

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133035.D
 Acq On : 25 Apr 2023 19:27
 Operator : CG\JU
 Sample : 02477-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)

Quant Time: Apr 26 02:16:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	200170	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	808519	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	409120	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	751837	20.000	ng	0.00
76) Chrysene-d12	13.892	240	481043	20.000	ng	0.00
86) Perylene-d12	15.310	264	384072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1192077	89.962	ng	0.00
7) Phenol-d6	6.381	99	1471393	89.462	ng	0.00
23) Nitrobenzene-d5	7.304	82	875509	58.449	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	350790	85.257	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1562028	63.875	ng	-0.01
79) Terphenyl-d14	12.845	244	1820423	65.267	ng	0.00

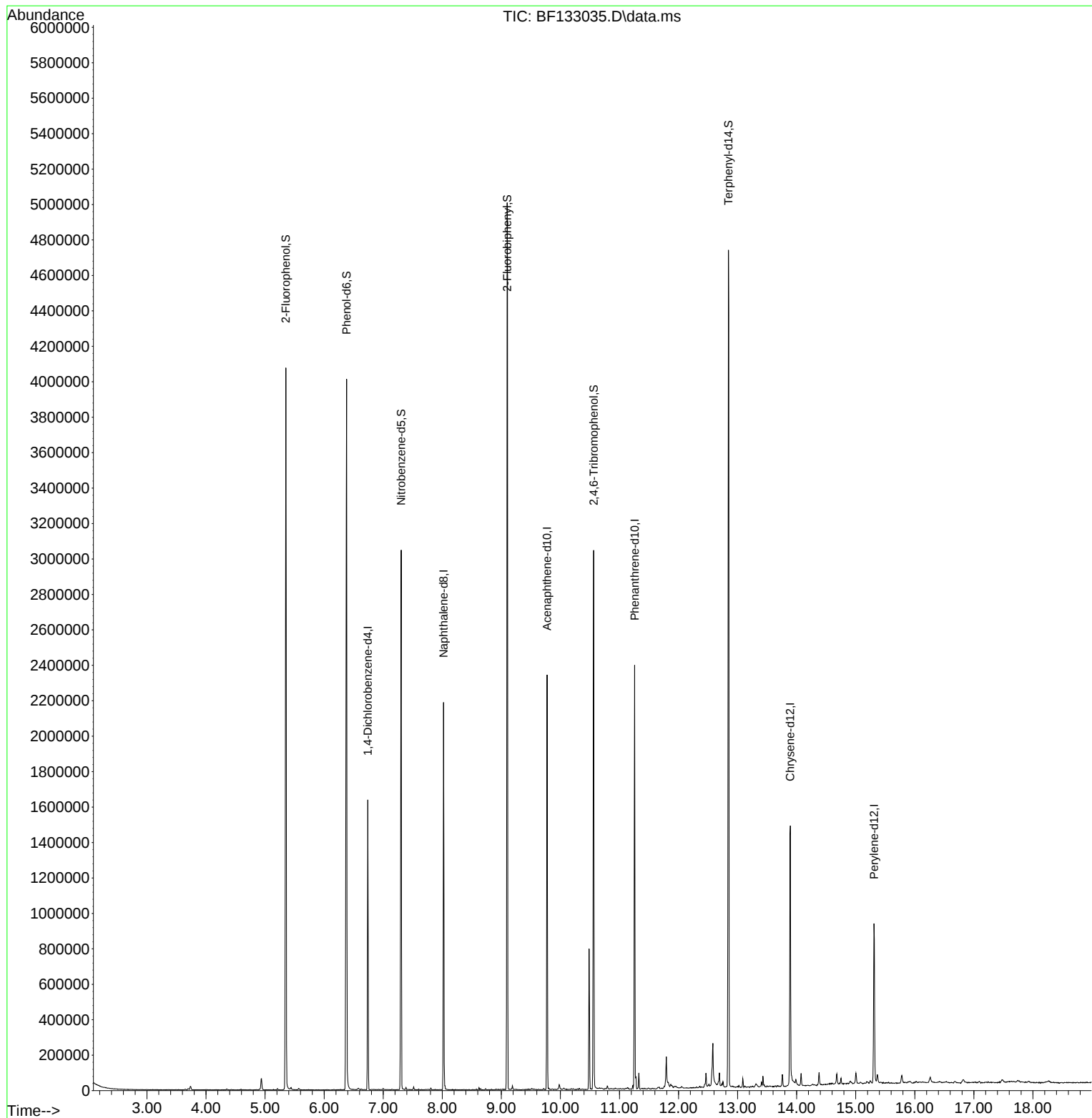
Target Compounds	Qvalue

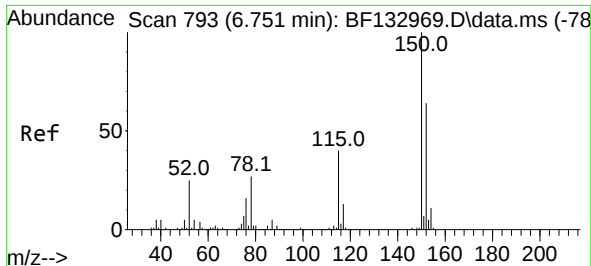
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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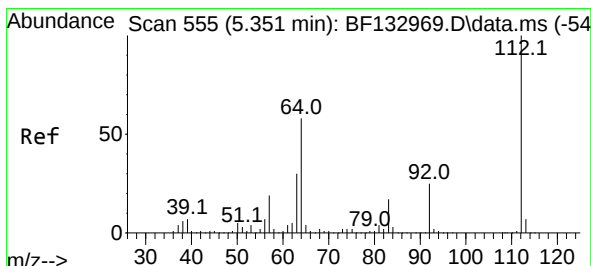
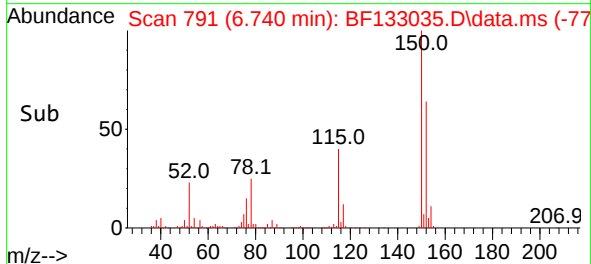
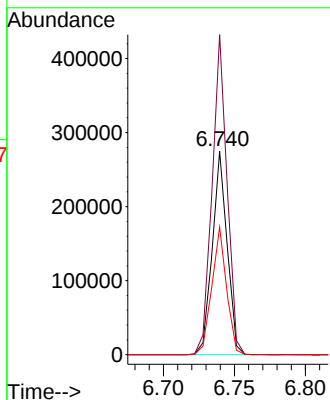
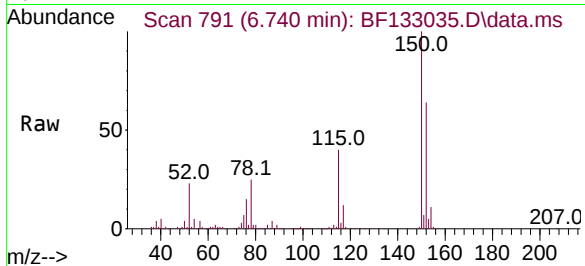




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

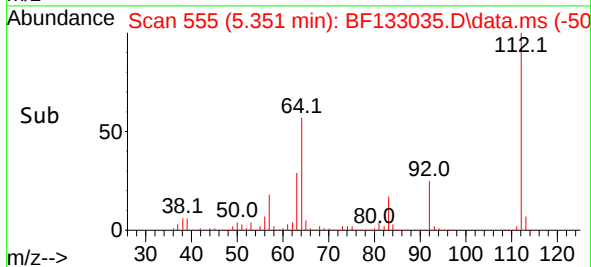
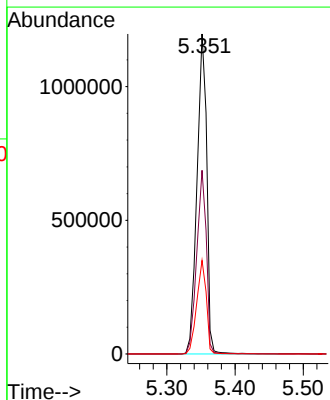
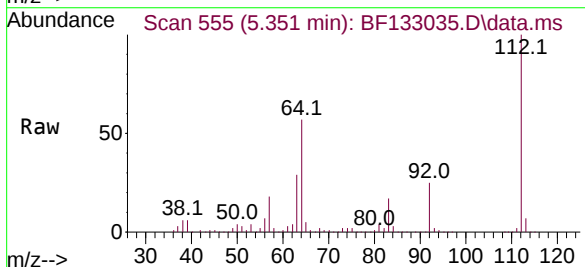
Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)

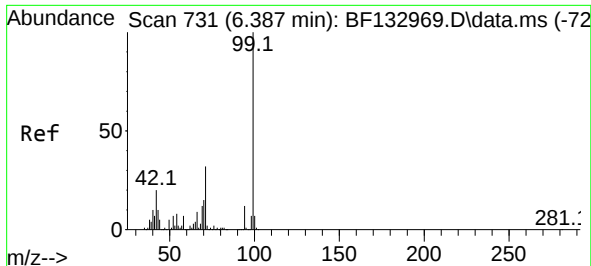
Tgt Ion:152 Resp: 200170
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 62.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.962 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

Tgt Ion:112 Resp: 1192077
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.8 70.2
 63 29.3 23.8 35.8





#7

Phenol-d6

Concen: 89.462 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)

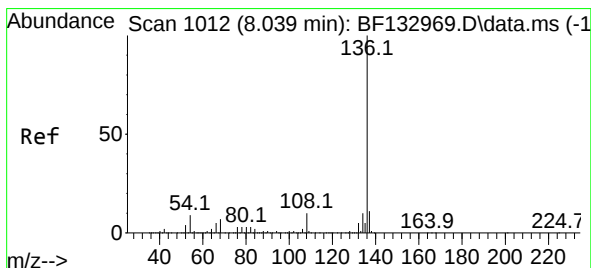
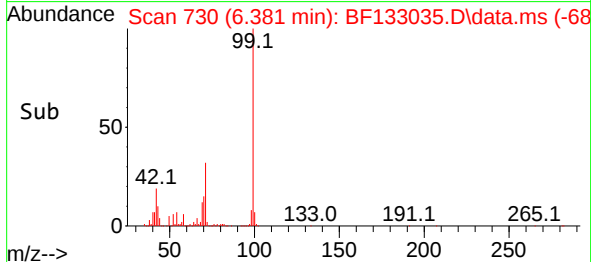
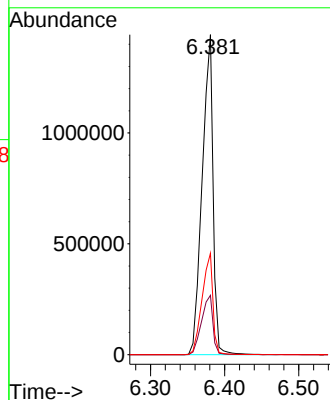
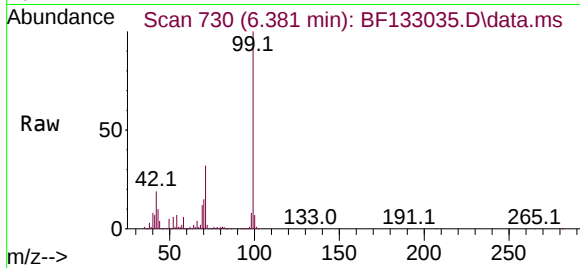
Tgt Ion: 99 Resp: 1471393

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 31.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Tgt Ion: 136 Resp: 808519

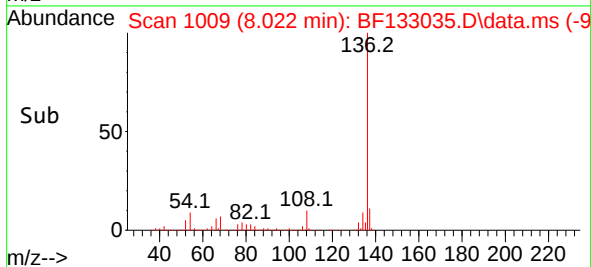
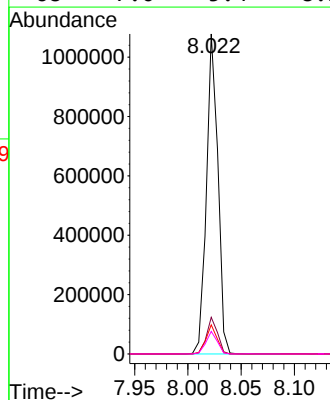
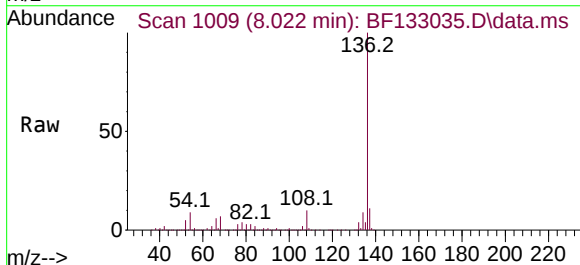
Ion Ratio Lower Upper

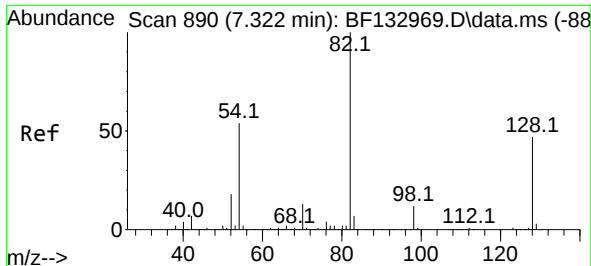
136 100

137 11.4 8.6 13.0

54 9.1 7.0 10.4

68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 58.449 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)

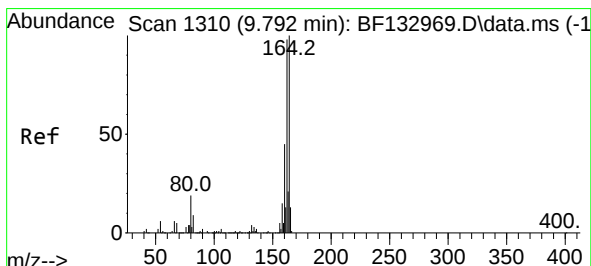
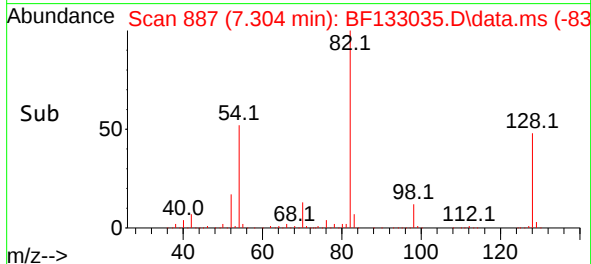
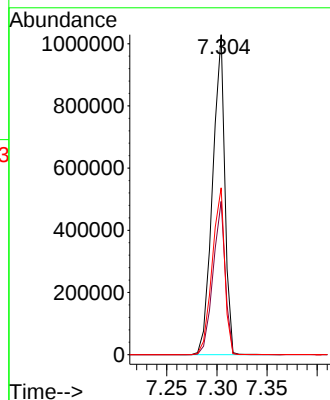
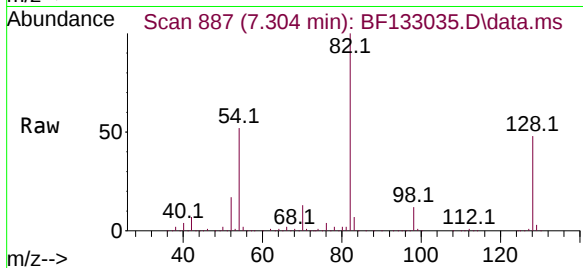
Tgt Ion: 82 Resp: 875509

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 52.2 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

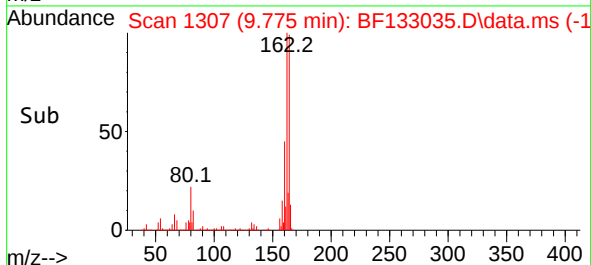
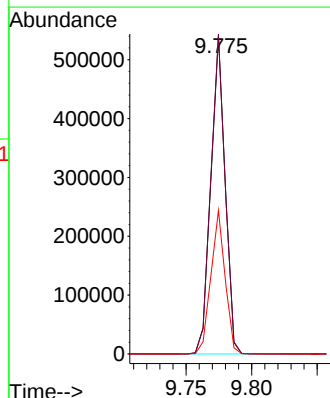
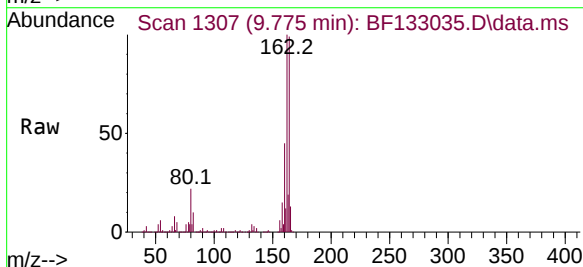
Tgt Ion:164 Resp: 409120

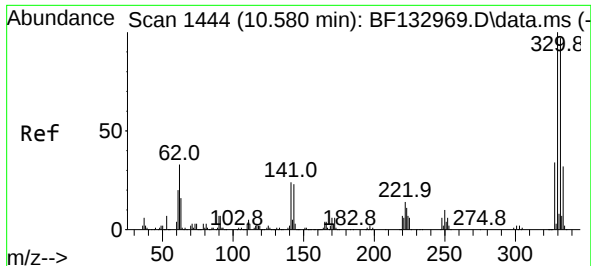
Ion Ratio Lower Upper

164 100

162 100.5 78.7 118.1

160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 85.257 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)

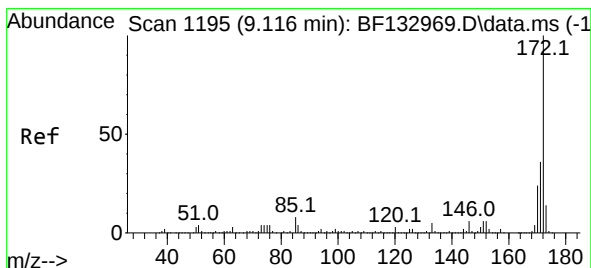
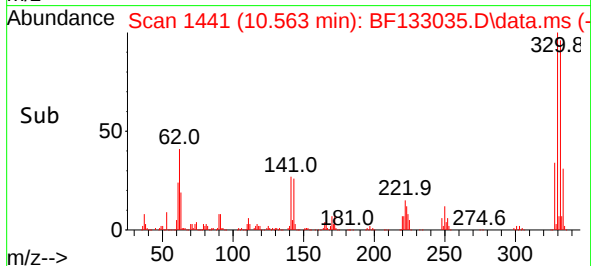
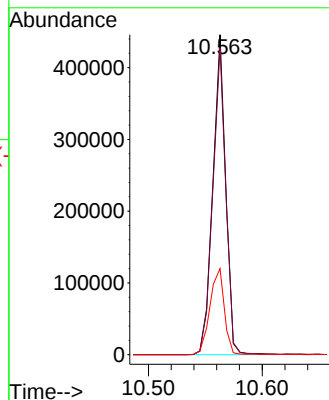
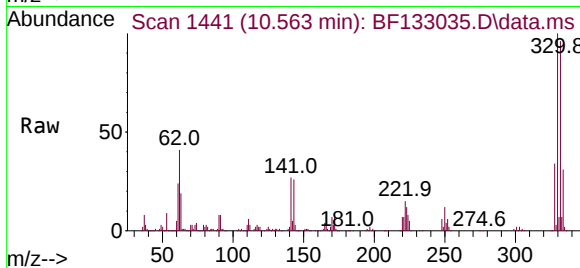
Tgt Ion:330 Resp: 350790

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 30.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 63.875 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

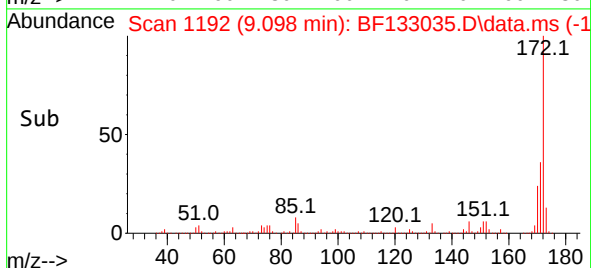
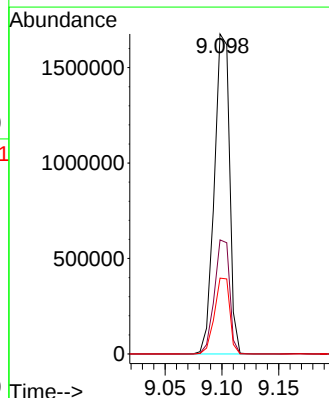
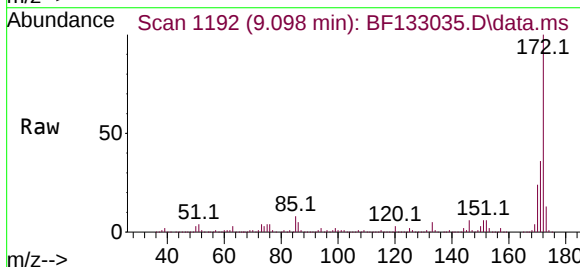
Tgt Ion:172 Resp: 1562028

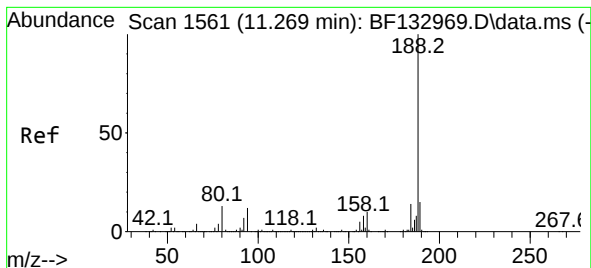
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

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ClientSampleId :

E-H4(ELEV-22)

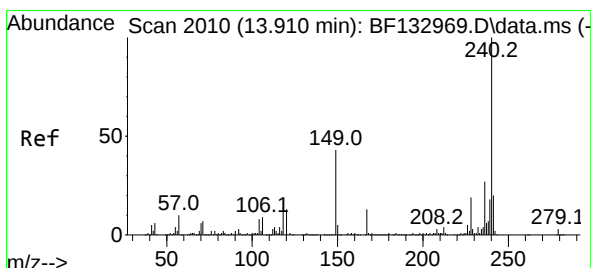
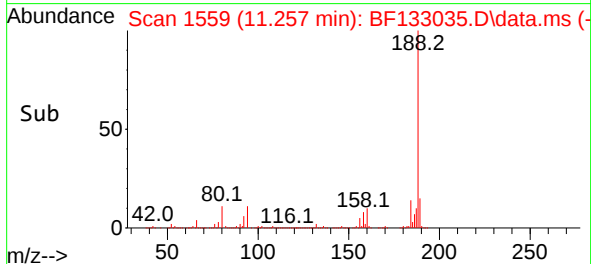
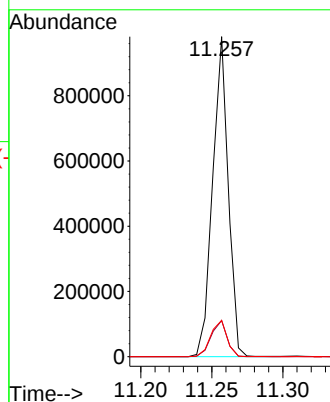
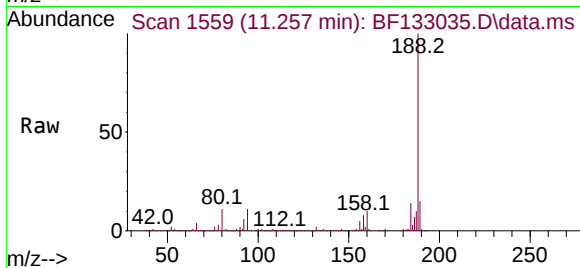
Tgt Ion:188 Resp: 751837

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.4 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

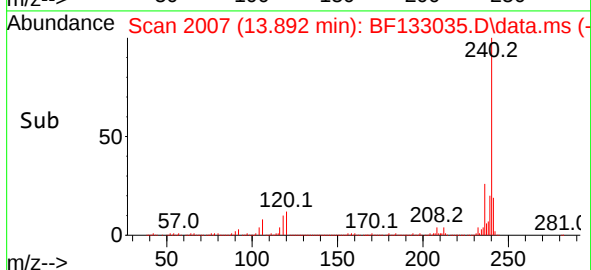
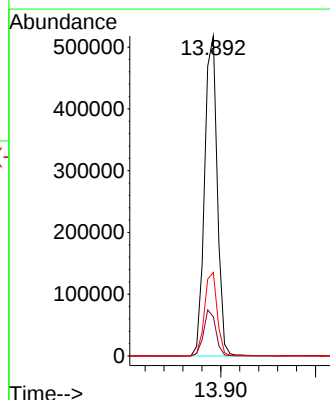
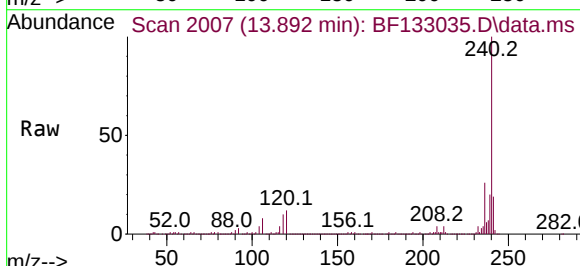
Tgt Ion:240 Resp: 481043

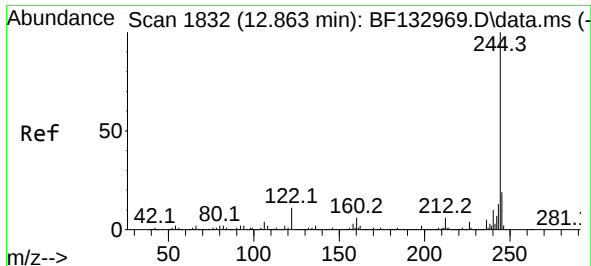
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

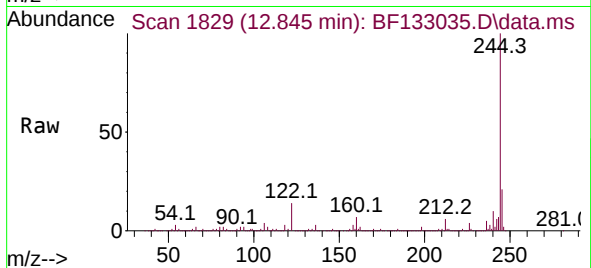
236 26.1 21.5 32.3



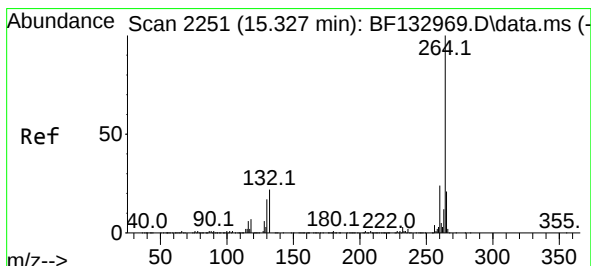
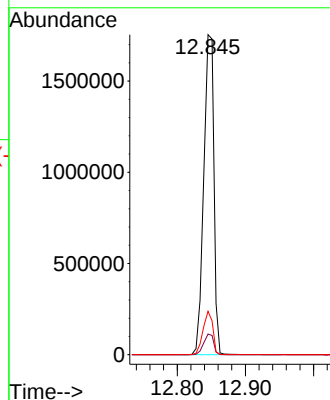
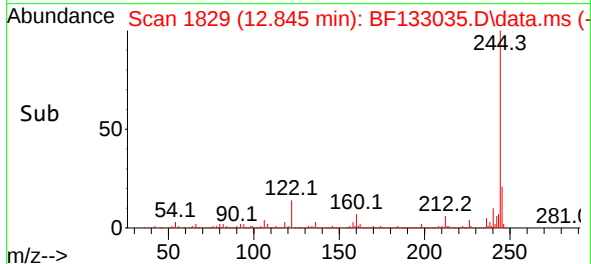


#79
 Terphenyl-d14
 Concen: 65.267 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

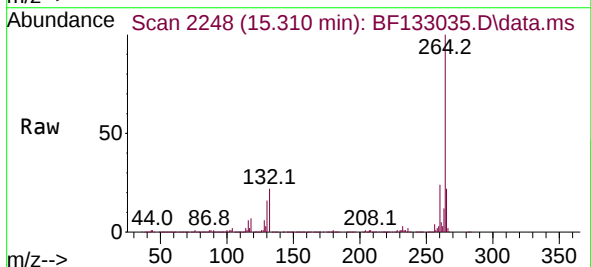
Instrument :
 BNA_F
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 E-H4(ELEV-22)



Tgt Ion:244 Resp: 1820423
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 13.5 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27



Tgt Ion:264 Resp: 384072
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.7 17.0 25.4

