

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133182.D
 Acq On : 02 May 2023 11:39
 Operator : CG\JU
 Sample : 02521-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-1

Quant Time: May 03 06:17:44 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 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	217825	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	867706	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	448217	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	782429	20.000	ng	0.00
76) Chrysene-d12	13.886	240	465239	20.000	ng	0.00
86) Perylene-d12	15.304	264	390223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	965783	66.977	ng	0.00
7) Phenol-d6	6.363	99	732248	40.913	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1397459	86.931	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	579848	128.636	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2288051	85.403	ng	0.00
79) Terphenyl-d14	12.839	244	2436044	90.306	ng	0.00

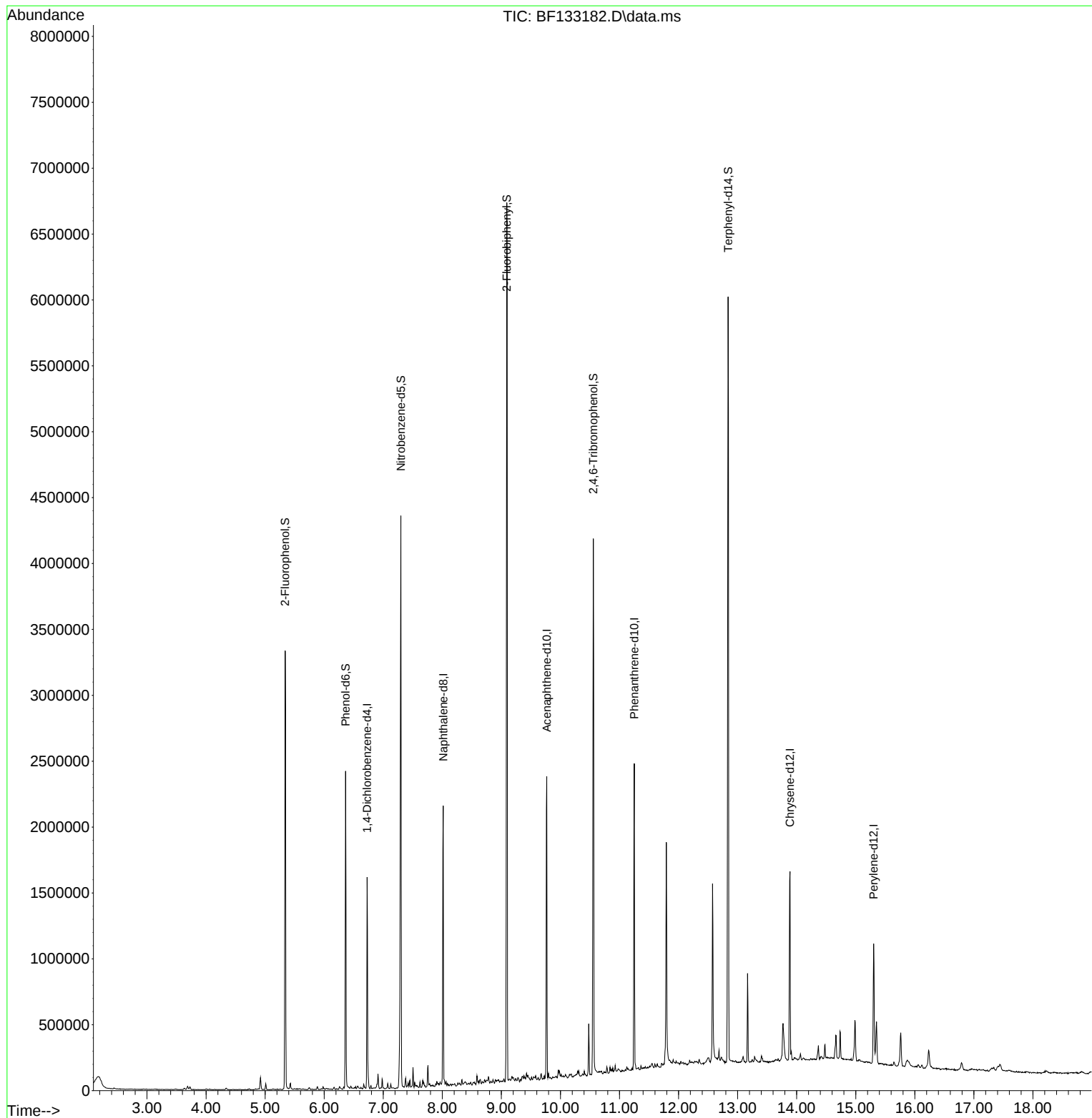
Target Compounds	Qvalue

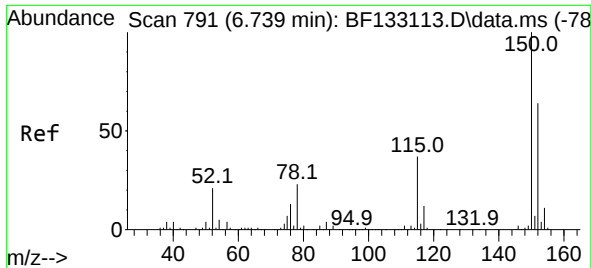
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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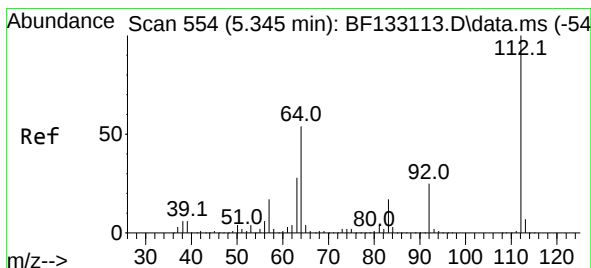
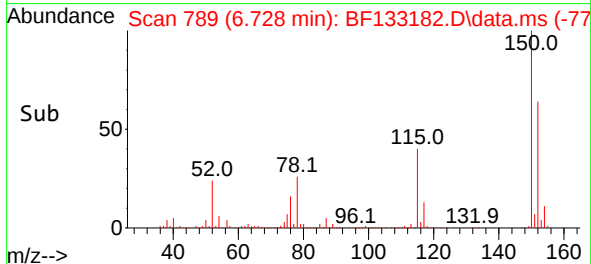
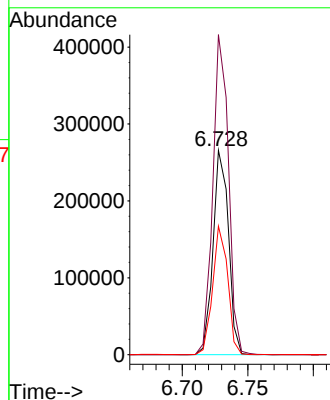
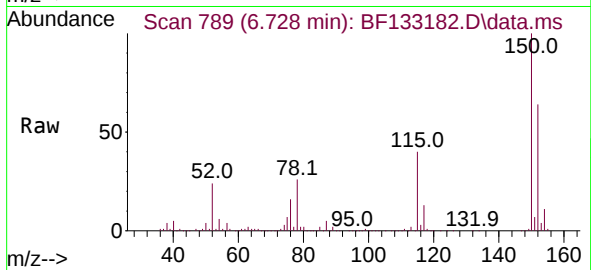




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133182.D
 Acq: 02 May 2023 11:39

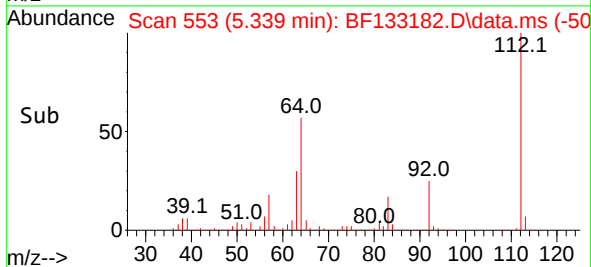
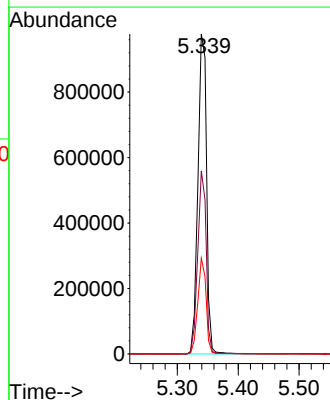
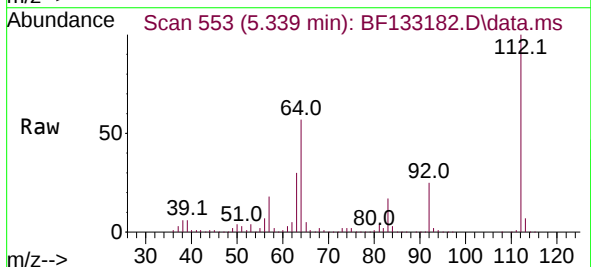
Instrument :
 BNA_F
 ClientSampleId :
 GMW-1

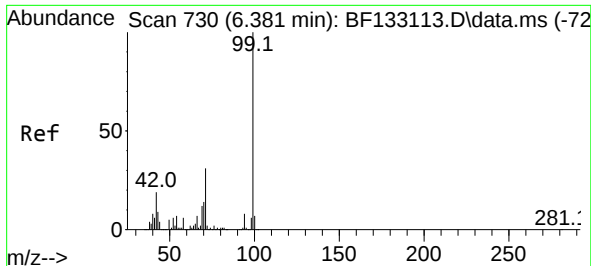
Tgt Ion:152 Resp: 217825
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.8 187.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 66.977 ng
 RT: 5.339 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133182.D
 Acq: 02 May 2023 11:39

Tgt Ion:112 Resp: 965783
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.8 70.2
 63 29.9 23.8 35.8

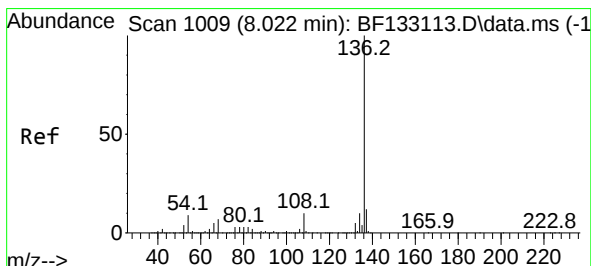
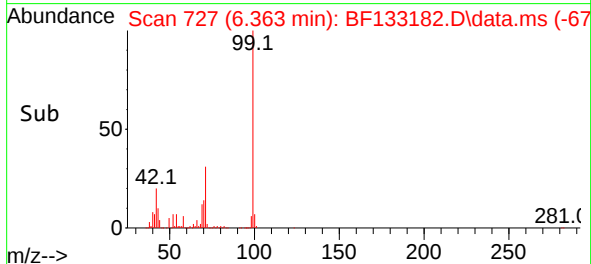
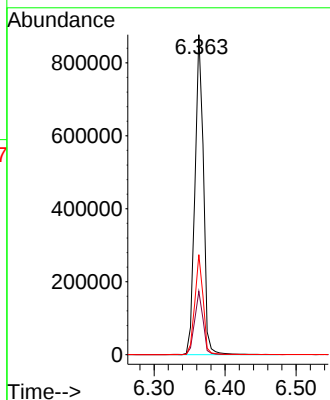
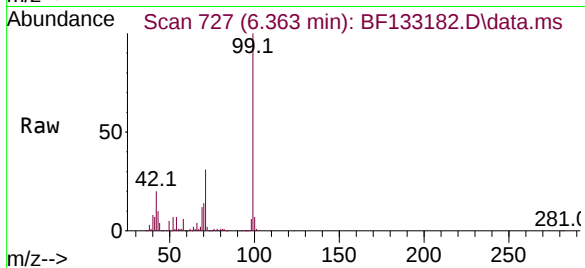




#7
Phenol-d6
Concen: 40.913 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

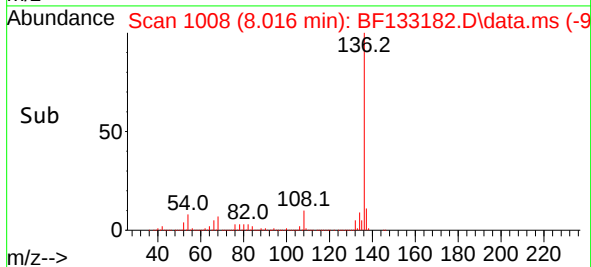
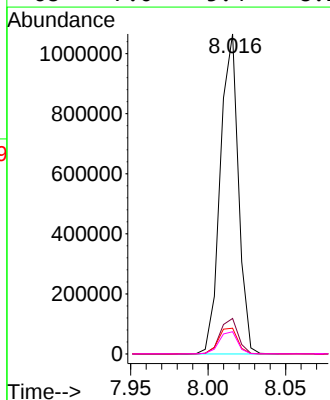
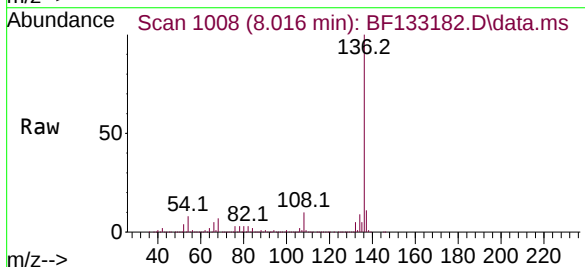
Instrument :
BNA_F
ClientSampleId :
GMW-1

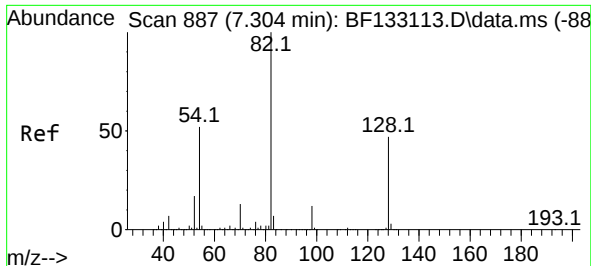
Tgt Ion: 99 Resp: 732248
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion: 136 Resp: 867706
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.931 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

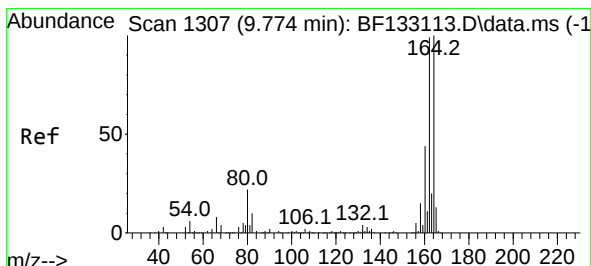
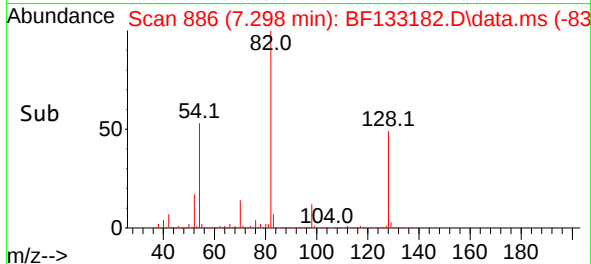
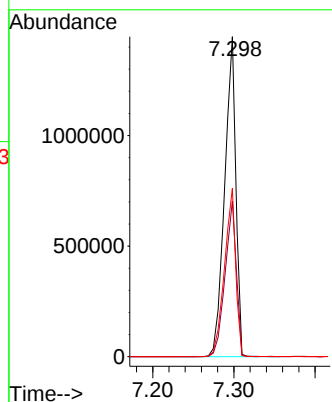
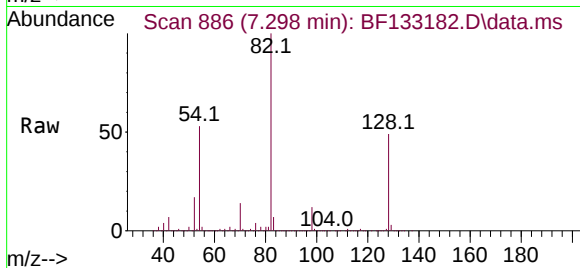
BNA_F

ClientSampleId :

GMW-1

Tgt Ion: 82 Resp: 1397459

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	52.6	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

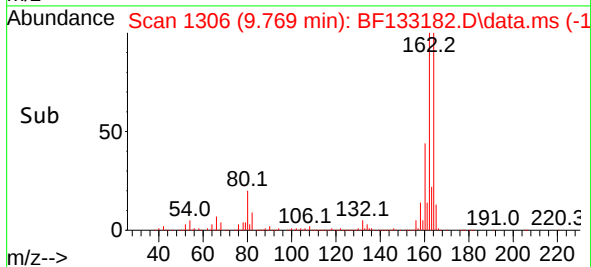
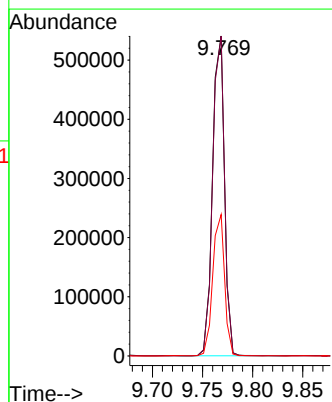
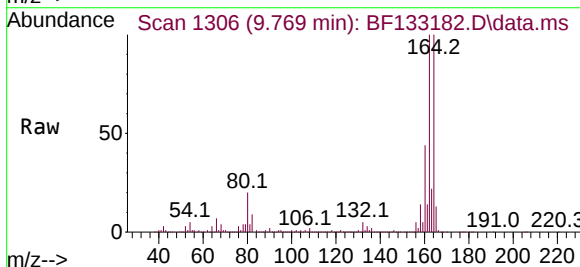
Delta R.T. -0.000 min

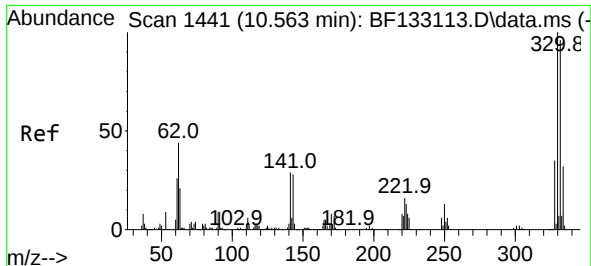
Lab File: BF133182.D

Acq: 02 May 2023 11:39

Tgt Ion:164 Resp: 448217

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	44.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 128.636 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

BNA_F

ClientSampleId :

GMW-1

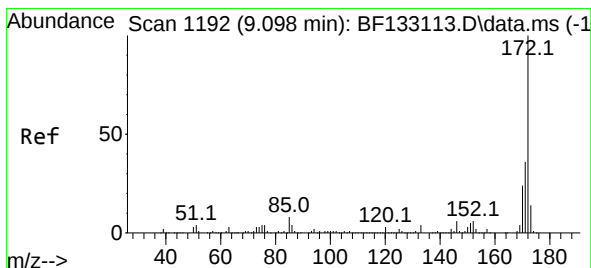
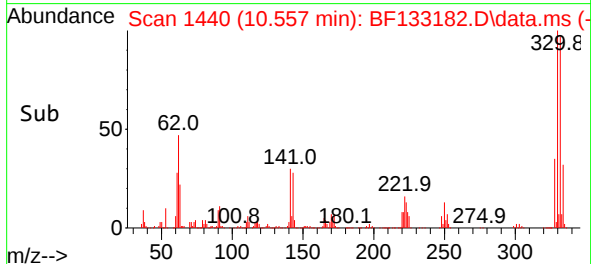
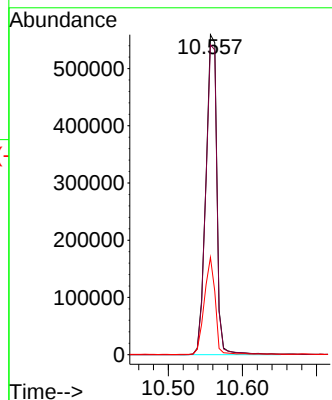
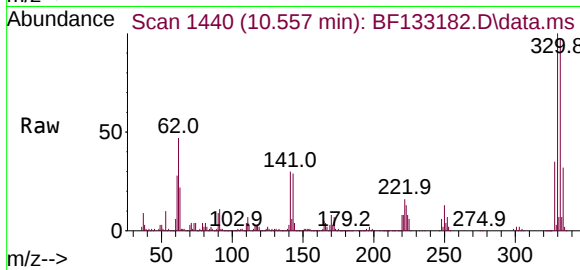
Tgt Ion:330 Resp: 579848

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 30.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.403 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

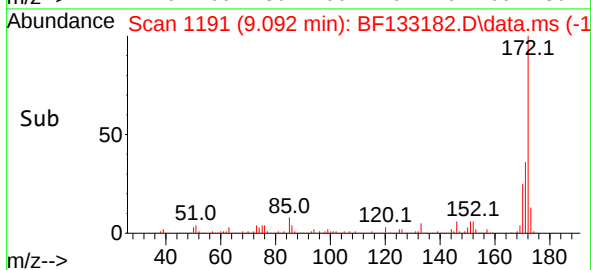
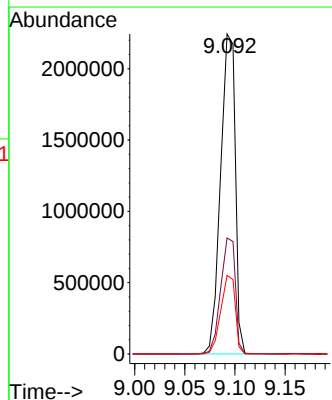
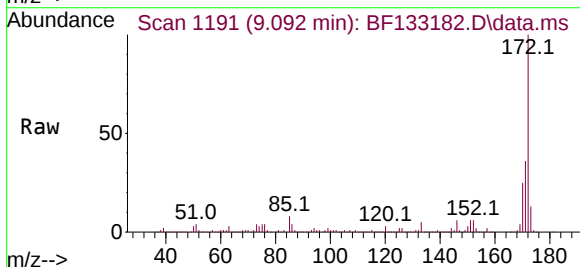
Tgt Ion:172 Resp: 2288051

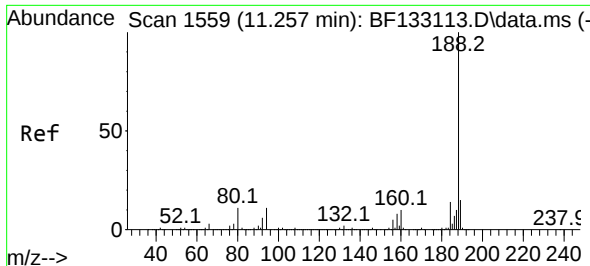
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.6 19.4 29.2

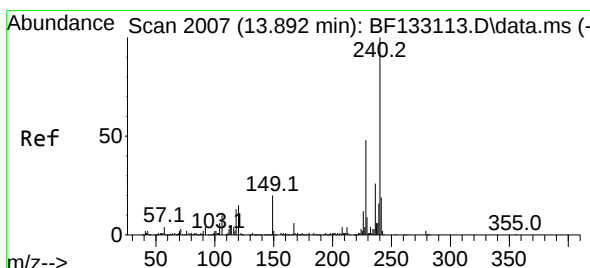
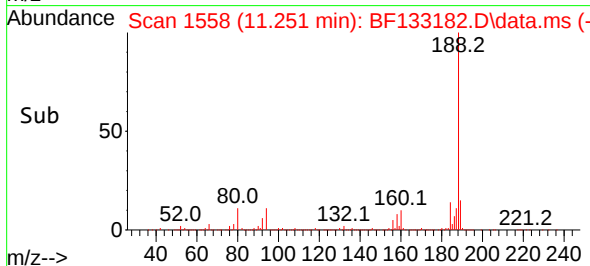
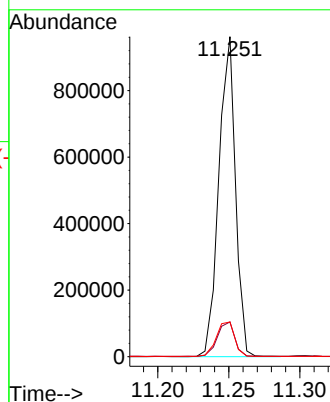
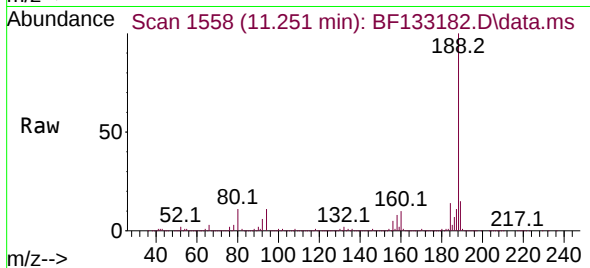




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

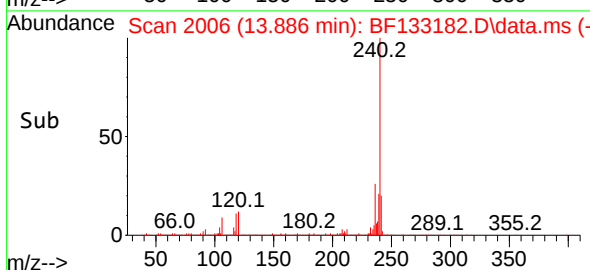
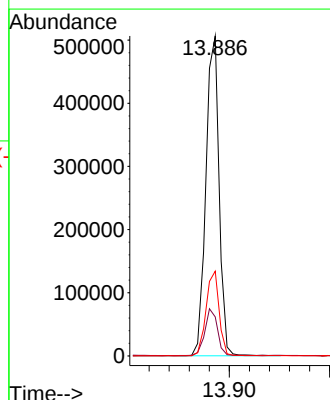
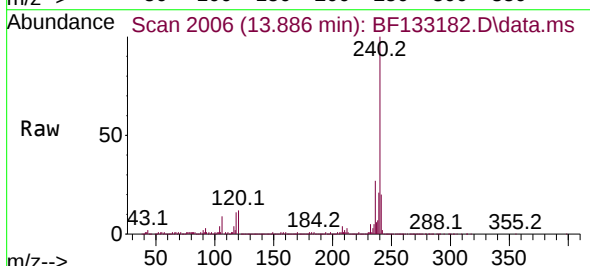
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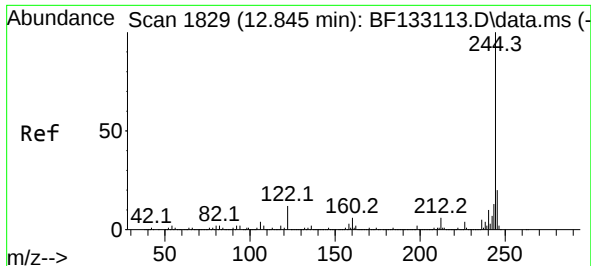
Tgt Ion:188 Resp: 782429
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 10.8 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion:240 Resp: 465239
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 26.5 21.5 32.3

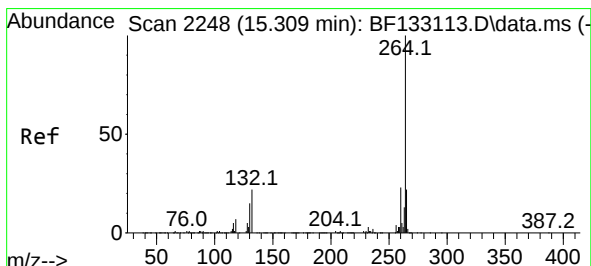
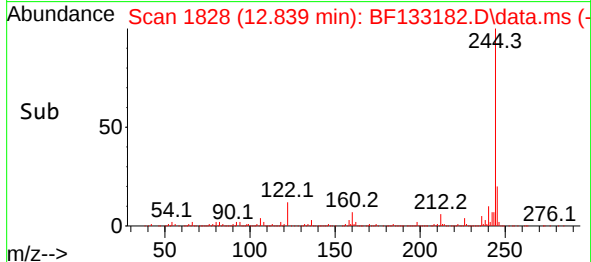
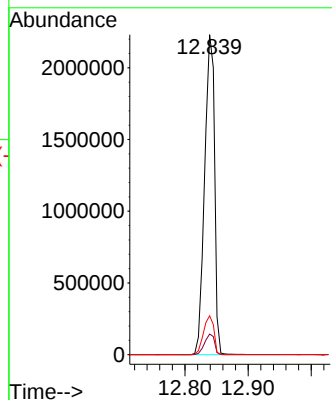
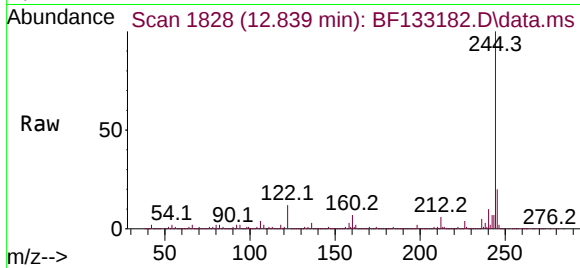




#79
 Terphenyl-d14
 Concen: 90.306 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BF133182.D
 Acq: 02 May 2023 11:39

Instrument :
 BNA_F
 ClientSampleId :
 GMW-1

Tgt Ion:244 Resp: 2436044
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133182.D
 Acq: 02 May 2023 11:39

Tgt Ion:264 Resp: 390223
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.6 17.0 25.4

