

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130430.D
 Acq On : 27 Sep 2022 18:01
 Operator : CG\JU
 Sample : N4823-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FREEMAN-ST

Quant Time: Sep 28 03:01:16 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	6.645	152	111343	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	456113	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	247022	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	449556	20.000	ng	# 0.00
76) Chrysene-d12	13.780	240	309729	20.000	ng	-0.01
86) Perylene-d12	15.168	264	241524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	577307	89.931	ng	0.00
7) Phenol-d6	6.287	99	819083	101.975	ng	0.00
23) Nitrobenzene-d5	7.210	82	540545	60.546	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	162460	68.637	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1102028	64.964	ng	0.00
79) Terphenyl-d14	12.745	244	1255560	67.150	ng	0.00

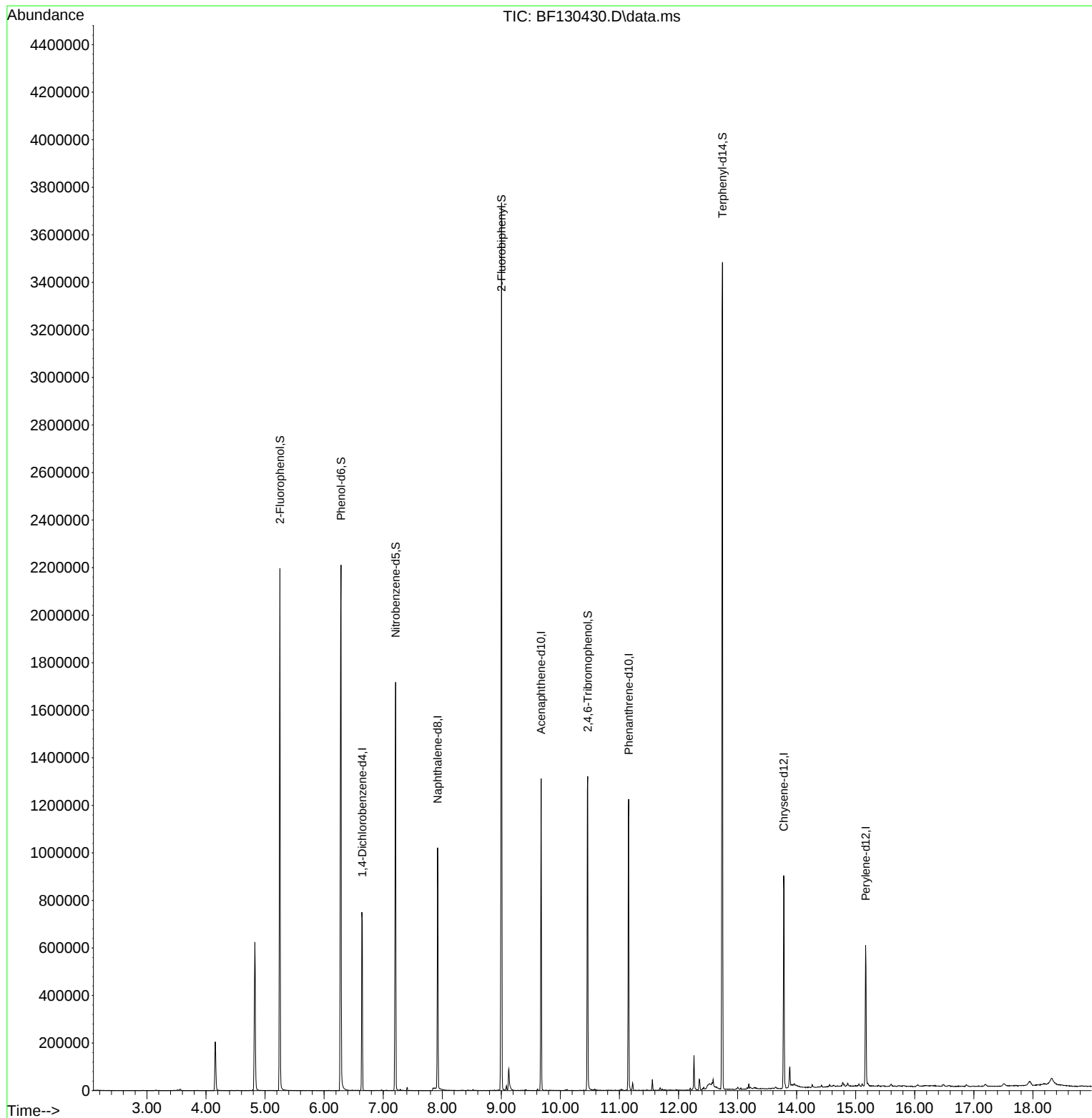
Target Compounds	Qvalue

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

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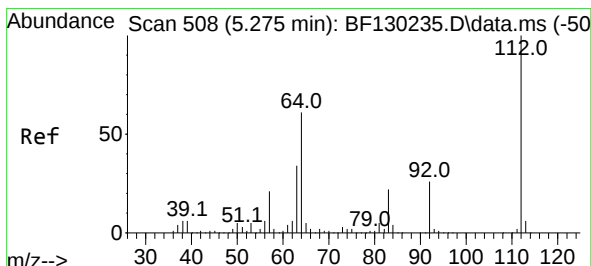
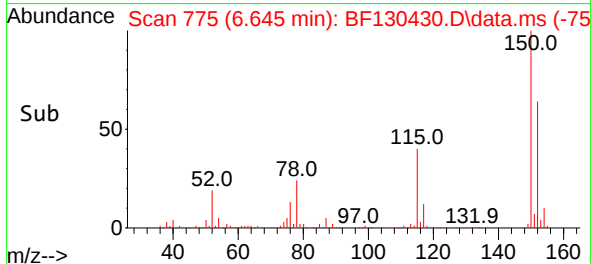
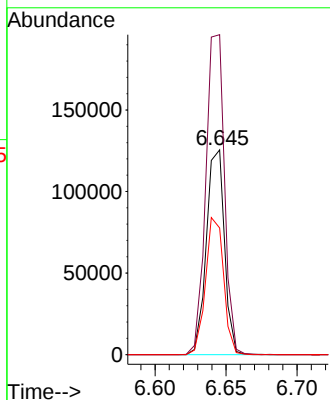
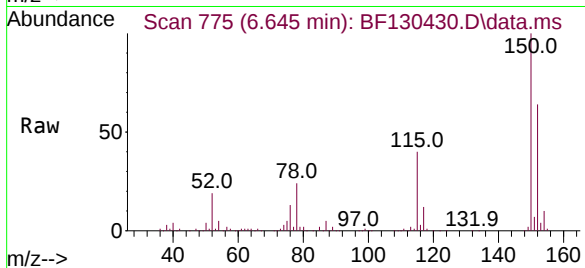




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

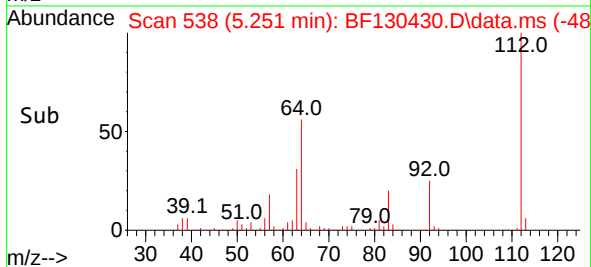
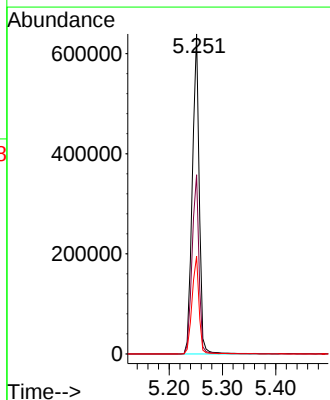
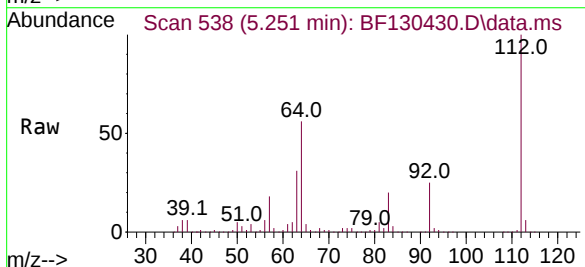
Instrument :
 BNA_F
 ClientSampleId :
 FREEMAN-ST

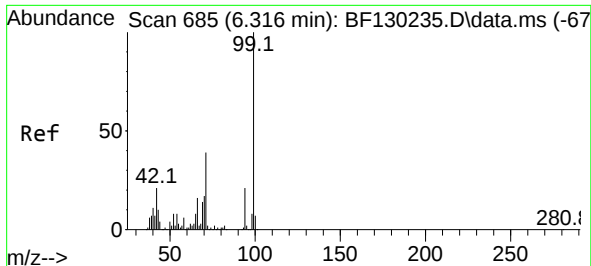
Tgt Ion:152 Resp: 111343
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.8 184.2
 115 61.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 89.931 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Tgt Ion:112 Resp: 577307
 Ion Ratio Lower Upper
 112 100
 64 56.0 51.4 77.0
 63 30.5 28.8 43.2

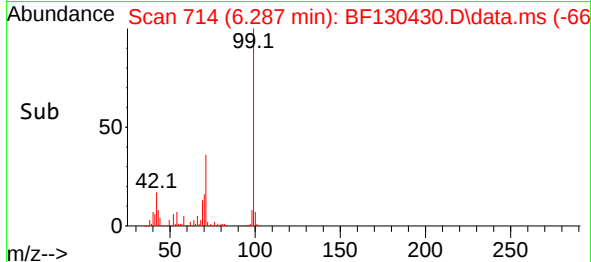
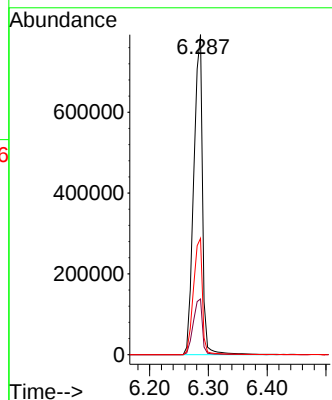
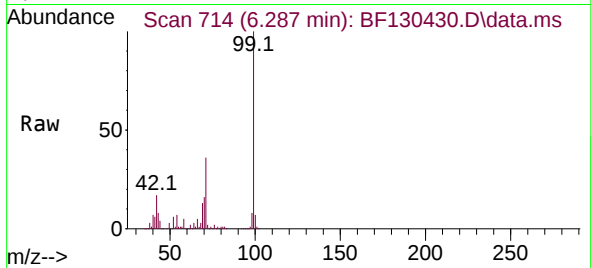




#7
Phenol-d6
Concen: 101.975 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

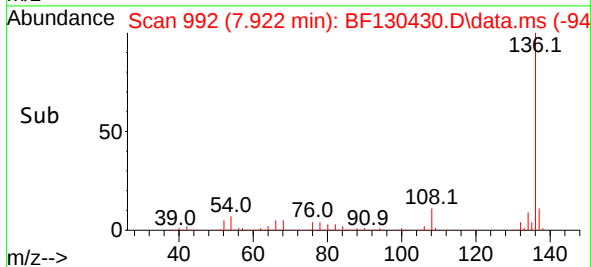
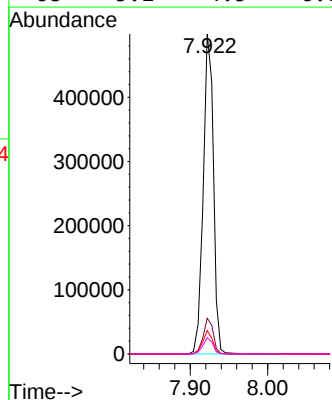
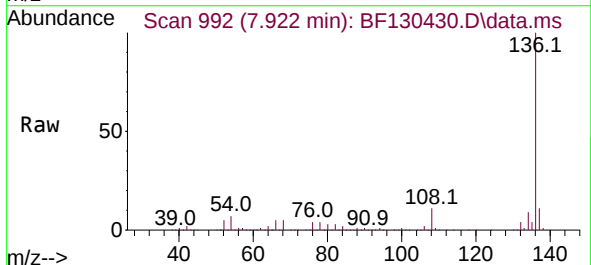
Instrument :
BNA_F
ClientSampleId :
FREEMAN-ST

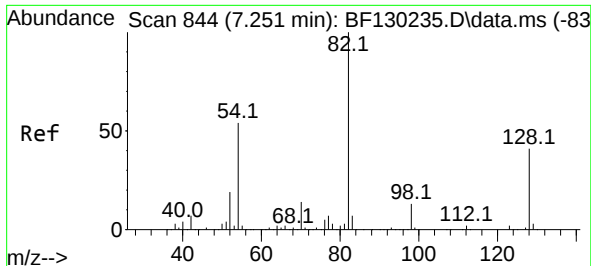
Tgt Ion: 99 Resp: 819083
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 36.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion: 136 Resp: 456113
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 7.1 10.7
68 5.1 4.5 6.7





#23
Nitrobenzene-d5
Concen: 60.546 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

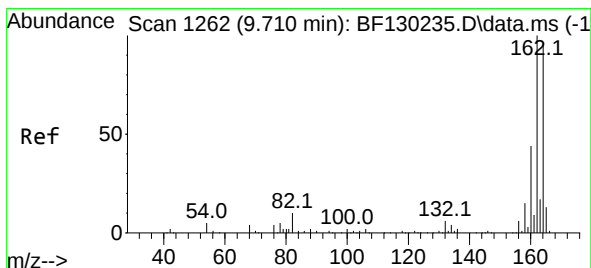
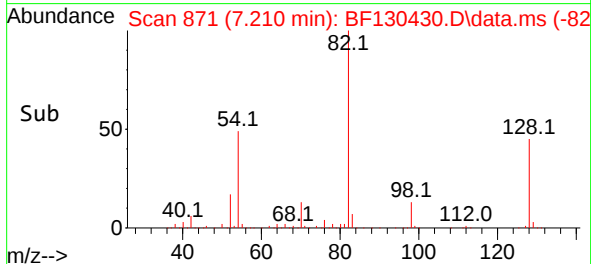
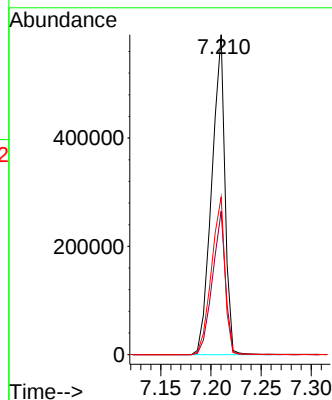
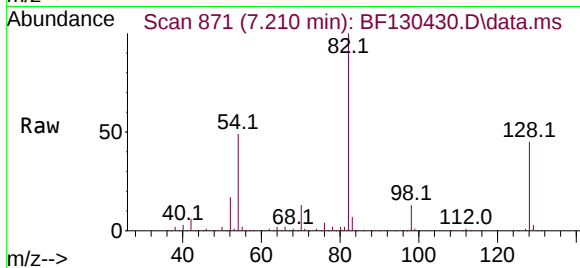
Instrument :

BNA_F

ClientSampleId :

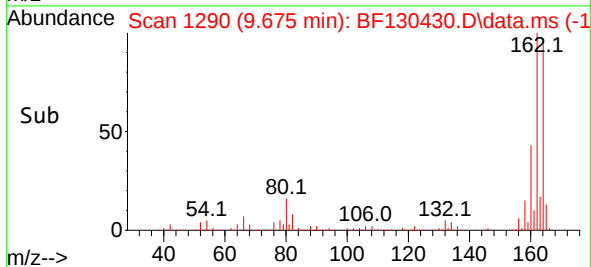
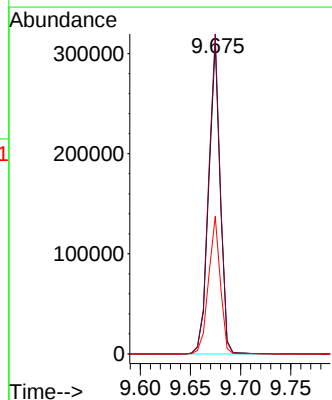
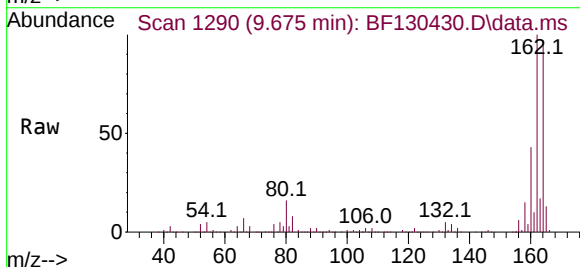
FREEMAN-ST

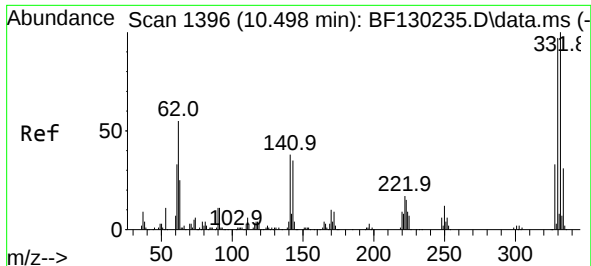
Tgt Ion: 82 Resp: 540545
Ion Ratio Lower Upper
82 100
128 44.8 32.6 49.0
54 49.2 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion:164 Resp: 247022
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 68.637 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130430.D

Acq: 27 Sep 2022 18:01

Instrument :

BNA_F

ClientSampleId :

FREEMAN-ST

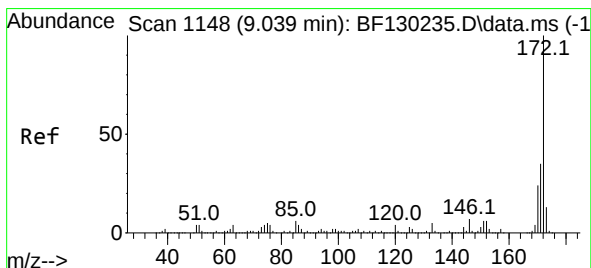
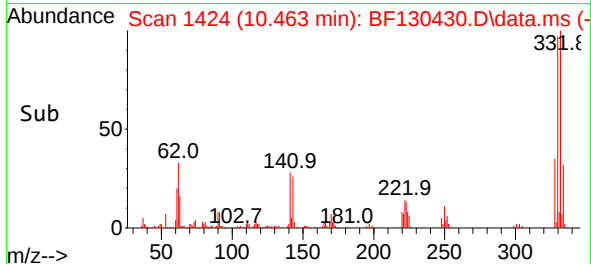
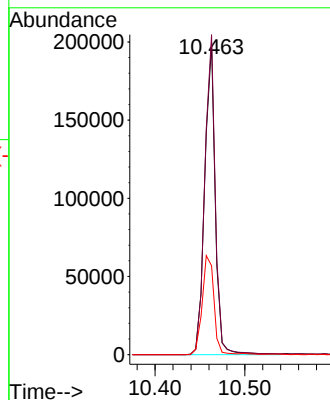
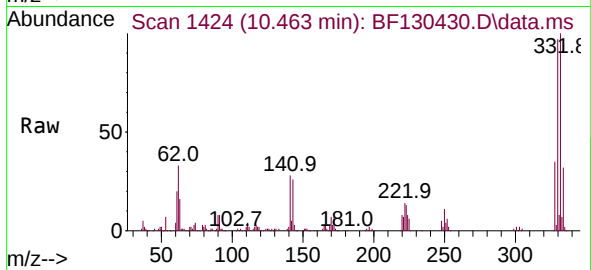
Tgt Ion:330 Resp: 162460

Ion Ratio Lower Upper

330 100

332 102.9 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 64.964 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130430.D

Acq: 27 Sep 2022 18:01

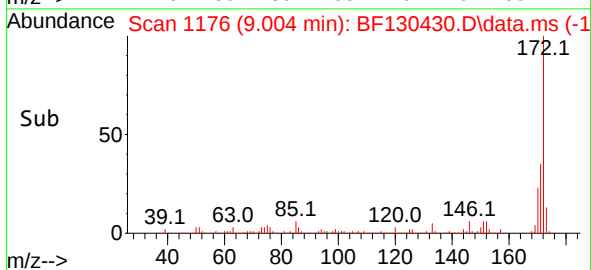
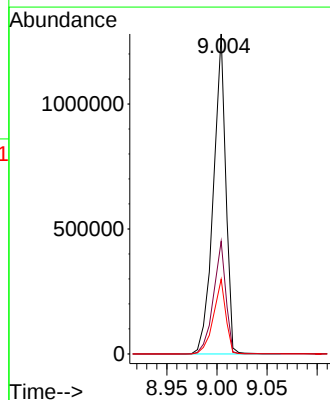
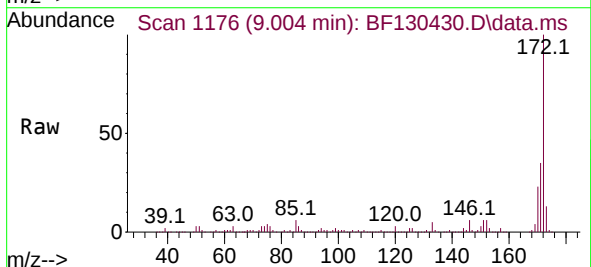
Tgt Ion:172 Resp: 1102028

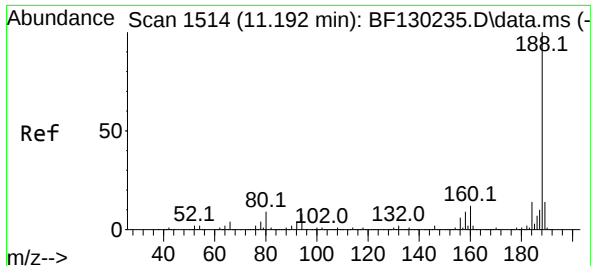
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 18.7 28.1

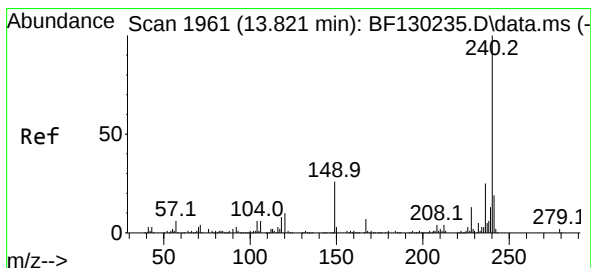
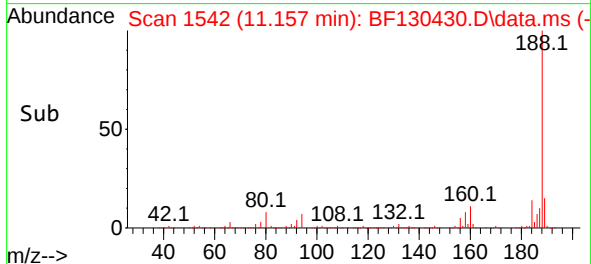
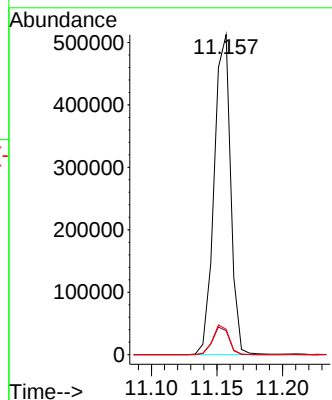
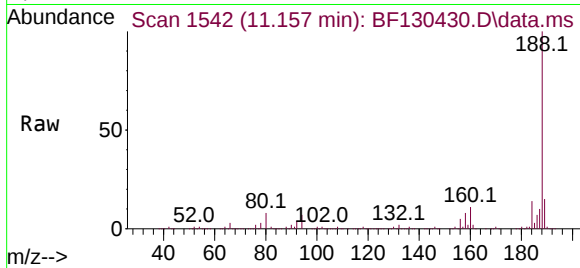




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

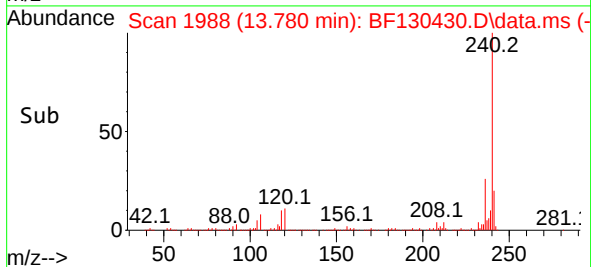
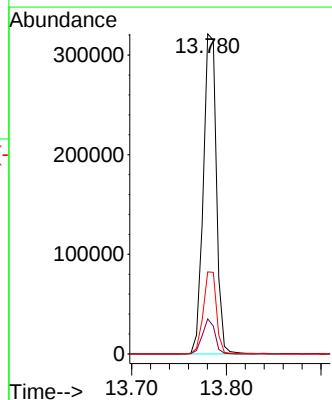
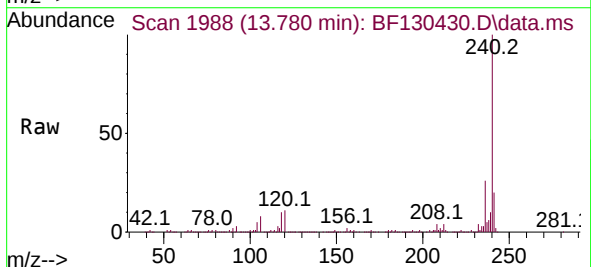
Instrument :
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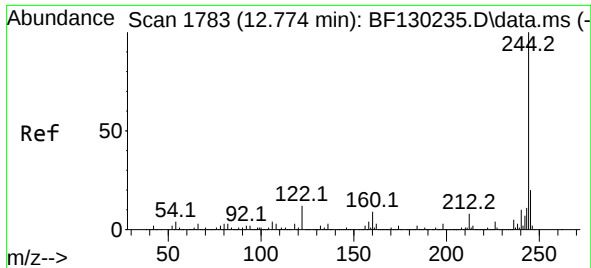
Tgt Ion:188 Resp: 449556
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.9 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion:240 Resp: 309729
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 25.6 20.9 31.3

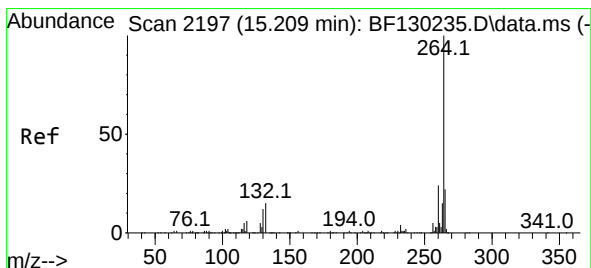
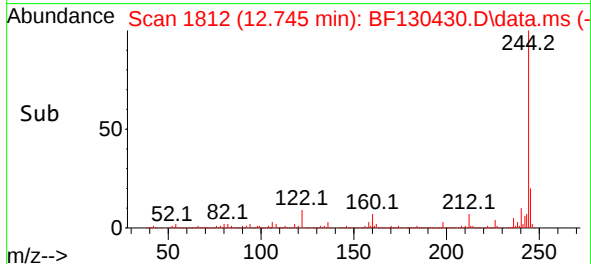
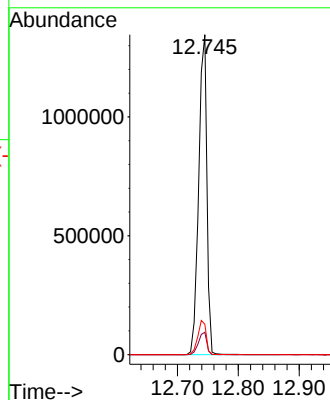
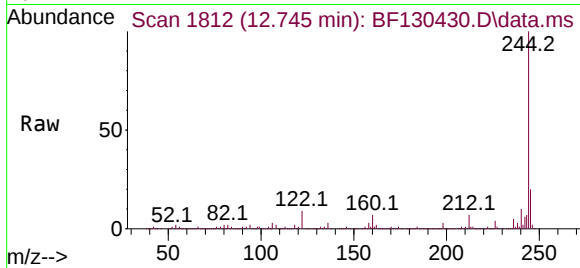




#79
 Terphenyl-d14
 Concen: 67.150 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Instrument :
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Tgt Ion:244 Resp: 1255560
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Tgt Ion:264 Resp: 241524
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.5 17.0 25.4

