

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133323.D
 Acq On : 09 May 2023 18:15
 Operator : CG\JU
 Sample : 02505-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WO-5

Quant Time: May 10 01:49:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

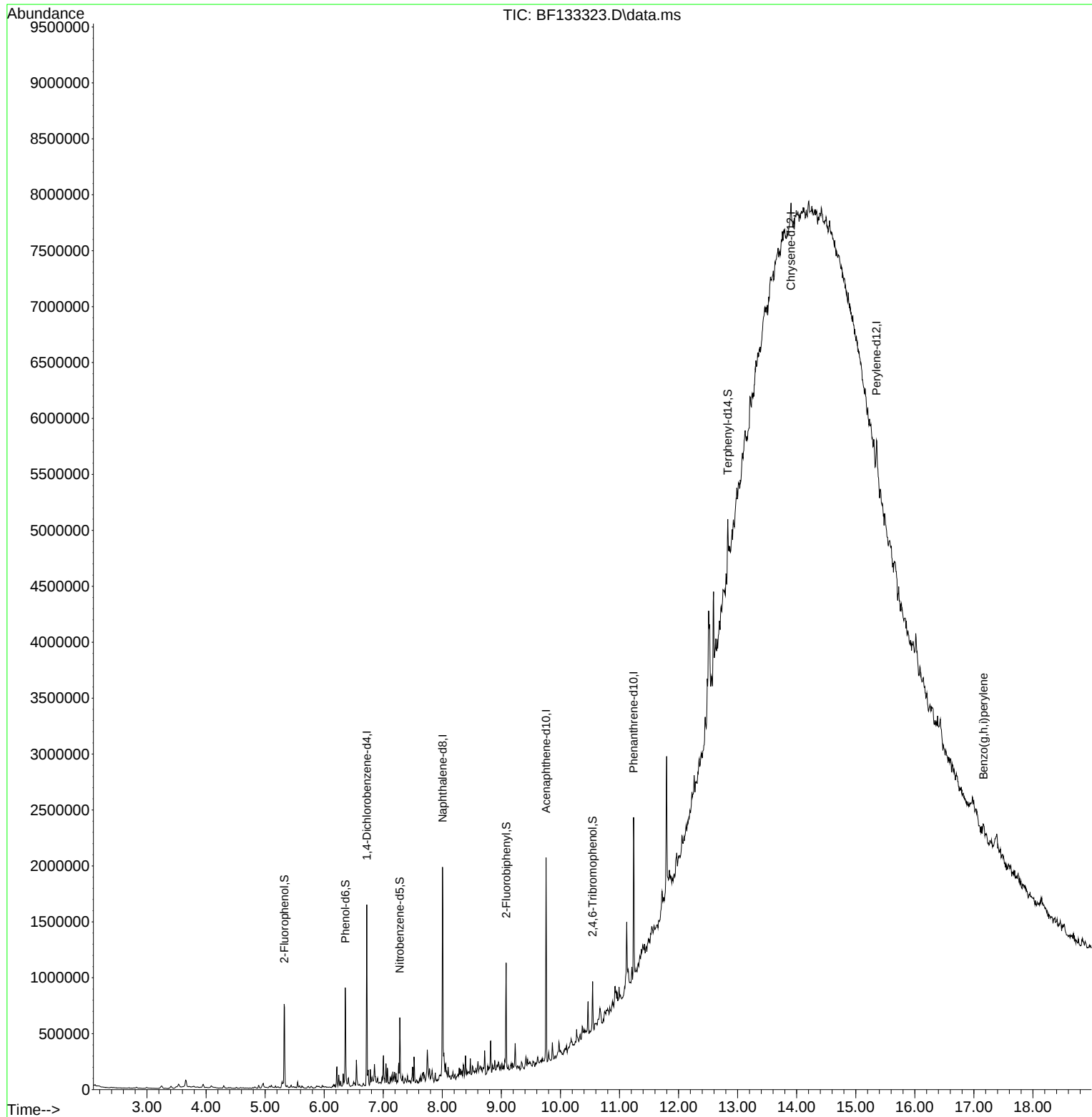
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	202754	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	750799	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	323955	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	521705	20.000	ng	0.00
76) Chrysene-d12	13.904	240	201354	20.000	ng	0.02
86) Perylene-d12	15.351	264	214785	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	218101	16.250	ng	0.00
7) Phenol-d6	6.357	99	262139	15.735	ng	-0.01
23) Nitrobenzene-d5	7.281	82	148492	10.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	42055	12.908	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	257331	13.289	ng	0.00
79) Terphenyl-d14	12.833	244	199804	17.114	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.162	276	36448	3.623	ng	Qvalue # 67

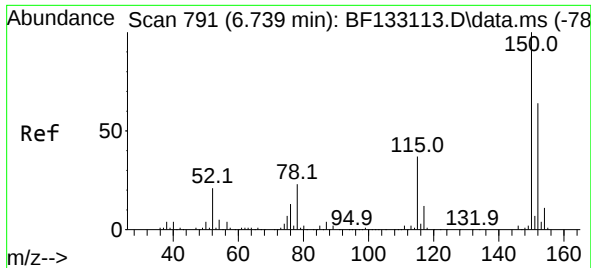
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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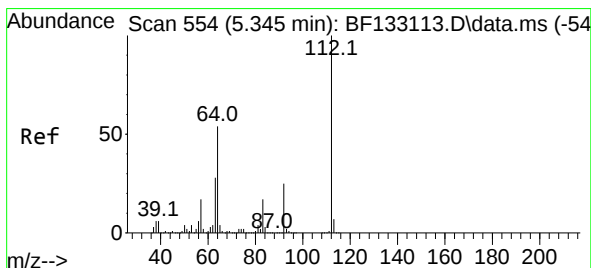
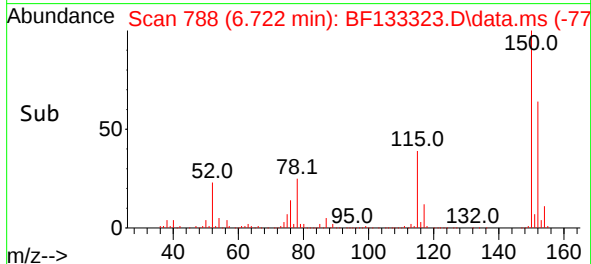
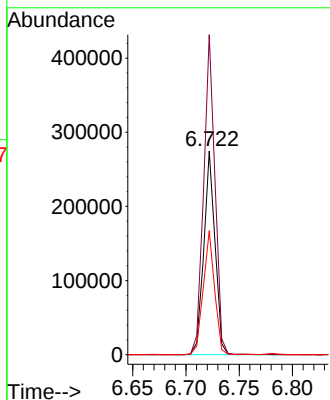
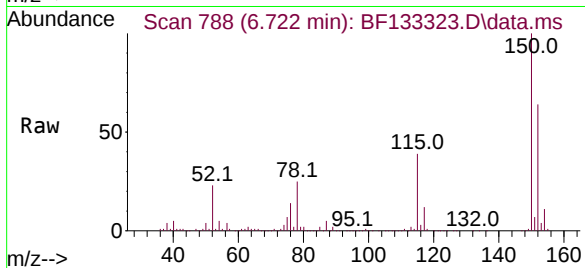




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

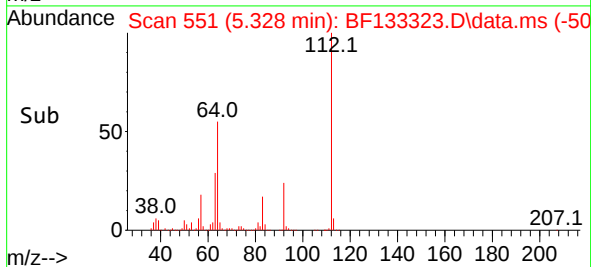
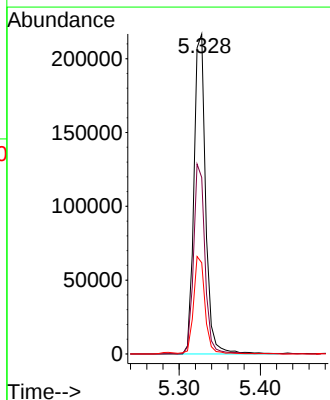
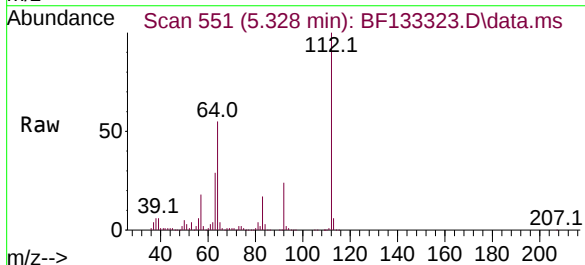
Instrument :
 BNA_F
 ClientSampleId :
 WO-5

Tgt Ion:152 Resp: 202754
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 60.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 16.250 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

Tgt Ion:112 Resp: 218101
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.8 70.2
 63 28.5 23.8 35.8

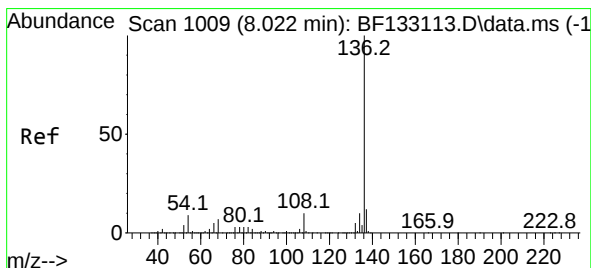
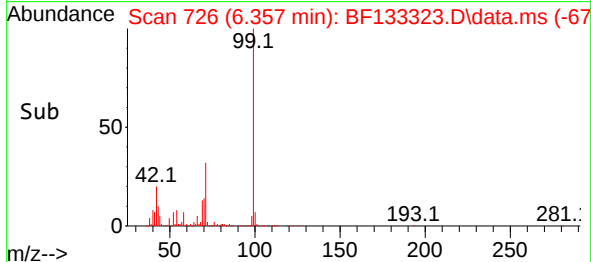
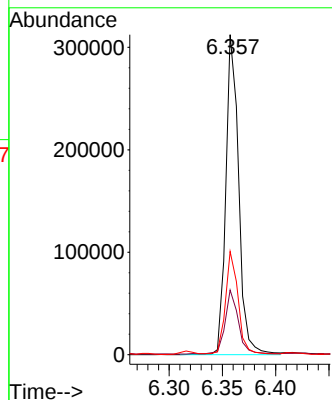
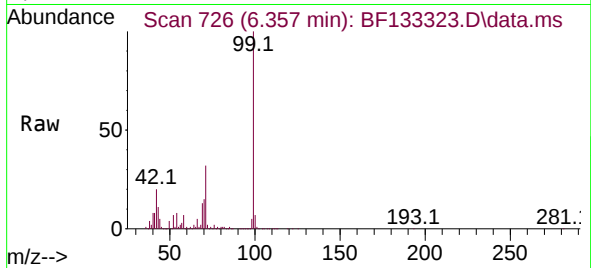




#7
Phenol-d6
Concen: 15.735 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

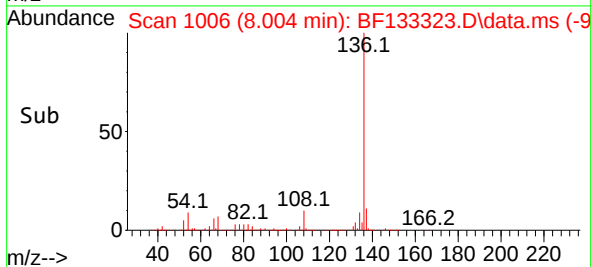
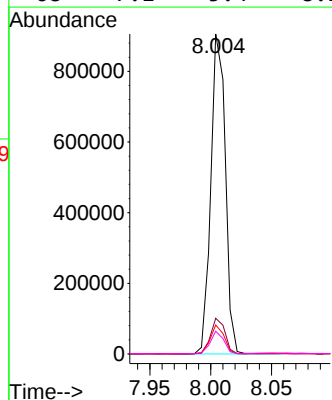
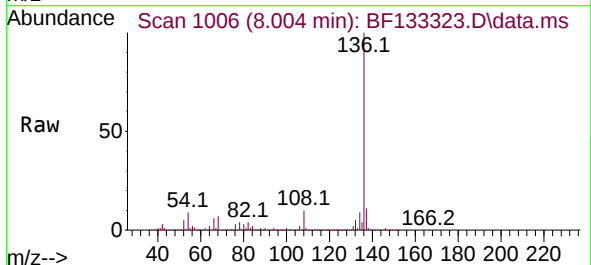
Instrument :
BNA_F
ClientSampleId :
WO-5

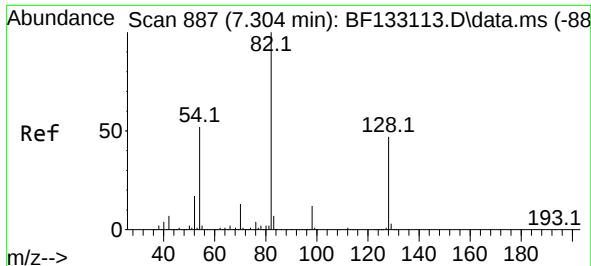
Tgt Ion: 99 Resp: 262139
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

Tgt Ion: 136 Resp: 750799
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2

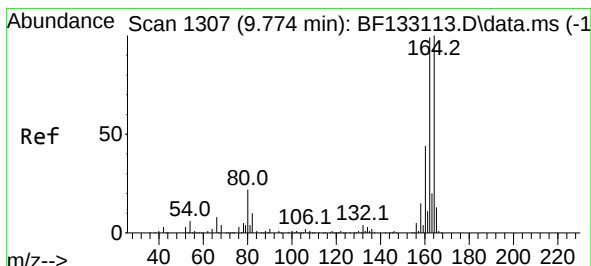
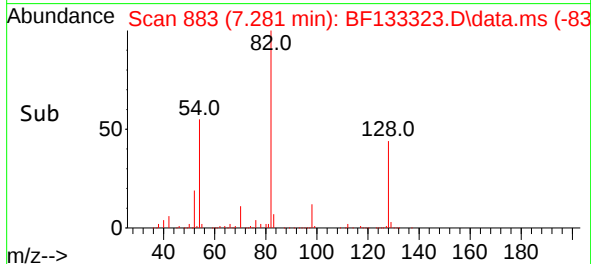
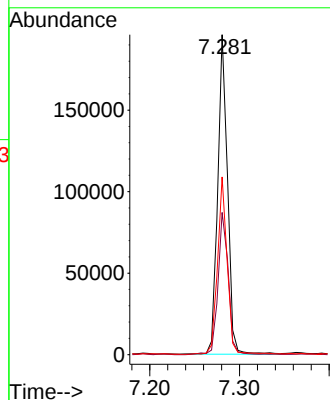
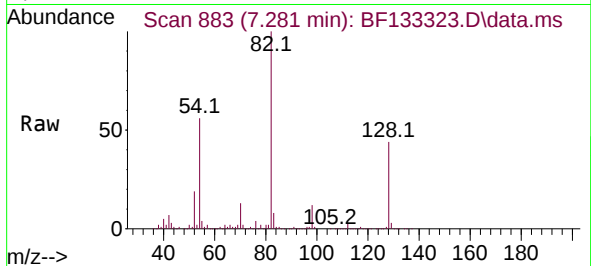




#23
Nitrobenzene-d5
Concen: 10.675 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

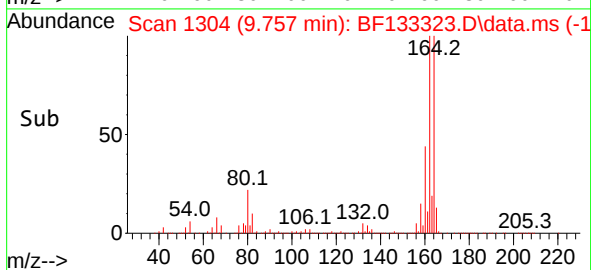
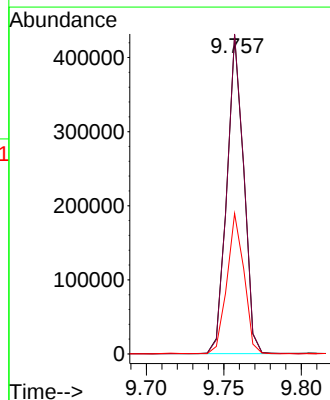
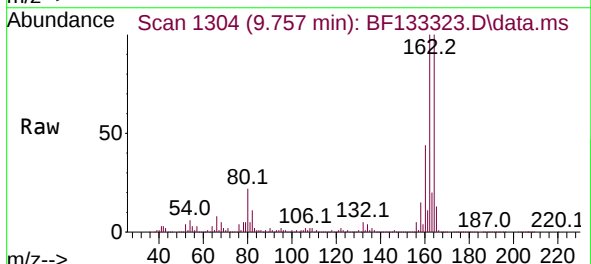
Instrument :
BNA_F
ClientSampleId :
WO-5

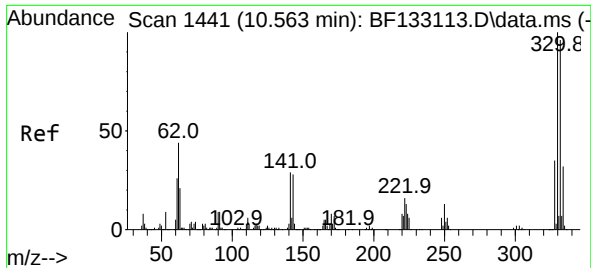
Tgt Ion: 82 Resp: 148492
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 55.5 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

Tgt Ion: 164 Resp: 323955
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.1 35.8 53.6

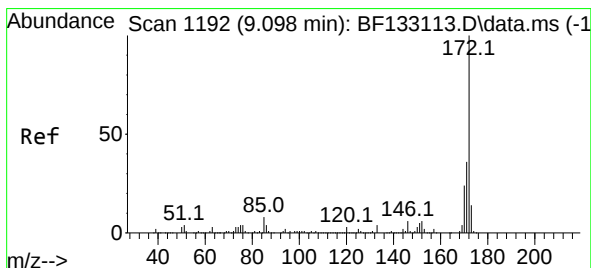
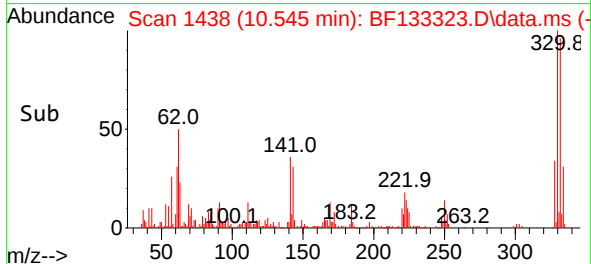
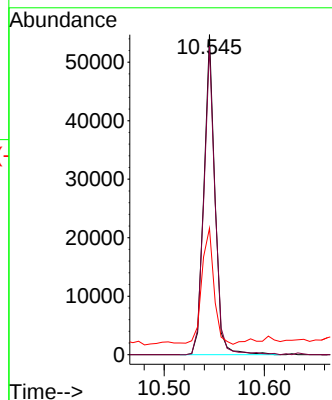
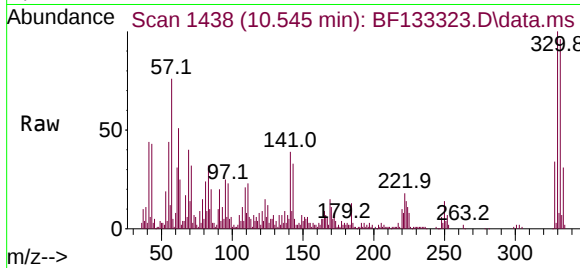




#42
2,4,6-Tribromophenol
Concen: 12.908 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

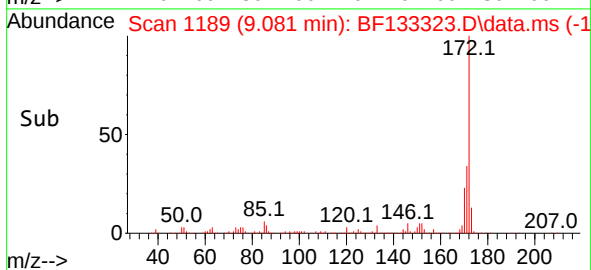
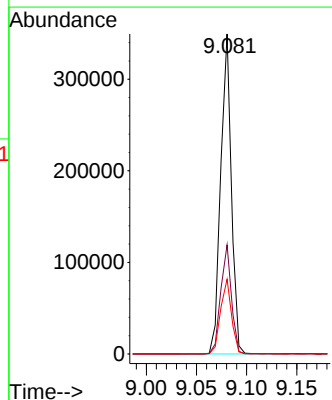
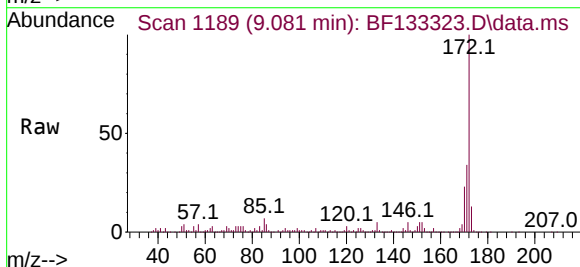
Instrument :
BNA_F
ClientSampleId :
WO-5

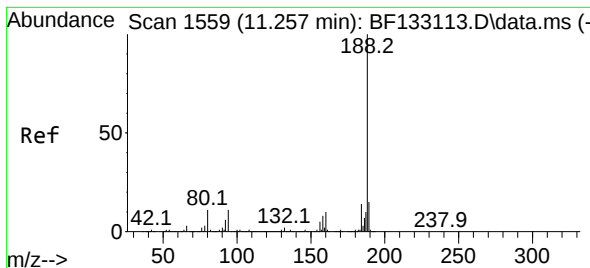
Tgt Ion: 330 Resp: 42055
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 39.6 25.8 38.8#



#45
2-Fluorobiphenyl
Concen: 13.289 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

Tgt Ion: 172 Resp: 257331
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 23.3 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: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

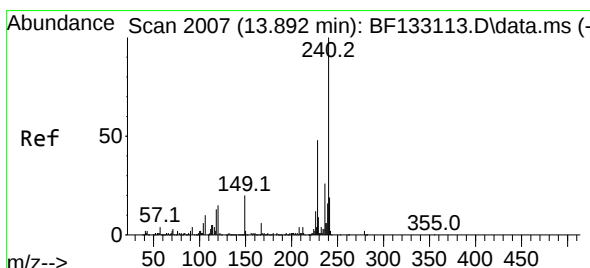
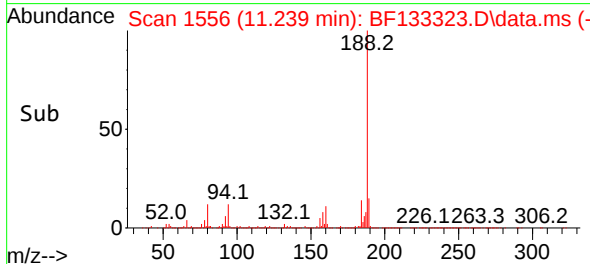
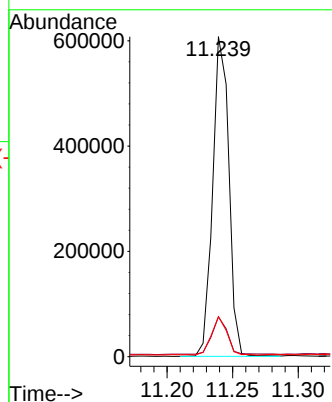
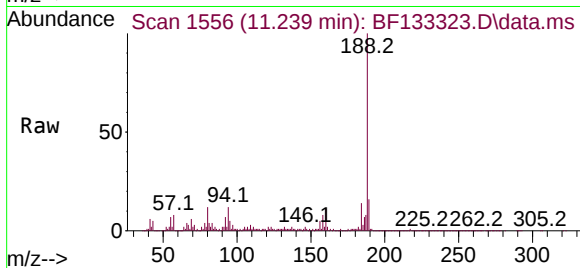
Tgt Ion:188 Resp: 521705

Ion Ratio Lower Upper

188 100

94 12.4 9.7 14.5

80 12.5 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.024 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

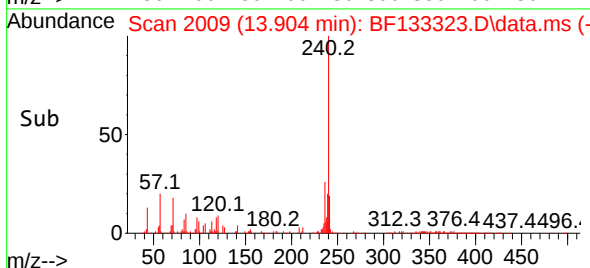
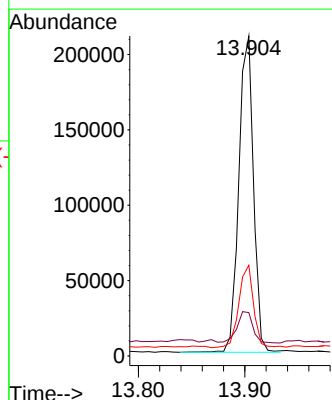
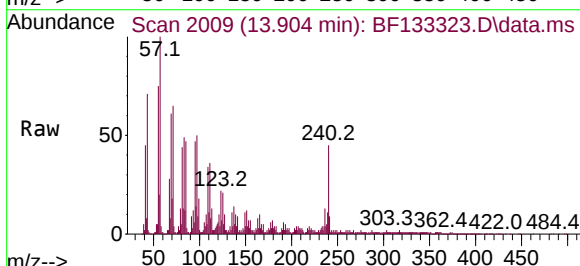
Tgt Ion:240 Resp: 201354

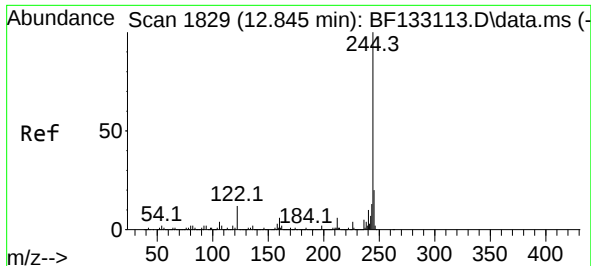
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

236 28.4 21.5 32.3

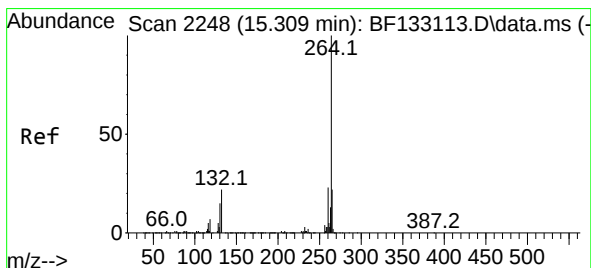
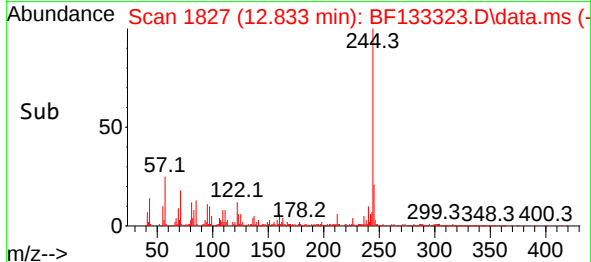
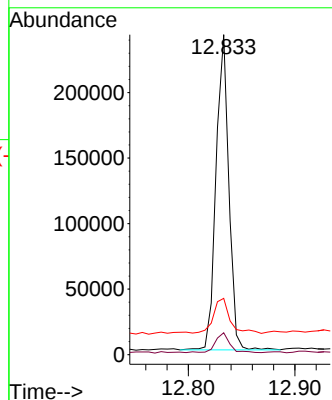
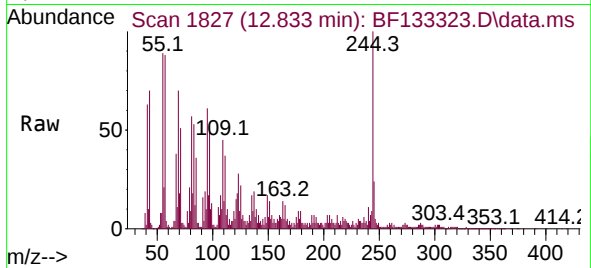




#79
 Terphenyl-d14
 Concen: 17.114 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

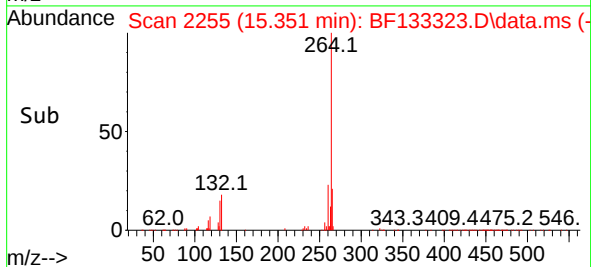
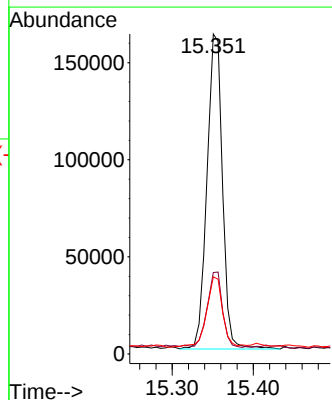
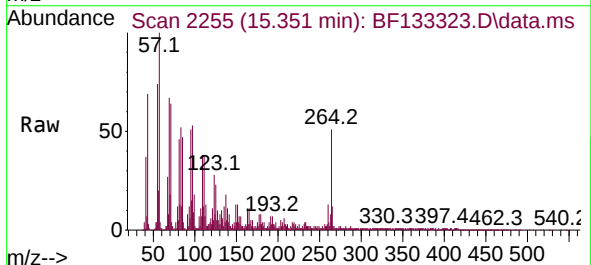
Instrument :
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 WO-5

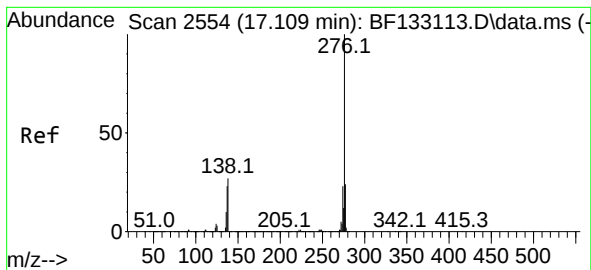
Tgt Ion:244 Resp: 199804
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 17.6 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. 0.059 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

Tgt Ion:264 Resp: 214785
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.8 28.2
 265 24.1 17.0 25.4





#92

Benzo(g,h,i)perylene

Concen: 3.623 ng

RT: 17.162 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF133323.D

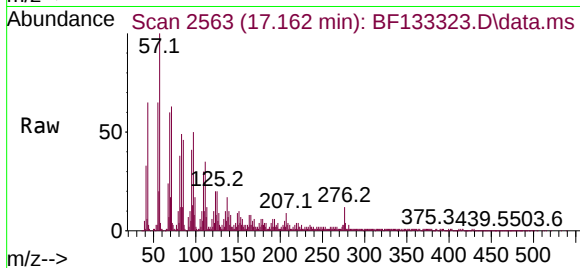
Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5



Tgt Ion:276 Resp: 36448

Ion Ratio Lower Upper

276 100

277 32.2 19.4 29.0#

138 53.5 22.7 34.1#

