

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130428.D
 Acq On : 27 Sep 2022 16:50
 Operator : CG\JU
 Sample : N4822-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER-INSIDE-SITE

Quant Time: Sep 27 18:42:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	112087	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	447227	20.000	ng	-0.02
39) Acenaphthene-d10	9.674	164	244631	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	434001	20.000	ng	-0.01
76) Chrysene-d12	13.786	240	318070	20.000	ng	-0.02
86) Perylene-d12	15.168	264	258954	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	713670	110.435	ng	0.00
7) Phenol-d6	6.286	99	884728	109.416	ng	0.00
23) Nitrobenzene-d5	7.210	82	566140	64.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	310024	132.261	ng	-0.02
45) 2-Fluorobiphenyl	9.004	172	1151777	68.561	ng	-0.01
79) Terphenyl-d14	12.745	244	1355835	70.611	ng	-0.01

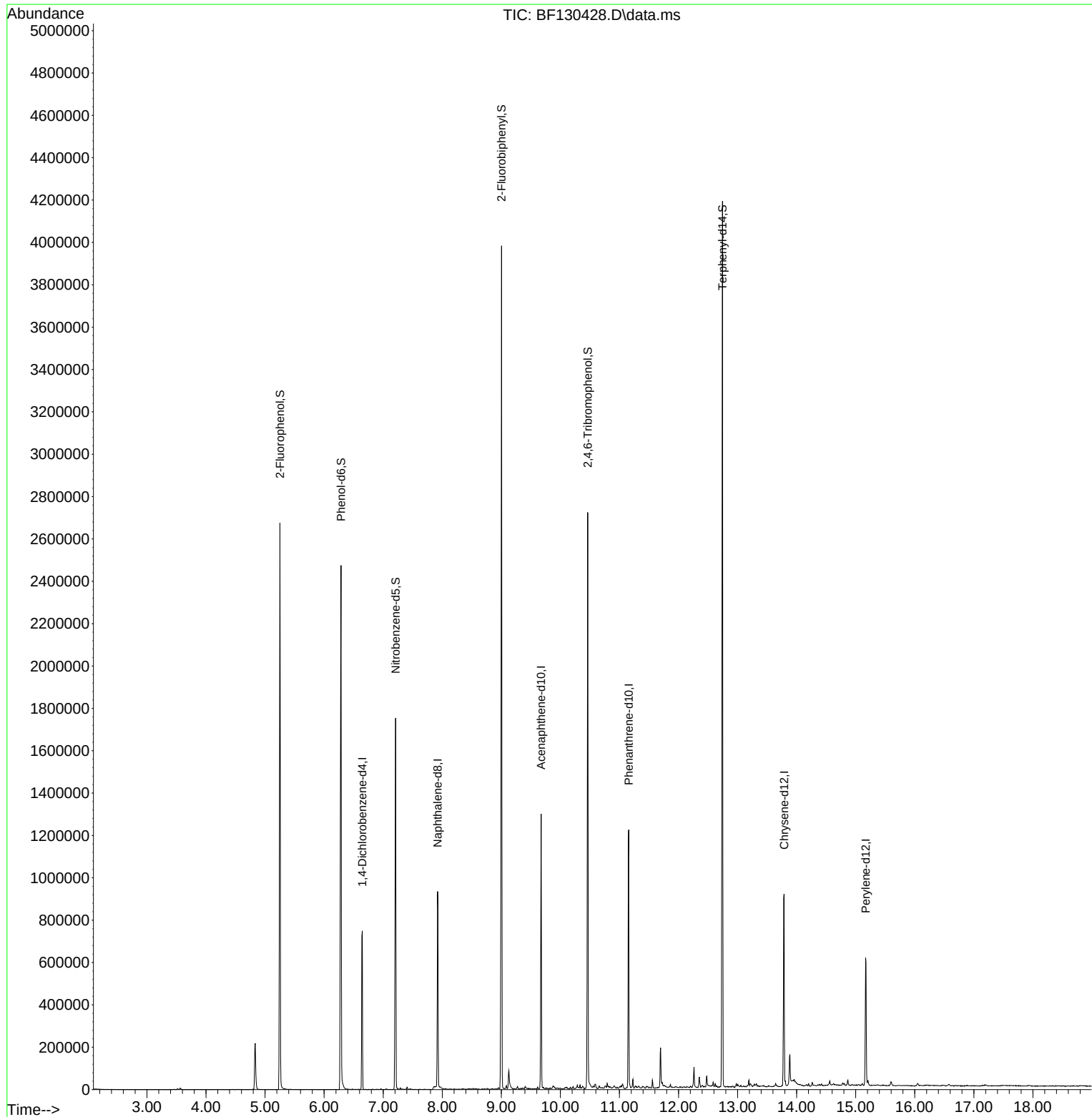
Target Compounds	Qvalue

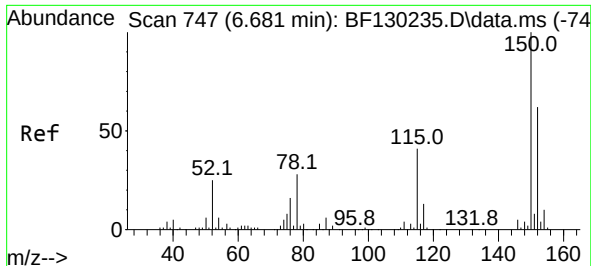
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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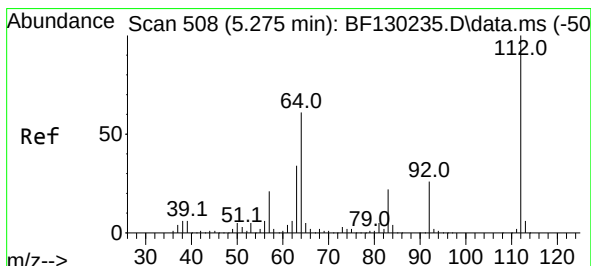
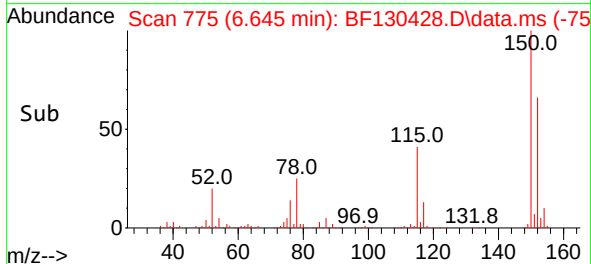
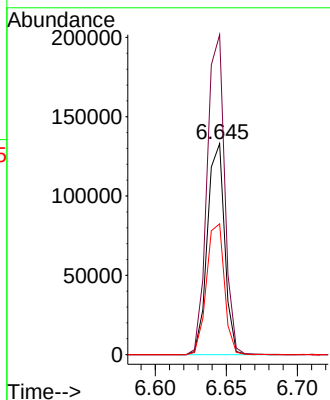
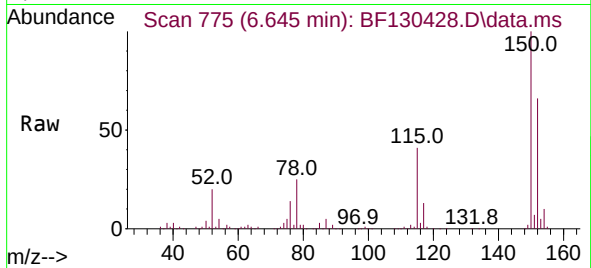




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

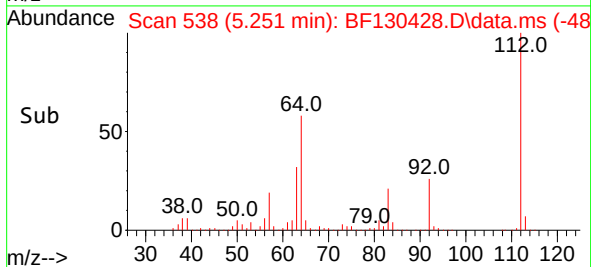
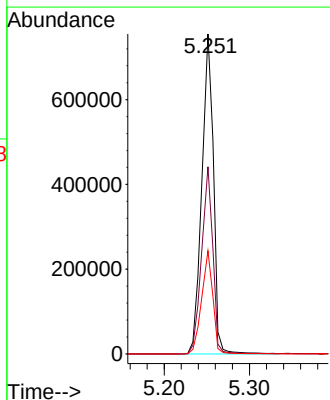
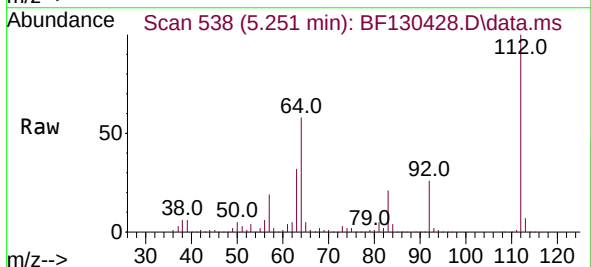
Instrument :
BNA_F
ClientSampleId :
PIER-INSIDE-SITE

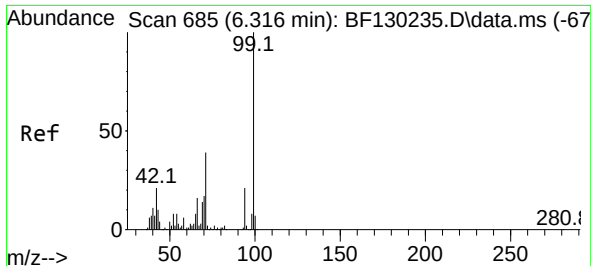
Tgt Ion:152 Resp: 112087
Ion Ratio Lower Upper
152 100
150 151.7 122.8 184.2
115 62.0 53.8 80.8



#5
2-Fluorophenol
Concen: 110.435 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

Tgt Ion:112 Resp: 713670
Ion Ratio Lower Upper
112 100
64 58.5 51.4 77.0
63 32.2 28.8 43.2

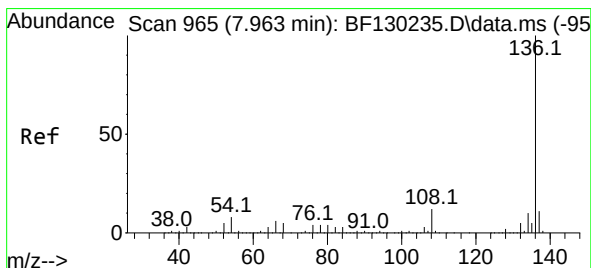
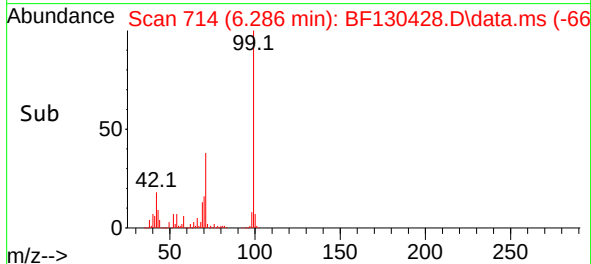
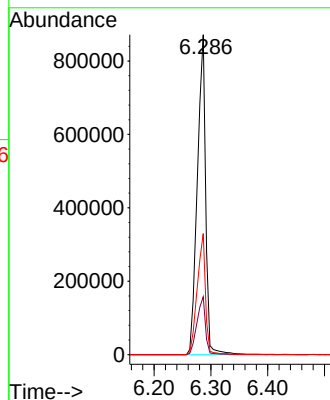
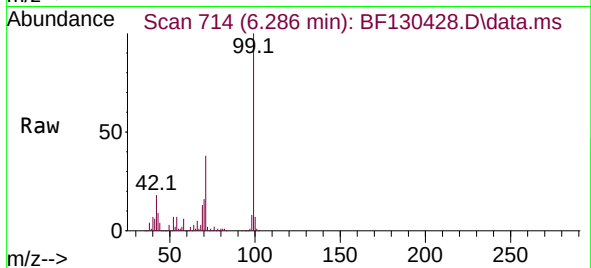




#7
Phenol-d6
Concen: 109.416 ng
RT: 6.286 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

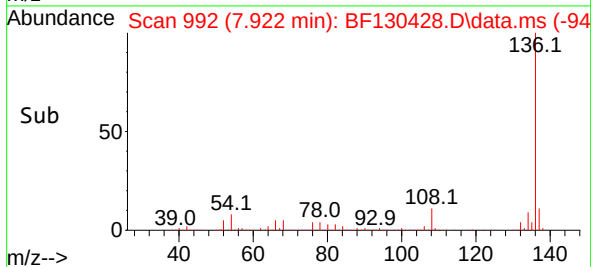
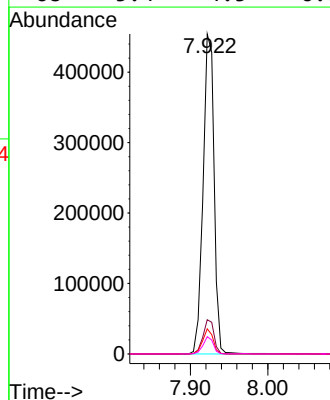
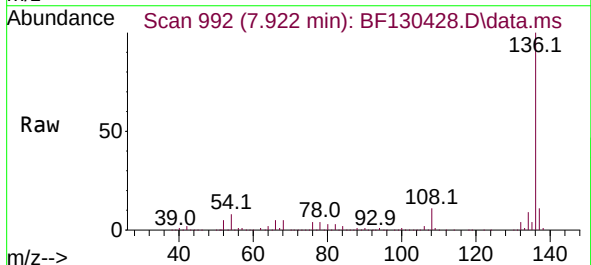
Instrument :
BNA_F
ClientSampleId :
PIER-INSIDE-SITE

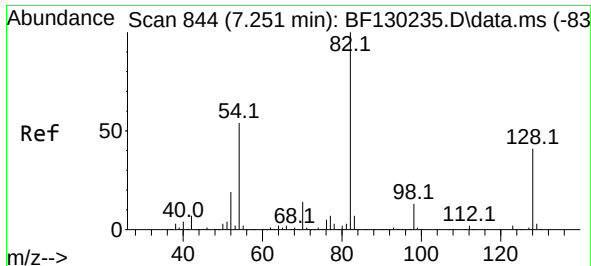
Tgt Ion: 99 Resp: 884728
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

Tgt Ion: 136 Resp: 447227
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.8 7.1 10.7
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 64.672 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130428.D

Acq: 27 Sep 2022 16:50

Instrument :

BNA_F

ClientSampleId :

PIER-INSIDE-SITE

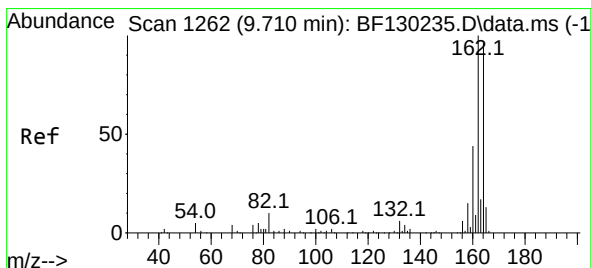
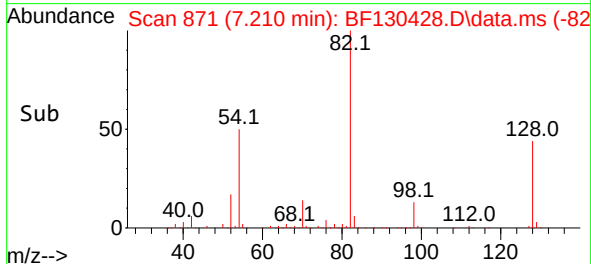
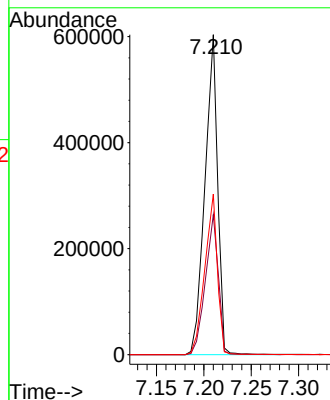
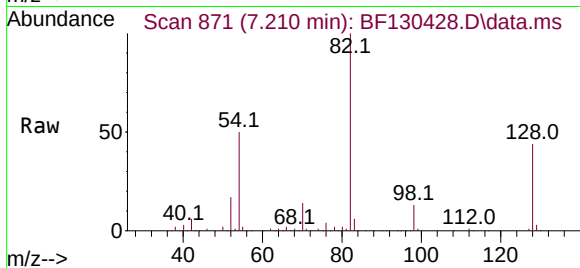
Tgt Ion: 82 Resp: 566140

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

54 50.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.674 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BF130428.D

Acq: 27 Sep 2022 16:50

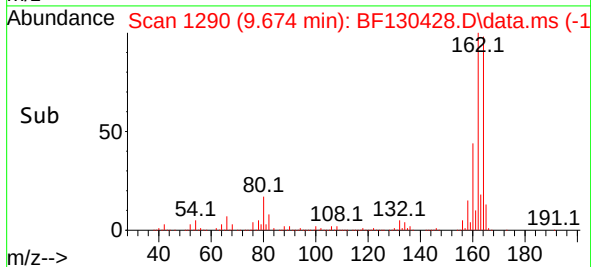
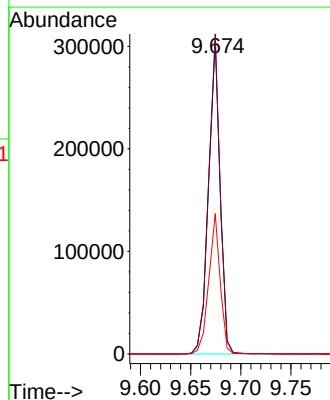
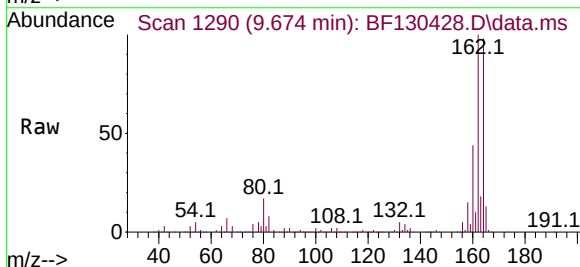
Tgt Ion:164 Resp: 244631

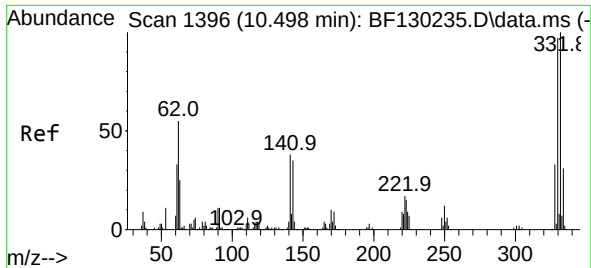
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 44.8 36.2 54.4

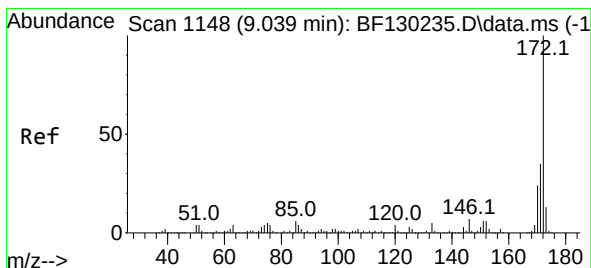
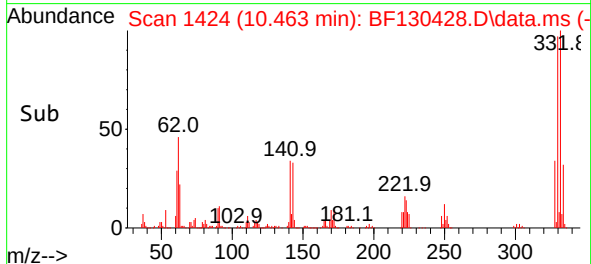
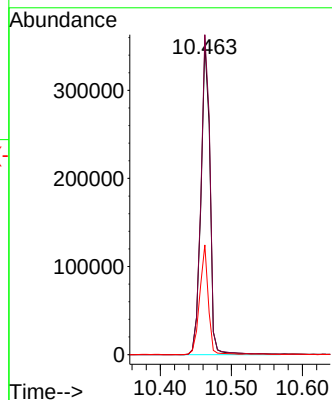
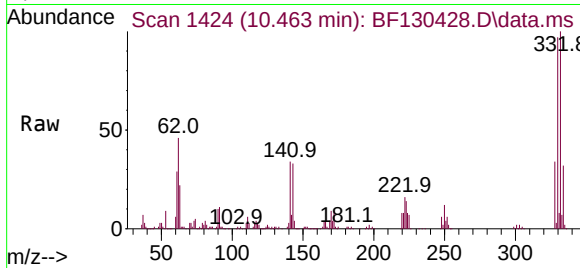




#42
2,4,6-Tribromophenol
Concen: 132.261 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

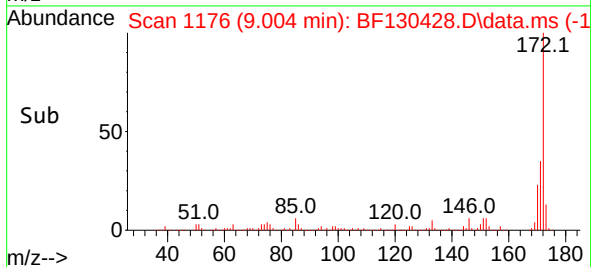
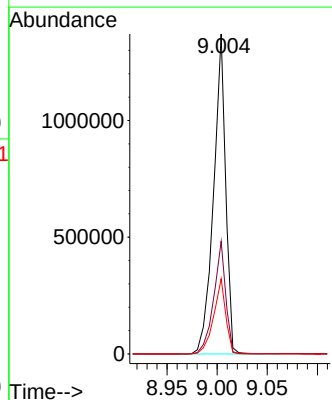
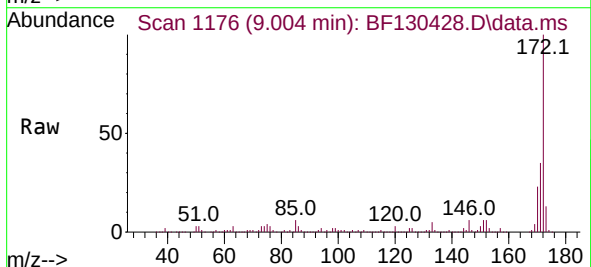
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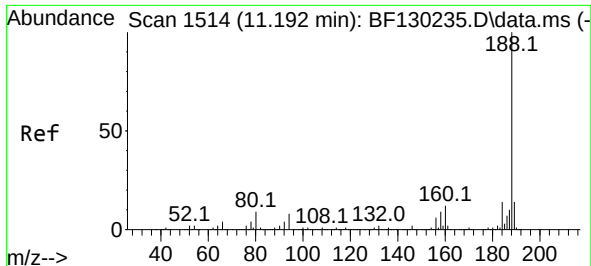
Tgt Ion:330 Resp: 310024
Ion Ratio Lower Upper
330 100
332 103.5 83.4 125.2
141 33.6 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 68.561 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

Tgt Ion:172 Resp: 1151777
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.7 28.1

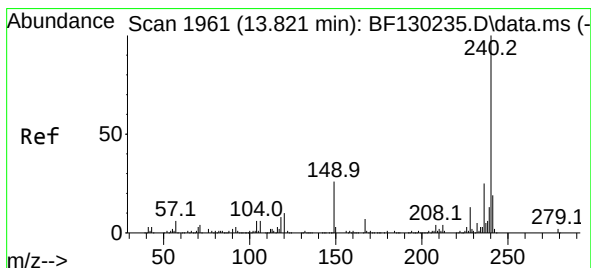
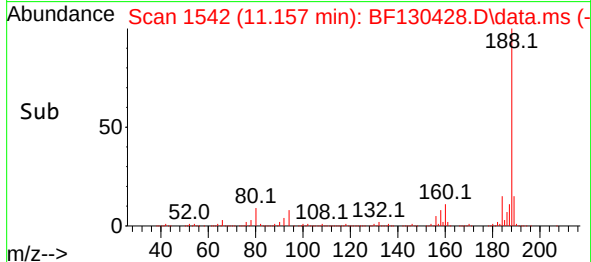
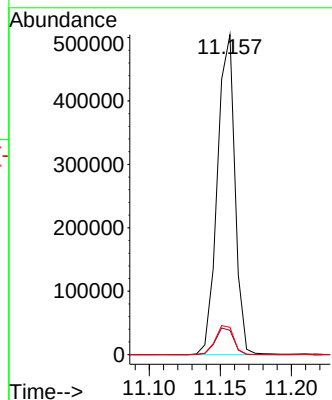
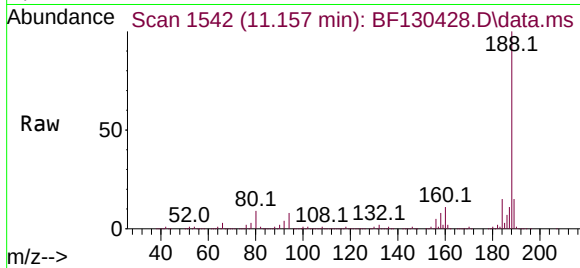




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

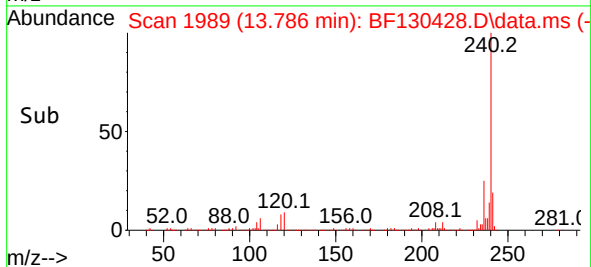
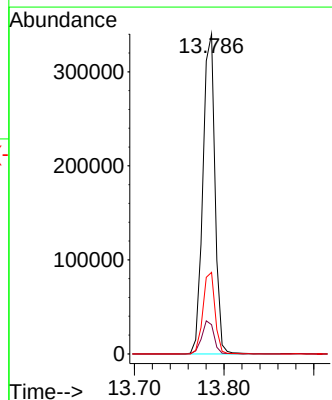
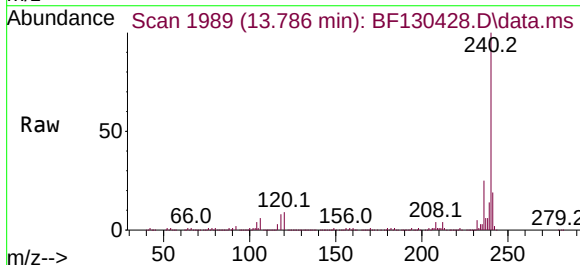
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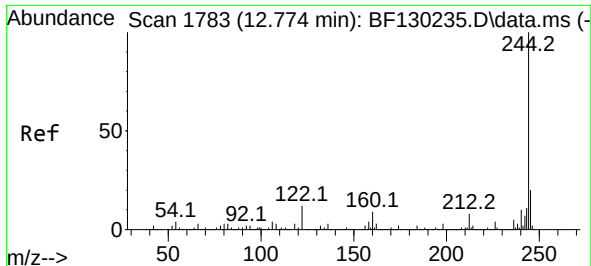
Tgt Ion:188 Resp: 434001
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF130428.D
Acq: 27 Sep 2022 16:50

Tgt Ion:240 Resp: 318070
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.5 20.9 31.3

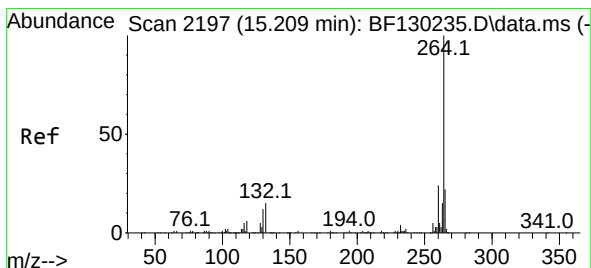
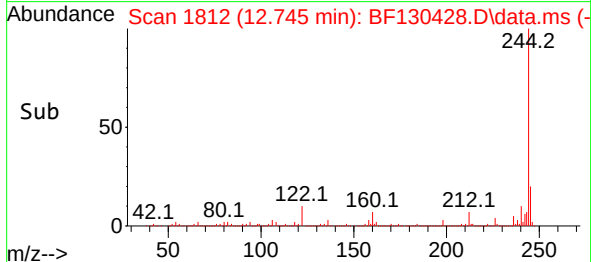
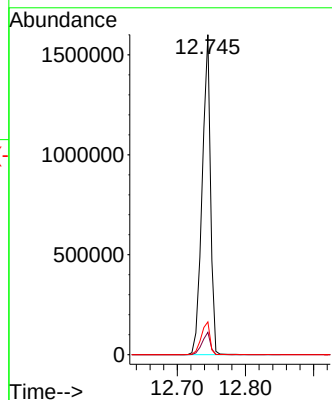
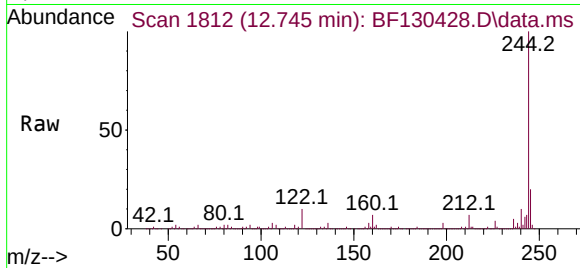




#79
 Terphenyl-d14
 Concen: 70.611 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF130428.D
 Acq: 27 Sep 2022 16:50

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Tgt Ion:244 Resp: 1355835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.024 min
 Lab File: BF130428.D
 Acq: 27 Sep 2022 16:50

Tgt Ion:264 Resp: 258954
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.7 17.0 25.4

