

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133301.D
 Acq On : 08 May 2023 18:35
 Operator : CG\JU
 Sample : 02659-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LARGE-PAD

Quant Time: May 09 05:07:39 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	188158	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	757804	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	381140	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	632223	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	314392	20.000	ng	-0.01
86) Perylene-d12	15.286	264	387094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	729295	58.551	ng	0.00
7) Phenol-d6	6.363	99	1050957	67.978	ng	0.00
23) Nitrobenzene-d5	7.287	82	684637	48.765	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	83727	21.843	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1281541	56.253	ng	0.00
79) Terphenyl-d14	12.822	244	1129827	61.979	ng	-0.01

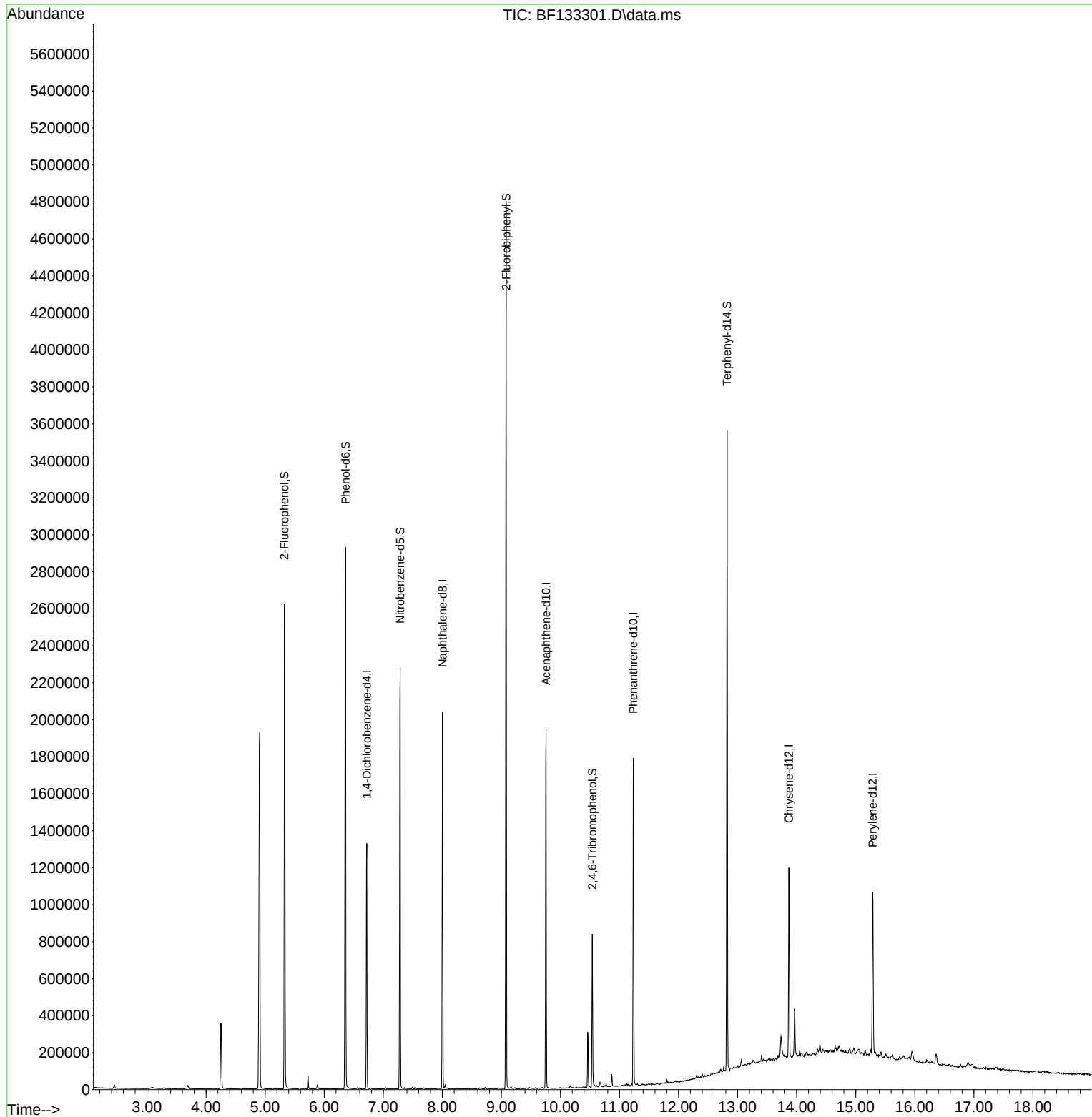
Target Compounds	Qvalue

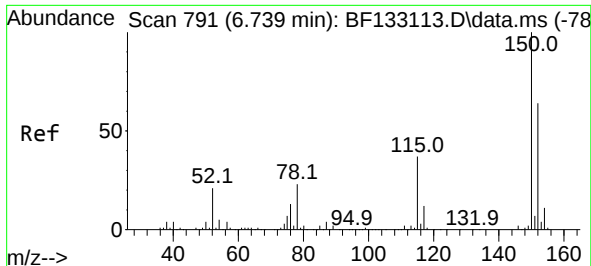
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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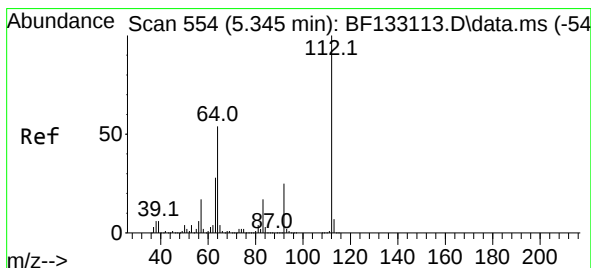
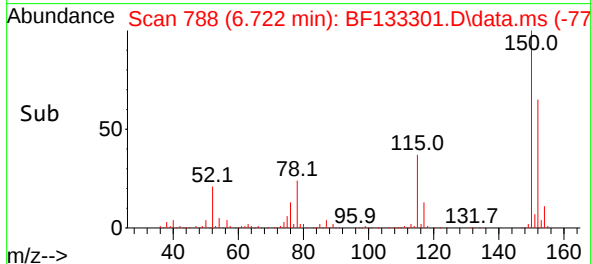
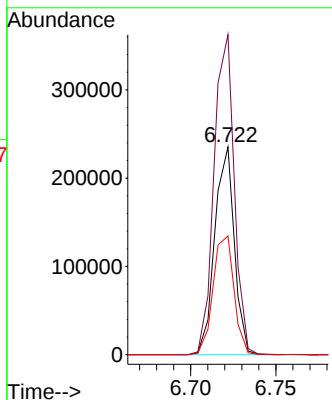
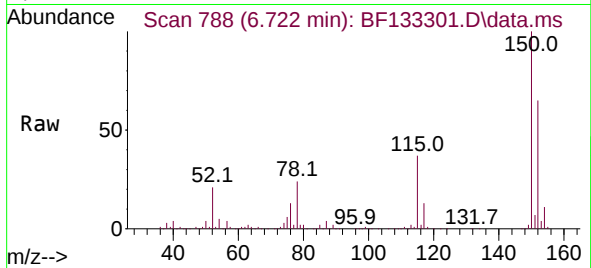




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

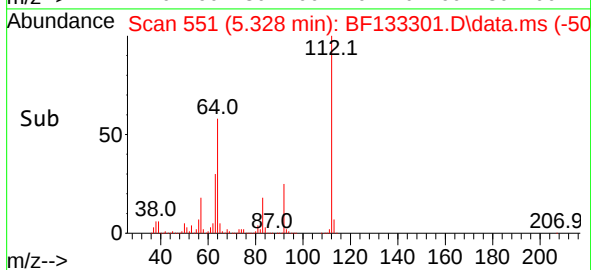
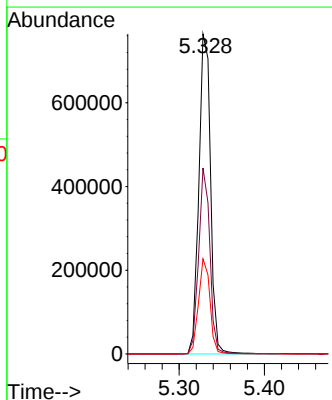
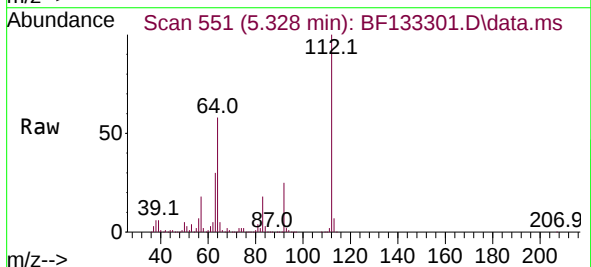
Instrument :
BNA_F
ClientSampleId :
LARGE-PAD

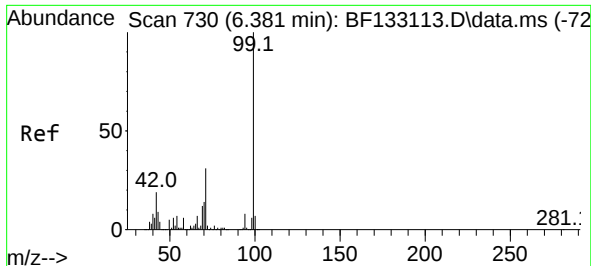
Tgt Ion:152 Resp: 188158
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 58.551 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:112 Resp: 729295
Ion Ratio Lower Upper
112 100
64 58.1 46.8 70.2
63 29.8 23.8 35.8





#7

Phenol-d6

Concen: 67.978 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

Instrument :

BNA_F

ClientSampleId :

LARGE-PAD

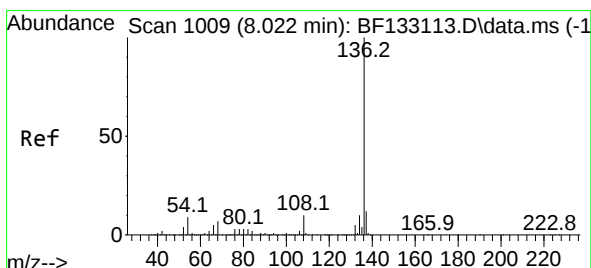
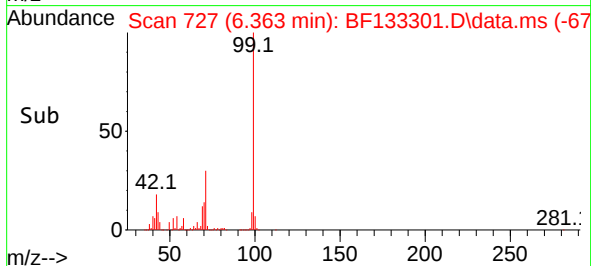
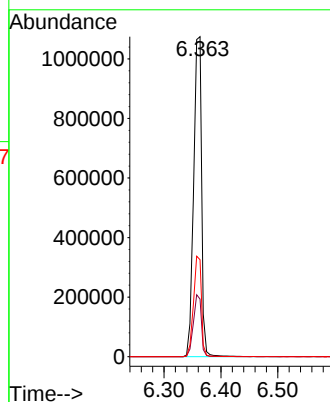
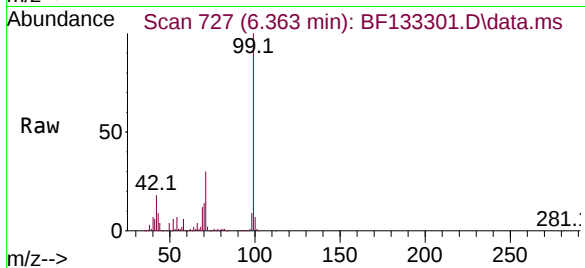
Tgt Ion: 99 Resp: 1050957

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

71 30.3 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: BF133301.D

Acq: 08 May 2023 18:35

Tgt Ion: 136 Resp: 757804

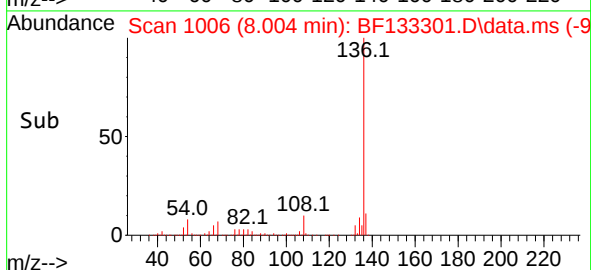
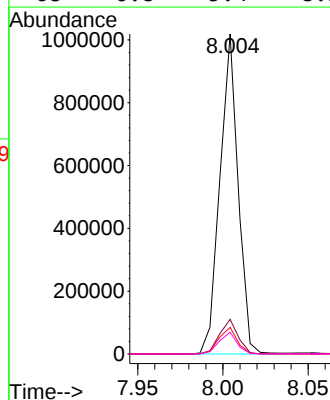
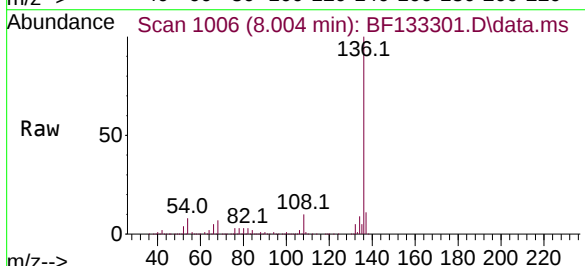
Ion Ratio Lower Upper

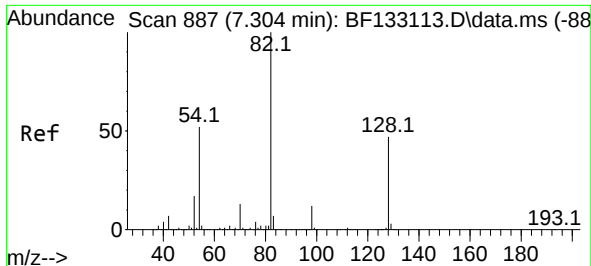
136 100

137 10.8 8.6 13.0

54 8.3 7.0 10.4

68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.765 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

Instrument :

BNA_F

ClientSampleId :

LARGE-PAD

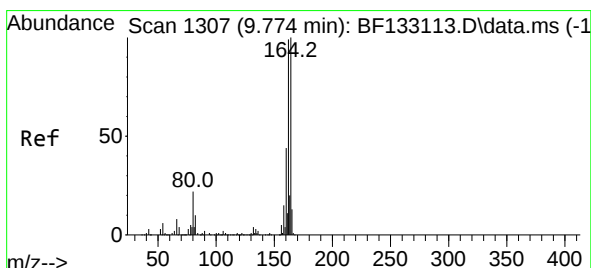
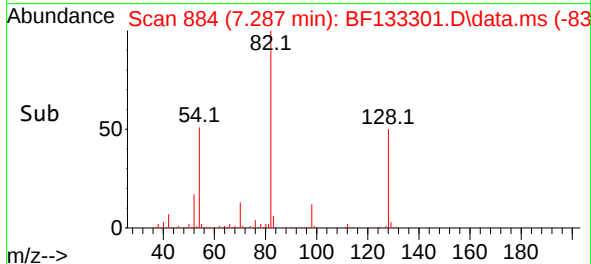
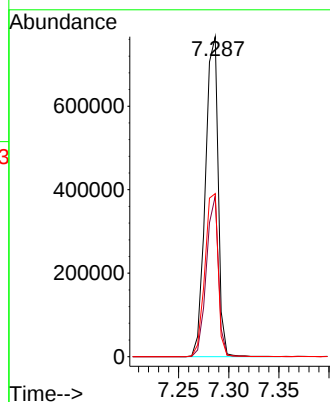
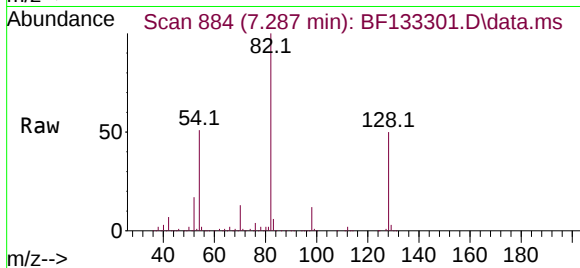
Tgt Ion: 82 Resp: 684637

Ion Ratio Lower Upper

82 100

128 50.2 37.7 56.5

54 50.9 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: BF133301.D

Acq: 08 May 2023 18:35

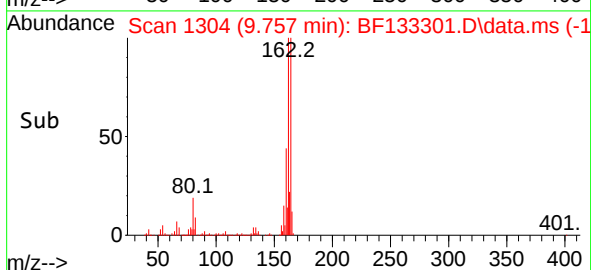
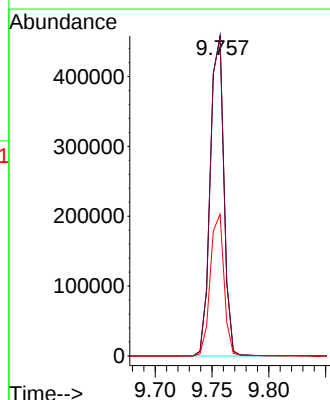
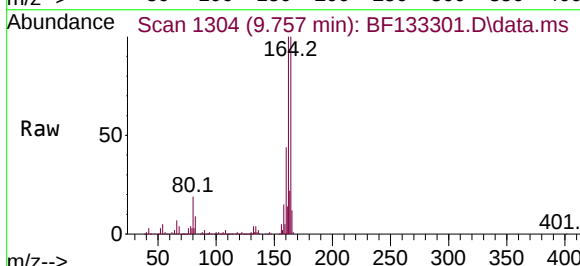
Tgt Ion: 164 Resp: 381140

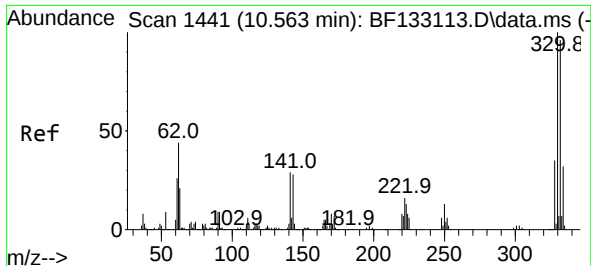
Ion Ratio Lower Upper

164 100

162 99.8 78.7 118.1

160 44.3 35.8 53.6

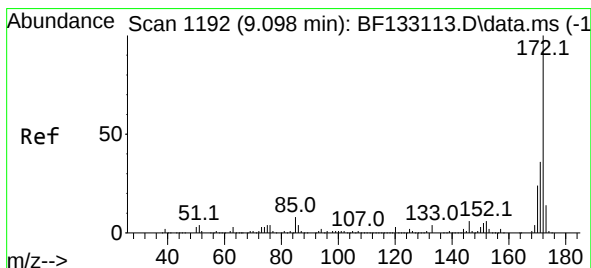
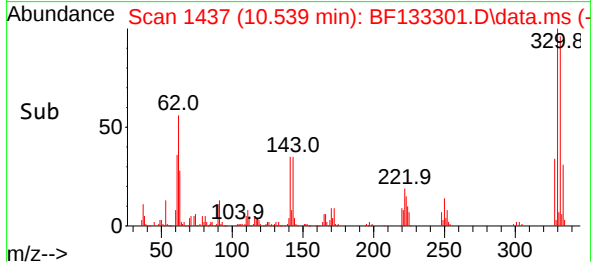
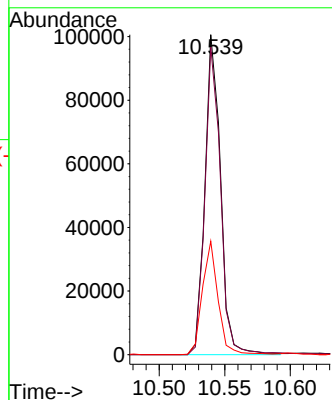
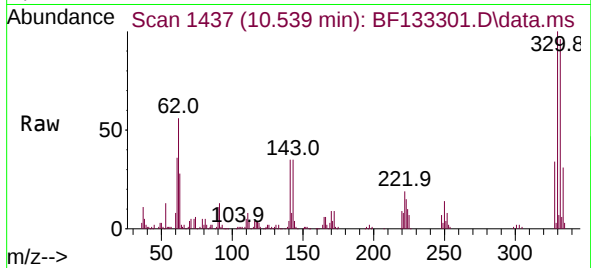




#42
2,4,6-Tribromophenol
Concen: 21.843 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

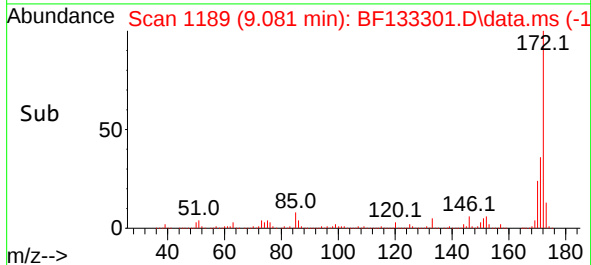
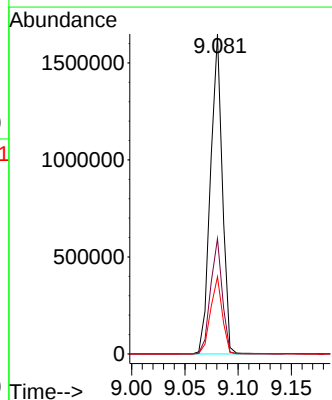
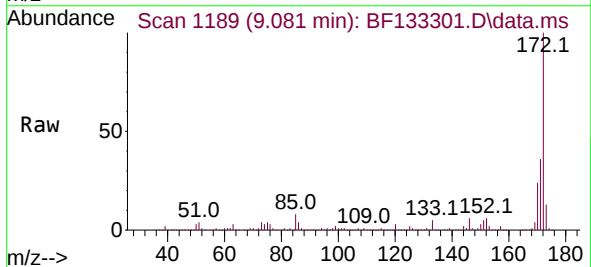
Instrument :
BNA_F
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LARGE-PAD

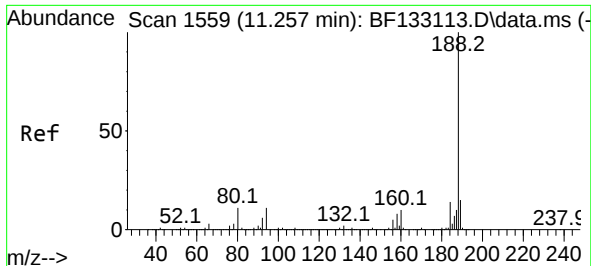
Tgt Ion:330 Resp: 83727
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 35.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 56.253 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:172 Resp: 1281541
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

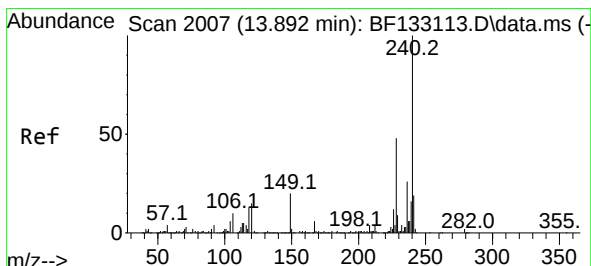
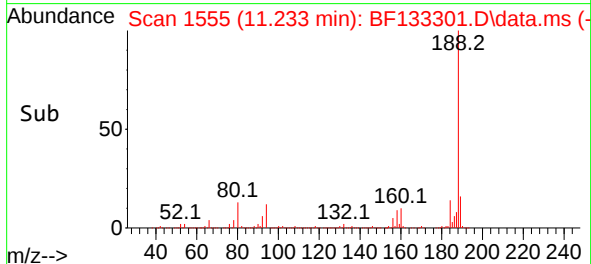
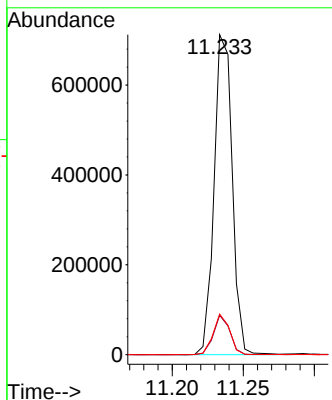
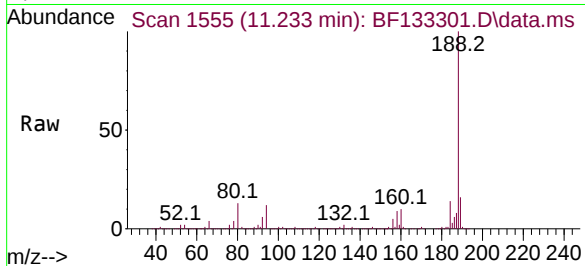




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

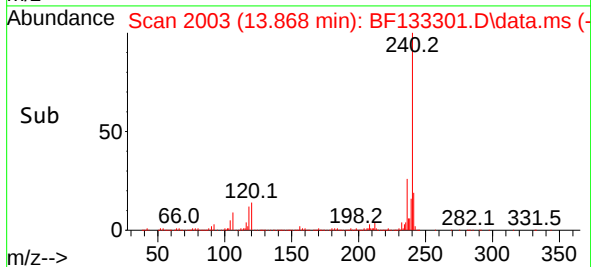
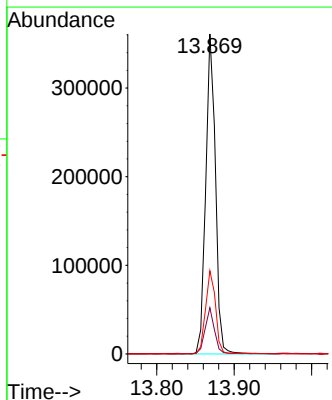
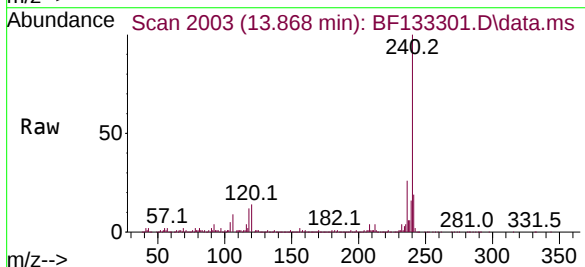
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BNA_F
ClientSampleId :
LARGE-PAD

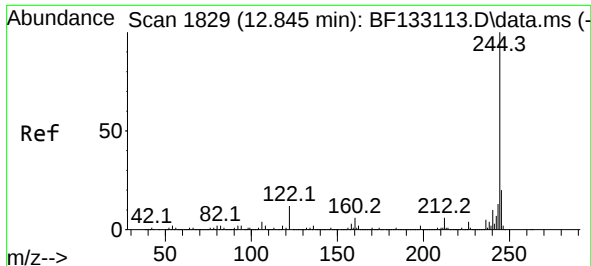
Tgt Ion:188 Resp: 632223
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 12.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

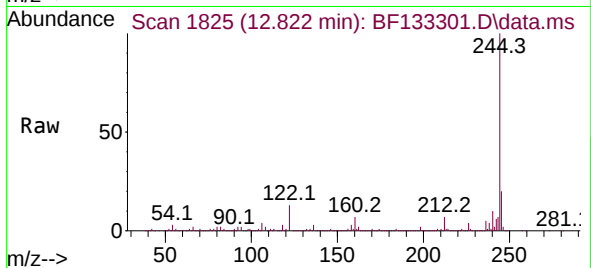
Tgt Ion:240 Resp: 314392
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.0 21.5 32.3



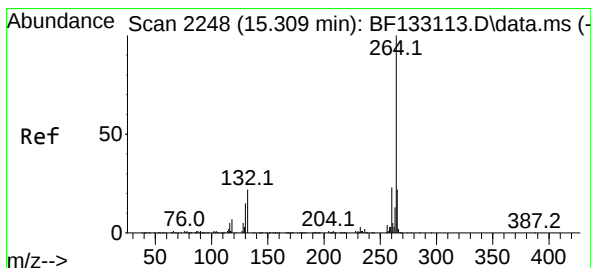
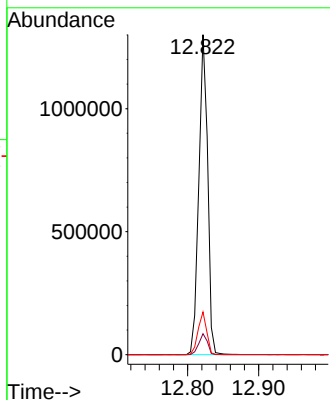
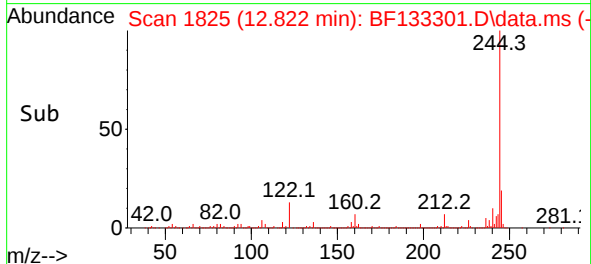


#79
 Terphenyl-d14
 Concen: 61.979 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133301.D
 Acq: 08 May 2023 18:35

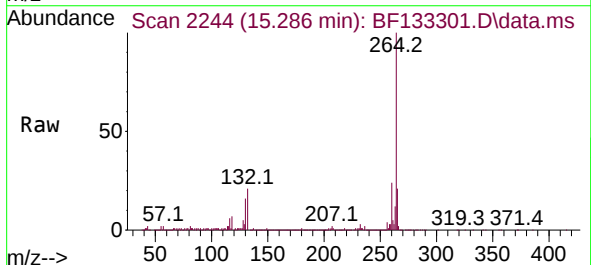
Instrument :
 BNA_F
 ClientSampleId :
 LARGE-PAD



Tgt Ion:244 Resp: 1129827
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 13.3 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: BF133301.D
 Acq: 08 May 2023 18:35



Tgt Ion:264 Resp: 387094
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.2 17.0 25.4

