

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133463.D
 Acq On : 24 May 2023 11:11
 Operator : CG\JU
 Sample : PB153000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153000BL

Quant Time: May 24 12:08:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	118647	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	458419	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	216503	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	408769	20.000	ng	0.00
76) Chrysene-d12	14.004	240	293291	20.000	ng	0.00
86) Perylene-d12	15.462	264	317791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	928595	127.936	ng	0.01
7) Phenol-d6	6.463	99	1136455	130.245	ng	0.00
23) Nitrobenzene-d5	7.404	82	689185	103.938	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	271746	135.876	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1252727	81.407	ng	0.00
79) Terphenyl-d14	12.957	244	1353140	88.209	ng	0.00

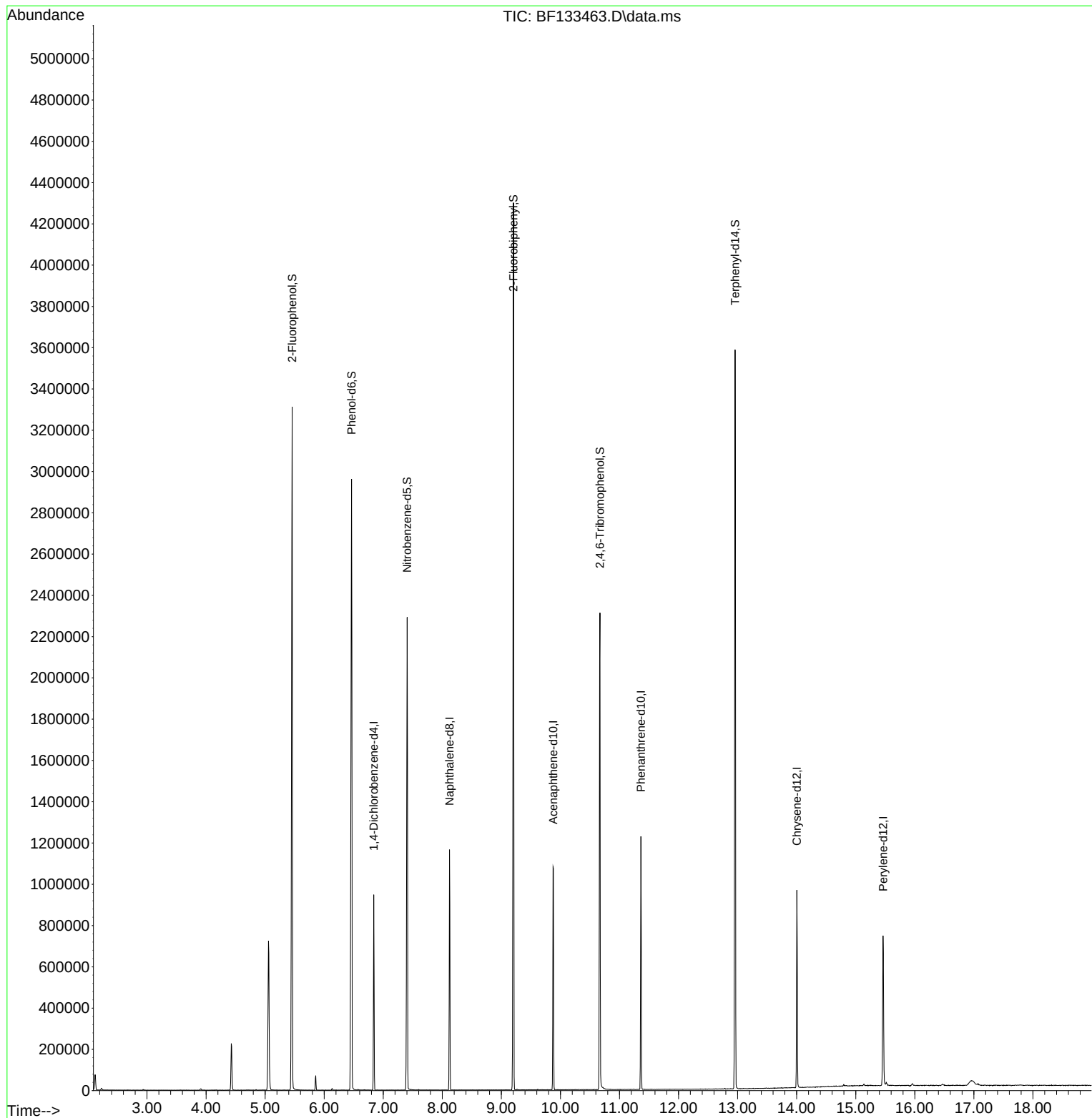
Target Compounds	Qvalue

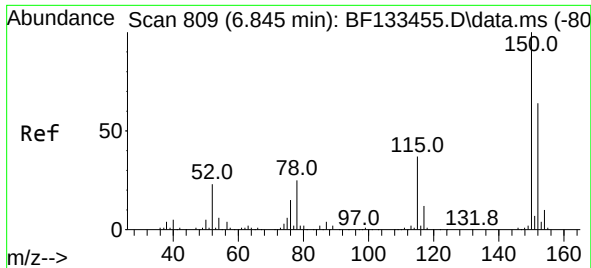
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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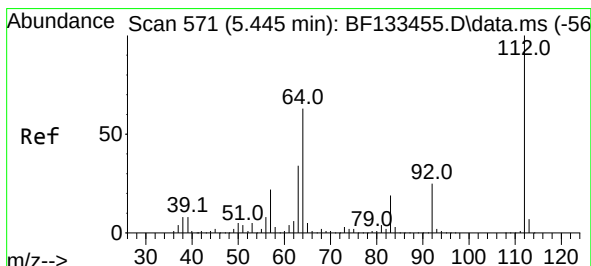
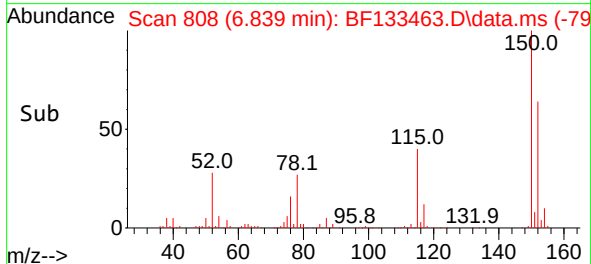
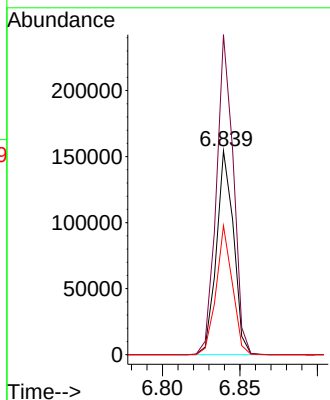
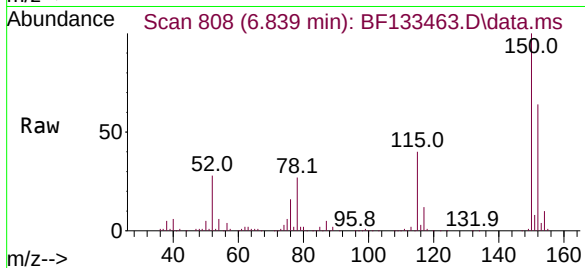




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133463.D
Acq: 24 May 2023 11:11

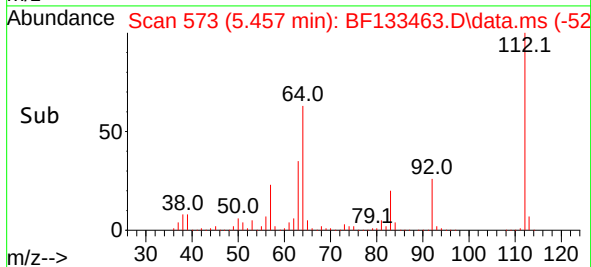
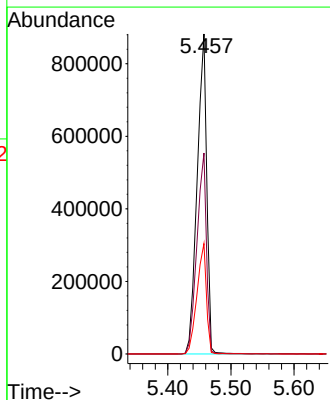
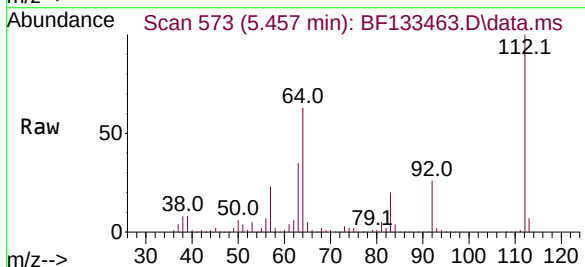
Instrument :
BNA_F
ClientSampleId :
PB153000BL

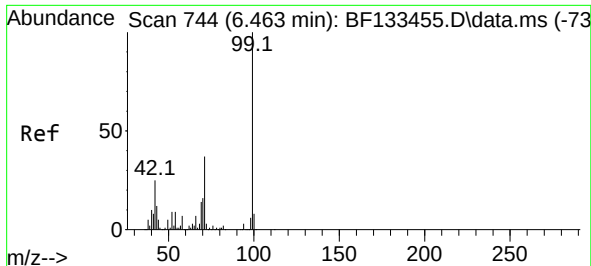
Tgt Ion:152 Resp: 118647
Ion Ratio Lower Upper
152 100
150 157.0 125.6 188.4
115 63.3 47.0 70.4



#5
2-Fluorophenol
Concen: 127.936 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133463.D
Acq: 24 May 2023 11:11

Tgt Ion:112 Resp: 928595
Ion Ratio Lower Upper
112 100
64 62.8 50.2 75.4
63 34.5 27.2 40.8

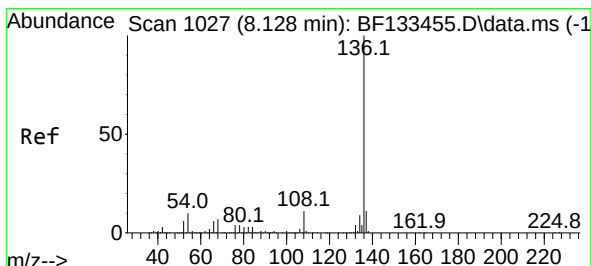
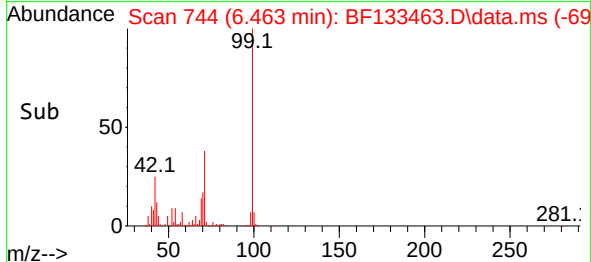
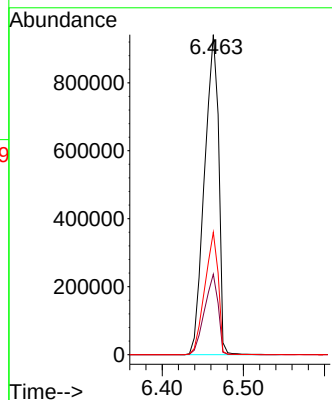
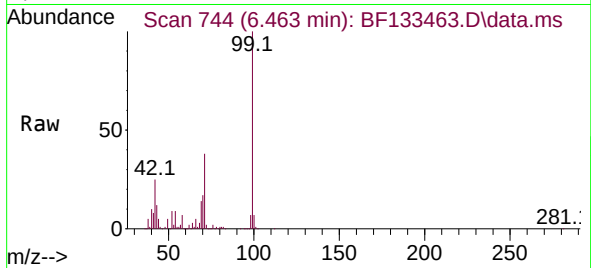




#7
Phenol-d6
Concen: 130.245 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133463.D
Acq: 24 May 2023 11:11

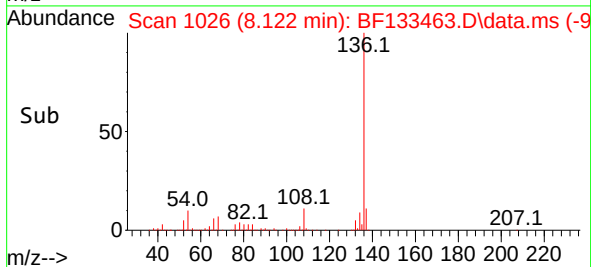
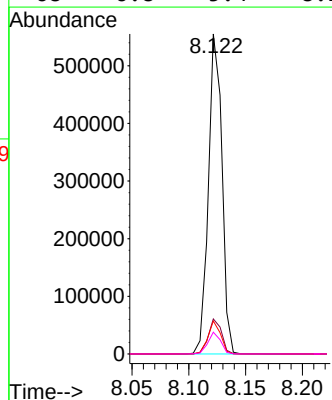
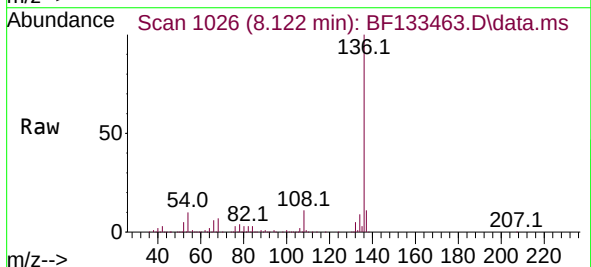
Instrument :
BNA_F
ClientSampleId :
PB153000BL

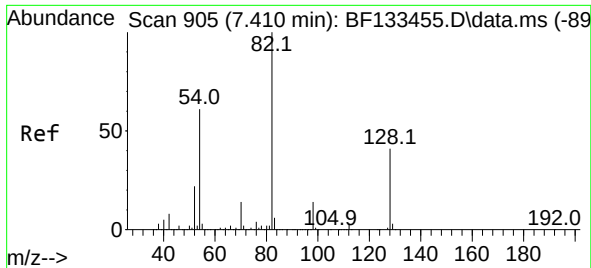
Tgt Ion: 99 Resp: 1136455
Ion Ratio Lower Upper
99 100
42 25.1 19.6 29.4
71 38.2 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133463.D
Acq: 24 May 2023 11:11

Tgt Ion:136 Resp: 458419
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 8.0 12.0
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 103.938 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133463.D

Acq: 24 May 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB153000BL

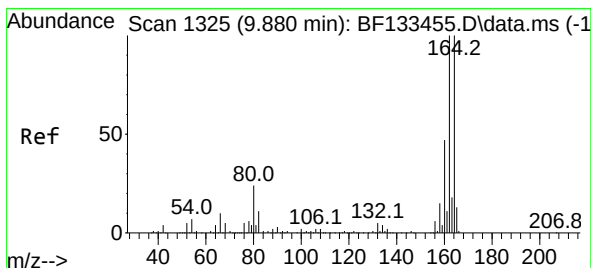
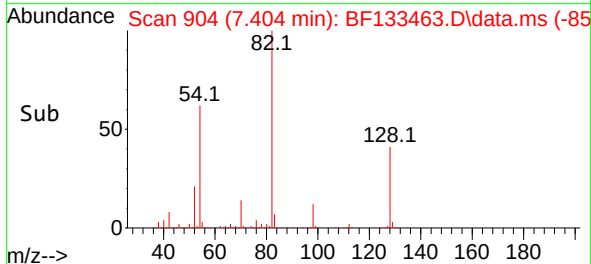
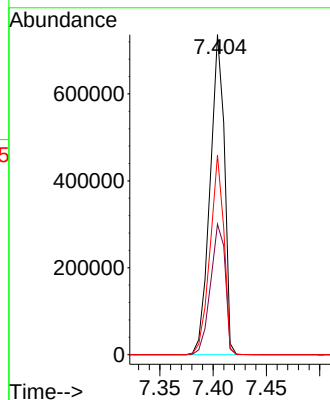
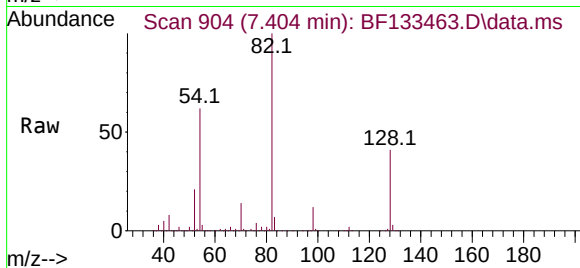
Tgt Ion: 82 Resp: 689185

Ion Ratio Lower Upper

82 100

128 40.8 33.0 49.6

54 62.4 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF133463.D

Acq: 24 May 2023 11:11

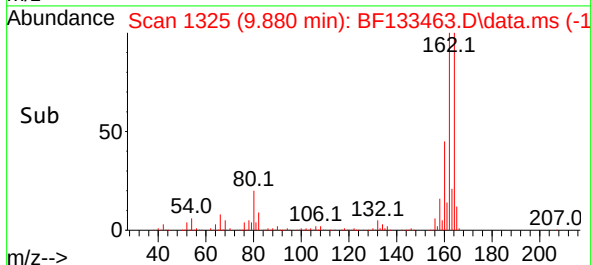
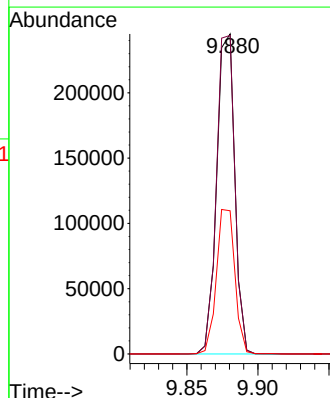
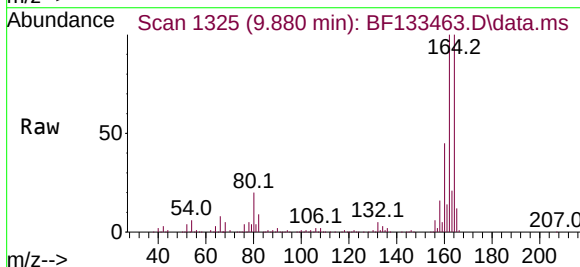
Tgt Ion: 164 Resp: 216503

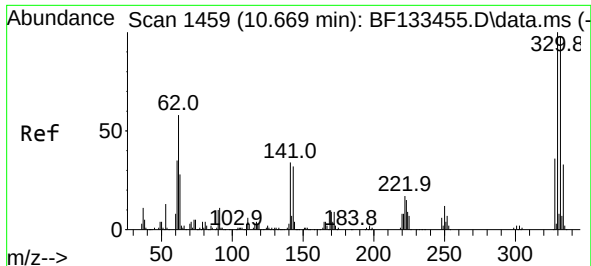
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.6

160 44.7 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 135.876 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133463.D

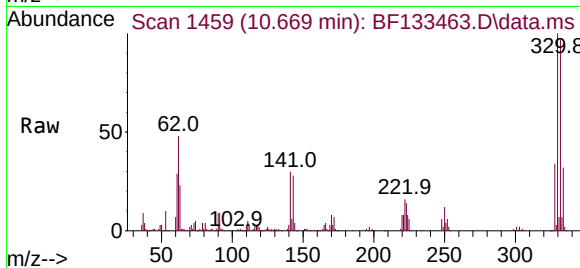
Acq: 24 May 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB153000BL



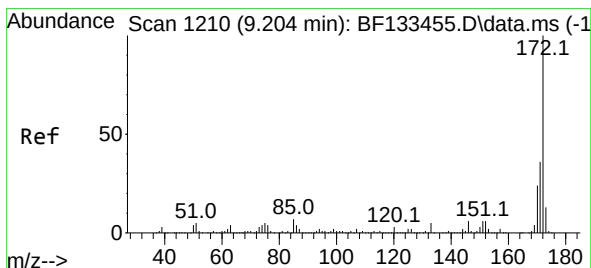
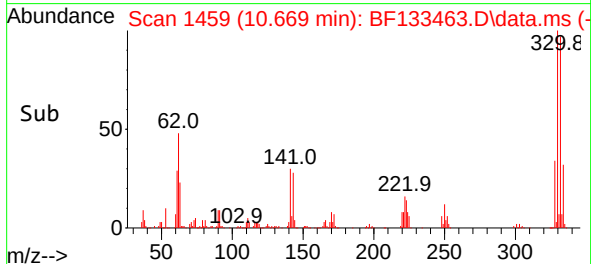
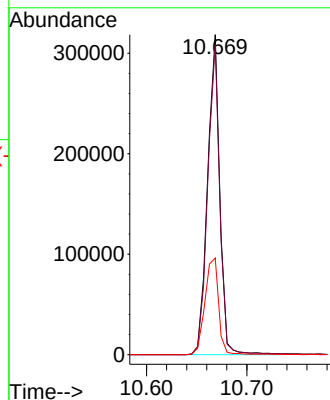
Tgt Ion:330 Resp: 271746

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 34.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 81.407 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133463.D

Acq: 24 May 2023 11:11

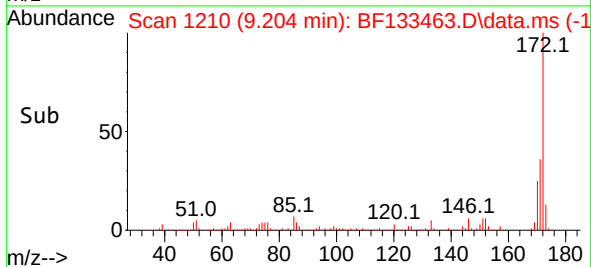
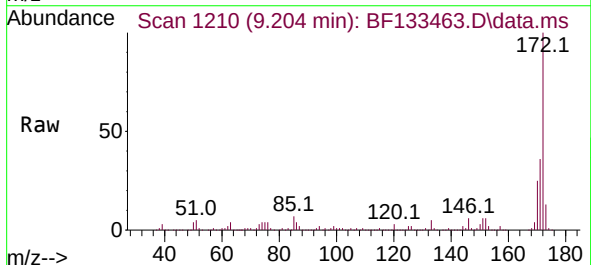
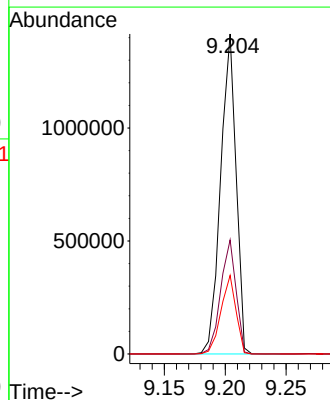
Tgt Ion:172 Resp: 1252727

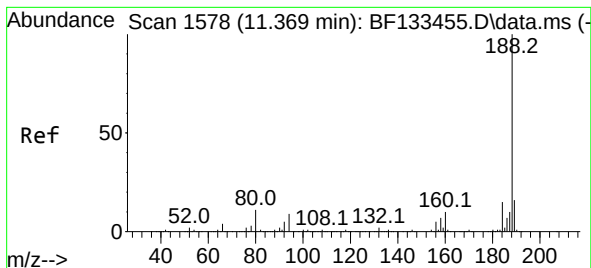
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133463.D

Acq: 24 May 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB153000BL

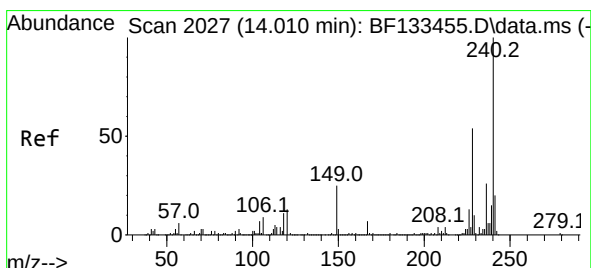
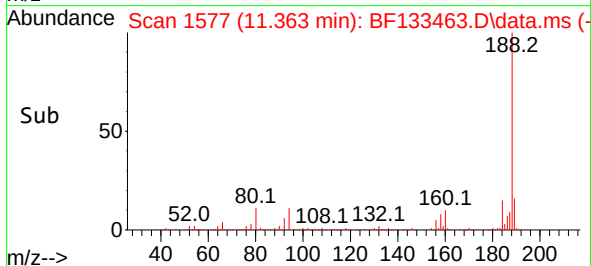
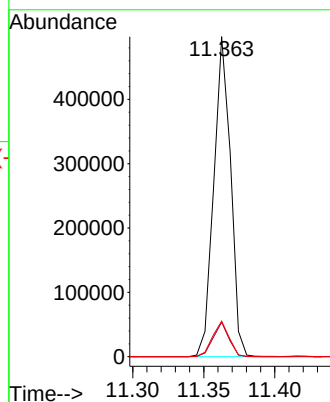
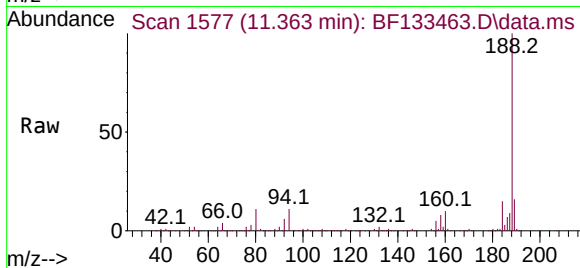
Tgt Ion:188 Resp: 408769

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

80 11.1 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133463.D

Acq: 24 May 2023 11:11

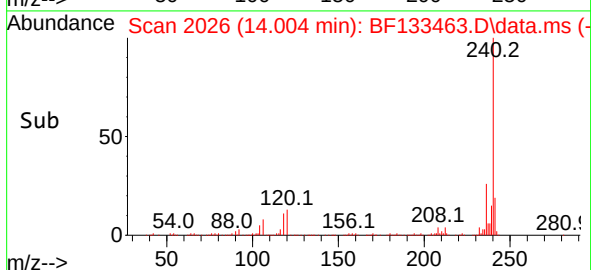
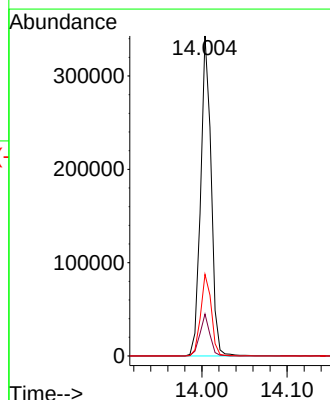
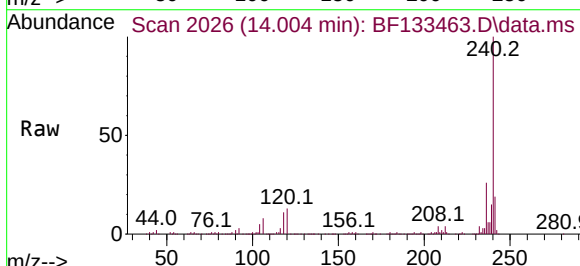
Tgt Ion:240 Resp: 293291

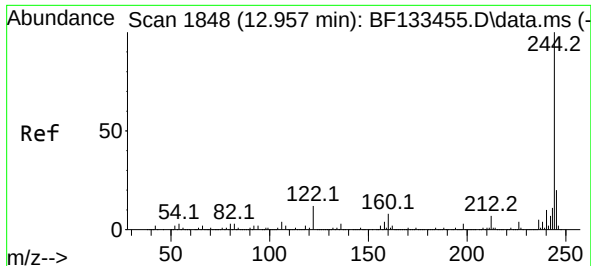
Ion Ratio Lower Upper

240 100

120 13.1 10.2 15.4

236 25.5 20.9 31.3

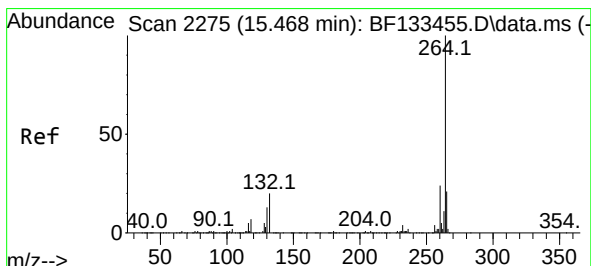
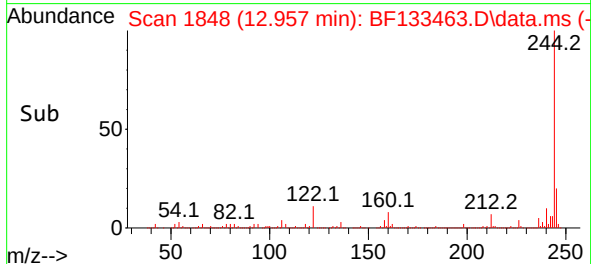
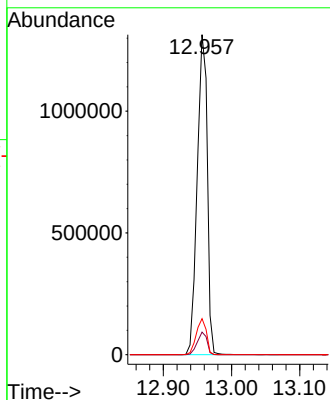
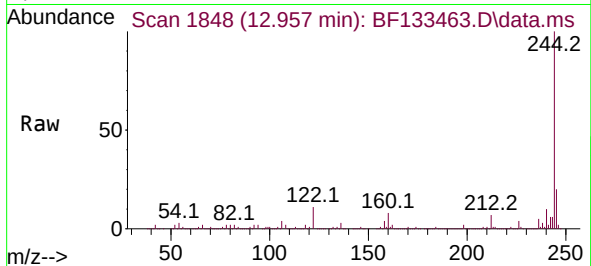




#79
 Terphenyl-d14
 Concen: 88.209 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133463.D
 Acq: 24 May 2023 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB153000BL

Tgt Ion:244 Resp: 1353140
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133463.D
 Acq: 24 May 2023 11:11

Tgt Ion:264 Resp: 317791
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.7 17.0 25.4

