

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133355.D
 Acq On : 11 May 2023 15:28
 Operator : CG\JU
 Sample : 02743-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 11 16:43:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	172090	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	680333	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	346325	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	625370	20.000	ng	0.00
76) Chrysene-d12	13.868	240	370716	20.000	ng	-0.01
86) Perylene-d12	15.286	264	409789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	841678	73.883	ng	0.00
7) Phenol-d6	6.363	99	1013751	71.694	ng	0.00
23) Nitrobenzene-d5	7.281	82	597911	47.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	238263	68.408	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1073220	51.844	ng	0.00
79) Terphenyl-d14	12.821	244	1060467	49.336	ng	0.00

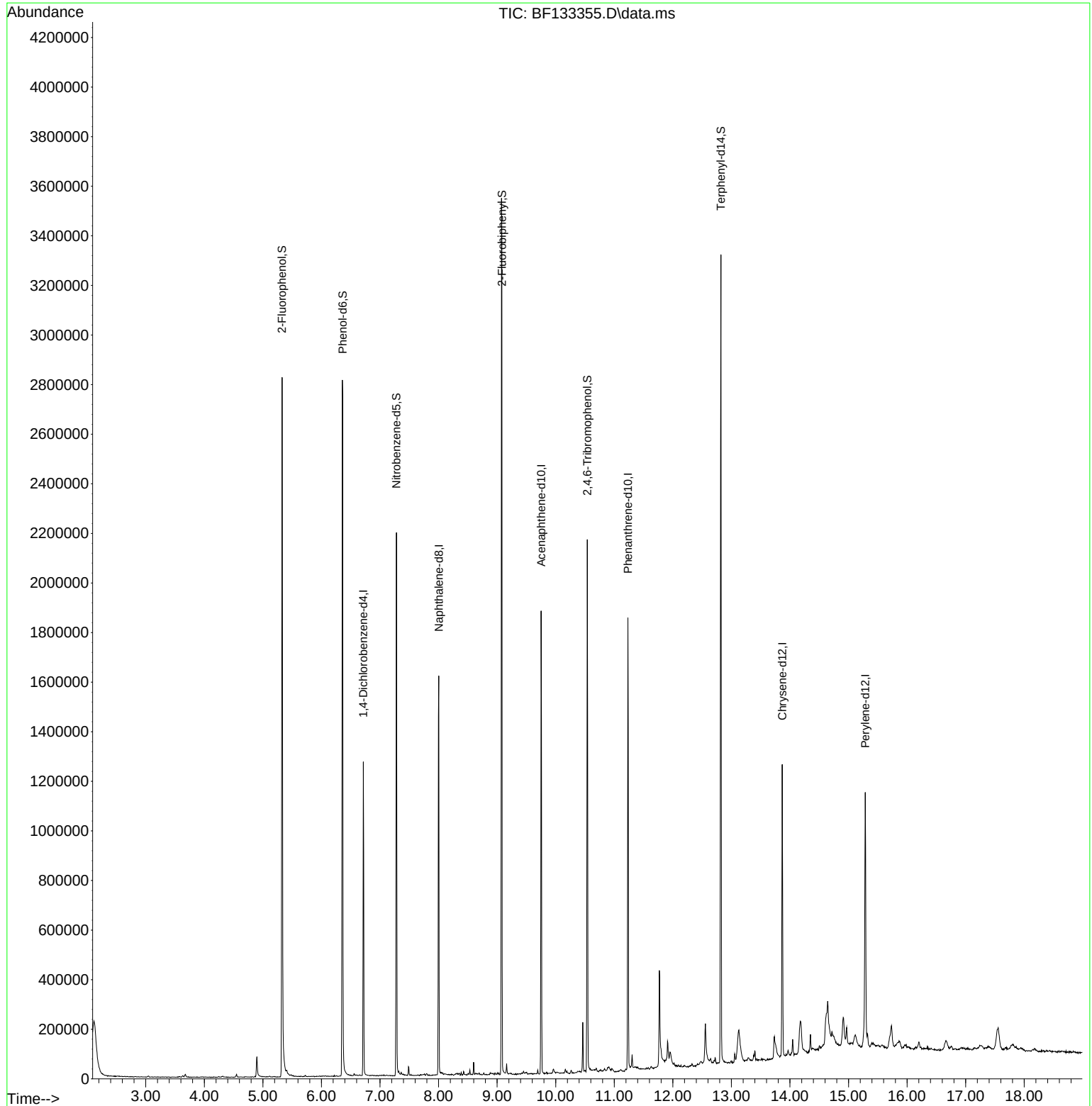
Target Compounds	Qvalue

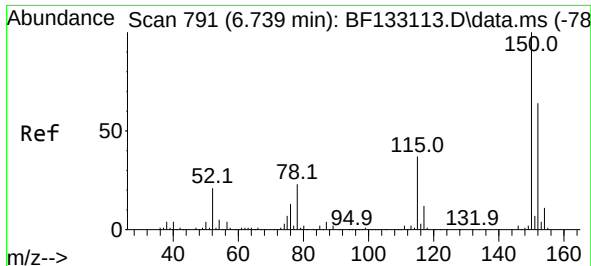
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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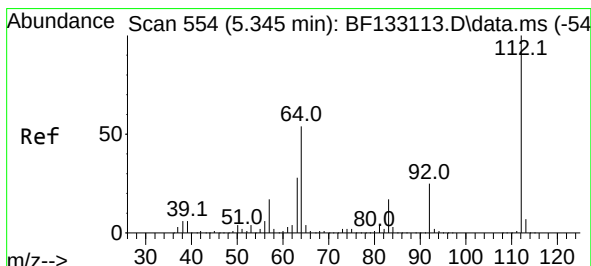
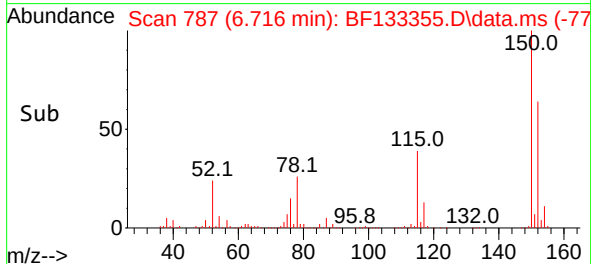
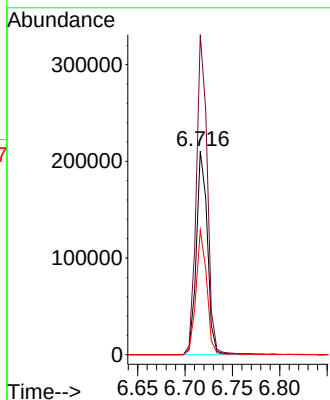
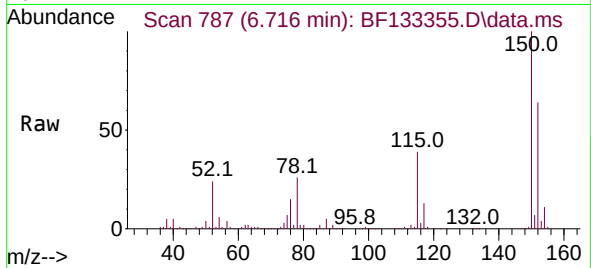




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

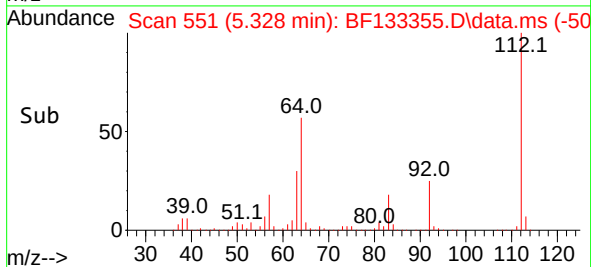
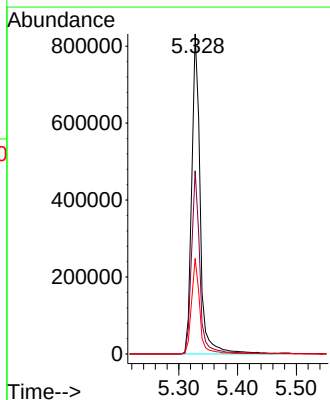
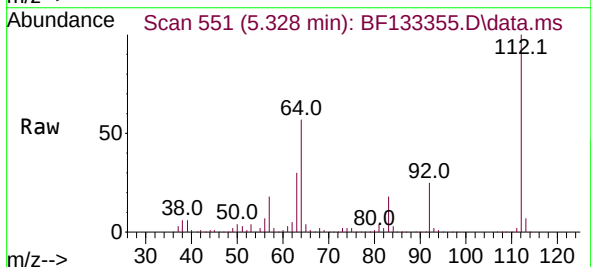
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

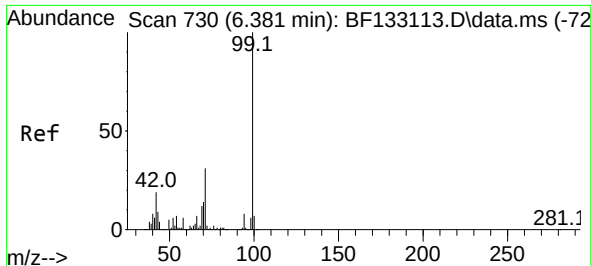
Tgt Ion:152 Resp: 172090
Ion Ratio Lower Upper
152 100
150 157.2 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 73.883 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:112 Resp: 841678
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 29.9 23.8 35.8

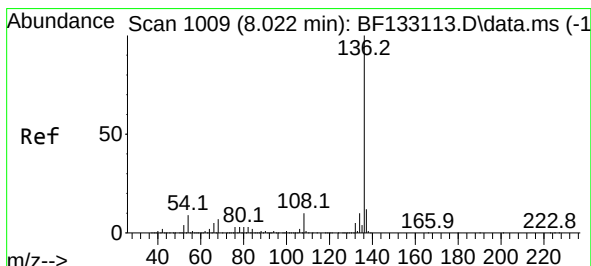
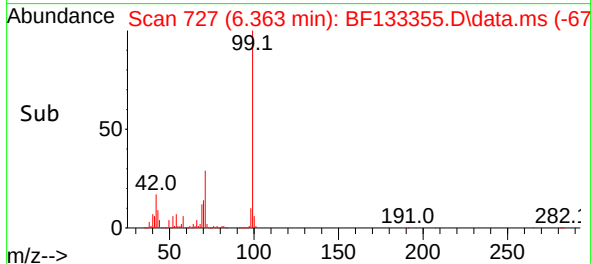
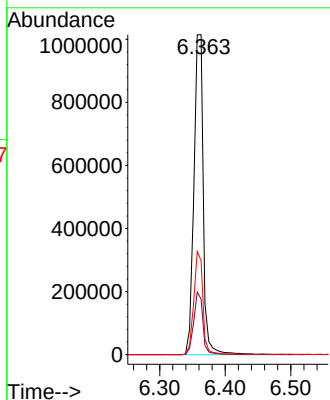
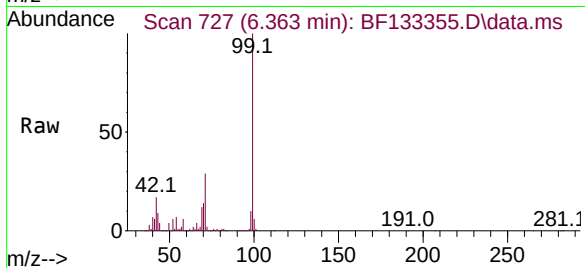




#7
Phenol-d6
Concen: 71.694 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

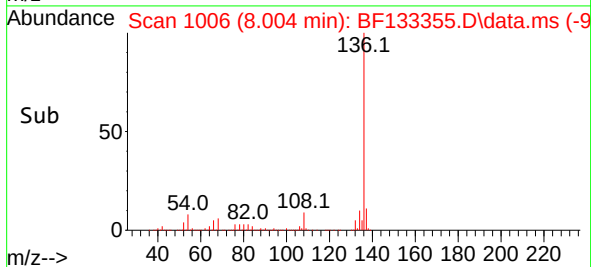
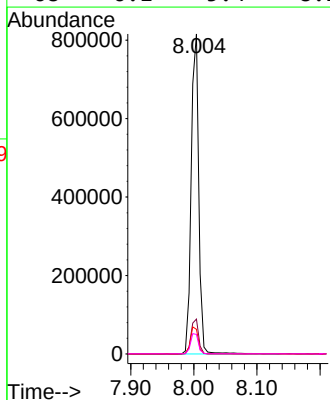
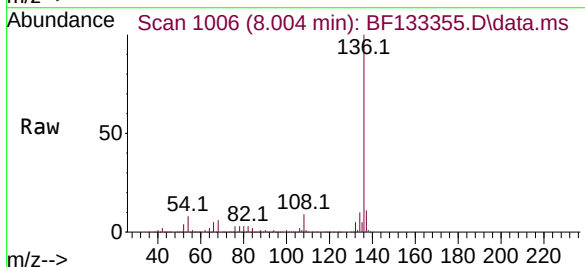
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

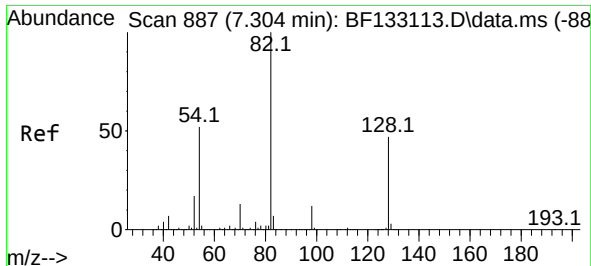
Tgt Ion: 99 Resp: 1013751
Ion Ratio Lower Upper
99 100
42 17.4 16.3 24.5
71 29.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion: 136 Resp: 680333
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 7.0 10.4
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 47.438 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133355.D

Acq: 11 May 2023 15:28

Instrument :

BNA_F

ClientSampleId :

DRUM-A-SLUDGE

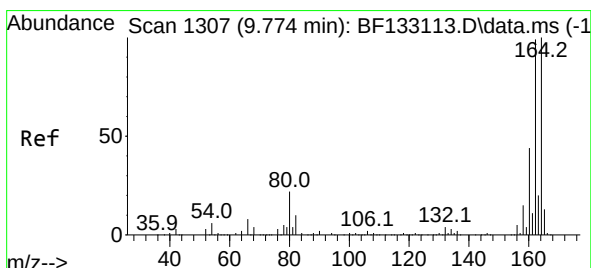
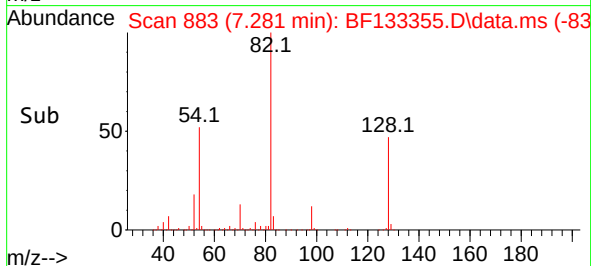
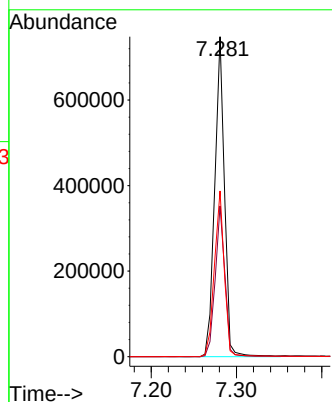
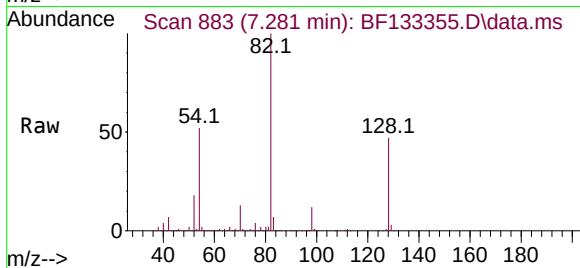
Tgt Ion: 82 Resp: 597911

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 51.8 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF133355.D

Acq: 11 May 2023 15:28

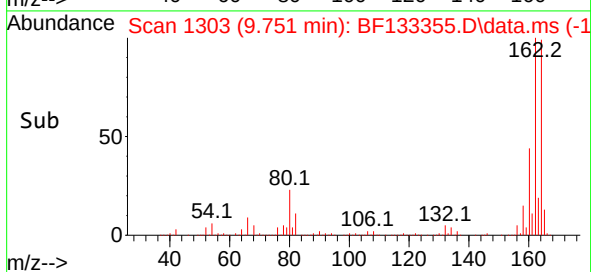
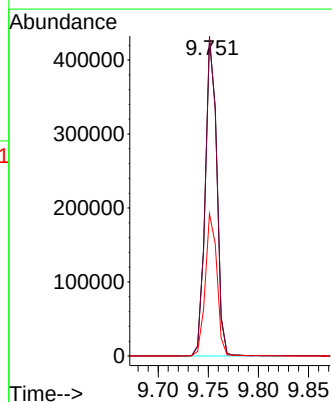
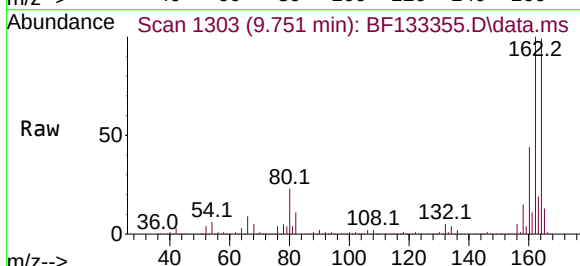
Tgt Ion:164 Resp: 346325

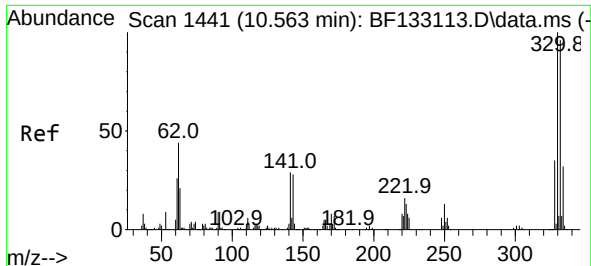
Ion Ratio Lower Upper

164 100

162 101.2 78.7 118.1

160 45.0 35.8 53.6

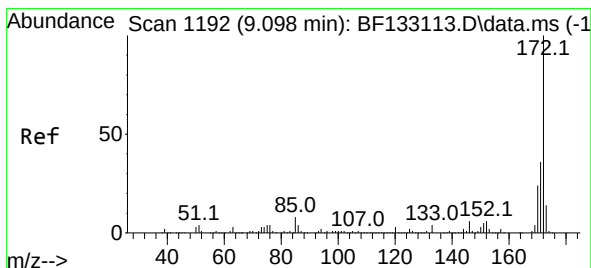
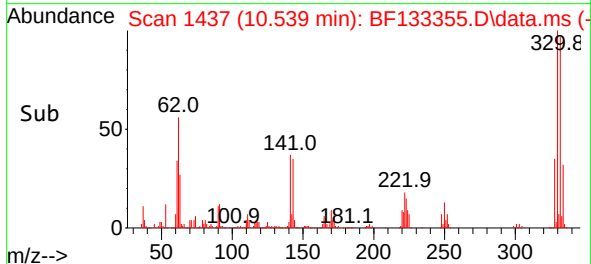
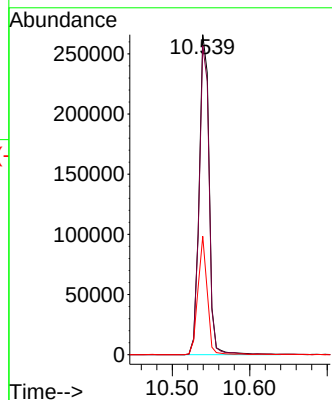
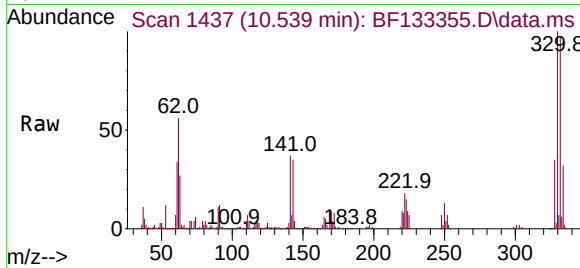




#42
2,4,6-Tribromophenol
Concen: 68.408 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

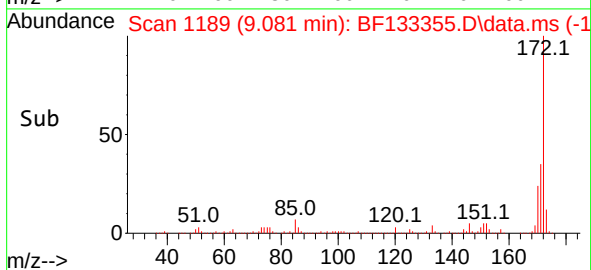
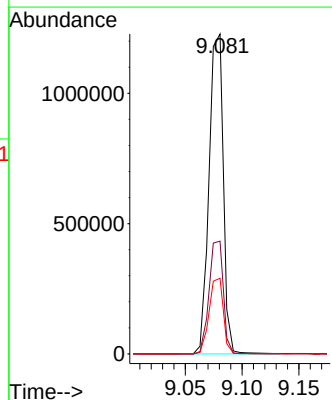
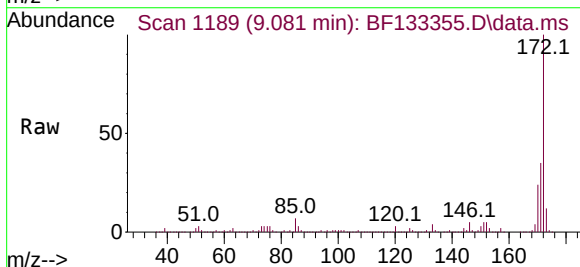
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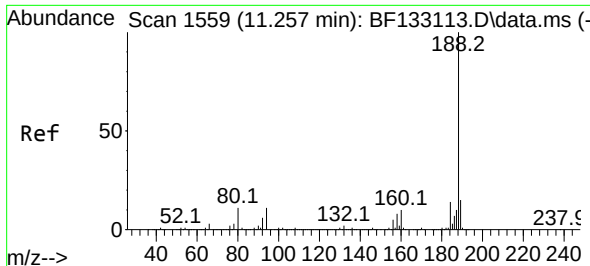
Tgt Ion:330 Resp: 238263
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 34.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 51.844 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:172 Resp: 1073220
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 19.4 29.2

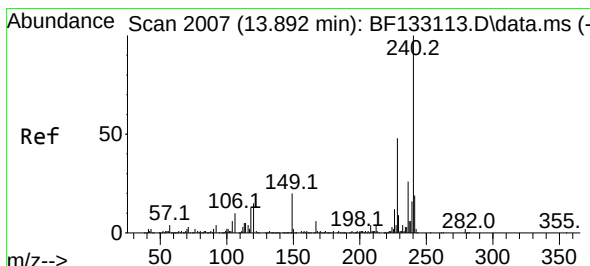
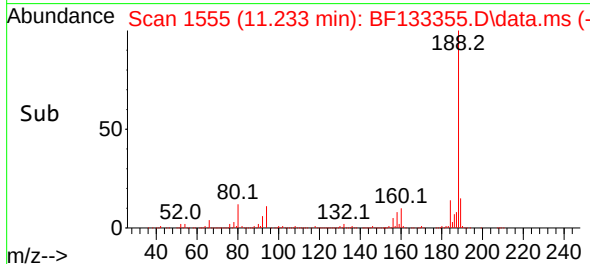
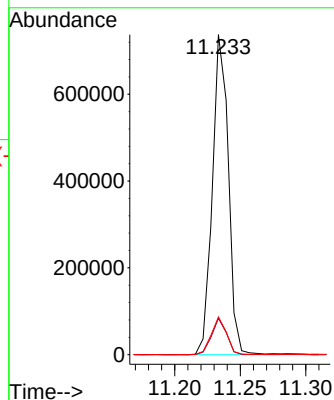
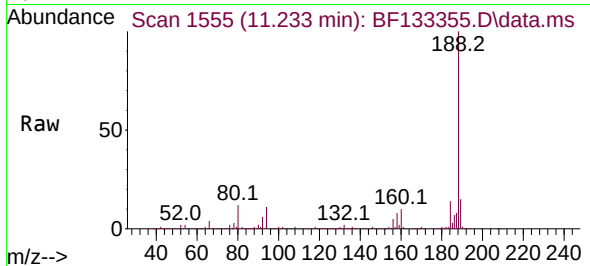




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

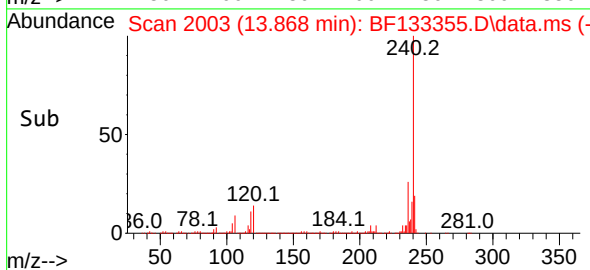
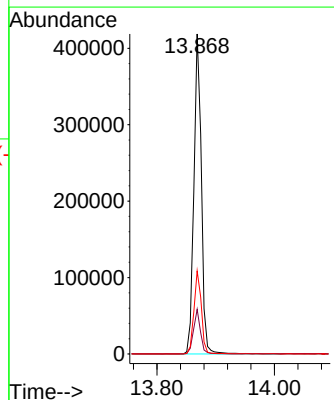
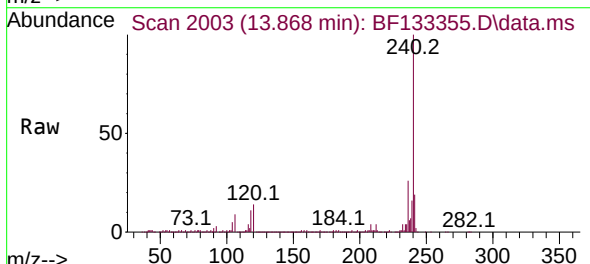
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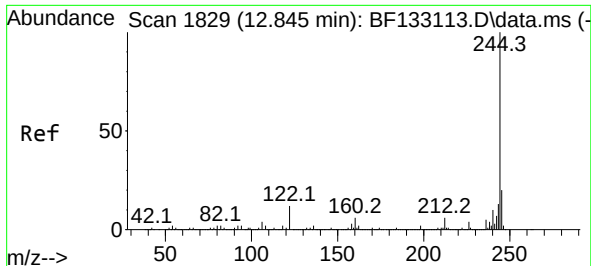
Tgt Ion:188 Resp: 625370
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 11.8 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:240 Resp: 370716
Ion Ratio Lower Upper
240 100
120 14.0 10.5 15.7
236 26.0 21.5 32.3

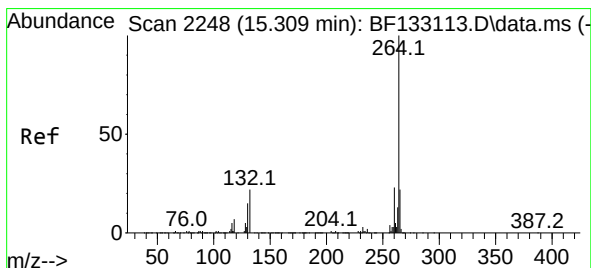
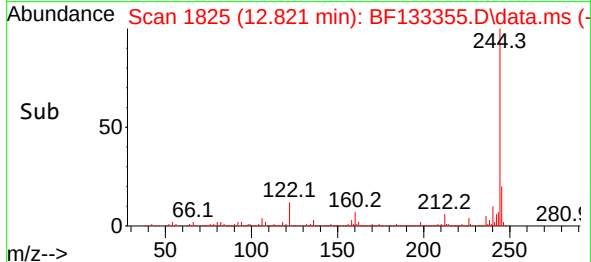
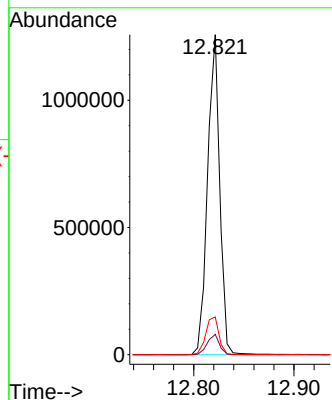
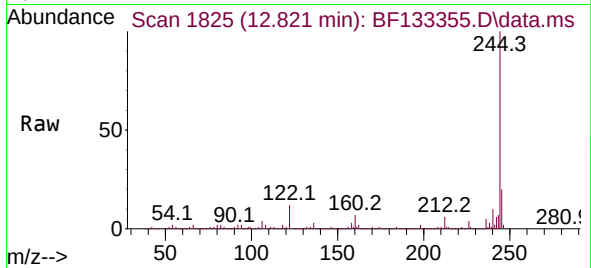




#79
 Terphenyl-d14
 Concen: 49.336 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF133355.D
 Acq: 11 May 2023 15:28

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1060467
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133355.D
 Acq: 11 May 2023 15:28

Tgt Ion:264 Resp: 409789
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.3 17.0 25.4

