

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131430.D
 Acq On : 28 Nov 2022 15:27
 Operator : CG\JU
 Sample : PB149225TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149225TB

Quant Time: Nov 29 00:55:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	83024	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	310197	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	185722	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	362750	20.000	ng	0.00
76) Chrysene-d12	14.157	240	266799	20.000	ng	-0.01
86) Perylene-d12	15.692	264	201772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	654826	150.110	ng	0.01
7) Phenol-d6	6.569	99	812517	145.984	ng	0.00
23) Nitrobenzene-d5	7.516	82	546349	88.785	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	266870	170.798	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1035905	81.146	ng	0.00
79) Terphenyl-d14	13.104	244	1406240	86.191	ng	0.00

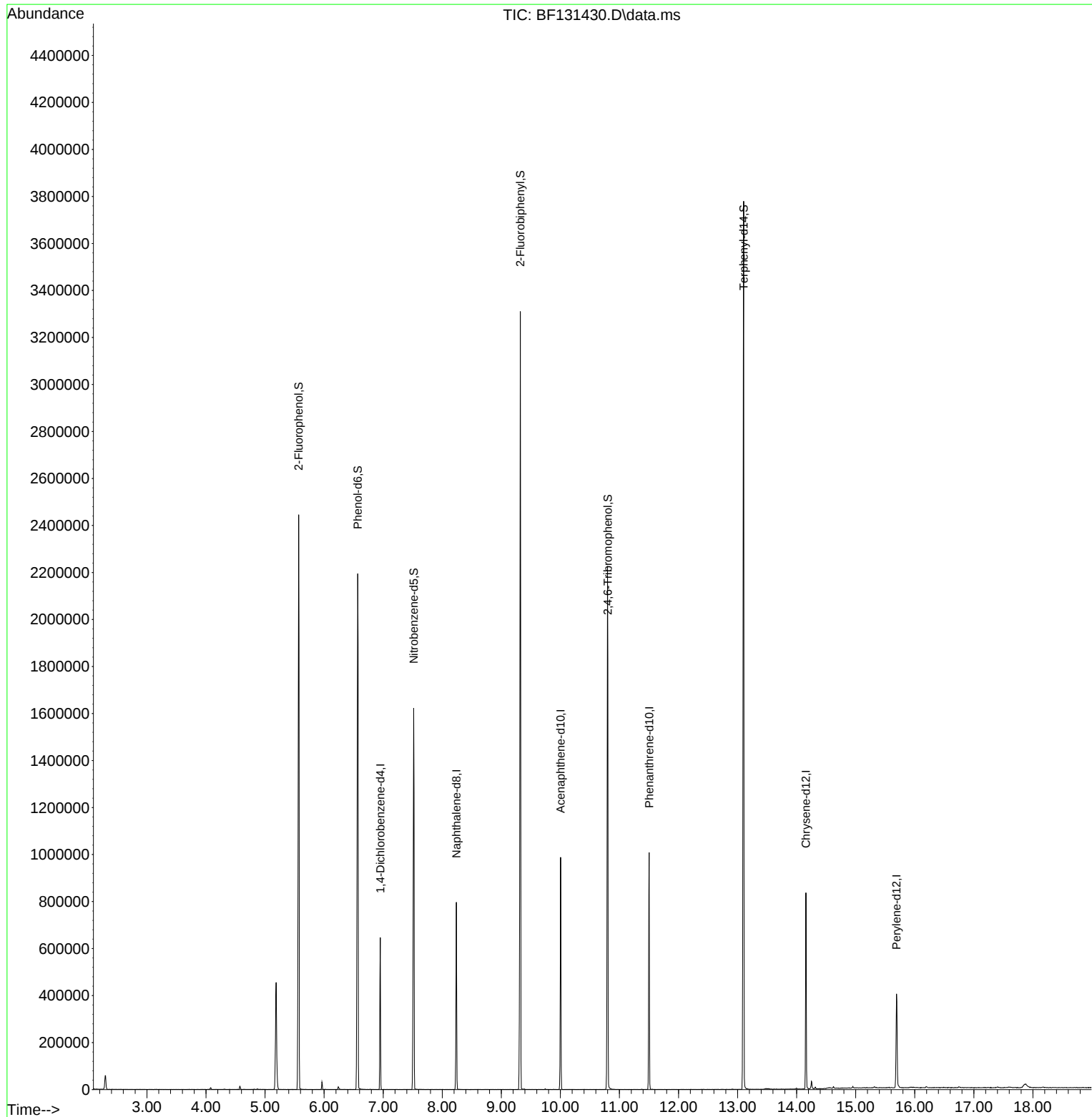
Target Compounds Qvalue

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

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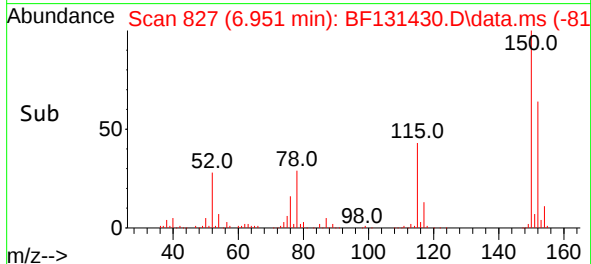
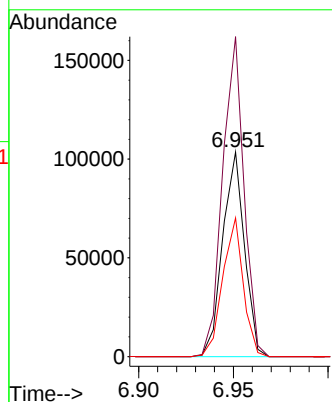
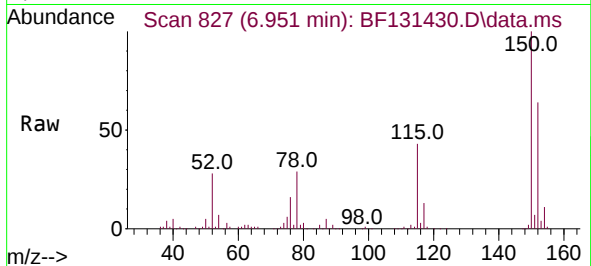




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131430.D
 Acq: 28 Nov 2022 15:27

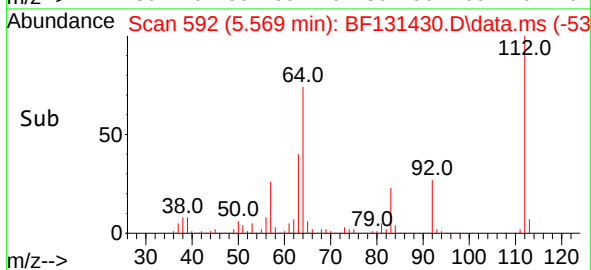
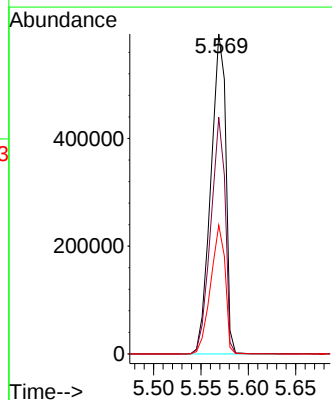
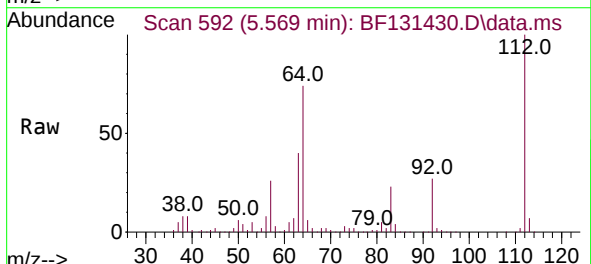
Instrument :
 BNA_F
 ClientSampleId :
 PB149225TB

Tgt Ion:152 Resp: 83024
 Ion Ratio Lower Upper
 152 100
 150 156.4 117.8 176.8
 115 67.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 150.110 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131430.D
 Acq: 28 Nov 2022 15:27

Tgt Ion:112 Resp: 654826
 Ion Ratio Lower Upper
 112 100
 64 73.9 58.6 88.0
 63 40.2 31.4 47.0





#7
Phenol-d6
Concen: 145.984 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

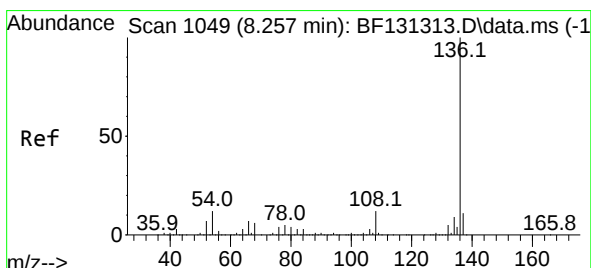
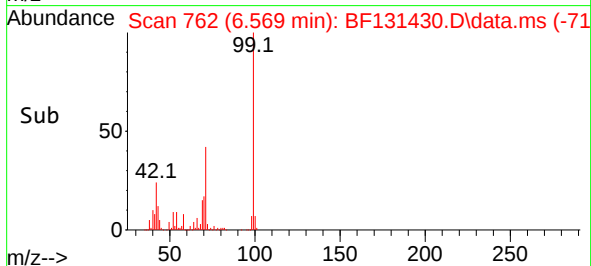
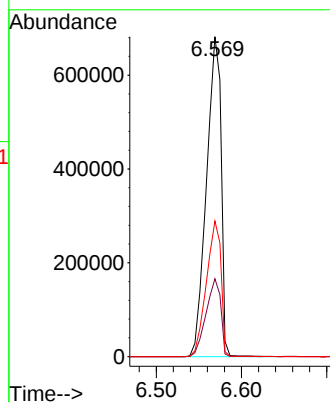
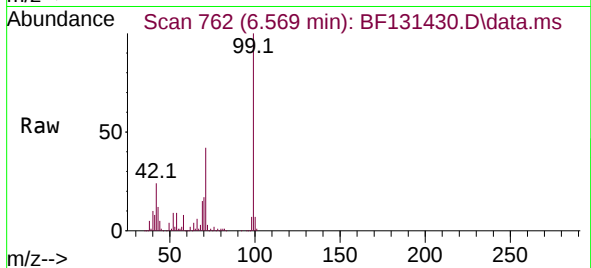
Instrument :

BNA_F

ClientSampleId :

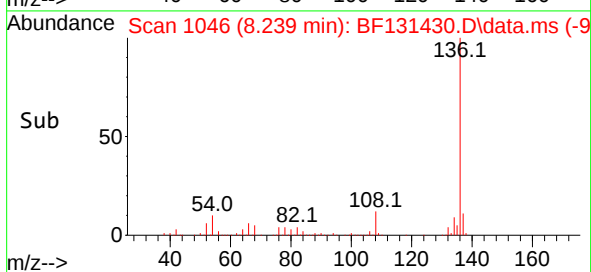
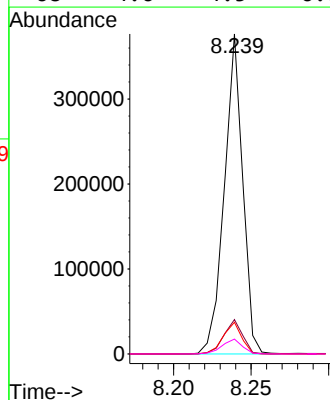
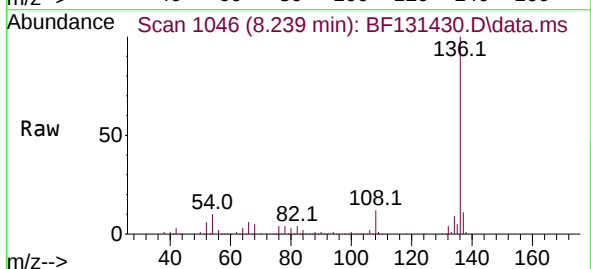
PB149225TB

Tgt Ion: 99 Resp: 812517
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.2
71 42.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:136 Resp: 310197
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.9 9.4 14.0
68 4.6 4.5 6.7

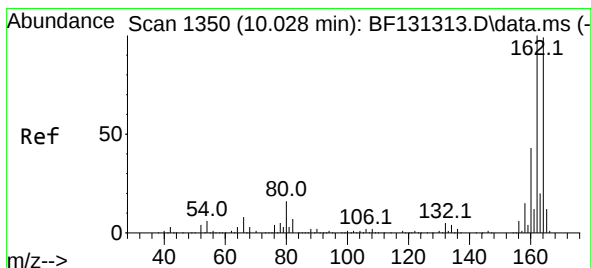
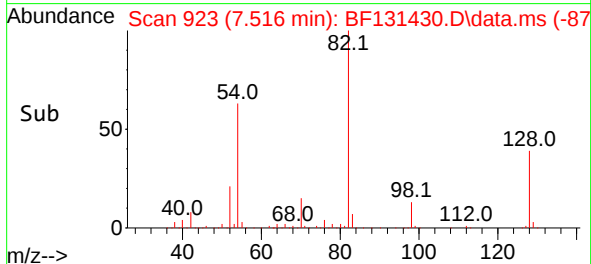
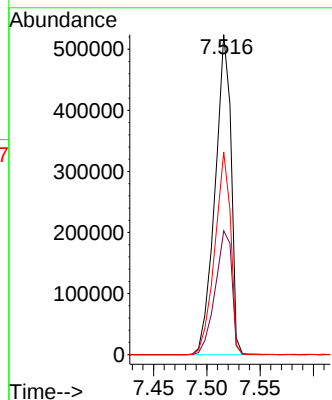
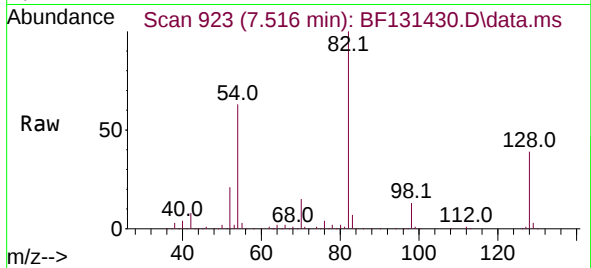




#23
Nitrobenzene-d5
Concen: 88.785 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

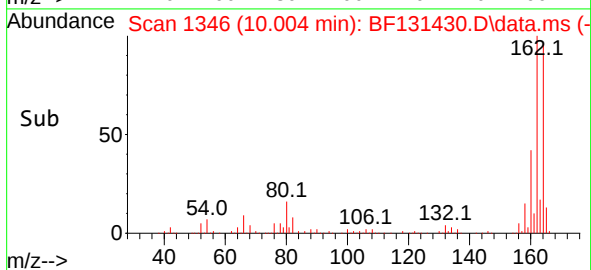
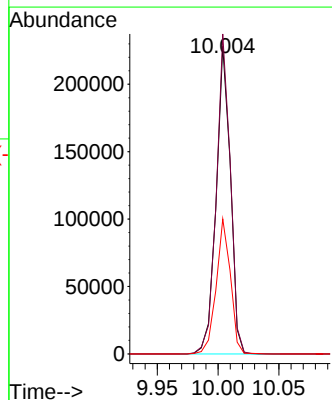
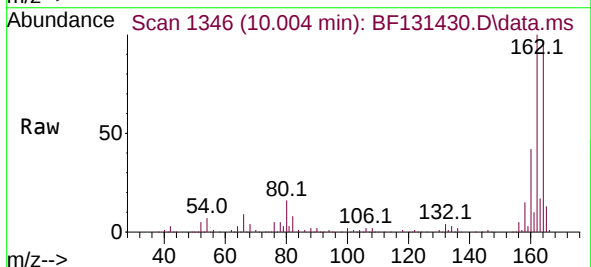
Instrument :
BNA_F
ClientSampleId :
PB149225TB

Tgt Ion: 82 Resp: 546349
Ion Ratio Lower Upper
82 100
128 38.7 31.4 47.0
54 63.3 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion: 164 Resp: 185722
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 170.798 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BF131430.D

Acq: 28 Nov 2022 15:27

Instrument :

BNA_F

ClientSampleId :

PB149225TB

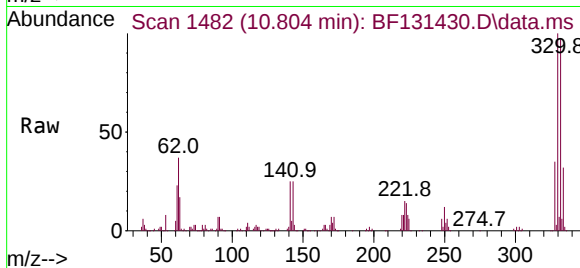
Tgt Ion:330 Resp: 266870

Ion Ratio Lower Upper

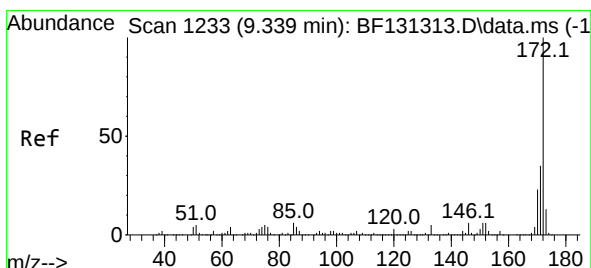
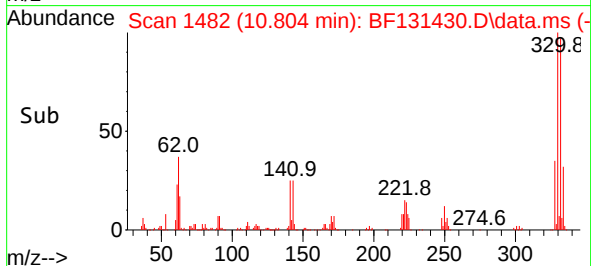
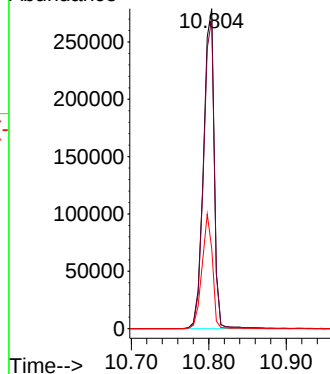
330 100

332 96.4 77.5 116.3

141 34.7 29.3 43.9



Abundance



#45

2-Fluorobiphenyl

Concen: 81.146 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131430.D

Acq: 28 Nov 2022 15:27

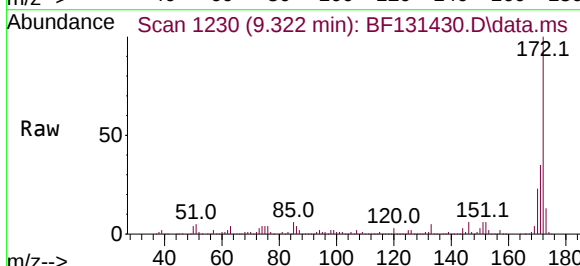
Tgt Ion:172 Resp: 1035905

Ion Ratio Lower Upper

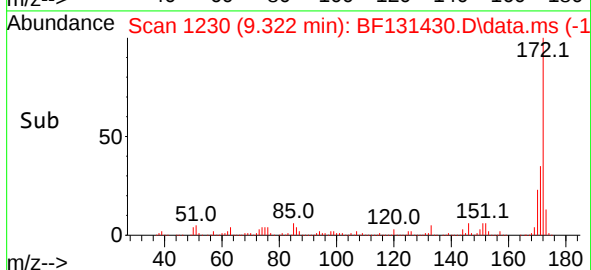
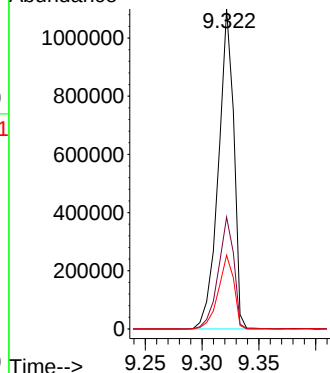
172 100

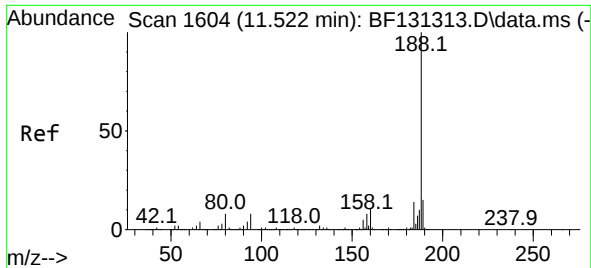
171 34.9 28.2 42.2

170 23.0 18.7 28.1



Abundance

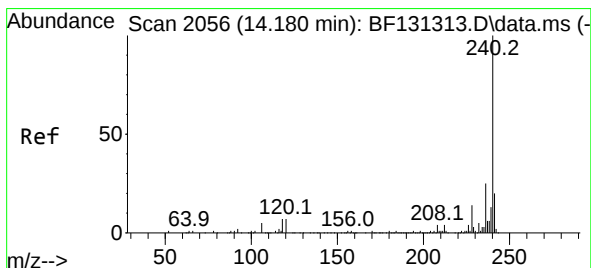
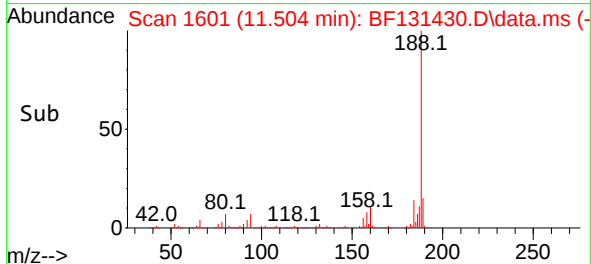
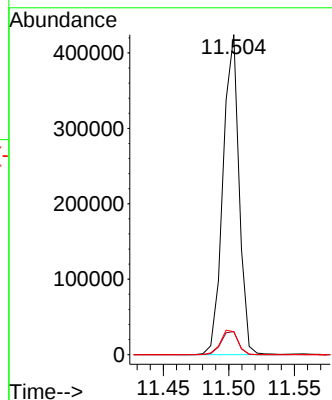
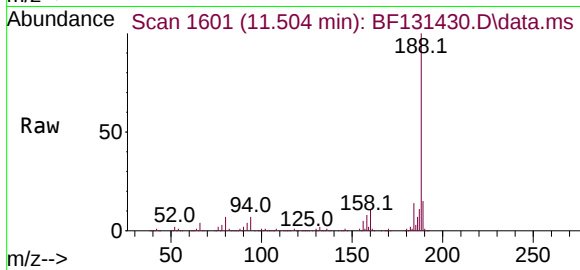




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

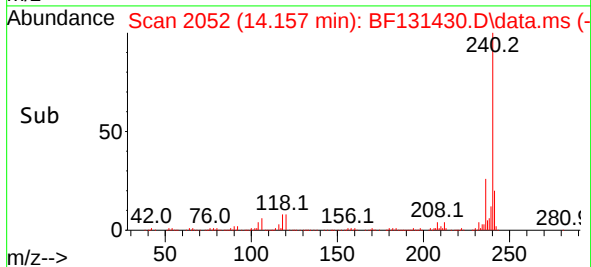
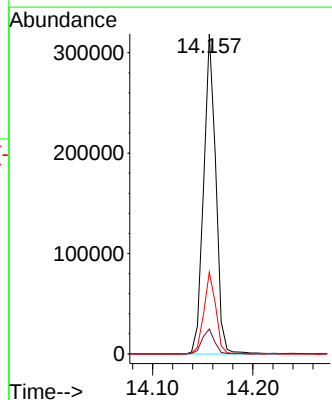
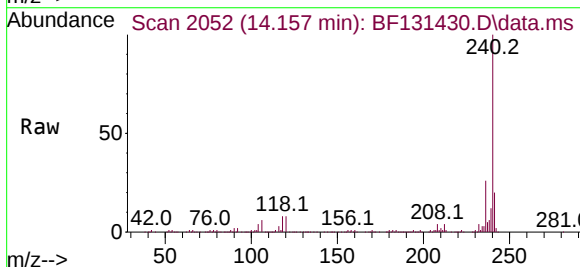
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 362750
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 7.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:240 Resp: 266799
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 25.6 20.3 30.5

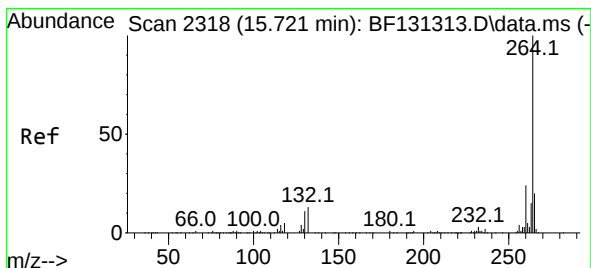
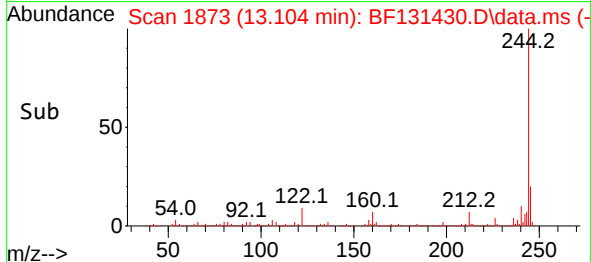
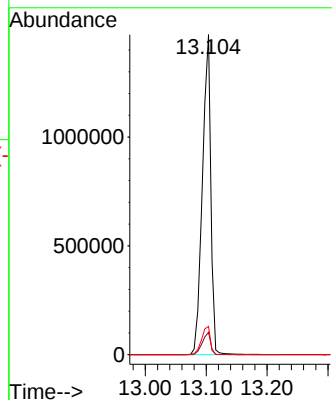
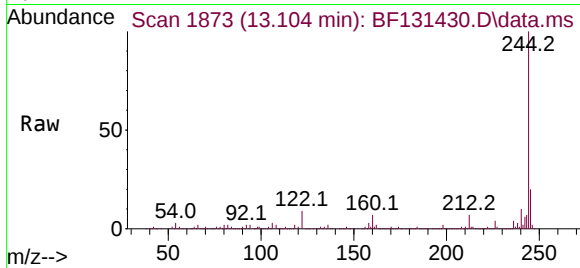




#79
 Terphenyl-d14
 Concen: 86.191 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131430.D
 Acq: 28 Nov 2022 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB149225TB

Tgt Ion:244 Resp: 1406240
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2313
 Delta R.T. -0.006 min
 Lab File: BF131430.D
 Acq: 28 Nov 2022 15:27

Tgt Ion:264 Resp: 201772
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 22.7 16.4 24.6

