

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133217.D
 Acq On : 03 May 2023 20:21
 Operator : CG\JU
 Sample : 02583-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-23

Quant Time: May 04 01:41:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	179439	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	722785	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	374881	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	588621	20.000	ng	0.00
76) Chrysene-d12	13.880	240	330308	20.000	ng	-0.01
86) Perylene-d12	15.298	264	370782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1161337	97.767	ng	0.00
7) Phenol-d6	6.369	99	1420240	96.328	ng	0.00
23) Nitrobenzene-d5	7.293	82	874752	65.326	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	152994	40.580	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1537731	68.625	ng	0.00
79) Terphenyl-d14	12.833	244	1197888	62.546	ng	0.00

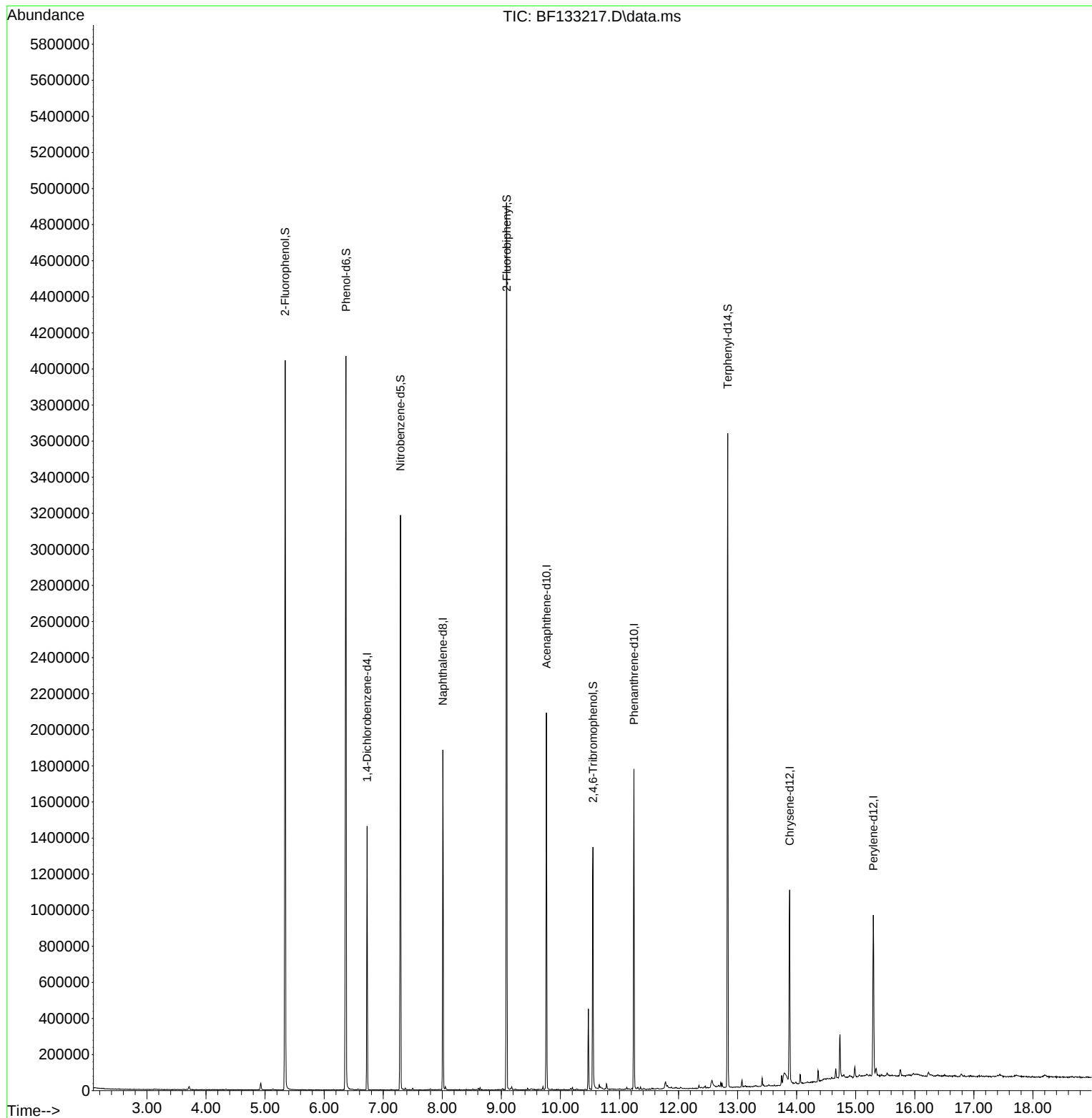
Target Compounds	Qvalue

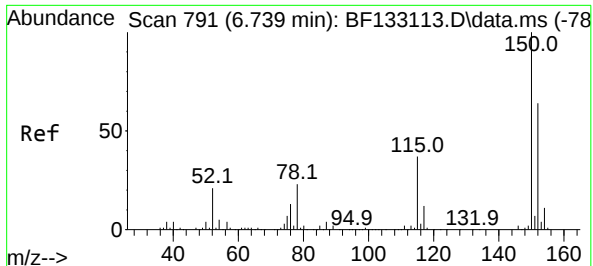
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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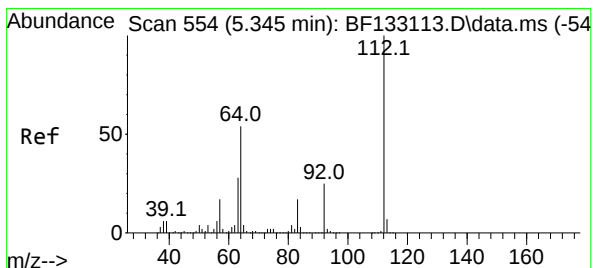
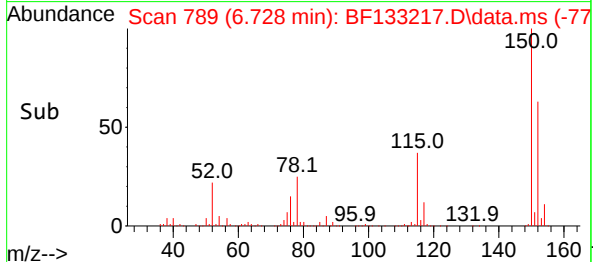
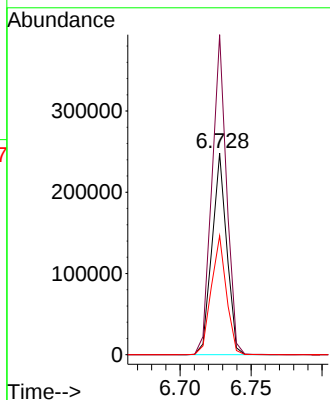
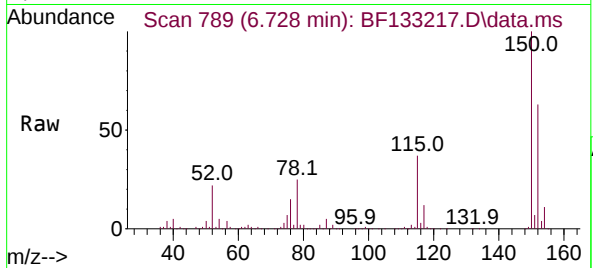




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133217.D
 Acq: 03 May 2023 20:21

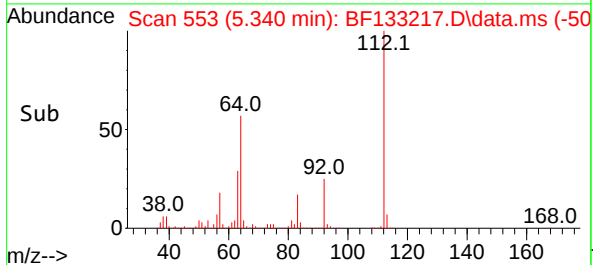
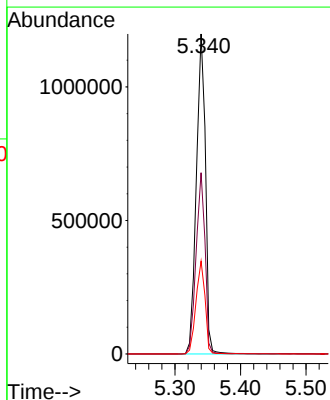
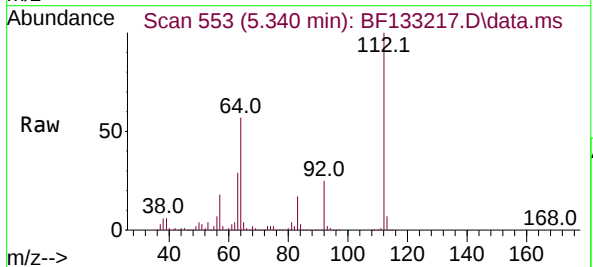
Instrument :
 BNA_F
 ClientSampleId :
 CF-23

Tgt Ion:152 Resp: 179439
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.8 187.2
 115 59.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.767 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133217.D
 Acq: 03 May 2023 20:21

Tgt Ion:112 Resp: 1161337
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.8 70.2
 63 29.0 23.8 35.8

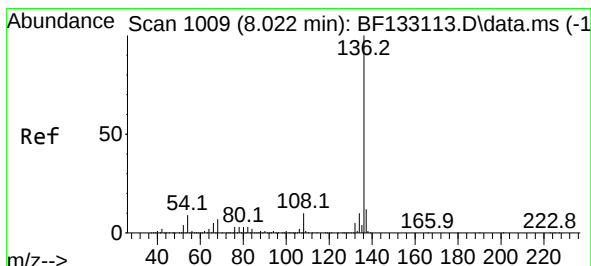
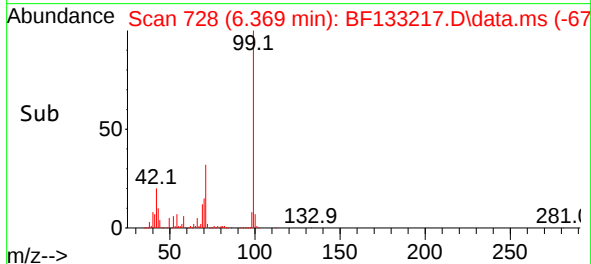
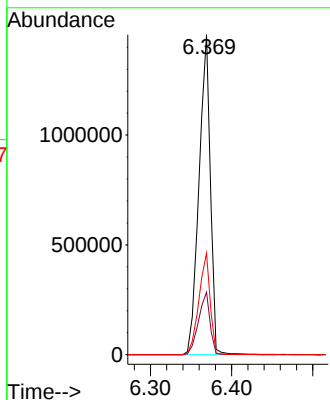
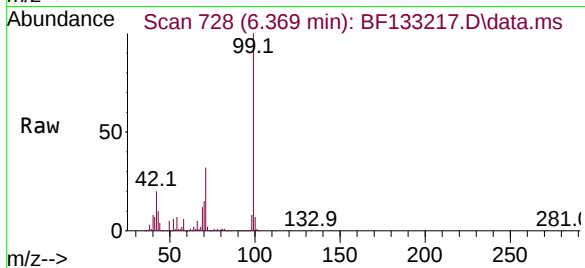




#7
Phenol-d6
Concen: 96.328 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133217.D
Acq: 03 May 2023 20:21

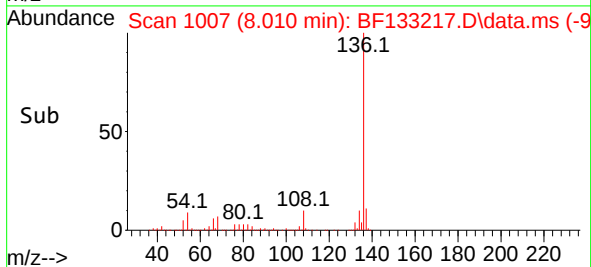
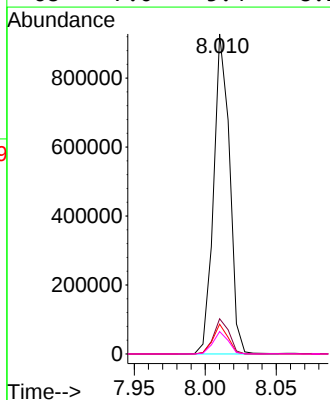
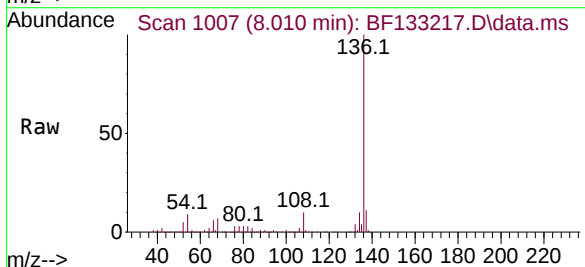
Instrument :
BNA_F
ClientSampleId :
CF-23

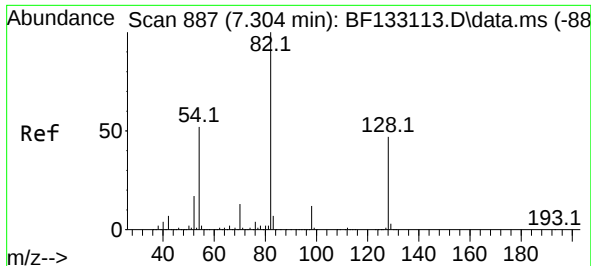
Tgt Ion: 99 Resp: 1420240
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133217.D
Acq: 03 May 2023 20:21

Tgt Ion: 136 Resp: 722785
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 65.326 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133217.D

Acq: 03 May 2023 20:21

Instrument :

BNA_F

ClientSampleId :

CF-23

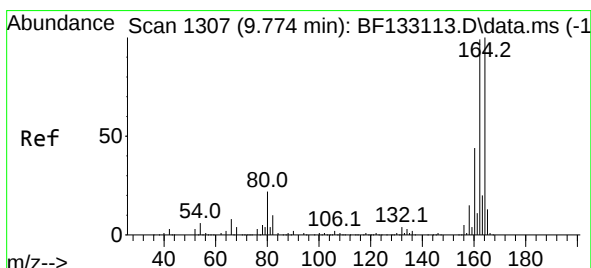
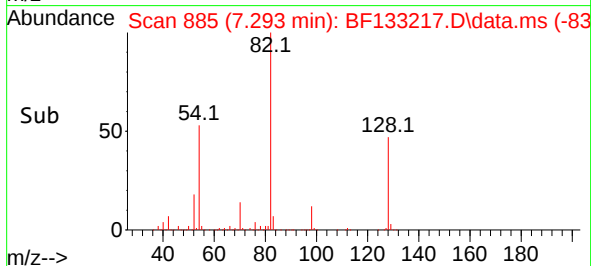
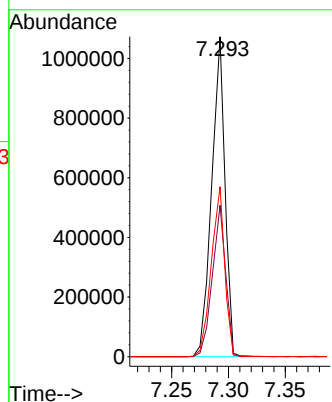
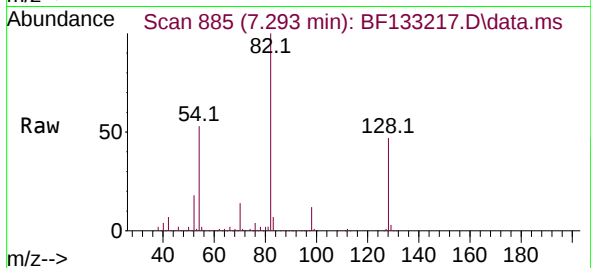
Tgt Ion: 82 Resp: 874752

Ion Ratio Lower Upper

82 100

128 47.3 37.7 56.5

54 53.1 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: BF133217.D

Acq: 03 May 2023 20:21

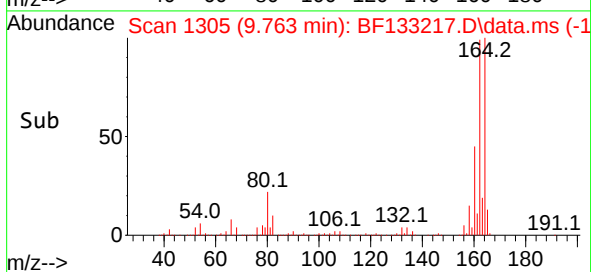
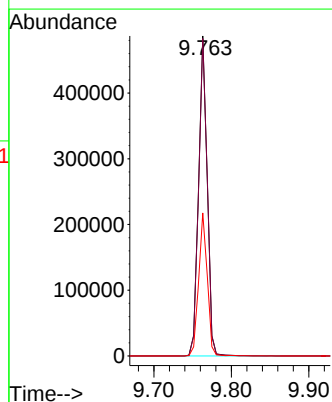
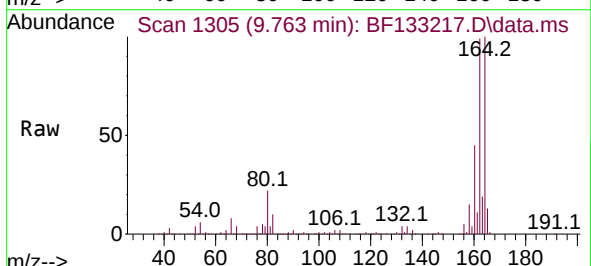
Tgt Ion:164 Resp: 374881

Ion Ratio Lower Upper

164 100

162 99.2 78.7 118.1

160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 40.580 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133217.D

Acq: 03 May 2023 20:21

Instrument :

BNA_F

ClientSampleId :

CF-23

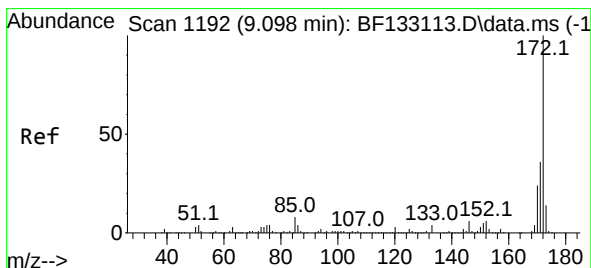
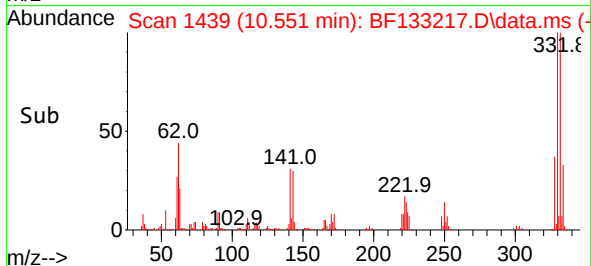
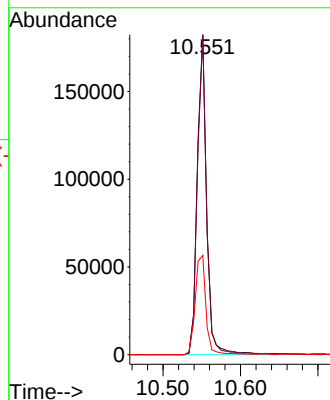
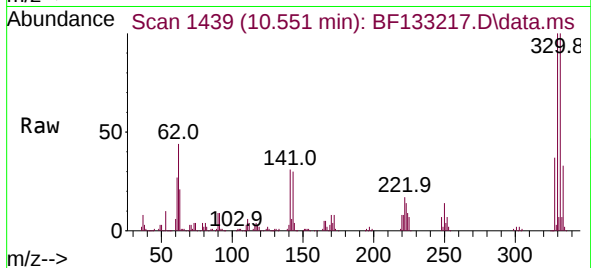
Tgt Ion:330 Resp: 152994

Ion Ratio Lower Upper

330 100

332 98.7 77.1 115.7

141 35.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 68.625 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF133217.D

Acq: 03 May 2023 20:21

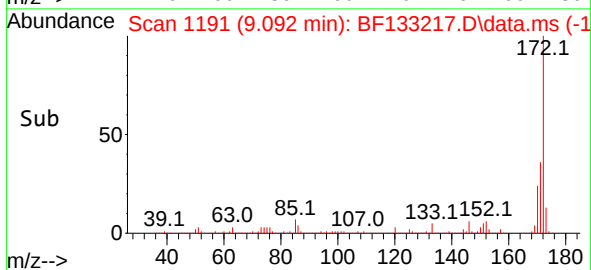
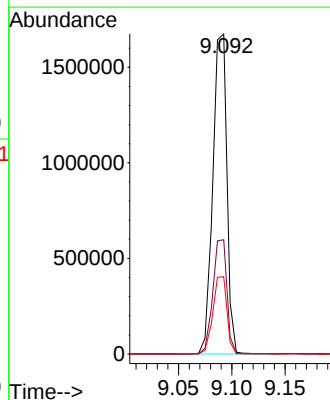
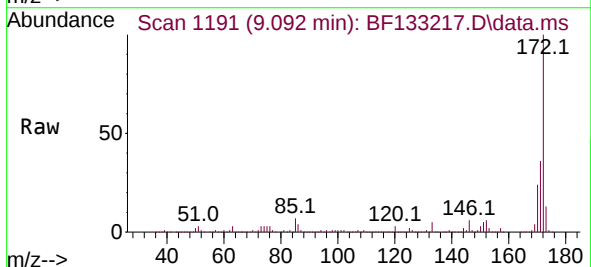
Tgt Ion:172 Resp: 1537731

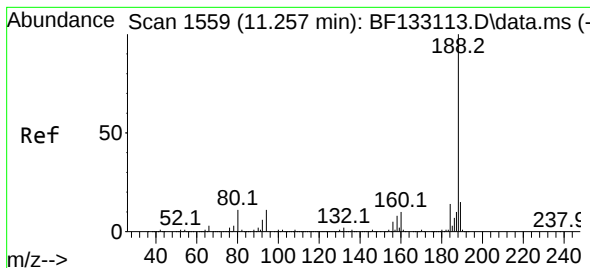
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 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: BF133217.D

Acq: 03 May 2023 20:21

Instrument :

BNA_F

ClientSampleId :

CF-23

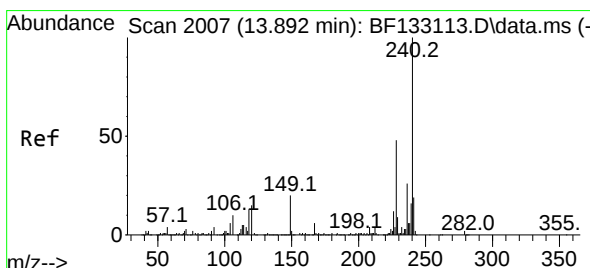
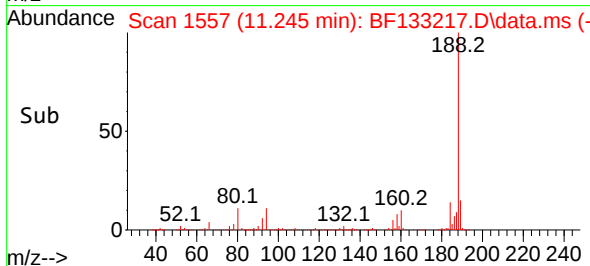
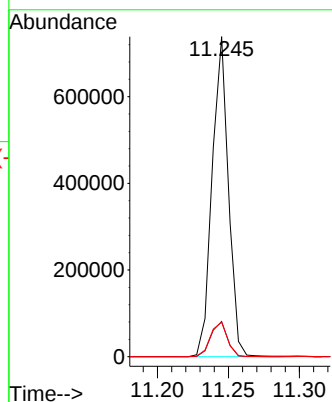
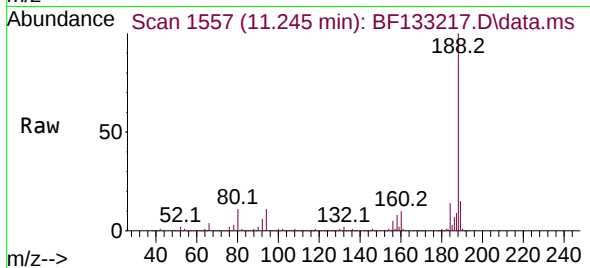
Tgt Ion:188 Resp: 588621

Ion Ratio Lower Upper

188 100

94 11.0 9.7 14.5

80 10.8 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: BF133217.D

Acq: 03 May 2023 20:21

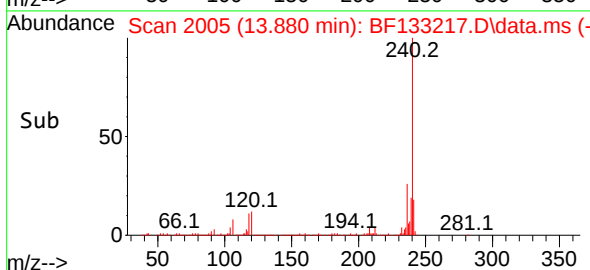
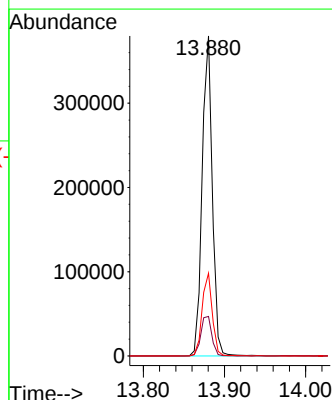
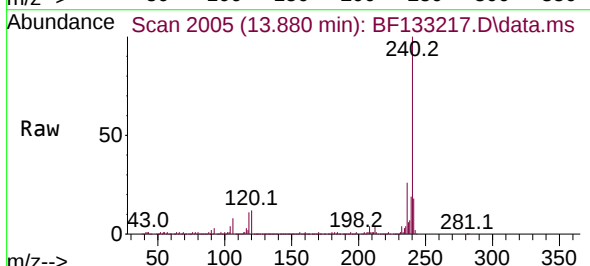
Tgt Ion:240 Resp: 330308

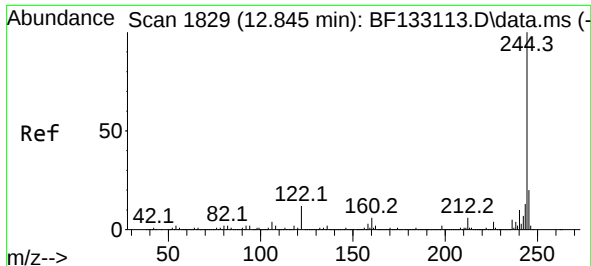
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

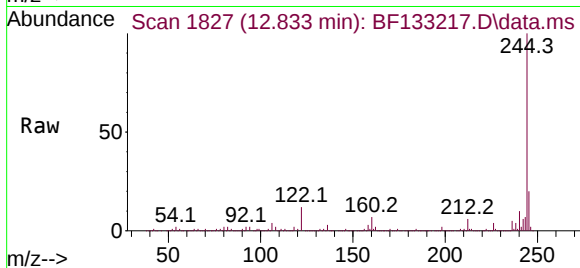
236 25.9 21.5 32.3



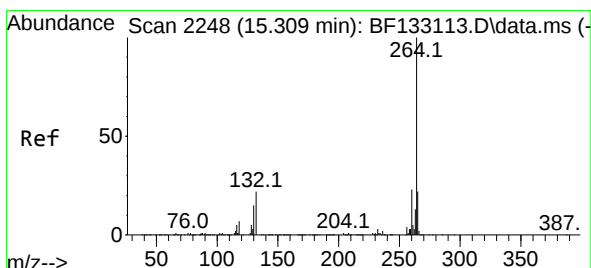
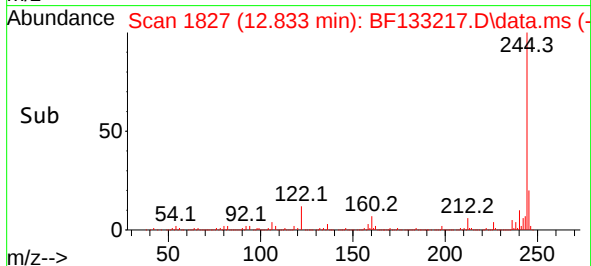
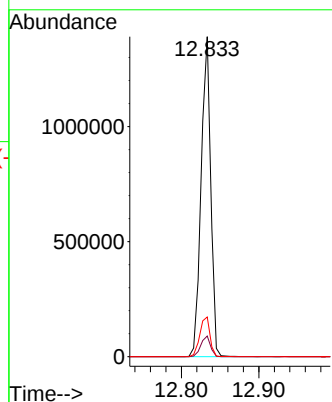


#79
 Terphenyl-d14
 Concen: 62.546 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133217.D
 Acq: 03 May 2023 20:21

Instrument :
 BNA_F
 ClientSampleId :
 CF-23



Tgt Ion:244 Resp: 1197888
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133217.D
 Acq: 03 May 2023 20:21

Tgt Ion:264 Resp: 370782
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.5 17.0 25.4

