

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133262.D
 Acq On : 05 May 2023 14:00
 Operator : CG\JU
 Sample : 02597-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20230503

Quant Time: May 06 05:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	194418	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	795991	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	420082	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	744709	20.000	ng	0.00
76) Chrysene-d12	13.874	240	405900	20.000	ng	0.00
86) Perylene-d12	15.292	264	378817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	708708	55.066	ng	0.00
7) Phenol-d6	6.363	99	513748	32.160	ng	0.00
23) Nitrobenzene-d5	7.293	82	1204253	81.661	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	456016	107.940	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1995946	79.490	ng	0.00
79) Terphenyl-d14	12.833	244	2094375	88.990	ng	0.00

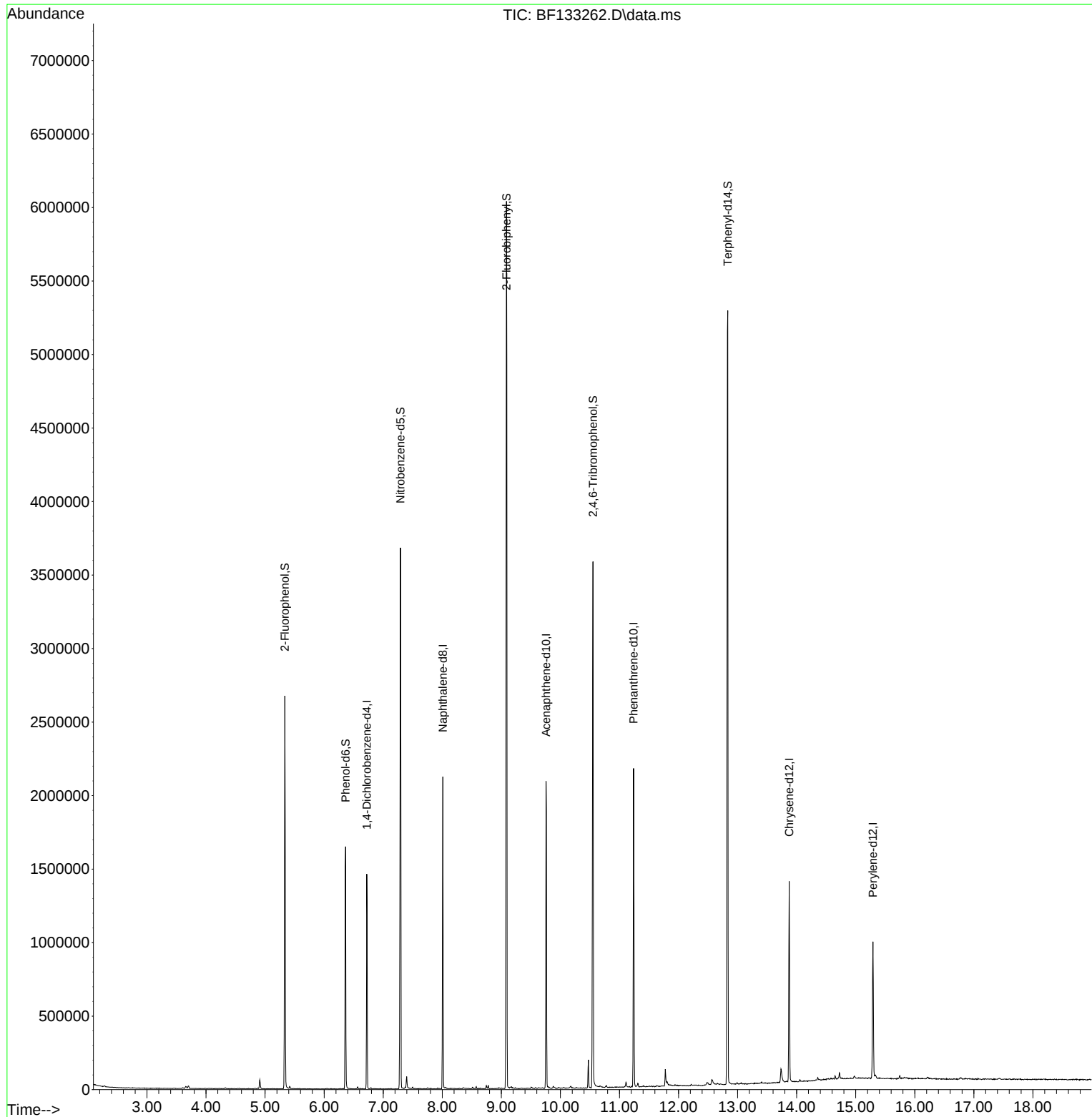
Target Compounds	Qvalue

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

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QLast Update : Fri May 05 10:49:34 2023
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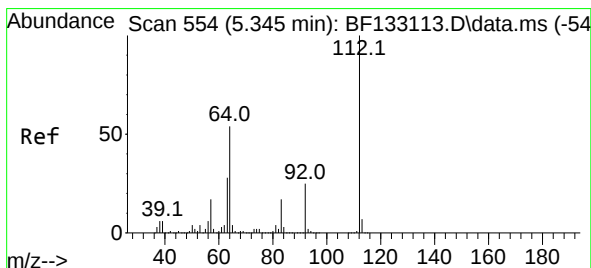
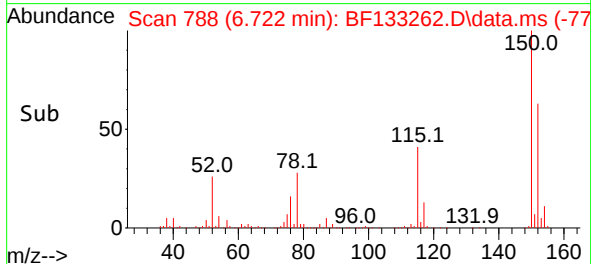
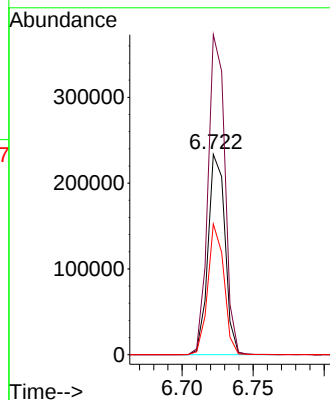
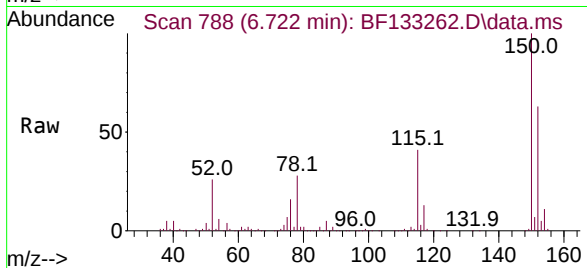




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133262.D
 Acq: 05 May 2023 14:00

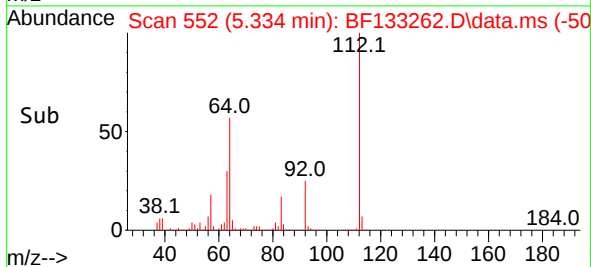
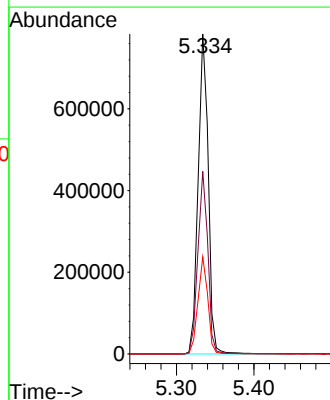
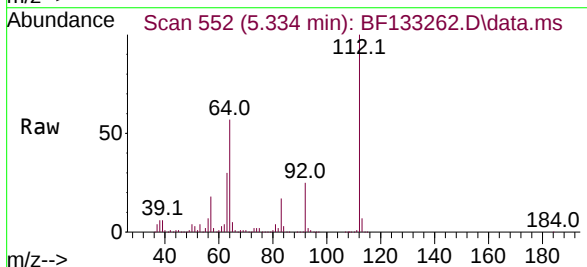
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20230503

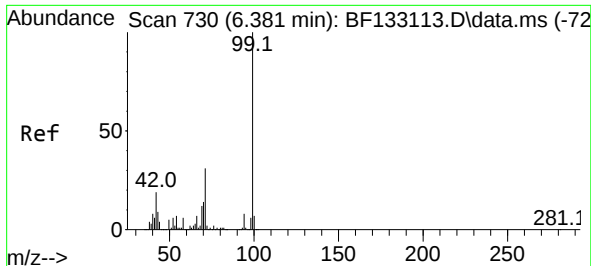
Tgt Ion:152 Resp: 194418
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.8 187.2
 115 65.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 55.066 ng
 RT: 5.334 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF133262.D
 Acq: 05 May 2023 14:00

Tgt Ion:112 Resp: 708708
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.8 70.2
 63 30.4 23.8 35.8

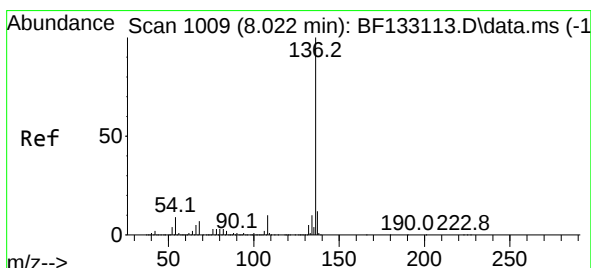
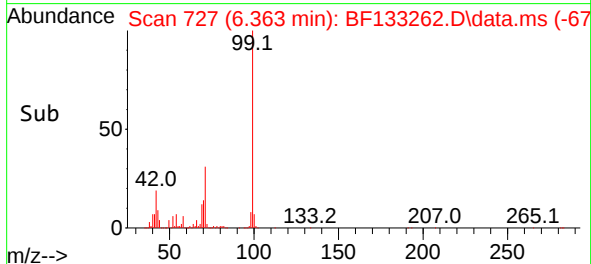
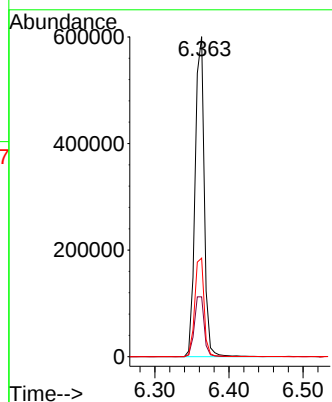
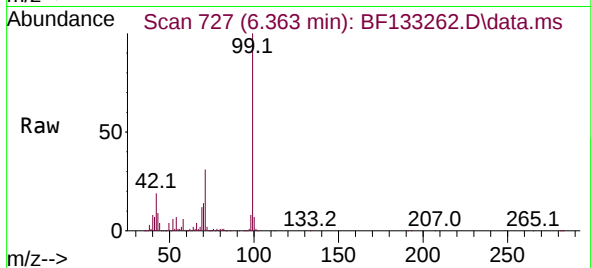




#7
Phenol-d6
Concen: 32.160 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

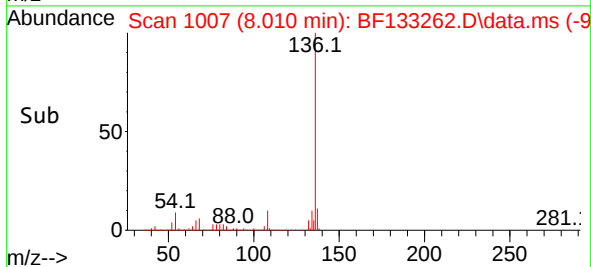
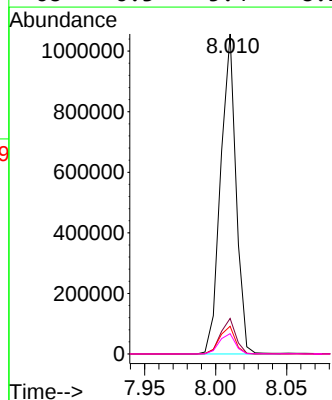
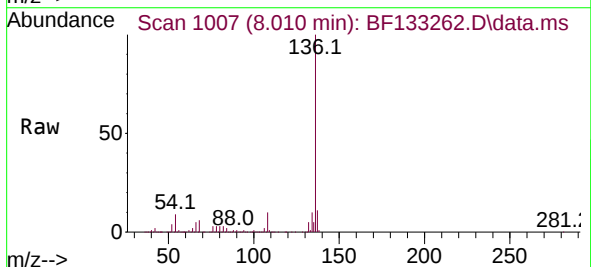
Instrument :
BNA_F
ClientSampleId :
MW-4-20230503

Tgt Ion: 99 Resp: 513748
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 30.8 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: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion: 136 Resp: 795991
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 81.661 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

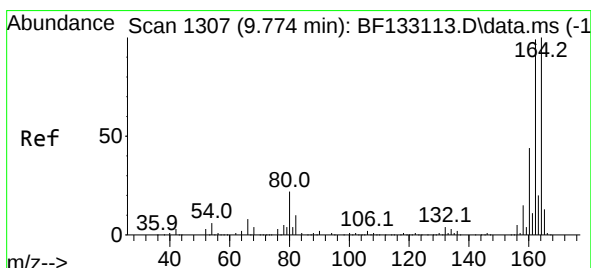
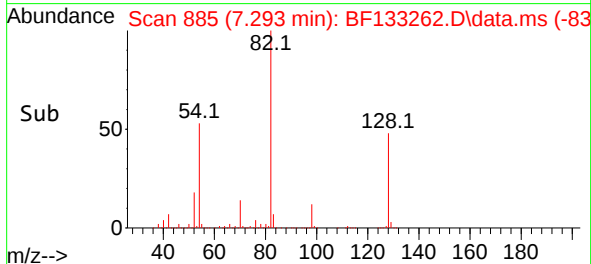
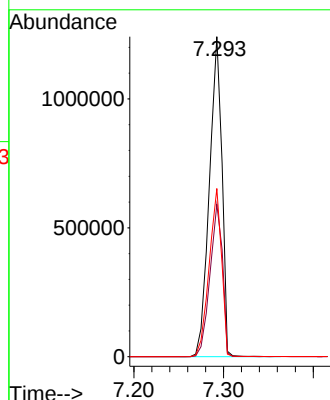
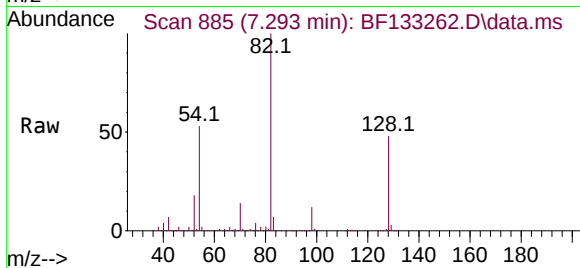
BNA_F

ClientSampleId :

MW-4-20230503

Tgt Ion: 82 Resp: 1204253

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	52.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

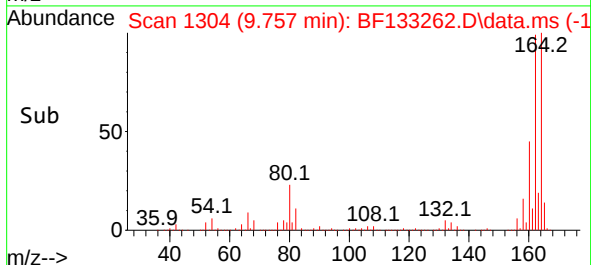
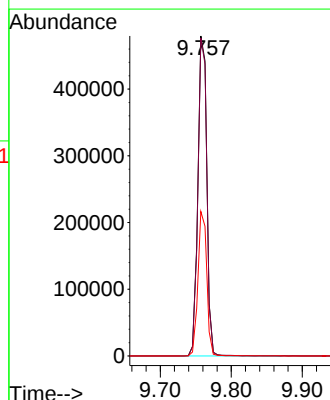
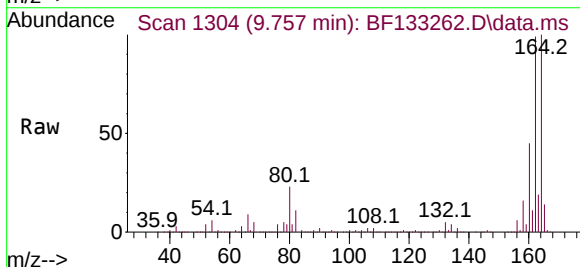
Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Tgt Ion: 164 Resp: 420082

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.7	118.1
160	45.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 107.940 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

BNA_F

ClientSampleId :

MW-4-20230503

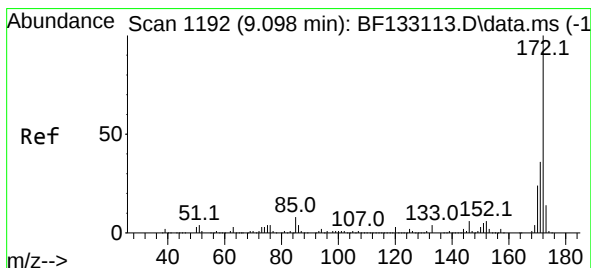
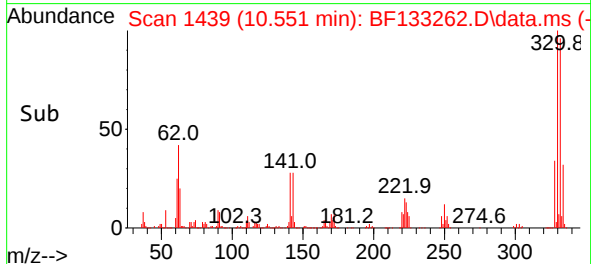
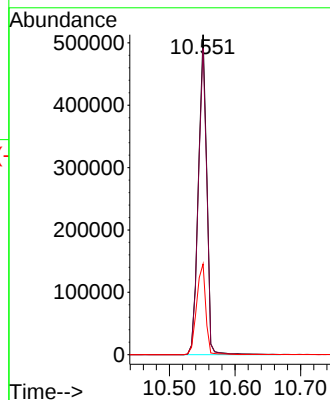
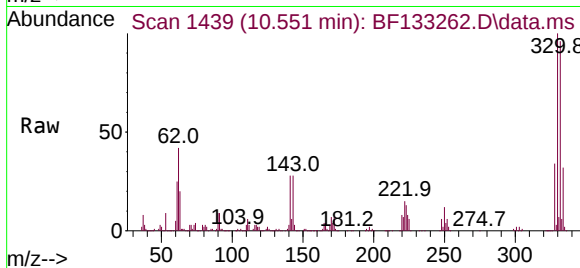
Tgt Ion:330 Resp: 456016

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.490 ng

RT: 9.087 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

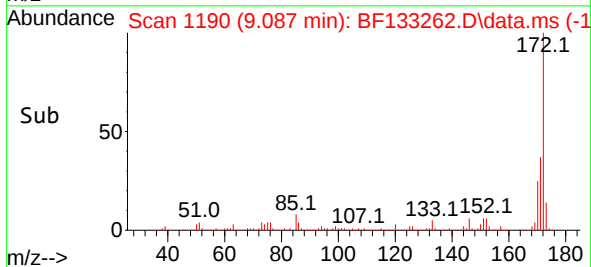
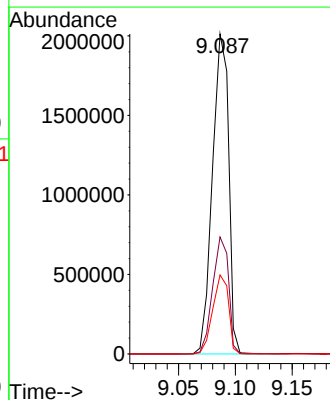
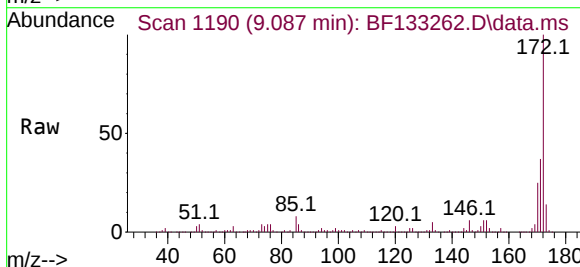
Tgt Ion:172 Resp: 1995946

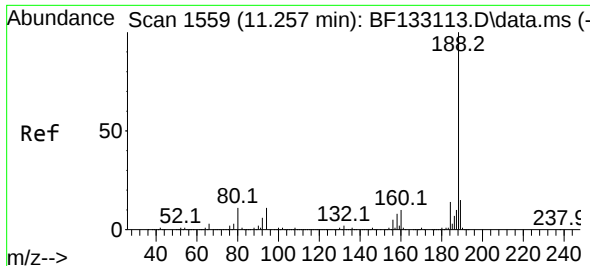
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.7 19.4 29.2

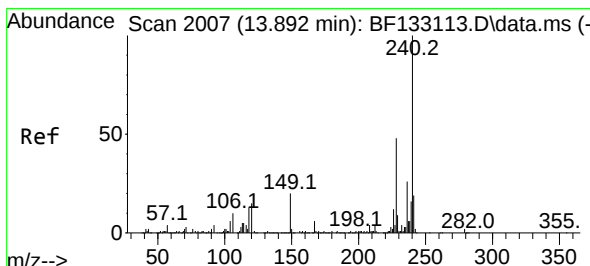
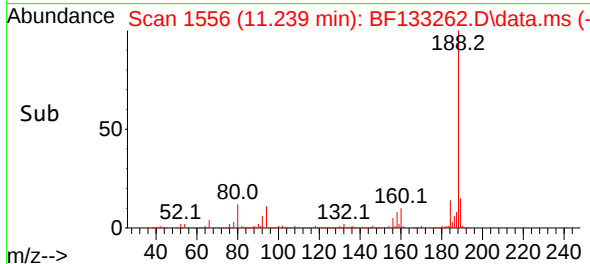
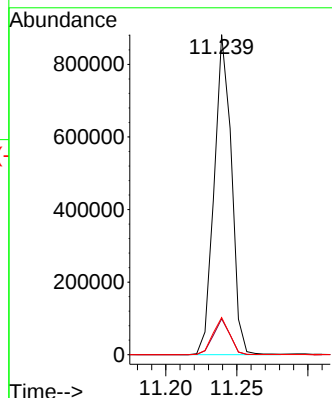
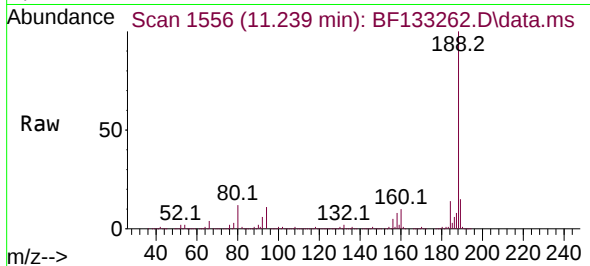




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

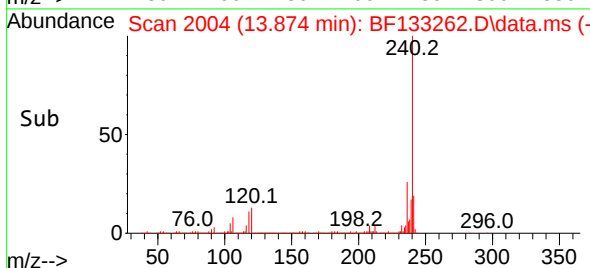
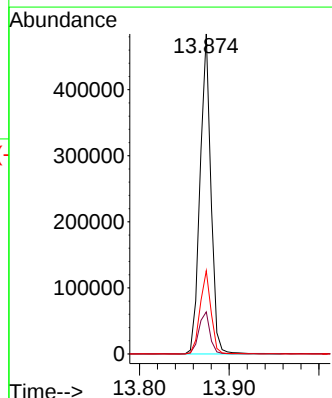
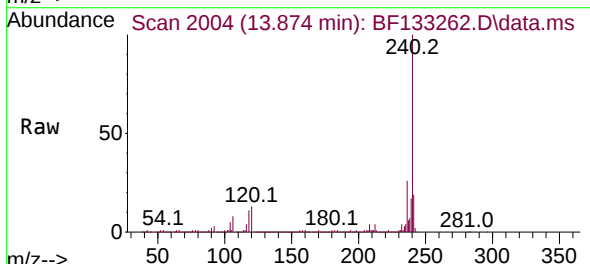
Instrument :
BNA_F
ClientSampleId :
MW-4-20230503

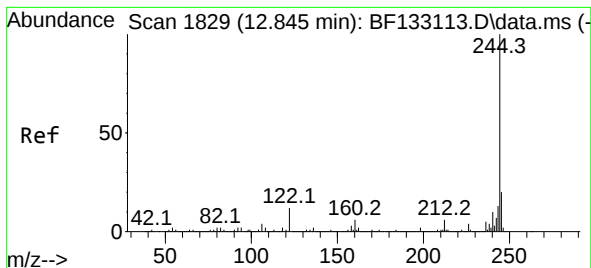
Tgt Ion:188 Resp: 744709
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133262.D
Acq: 05 May 2023 14:00

Tgt Ion:240 Resp: 405900
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.0 21.5 32.3





#79

Terphenyl-d14

Concen: 88.990 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Instrument :

BNA_F

ClientSampleId :

MW-4-20230503

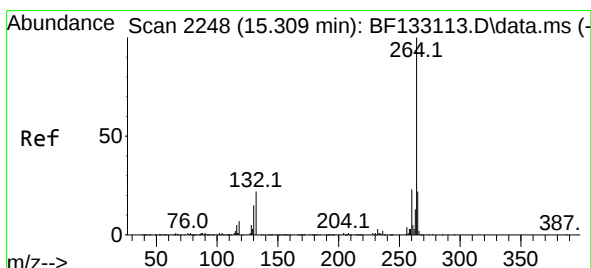
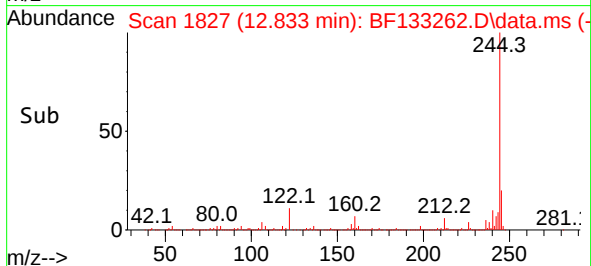
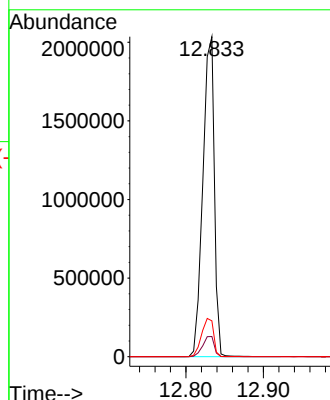
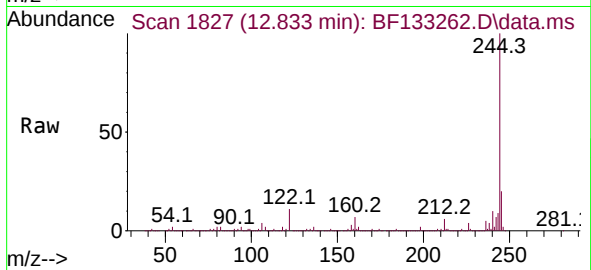
Tgt Ion:244 Resp: 2094375

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133262.D

Acq: 05 May 2023 14:00

Tgt Ion:264 Resp: 378817

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.7 17.0 25.4

