

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133388.D
 Acq On : 15 May 2023 17:48
 Operator : CG\JU
 Sample : 02774-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

Quant Time: May 15 18:16:45 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	184641	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	748110	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	383598	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	678293	20.000	ng	0.00
76) Chrysene-d12	13.874	240	389542	20.000	ng	0.00
86) Perylene-d12	15.292	264	404056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1159820	94.889	ng	0.00
7) Phenol-d6	6.363	99	1406708	92.722	ng	0.00
23) Nitrobenzene-d5	7.281	82	849161	61.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	358387	92.899	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1539250	67.132	ng	0.00
79) Terphenyl-d14	12.822	244	1582556	70.066	ng	0.00

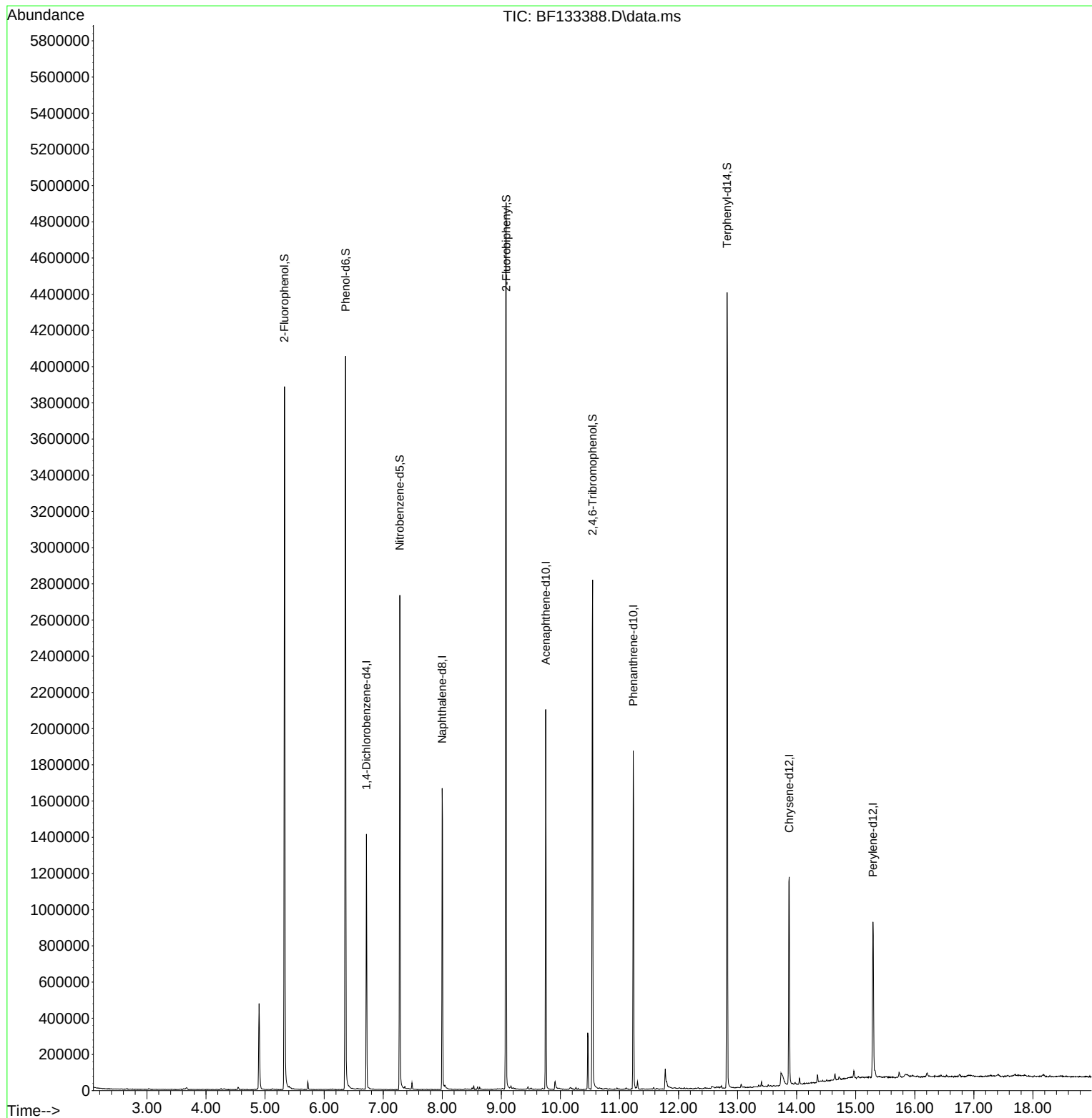
Target Compounds	Qvalue

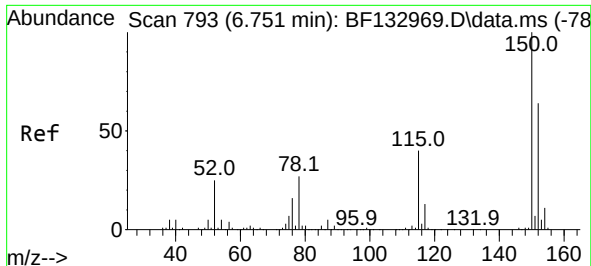
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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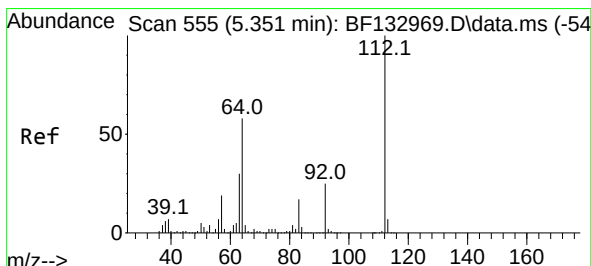
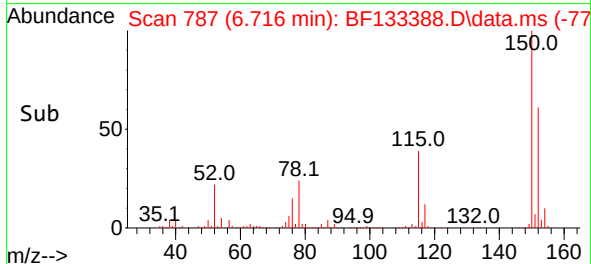
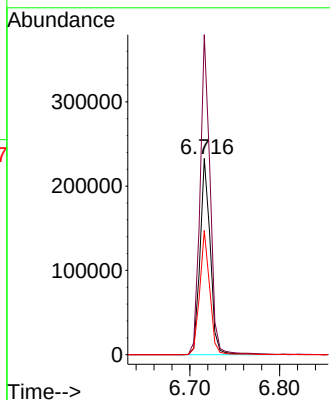
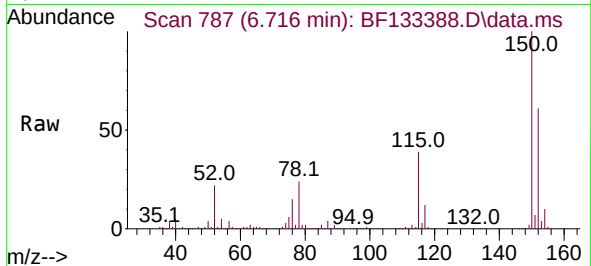




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

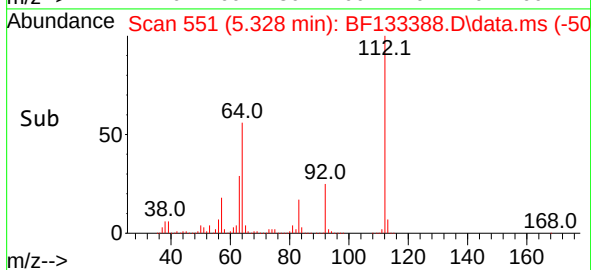
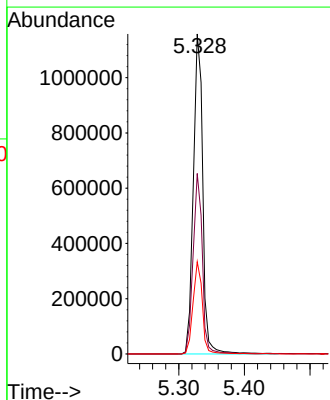
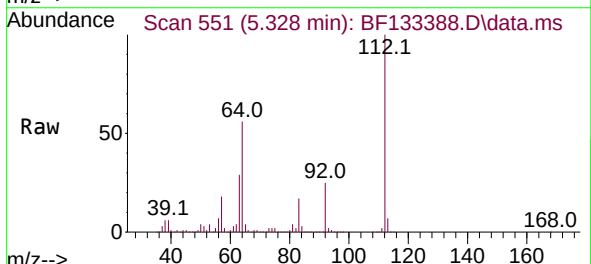
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

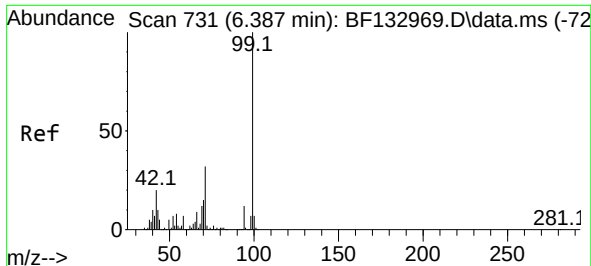
Tgt Ion:152 Resp: 184641
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.8 187.2
 115 63.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 94.889 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

Tgt Ion:112 Resp: 1159820
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.8 70.2
 63 28.8 23.8 35.8

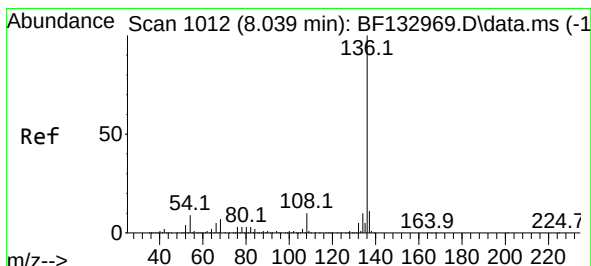
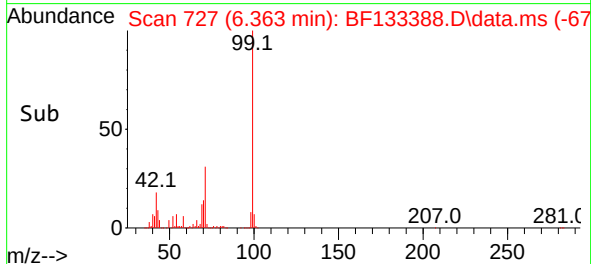
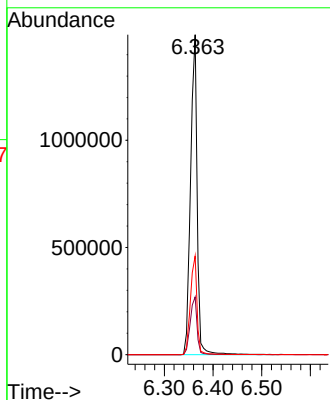
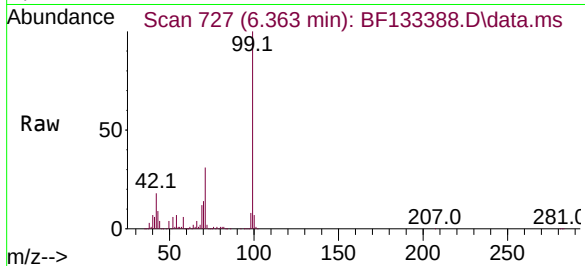




#7
Phenol-d6
Concen: 92.722 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

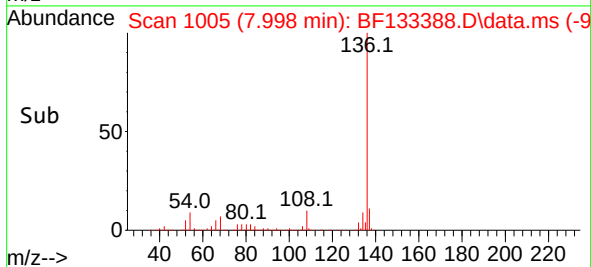
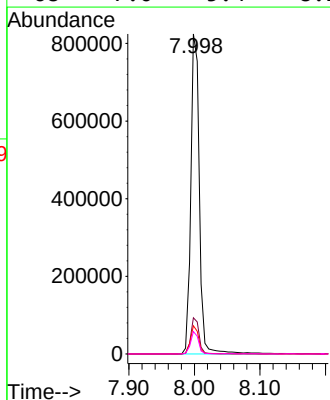
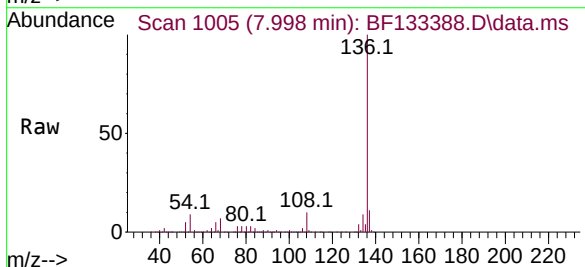
Instrument :
BNA_F
ClientSampleId :
WC-N-1

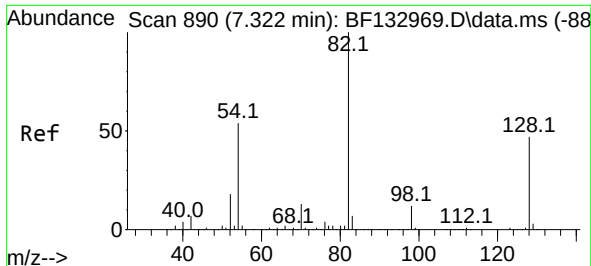
Tgt Ion: 99 Resp: 1406708
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion: 136 Resp: 748110
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.8 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 61.268 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133388.D

Acq: 15 May 2023 17:48

Instrument :

BNA_F

ClientSampleId :

WC-N-1

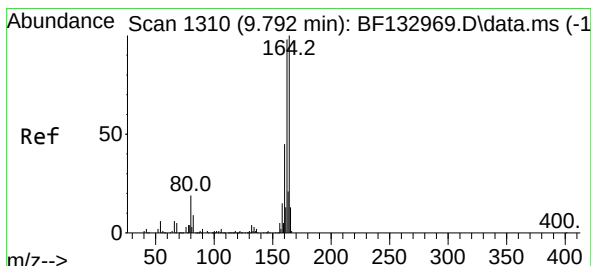
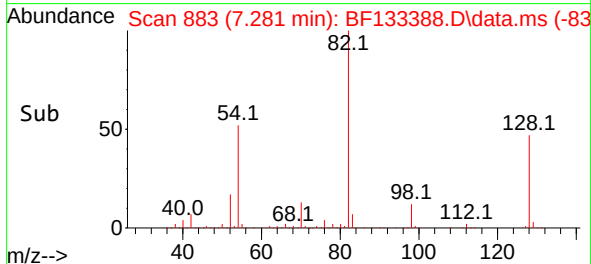
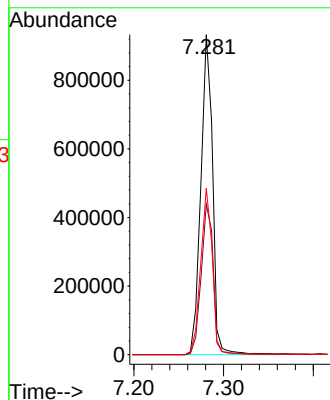
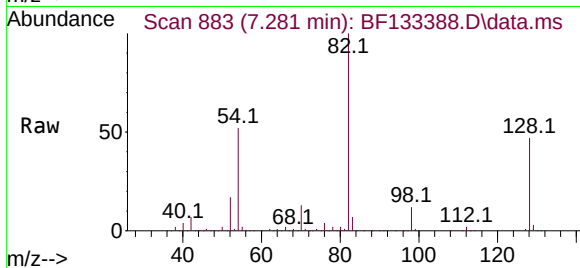
Tgt Ion: 82 Resp: 849161

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 52.0 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: BF133388.D

Acq: 15 May 2023 17:48

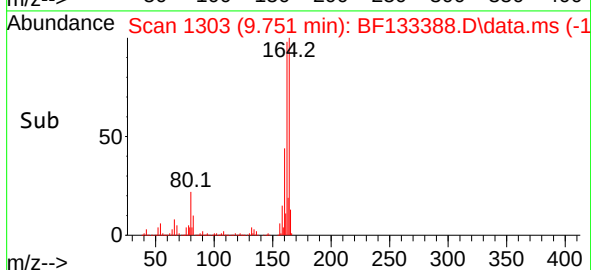
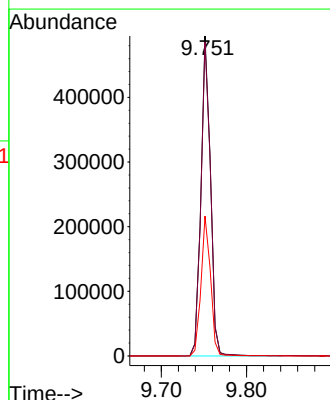
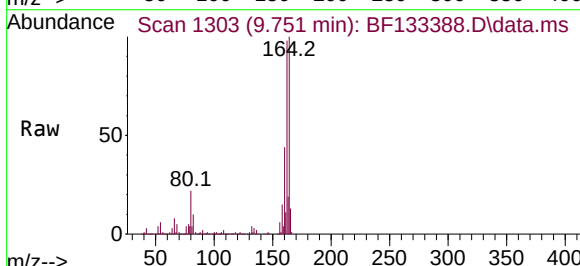
Tgt Ion:164 Resp: 383598

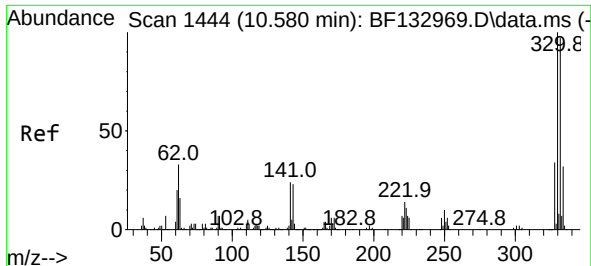
Ion Ratio Lower Upper

164 100

162 98.1 78.7 118.1

160 43.7 35.8 53.6

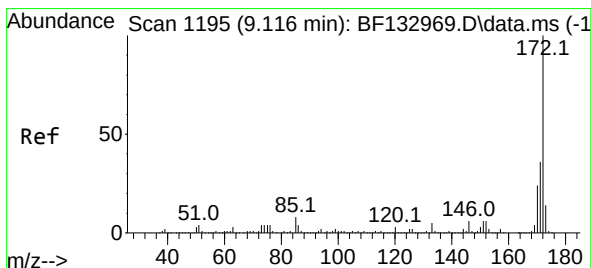
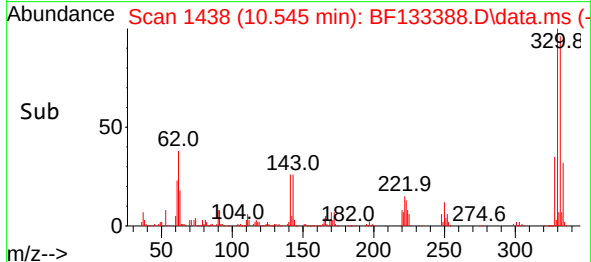
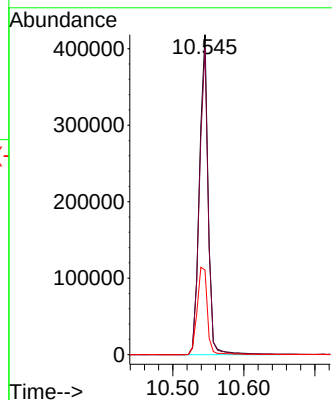
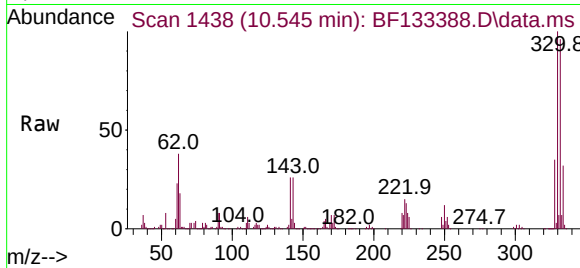




#42
2,4,6-Tribromophenol
Concen: 92.899 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

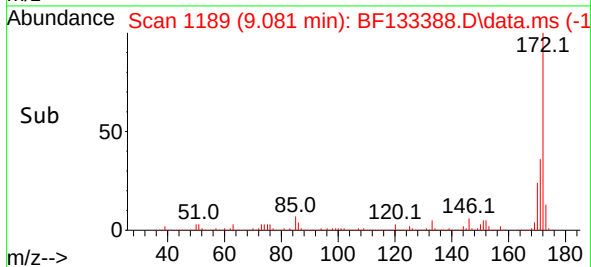
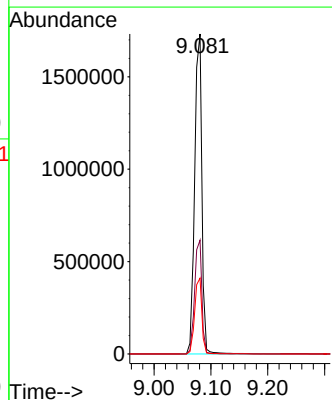
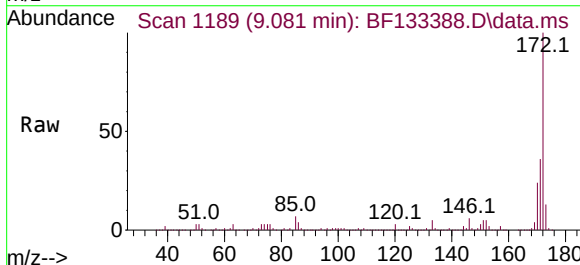
Instrument :
BNA_F
ClientSampleId :
WC-N-1

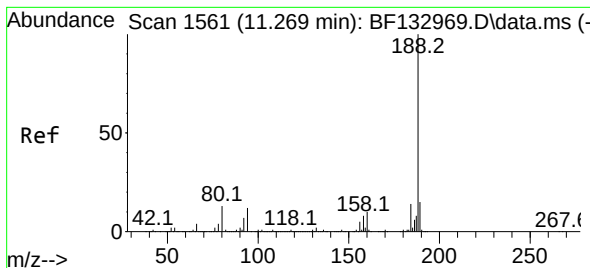
Tgt Ion:330 Resp: 358387
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.132 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion:172 Resp: 1539250
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 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: BF133388.D

Acq: 15 May 2023 17:48

Instrument :

BNA_F

ClientSampleId :

WC-N-1

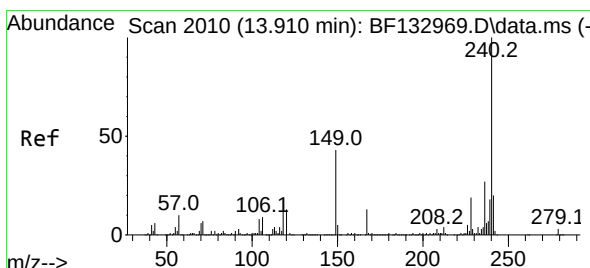
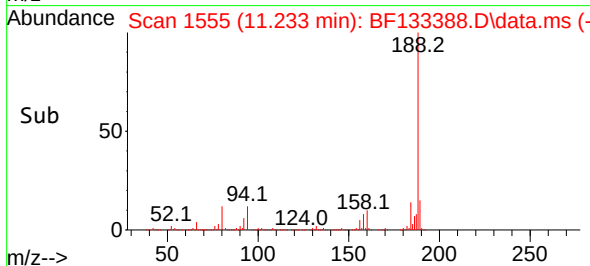
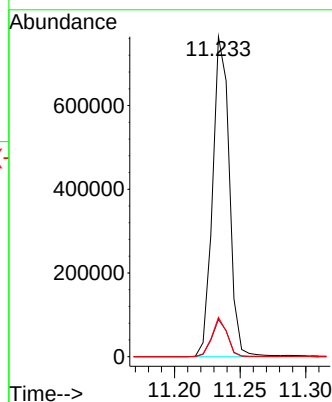
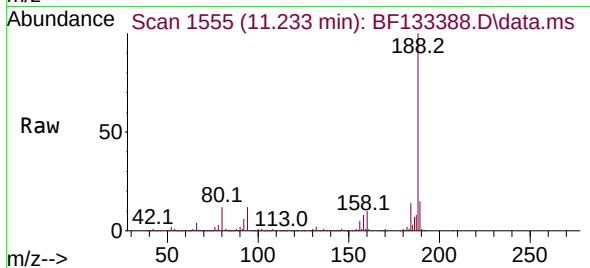
Tgt Ion:188 Resp: 678293

Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.3 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133388.D

Acq: 15 May 2023 17:48

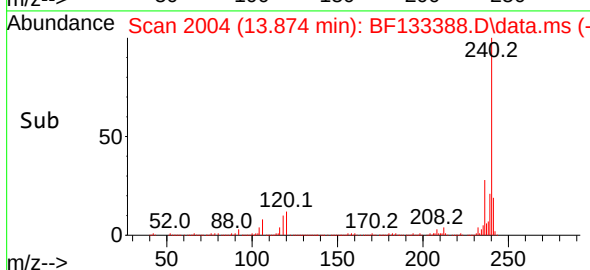
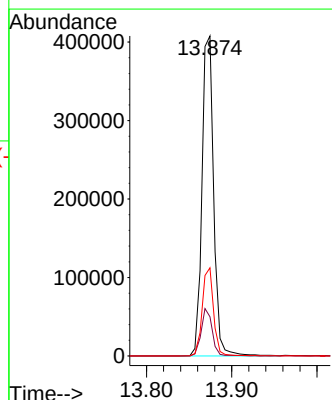
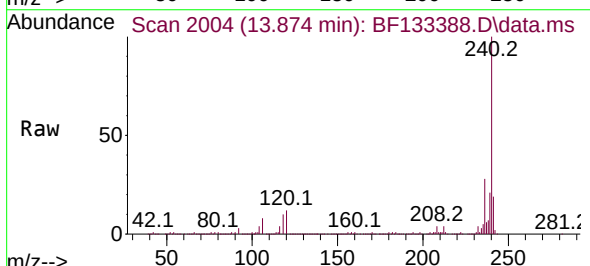
Tgt Ion:240 Resp: 389542

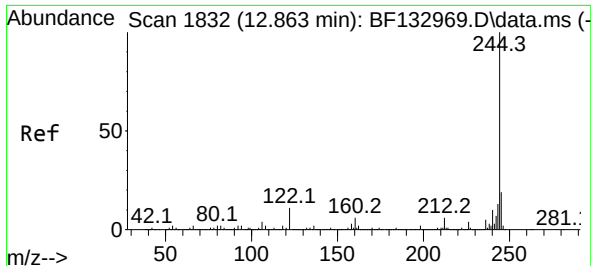
Ion Ratio Lower Upper

240 100

120 12.2 10.5 15.7

236 27.5 21.5 32.3

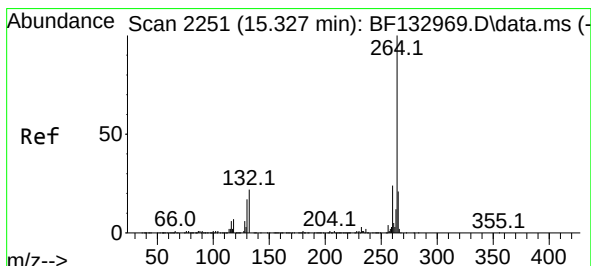
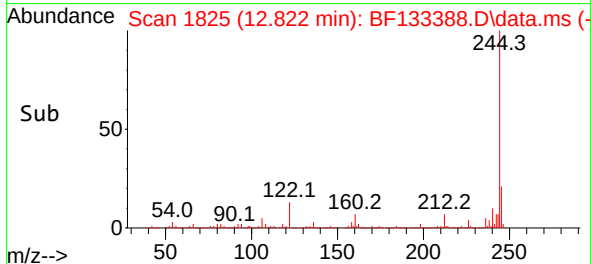
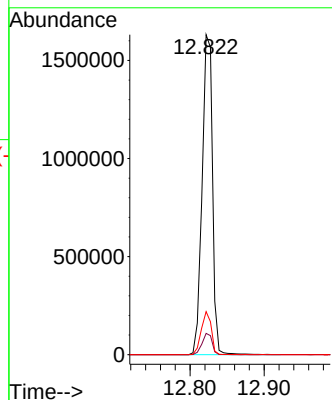
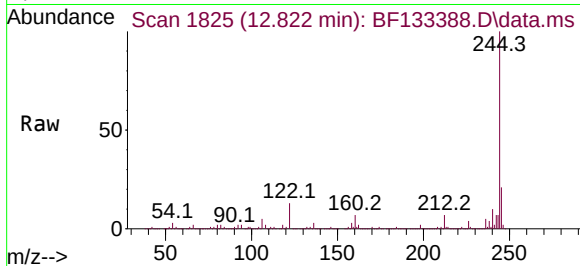




#79
 Terphenyl-d14
 Concen: 70.066 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

Tgt Ion:244 Resp: 1582556
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.4 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

Tgt Ion:264 Resp: 404056
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.5 17.0 25.4

