

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133581.D
 Acq On : 05 Jun 2023 23:20
 Operator : CG\JU
 Sample : 02983-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB24B

Quant Time: Jun 06 01:08:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	141299	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	502653	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	217566	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	386164	20.000	ng	0.00
76) Chrysene-d12	13.998	240	251681	20.000	ng	0.00
86) Perylene-d12	15.463	264	202361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	653705	77.190	ng	0.00
7) Phenol-d6	6.457	99	776009	74.436	ng	0.00
23) Nitrobenzene-d5	7.393	82	466043	61.906	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	176232	81.260	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	838748	59.502	ng	0.00
79) Terphenyl-d14	12.945	244	793264	56.040	ng	0.00

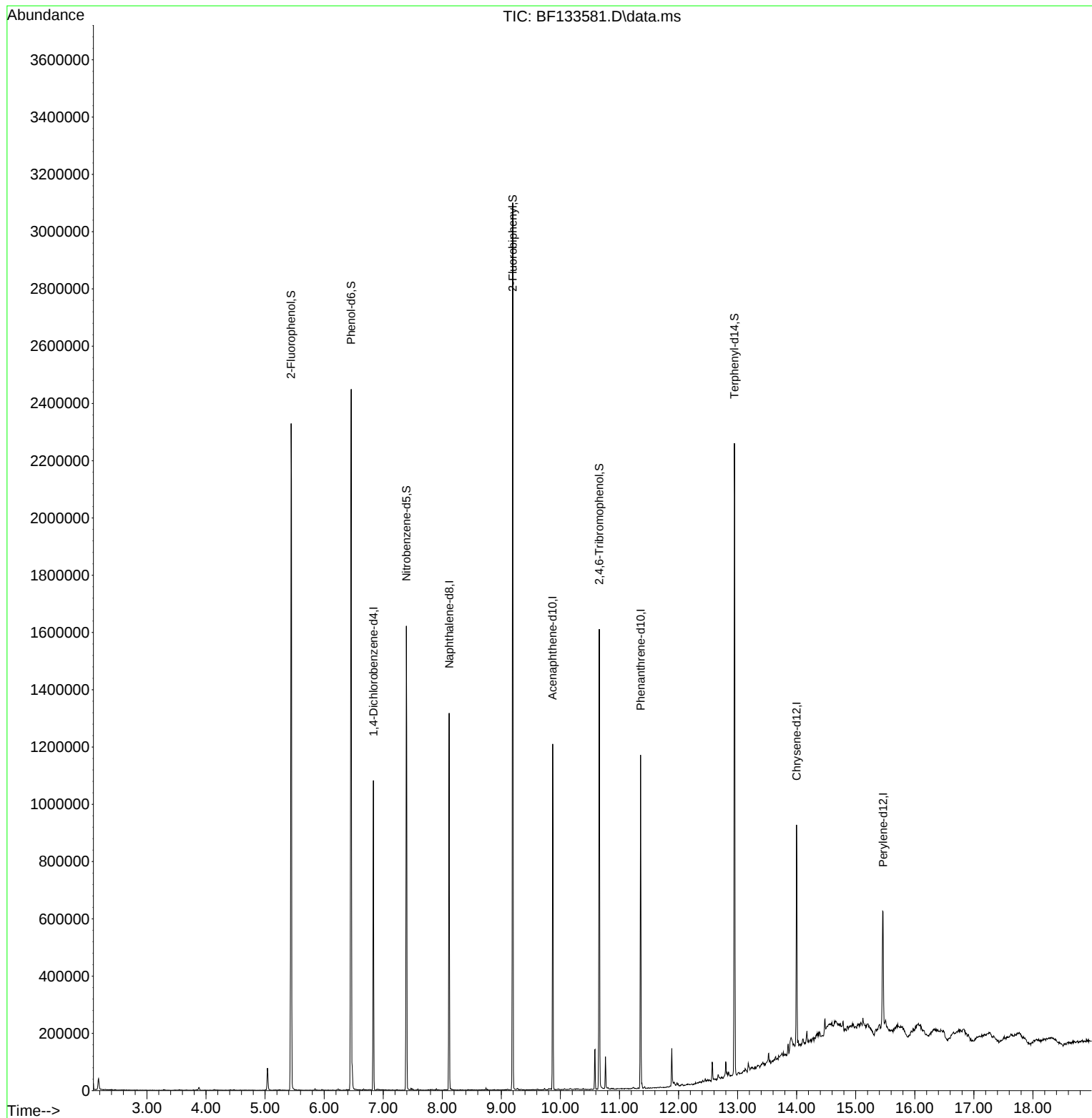
Target Compounds	Qvalue

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

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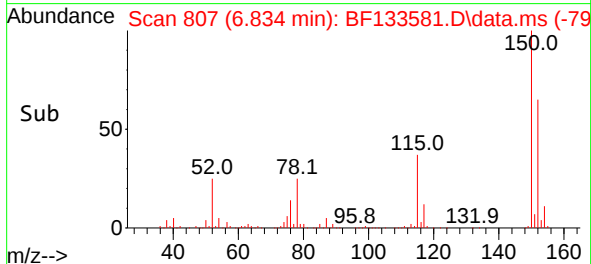
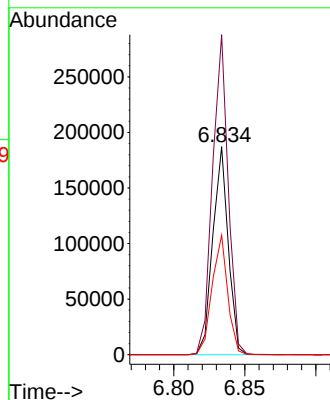
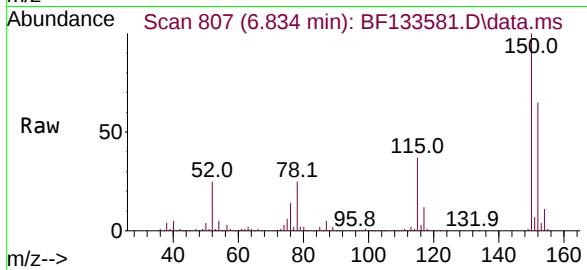




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133581.D
Acq: 05 Jun 2023 23:20

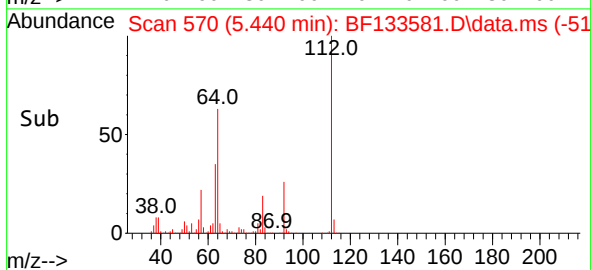
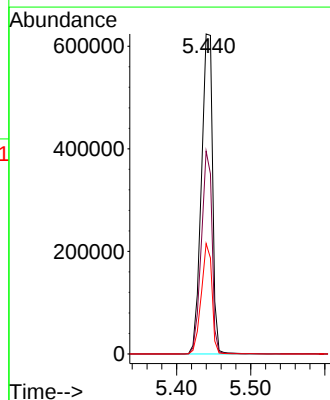
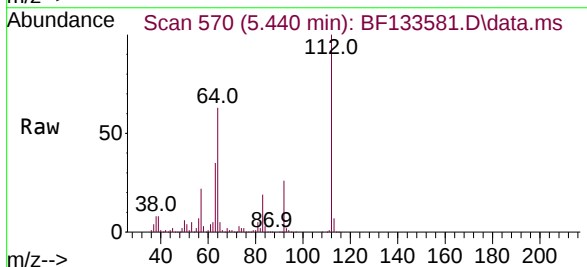
Instrument :
BNA_F
ClientSampleId :
SB24B

Tgt Ion:152 Resp: 141299
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 57.4 48.1 72.1



#5
2-Fluorophenol
Concen: 77.190 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133581.D
Acq: 05 Jun 2023 23:20

Tgt Ion:112 Resp: 653705
Ion Ratio Lower Upper
112 100
64 63.4 50.1 75.1
63 34.5 27.5 41.3

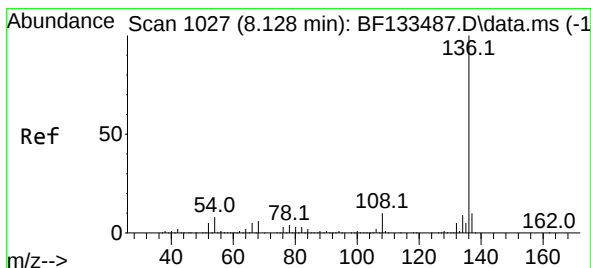
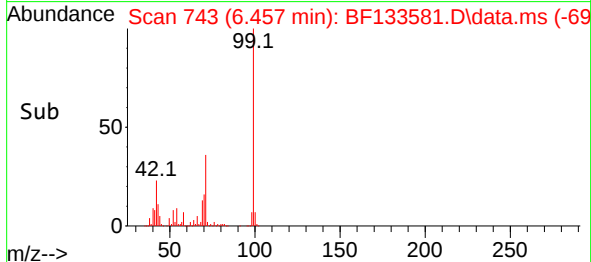
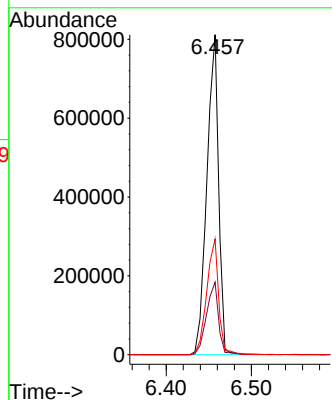
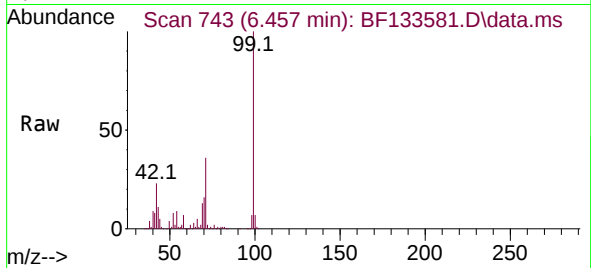




#7
Phenol-d6
Concen: 74.436 ng
RT: 6.457 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133581.D
Acq: 05 Jun 2023 23:20

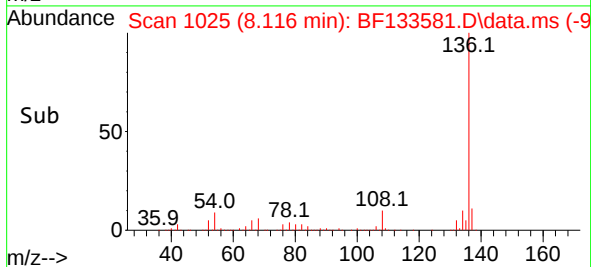
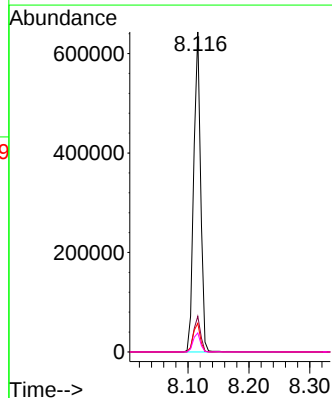
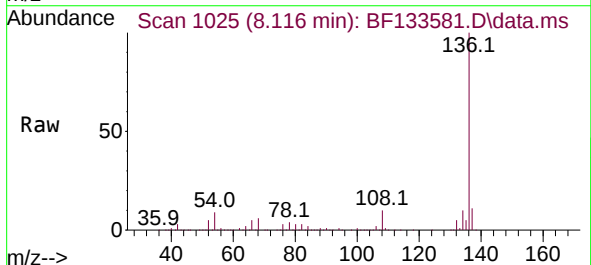
Instrument :
BNA_F
ClientSampleId :
SB24B

Tgt Ion: 99 Resp: 776009
Ion Ratio Lower Upper
99 100
42 22.7 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: BF133581.D
Acq: 05 Jun 2023 23:20

Tgt Ion: 136 Resp: 502653
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.0 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 61.906 ng

RT: 7.393 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133581.D

Acq: 05 Jun 2023 23:20

Instrument :

BNA_F

ClientSampleId :

SB24B

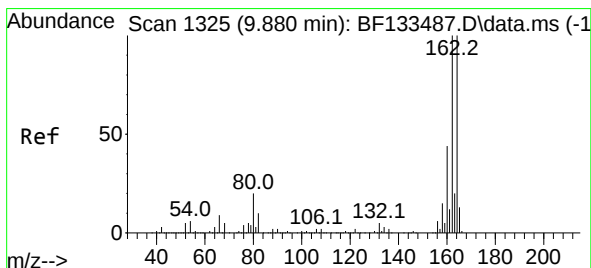
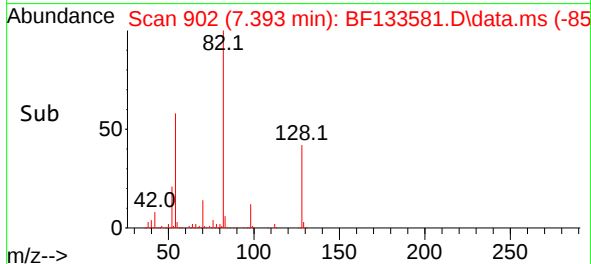
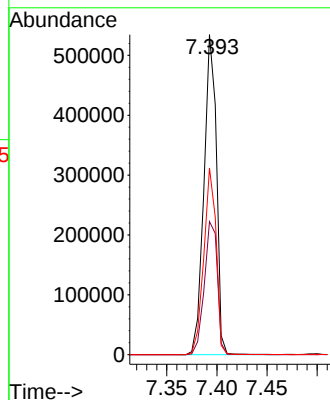
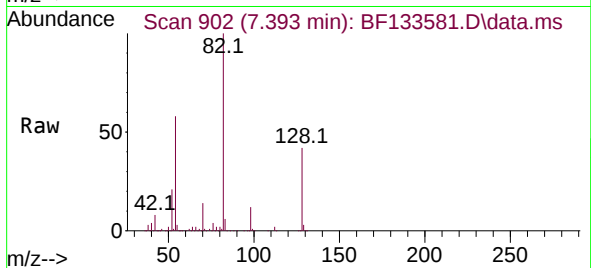
Tgt Ion: 82 Resp: 466043

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.4

54 58.4 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: BF133581.D

Acq: 05 Jun 2023 23:20

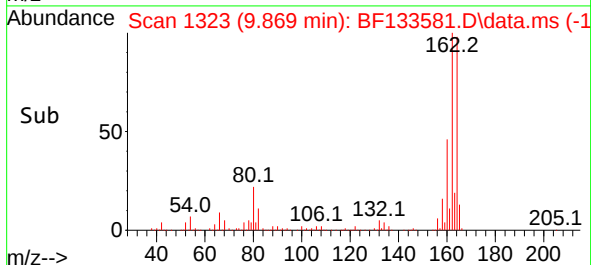
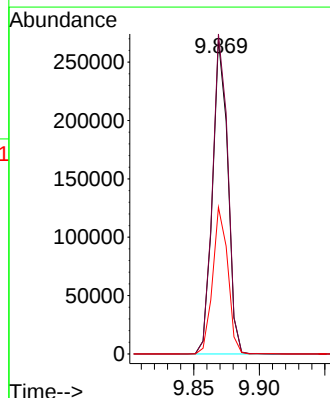
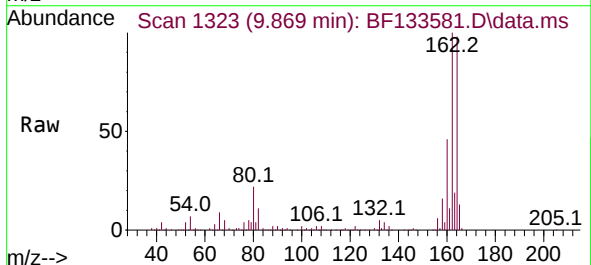
Tgt Ion:164 Resp: 217566

Ion Ratio Lower Upper

164 100

162 101.9 79.7 119.5

160 46.7 35.4 53.0

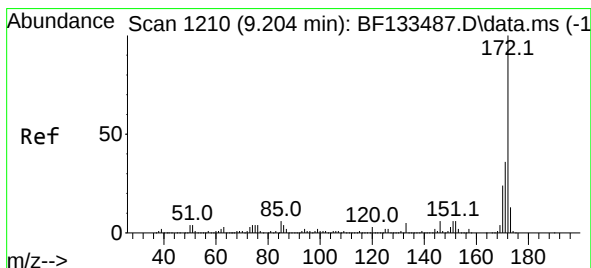
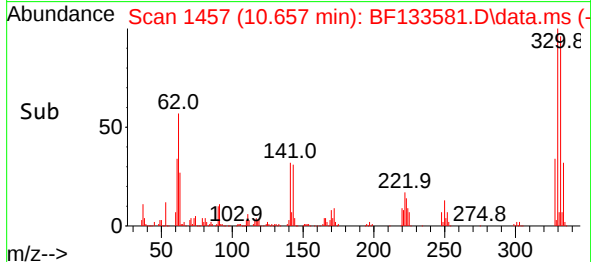
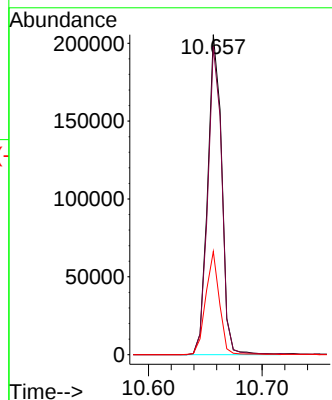
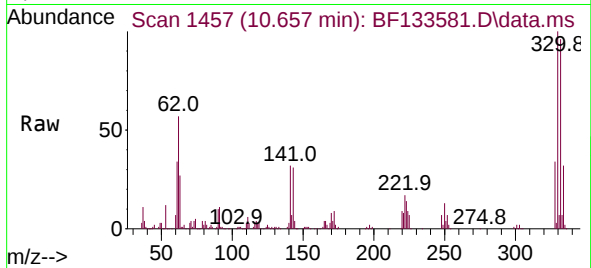




#42
2,4,6-Tribromophenol
Concen: 81.260 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133581.D
Acq: 05 Jun 2023 23:20

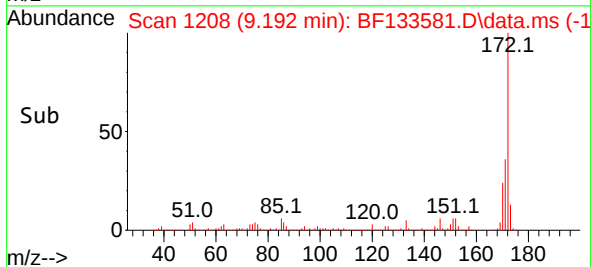
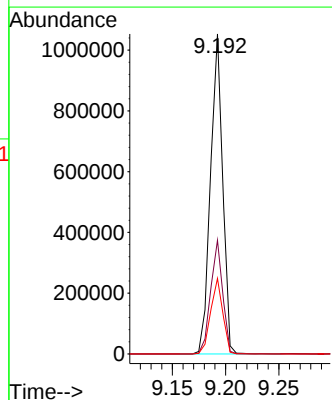
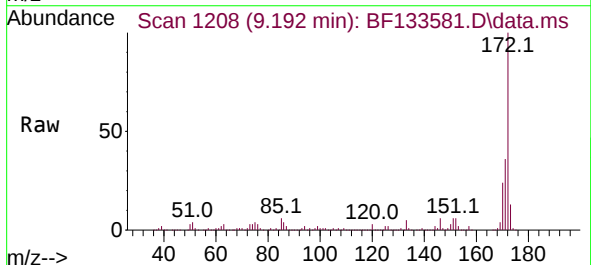
Instrument :
BNA_F
ClientSampleId :
SB24B

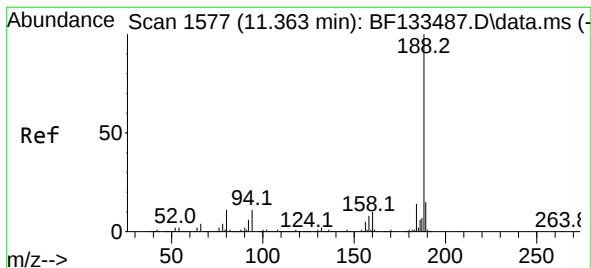
Tgt Ion:330 Resp: 176232
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 31.7 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 59.502 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133581.D
Acq: 05 Jun 2023 23:20

Tgt Ion:172 Resp: 838748
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133581.D

Acq: 05 Jun 2023 23:20

Instrument :

BNA_F

ClientSampleId :

SB24B

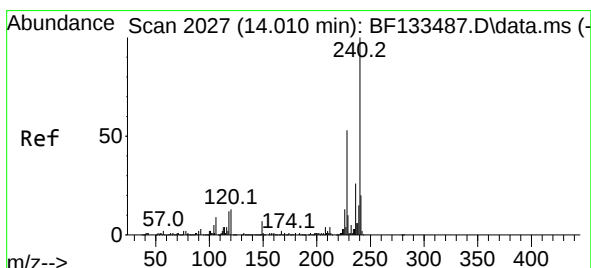
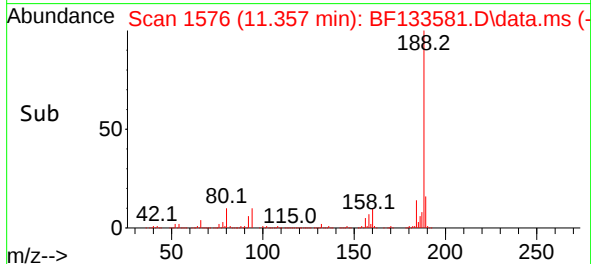
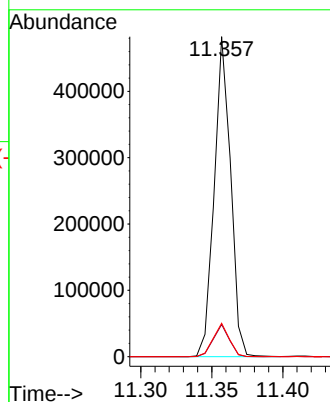
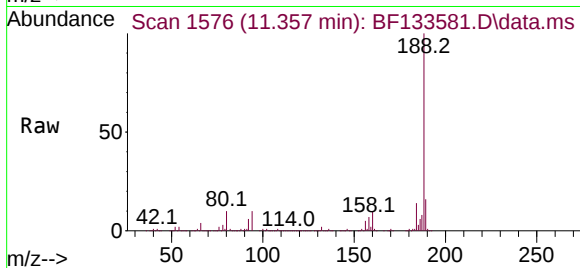
Tgt Ion:188 Resp: 386164

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: BF133581.D

Acq: 05 Jun 2023 23:20

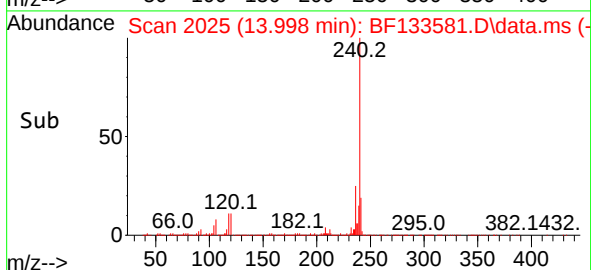
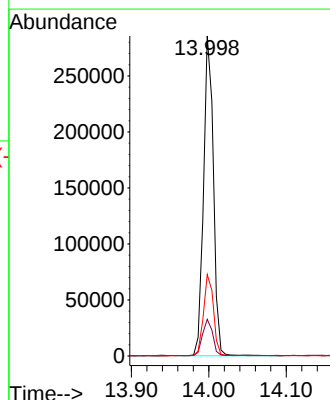
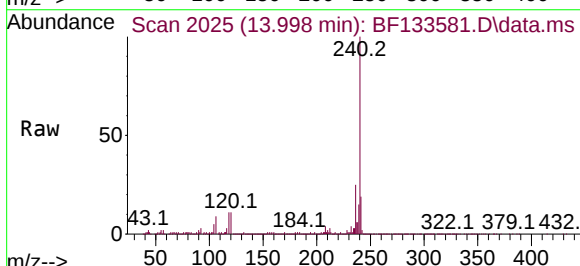
Tgt Ion:240 Resp: 251681

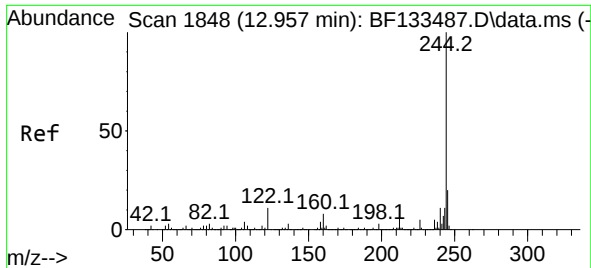
Ion Ratio Lower Upper

240 100

120 11.5 10.3 15.5

236 25.5 20.5 30.7

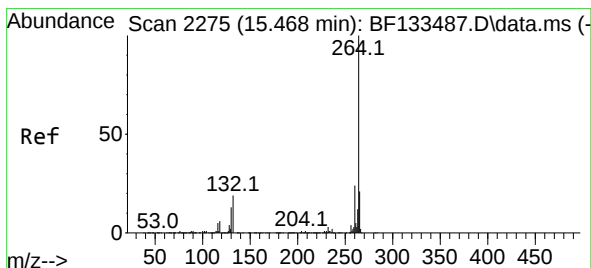
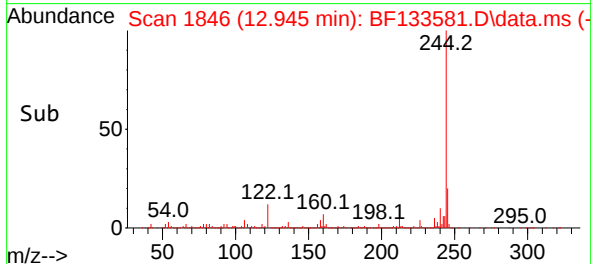
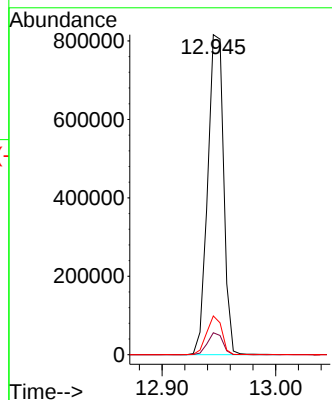
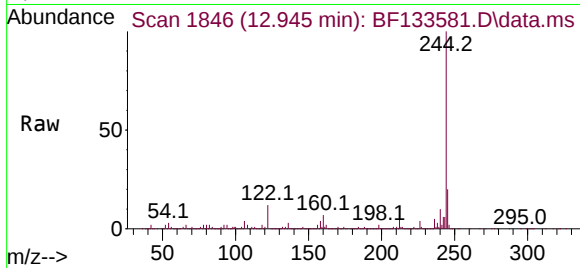




#79
 Terphenyl-d14
 Concen: 56.040 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF133581.D
 Acq: 05 Jun 2023 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SB24B

Tgt Ion:244 Resp: 793264
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF133581.D
 Acq: 05 Jun 2023 23:20

Tgt Ion:264 Resp: 202361
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 20.8 16.8 25.2

