

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133268.D
 Acq On : 05 May 2023 17:43
 Operator : CG\JU
 Sample : 02597-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20230503

Quant Time: May 06 05:50:17 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	200709	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	818537	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	424385	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	775037	20.000	ng	0.00
76) Chrysene-d12	13.874	240	583863	20.000	ng	0.00
86) Perylene-d12	15.292	264	545907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	722716	54.394	ng	0.00
7) Phenol-d6	6.363	99	537349	32.583	ng	0.00
23) Nitrobenzene-d5	7.292	82	1171602	77.259	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	493605	115.652	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1922631	75.793	ng	0.00
79) Terphenyl-d14	12.833	244	2276076	67.233	ng	0.00

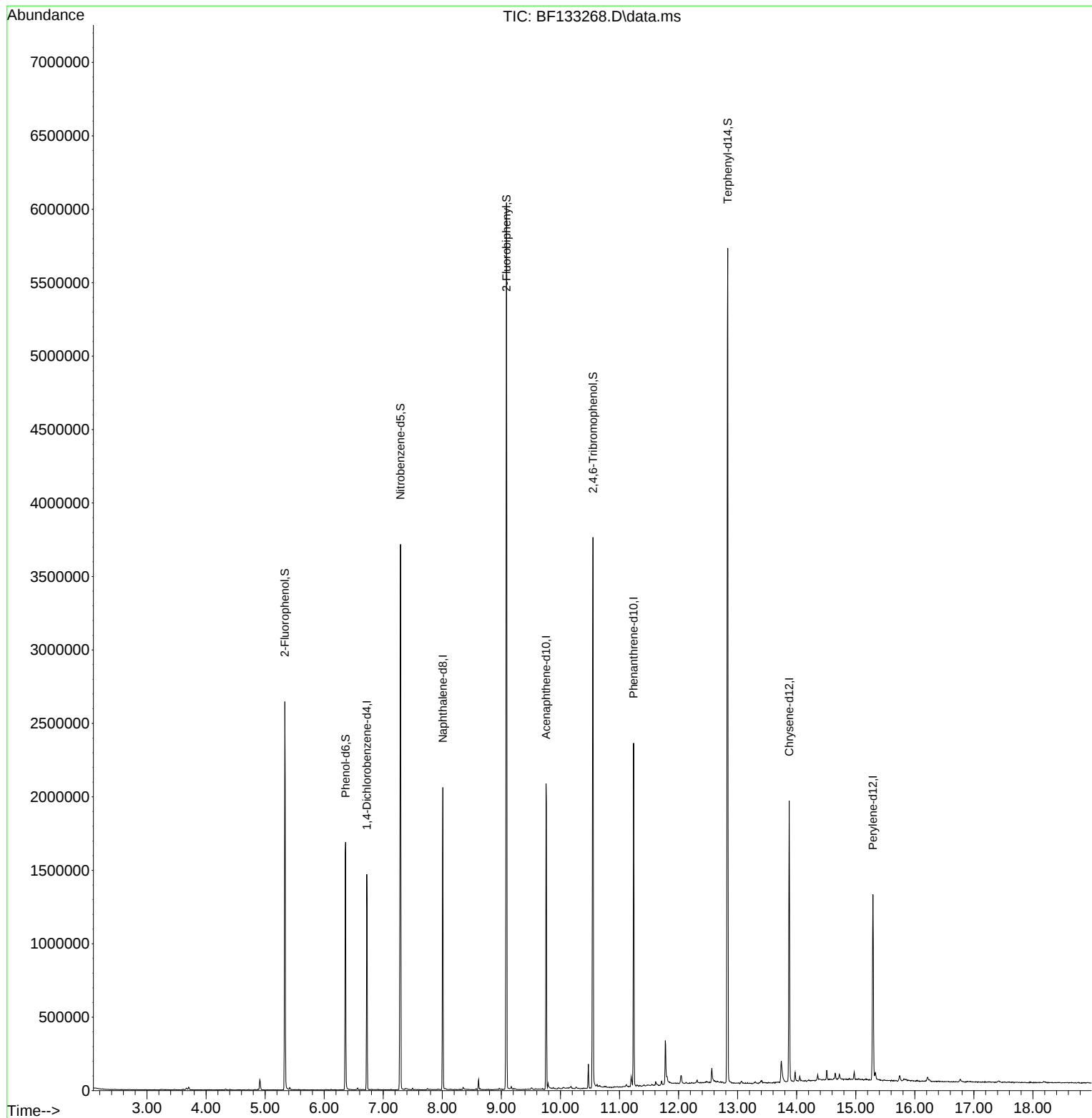
Target Compounds	Qvalue

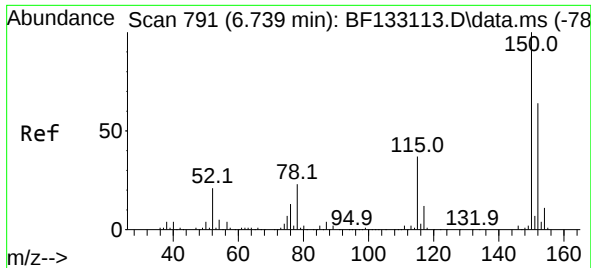
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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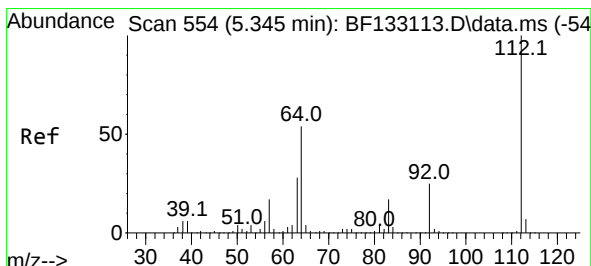
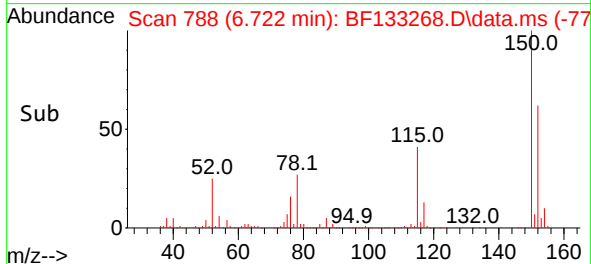
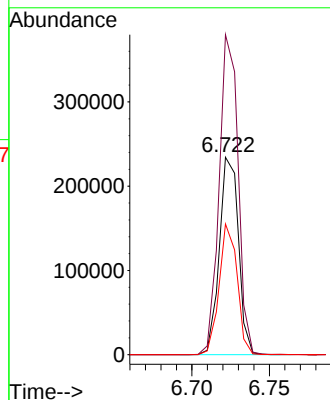
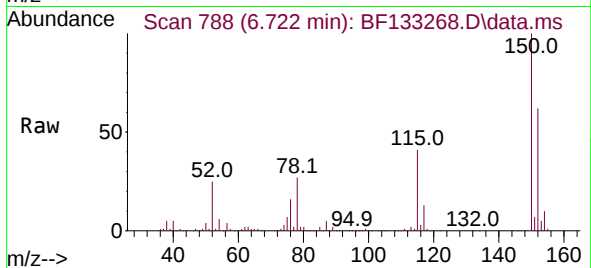




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133268.D
 Acq: 05 May 2023 17:43

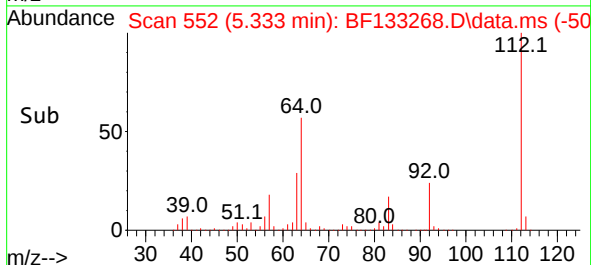
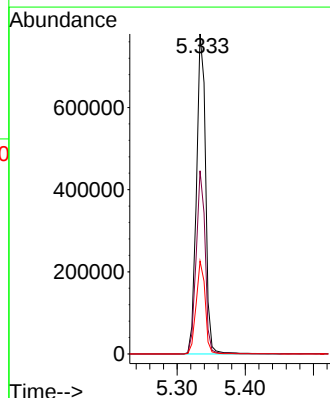
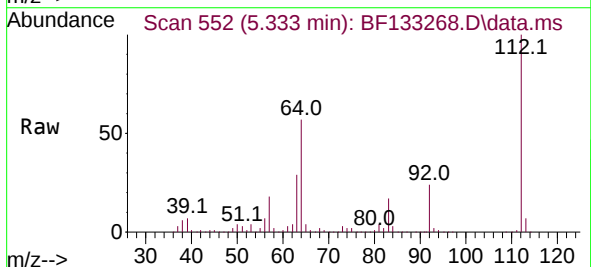
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20230503

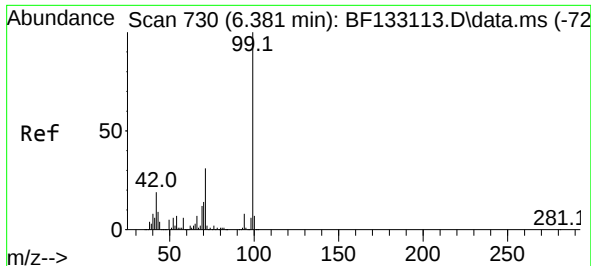
Tgt Ion:152 Resp: 200709
 Ion Ratio Lower Upper
 152 100
 150 162.1 124.8 187.2
 115 66.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 54.394 ng
 RT: 5.333 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: BF133268.D
 Acq: 05 May 2023 17:43

Tgt Ion:112 Resp: 722716
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.8 70.2
 63 29.0 23.8 35.8

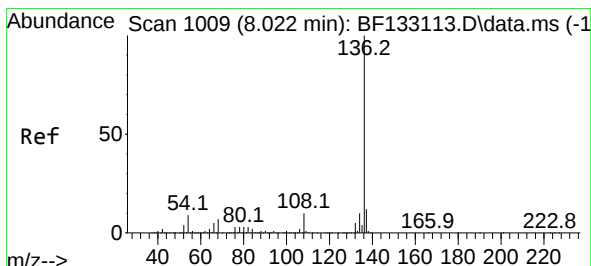
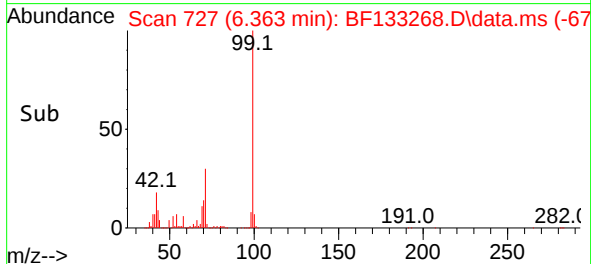
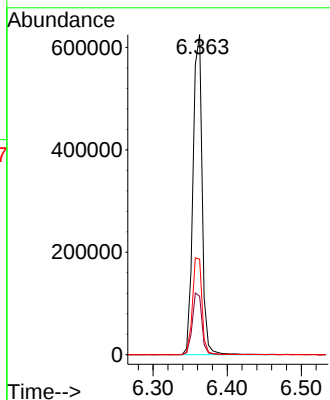
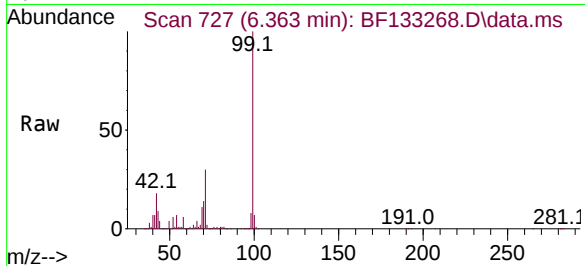




#7
Phenol-d6
Concen: 32.583 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

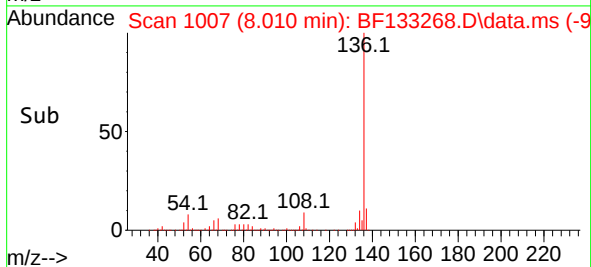
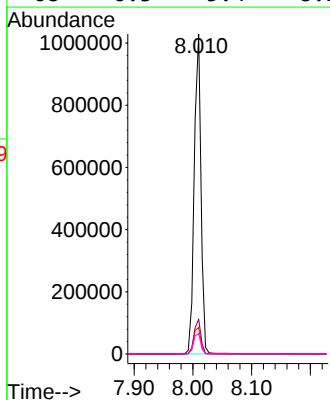
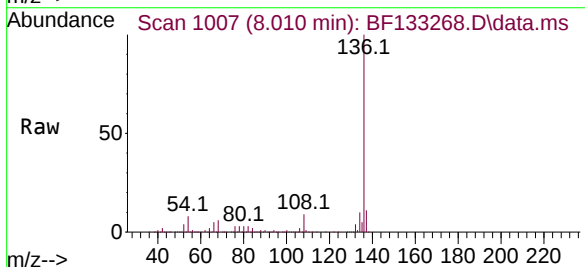
Instrument :
BNA_F
ClientSampleId :
MW-2-20230503

Tgt Ion: 99 Resp: 537349
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 29.9 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: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion: 136 Resp: 818537
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.259 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Instrument :

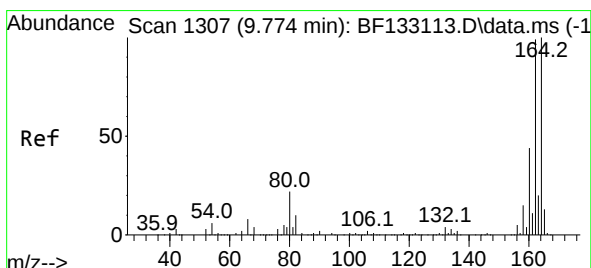
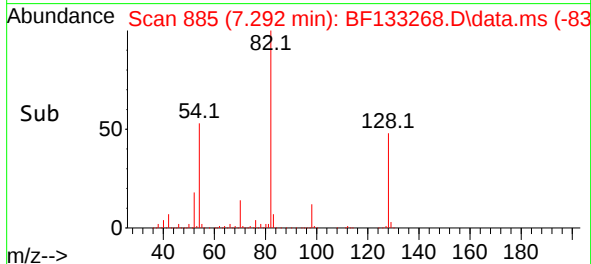
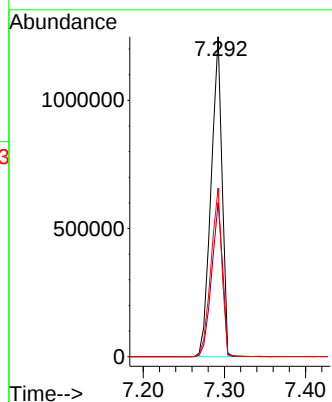
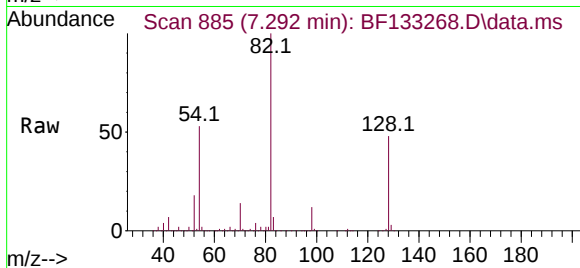
BNA_F

ClientSampleId :

MW-2-20230503

Tgt Ion: 82 Resp: 1171602

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	52.7	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

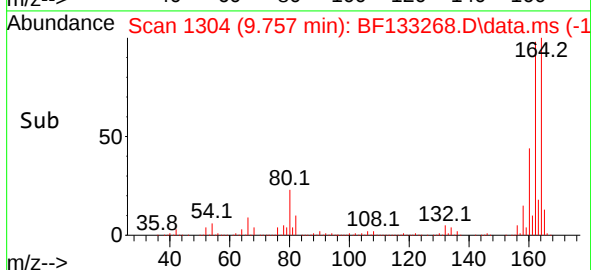
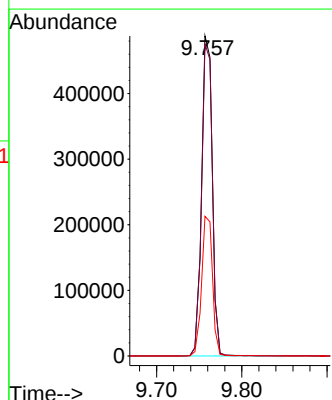
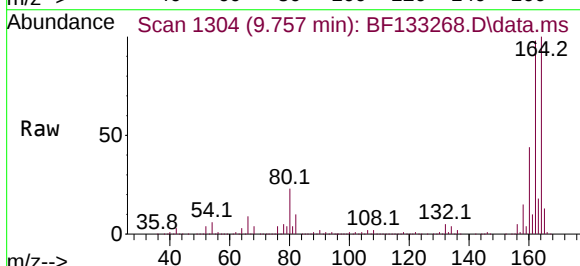
Delta R.T. -0.006 min

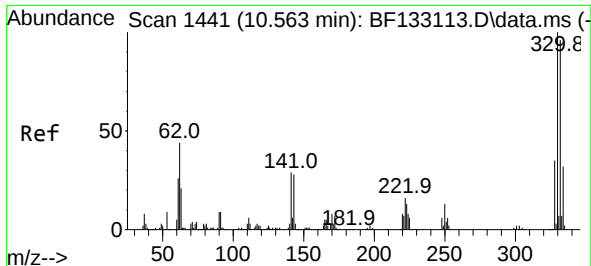
Lab File: BF133268.D

Acq: 05 May 2023 17:43

Tgt Ion: 164 Resp: 424385

Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.7	118.1
160	43.7	35.8	53.6

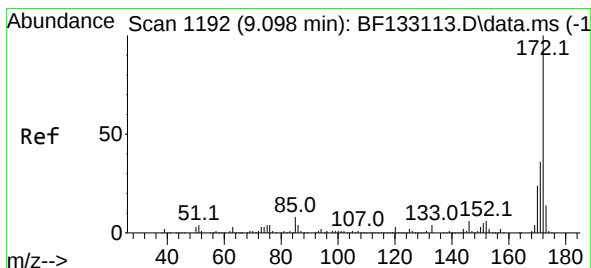
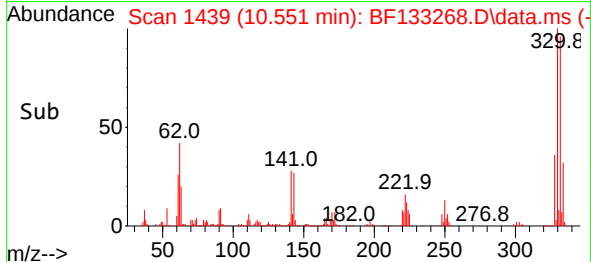
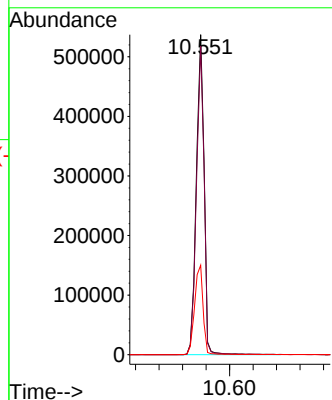
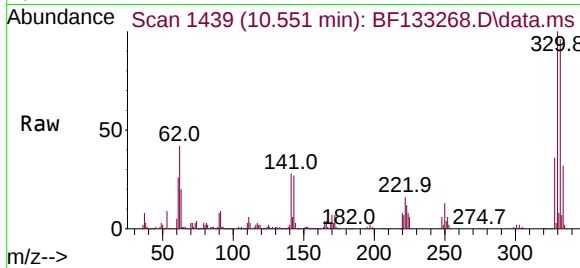




#42
2,4,6-Tribromophenol
Concen: 115.652 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

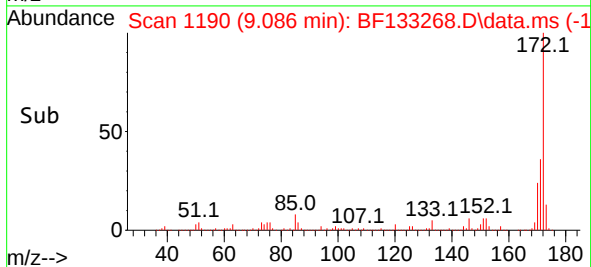
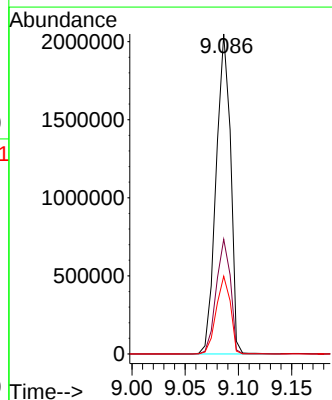
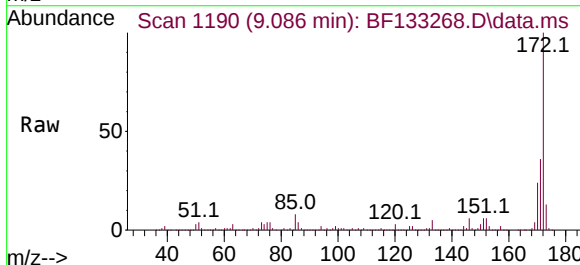
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ClientSampleId :
MW-2-20230503

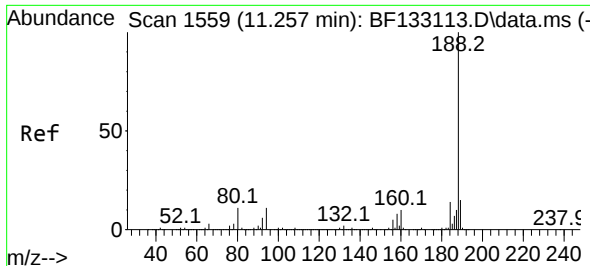
Tgt Ion: 330 Resp: 493605
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.793 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion: 172 Resp: 1922631
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.4 29.2

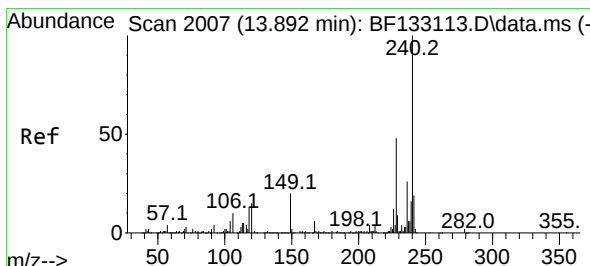
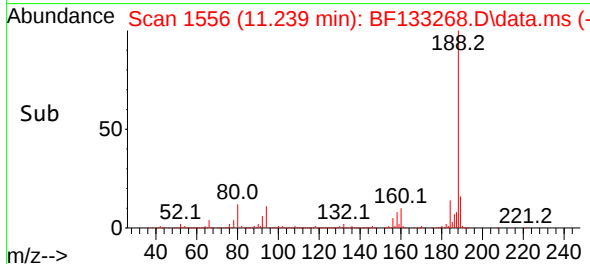
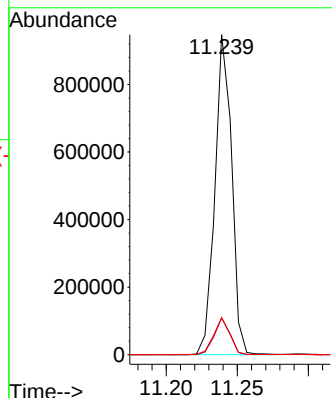
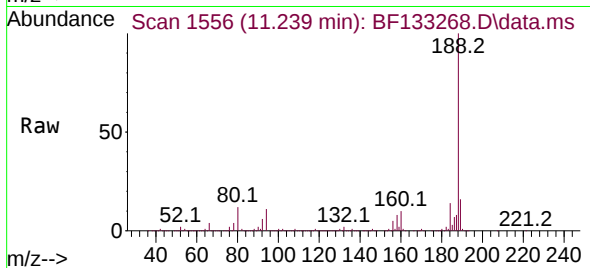




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

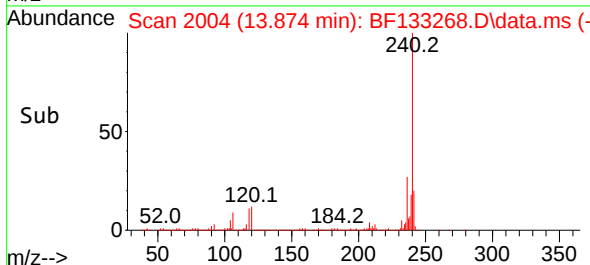
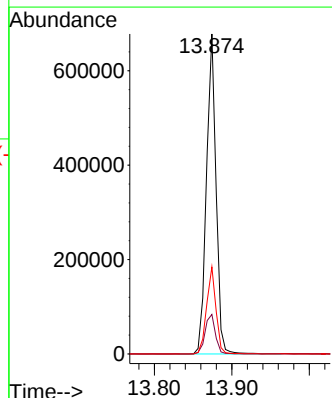
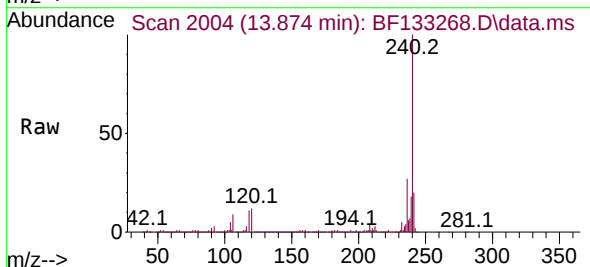
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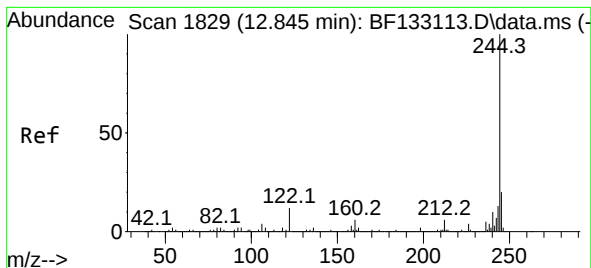
Tgt Ion:188 Resp: 775037
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion:240 Resp: 583863
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 27.2 21.5 32.3





#79

Terphenyl-d14

Concen: 67.233 ng

RT: 12.833 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Instrument :

BNA_F

ClientSampleId :

MW-2-20230503

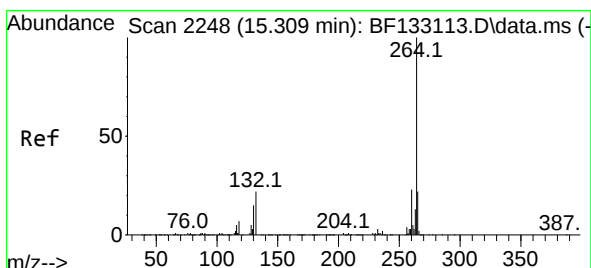
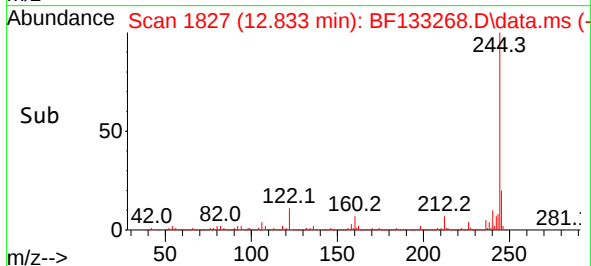
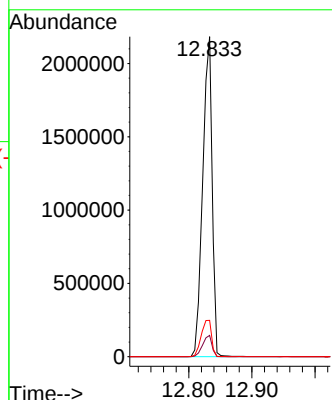
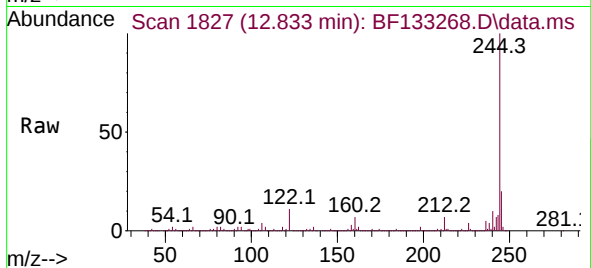
Tgt Ion:244 Resp: 2276076

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.4 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: BF133268.D

Acq: 05 May 2023 17:43

Tgt Ion:264 Resp: 545907

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.2 17.0 25.4

