

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133154.D
 Acq On : 01 May 2023 14:20
 Operator : CG\JU
 Sample : 02507-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-042623

Quant Time: May 01 15:03:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	190926	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	757075	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	354025	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	545715	20.000	ng	0.00
76) Chrysene-d12	13.880	240	346483	20.000	ng	-0.01
86) Perylene-d12	15.304	264	339244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	828000	65.512	ng	0.00
7) Phenol-d6	6.369	99	996825	63.542	ng	0.00
23) Nitrobenzene-d5	7.293	82	586197	41.794	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	183785	51.619	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1023364	48.361	ng	0.00
79) Terphenyl-d14	12.833	244	803662	40.003	ng	0.00

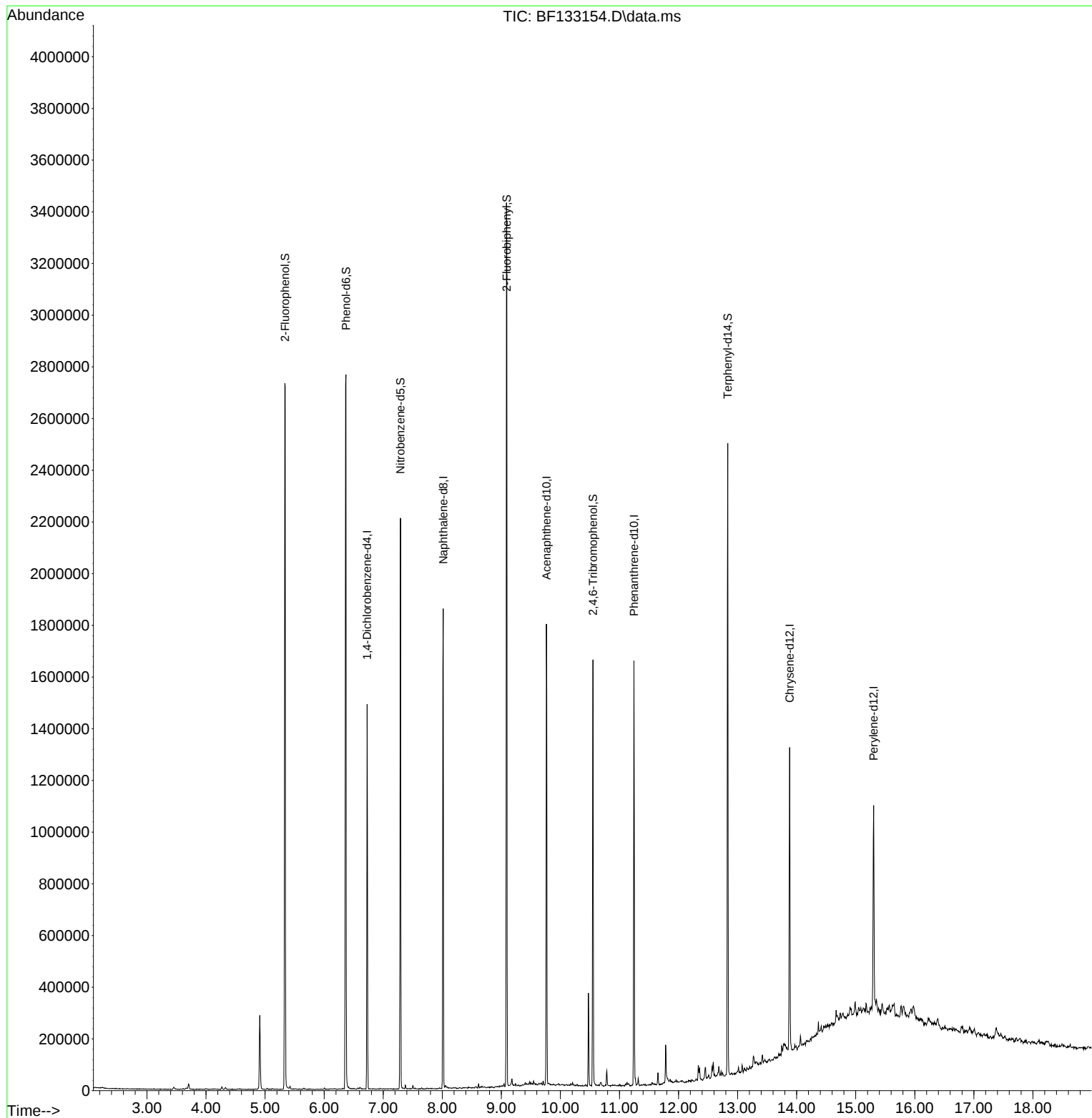
Target Compounds	Qvalue

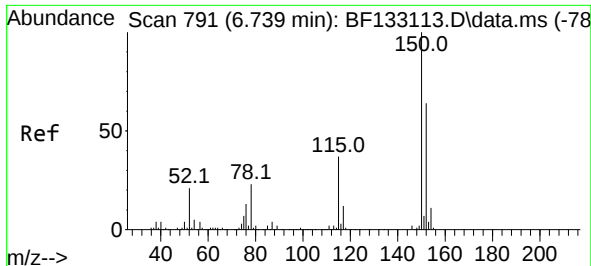
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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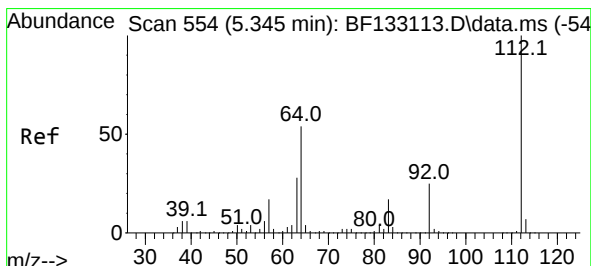
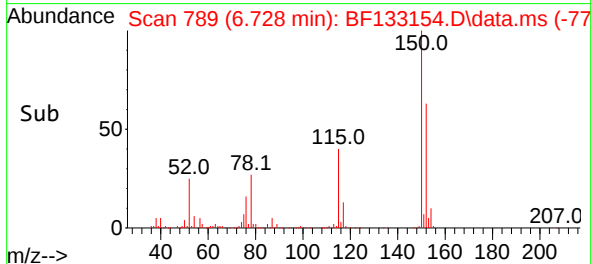
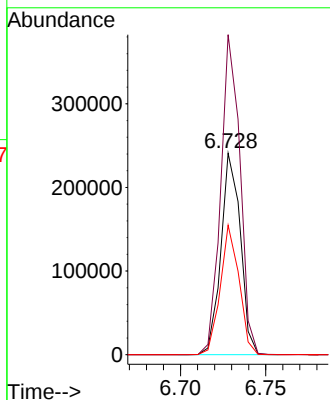
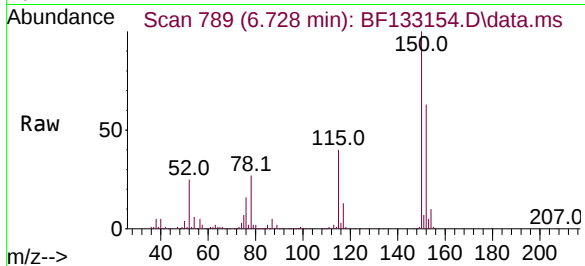




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

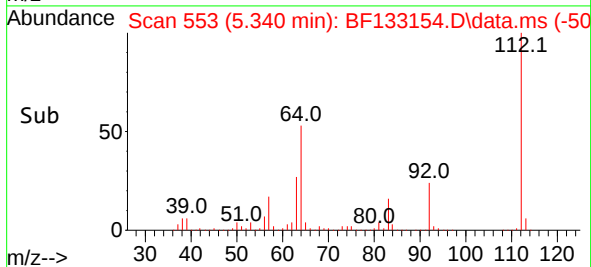
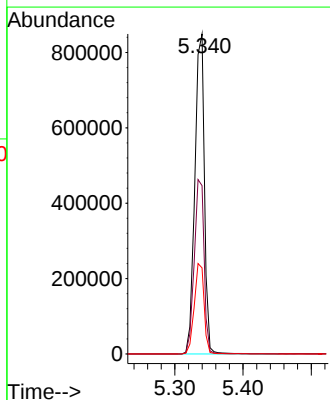
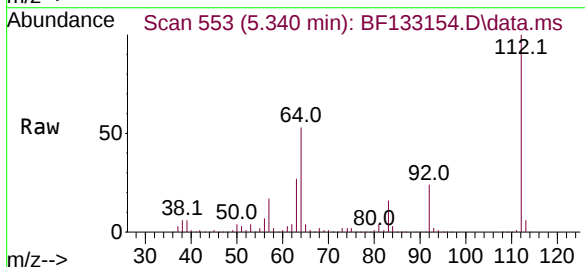
Instrument :
BNA_F
ClientSampleId :
HD-01-042623

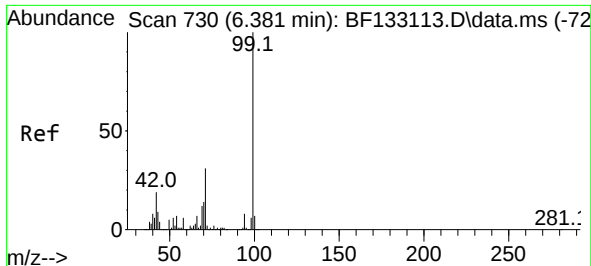
Tgt Ion:152 Resp: 190926
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 65.512 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

Tgt Ion:112 Resp: 828000
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.9 23.8 35.8

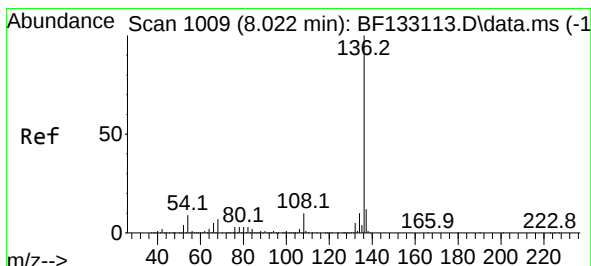
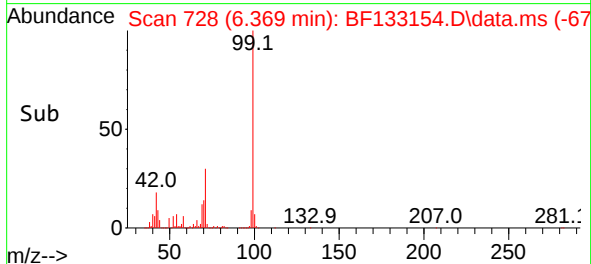
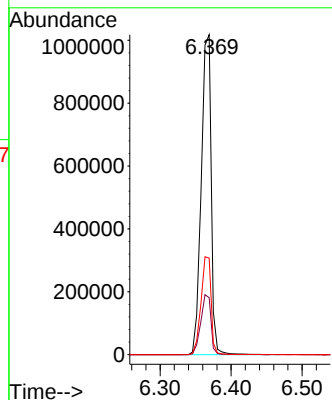
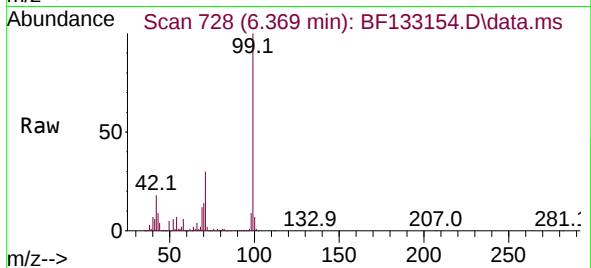




#7
Phenol-d6
Concen: 63.542 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

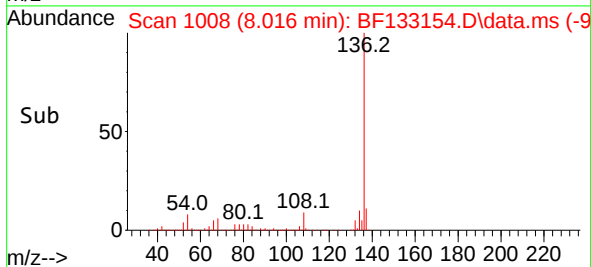
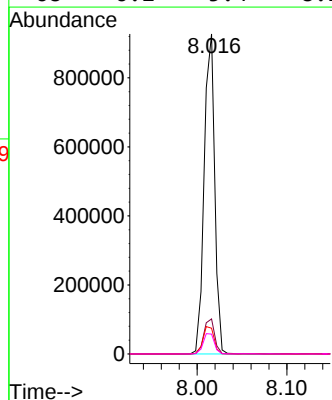
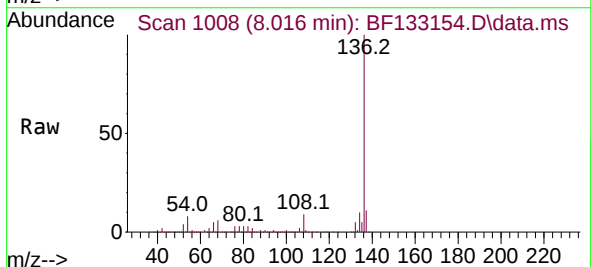
Instrument :
BNA_F
ClientSampleId :
HD-01-042623

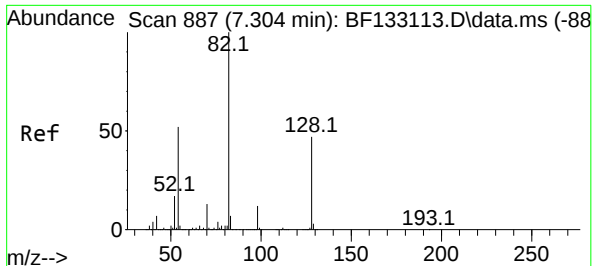
Tgt Ion: 99 Resp: 996825
Ion Ratio Lower Upper
99 100
42 17.8 16.3 24.5
71 30.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

Tgt Ion: 136 Resp: 757075
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 41.794 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.011 min

Lab File: BF133154.D

Acq: 01 May 2023 14:20

Instrument :

BNA_F

ClientSampleId :

HD-01-042623

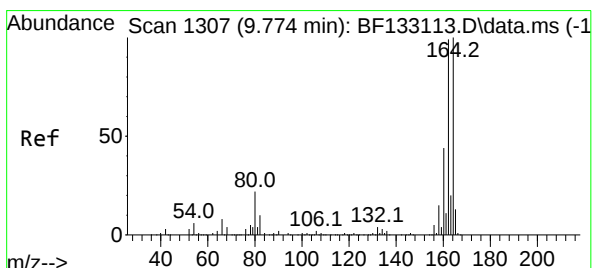
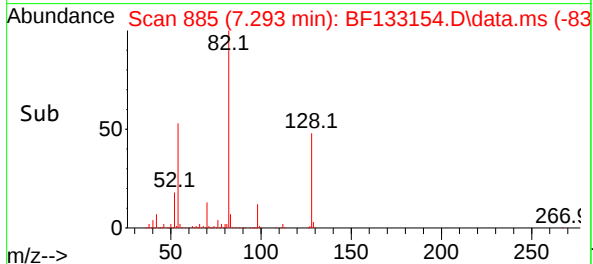
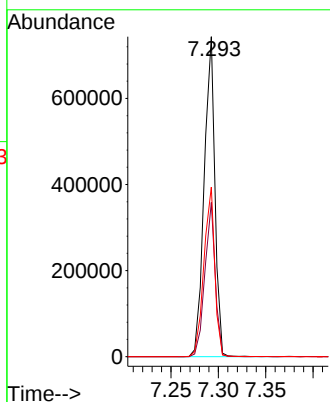
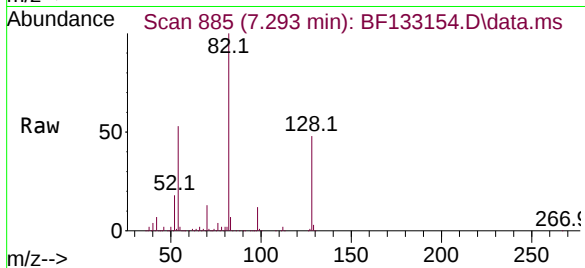
Tgt Ion: 82 Resp: 586197

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 53.0 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133154.D

Acq: 01 May 2023 14:20

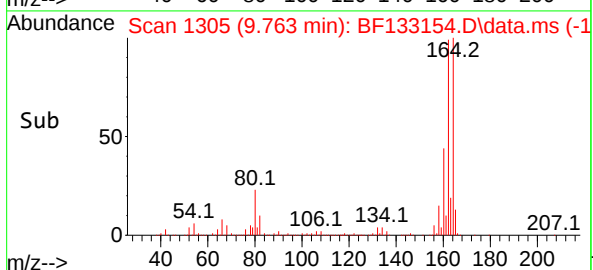
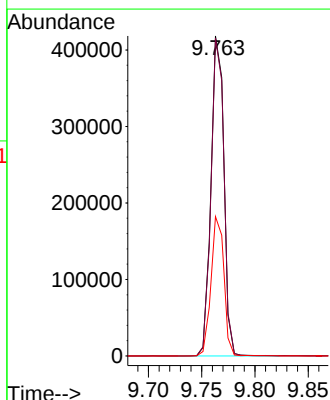
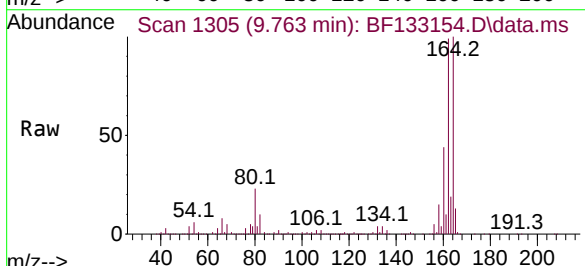
Tgt Ion:164 Resp: 354025

Ion Ratio Lower Upper

164 100

162 99.3 78.7 118.1

160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 51.619 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133154.D

Acq: 01 May 2023 14:20

Instrument :

BNA_F

ClientSampleId :

HD-01-042623

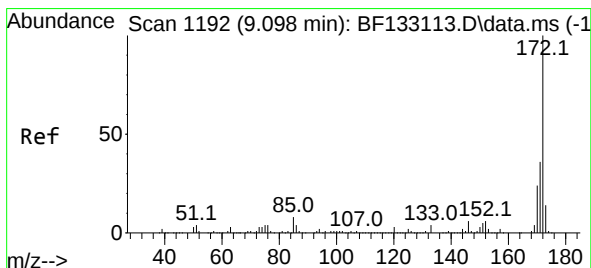
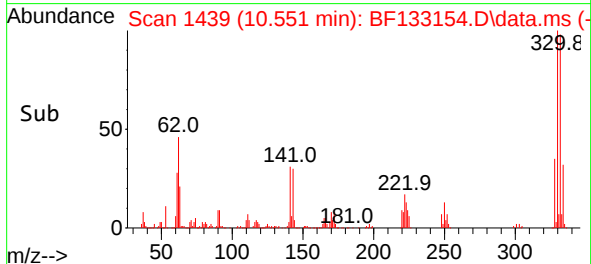
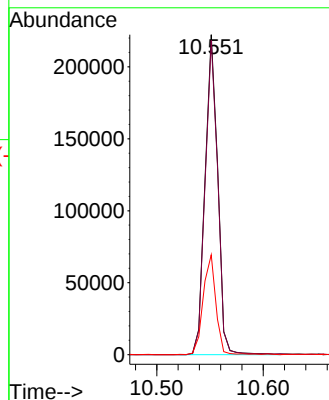
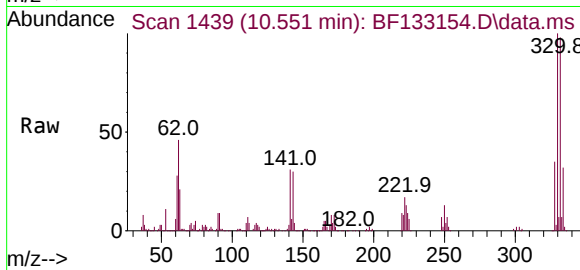
Tgt Ion:330 Resp: 183785

Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 48.361 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133154.D

Acq: 01 May 2023 14:20

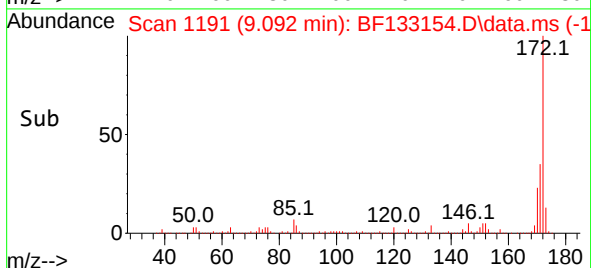
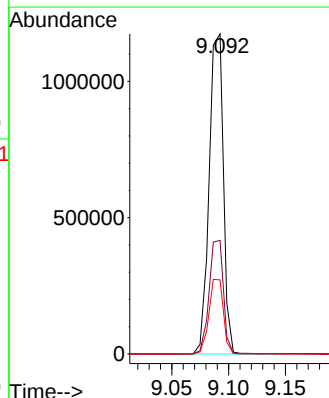
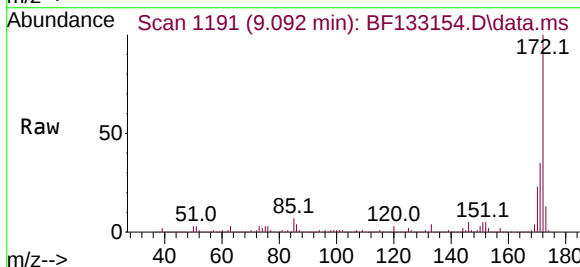
Tgt Ion:172 Resp: 1023364

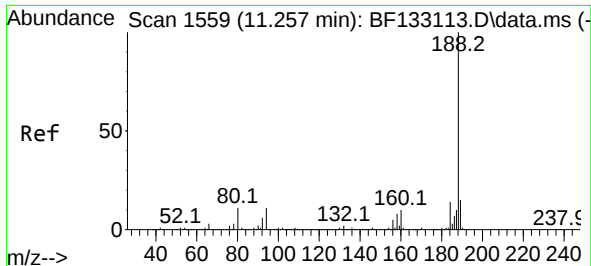
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 19.4 29.2

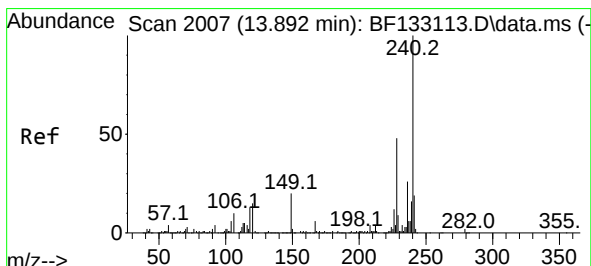
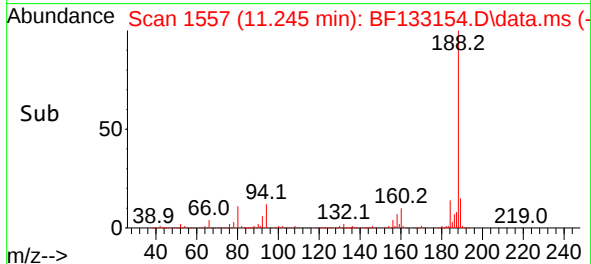
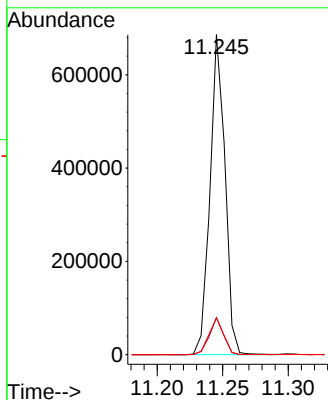
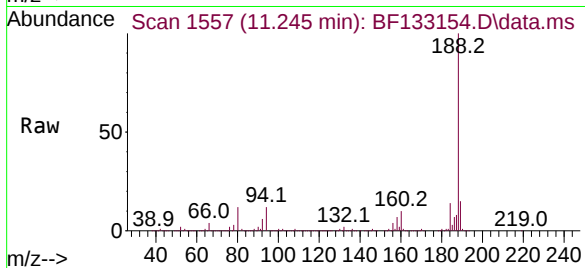




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

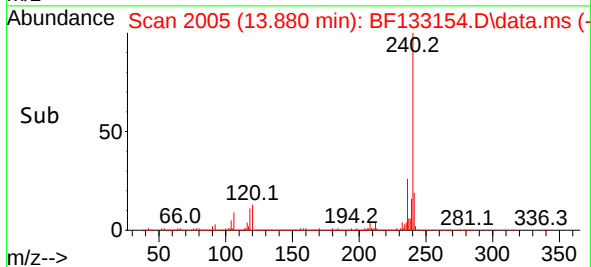
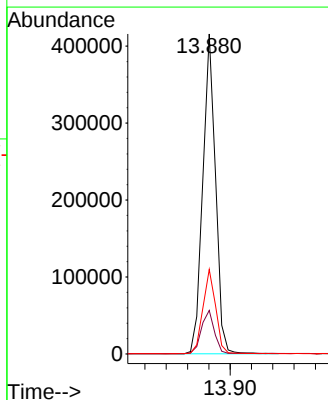
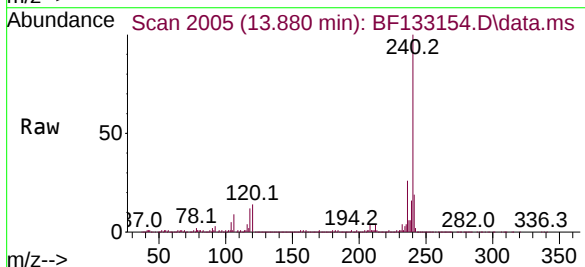
Instrument :
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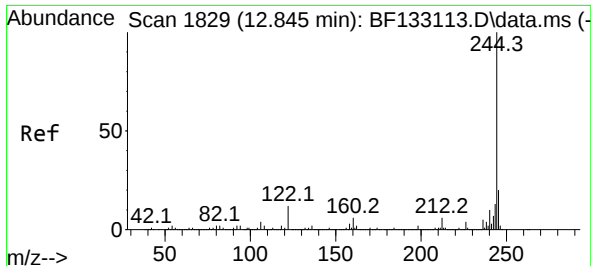
Tgt Ion:188 Resp: 545715
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133154.D
Acq: 01 May 2023 14:20

Tgt Ion:240 Resp: 346483
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.4 21.5 32.3

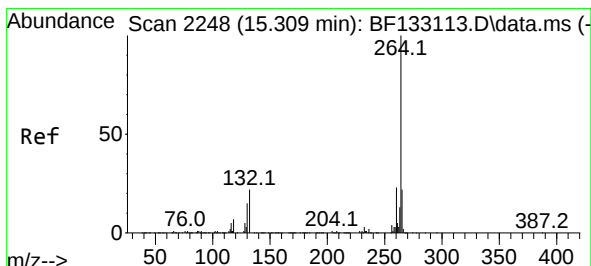
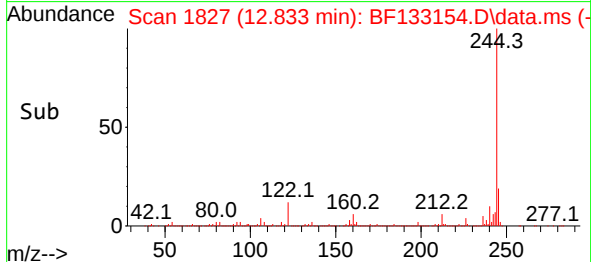
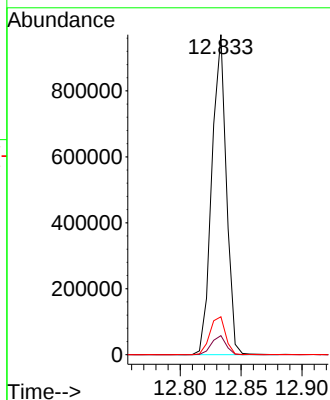
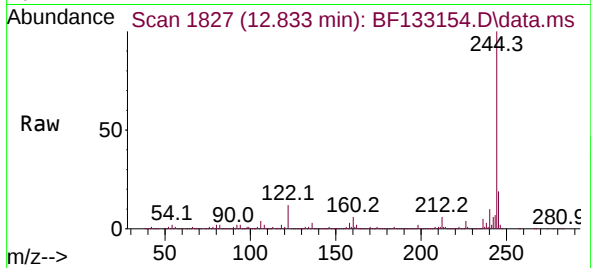




#79
 Terphenyl-d14
 Concen: 40.003 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133154.D
 Acq: 01 May 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-042623

Tgt Ion:244 Resp: 803662
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.1 7.7
 122 11.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133154.D
 Acq: 01 May 2023 14:20

Tgt Ion:264 Resp: 339244
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 20.7 17.0 25.4

