

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133498.D
 Acq On : 25 May 2023 20:37
 Operator : CG\JU
 Sample : 02908-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC09

Quant Time: May 26 02:08:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88935	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	320552	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	154479	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	324446	20.000	ng	0.00
76) Chrysene-d12	13.998	240	280026	20.000	ng	-0.01
86) Perylene-d12	15.462	264	250472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	404230	75.835	ng	-0.01
7) Phenol-d6	6.451	99	486091	74.080	ng	-0.01
23) Nitrobenzene-d5	7.392	82	287770	59.940	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	138158	89.720	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	569007	56.851	ng	-0.01
79) Terphenyl-d14	12.951	244	733005	46.541	ng	0.00

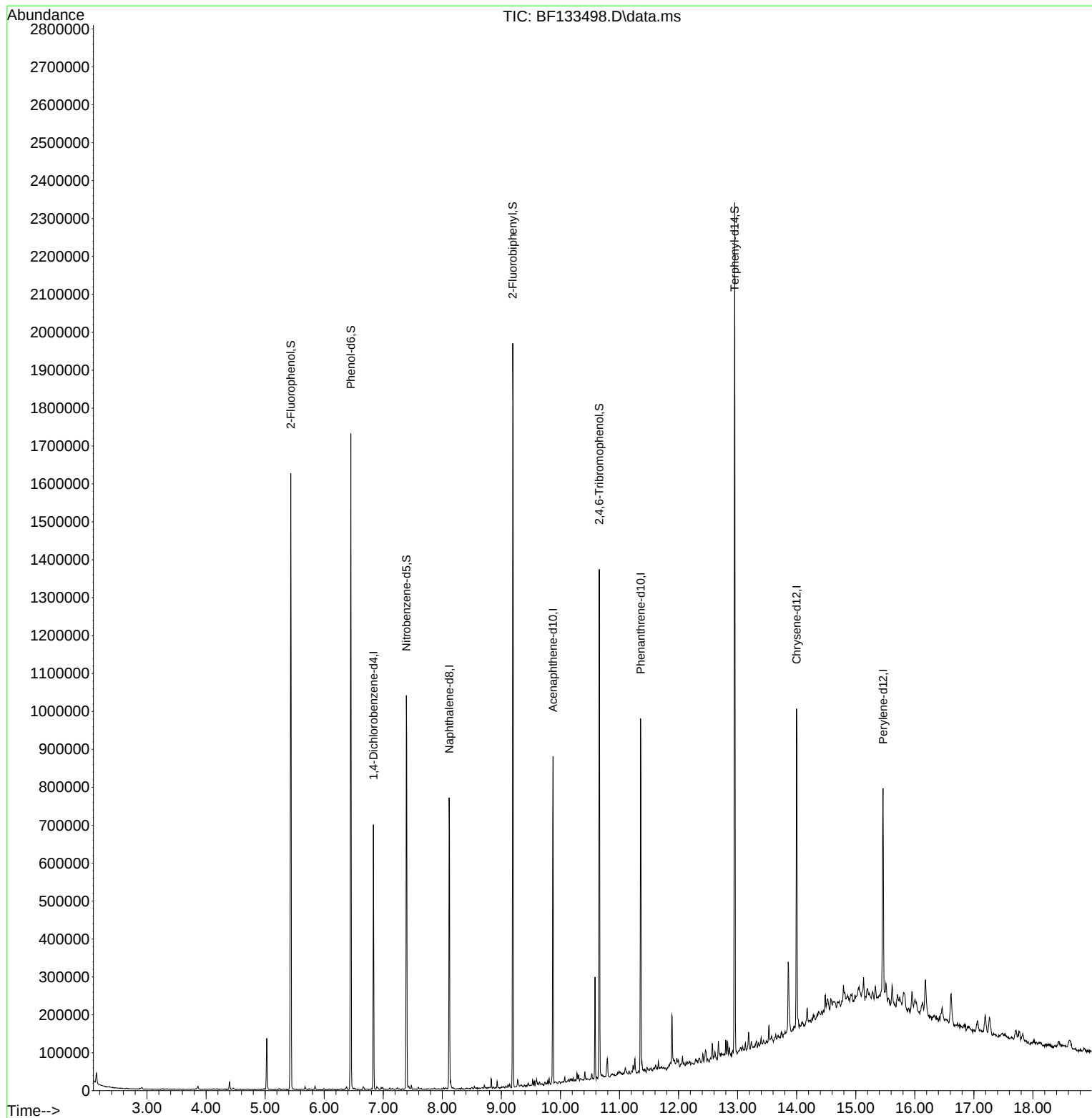
Target Compounds	Qvalue

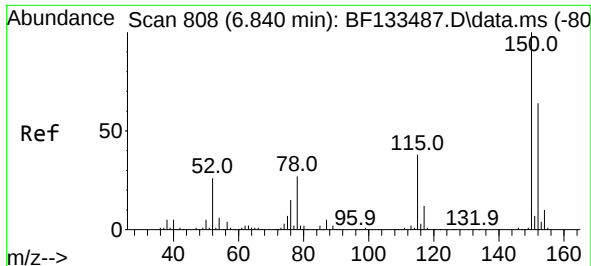
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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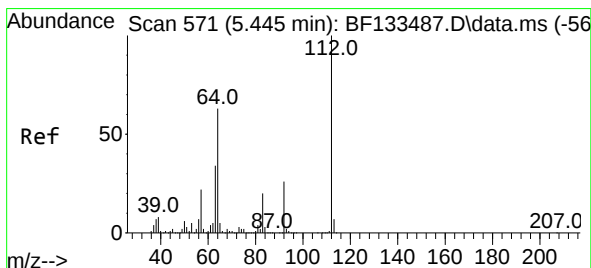
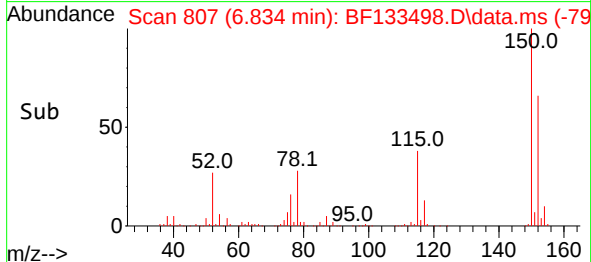
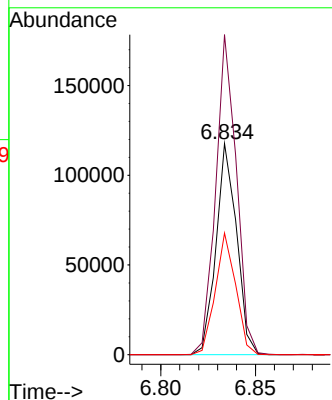
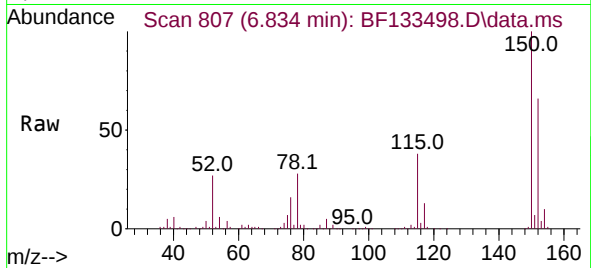




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133498.D
Acq: 25 May 2023 20:37

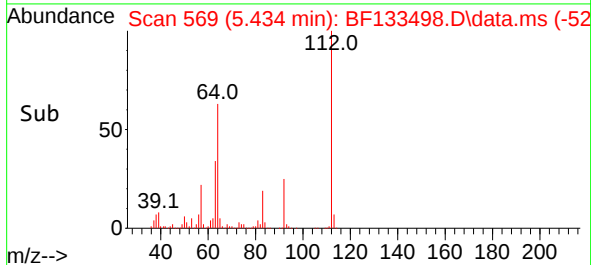
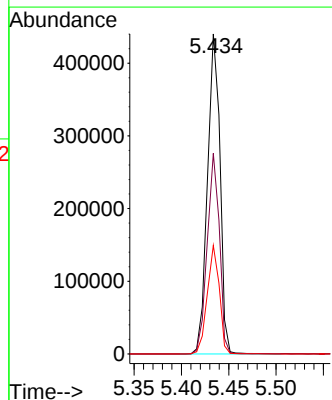
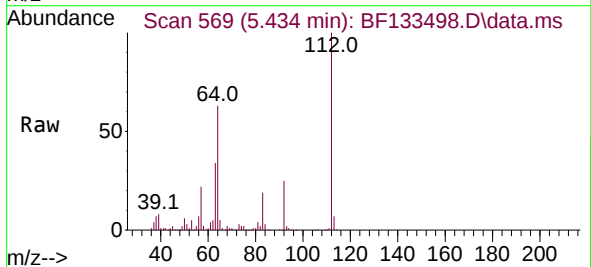
Instrument :
BNA_F
ClientSampleId :
WC09

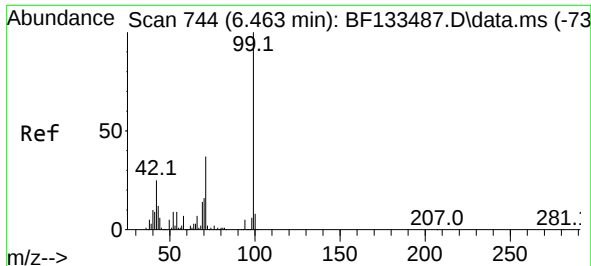
Tgt Ion:152 Resp: 88935
Ion Ratio Lower Upper
152 100
150 151.5 124.9 187.3
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 75.835 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.012 min
Lab File: BF133498.D
Acq: 25 May 2023 20:37

Tgt Ion:112 Resp: 404230
Ion Ratio Lower Upper
112 100
64 62.7 50.1 75.1
63 33.9 27.5 41.3

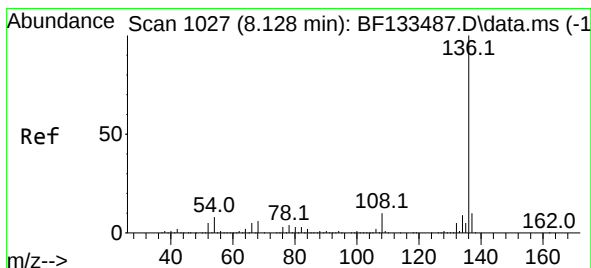
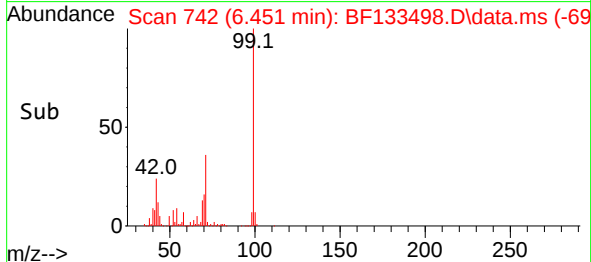
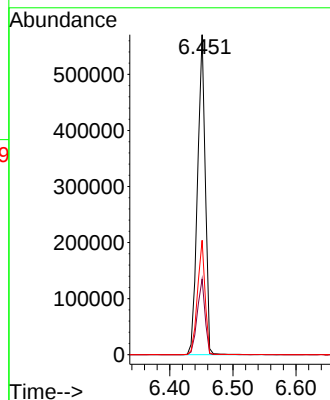
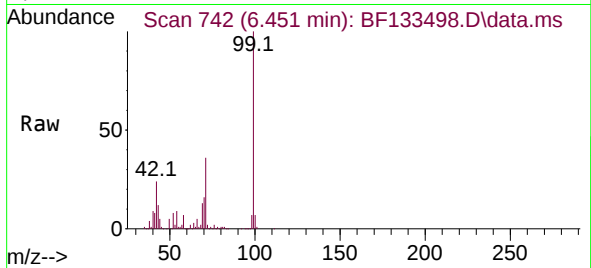




#7
Phenol-d6
Concen: 74.080 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF133498.D
Acq: 25 May 2023 20:37

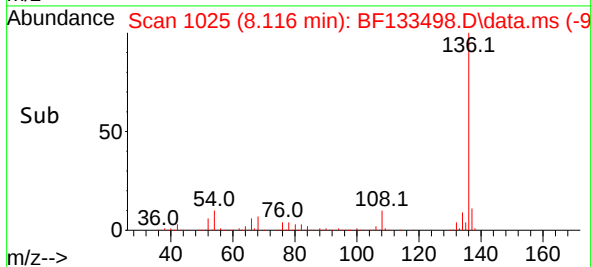
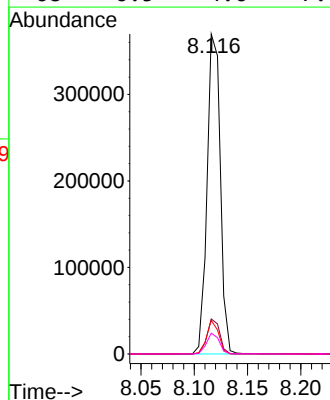
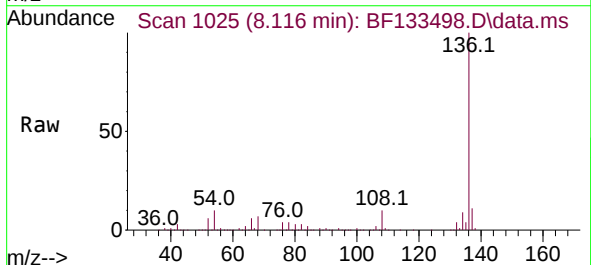
Instrument :
BNA_F
ClientSampleId :
WC09

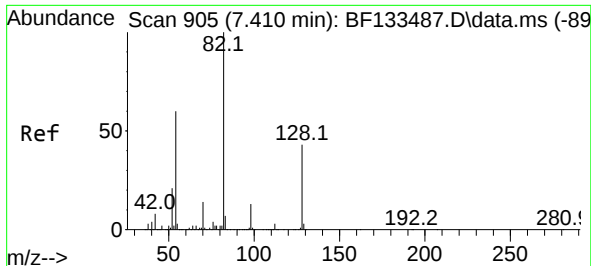
Tgt Ion: 99 Resp: 486091
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 35.7 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF133498.D
Acq: 25 May 2023 20:37

Tgt Ion: 136 Resp: 320552
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 10.5 6.6 10.0#
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 59.940 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF133498.D

Acq: 25 May 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC09

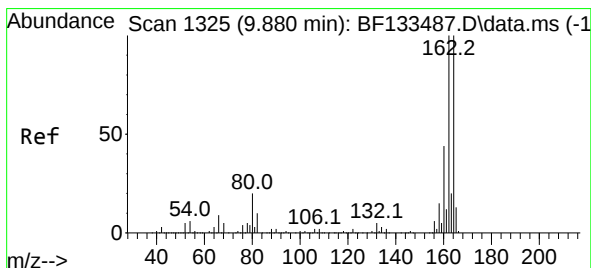
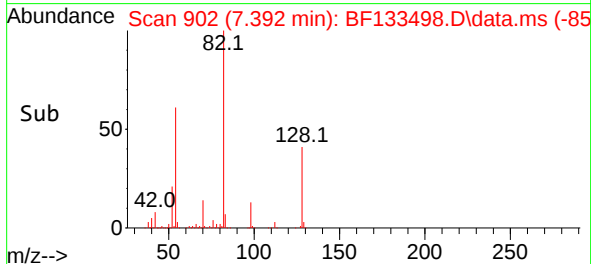
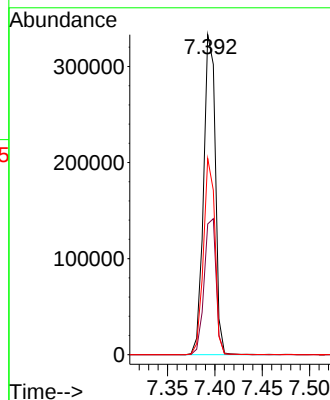
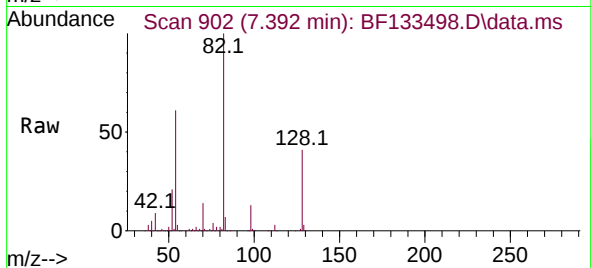
Tgt Ion: 82 Resp: 287770

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.4

54 61.3 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133498.D

Acq: 25 May 2023 20:37

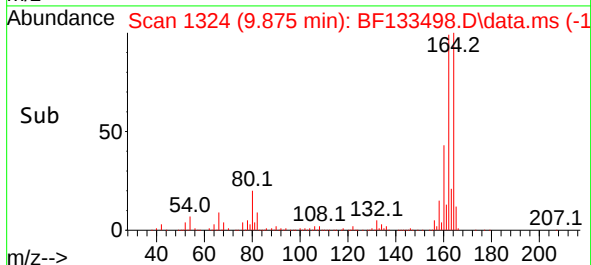
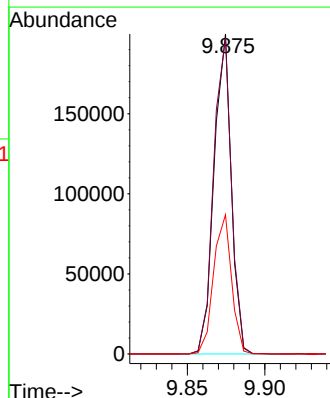
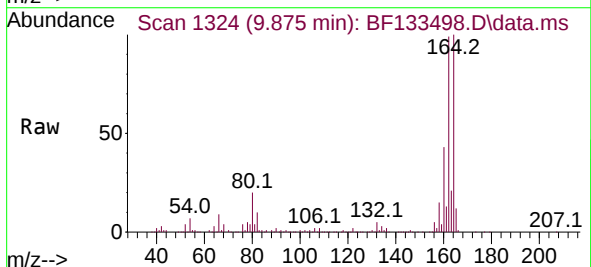
Tgt Ion:164 Resp: 154479

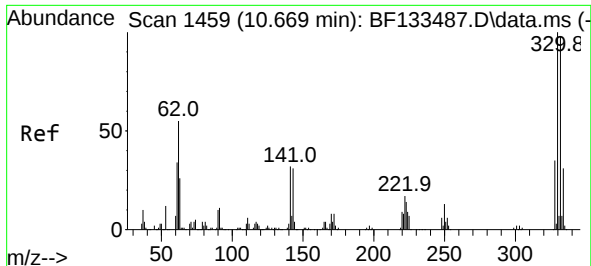
Ion Ratio Lower Upper

164 100

162 98.6 79.7 119.5

160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 89.720 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF133498.D

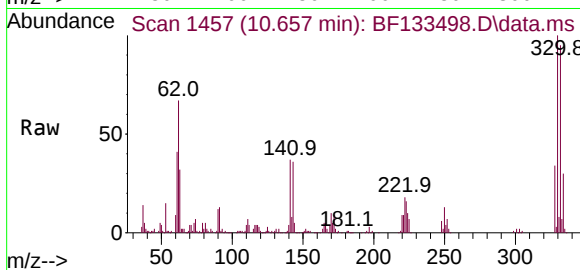
Acq: 25 May 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC09



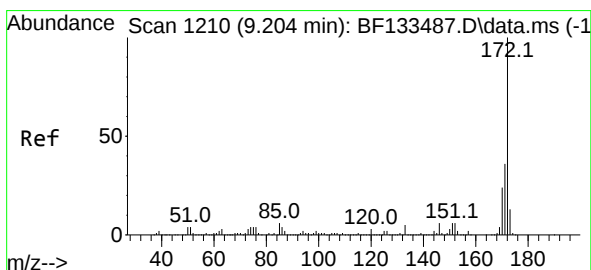
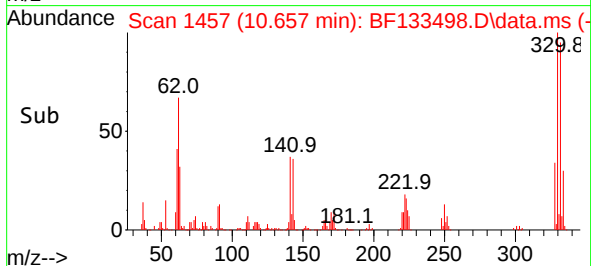
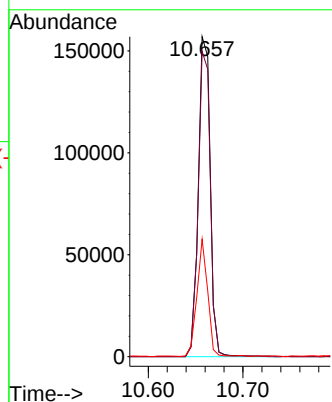
Tgt Ion:330 Resp: 138158

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

141 32.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 56.851 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF133498.D

Acq: 25 May 2023 20:37

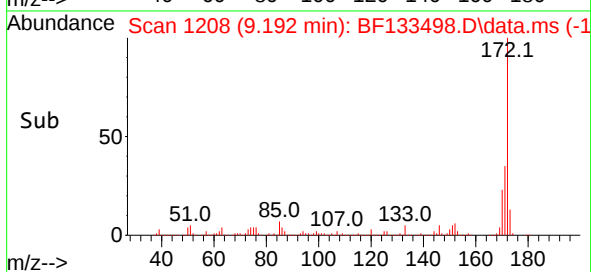
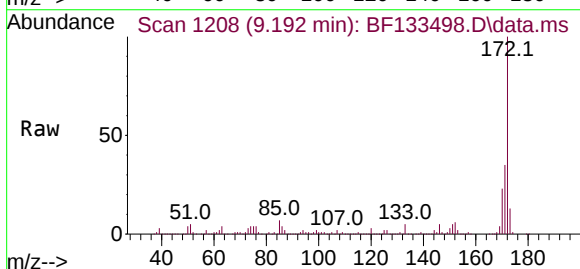
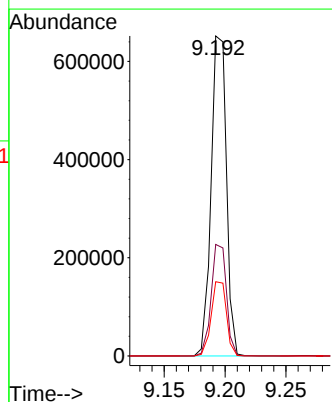
Tgt Ion:172 Resp: 569007

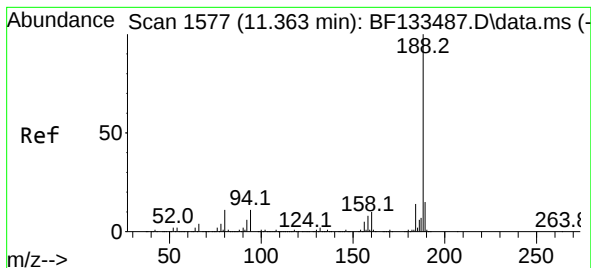
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 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: BF133498.D

Acq: 25 May 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC09

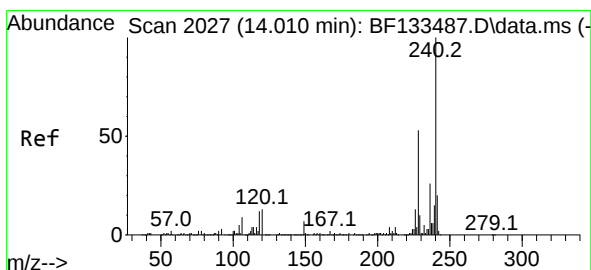
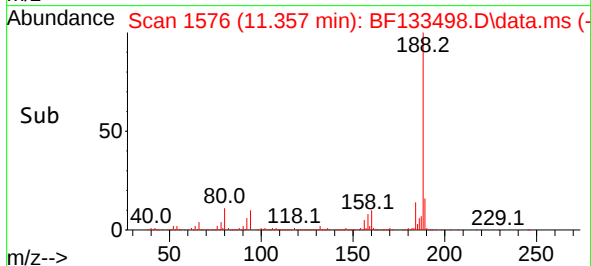
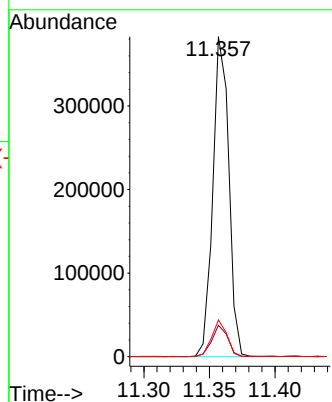
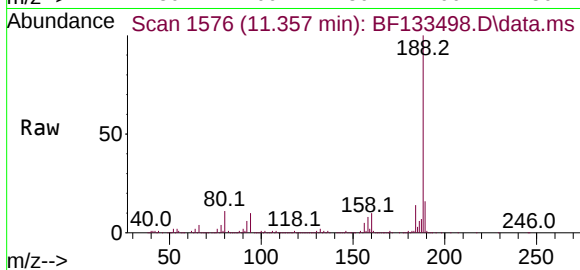
Tgt Ion:188 Resp: 324446

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

80 11.4 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF133498.D

Acq: 25 May 2023 20:37

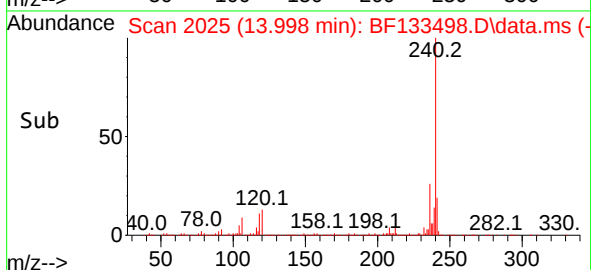
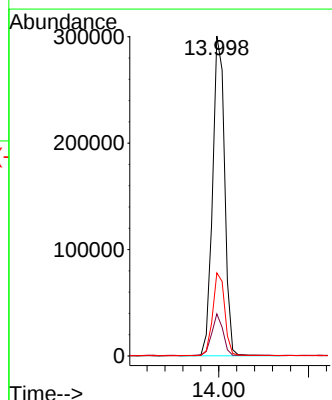
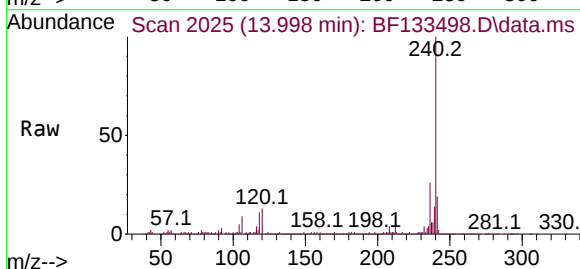
Tgt Ion:240 Resp: 280026

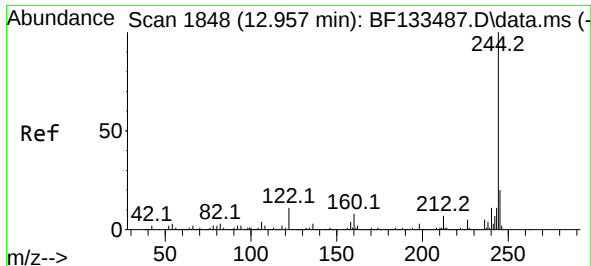
Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

236 26.0 20.5 30.7

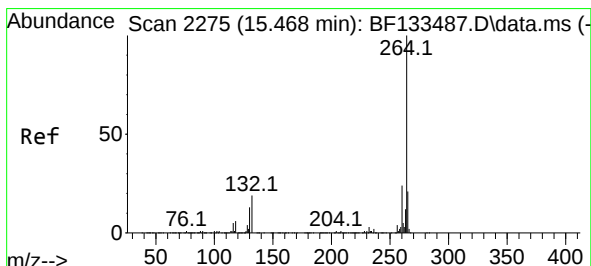
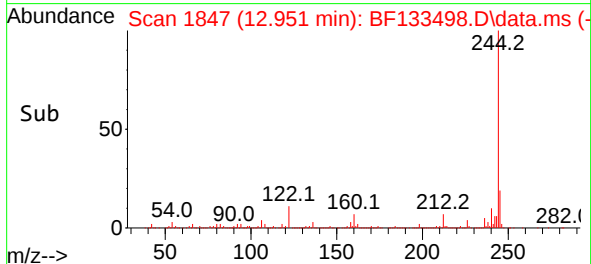
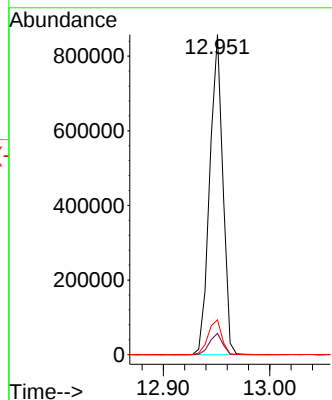
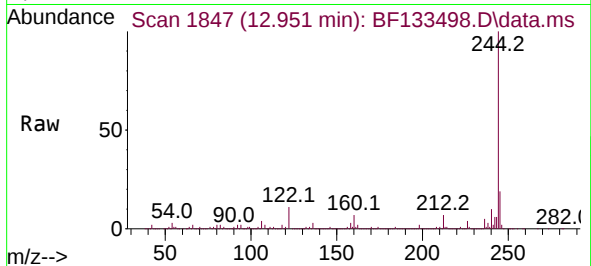




#79
 Terphenyl-d14
 Concen: 46.541 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133498.D
 Acq: 25 May 2023 20:37

Instrument :
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Tgt Ion:244 Resp: 733005
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133498.D
 Acq: 25 May 2023 20:37

Tgt Ion:264 Resp: 250472
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.7 16.8 25.2

