

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135650.D
 Acq On : 09 Oct 2023 14:02
 Operator : CG\JU
 Sample : 04772-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349

Quant Time: Oct 09 14:20:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129820	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	491151	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	248727	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	499204	20.000	ng	0.00
76) Chrysene-d12	13.933	240	337421	20.000	ng	0.00
86) Perylene-d12	15.404	264	270972	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	599571	75.117	ng	0.01
7) Phenol-d6	6.392	99	942763	92.889	ng	0.00
23) Nitrobenzene-d5	7.304	82	672960	74.440	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	154269	62.413	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1217563	73.855	ng	0.00
79) Terphenyl-d14	12.868	244	1412624	64.899	ng	0.00

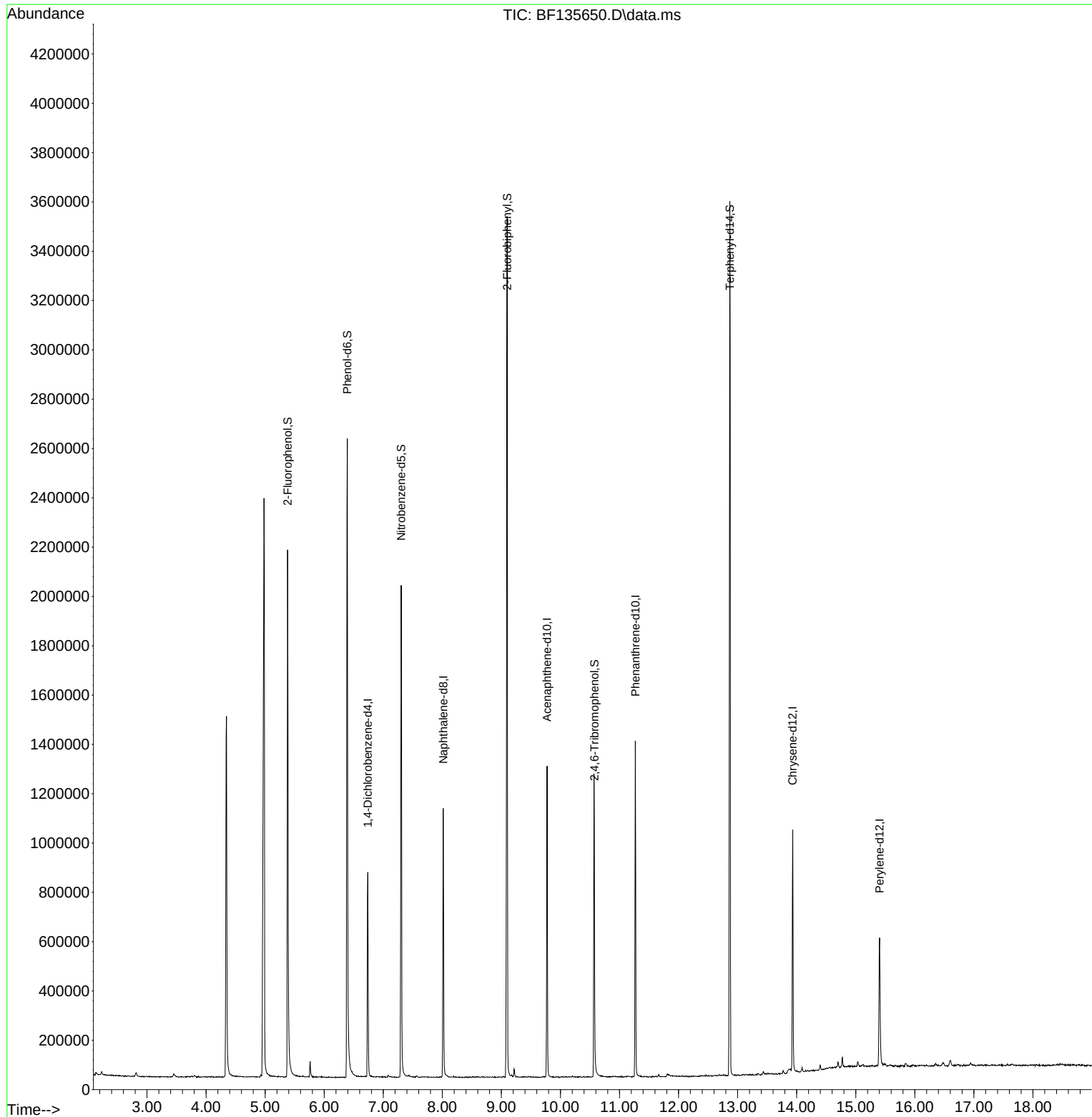
Target Compounds	Qvalue

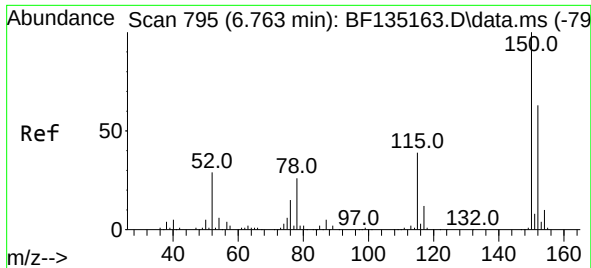
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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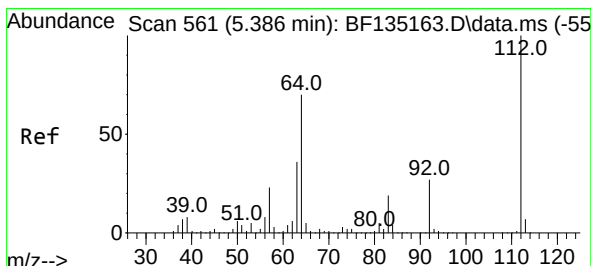
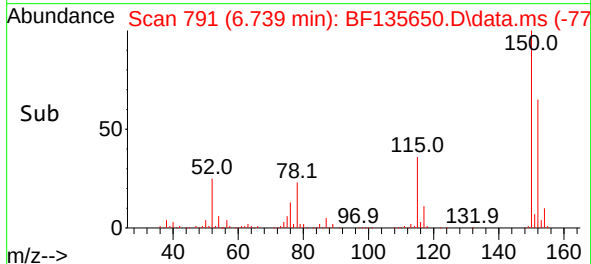
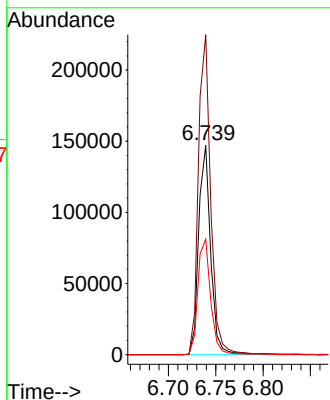
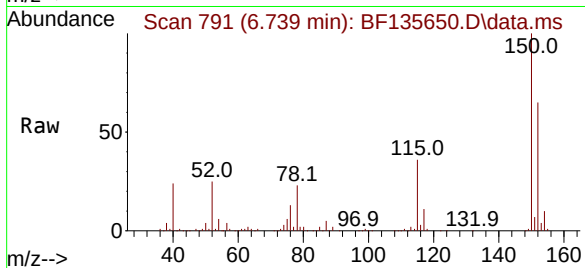




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

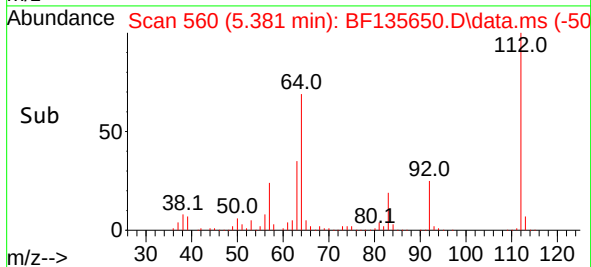
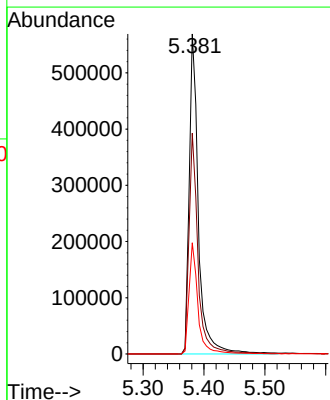
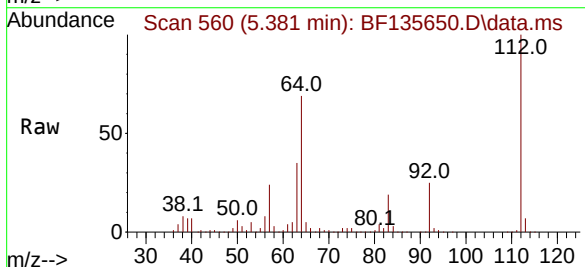
Instrument :
BNA_F
ClientSampleId :
349

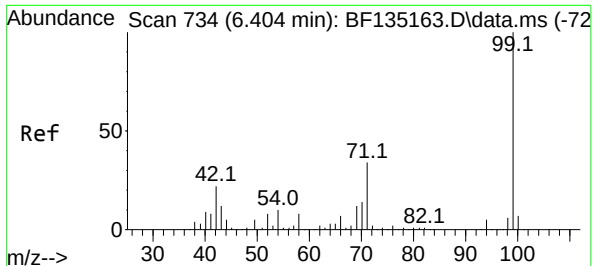
Tgt Ion:152 Resp: 129820
Ion Ratio Lower Upper
152 100
150 152.8 127.8 191.6
115 55.1 49.8 74.8



#5
2-Fluorophenol
Concen: 75.117 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:112 Resp: 599571
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 34.7 29.0 43.6





#7

Phenol-d6

Concen: 92.889 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

349

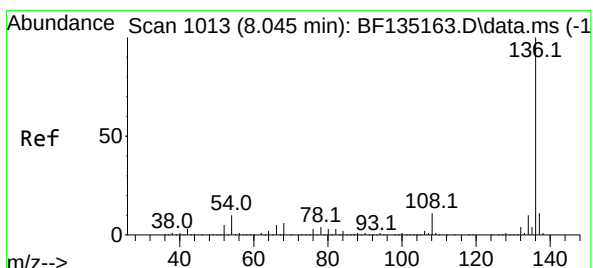
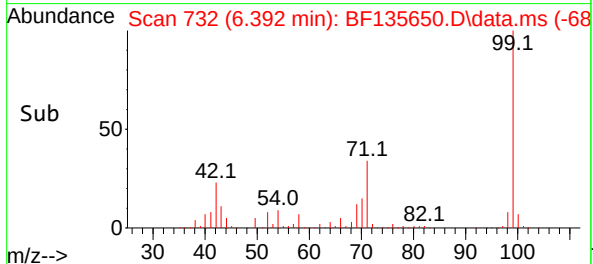
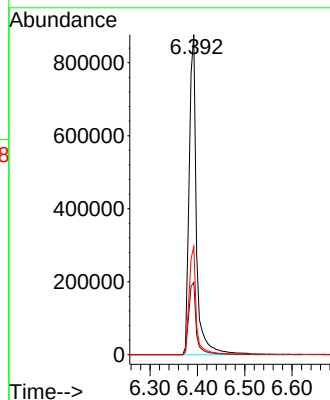
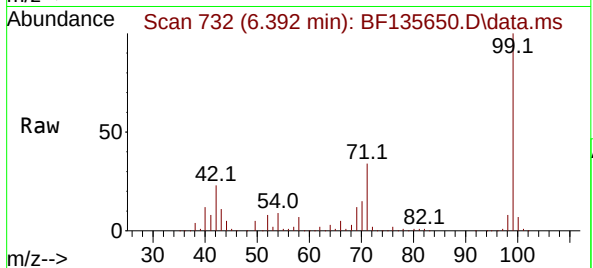
Tgt Ion: 99 Resp: 942763

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 33.8 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

Tgt Ion: 136 Resp: 491151

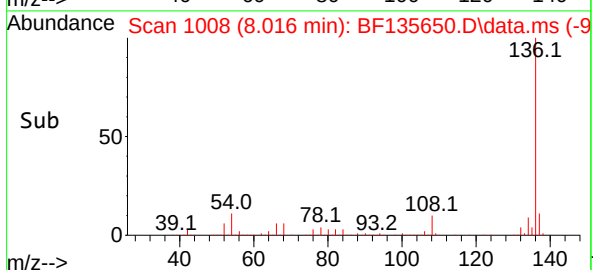
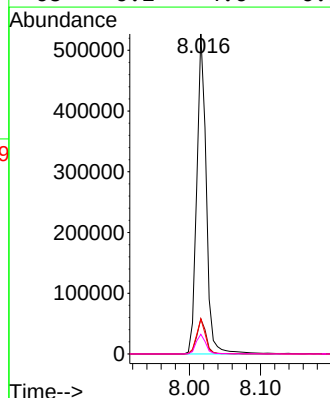
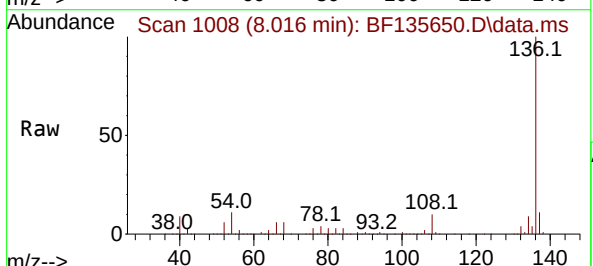
Ion Ratio Lower Upper

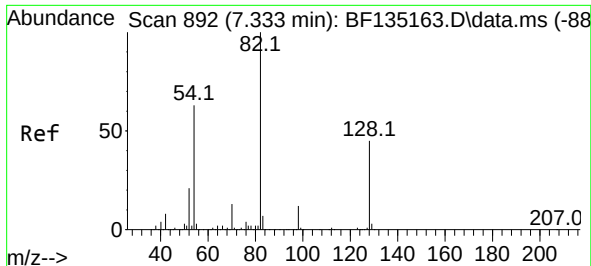
136 100

137 11.0 8.8 13.2

54 10.9 7.7 11.5

68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 74.440 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

349

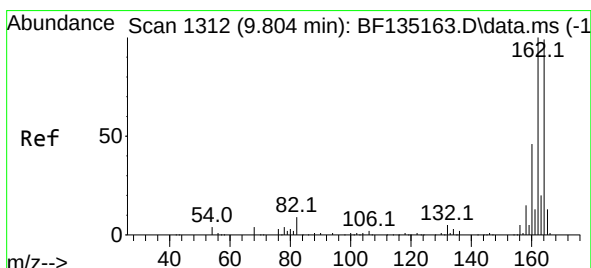
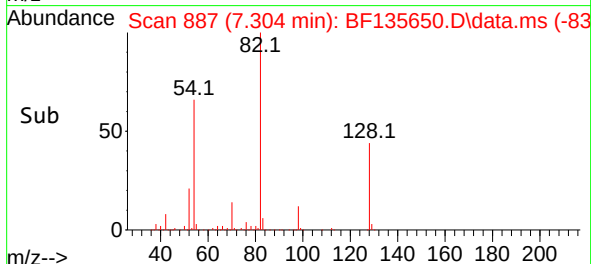
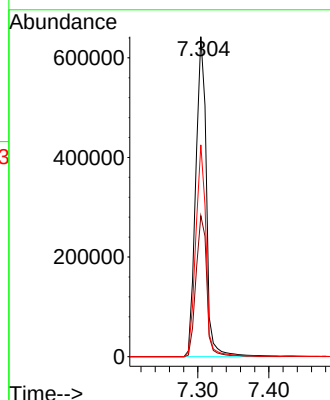
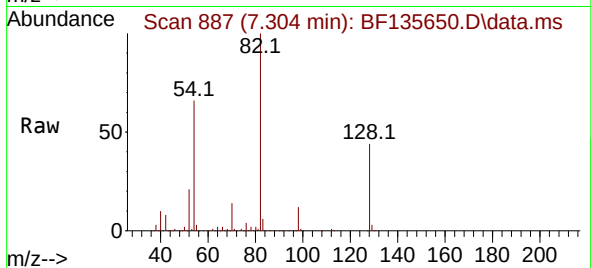
Tgt Ion: 82 Resp: 672960

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 66.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

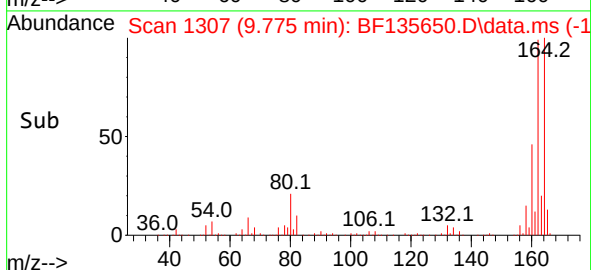
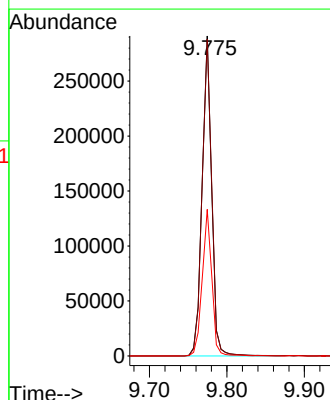
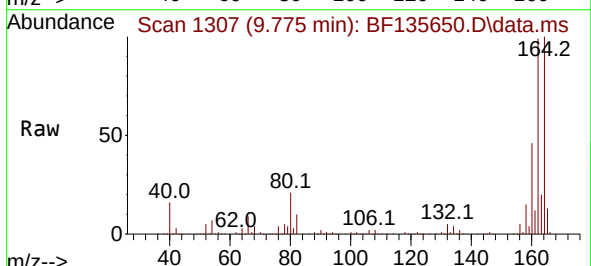
Tgt Ion:164 Resp: 248727

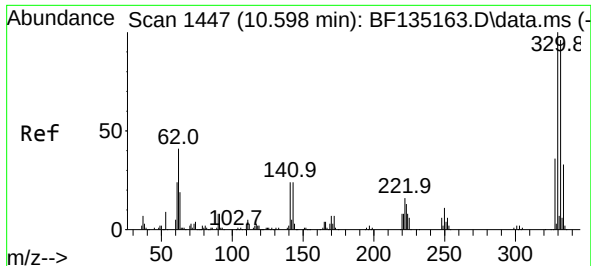
Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.4

160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 62.413 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

349

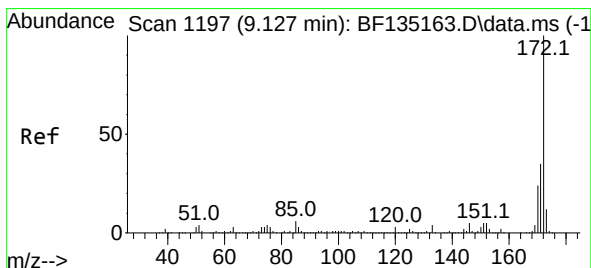
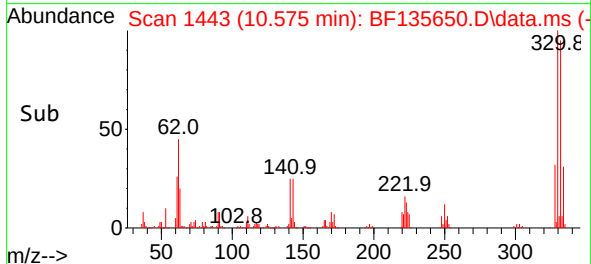
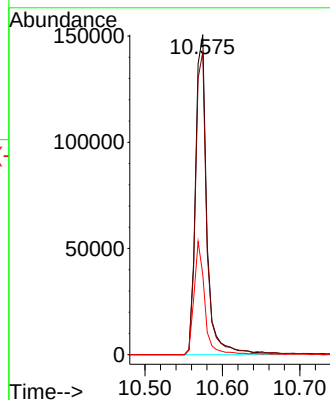
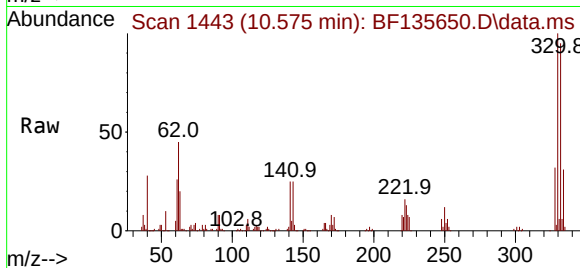
Tgt Ion:330 Resp: 154269

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 73.855 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135650.D

Acq: 09 Oct 2023 14:02

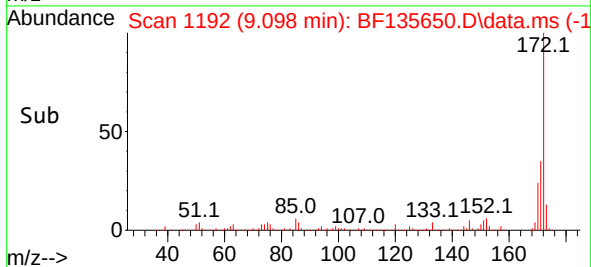
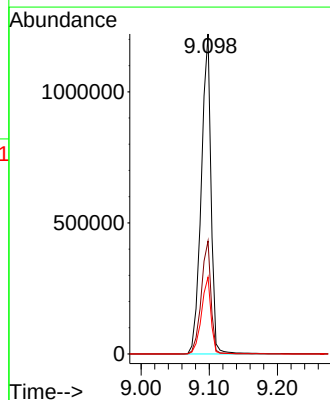
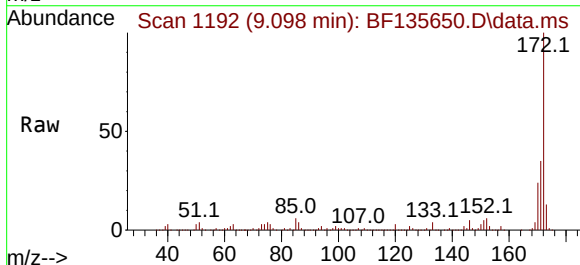
Tgt Ion:172 Resp: 1217563

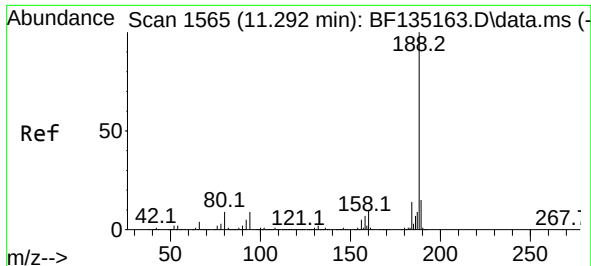
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.0 28.4

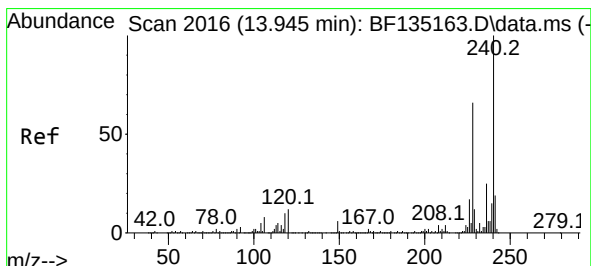
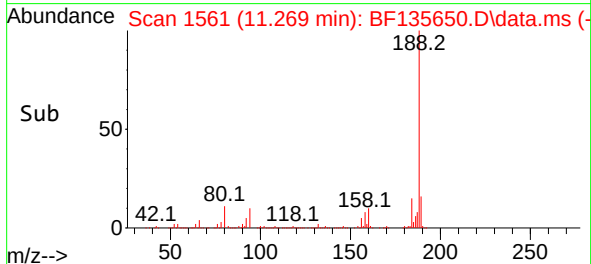
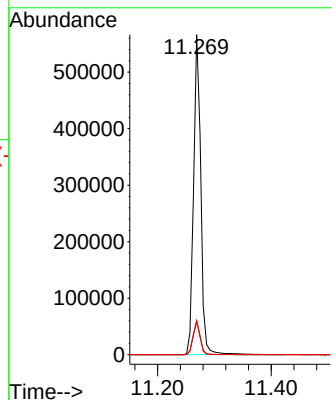
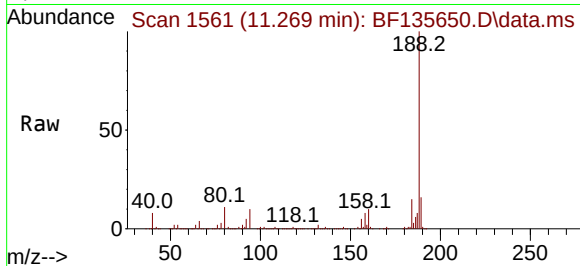




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

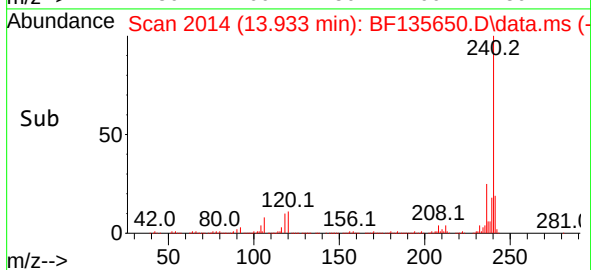
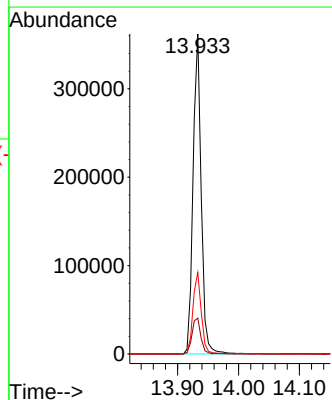
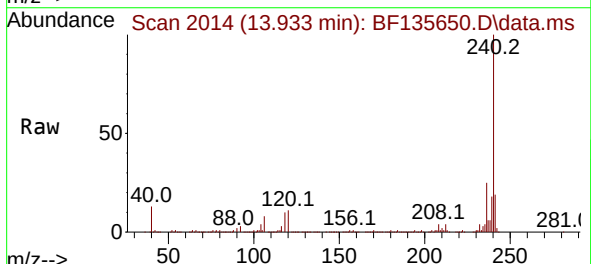
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349

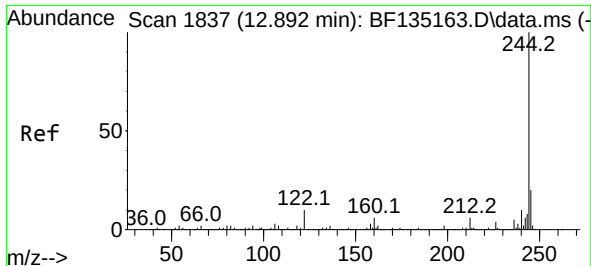
Tgt Ion:188 Resp: 499204
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

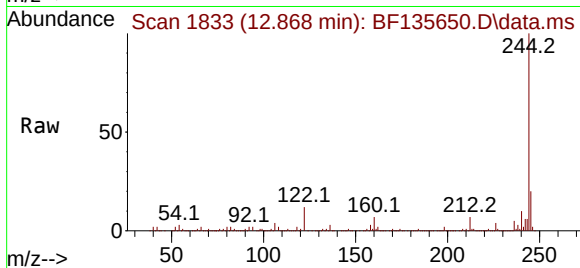
Tgt Ion:240 Resp: 337421
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.5 19.8 29.8



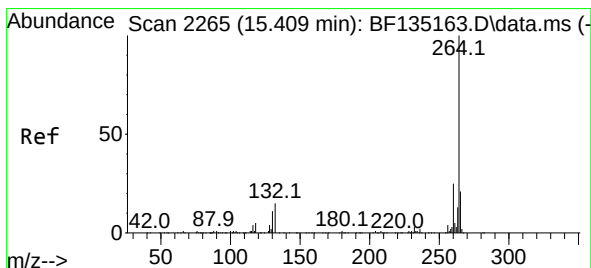
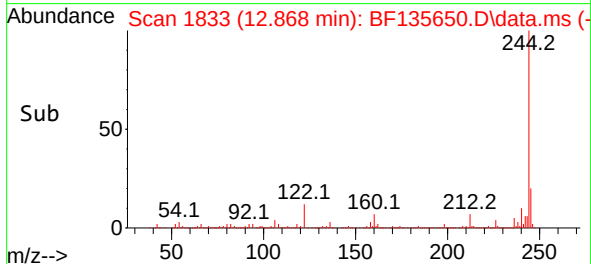
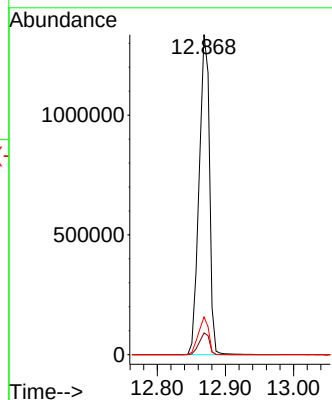


#79
 Terphenyl-d14
 Concen: 64.899 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135650.D
 Acq: 09 Oct 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 349



Tgt Ion:244 Resp: 1412624
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF135650.D
 Acq: 09 Oct 2023 14:02

Tgt Ion:264 Resp: 270972
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 21.8 17.0 25.4

