

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133517.D
 Acq On : 30 May 2023 12:22
 Operator : CG\JU
 Sample : PB153075BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BL

Quant Time: May 30 13:16:39 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	6.834	152	138158	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	530498	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	271955	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	555573	20.000	ng	0.00
76) Chrysene-d12	13.998	240	446074	20.000	ng	0.00
86) Perylene-d12	15.457	264	448461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1100128	132.857	ng	0.01
7) Phenol-d6	6.463	99	1343000	131.751	ng	0.00
23) Nitrobenzene-d5	7.398	82	817709	102.917	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	373947	137.942	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1531641	86.926	ng	0.00
79) Terphenyl-d14	12.951	244	1950937	77.761	ng	0.00

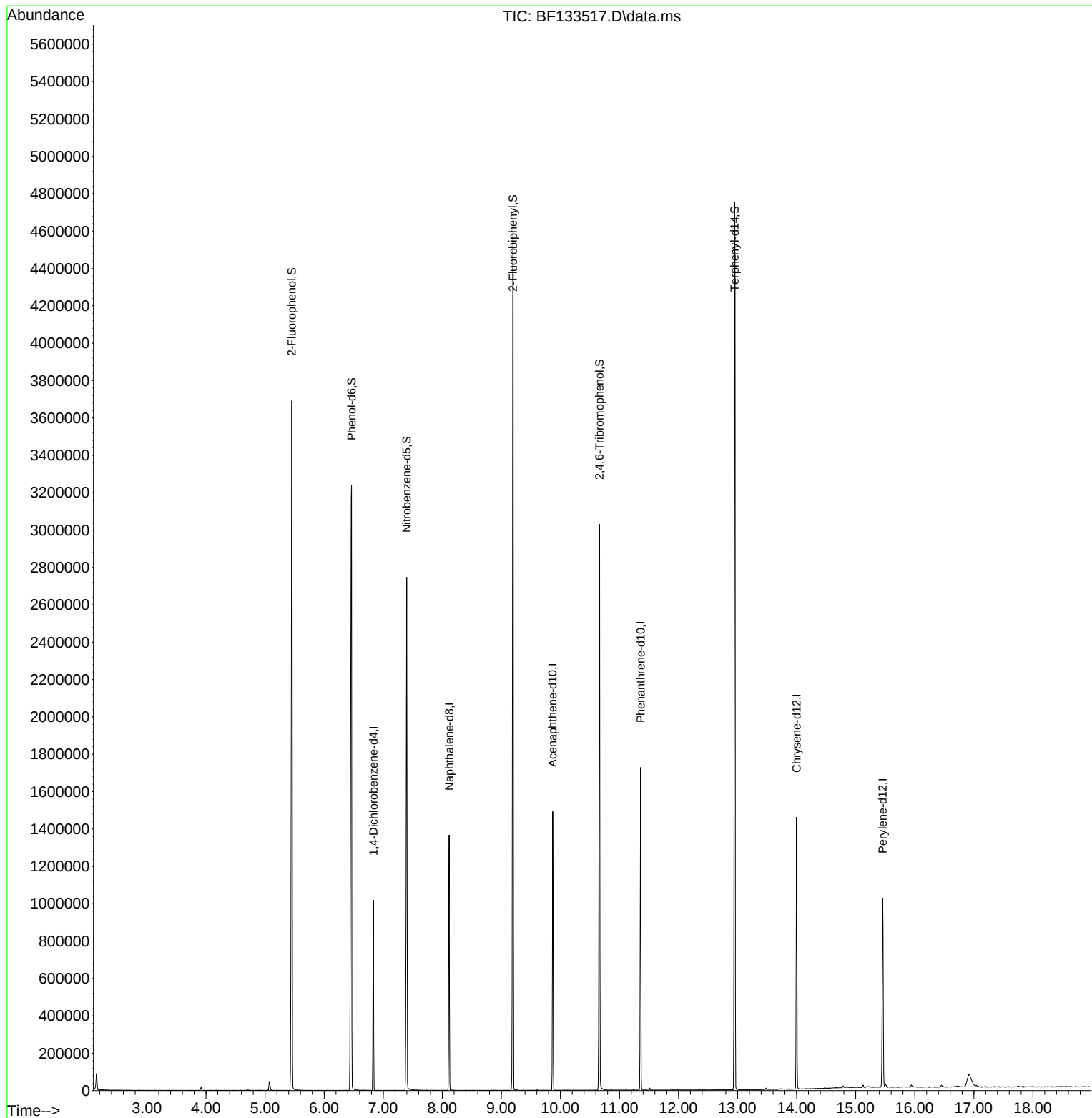
Target Compounds	Qvalue

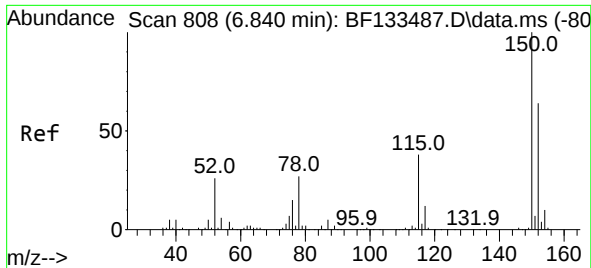
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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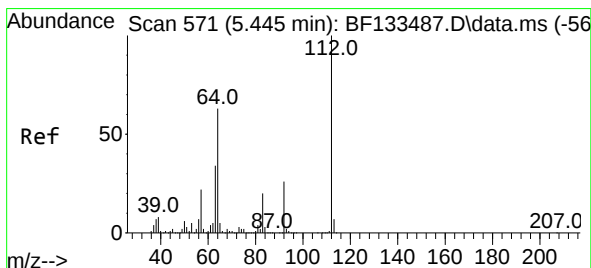
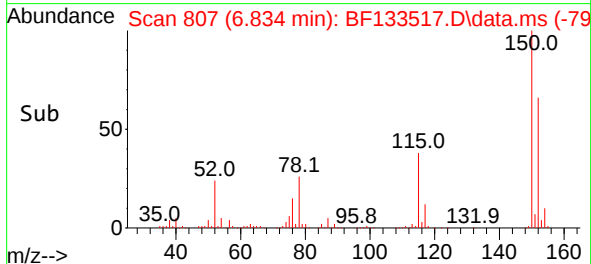
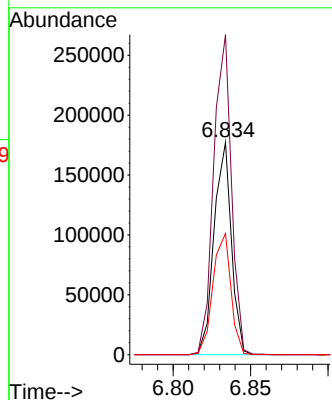
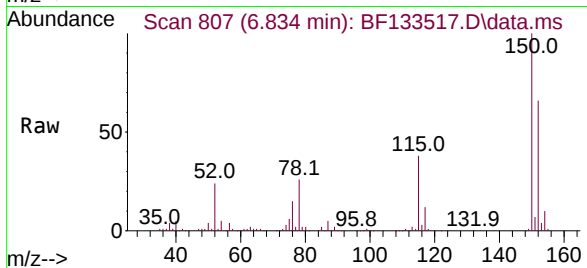




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133517.D
Acq: 30 May 2023 12:22

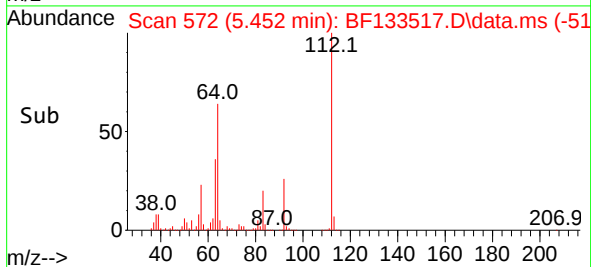
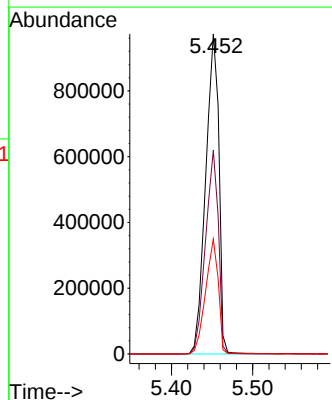
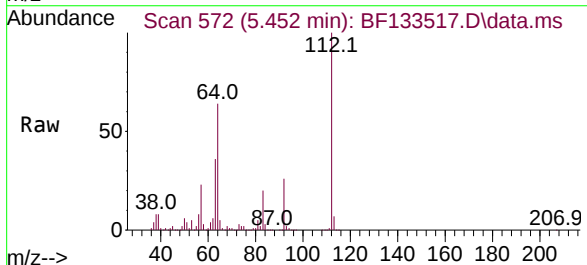
Instrument :
BNA_F
ClientSampleId :
PB153075BL

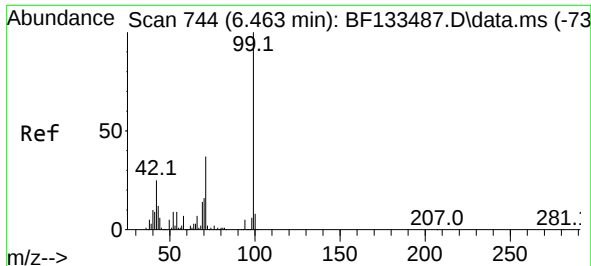
Tgt Ion:152 Resp: 138158
Ion Ratio Lower Upper
152 100
150 150.7 124.9 187.3
115 57.1 48.1 72.1



#5
2-Fluorophenol
Concen: 132.857 ng
RT: 5.452 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133517.D
Acq: 30 May 2023 12:22

Tgt Ion:112 Resp: 1100128
Ion Ratio Lower Upper
112 100
64 63.6 50.1 75.1
63 35.9 27.5 41.3

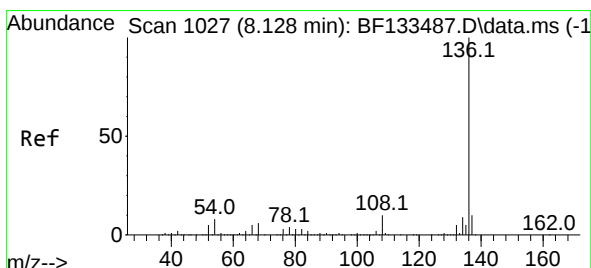
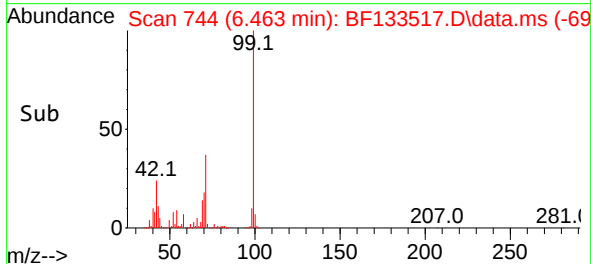
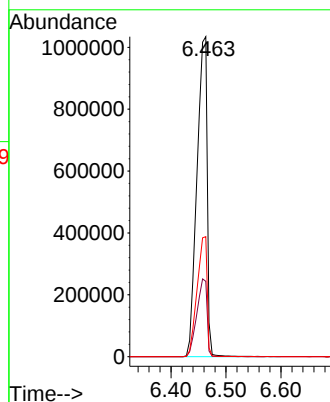
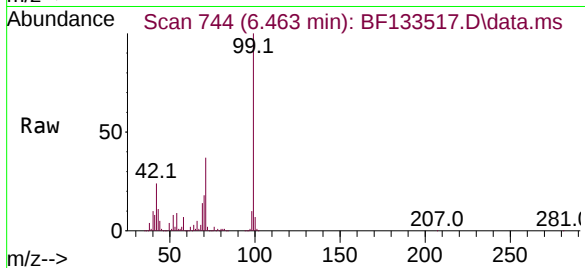




#7
Phenol-d6
Concen: 131.751 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133517.D
Acq: 30 May 2023 12:22

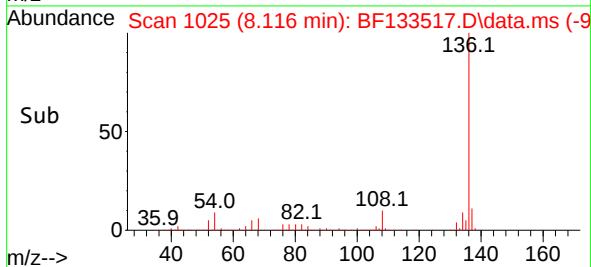
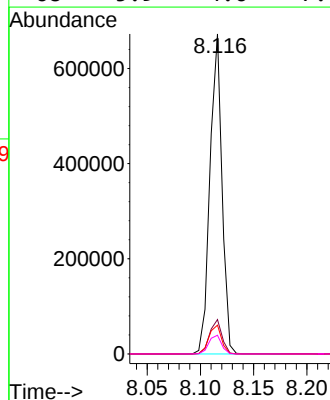
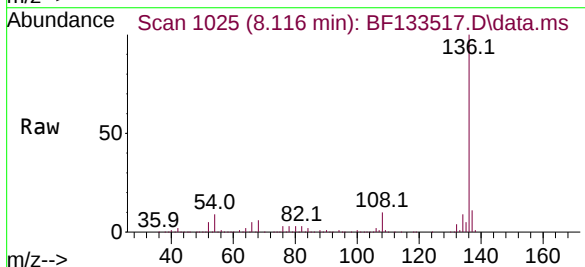
Instrument :
BNA_F
ClientSampleId :
PB153075BL

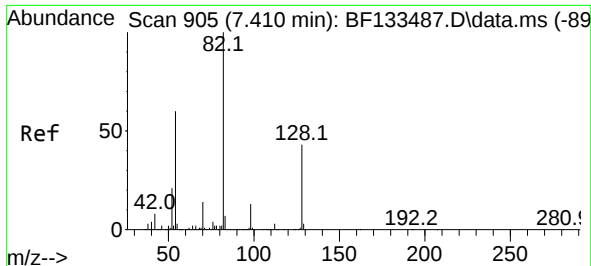
Tgt Ion: 99 Resp: 1343000
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 37.5 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133517.D
Acq: 30 May 2023 12:22

Tgt Ion: 136 Resp: 530498
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 9.0 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.917 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133517.D

Acq: 30 May 2023 12:22

Instrument :

BNA_F

ClientSampleId :

PB153075BL

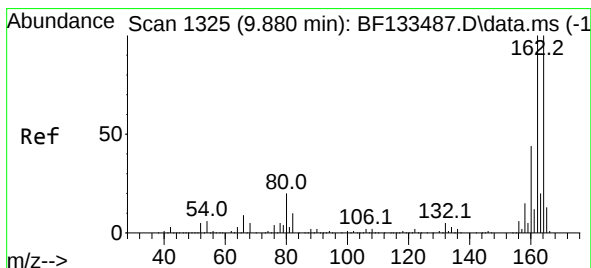
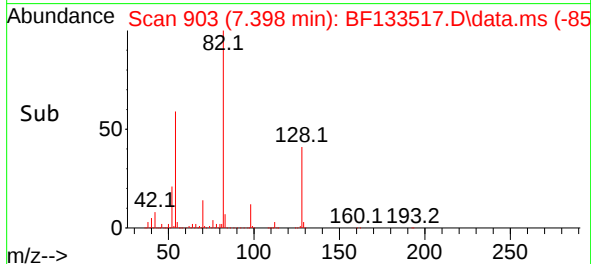
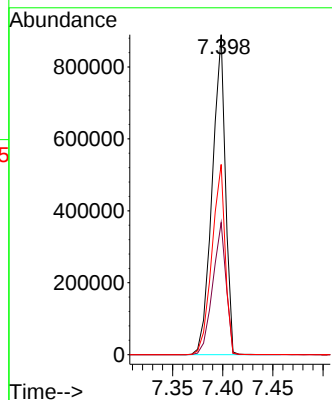
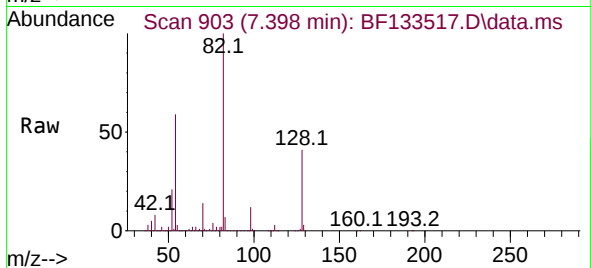
Tgt Ion: 82 Resp: 817709

Ion Ratio Lower Upper

82 100

128 41.3 34.2 51.4

54 59.5 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: BF133517.D

Acq: 30 May 2023 12:22

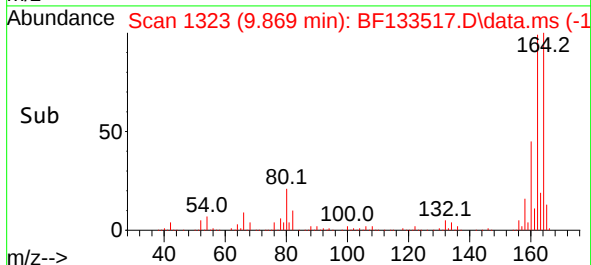
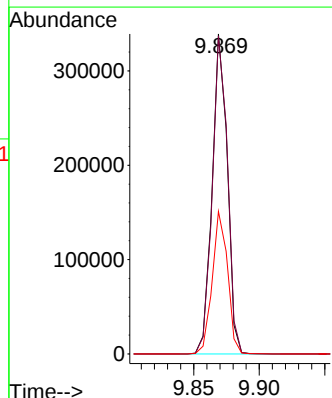
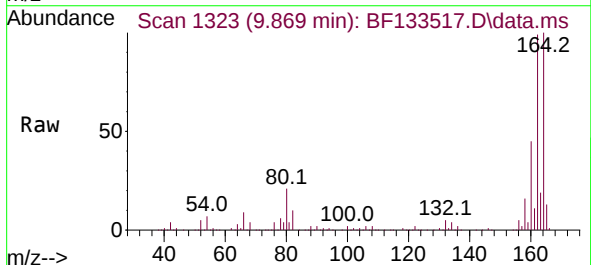
Tgt Ion: 164 Resp: 271955

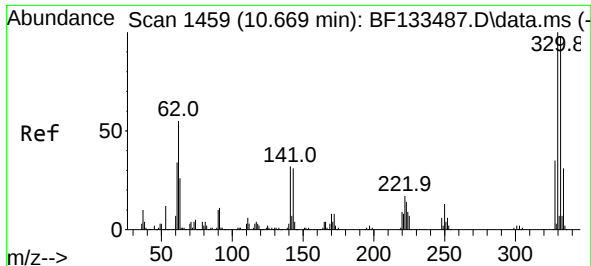
Ion Ratio Lower Upper

164 100

162 99.4 79.7 119.5

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 137.942 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133517.D

Acq: 30 May 2023 12:22

Instrument :

BNA_F

ClientSampleId :

PB153075BL

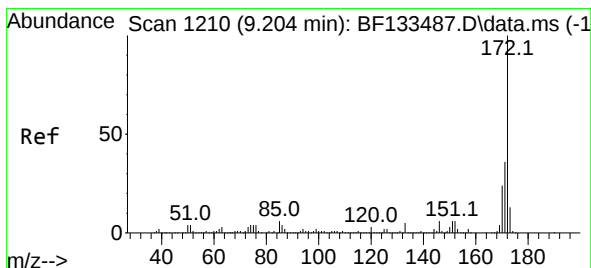
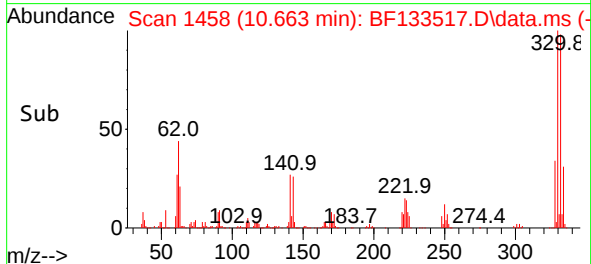
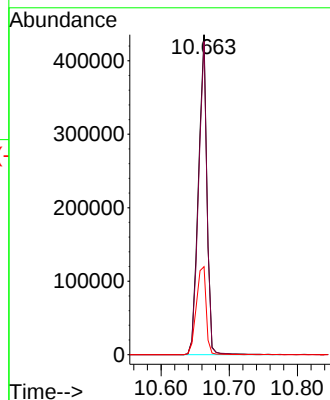
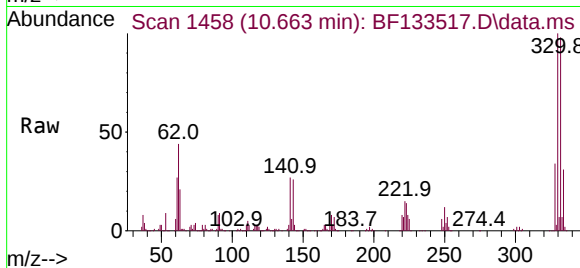
Tgt Ion:330 Resp: 373947

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 31.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 86.926 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133517.D

Acq: 30 May 2023 12:22

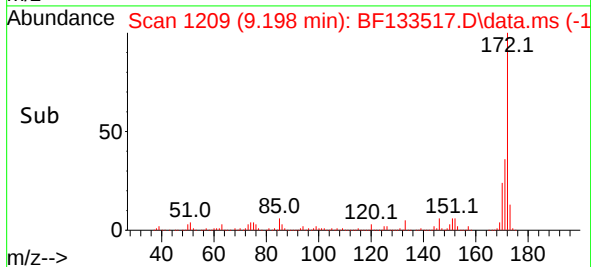
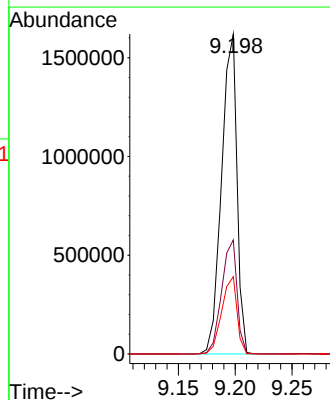
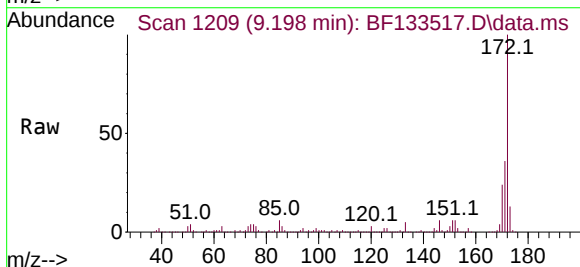
Tgt Ion:172 Resp: 1531641

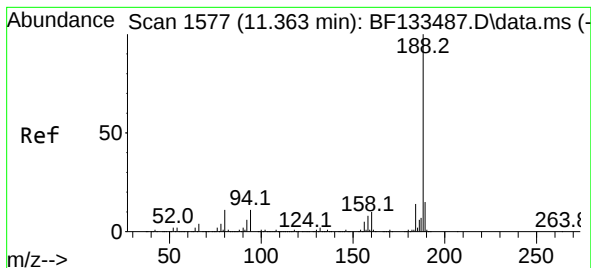
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133517.D

Acq: 30 May 2023 12:22

Instrument :

BNA_F

ClientSampleId :

PB153075BL

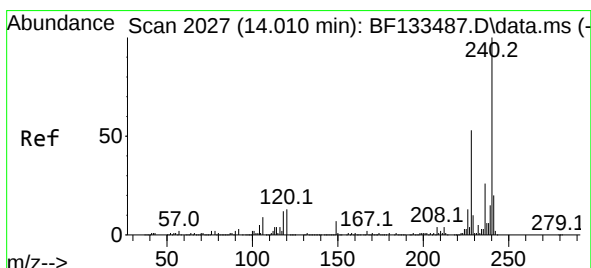
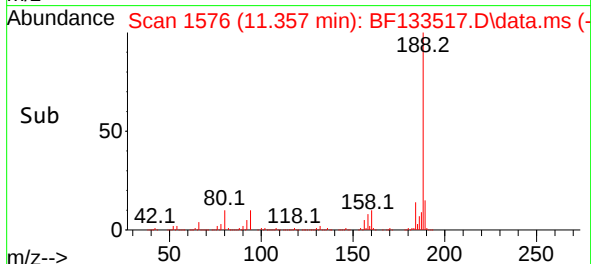
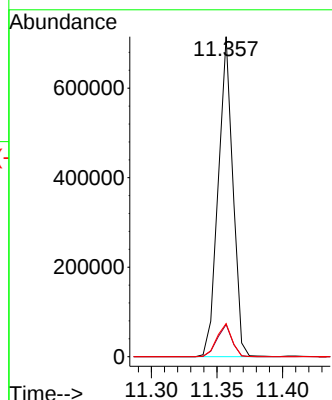
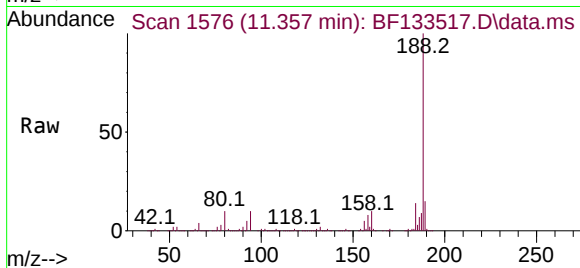
Tgt Ion:188 Resp: 555573

Ion Ratio Lower Upper

188 100

94 10.1 8.6 12.8

80 10.4 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: BF133517.D

Acq: 30 May 2023 12:22

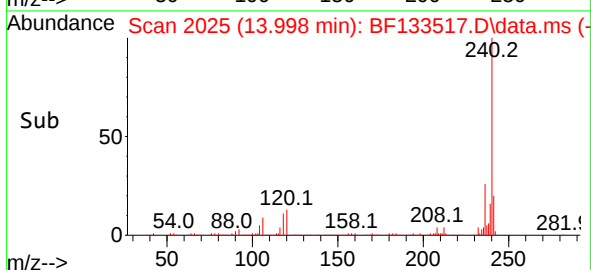
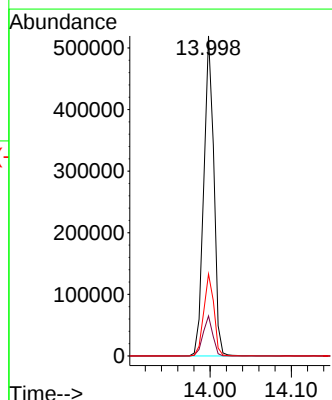
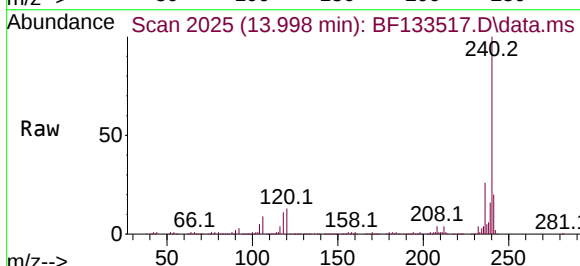
Tgt Ion:240 Resp: 446074

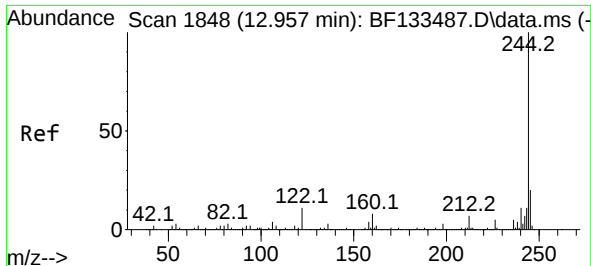
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

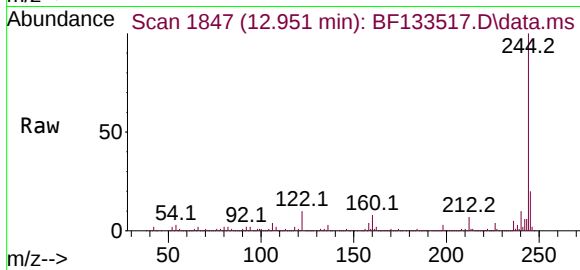
236 25.6 20.5 30.7



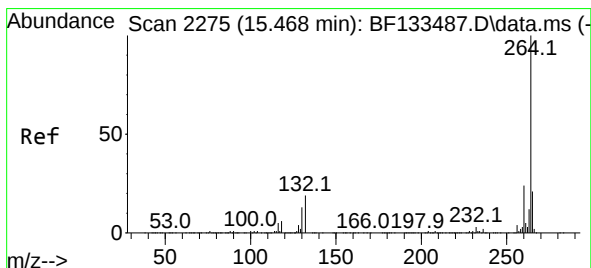
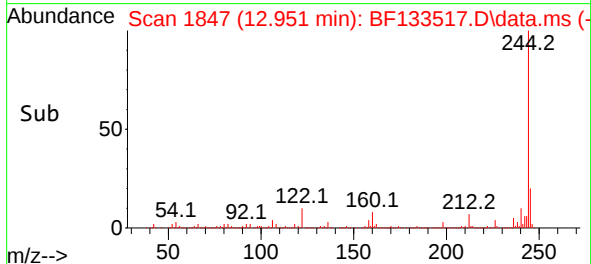
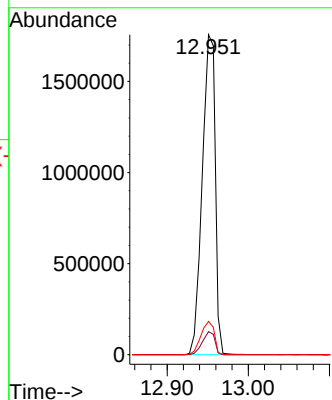


#79
 Terphenyl-d14
 Concen: 77.761 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133517.D
 Acq: 30 May 2023 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BL



Tgt Ion:244 Resp: 1950937
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.4 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: BF133517.D
 Acq: 30 May 2023 12:22

Tgt Ion:264 Resp: 448461
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.0 16.8 25.2

