

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133531.D
 Acq On : 30 May 2023 19:56
 Operator : CG\JU
 Sample : 02955-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC25

Quant Time: May 31 05:22:04 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	141006	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	523616	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	252408	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	484131	20.000	ng	0.00
76) Chrysene-d12	13.992	240	284274	20.000	ng	-0.01
86) Perylene-d12	15.451	264	293009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	905701	107.168	ng	0.00
7) Phenol-d6	6.457	99	1125156	108.151	ng	0.00
23) Nitrobenzene-d5	7.392	82	694208	88.522	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	301538	119.846	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1220800	74.650	ng	0.00
79) Terphenyl-d14	12.945	244	1239258	77.509	ng	0.00

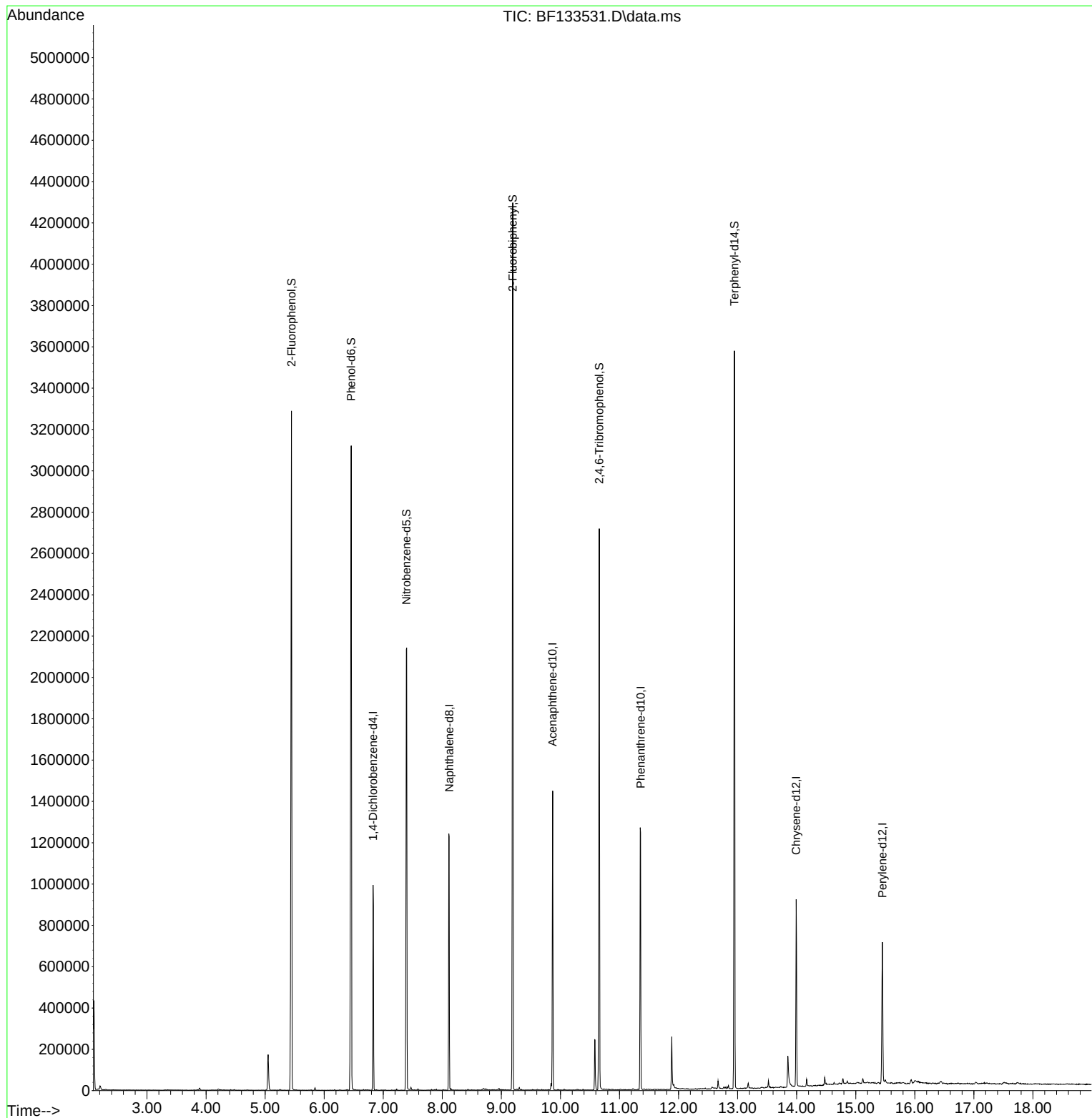
Target Compounds	Qvalue

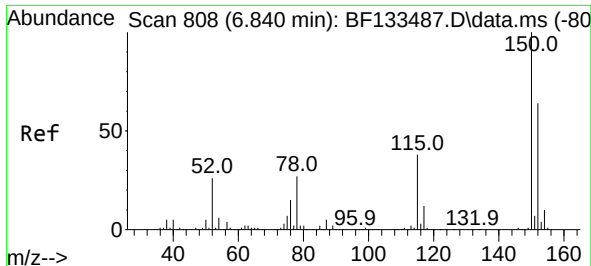
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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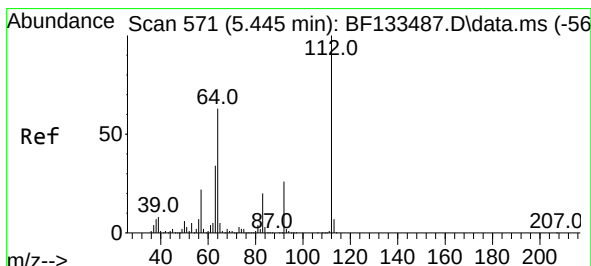
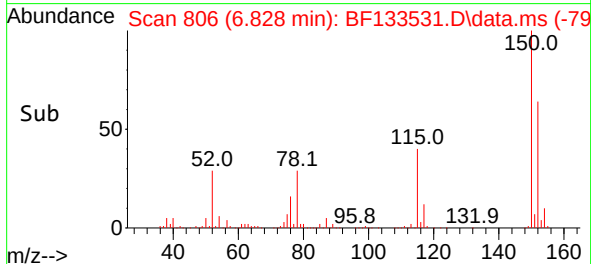
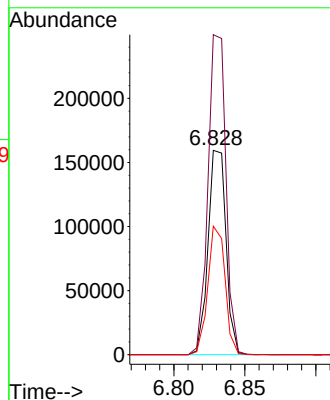
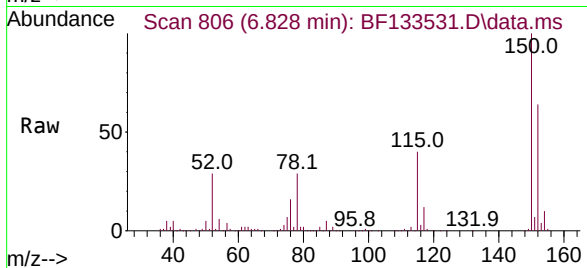




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133531.D
Acq: 30 May 2023 19:56

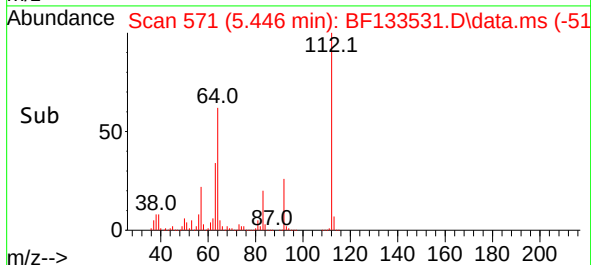
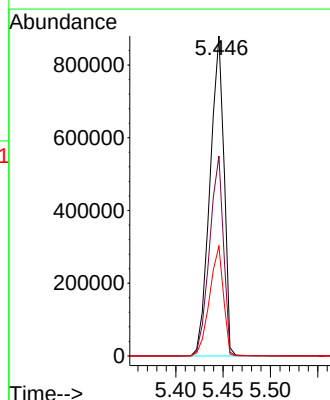
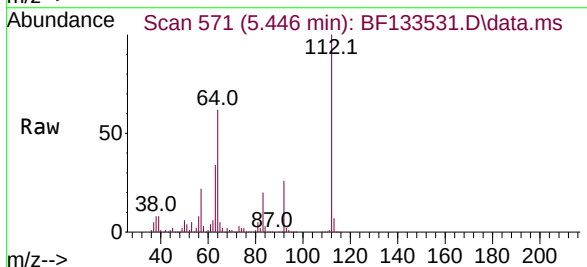
Instrument :
BNA_F
ClientSampleId :
WC25

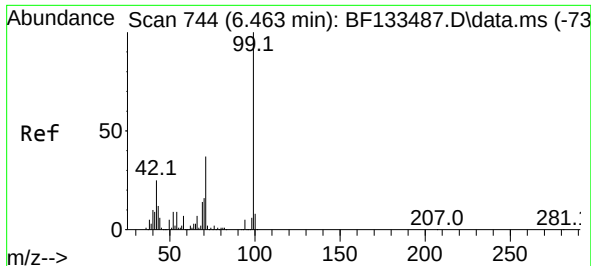
Tgt Ion:152 Resp: 141006
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 107.168 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133531.D
Acq: 30 May 2023 19:56

Tgt Ion:112 Resp: 905701
Ion Ratio Lower Upper
112 100
64 62.5 50.1 75.1
63 34.3 27.5 41.3





#7

Phenol-d6

Concen: 108.151 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133531.D

Acq: 30 May 2023 19:56

Instrument :

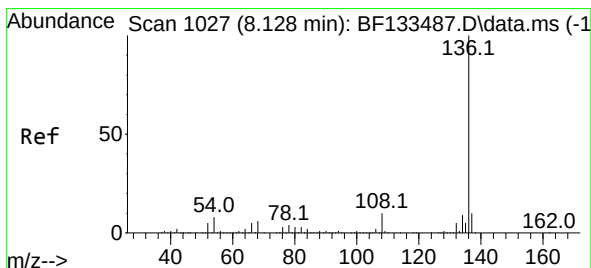
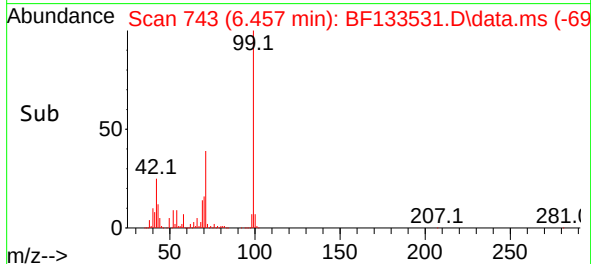
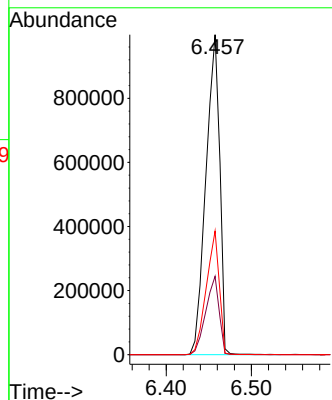
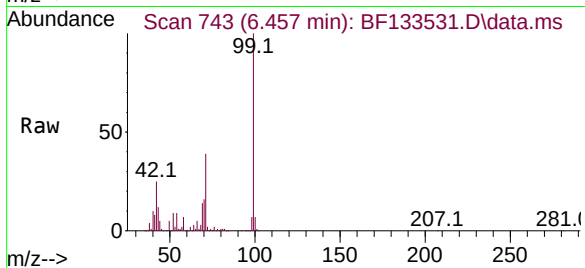
BNA_F

ClientSampleId :

WC25

Tgt Ion: 99 Resp: 1125156

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.7	29.5
71	38.6	29.8	44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

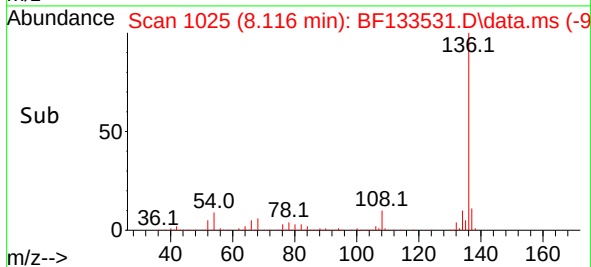
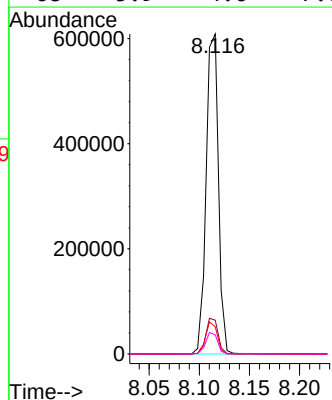
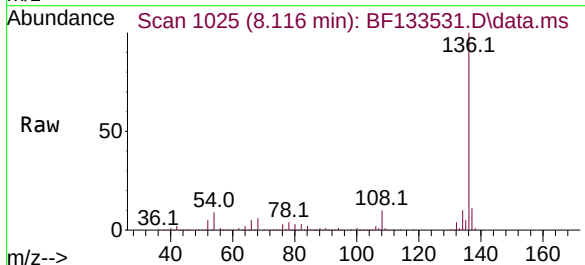
Delta R.T. -0.000 min

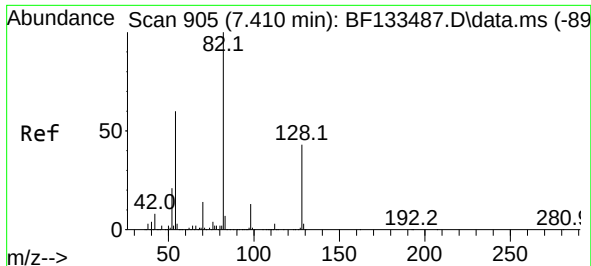
Lab File: BF133531.D

Acq: 30 May 2023 19:56

Tgt Ion: 136 Resp: 523616

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.5	6.6	10.0
68	5.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 88.522 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133531.D

Acq: 30 May 2023 19:56

Instrument :

BNA_F

ClientSampleId :

WC25

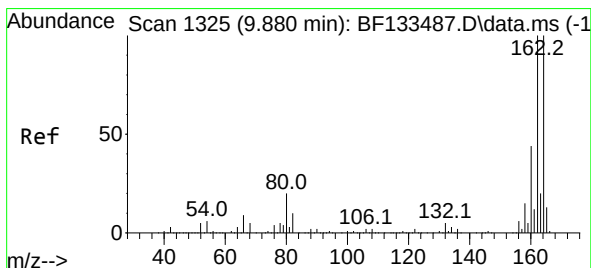
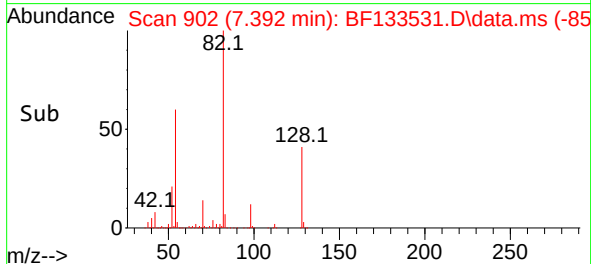
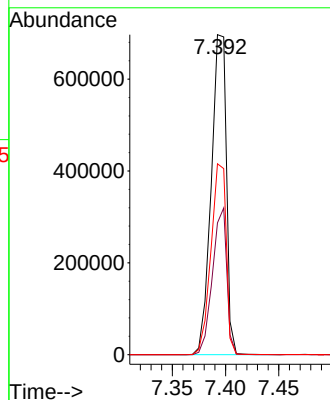
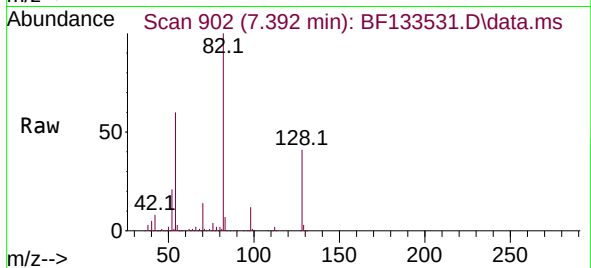
Tgt Ion: 82 Resp: 694208

Ion Ratio Lower Upper

82 100

128 41.2 34.2 51.4

54 59.7 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: BF133531.D

Acq: 30 May 2023 19:56

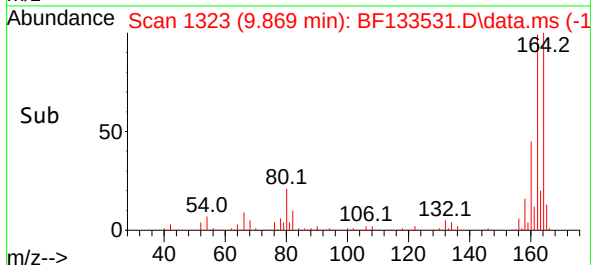
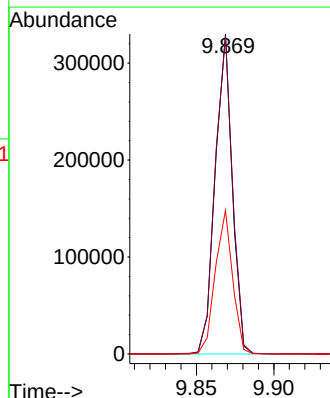
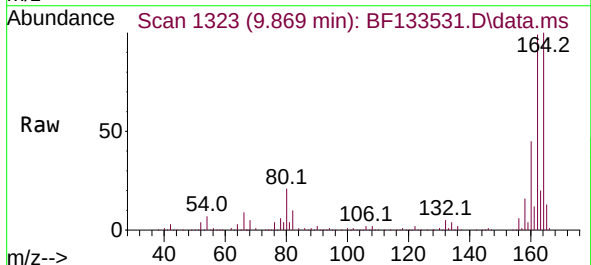
Tgt Ion: 164 Resp: 252408

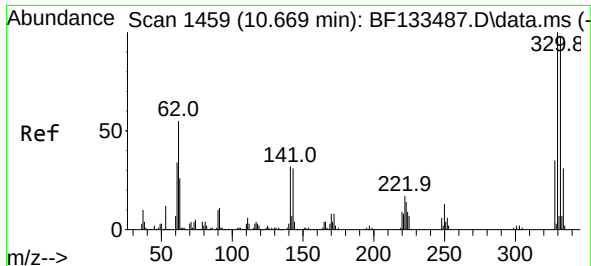
Ion Ratio Lower Upper

164 100

162 99.4 79.7 119.5

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 119.846 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133531.D

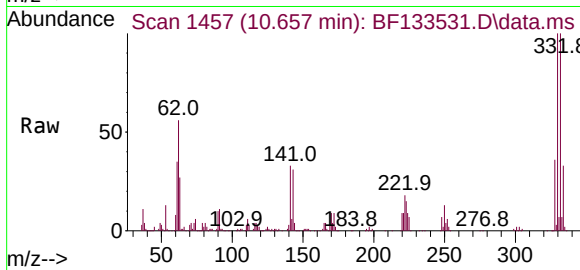
Acq: 30 May 2023 19:56

Instrument :

BNA_F

ClientSampleId :

WC25



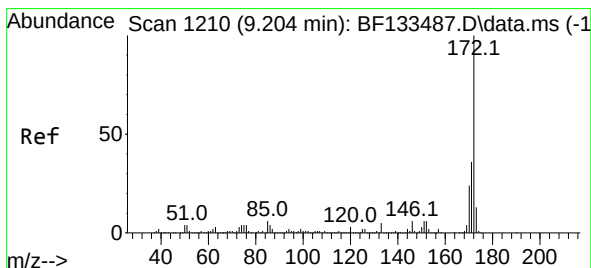
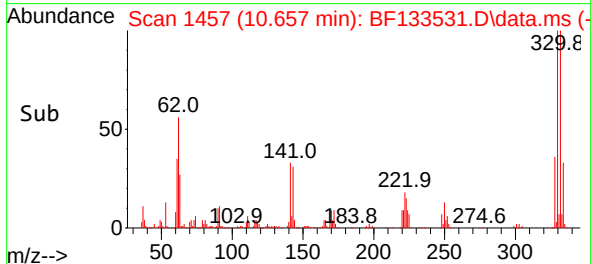
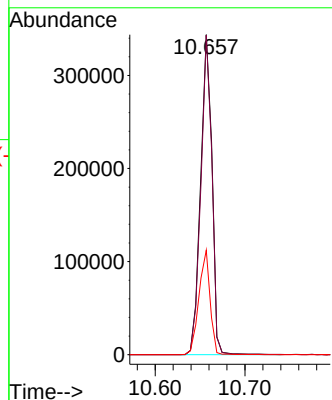
Tgt Ion:330 Resp: 301538

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

141 32.3 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 74.650 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133531.D

Acq: 30 May 2023 19:56

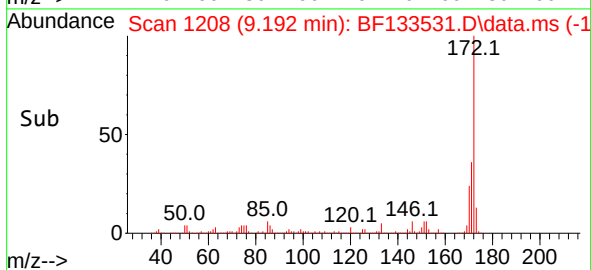
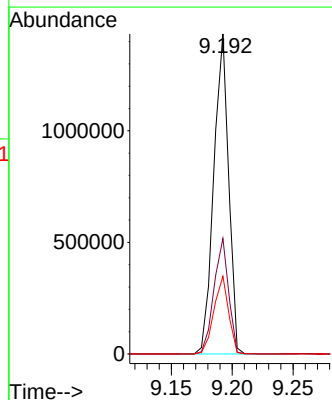
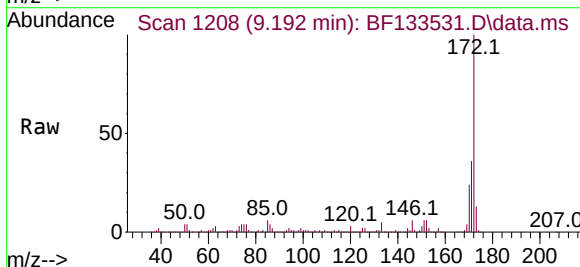
Tgt Ion:172 Resp: 1220800

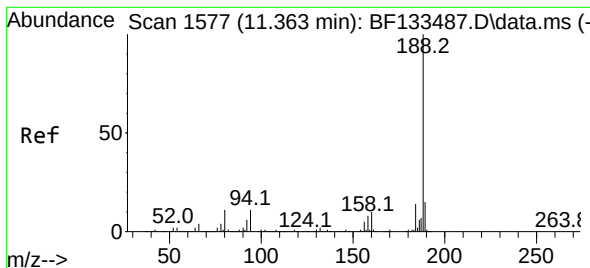
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133531.D

Acq: 30 May 2023 19:56

Instrument :

BNA_F

ClientSampleId :

WC25

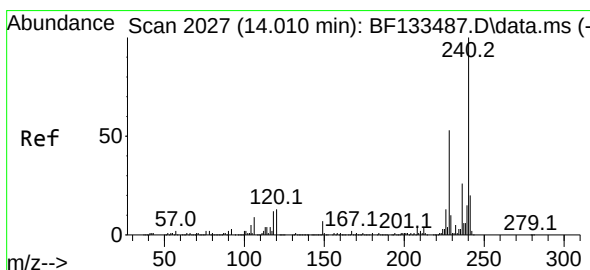
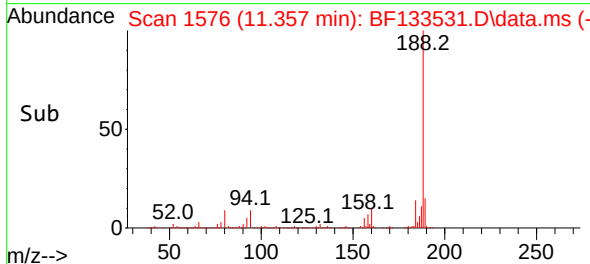
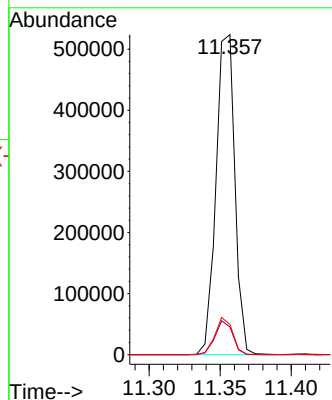
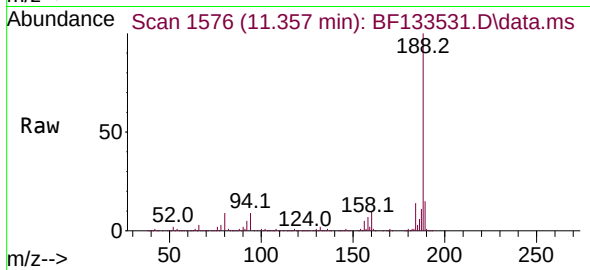
Tgt Ion:188 Resp: 484131

Ion Ratio Lower Upper

188 100

94 8.6 8.6 12.8

80 9.4 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: BF133531.D

Acq: 30 May 2023 19:56

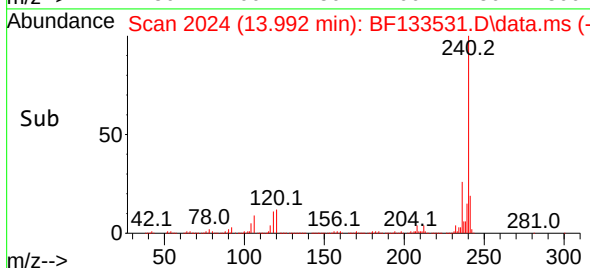
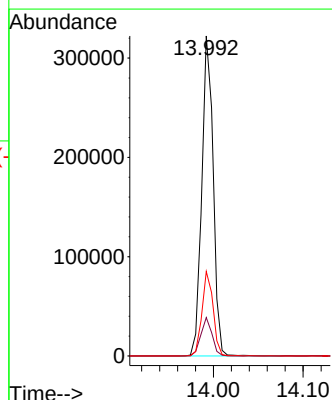
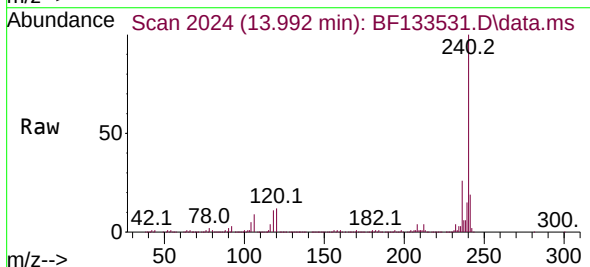
Tgt Ion:240 Resp: 284274

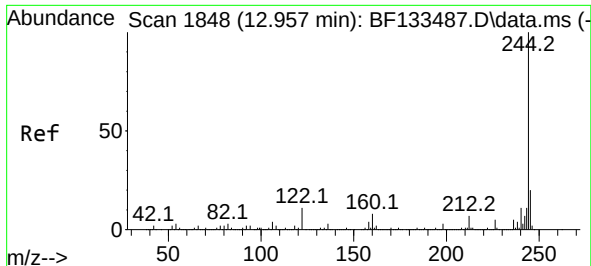
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 26.4 20.5 30.7

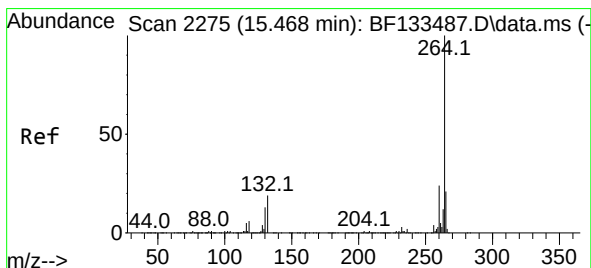
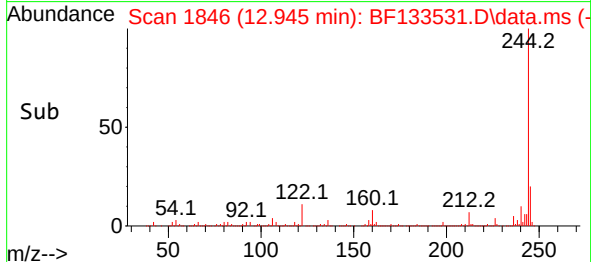
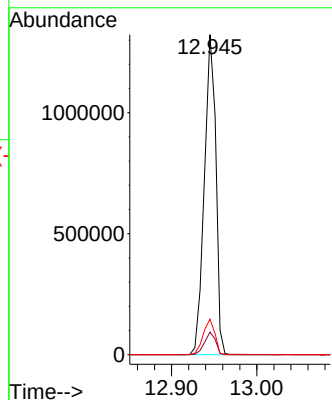
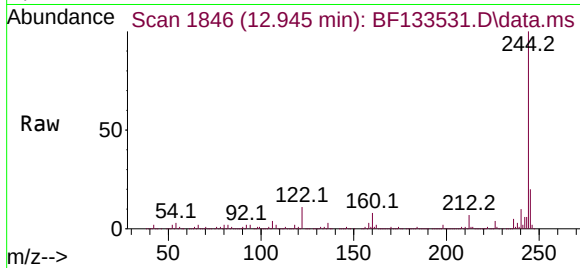




#79
 Terphenyl-d14
 Concen: 77.509 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133531.D
 Acq: 30 May 2023 19:56

Instrument :
 BNA_F
 ClientSampleId :
 WC25

Tgt Ion:244 Resp: 1239258
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.1 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: BF133531.D
 Acq: 30 May 2023 19:56

Tgt Ion:264 Resp: 293009
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.2 16.8 25.2

