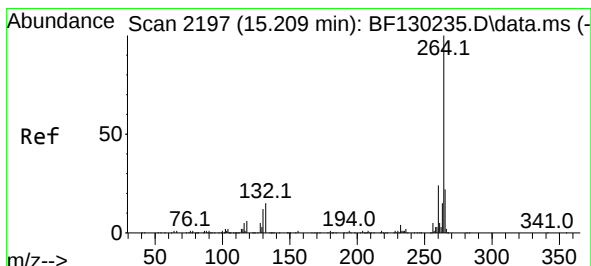
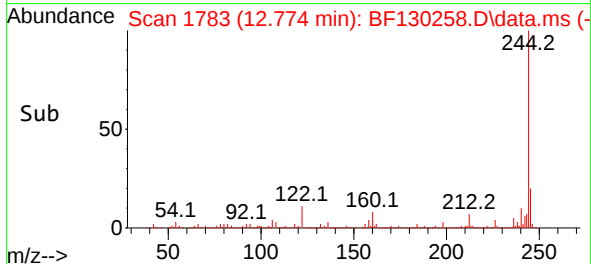
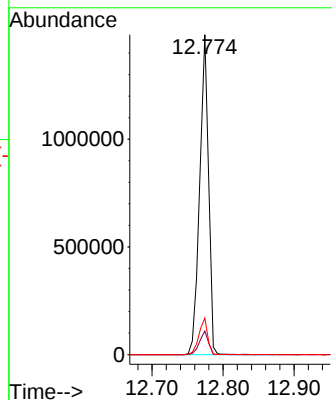
#79
 Terphenyl-d14
 Concen: 113.844 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130258.D
 Acq: 15 Sep 2022 01:01

Instrument :
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Tgt Ion:244 Resp: 1288525

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.4	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130258.D
 Acq: 15 Sep 2022 01:01

Tgt Ion:264 Resp: 152440

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	20.9	17.0	25.4

