

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133209.D
 Acq On : 03 May 2023 16:11
 Operator : CG\JU
 Sample : 02583-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-24

Quant Time: May 03 17:08:44 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 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	190475	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	777663	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	398552	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	642739	20.000	ng	0.00
76) Chrysene-d12	13.880	240	340932	20.000	ng	-0.01
86) Perylene-d12	15.298	264	409085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1223798	97.056	ng	0.00
7) Phenol-d6	6.369	99	1502453	96.000	ng	0.00
23) Nitrobenzene-d5	7.293	82	917625	63.691	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	122080	30.458	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1616169	67.842	ng	0.00
79) Terphenyl-d14	12.833	244	1324103	66.982	ng	0.00

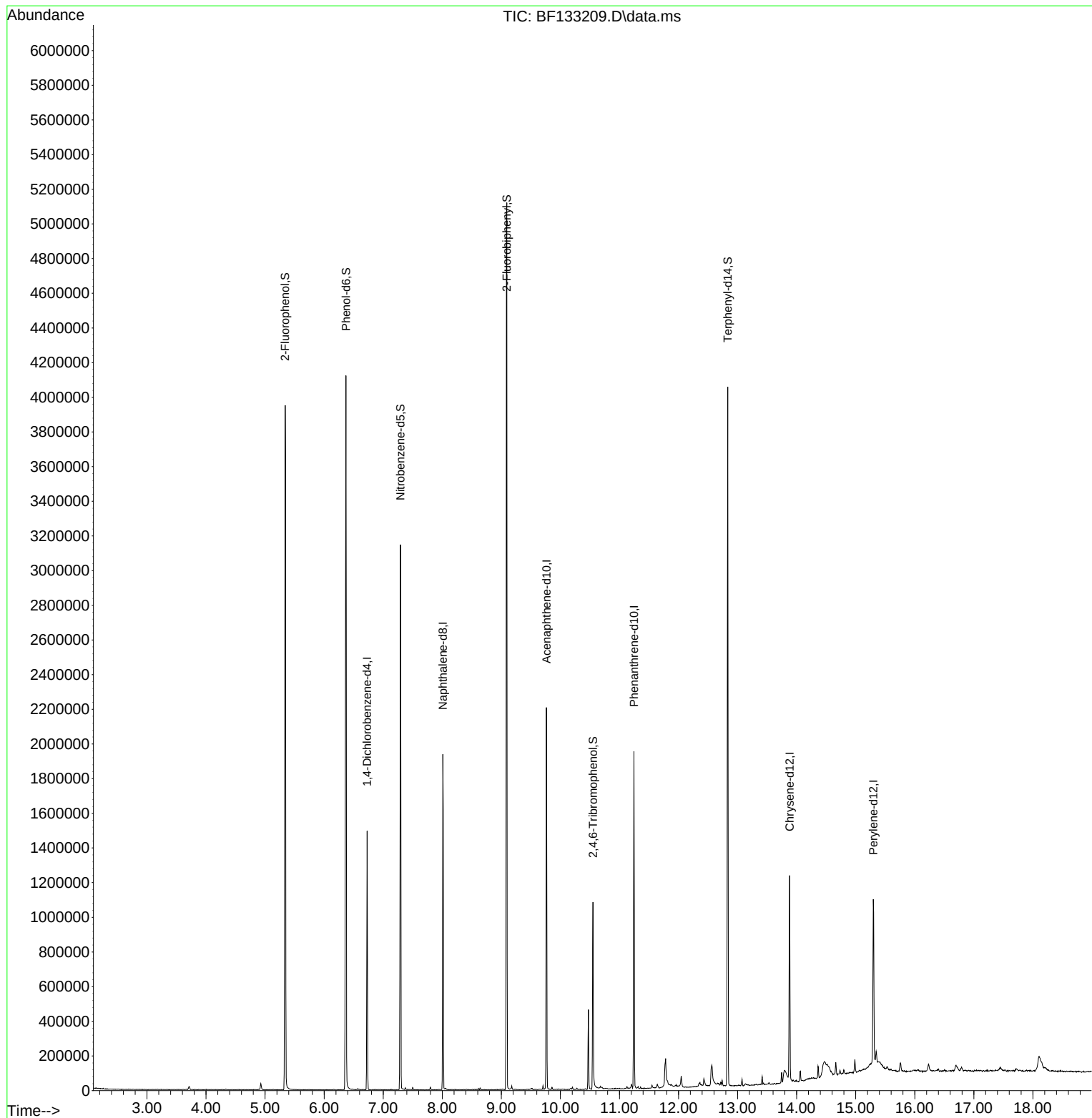
Target Compounds	Qvalue

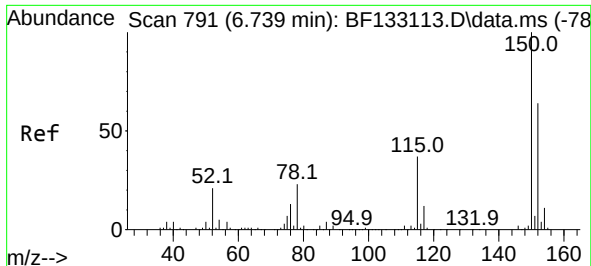
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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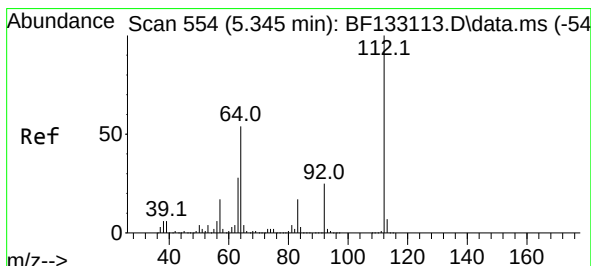
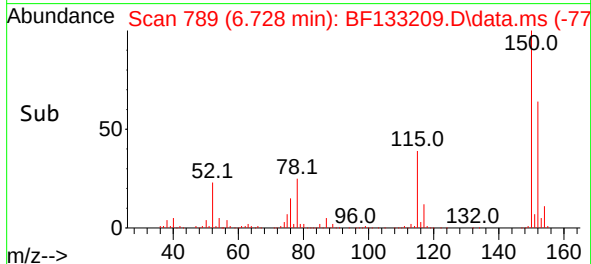
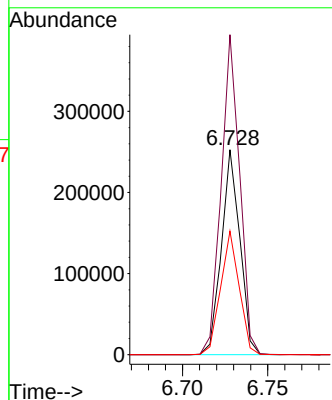
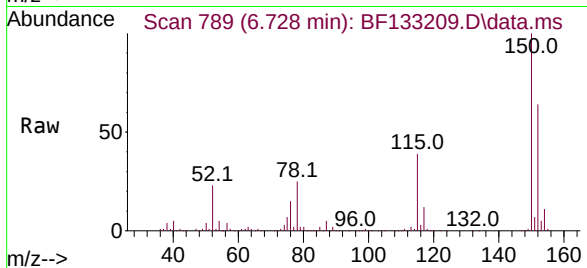




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133209.D
 Acq: 03 May 2023 16:11

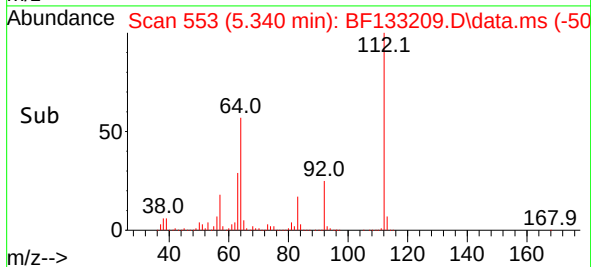
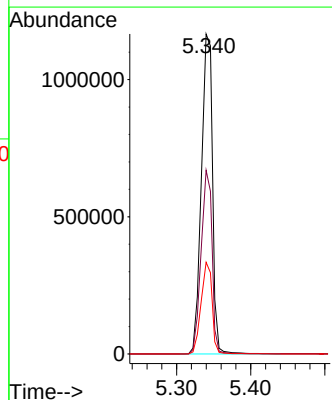
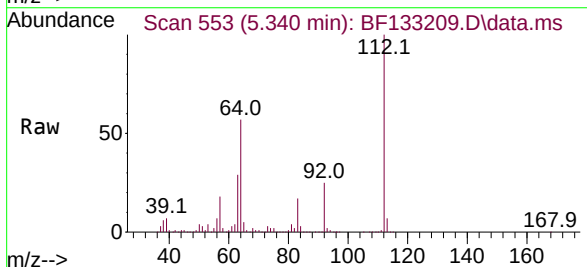
Instrument :
 BNA_F
 ClientSampleId :
 CF-24

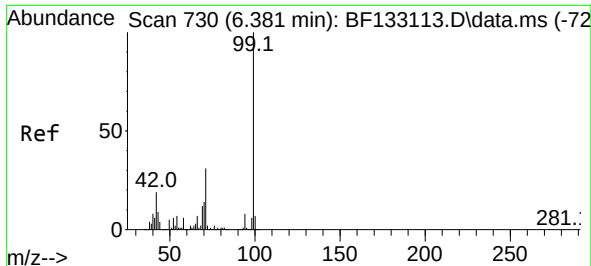
Tgt Ion:152 Resp: 190475
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 60.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.056 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133209.D
 Acq: 03 May 2023 16:11

Tgt Ion:112 Resp: 1223798
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.8 70.2
 63 28.7 23.8 35.8

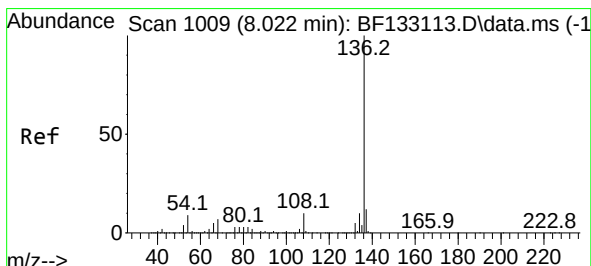
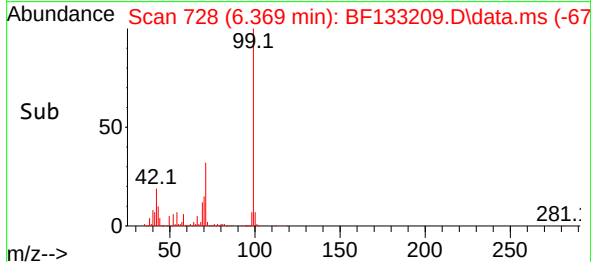
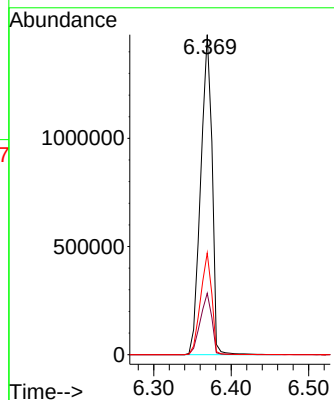
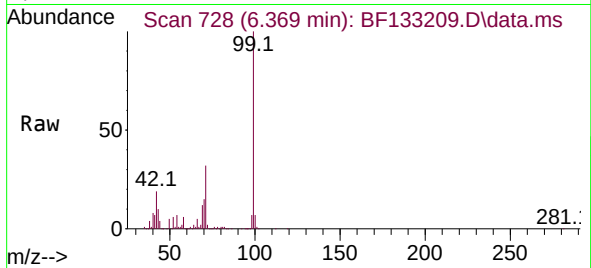




#7
Phenol-d6
Concen: 96.000 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

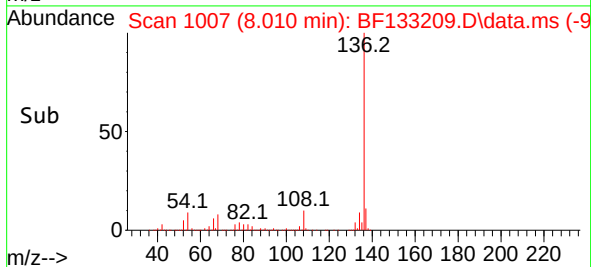
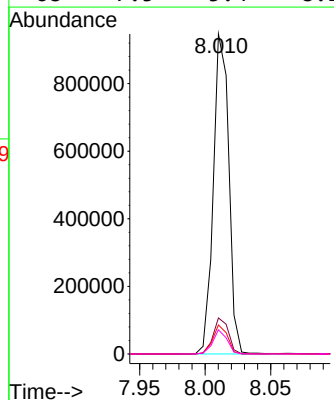
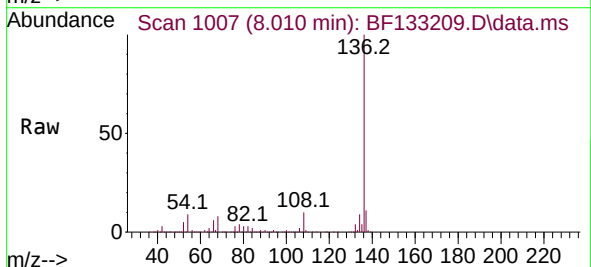
Instrument :
BNA_F
ClientSampleId :
CF-24

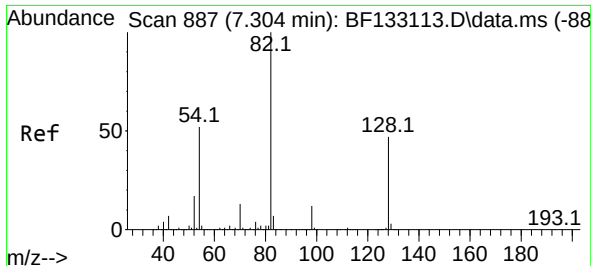
Tgt Ion: 99 Resp: 1502453
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion: 136 Resp: 777663
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.1 7.0 10.4
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 63.691 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133209.D

Acq: 03 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

CF-24

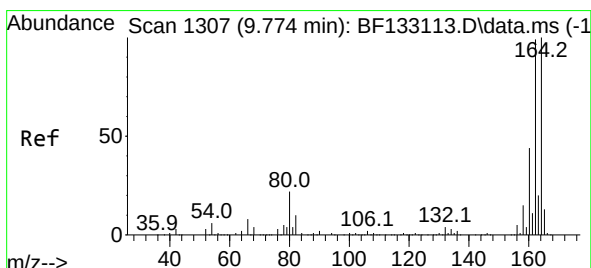
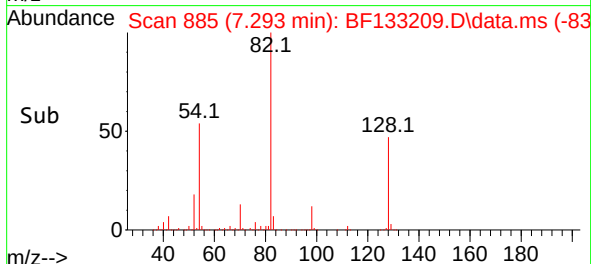
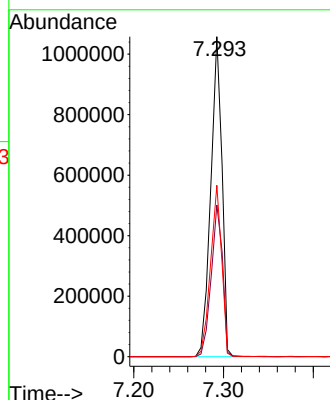
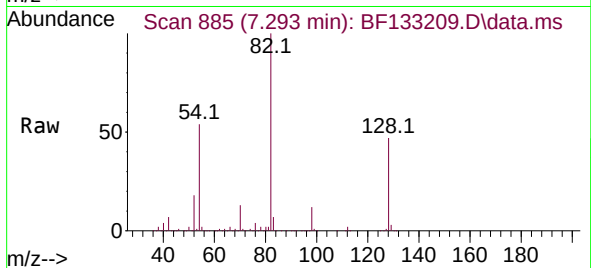
Tgt Ion: 82 Resp: 917625

Ion Ratio Lower Upper

82 100

128 47.4 37.7 56.5

54 53.5 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: BF133209.D

Acq: 03 May 2023 16:11

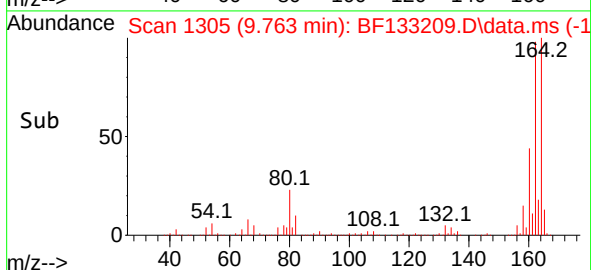
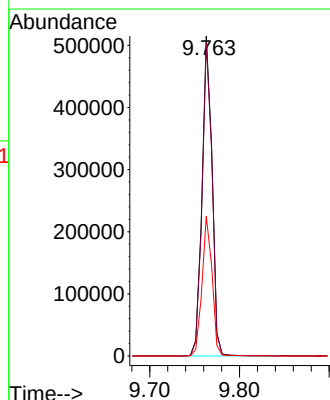
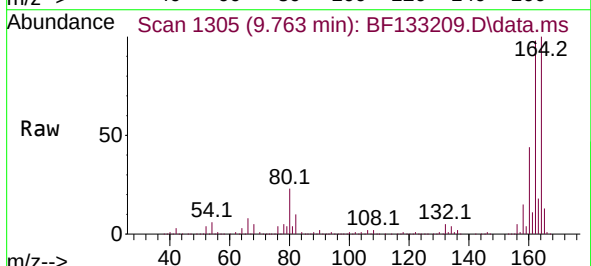
Tgt Ion:164 Resp: 398552

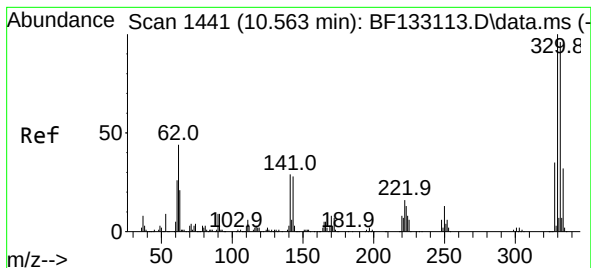
Ion Ratio Lower Upper

164 100

162 98.0 78.7 118.1

160 43.7 35.8 53.6

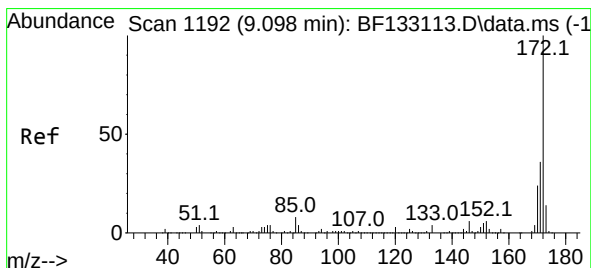
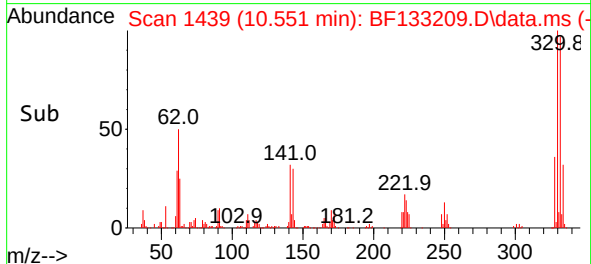
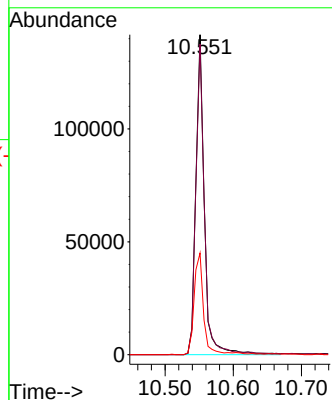
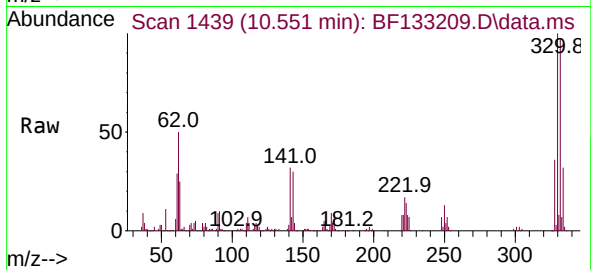




#42
2,4,6-Tribromophenol
Concen: 30.458 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

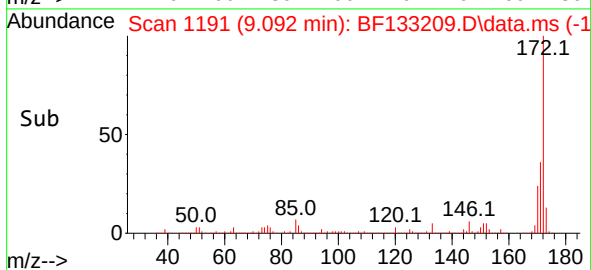
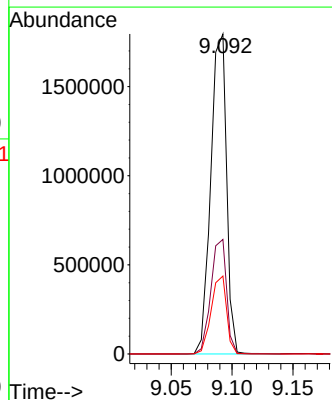
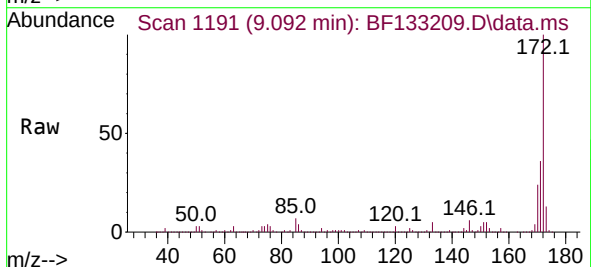
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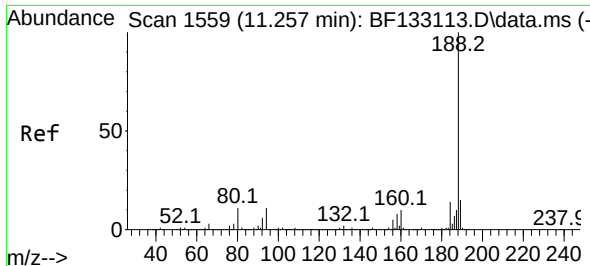
Tgt Ion: 330 Resp: 122080
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 35.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.842 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion: 172 Resp: 1616169
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.4 19.4 29.2

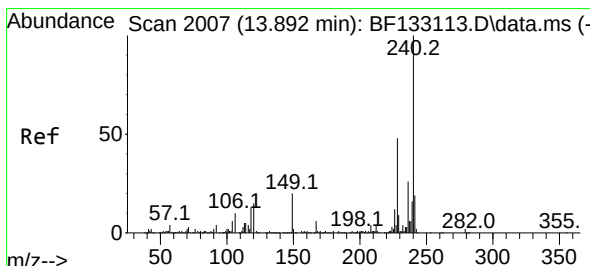
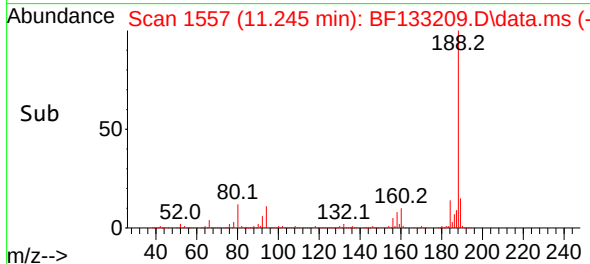
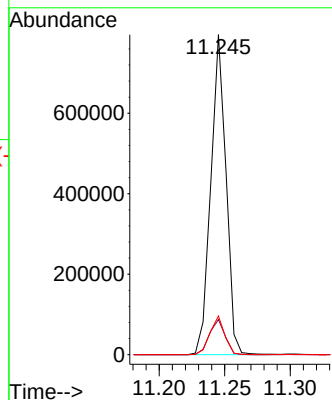
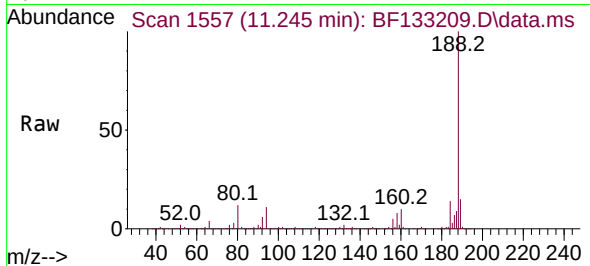




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

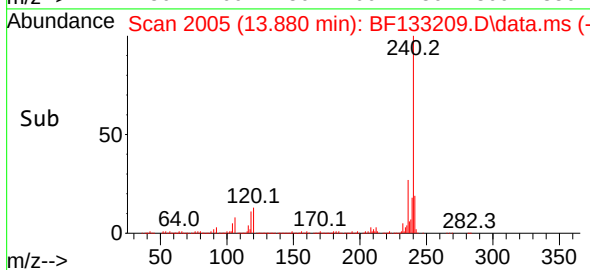
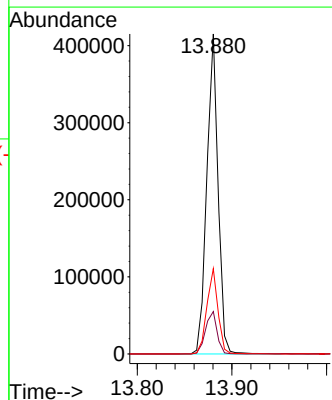
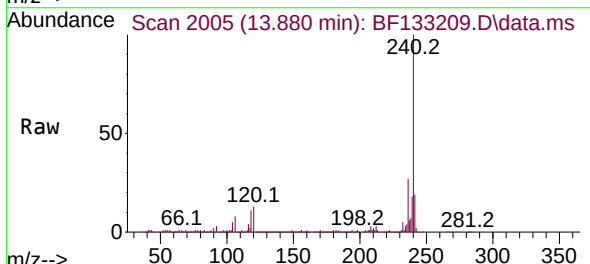
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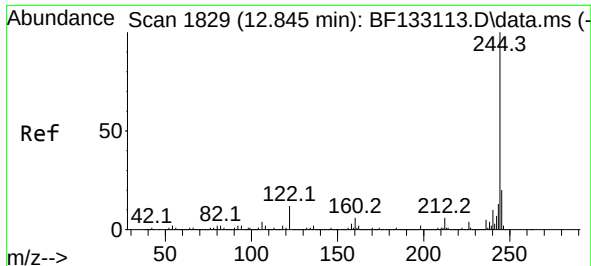
Tgt Ion:188 Resp: 642739
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

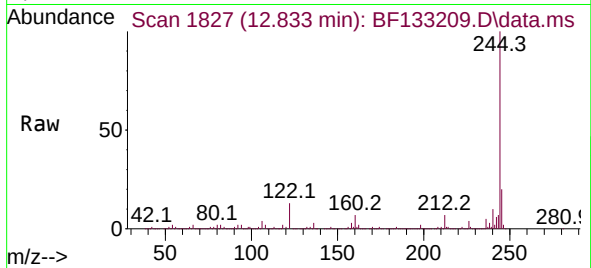
Tgt Ion:240 Resp: 340932
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 26.6 21.5 32.3



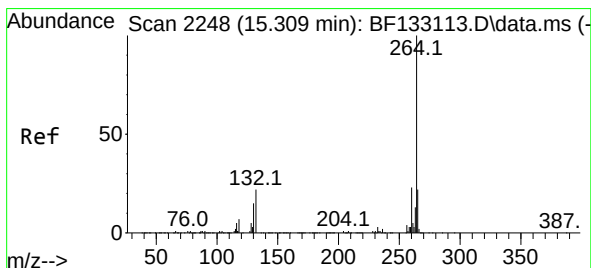
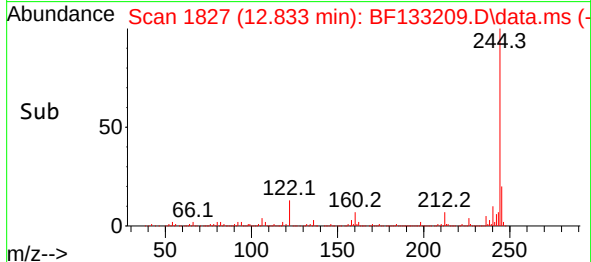
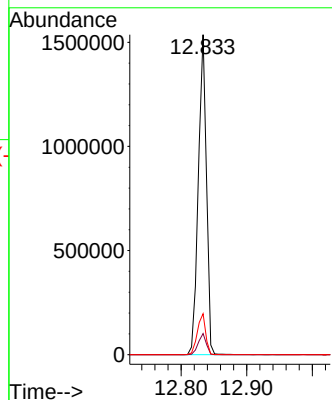


#79
 Terphenyl-d14
 Concen: 66.982 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133209.D
 Acq: 03 May 2023 16:11

Instrument :
 BNA_F
 ClientSampleId :
 CF-24



Tgt Ion:244 Resp: 1324103
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.8 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: BF133209.D
 Acq: 03 May 2023 16:11

Tgt Ion:264 Resp: 409085
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.0 17.0 25.4

