

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133525.D
 Acq On : 30 May 2023 16:48
 Operator : CG\JU
 Sample : 02957-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-0A

Quant Time: May 30 17:06:29 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	6.833	152	151484	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	576889	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	280708	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	548747	20.000	ng	0.00
76) Chrysene-d12	13.998	240	401208	20.000	ng	0.00
86) Perylene-d12	15.456	264	294827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	806150	88.790	ng	0.00
7) Phenol-d6	6.457	99	1004479	89.873	ng	0.00
23) Nitrobenzene-d5	7.392	82	582356	67.401	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	286360	102.339	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1012685	55.681	ng	0.00
79) Terphenyl-d14	12.951	244	1240255	54.963	ng	0.00

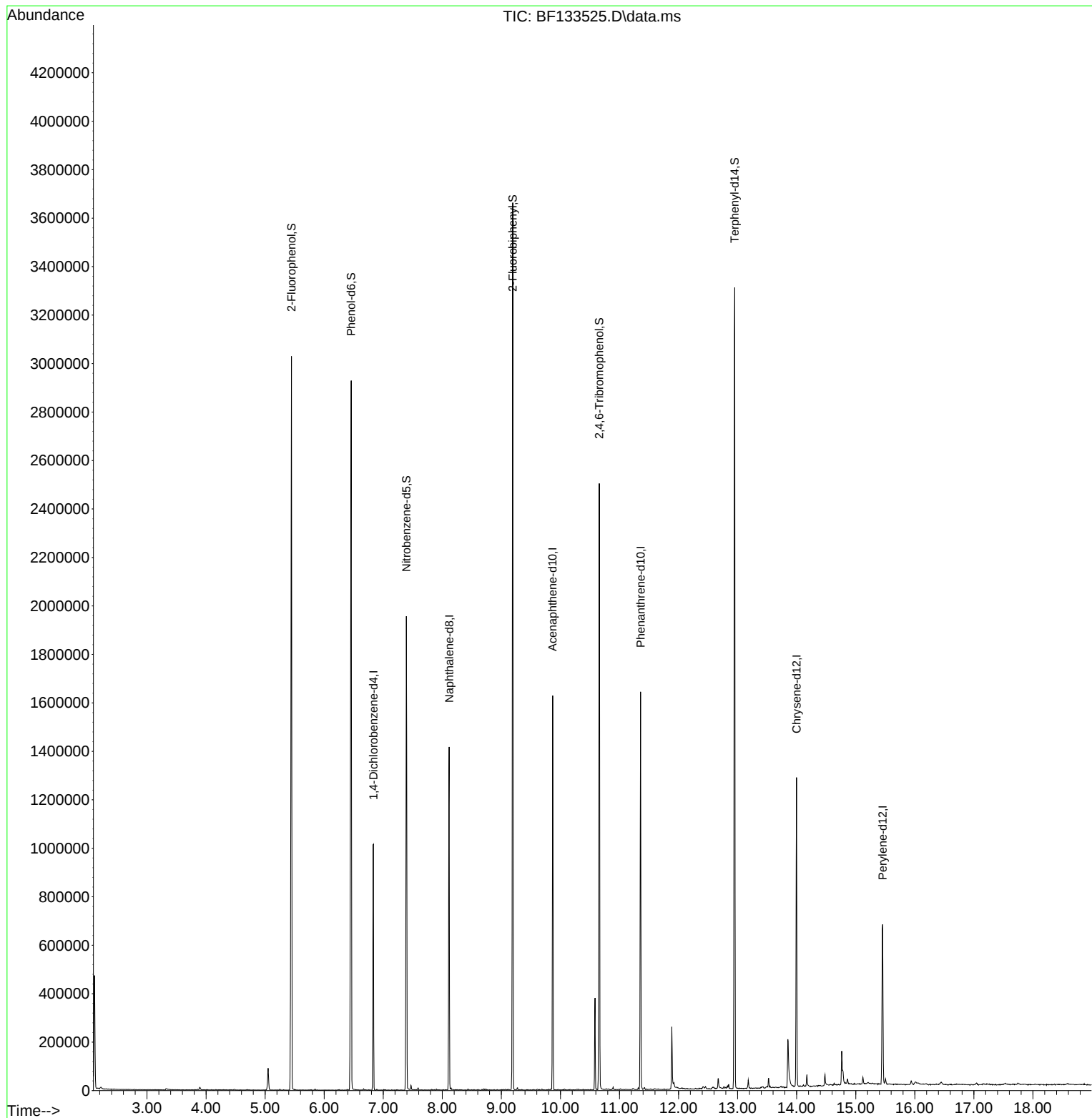
Target Compounds	Qvalue

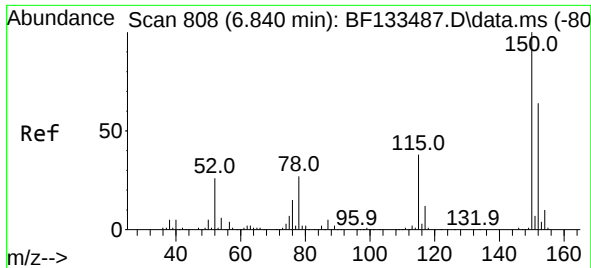
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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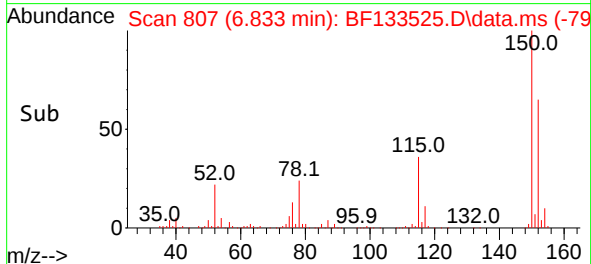
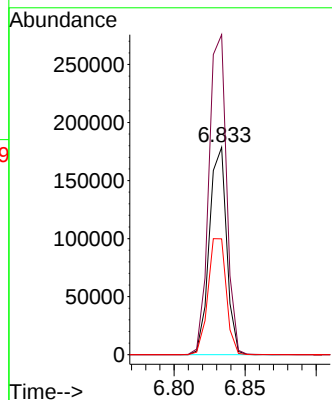
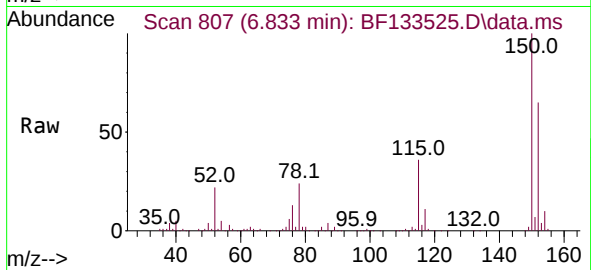




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133525.D
Acq: 30 May 2023 16:48

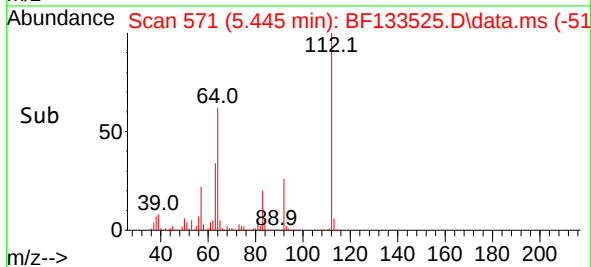
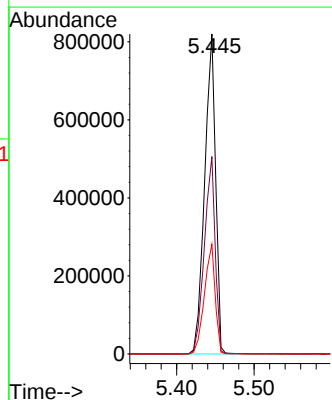
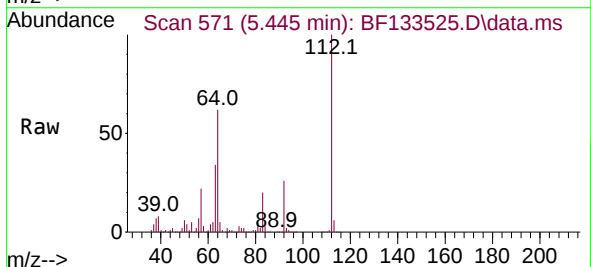
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

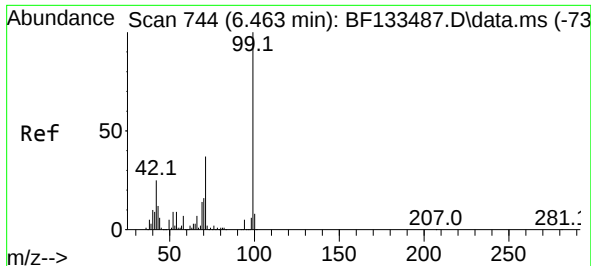
Tgt Ion:152 Resp: 151484
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 55.9 48.1 72.1



#5
2-Fluorophenol
Concen: 88.790 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133525.D
Acq: 30 May 2023 16:48

Tgt Ion:112 Resp: 806150
Ion Ratio Lower Upper
112 100
64 61.7 50.1 75.1
63 34.3 27.5 41.3

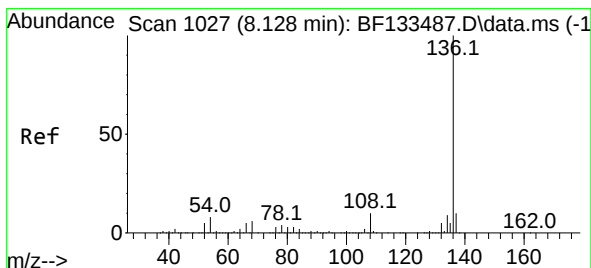
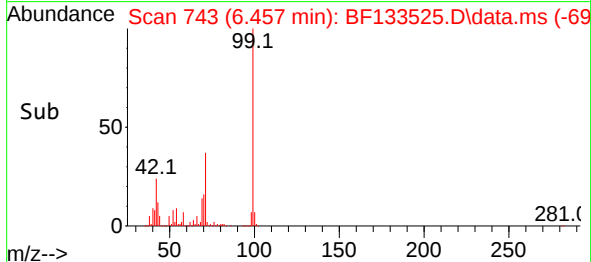
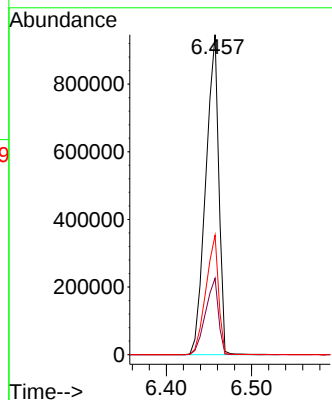
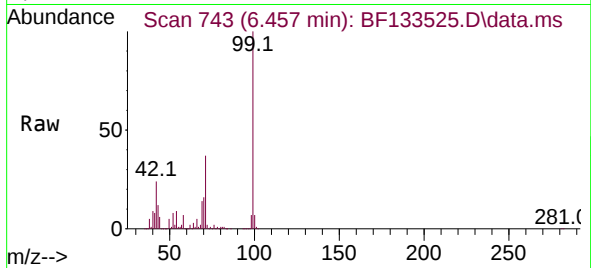




#7
Phenol-d6
Concen: 89.873 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133525.D
Acq: 30 May 2023 16:48

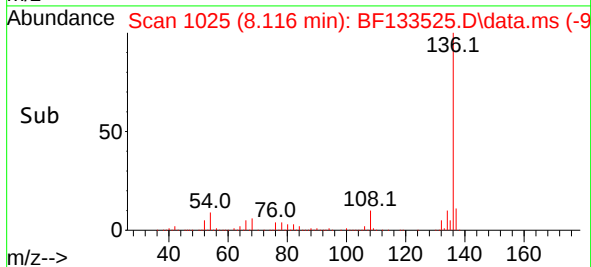
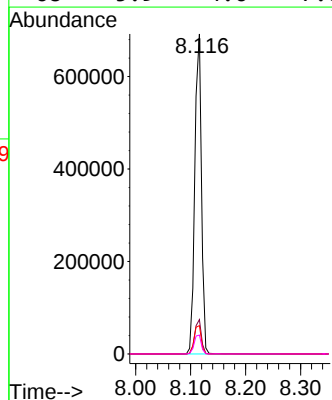
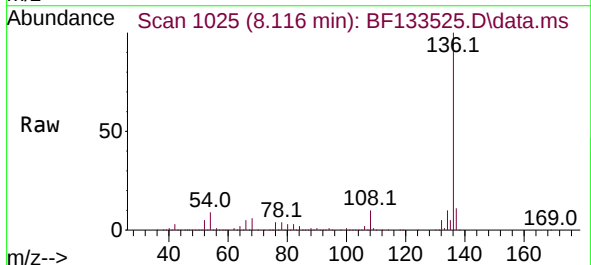
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

Tgt Ion: 99 Resp: 1004479
Ion Ratio Lower Upper
99 100
42 23.9 19.7 29.5
71 37.4 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: BF133525.D
Acq: 30 May 2023 16:48

Tgt Ion:136 Resp: 576889
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.9 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.401 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF133525.D

Acq: 30 May 2023 16:48

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

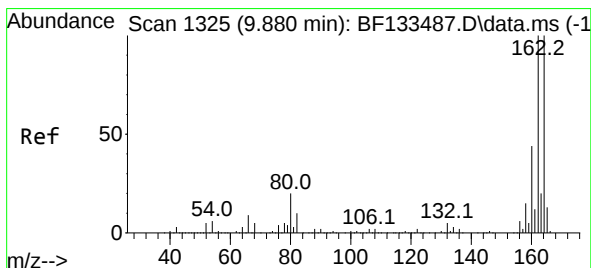
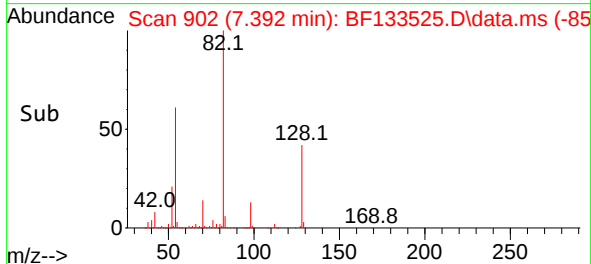
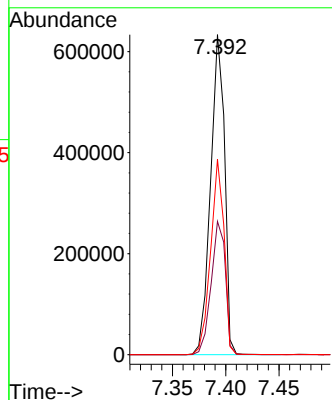
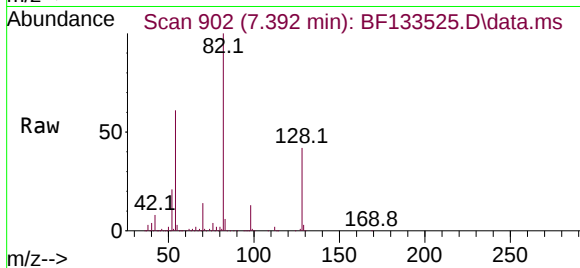
Tgt Ion: 82 Resp: 582356

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.4

54 61.0 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: BF133525.D

Acq: 30 May 2023 16:48

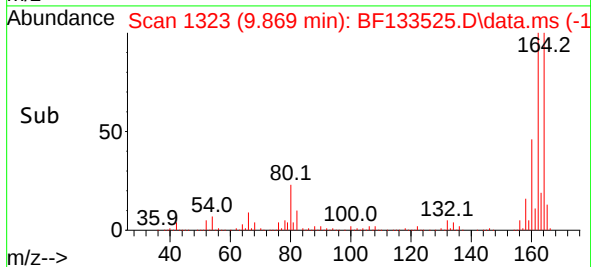
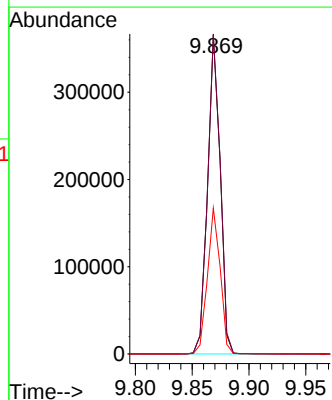
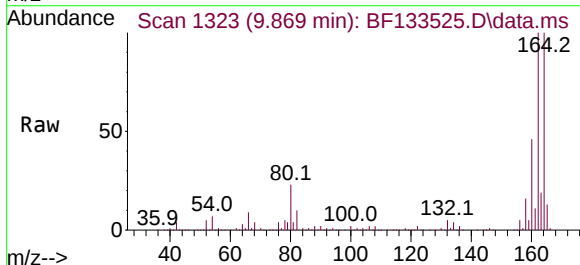
Tgt Ion:164 Resp: 280708

Ion Ratio Lower Upper

164 100

162 100.4 79.7 119.5

160 45.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.339 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133525.D

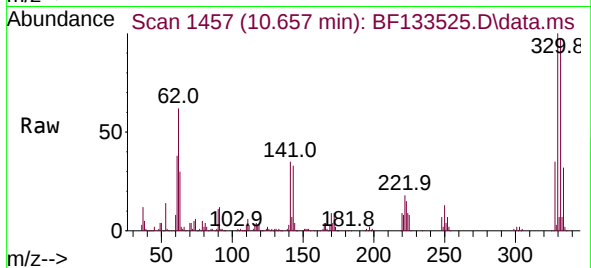
Acq: 30 May 2023 16:48

Instrument :

BNA_F

ClientSampleId :

TP-10-0A



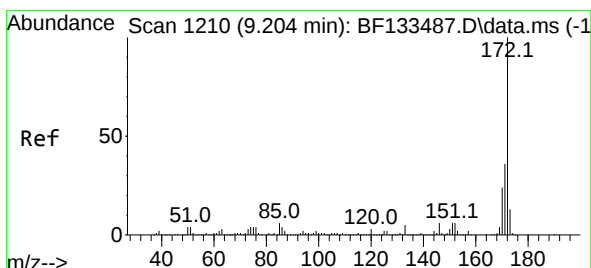
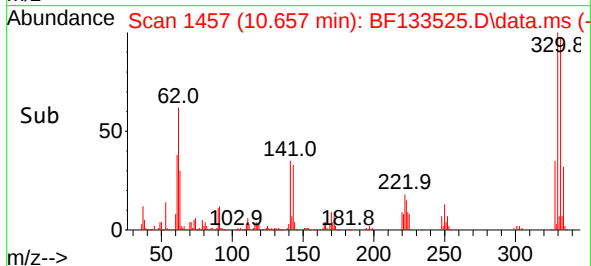
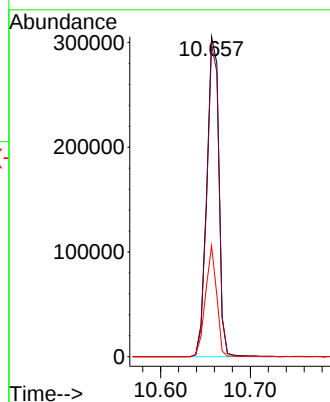
Tgt Ion:330 Resp: 286360

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 32.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 55.681 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133525.D

Acq: 30 May 2023 16:48

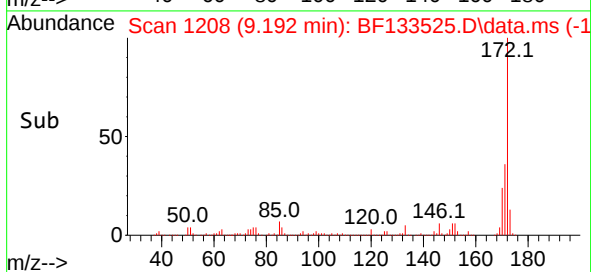
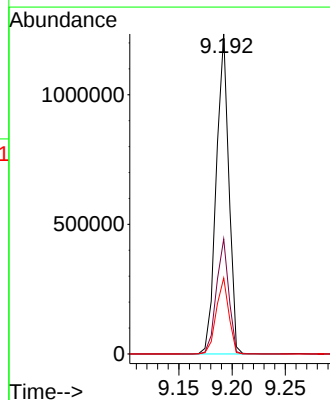
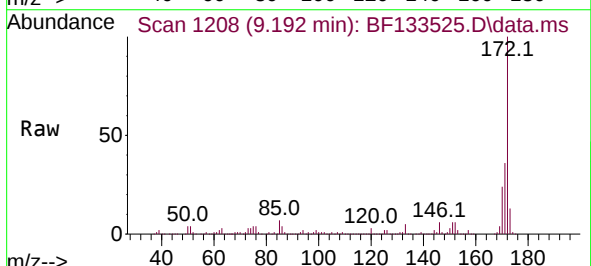
Tgt Ion:172 Resp: 1012685

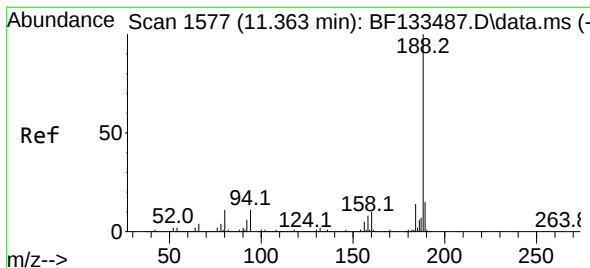
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 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: BF133525.D

Acq: 30 May 2023 16:48

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

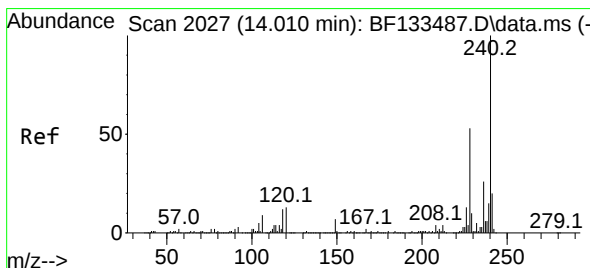
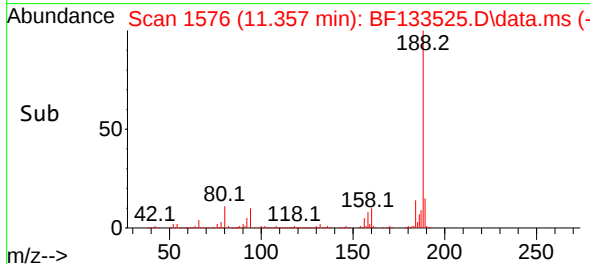
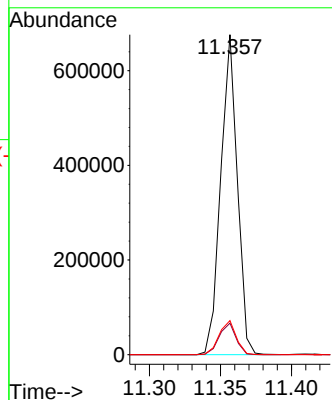
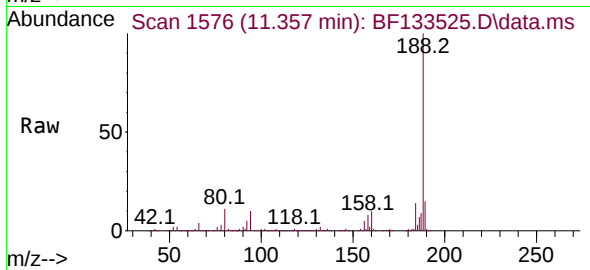
Tgt Ion:188 Resp: 548747

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

80 10.7 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: BF133525.D

Acq: 30 May 2023 16:48

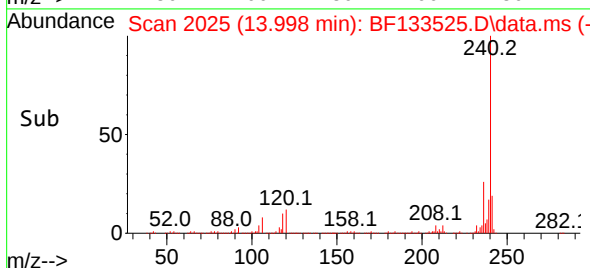
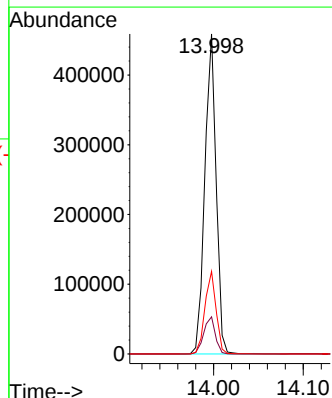
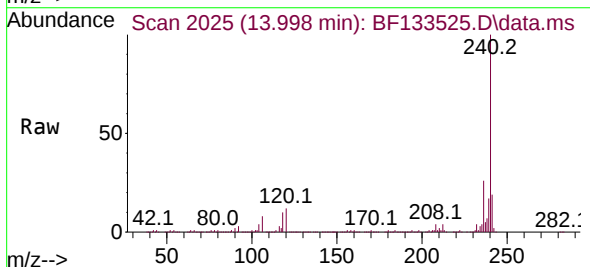
Tgt Ion:240 Resp: 401208

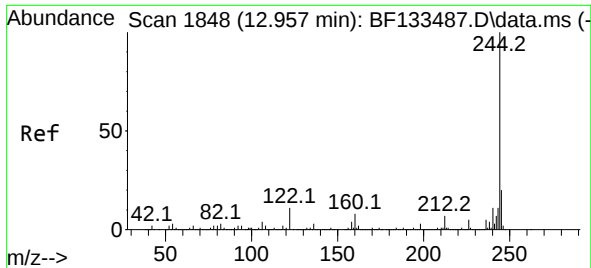
Ion Ratio Lower Upper

240 100

120 11.6 10.3 15.5

236 25.8 20.5 30.7

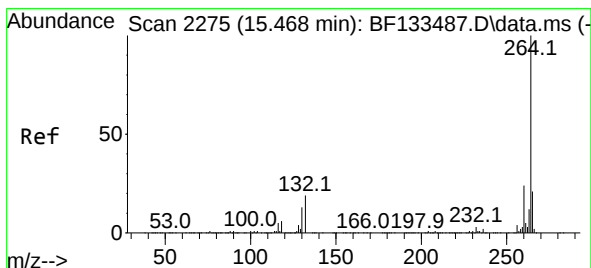
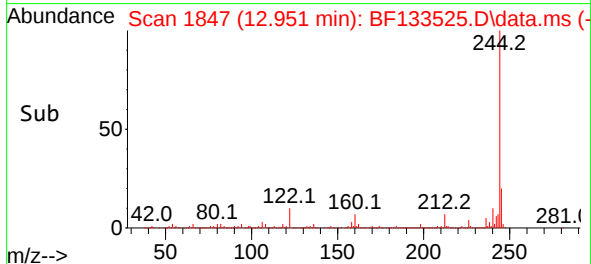
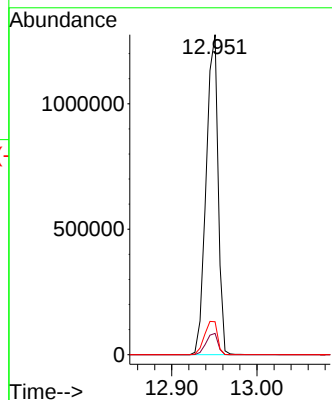
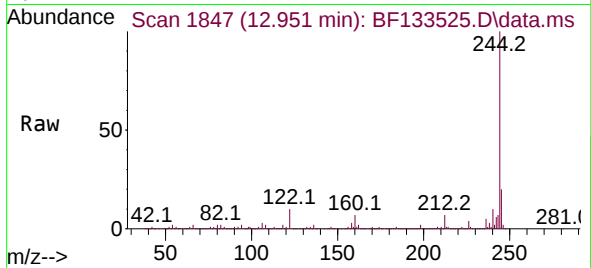




#79
 Terphenyl-d14
 Concen: 54.963 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133525.D
 Acq: 30 May 2023 16:48

Instrument :
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 ClientSampleId :
 TP-10-0A

Tgt Ion:244 Resp: 1240255
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133525.D
 Acq: 30 May 2023 16:48

Tgt Ion:264 Resp: 294827
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.6 16.8 25.2

