

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133916.D
 Acq On : 22 Jun 2023 23:20
 Operator : CG\JU
 Sample : 03321-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Quant Time: Jun 23 05:05:37 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	108712	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	415659	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	216010	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	448517	20.000	ng	0.00
76) Chrysene-d12	14.045	240	341394	20.000	ng	-0.01
86) Perylene-d12	15.557	264	259679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	839196	134.388	ng	0.02
7) Phenol-d6	6.498	99	994893	122.398	ng	0.00
23) Nitrobenzene-d5	7.422	82	759506	99.523	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	413073	151.071	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1383337	91.034	ng	0.00
79) Terphenyl-d14	12.992	244	1930782	87.511	ng	0.00

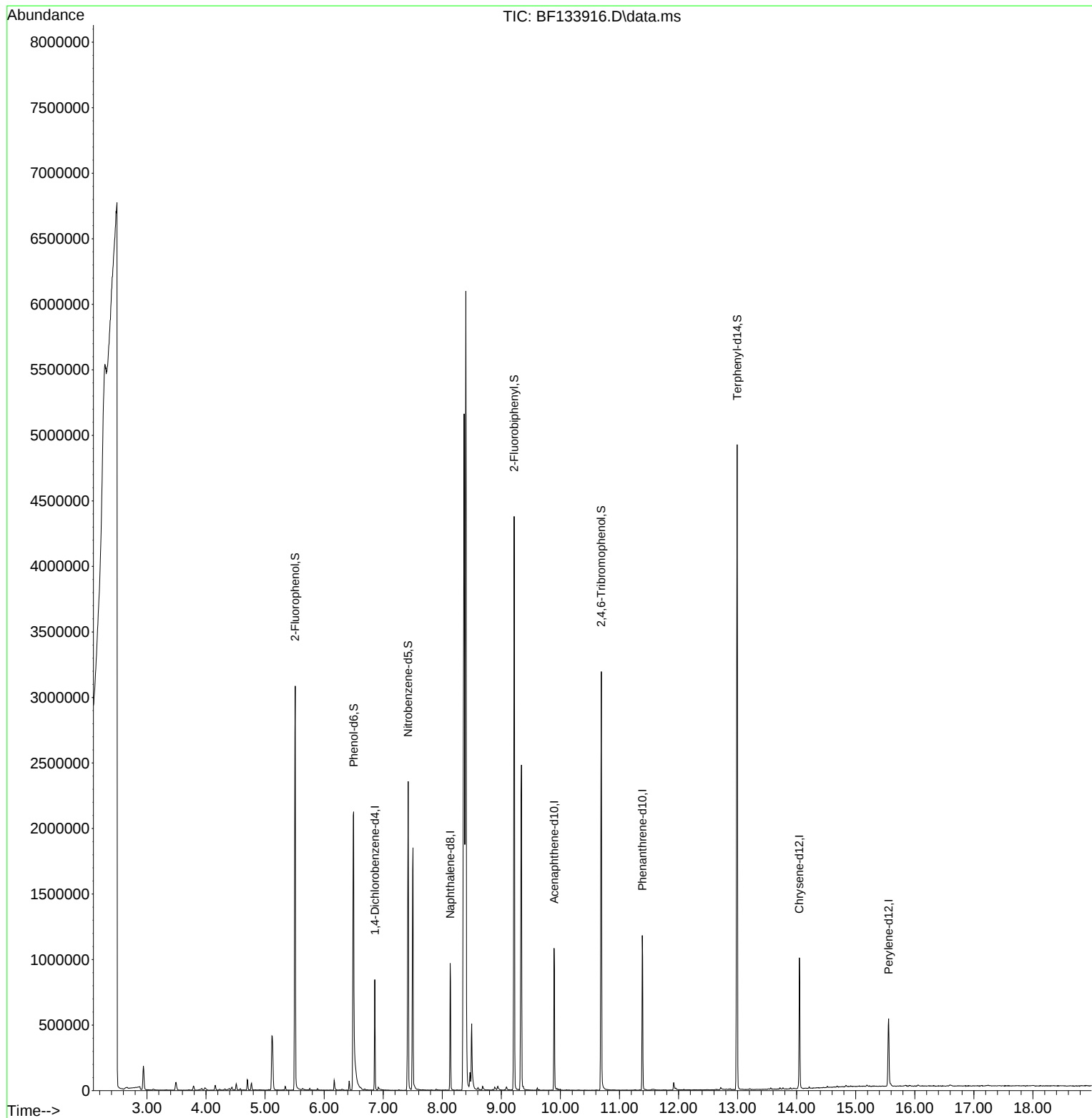
Target Compounds	Qvalue

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

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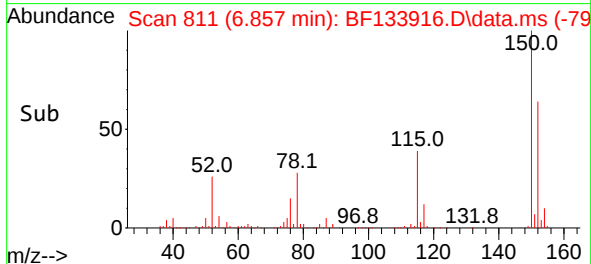
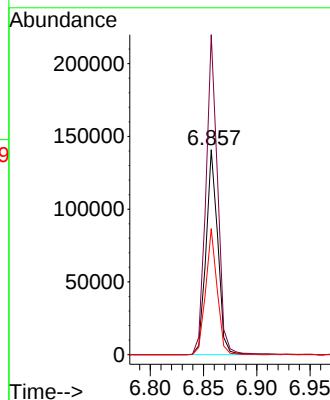
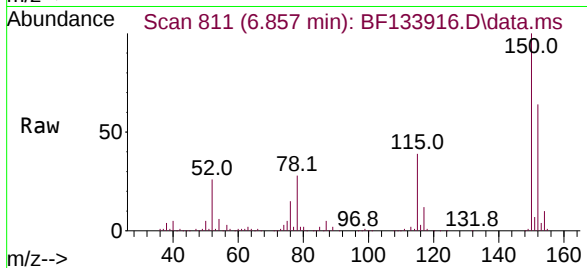




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

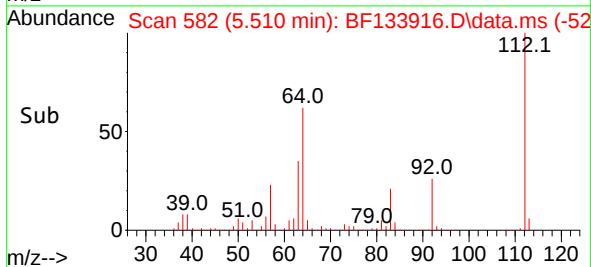
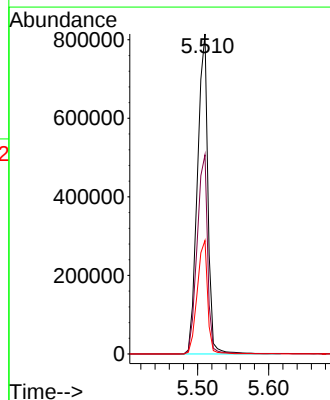
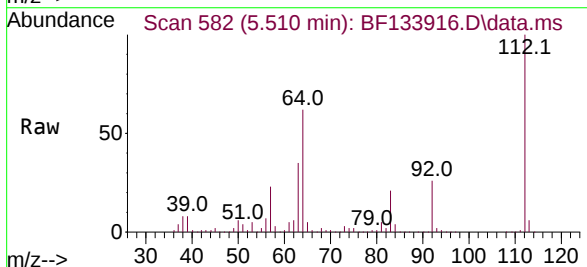
Instrument :
BNA_F
ClientSampleId :
WC-25

Tgt Ion:152 Resp: 108712
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 134.388 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:112 Resp: 839196
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.4
63 35.5 26.8 40.2

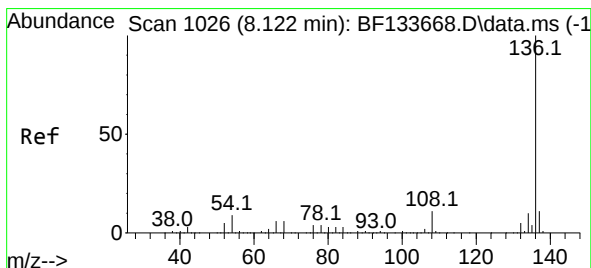
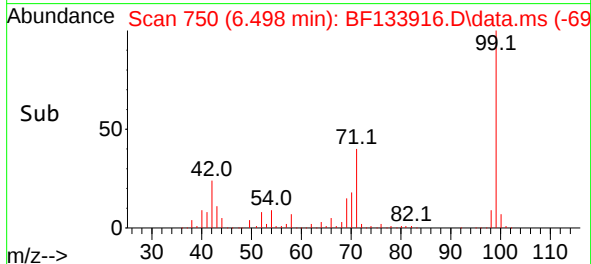
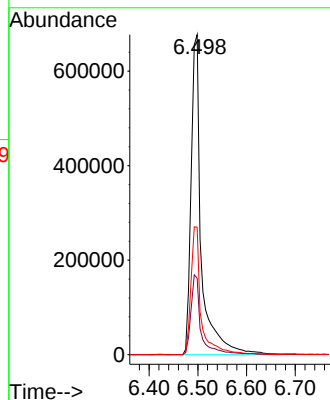
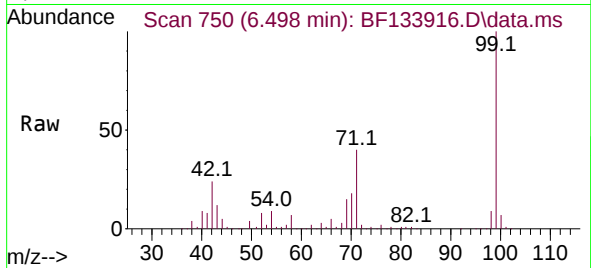




#7
Phenol-d6
Concen: 122.398 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

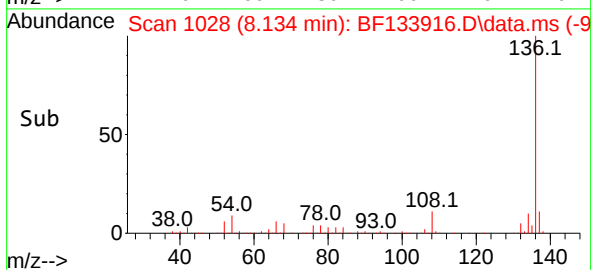
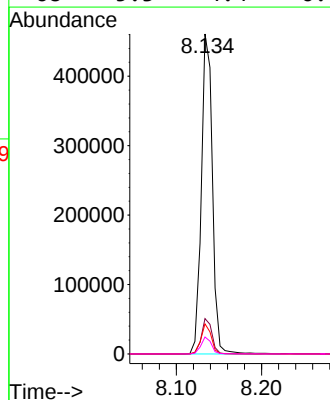
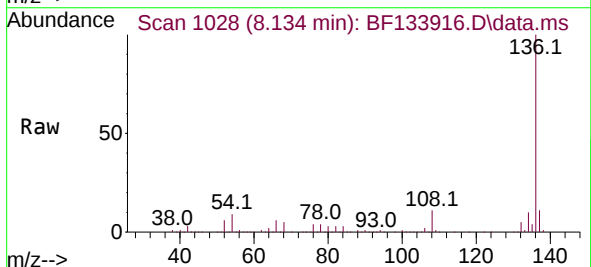
Instrument :
BNA_F
ClientSampleId :
WC-25

Tgt Ion: 99 Resp: 994893
Ion Ratio Lower Upper
99 100
42 23.9 19.9 29.9
71 39.8 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:136 Resp: 415659
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 99.523 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133916.D

Acq: 22 Jun 2023 23:20

Instrument :

BNA_F

ClientSampleId :

WC-25

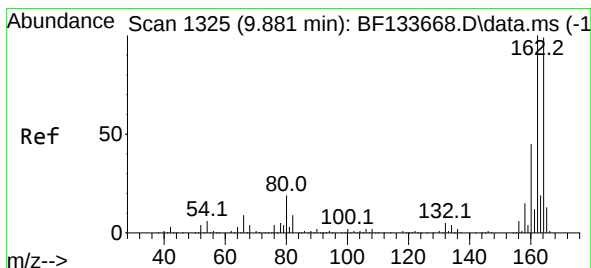
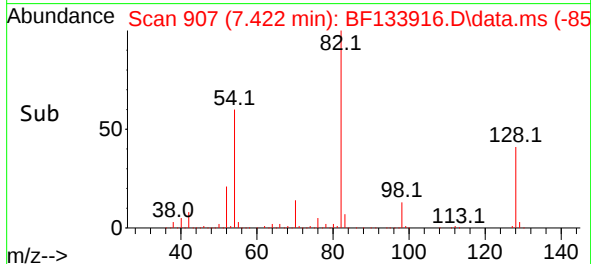
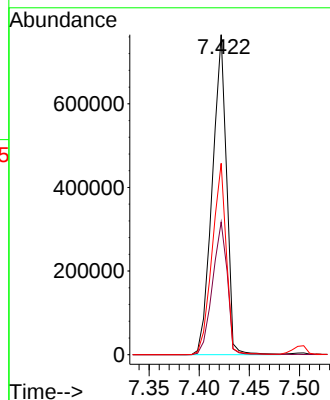
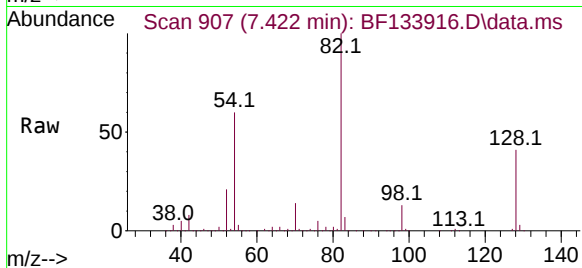
Tgt Ion: 82 Resp: 759506

Ion Ratio Lower Upper

82 100

128 41.5 34.2 51.2

54 59.8 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: BF133916.D

Acq: 22 Jun 2023 23:20

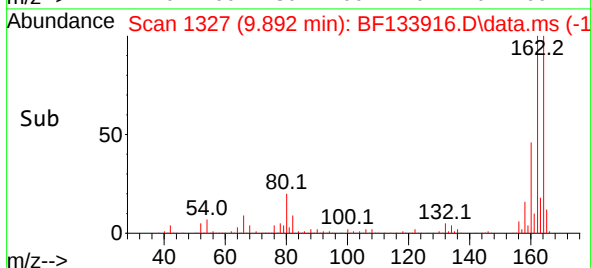
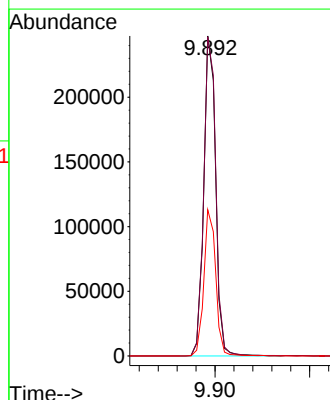
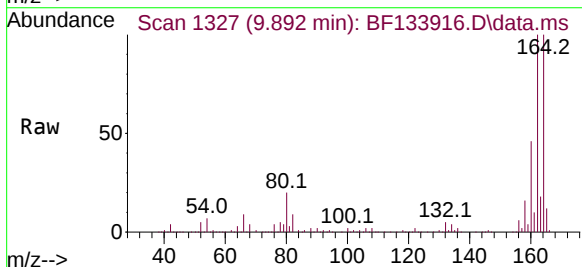
Tgt Ion: 164 Resp: 216010

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

160 45.7 36.7 55.1

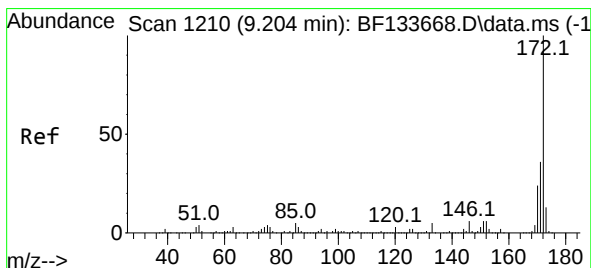
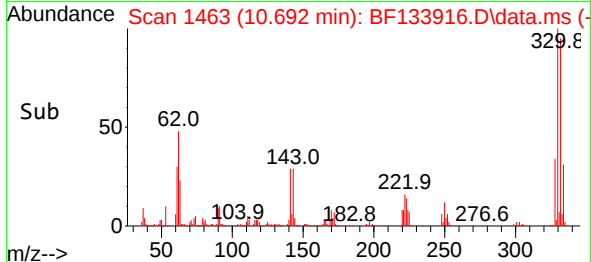
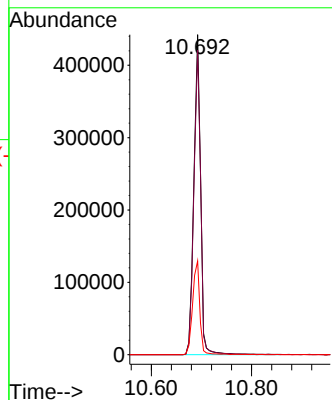
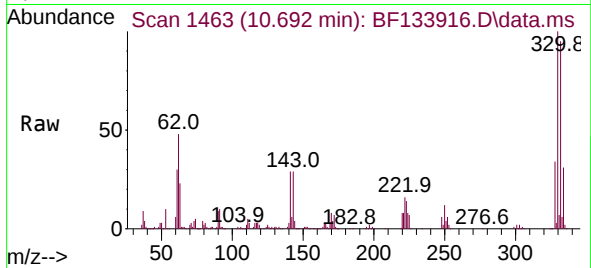




#42
2,4,6-Tribromophenol
Concen: 151.071 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

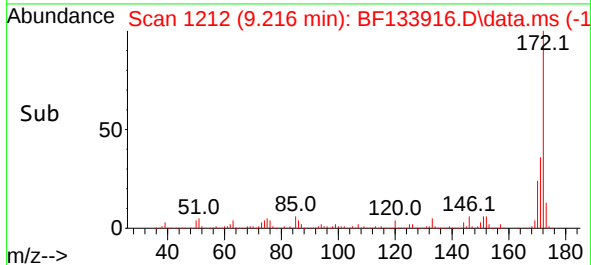
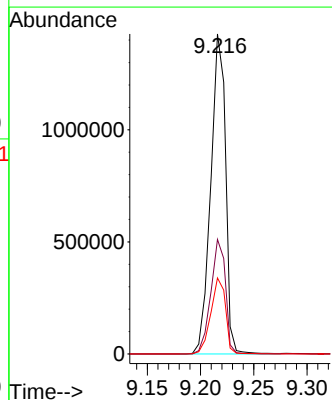
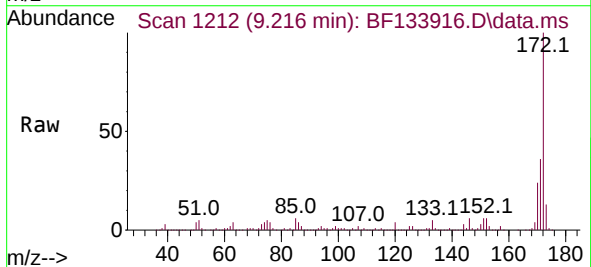
Instrument :
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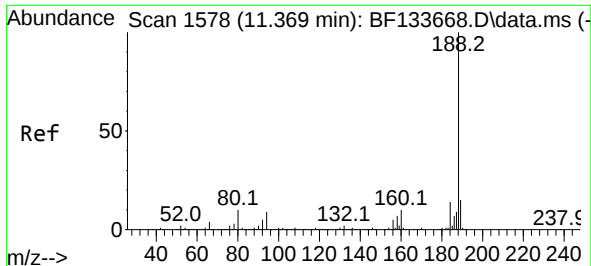
Tgt Ion: 330 Resp: 413073
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 31.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 91.034 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion: 172 Resp: 1383337
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.1 28.7

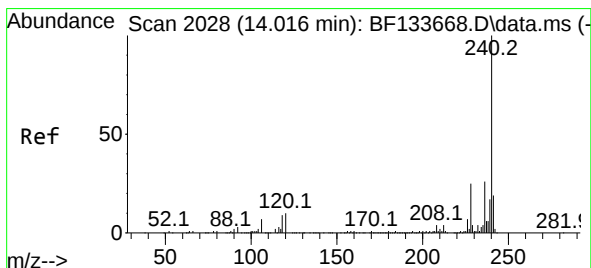
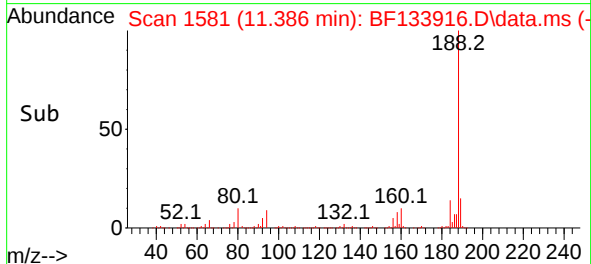
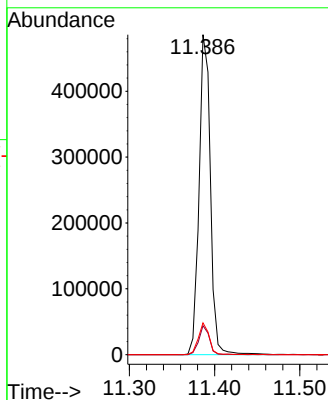
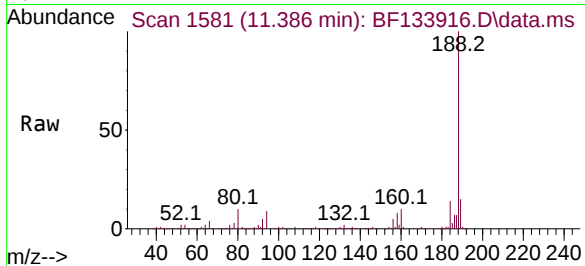




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

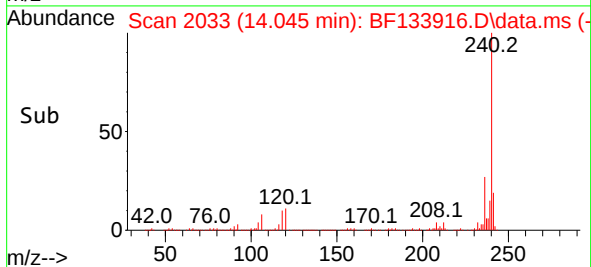
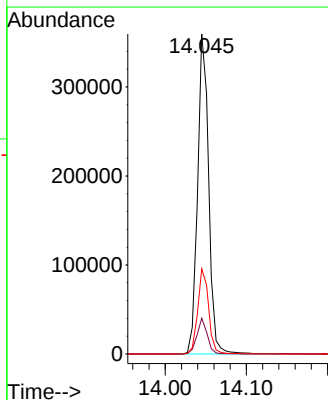
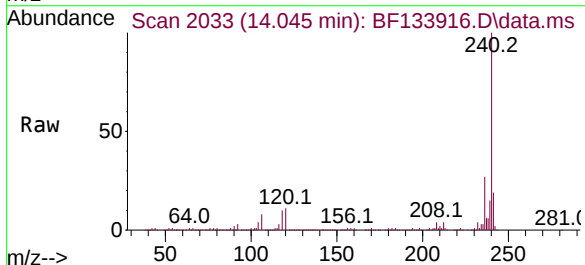
Instrument :
BNA_F
ClientSampleId :
WC-25

Tgt Ion:188 Resp: 448517
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.0 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: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:240 Resp: 341394
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.6 20.5 30.7

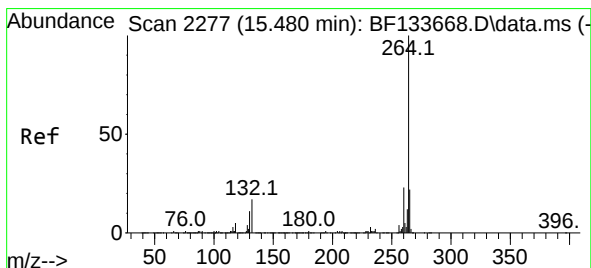
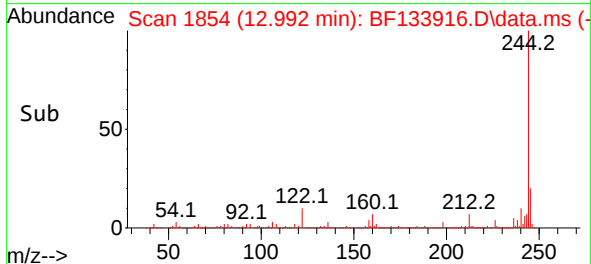
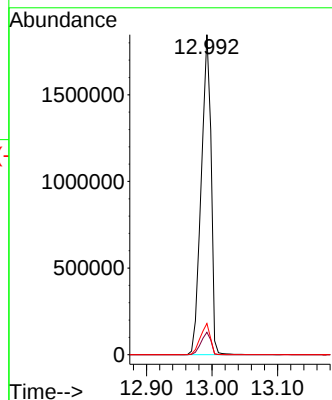
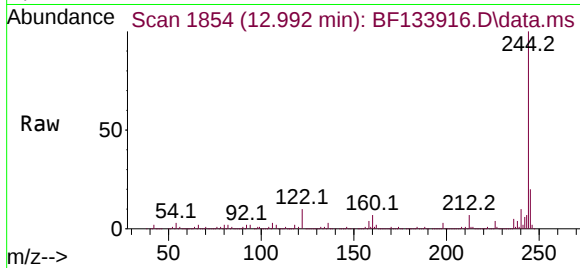




#79
 Terphenyl-d14
 Concen: 87.511 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133916.D
 Acq: 22 Jun 2023 23:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Tgt Ion:244 Resp: 1930782
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.7 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: BF133916.D
 Acq: 22 Jun 2023 23:20

Tgt Ion:264 Resp: 259679
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.2
 265 20.9 17.8 26.6

