

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133496.D
 Acq On : 25 May 2023 19:34
 Operator : CG\JU
 Sample : 02908-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC13

Quant Time: May 26 02:08:25 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	79581	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	295416	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	139457	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	291204	20.000	ng	0.00
76) Chrysene-d12	13.998	240	256083	20.000	ng	-0.01
86) Perylene-d12	15.457	264	283721	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	416668	87.357	ng	-0.01
7) Phenol-d6	6.451	99	502800	85.633	ng	-0.01
23) Nitrobenzene-d5	7.393	82	301803	68.212	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	133752	96.215	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	574769	63.612	ng	-0.01
79) Terphenyl-d14	12.951	244	714997	49.642	ng	0.00

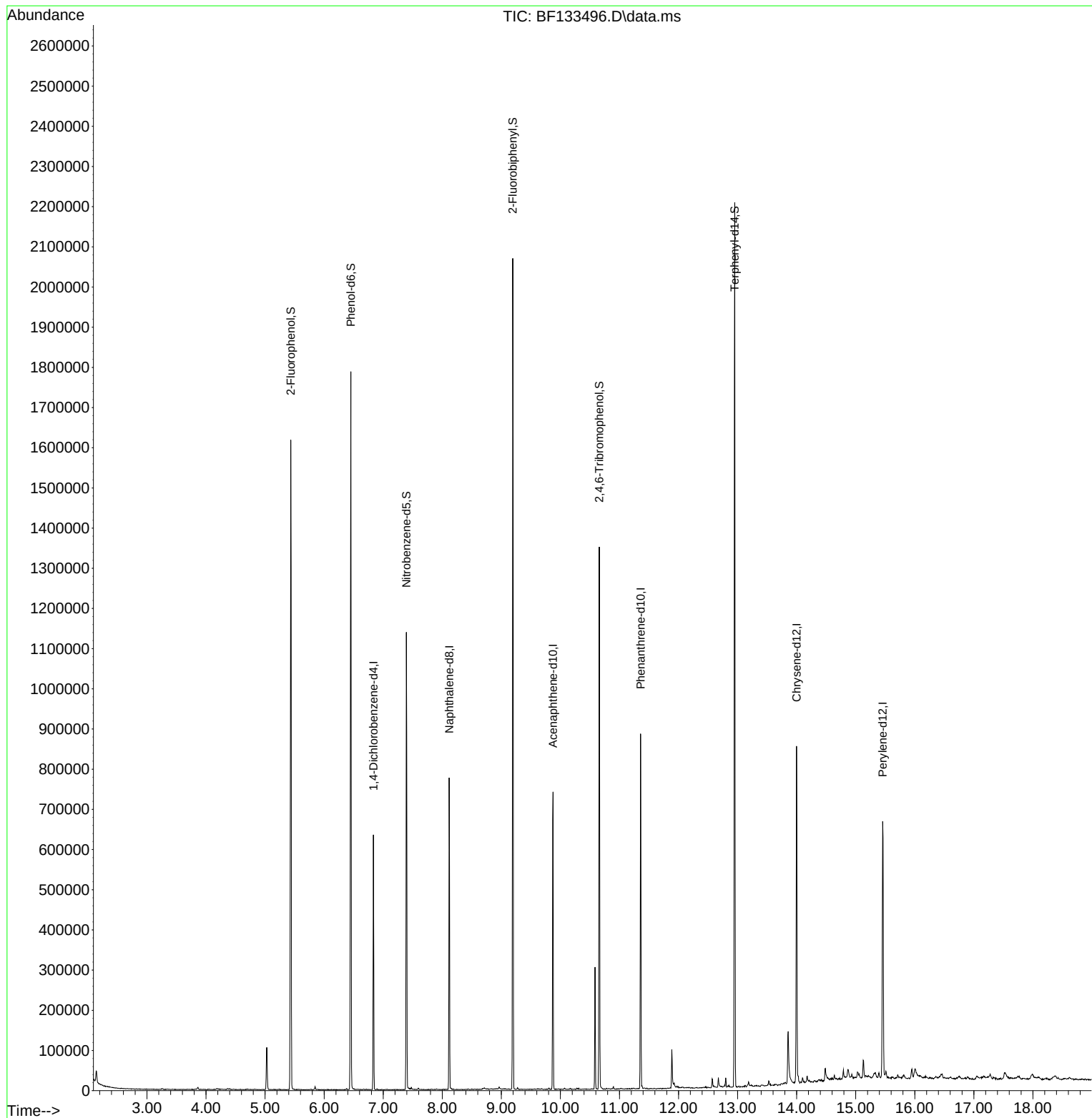
Target Compounds	Qvalue

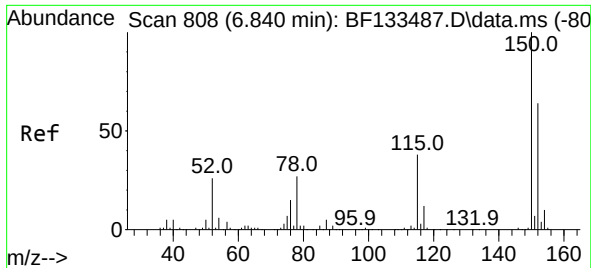
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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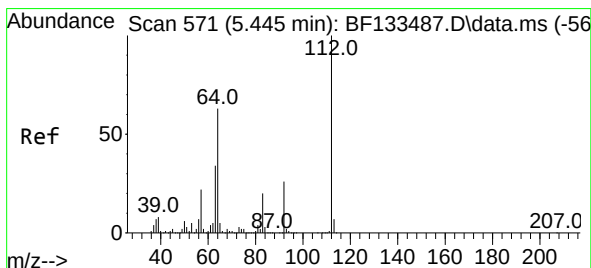
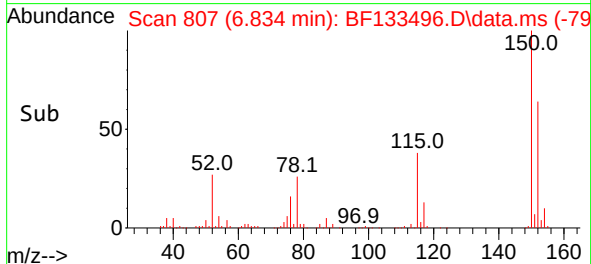
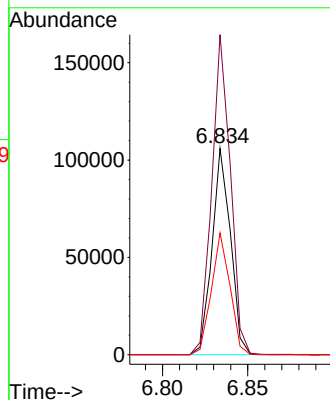
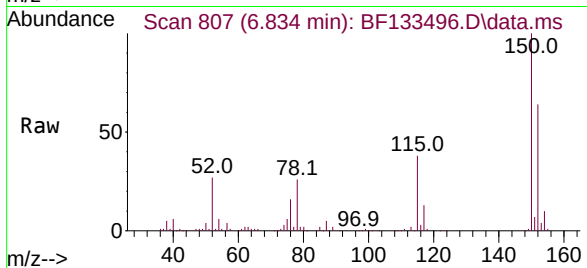




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133496.D
Acq: 25 May 2023 19:34

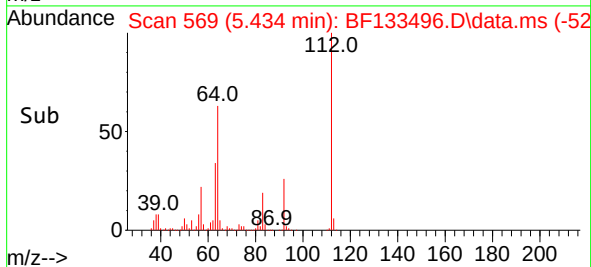
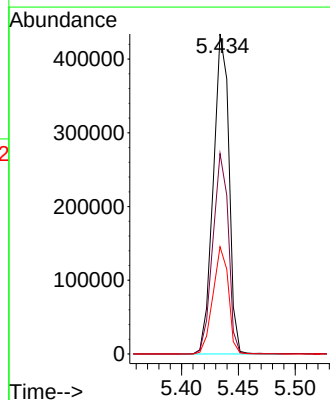
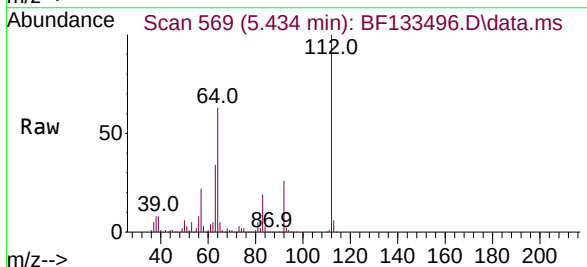
Instrument :
BNA_F
ClientSampleId :
WC13

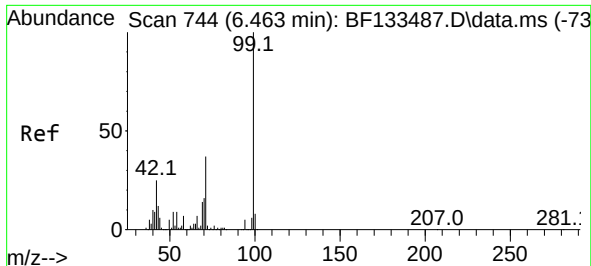
Tgt Ion:152 Resp: 79581
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 59.0 48.1 72.1



#5
2-Fluorophenol
Concen: 87.357 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.012 min
Lab File: BF133496.D
Acq: 25 May 2023 19:34

Tgt Ion:112 Resp: 416668
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 33.5 27.5 41.3

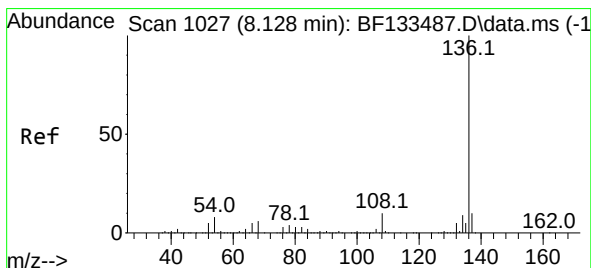
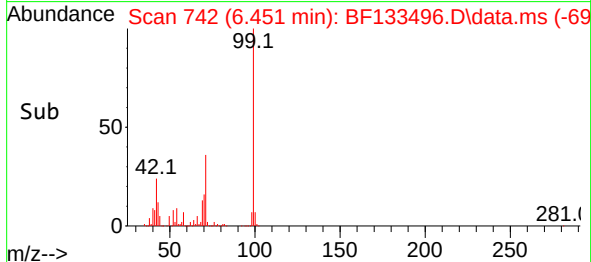
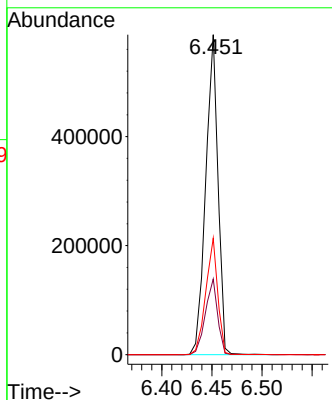
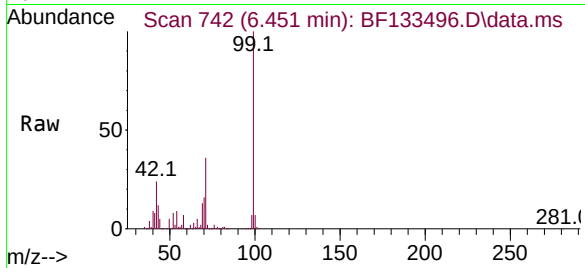




#7
Phenol-d6
Concen: 85.633 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133496.D
Acq: 25 May 2023 19:34

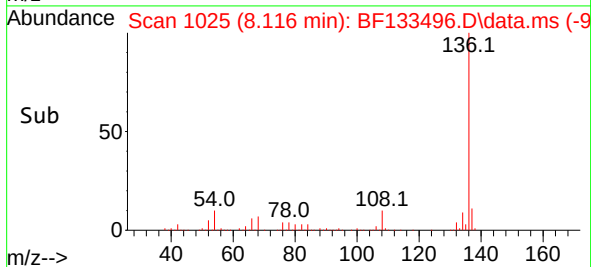
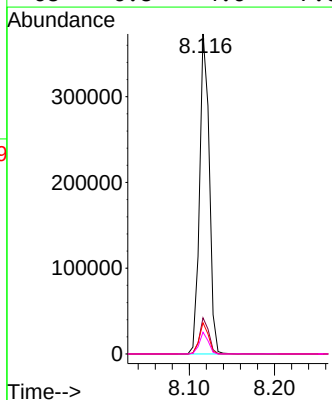
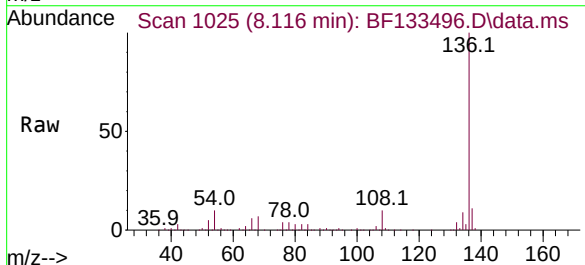
Instrument :
BNA_F
ClientSampleId :
WC13

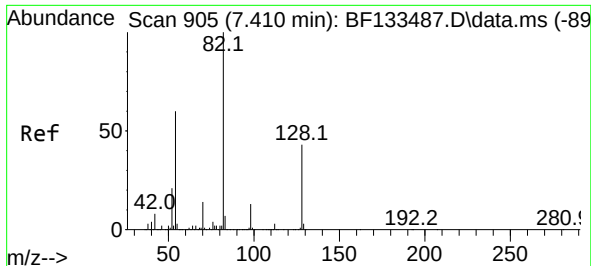
Tgt Ion: 99 Resp: 502800
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.4 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF133496.D
Acq: 25 May 2023 19:34

Tgt Ion: 136 Resp: 295416
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.4
54 9.7 6.6 10.0
68 6.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 68.212 ng

RT: 7.393 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF133496.D

Acq: 25 May 2023 19:34

Instrument :

BNA_F

ClientSampleId :

WC13

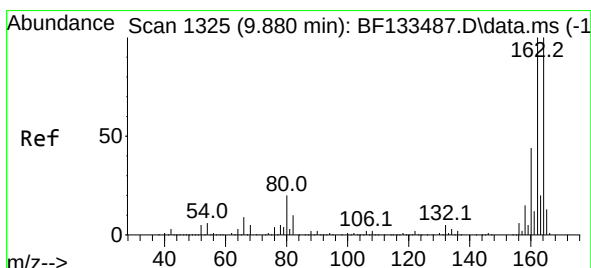
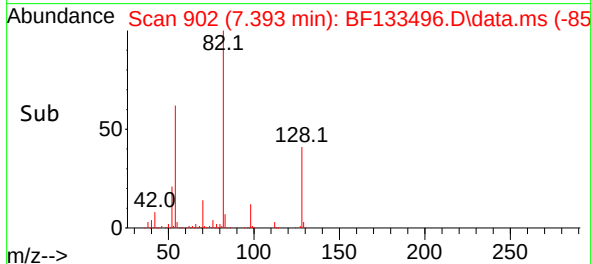
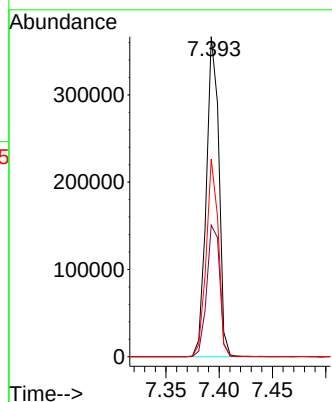
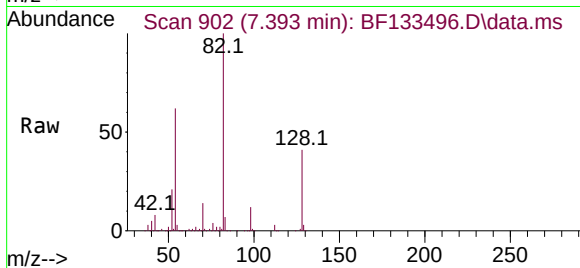
Tgt Ion: 82 Resp: 301803

Ion Ratio Lower Upper

82 100

128 41.1 34.2 51.4

54 61.7 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: BF133496.D

Acq: 25 May 2023 19:34

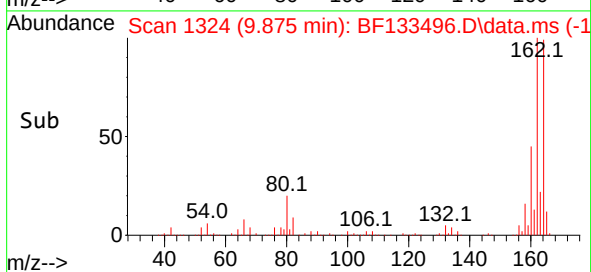
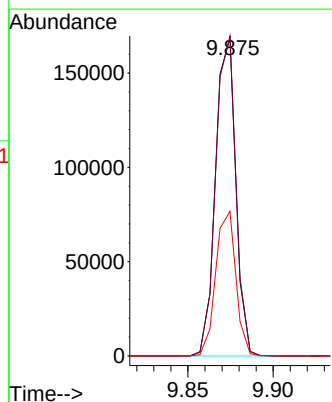
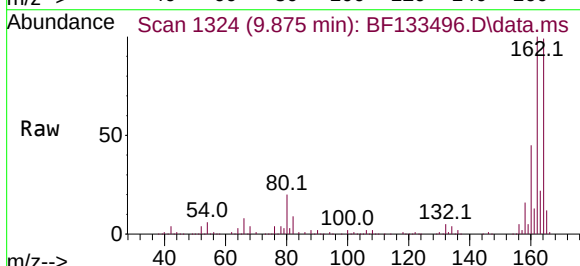
Tgt Ion:164 Resp: 139457

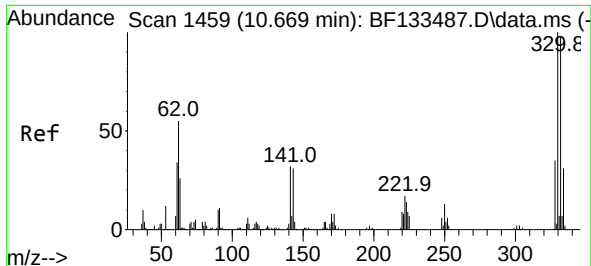
Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 96.215 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF133496.D

Acq: 25 May 2023 19:34

Instrument :

BNA_F

ClientSampleId :

WC13

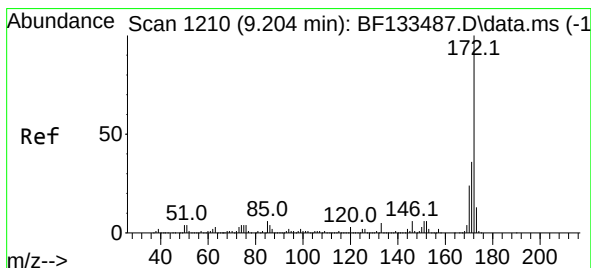
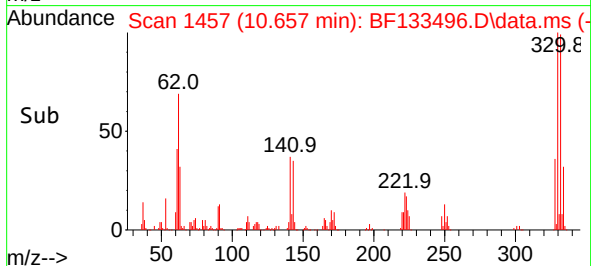
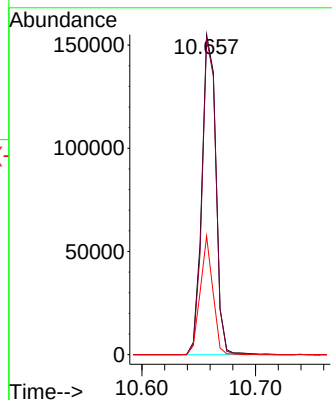
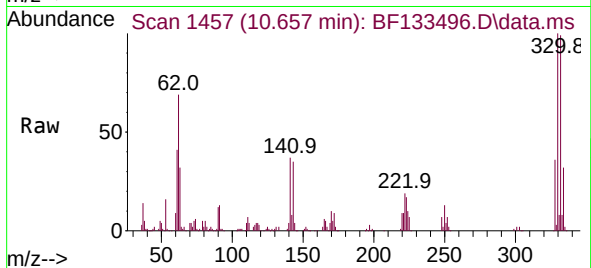
Tgt Ion:330 Resp: 133752

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

141 33.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 63.612 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF133496.D

Acq: 25 May 2023 19:34

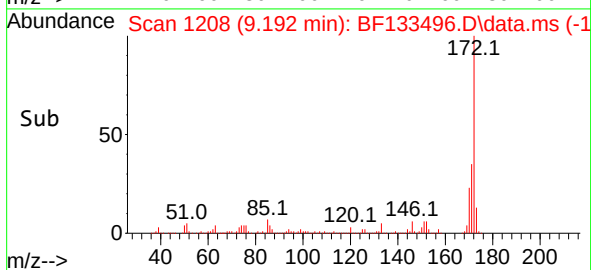
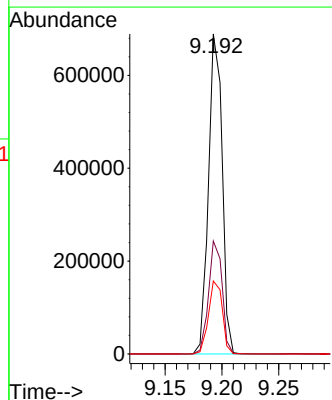
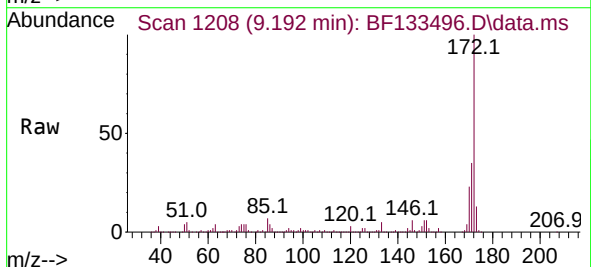
Tgt Ion:172 Resp: 574769

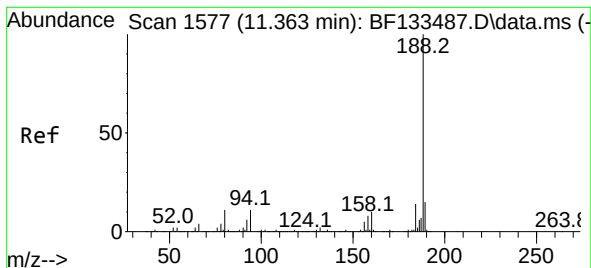
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 22.8 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: BF133496.D

Acq: 25 May 2023 19:34

Instrument :

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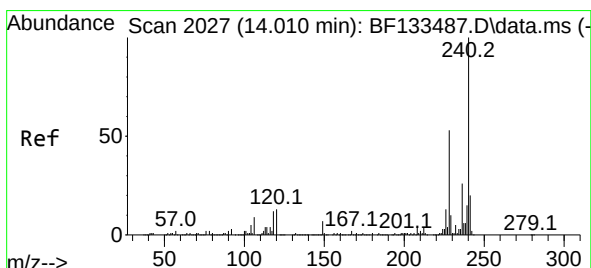
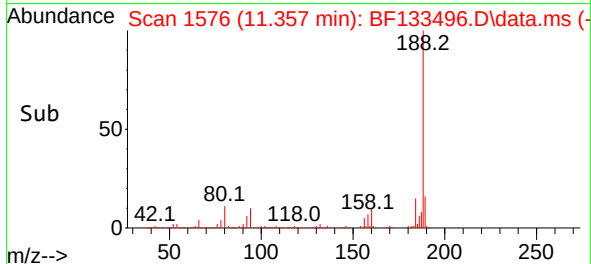
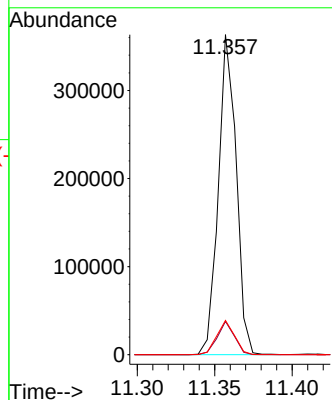
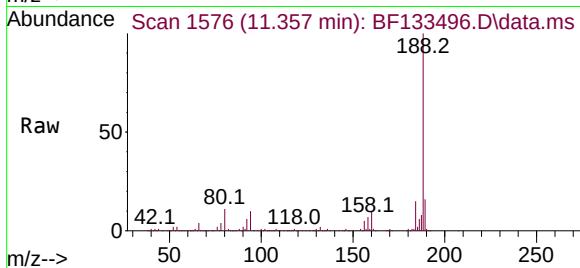
Tgt Ion:188 Resp: 291204

Ion Ratio Lower Upper

188 100

94 10.4 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. -0.012 min

Lab File: BF133496.D

Acq: 25 May 2023 19:34

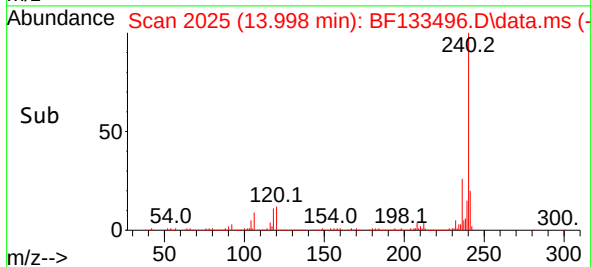
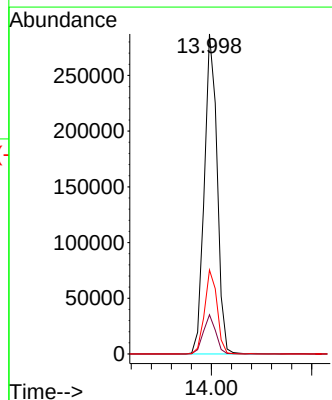
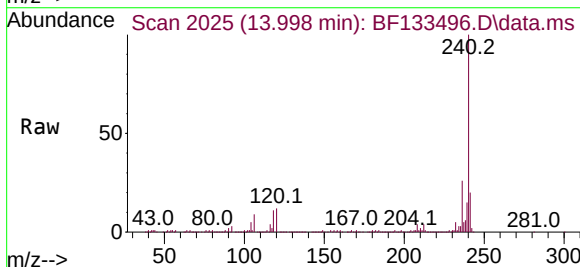
Tgt Ion:240 Resp: 256083

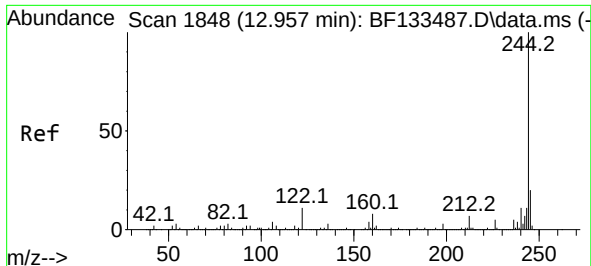
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

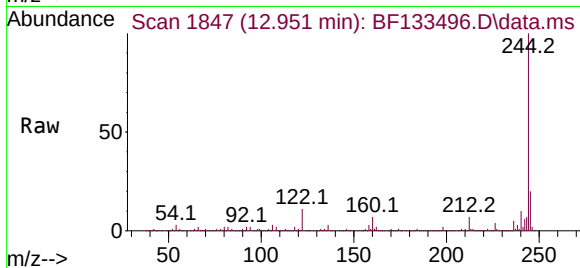
236 26.2 20.5 30.7



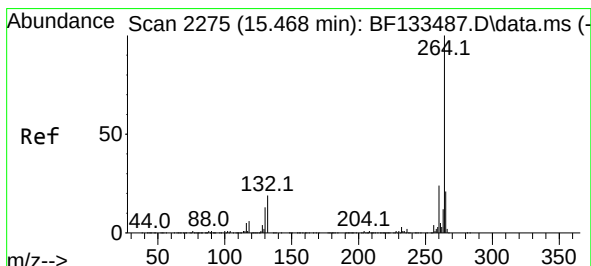
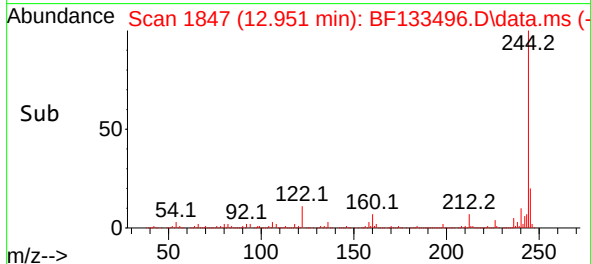
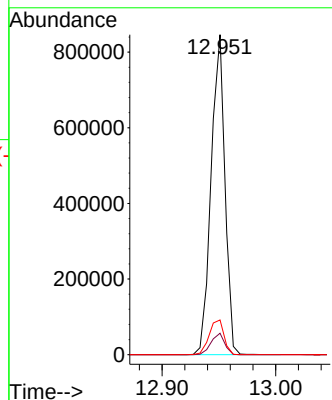


#79
 Terphenyl-d14
 Concen: 49.642 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133496.D
 Acq: 25 May 2023 19:34

Instrument :
 BNA_F
 ClientSampleId :
 WC13



Tgt Ion:244 Resp: 714997
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF133496.D
 Acq: 25 May 2023 19:34

Tgt Ion:264 Resp: 283721
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.2 16.8 25.2

