

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133520.D
 Acq On : 30 May 2023 14:11
 Operator : CG\JU
 Sample : 02945-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03RE

Quant Time: May 30 14:41:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	143796	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	547686	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	264320	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	510413	20.000	ng	0.00
76) Chrysene-d12	13.998	240	302378	20.000	ng	0.00
86) Perylene-d12	15.457	264	282147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	381652	44.283	ng	0.00
7) Phenol-d6	6.445	99	290919	27.421	ng	-0.02
23) Nitrobenzene-d5	7.398	82	845613	103.089	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	242746	92.131	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1462758	85.415	ng	0.00
79) Terphenyl-d14	12.951	244	1483254	87.215	ng	0.00

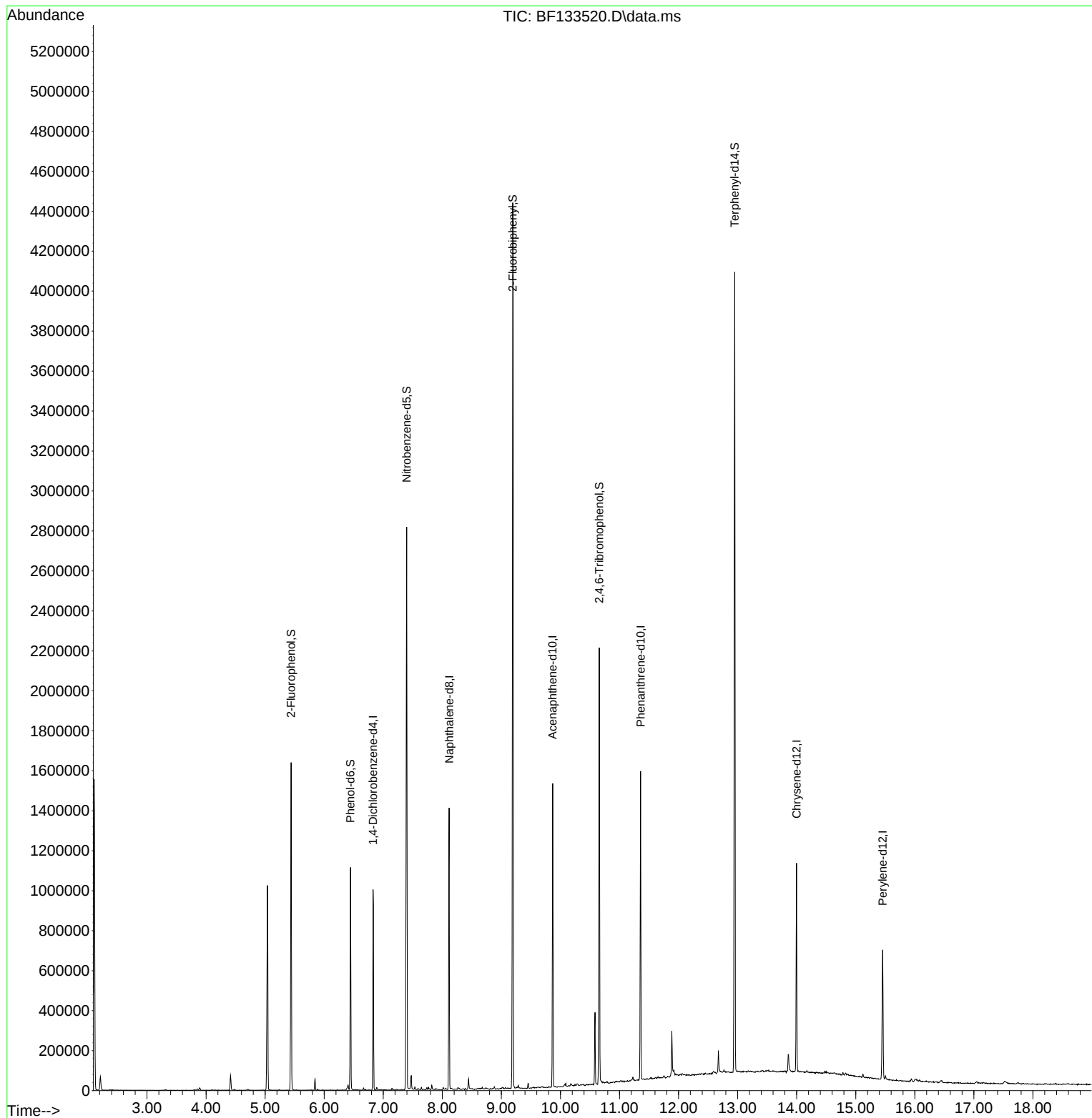
Target Compounds	Qvalue

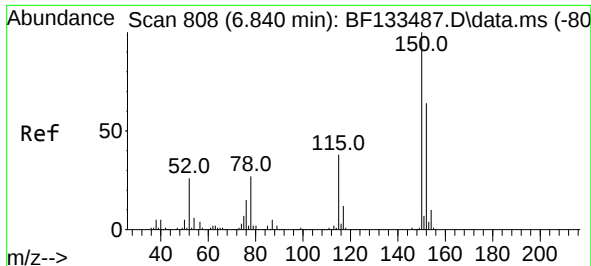
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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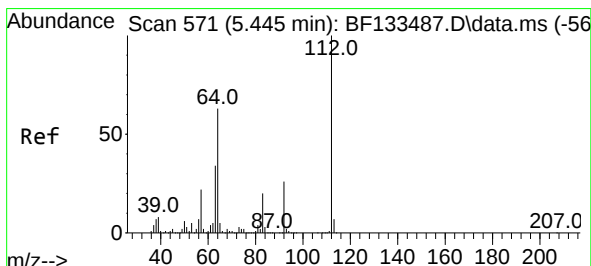
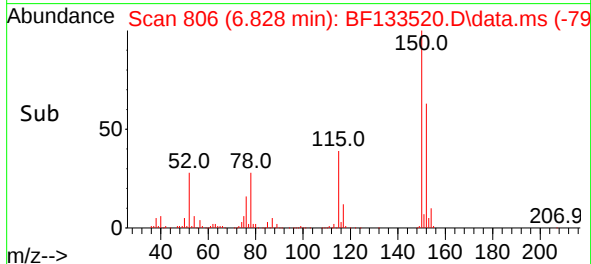
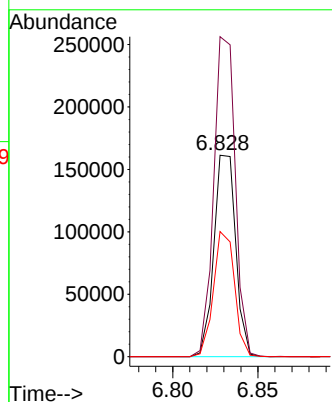
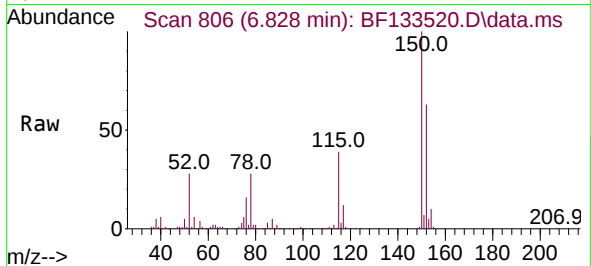




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133520.D
 Acq: 30 May 2023 14:11

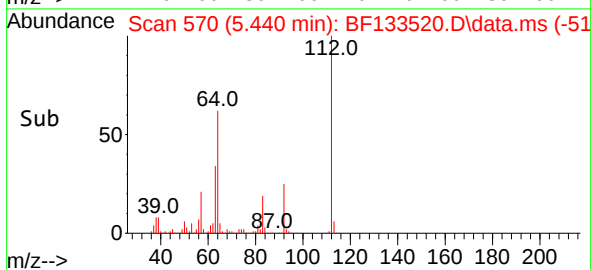
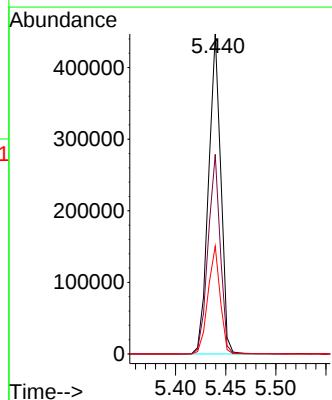
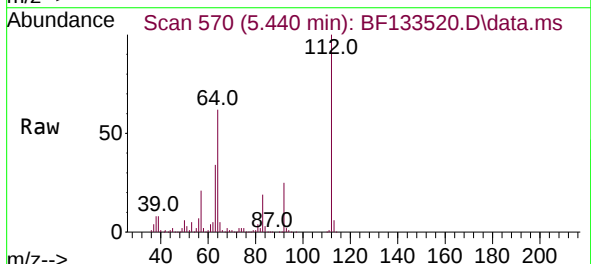
Instrument :
 BNA_F
 ClientSampleId :
 TWP03RE

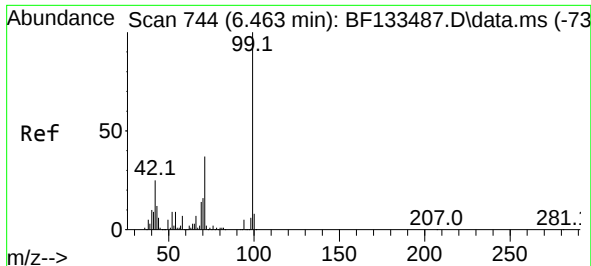
Tgt Ion:152 Resp: 143796
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.9 187.3
 115 62.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 44.283 ng
 RT: 5.440 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: BF133520.D
 Acq: 30 May 2023 14:11

Tgt Ion:112 Resp: 381652
 Ion Ratio Lower Upper
 112 100
 64 62.3 50.1 75.1
 63 33.7 27.5 41.3

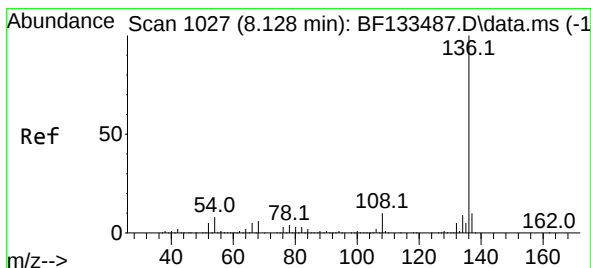
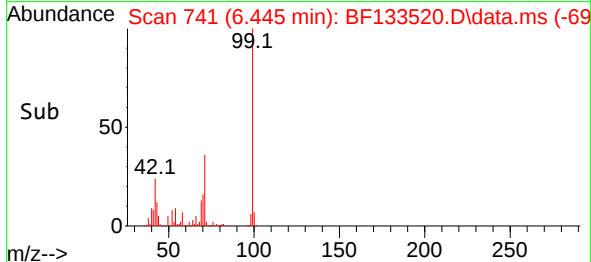
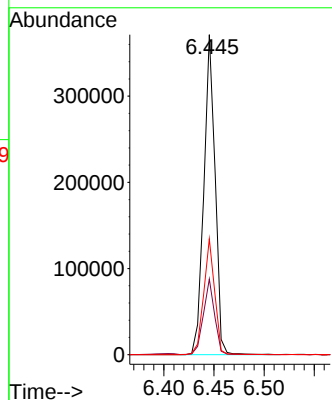
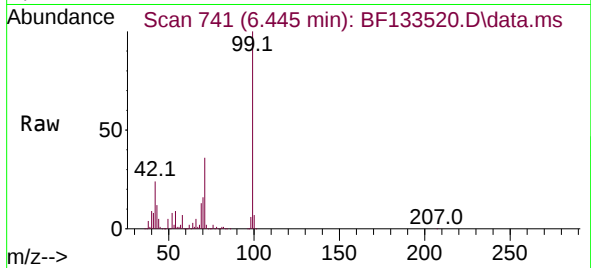




#7
Phenol-d6
Concen: 27.421 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

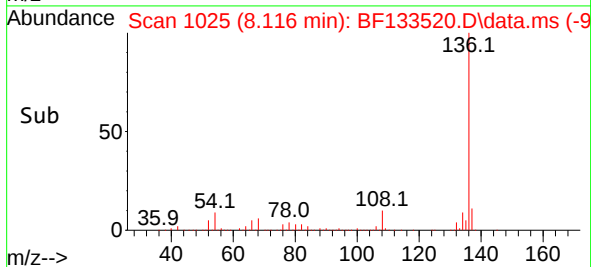
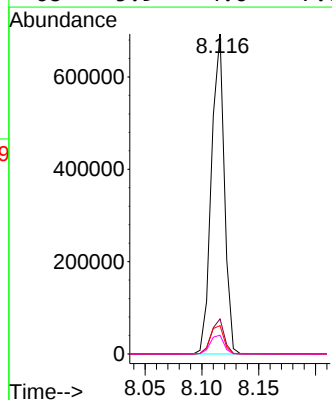
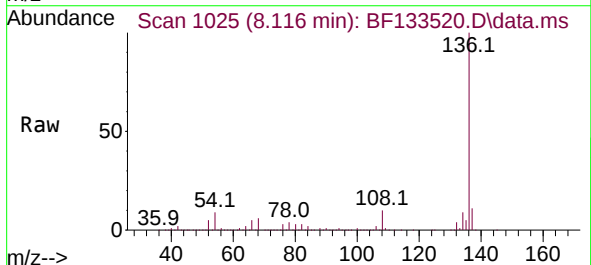
Instrument :
BNA_F
ClientSampleId :
TWP03RE

Tgt Ion: 99 Resp: 290919
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

Tgt Ion: 136 Resp: 547686
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.9 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 103.089 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133520.D

Acq: 30 May 2023 14:11

Instrument :

BNA_F

ClientSampleId :

TWP03RE

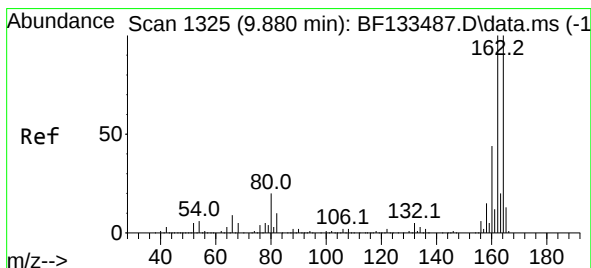
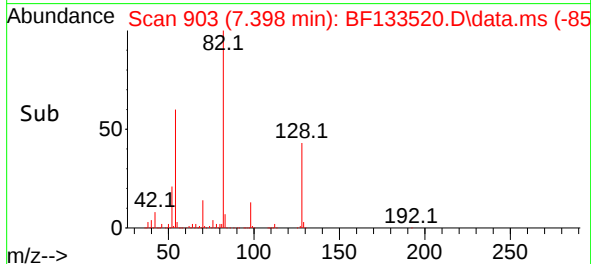
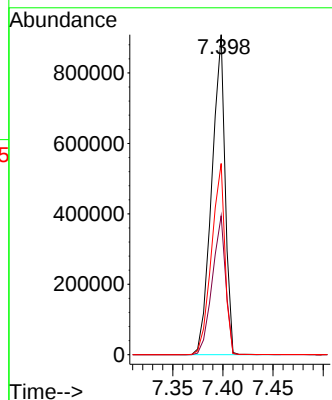
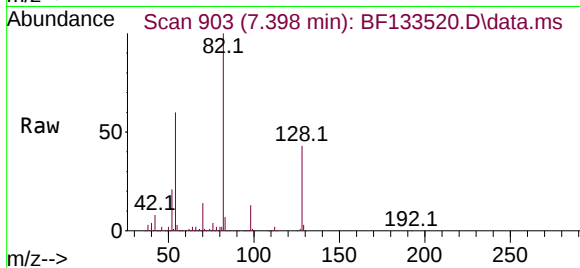
Tgt Ion: 82 Resp: 845613

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 59.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133520.D

Acq: 30 May 2023 14:11

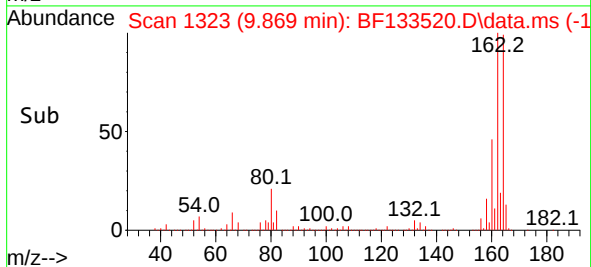
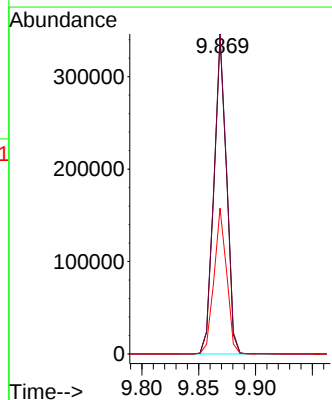
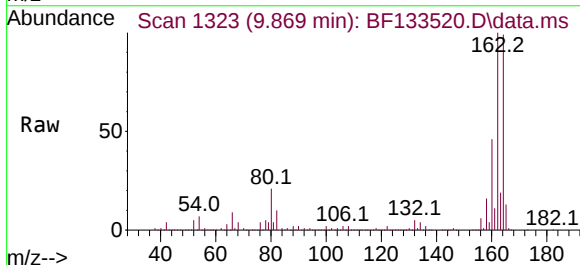
Tgt Ion:164 Resp: 264320

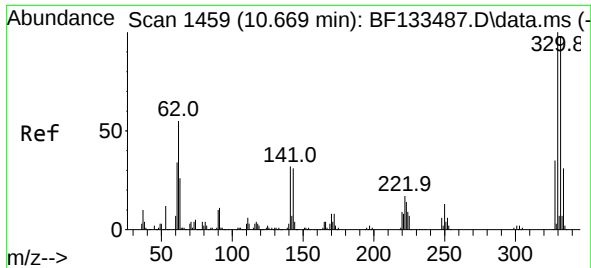
Ion Ratio Lower Upper

164 100

162 100.9 79.7 119.5

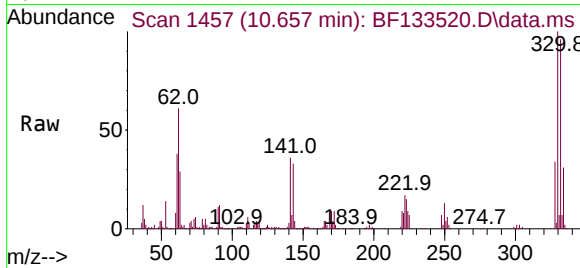
160 46.0 35.4 53.0



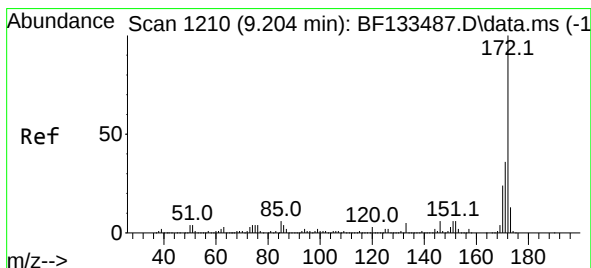
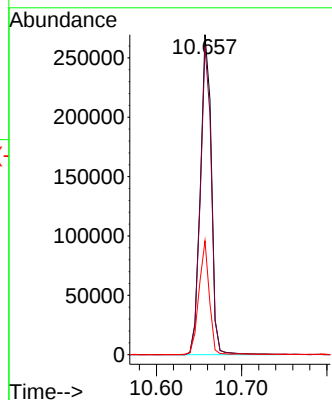
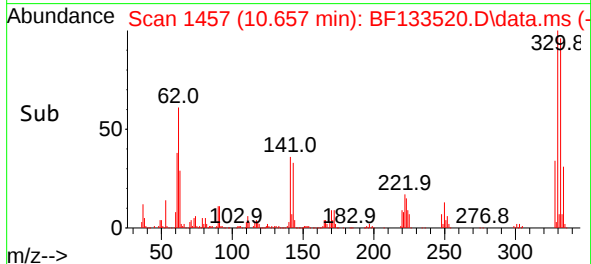


#42
2,4,6-Tribromophenol
Concen: 92.131 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

Instrument :
BNA_F
ClientSampleId :
TWP03RE

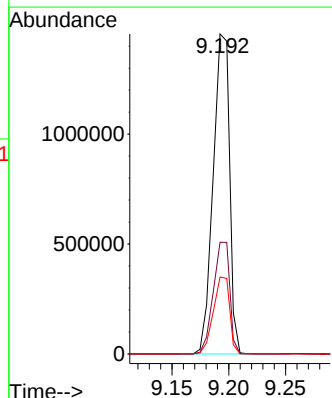
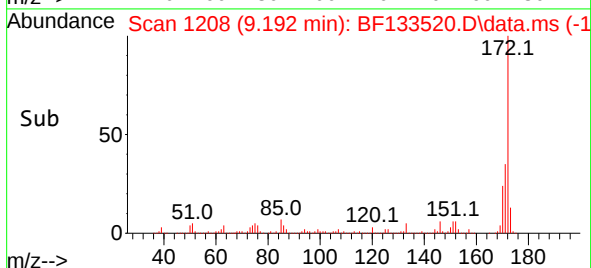
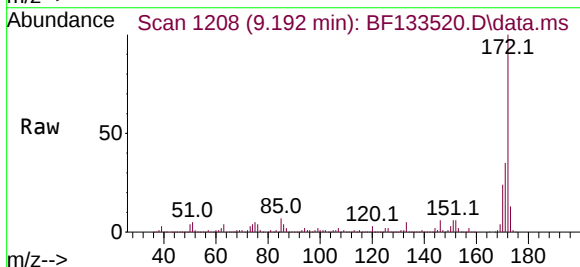


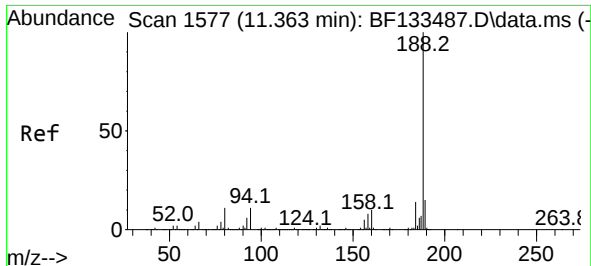
Tgt Ion:330 Resp: 242746
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 33.3 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 85.415 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

Tgt Ion:172 Resp: 1462758
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 24.0 19.3 28.9

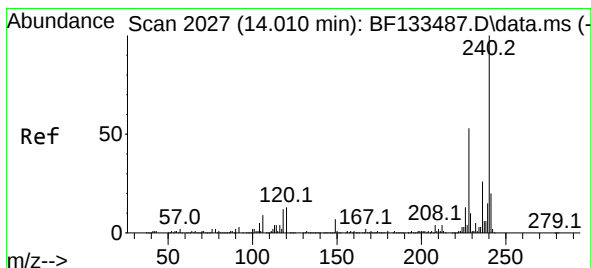
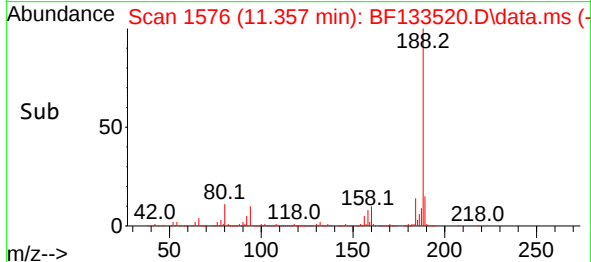
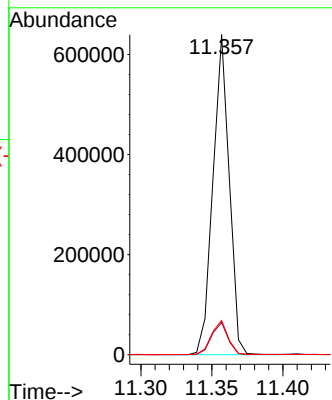
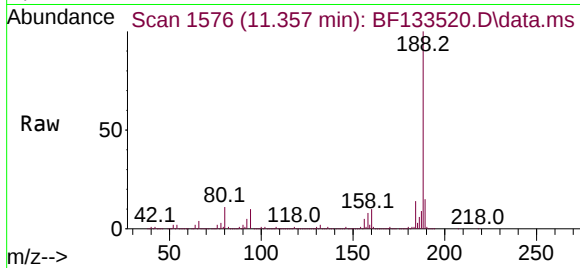




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

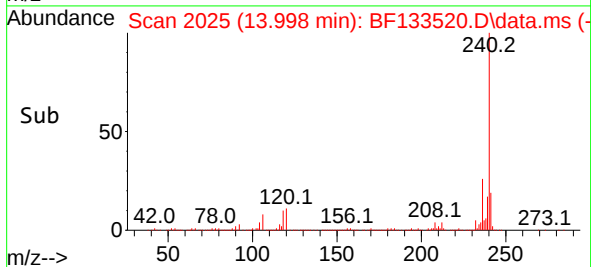
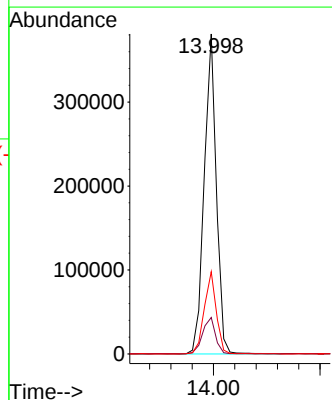
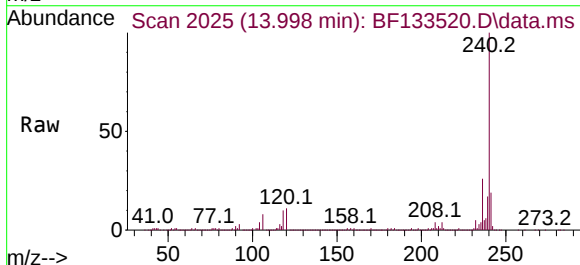
Instrument :
BNA_F
ClientSampleId :
TWP03RE

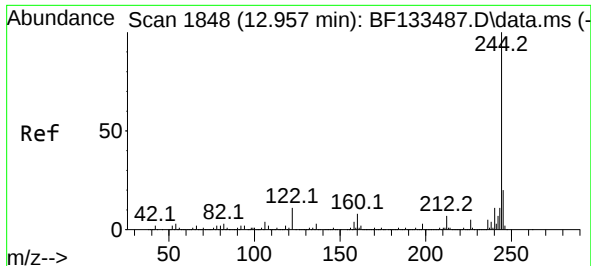
Tgt Ion:188 Resp: 510413
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133520.D
Acq: 30 May 2023 14:11

Tgt Ion:240 Resp: 302378
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 25.7 20.5 30.7

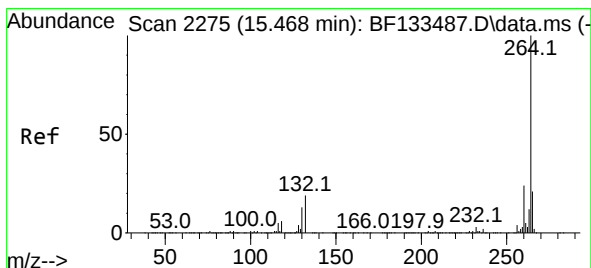
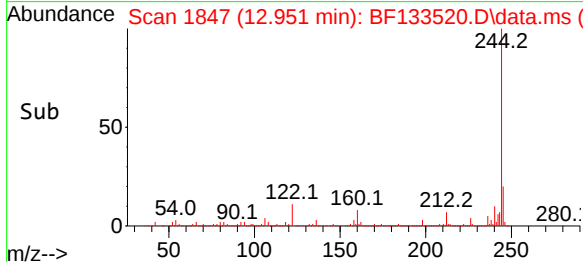
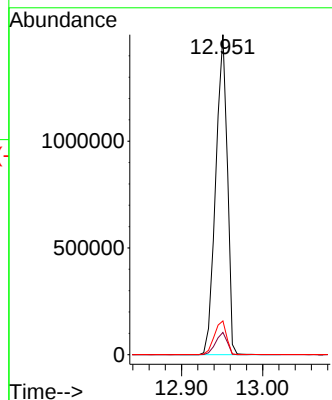
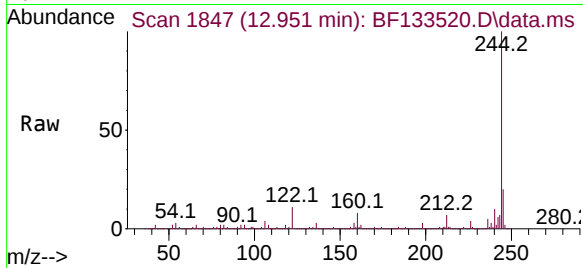




#79
 Terphenyl-d14
 Concen: 87.215 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133520.D
 Acq: 30 May 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 TWP03RE

Tgt Ion:244 Resp: 1483254
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133520.D
 Acq: 30 May 2023 14:11

Tgt Ion:264 Resp: 282147
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 16.8 25.2

