

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133899.D
 Acq On : 22 Jun 2023 13:55
 Operator : CG\JU
 Sample : 03321-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Quant Time: Jun 23 02:28:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	97514	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	367878	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	174532	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	296350	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213598	20.000	ng	-0.01
86) Perylene-d12	15.557	264	186264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	446168	79.654	ng	0.00
7) Phenol-d6	6.492	99	539544	74.001	ng	0.00
23) Nitrobenzene-d5	7.416	82	365169	54.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	145548	65.881	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	646507	52.656	ng	0.00
79) Terphenyl-d14	12.986	244	531034	38.469	ng	0.00

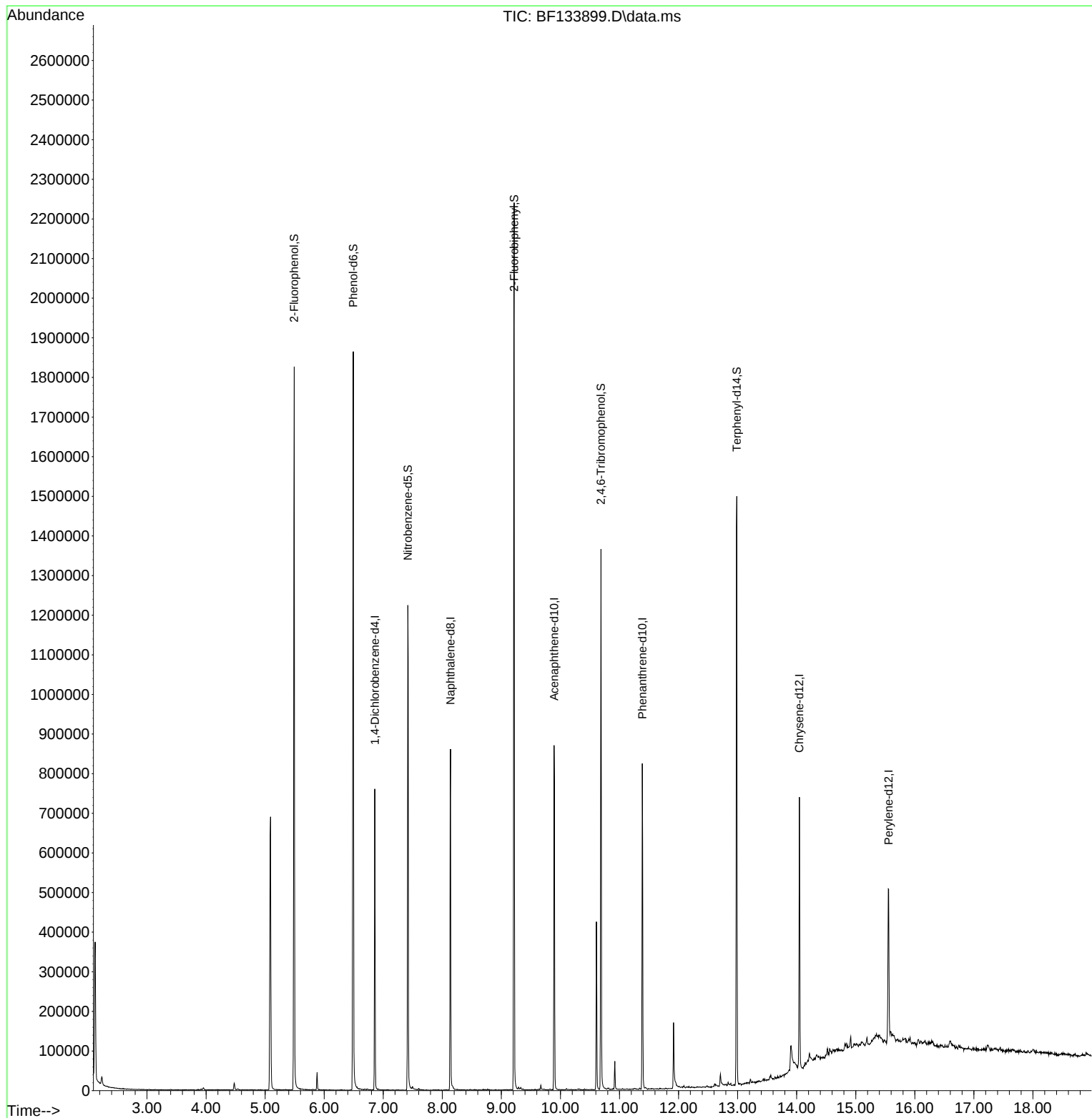
Target Compounds	Qvalue

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

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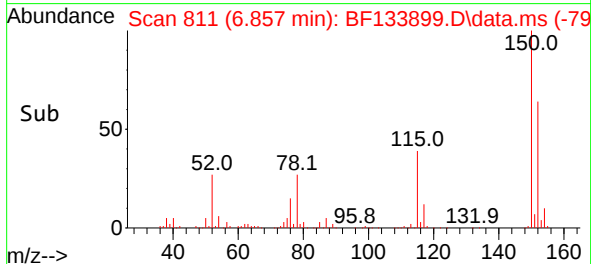
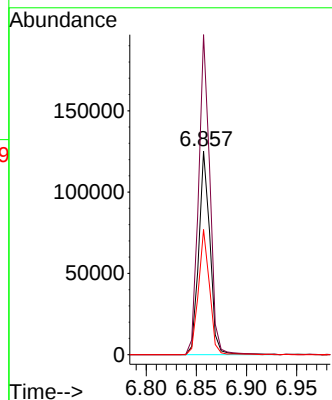
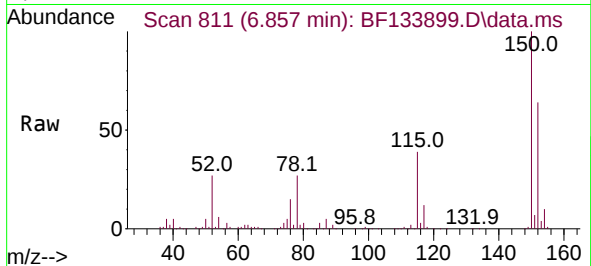




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

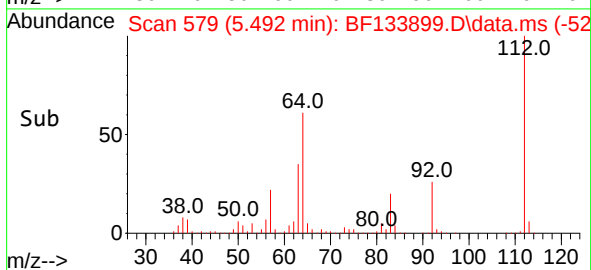
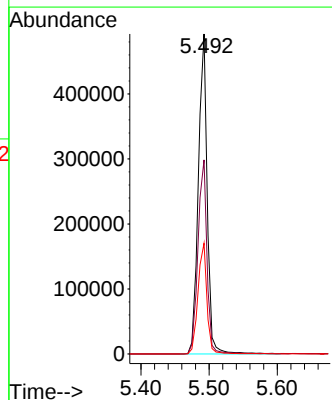
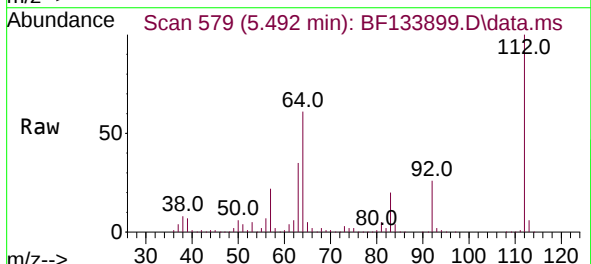
Instrument :
BNA_F
ClientSampleId :
WC-25

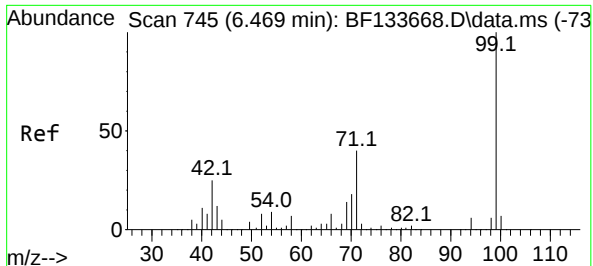
Tgt Ion:152 Resp: 97514
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 79.654 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:112 Resp: 446168
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.6 26.8 40.2

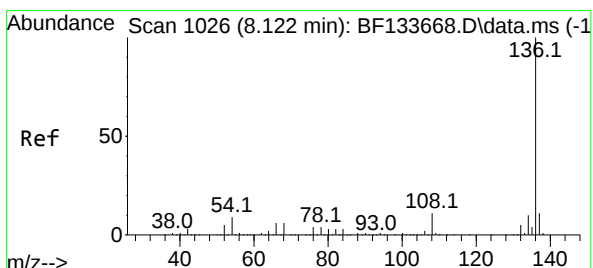
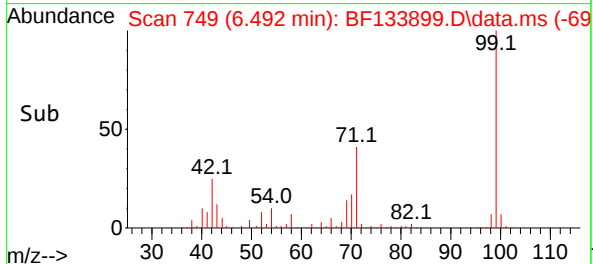
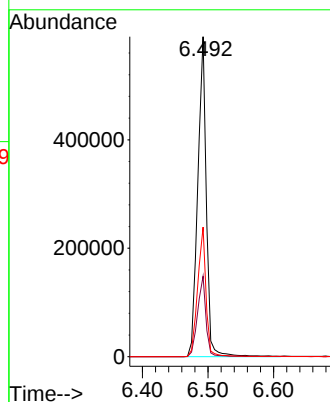
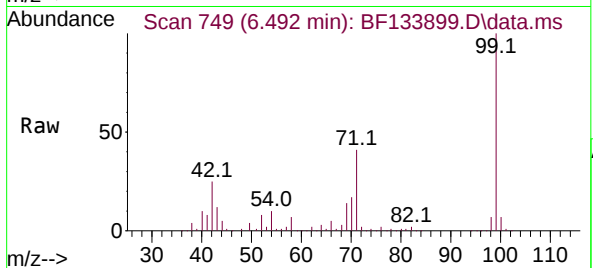




#7
Phenol-d6
Concen: 74.001 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

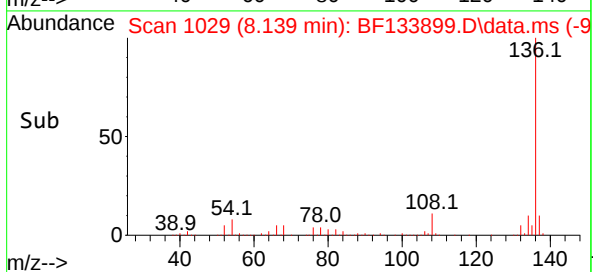
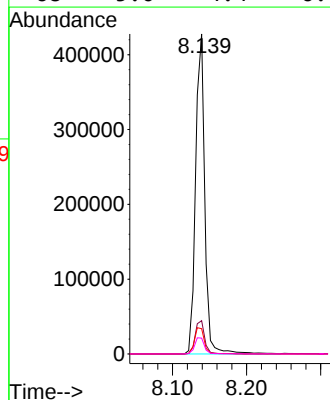
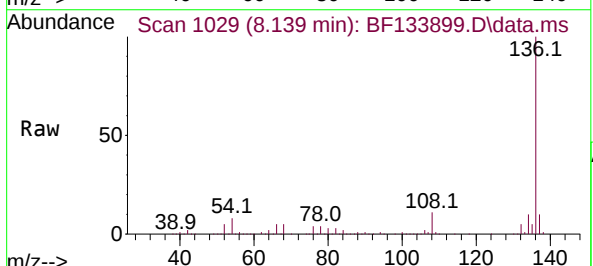
Instrument :
BNA_F
ClientSampleId :
WC-25

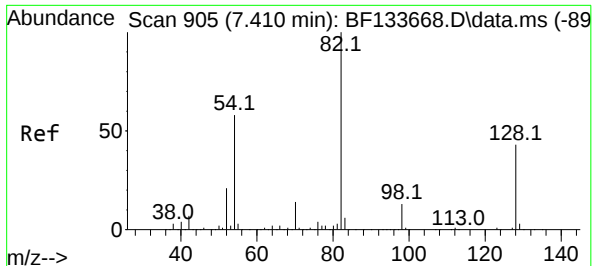
Tgt Ion: 99 Resp: 539544
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 40.5 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:136 Resp: 367878
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.9 7.4 11.0
68 5.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 54.066 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

Instrument :

BNA_F

ClientSampleId :

WC-25

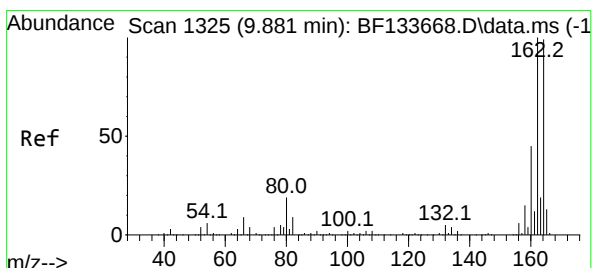
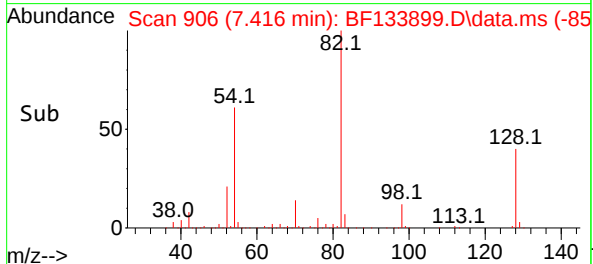
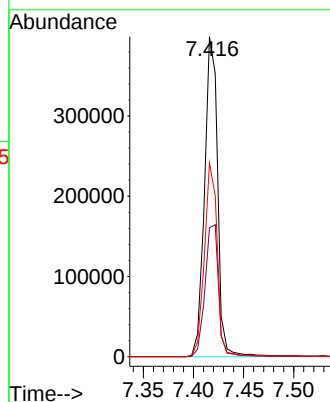
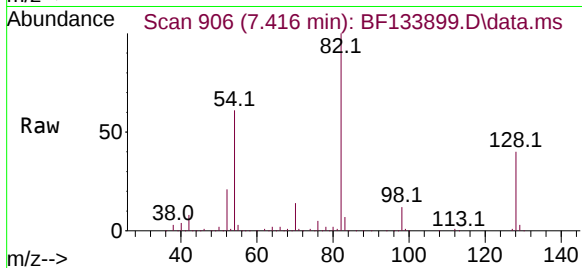
Tgt Ion: 82 Resp: 365169

Ion Ratio Lower Upper

82 100

128 40.3 34.2 51.2

54 60.5 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

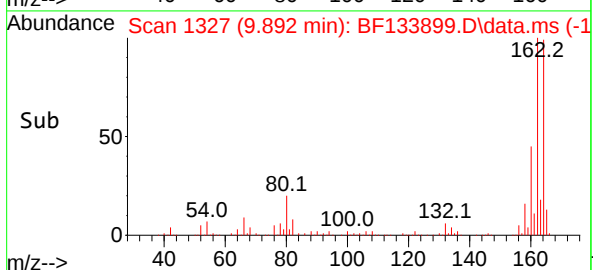
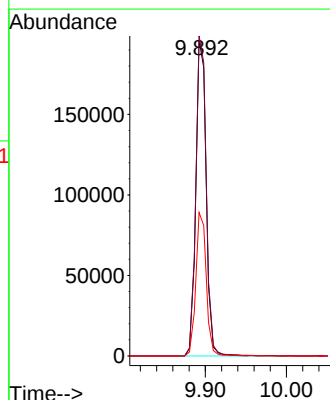
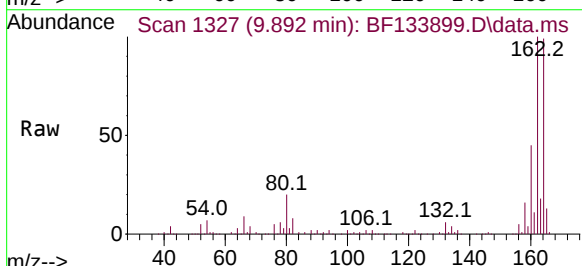
Tgt Ion:164 Resp: 174532

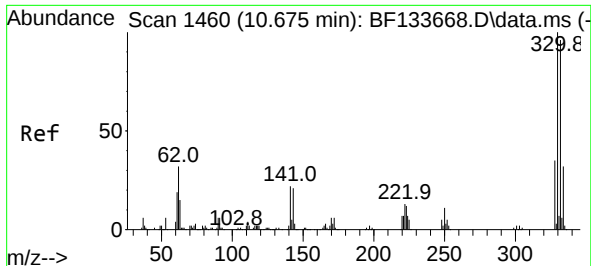
Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 65.881 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

Instrument :

BNA_F

ClientSampleId :

WC-25

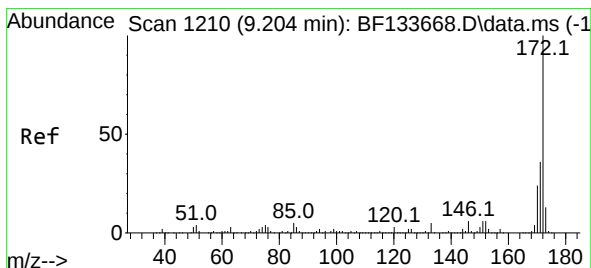
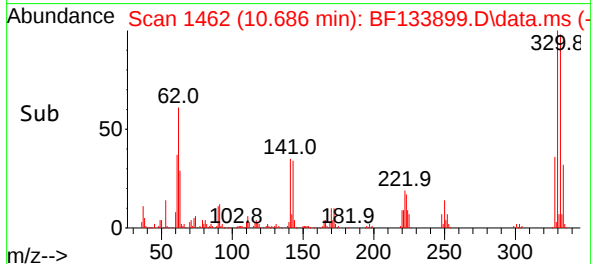
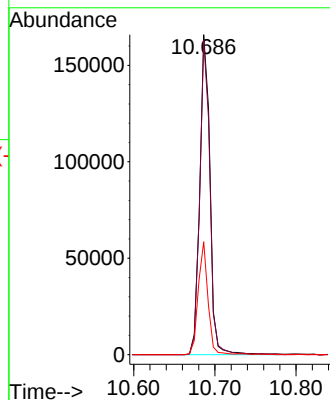
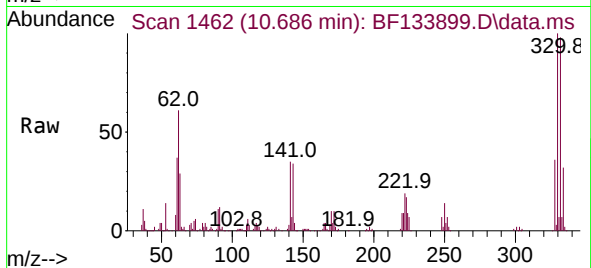
Tgt Ion:330 Resp: 145548

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 33.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 52.656 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133899.D

Acq: 22 Jun 2023 13:55

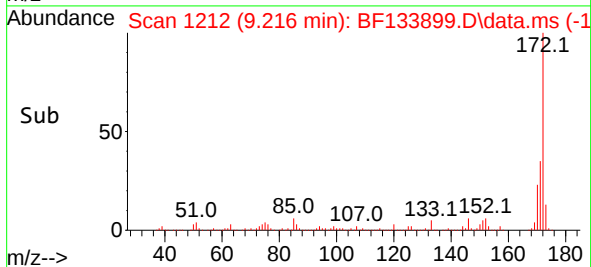
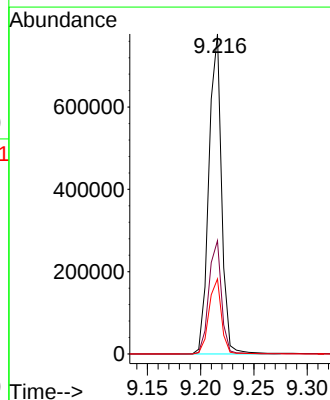
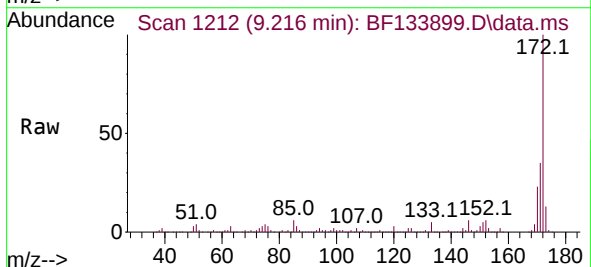
Tgt Ion:172 Resp: 646507

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7

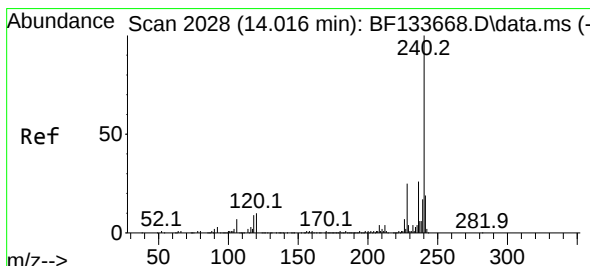
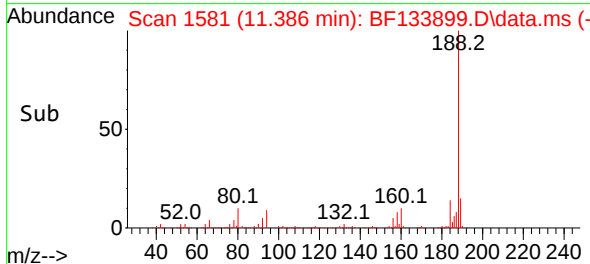
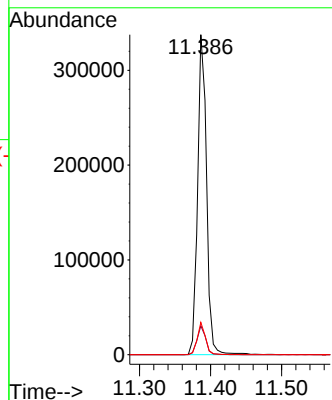
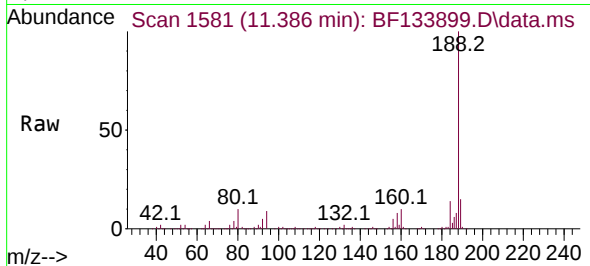




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

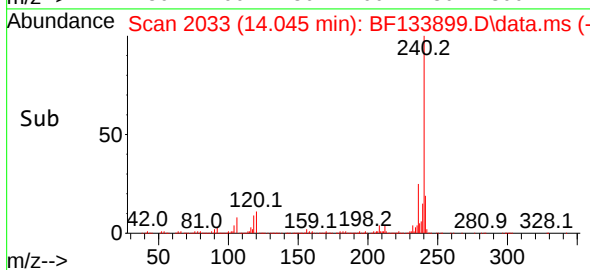
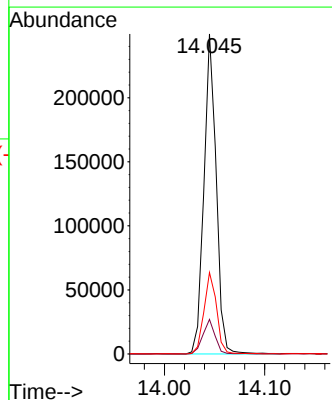
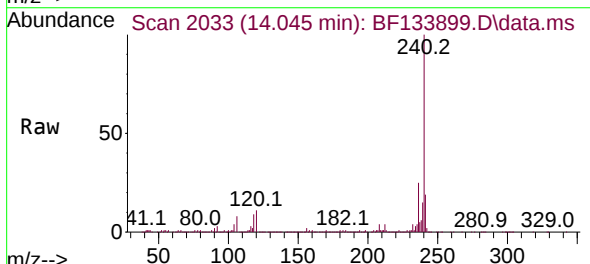
Instrument :
BNA_F
ClientSampleId :
WC-25

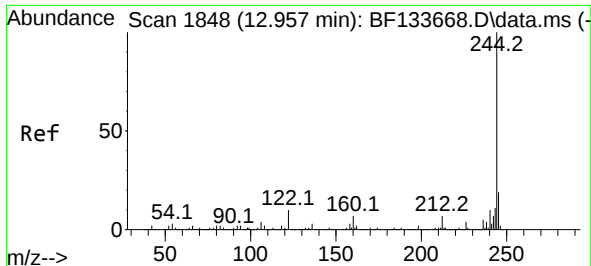
Tgt Ion:188 Resp: 296350
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133899.D
Acq: 22 Jun 2023 13:55

Tgt Ion:240 Resp: 213598
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.4 20.5 30.7

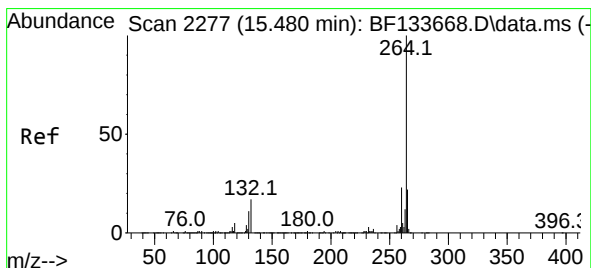
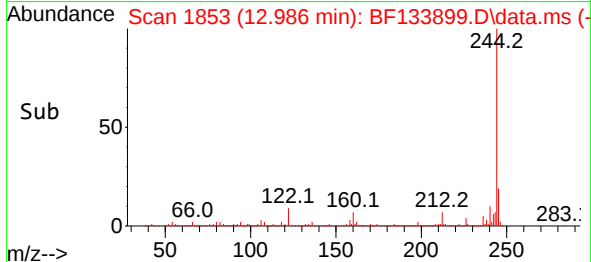
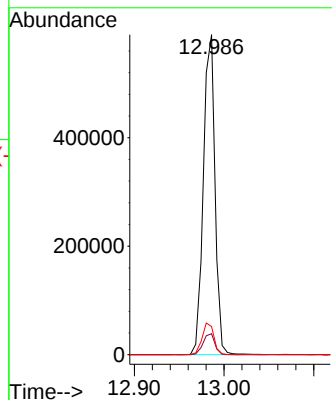
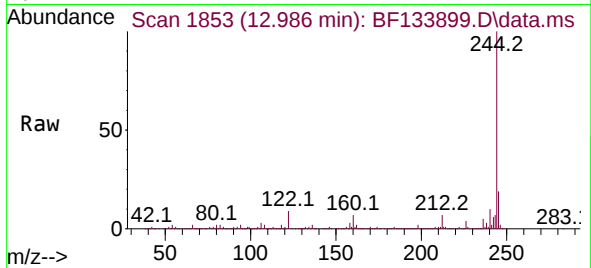




#79
 Terphenyl-d14
 Concen: 38.469 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133899.D
 Acq: 22 Jun 2023 13:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Tgt Ion:244 Resp: 531034
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 8.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133899.D
 Acq: 22 Jun 2023 13:55

Tgt Ion:264 Resp: 186264
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.5 17.8 26.6

