

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133481.D
 Acq On : 24 May 2023 20:43
 Operator : CG\JU
 Sample : 02899-09 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC14

Quant Time: May 25 05:22:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	132228	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	511853	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	244621	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	429806	20.000	ng	0.00
76) Chrysene-d12	14.004	240	284835	20.000	ng	0.00
86) Perylene-d12	15.463	264	205074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	63544	7.855	ng	-0.01
7) Phenol-d6	6.451	99	78927	8.117	ng	-0.01
23) Nitrobenzene-d5	7.398	82	38030	5.137	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	15144	6.702	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	94202	5.418	ng	0.00
79) Terphenyl-d14	12.951	244	87896	5.900	ng	0.00

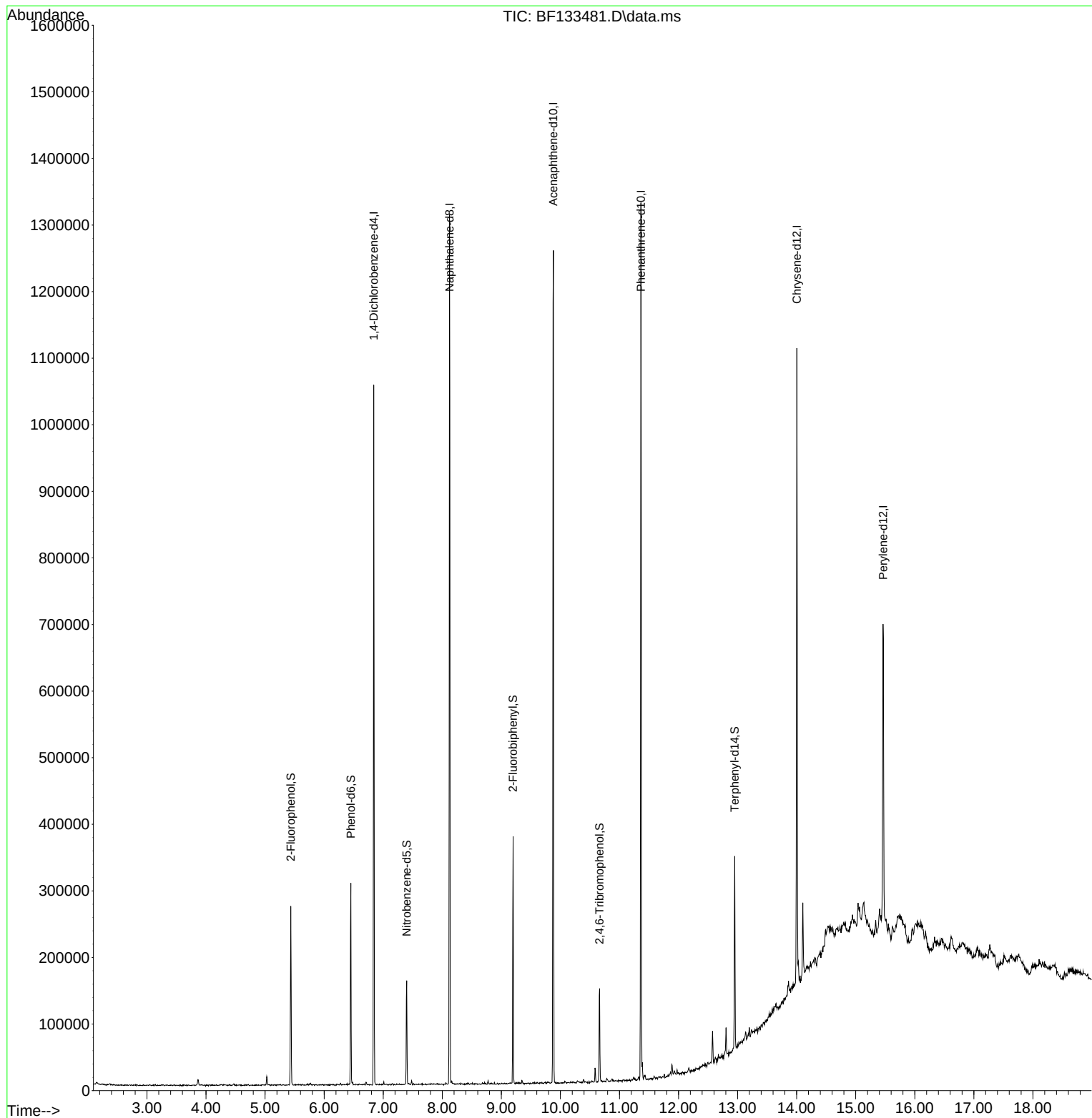
Target Compounds	Qvalue

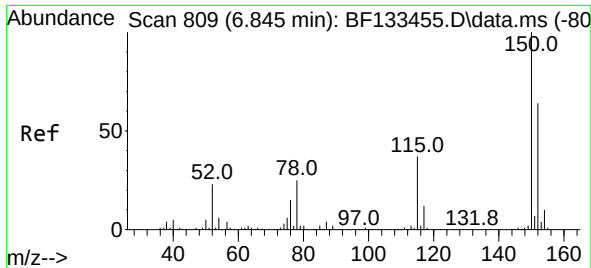
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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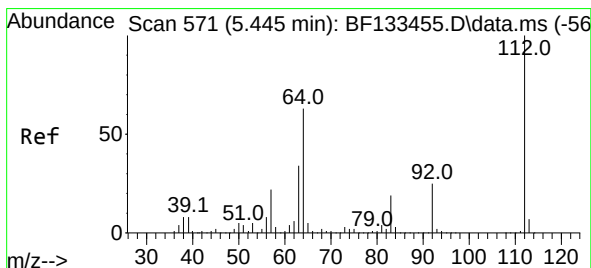
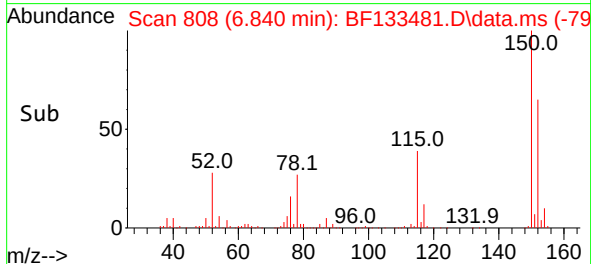
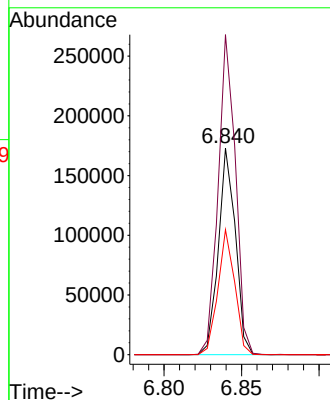
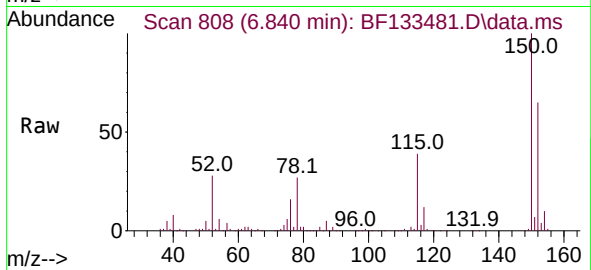




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133481.D
Acq: 24 May 2023 20:43

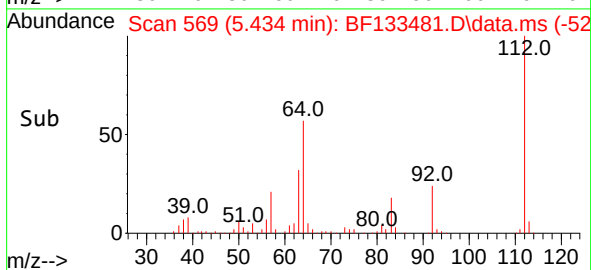
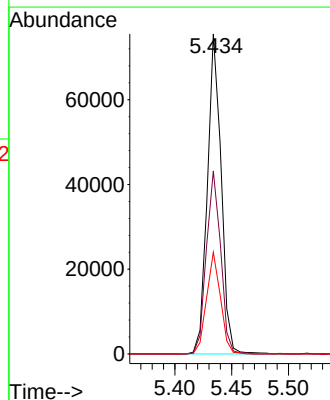
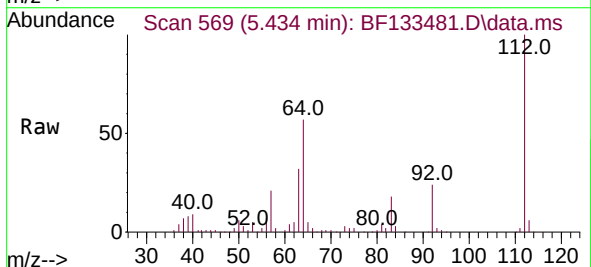
Instrument :
BNA_F
ClientSampleId :
WC14

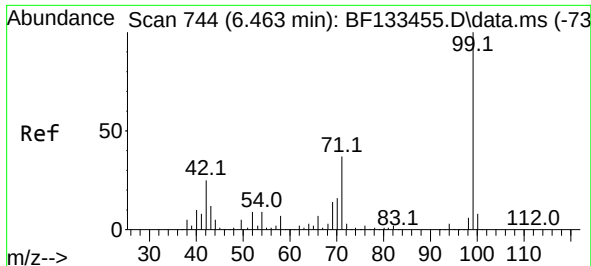
Tgt Ion:152 Resp: 132228
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 60.5 47.0 70.4



#5
2-Fluorophenol
Concen: 7.855 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.012 min
Lab File: BF133481.D
Acq: 24 May 2023 20:43

Tgt Ion:112 Resp: 63544
Ion Ratio Lower Upper
112 100
64 57.2 50.2 75.4
63 31.8 27.2 40.8

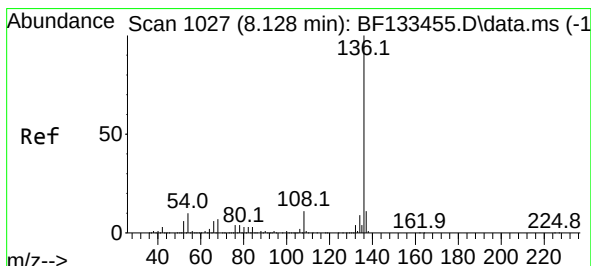
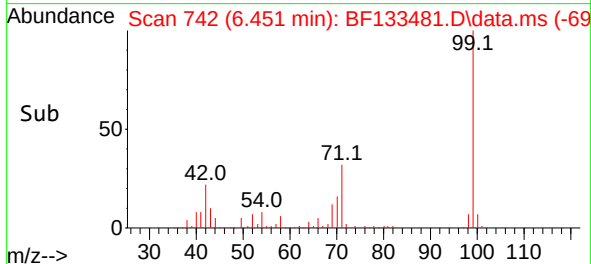
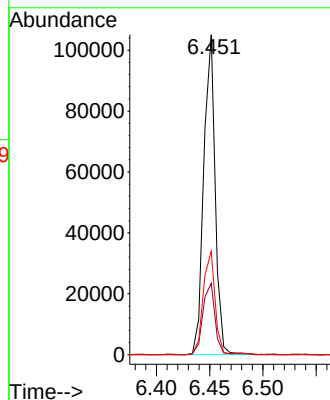
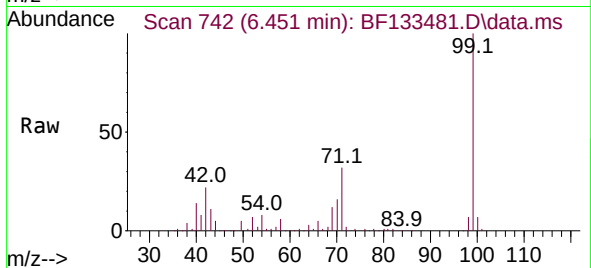




#7
Phenol-d6
Concen: 8.117 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF133481.D
Acq: 24 May 2023 20:43

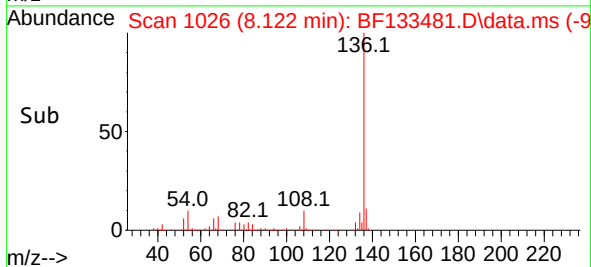
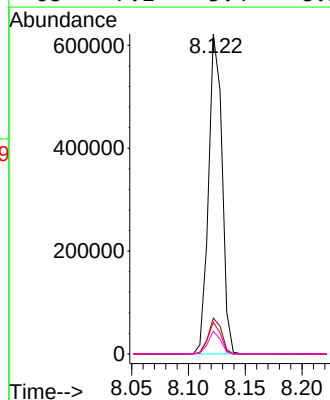
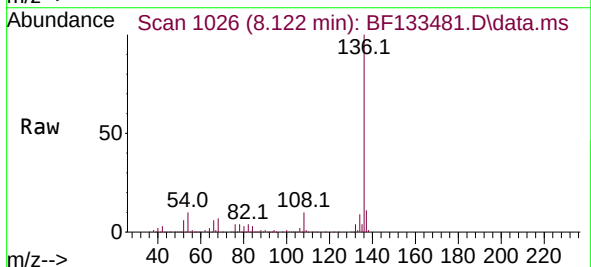
Instrument :
BNA_F
ClientSampleId :
WC14

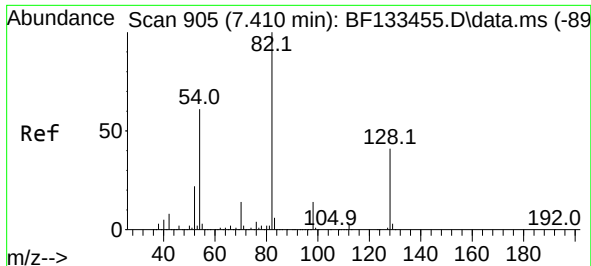
Tgt Ion: 99 Resp: 78927
Ion Ratio Lower Upper
99 100
42 22.3 19.6 29.4
71 32.3 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133481.D
Acq: 24 May 2023 20:43

Tgt Ion: 136 Resp: 511853
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.9 8.0 12.0
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 5.137 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

Instrument :

BNA_F

ClientSampleId :

WC14

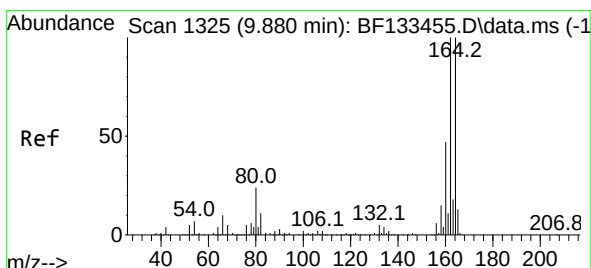
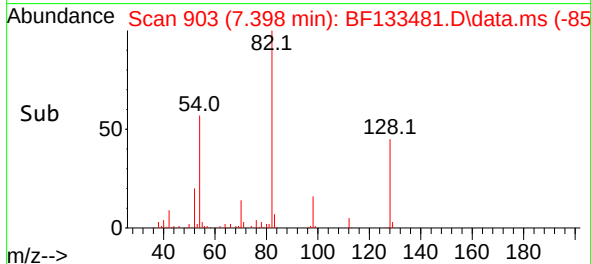
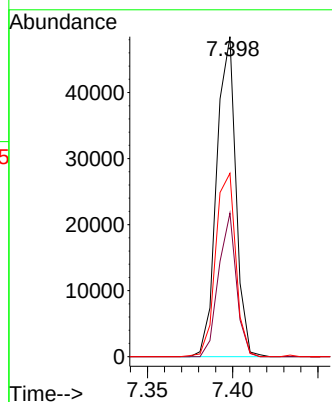
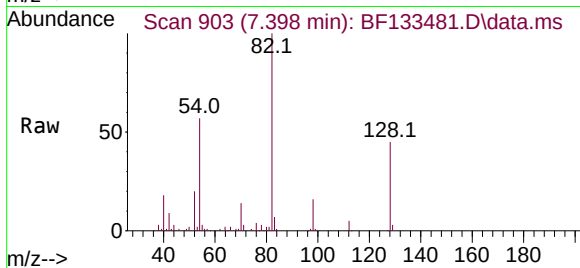
Tgt Ion: 82 Resp: 38030

Ion Ratio Lower Upper

82 100

128 44.9 33.0 49.6

54 57.3 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.001 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

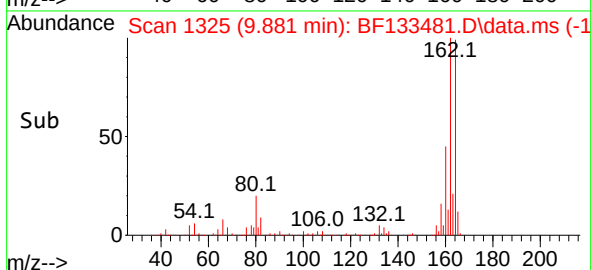
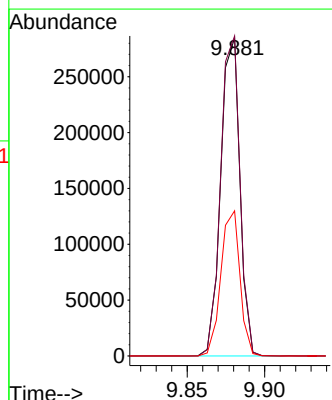
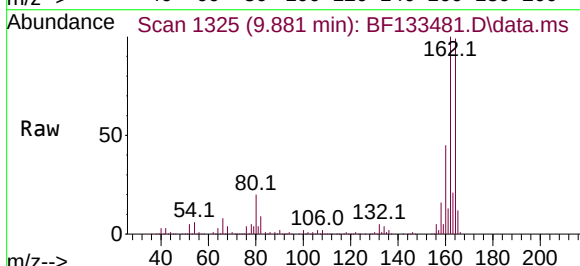
Tgt Ion: 164 Resp: 244621

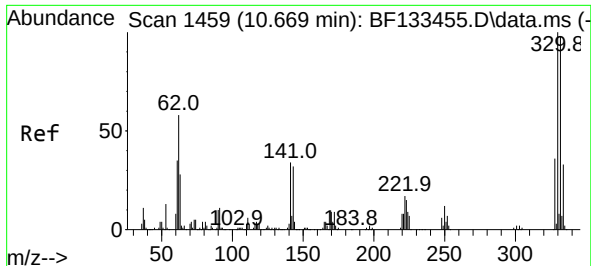
Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.6

160 45.6 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 6.702 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

Instrument :

BNA_F

ClientSampleId :

WC14

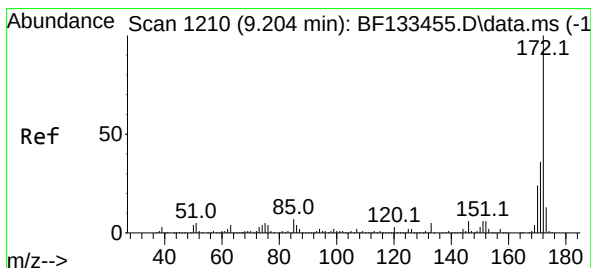
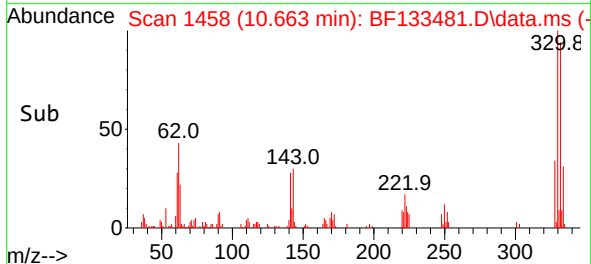
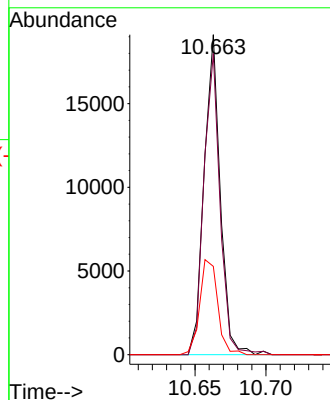
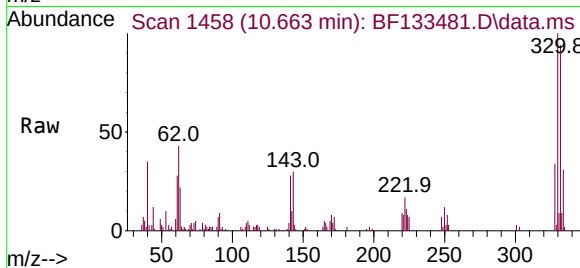
Tgt Ion:330 Resp: 15144

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

141 33.2 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 5.418 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

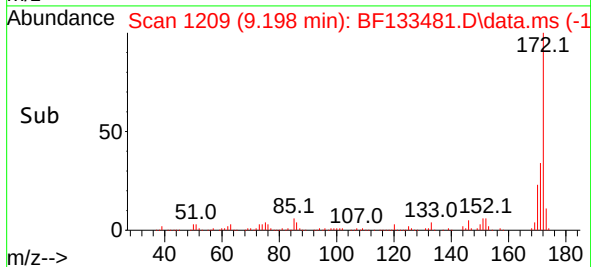
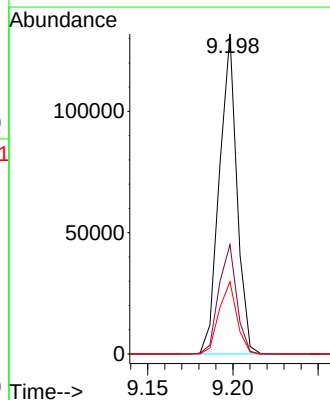
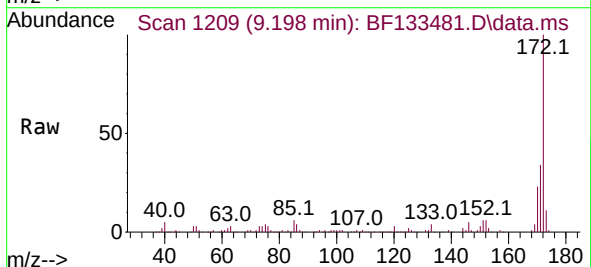
Tgt Ion:172 Resp: 94202

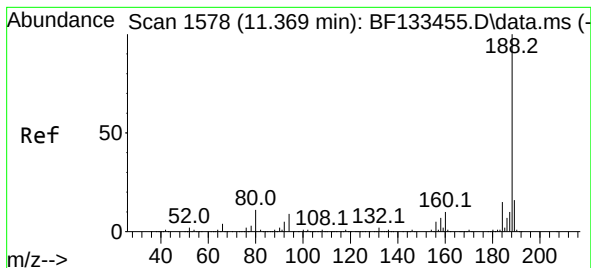
Ion Ratio Lower Upper

172 100

171 34.2 28.5 42.7

170 22.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

Instrument :

BNA_F

ClientSampleId :

WC14

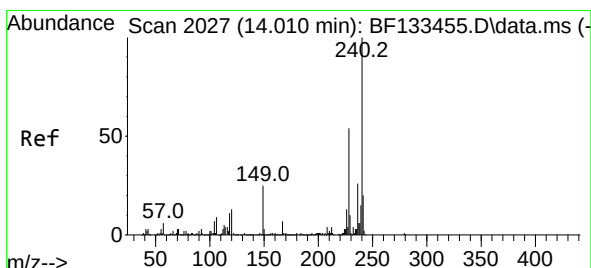
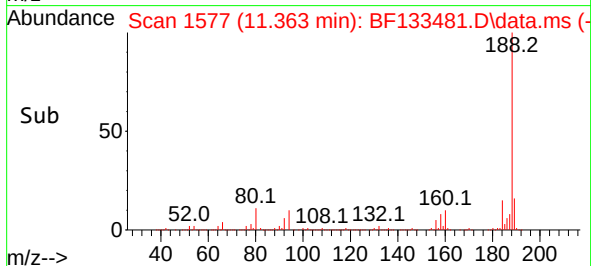
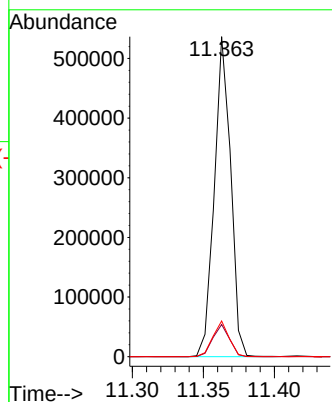
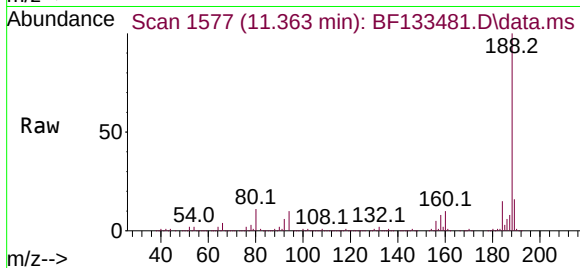
Tgt Ion:188 Resp: 429806

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 11.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

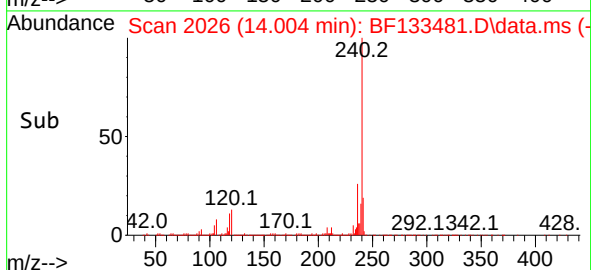
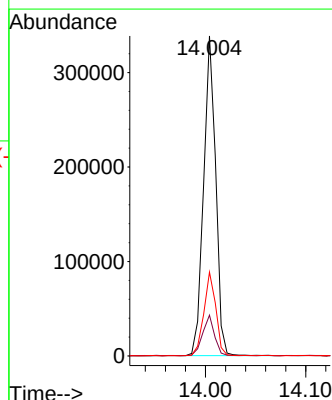
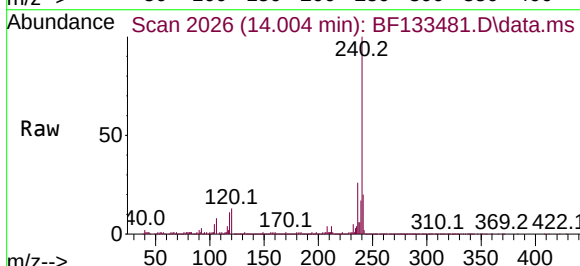
Tgt Ion:240 Resp: 284835

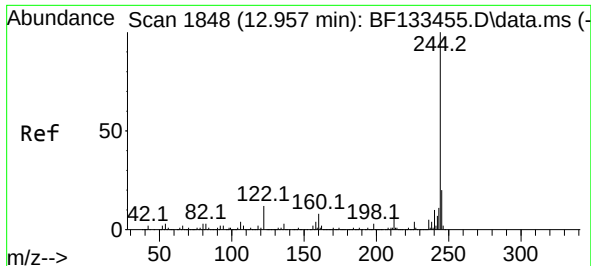
Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.4

236 26.2 20.9 31.3

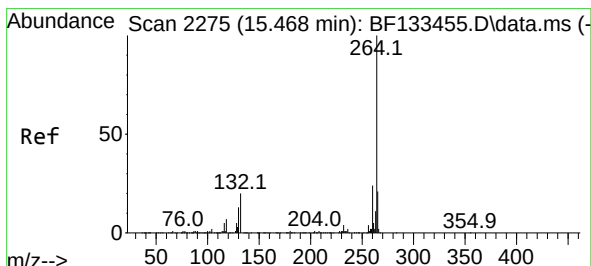
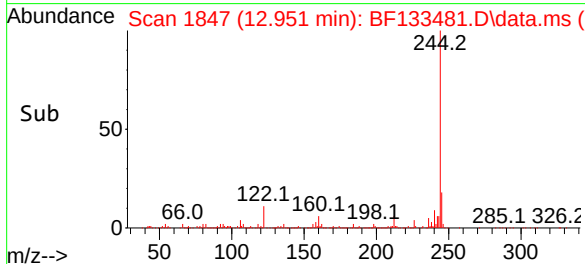
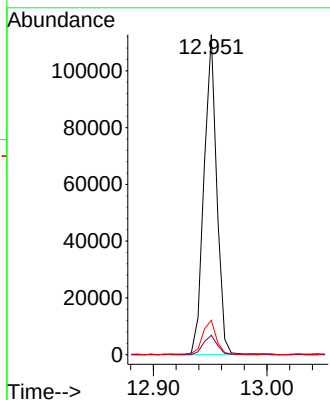
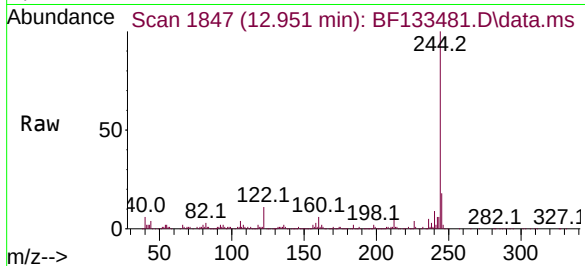




#79
 Terphenyl-d14
 Concen: 5.900 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133481.D
 Acq: 24 May 2023 20:43

Instrument :
 BNA_F
 ClientSampleId :
 WC14

Tgt Ion:244 Resp: 87896
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 10.8 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133481.D
 Acq: 24 May 2023 20:43

Tgt Ion:264 Resp: 205074
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.4 17.0 25.4

