

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133546.D
 Acq On : 31 May 2023 18:54
 Operator : CG\JU
 Sample : 02972-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-0A

Quant Time: Jun 01 02:03:54 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	121659	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	468130	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233449	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	474206	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	351754	20.000	ng	-0.01
86) Perylene-d12	15.451	264	293677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	741271	101.660	ng	0.00
7) Phenol-d6	6.451	99	804674	89.646	ng	-0.01
23) Nitrobenzene-d5	7.392	82	669621	95.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	307801	132.270	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1202733	79.518	ng	0.00
79) Terphenyl-d14	12.945	244	1551813	78.438	ng	0.00

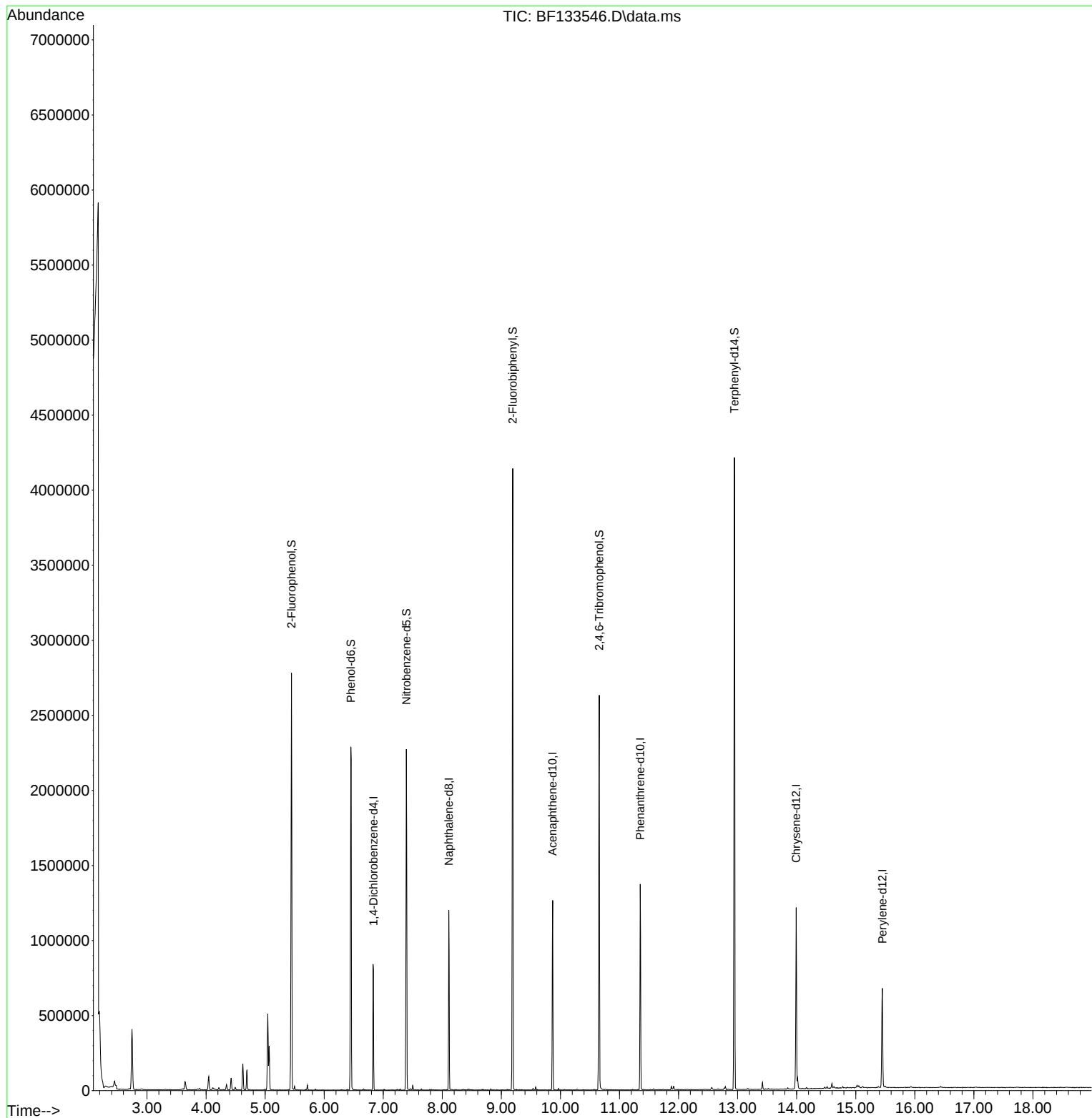
Target Compounds	Qvalue

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

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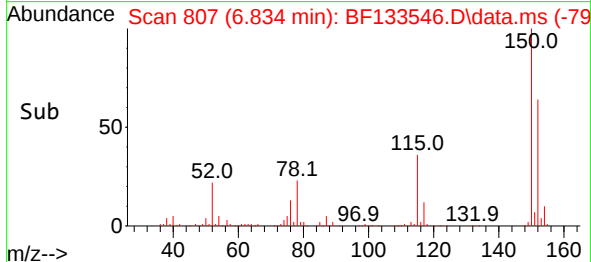
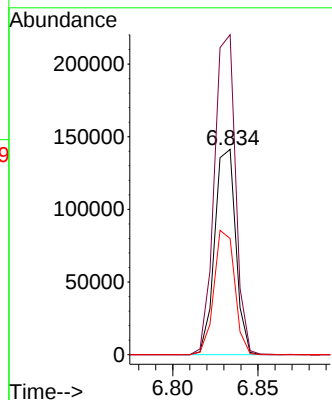
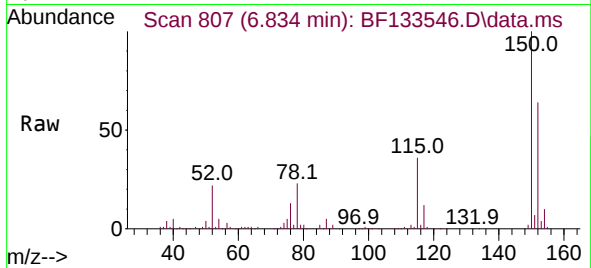




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133546.D
Acq: 31 May 2023 18:54

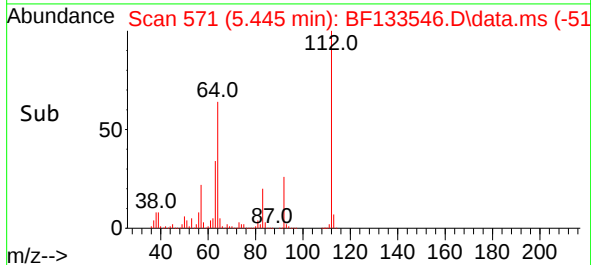
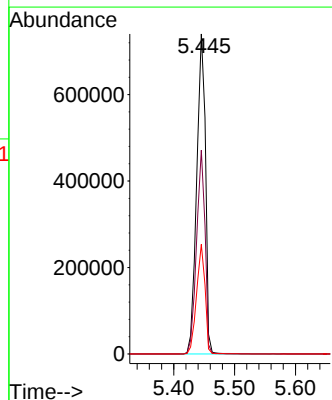
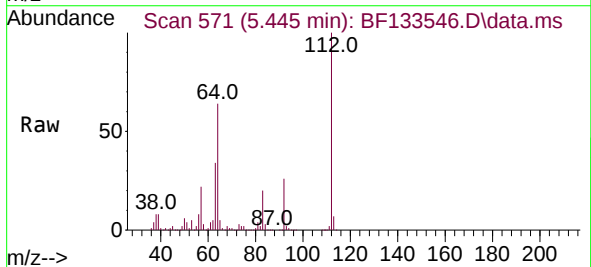
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

Tgt Ion:152 Resp: 121659
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 56.6 48.1 72.1



#5
2-Fluorophenol
Concen: 101.660 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133546.D
Acq: 31 May 2023 18:54

Tgt Ion:112 Resp: 741271
Ion Ratio Lower Upper
112 100
64 63.7 50.1 75.1
63 34.2 27.5 41.3

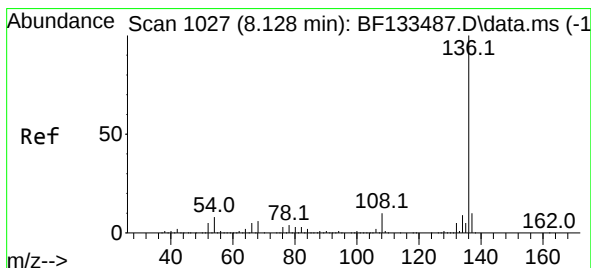
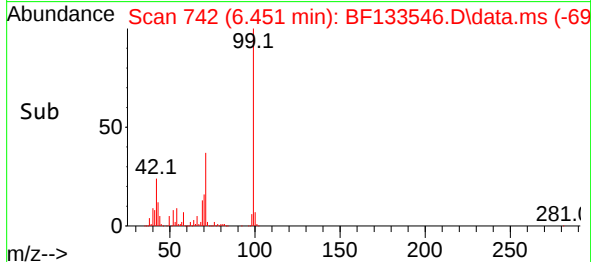
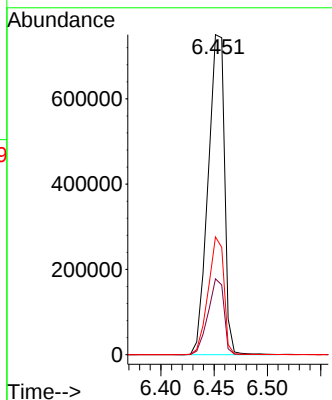
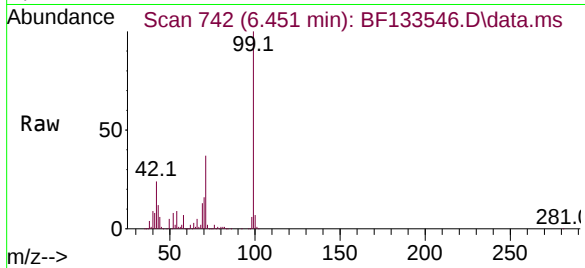




#7
Phenol-d6
Concen: 89.646 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133546.D
Acq: 31 May 2023 18:54

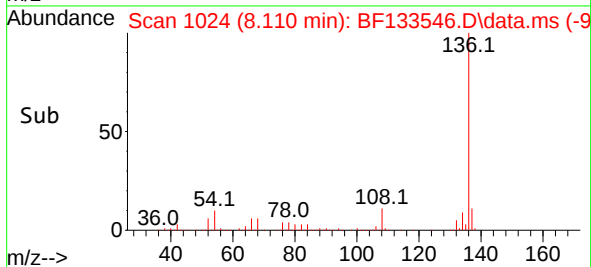
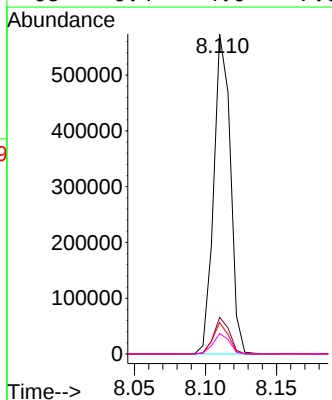
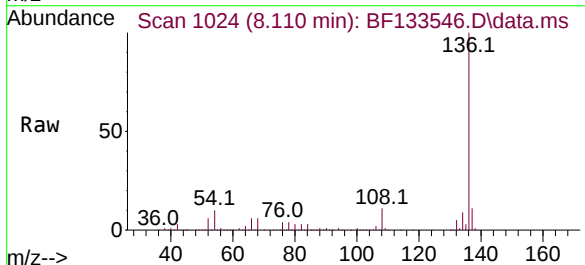
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

Tgt Ion: 99 Resp: 804674
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 36.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133546.D
Acq: 31 May 2023 18:54

Tgt Ion: 136 Resp: 468130
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 95.507 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133546.D

Acq: 31 May 2023 18:54

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

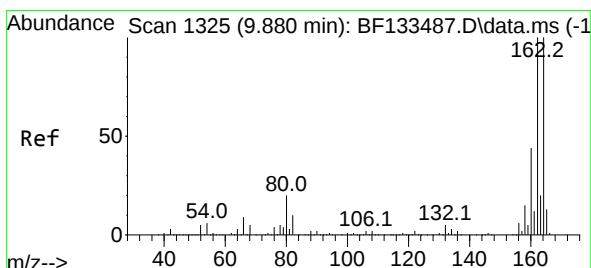
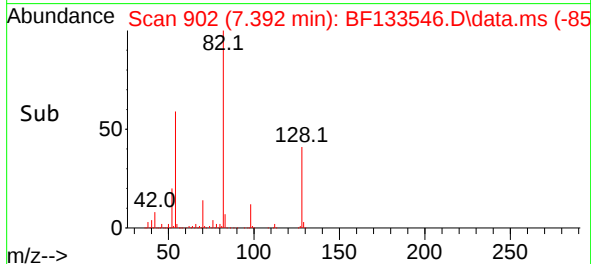
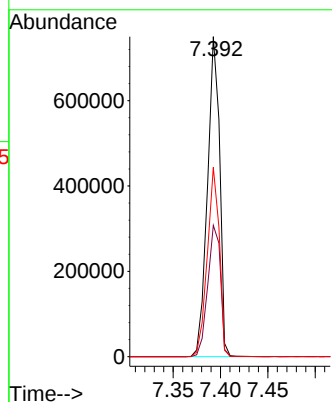
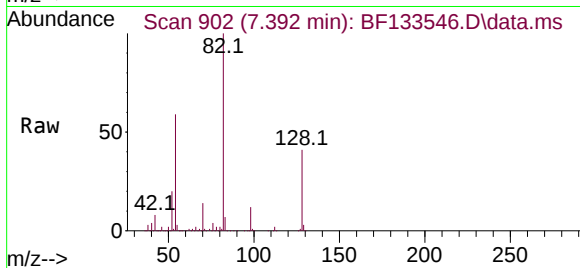
Tgt Ion: 82 Resp: 669621

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.4

54 59.2 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: BF133546.D

Acq: 31 May 2023 18:54

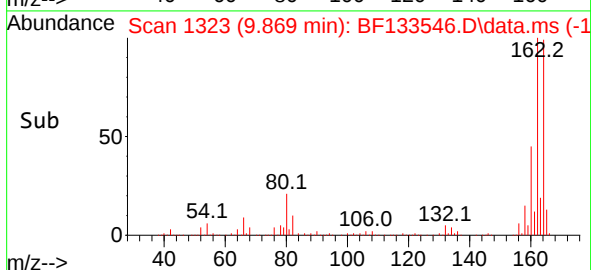
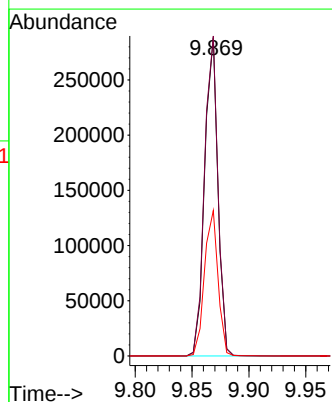
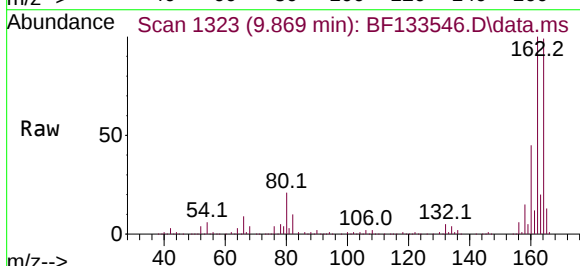
Tgt Ion: 164 Resp: 233449

Ion Ratio Lower Upper

164 100

162 100.5 79.7 119.5

160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 132.270 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133546.D

Acq: 31 May 2023 18:54

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

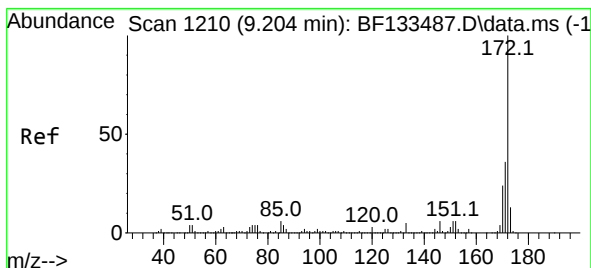
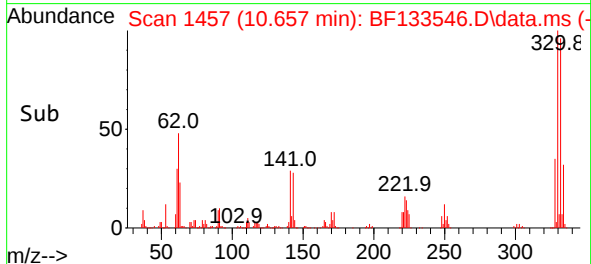
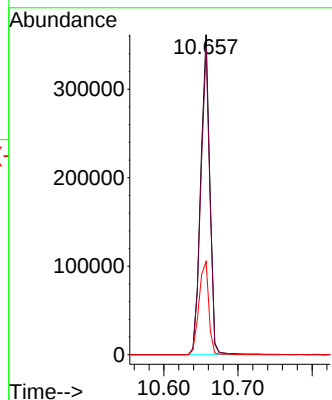
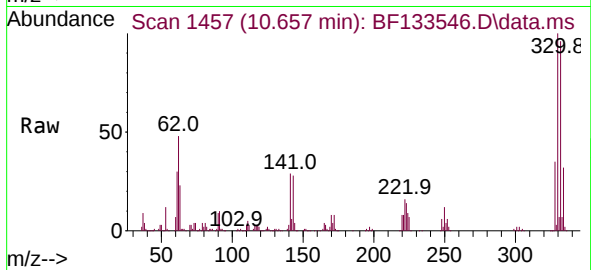
Tgt Ion:330 Resp: 307801

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

141 31.4 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 79.518 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133546.D

Acq: 31 May 2023 18:54

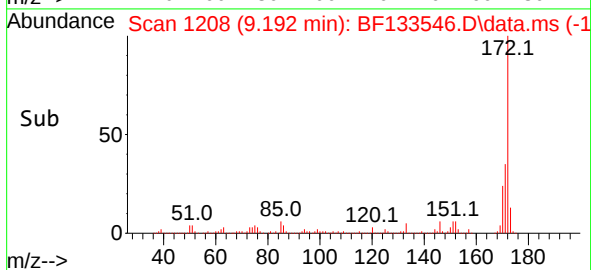
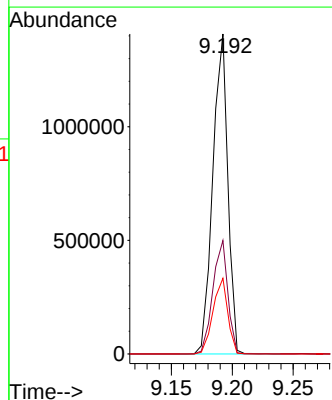
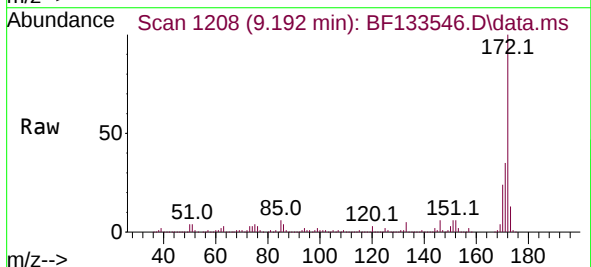
Tgt Ion:172 Resp: 1202733

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133546.D

Acq: 31 May 2023 18:54

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

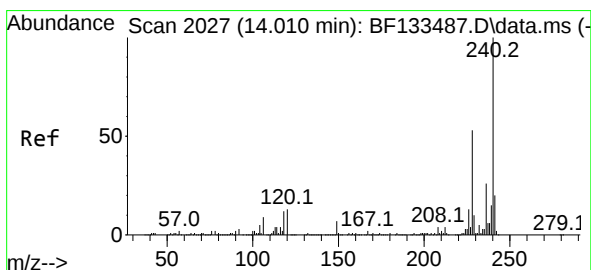
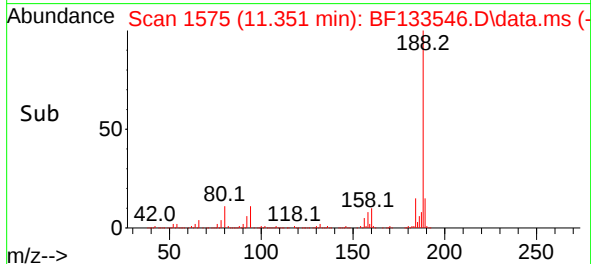
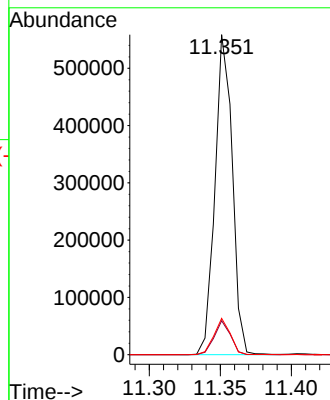
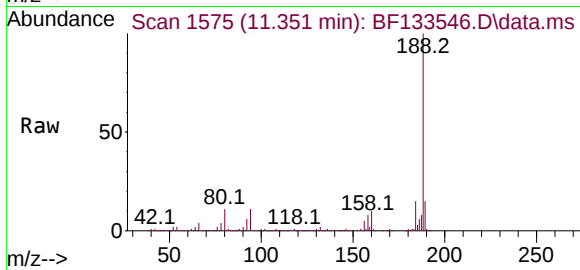
Tgt Ion:188 Resp: 474206

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

80 11.4 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133546.D

Acq: 31 May 2023 18:54

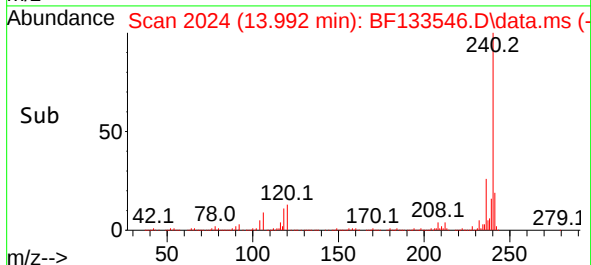
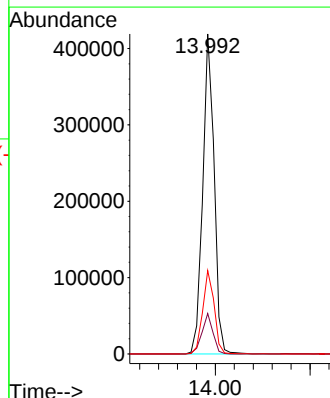
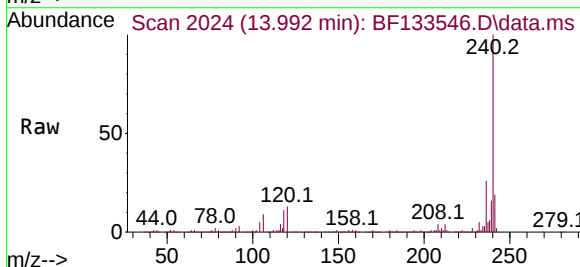
Tgt Ion:240 Resp: 351754

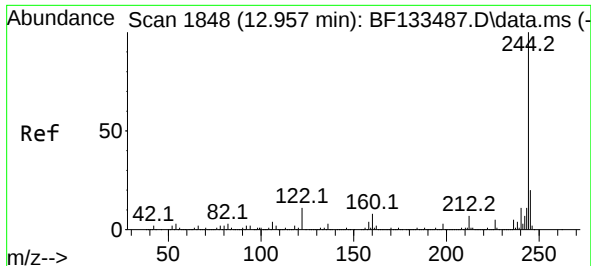
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

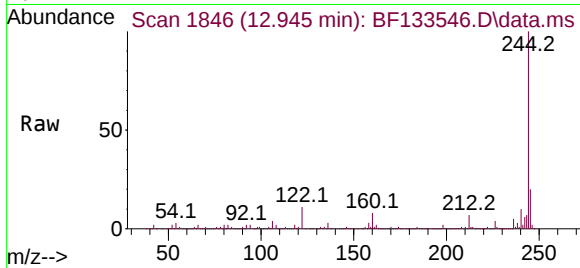
236 26.1 20.5 30.7



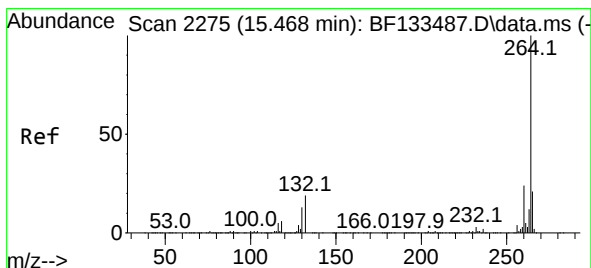
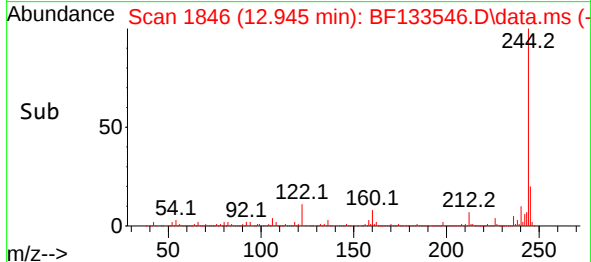
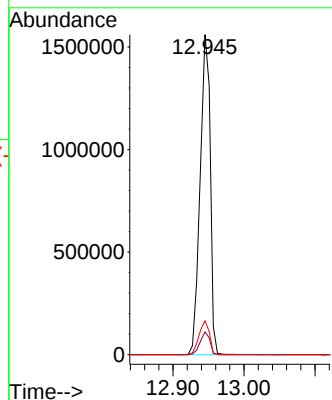


#79
 Terphenyl-d14
 Concen: 78.438 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133546.D
 Acq: 31 May 2023 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-0A



Tgt Ion:244 Resp: 1551813
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133546.D
 Acq: 31 May 2023 18:54

Tgt Ion:264 Resp: 293677
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.4 16.8 25.2

