

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133547.D
 Acq On : 31 May 2023 19:26
 Operator : CG\JU
 Sample : 02972-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-0A

Quant Time: Jun 01 02:04:08 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	107619	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	419116	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	211168	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	427126	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	310631	20.000	ng	-0.01
86) Perylene-d12	15.451	264	256796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	775323	120.202	ng	0.00
7) Phenol-d6	6.457	99	864797	108.913	ng	0.00
23) Nitrobenzene-d5	7.392	82	659596	105.079	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	306029	145.385	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1193944	87.266	ng	0.00
79) Terphenyl-d14	12.945	244	1539340	88.108	ng	0.00

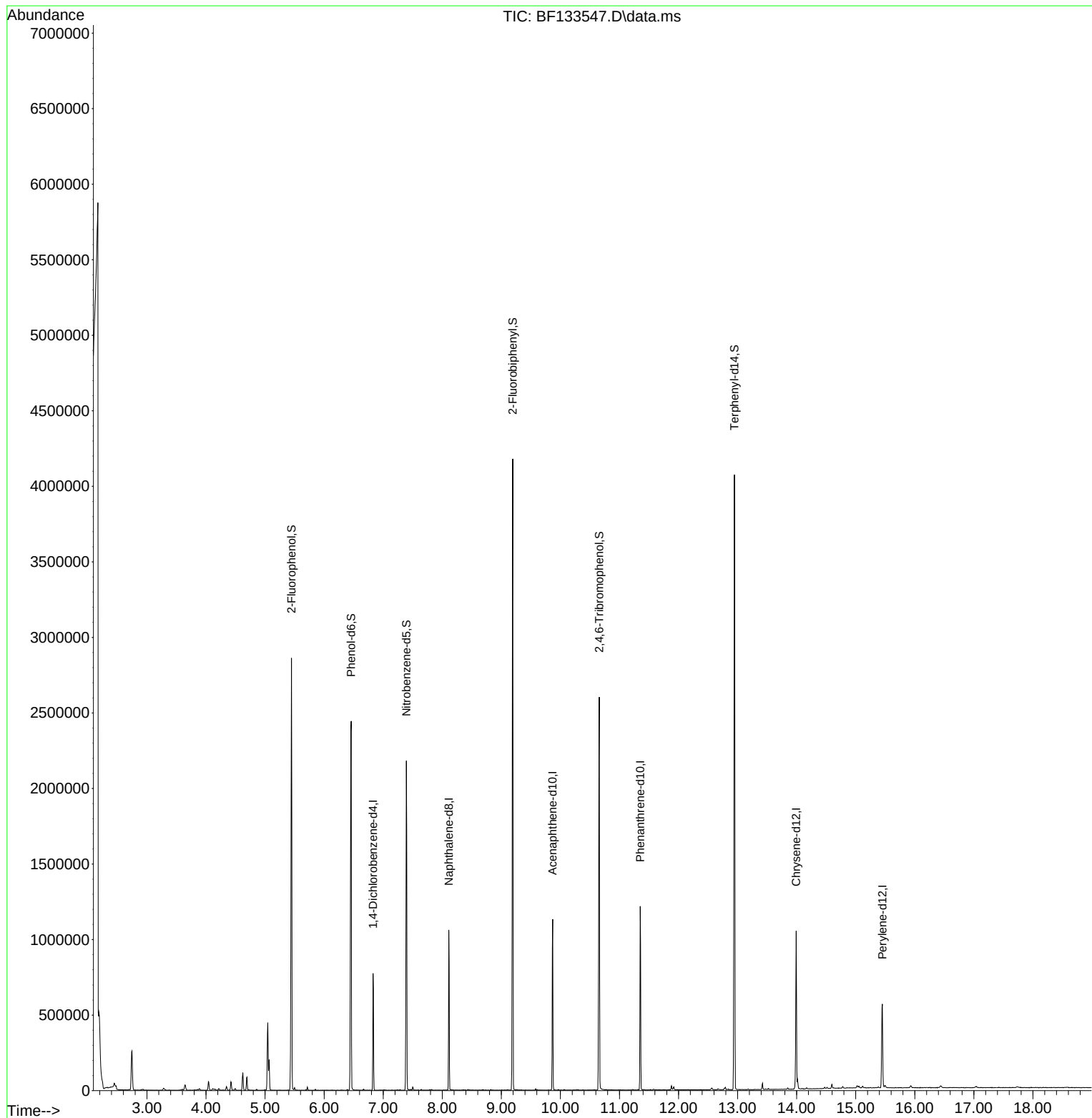
Target Compounds	Qvalue

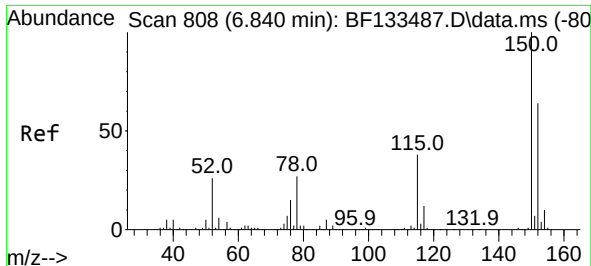
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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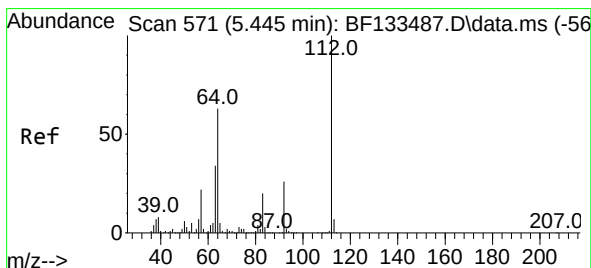
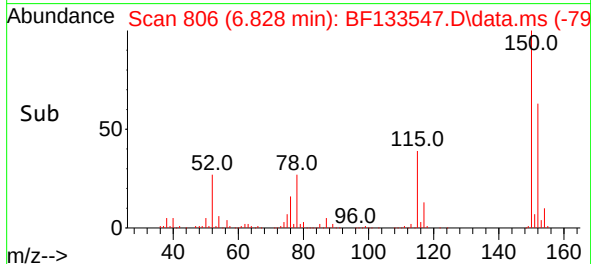
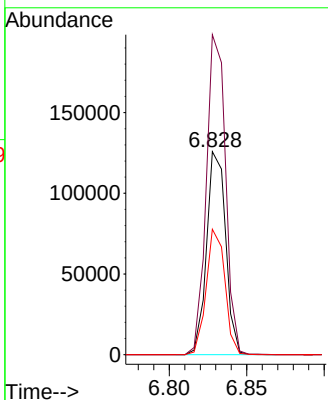
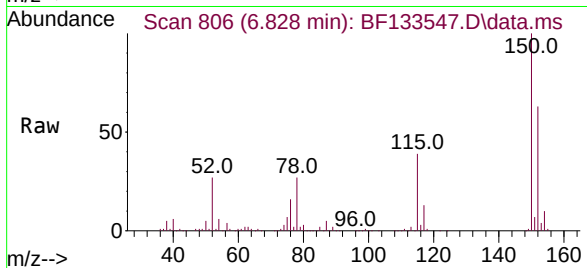




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF133547.D
Acq: 31 May 2023 19:26

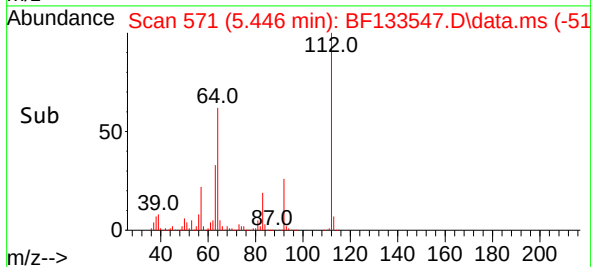
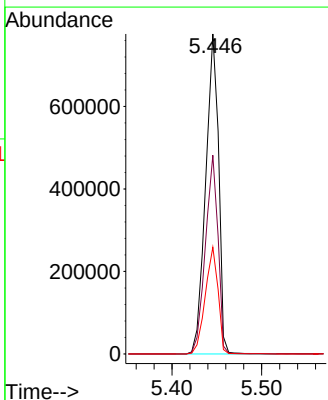
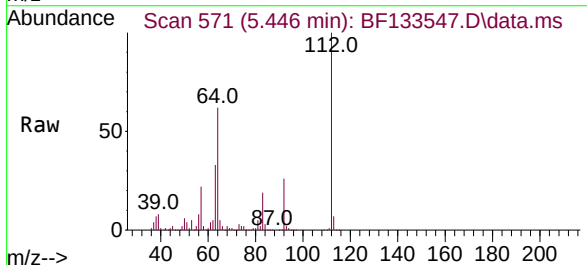
Instrument :
BNA_F
ClientSampleId :
TP-12-0A

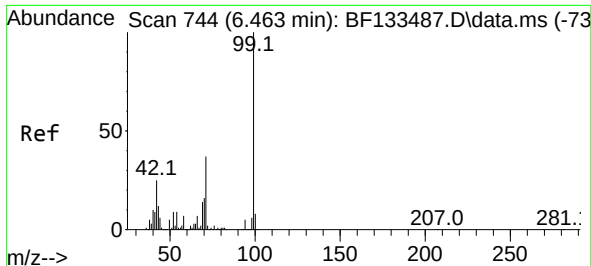
Tgt Ion:152 Resp: 107619
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 120.202 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133547.D
Acq: 31 May 2023 19:26

Tgt Ion:112 Resp: 775323
Ion Ratio Lower Upper
112 100
64 62.1 50.1 75.1
63 33.4 27.5 41.3

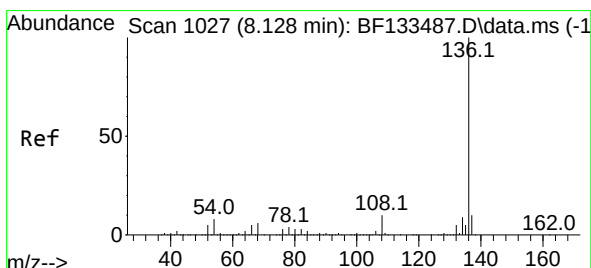
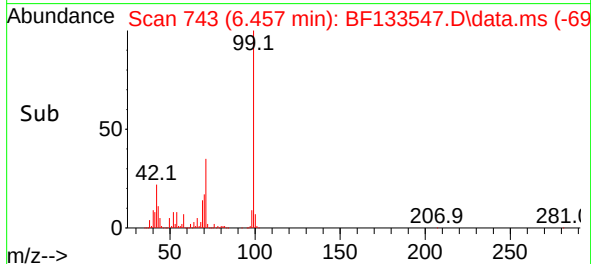
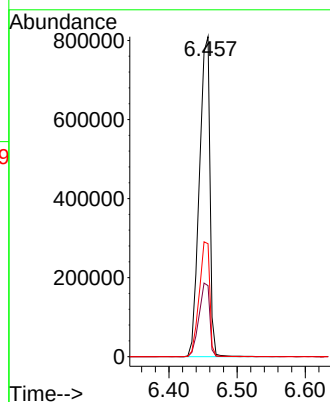
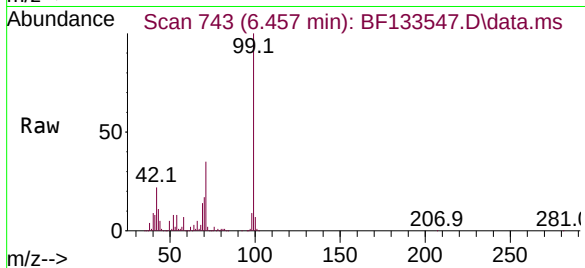




#7
Phenol-d6
Concen: 108.913 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133547.D
Acq: 31 May 2023 19:26

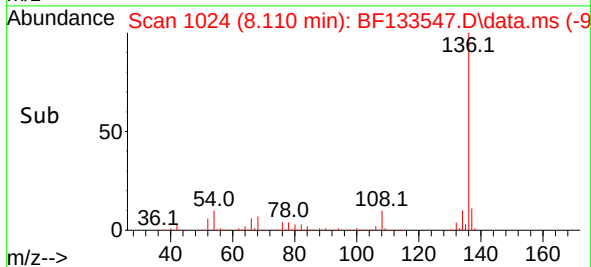
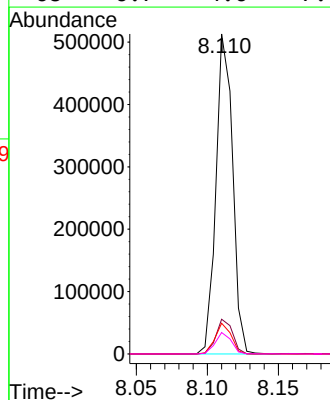
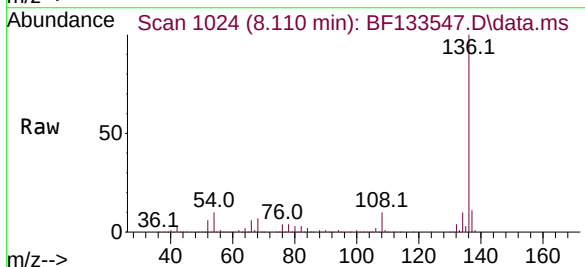
Instrument :
BNA_F
ClientSampleId :
TP-12-0A

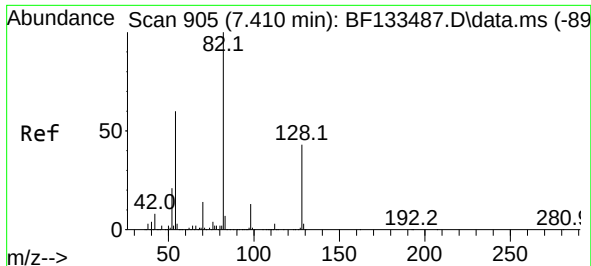
Tgt Ion: 99 Resp: 864797
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.3 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133547.D
Acq: 31 May 2023 19:26

Tgt Ion: 136 Resp: 419116
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.6 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 105.079 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133547.D

Acq: 31 May 2023 19:26

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

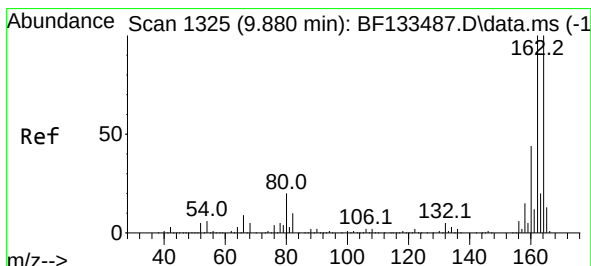
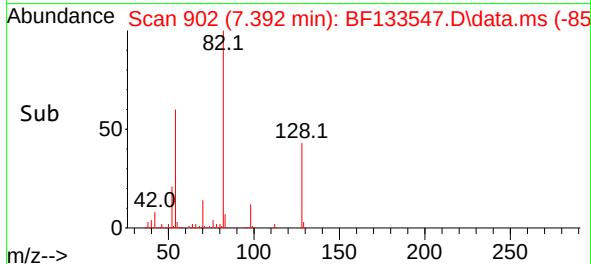
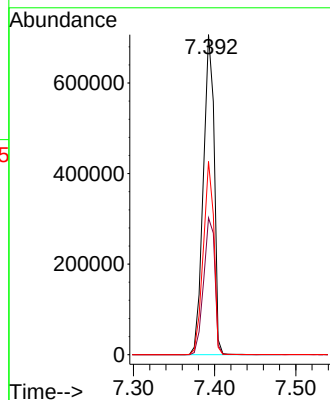
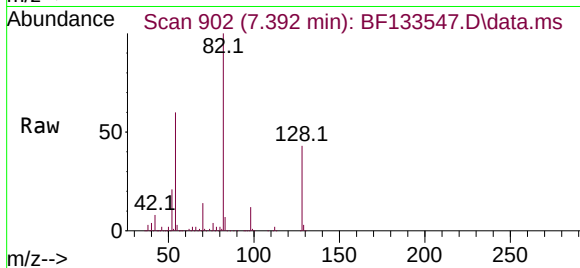
Tgt Ion: 82 Resp: 659596

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 60.4 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: BF133547.D

Acq: 31 May 2023 19:26

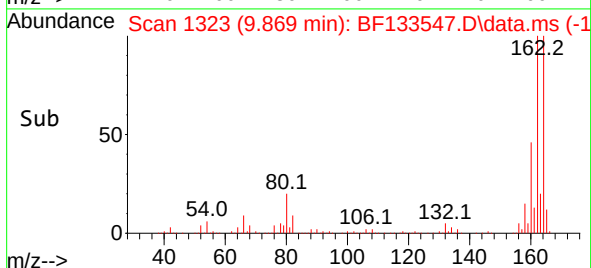
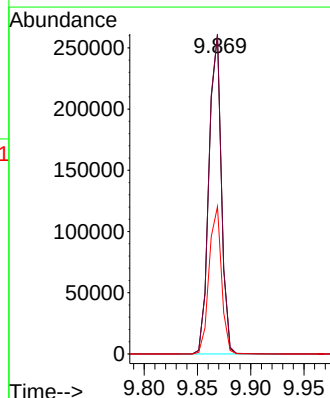
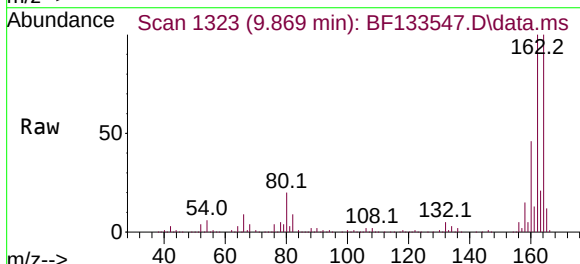
Tgt Ion: 164 Resp: 211168

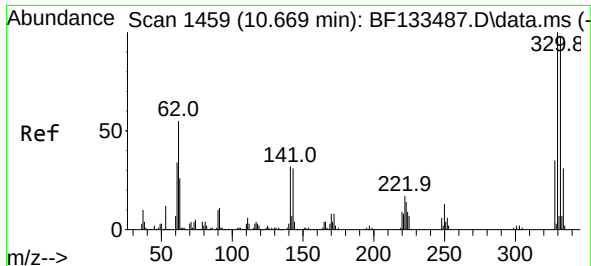
Ion Ratio Lower Upper

164 100

162 100.1 79.7 119.5

160 46.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 145.385 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133547.D

Acq: 31 May 2023 19:26

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

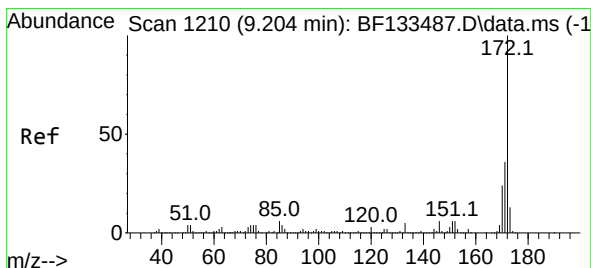
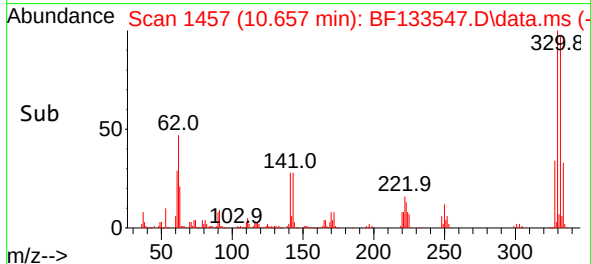
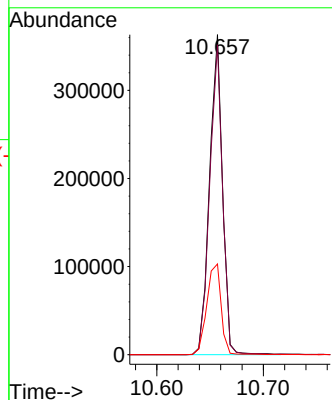
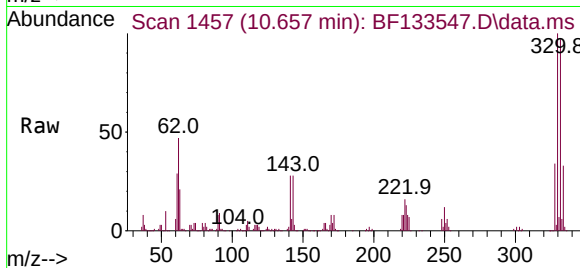
Tgt Ion:330 Resp: 306029

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 31.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 87.266 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133547.D

Acq: 31 May 2023 19:26

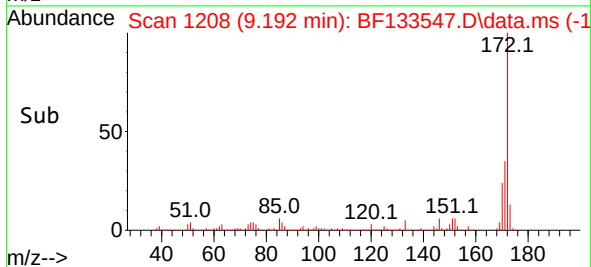
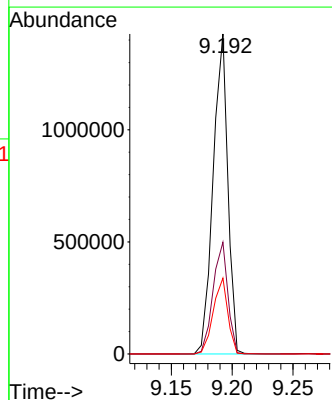
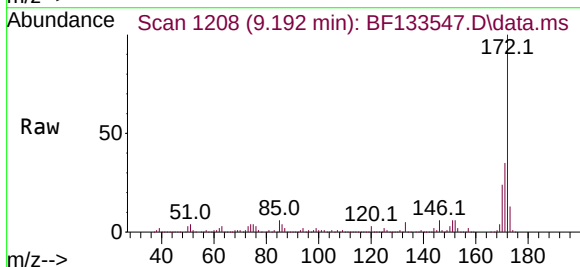
Tgt Ion:172 Resp: 1193944

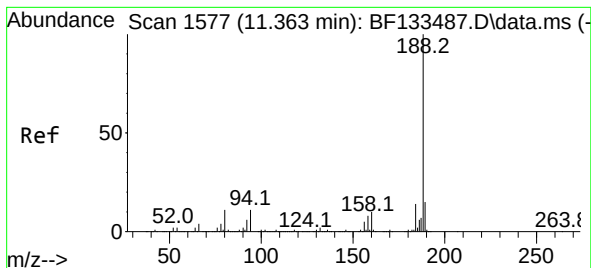
Ion Ratio Lower Upper

172 100

171 34.9 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: BF133547.D

Acq: 31 May 2023 19:26

Instrument :

BNA_F

ClientSampleId :

TP-12-0A

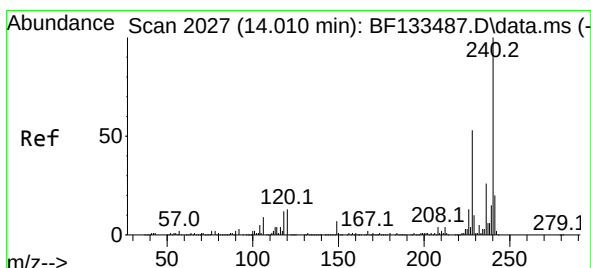
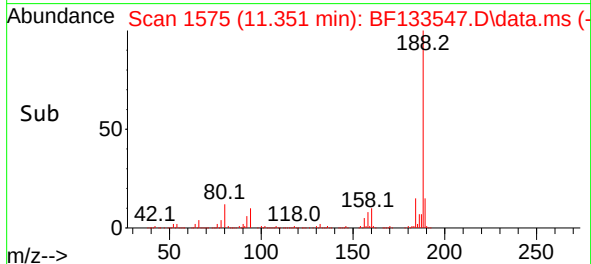
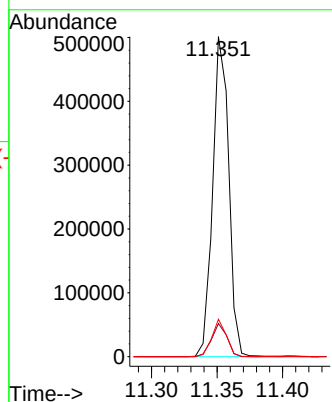
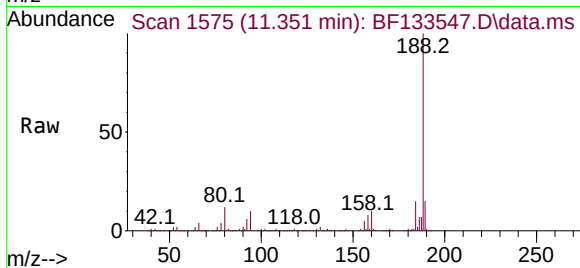
Tgt Ion:188 Resp: 427126

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

80 11.7 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: BF133547.D

Acq: 31 May 2023 19:26

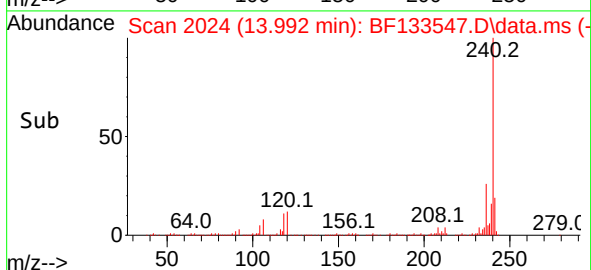
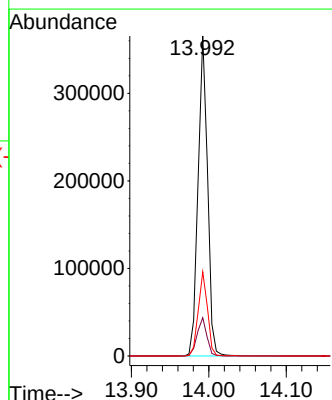
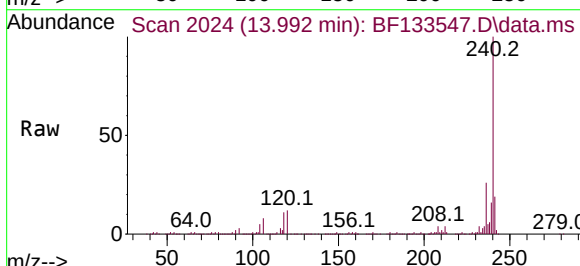
Tgt Ion:240 Resp: 310631

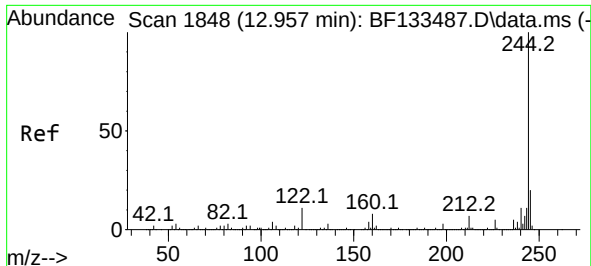
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

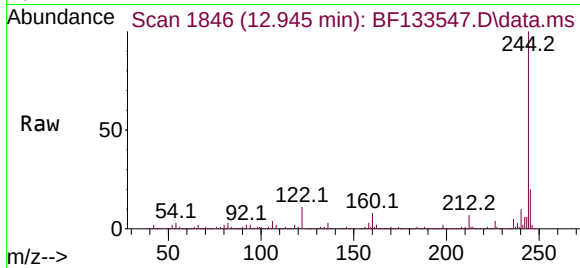
236 26.3 20.5 30.7



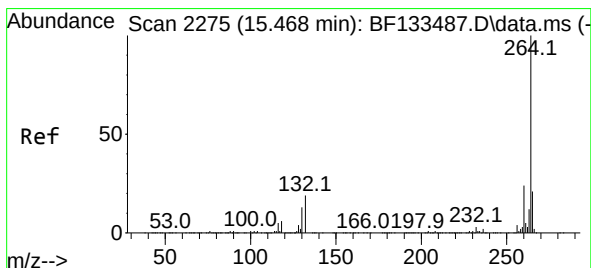
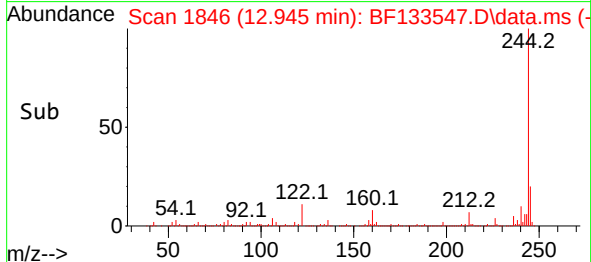
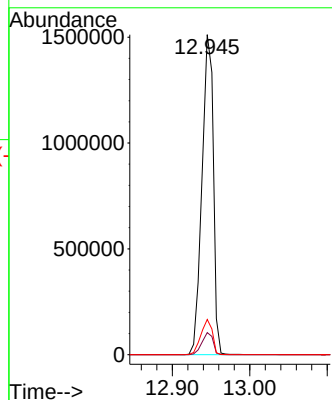


#79
 Terphenyl-d14
 Concen: 88.108 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133547.D
 Acq: 31 May 2023 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-0A



Tgt Ion:244 Resp: 1539340
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.0 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: BF133547.D
 Acq: 31 May 2023 19:26

Tgt Ion:264 Resp: 256796
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.8 16.8 25.2

