

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133917.D
 Acq On : 22 Jun 2023 23:52
 Operator : CG\JU
 Sample : 03321-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-24

Quant Time: Jun 23 05:05:50 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	107415	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	422295	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	217676	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	448840	20.000	ng	0.00
76) Chrysene-d12	14.045	240	347296	20.000	ng	-0.01
86) Perylene-d12	15.551	264	300654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	866041	140.361	ng	0.02
7) Phenol-d6	6.498	99	978036	121.777	ng	0.00
23) Nitrobenzene-d5	7.422	82	783914	101.108	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	409862	148.749	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1440288	94.057	ng	0.00
79) Terphenyl-d14	12.992	244	1800002	80.197	ng	0.00

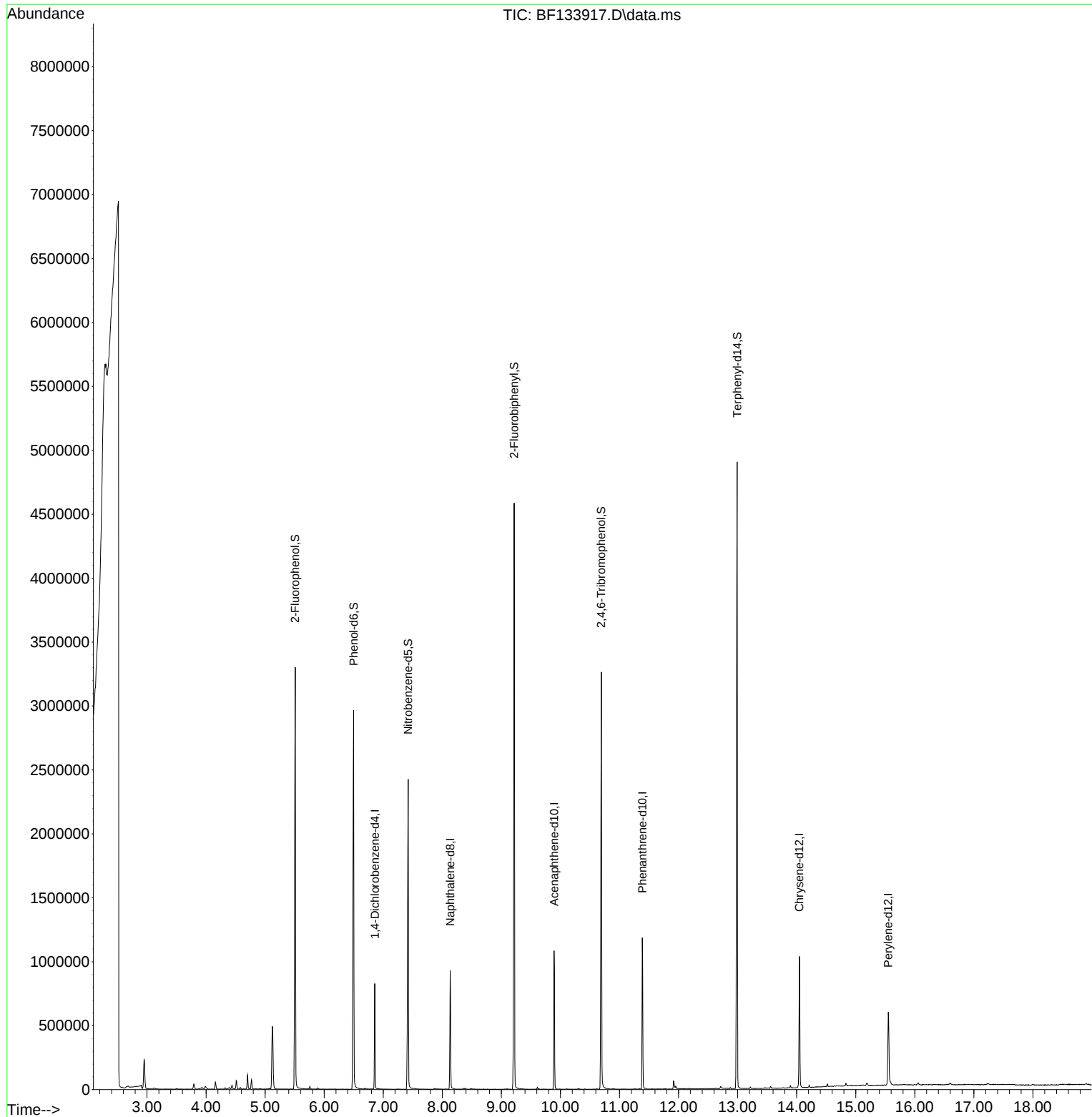
Target Compounds	Qvalue

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

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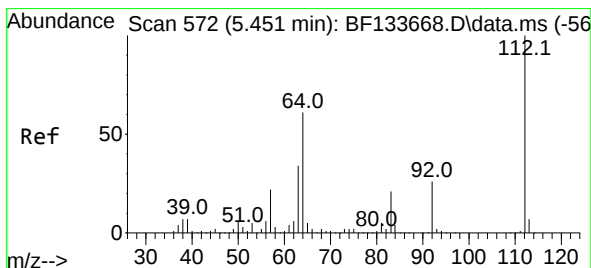
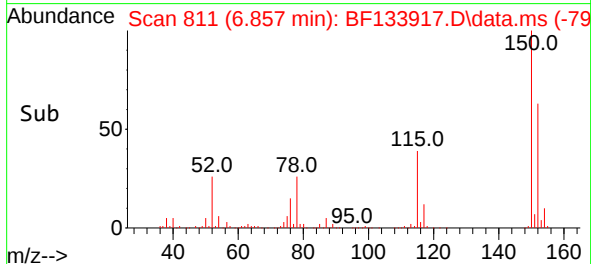
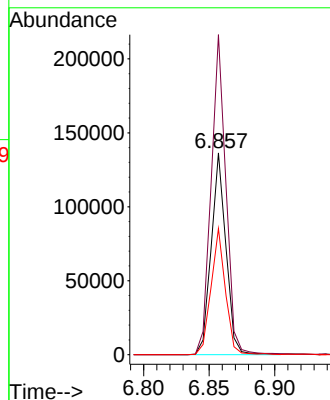
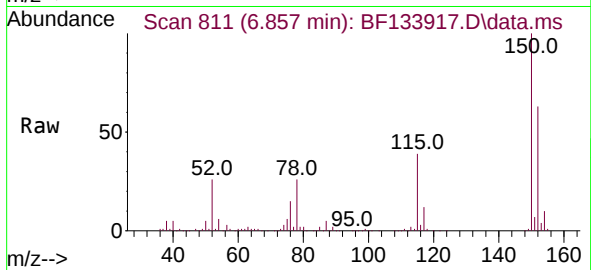




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

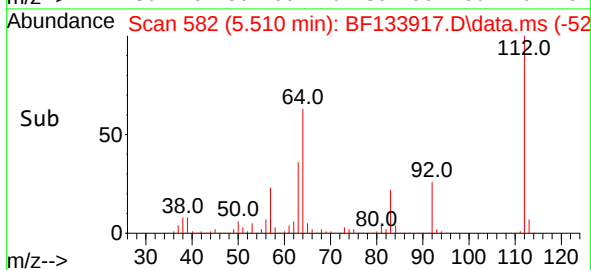
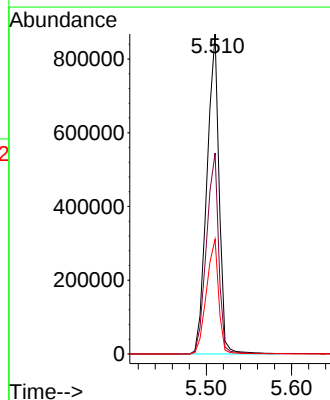
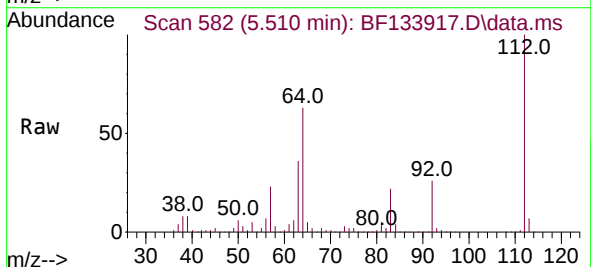
Instrument :
BNA_F
ClientSampleId :
WC-24

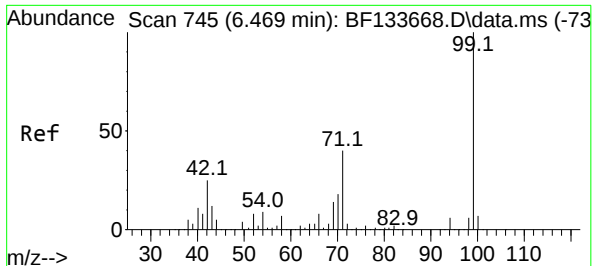
Tgt Ion:152 Resp: 107415
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 140.361 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion:112 Resp: 866041
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.4
63 35.9 26.8 40.2

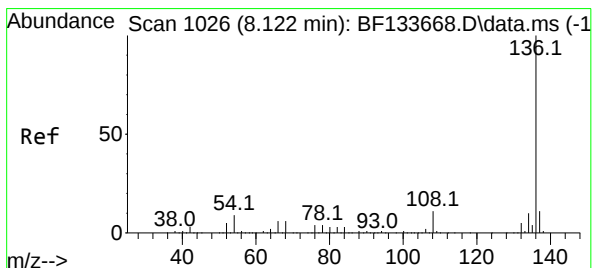
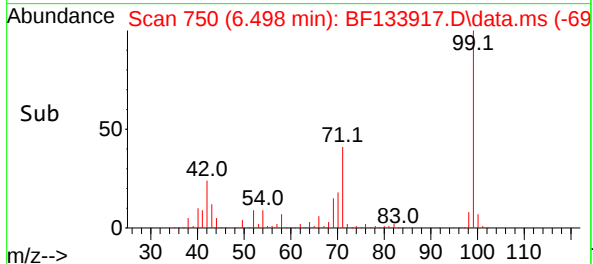
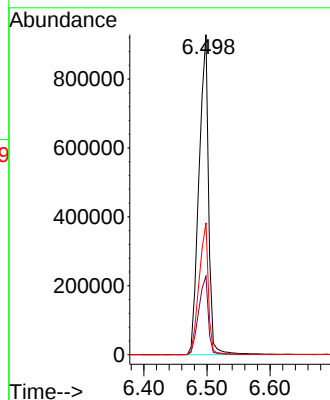
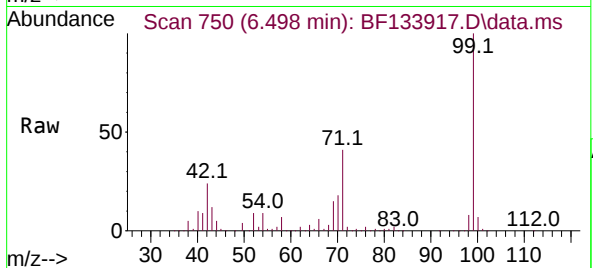




#7
Phenol-d6
Concen: 121.777 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

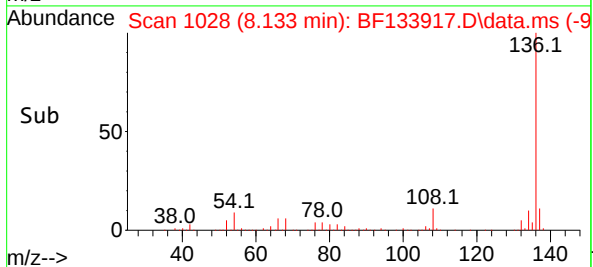
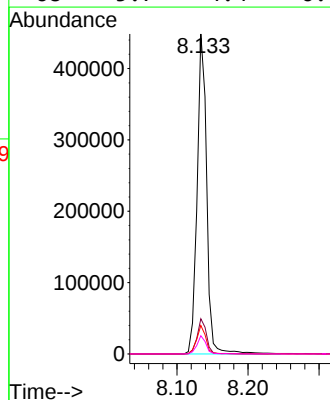
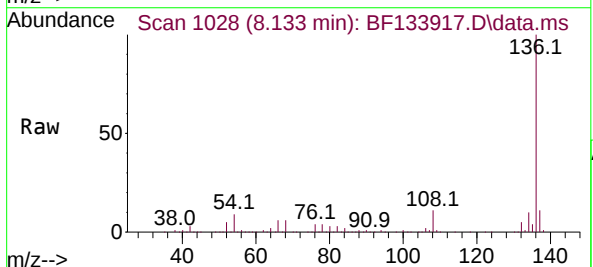
Instrument :
BNA_F
ClientSampleId :
WC-24

Tgt Ion: 99 Resp: 978036
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 41.2 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion:136 Resp: 422295
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 7.4 11.0
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 101.108 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

Instrument :

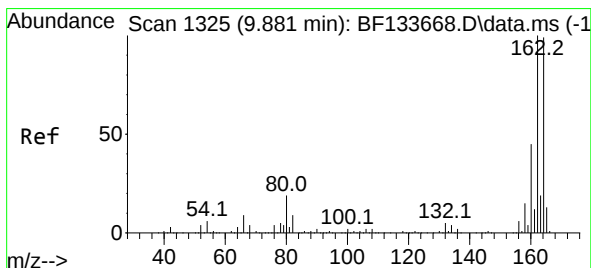
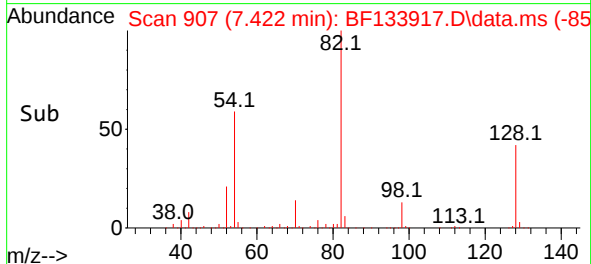
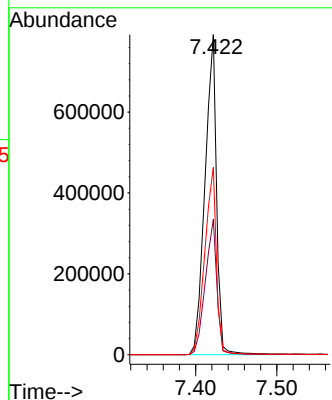
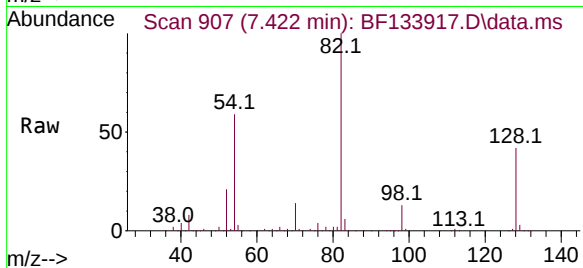
BNA_F

ClientSampleId :

WC-24

Tgt Ion: 82 Resp: 783914

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	58.5	46.5	69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

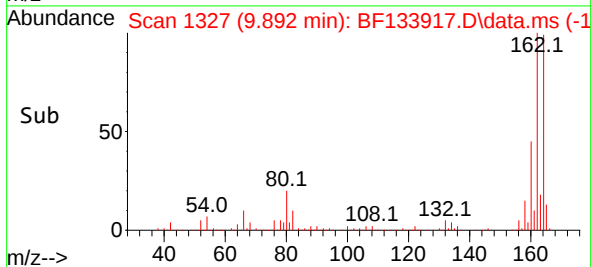
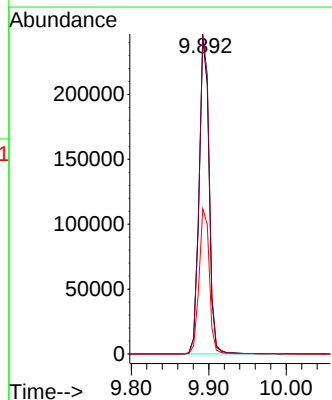
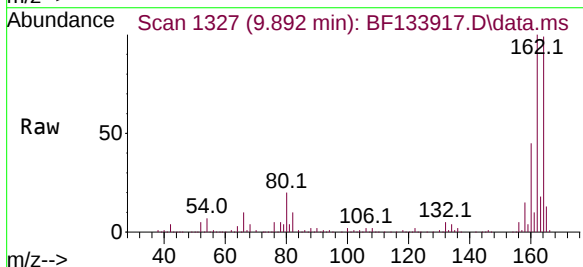
Delta R.T. -0.006 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

Tgt Ion:164 Resp: 217676

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	45.9	36.7	55.1

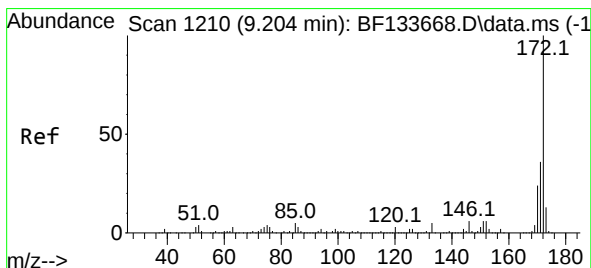
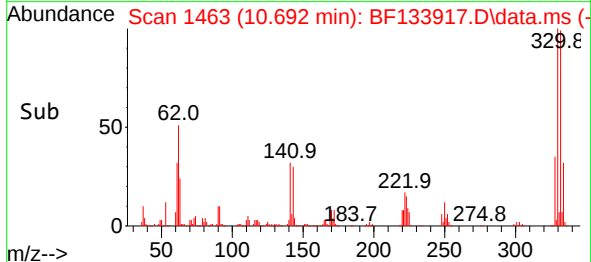
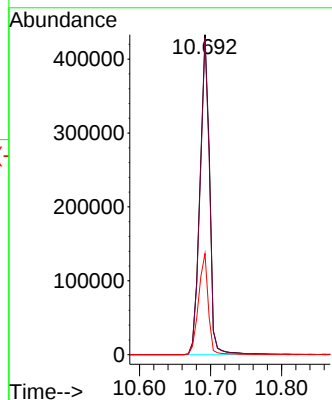
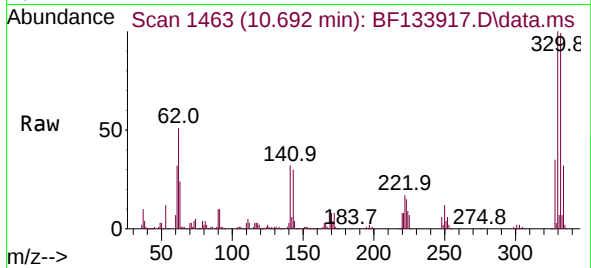




#42
2,4,6-Tribromophenol
Concen: 148.749 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

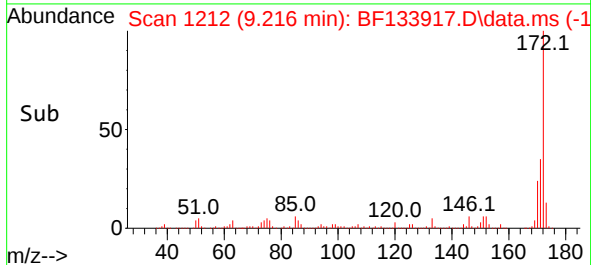
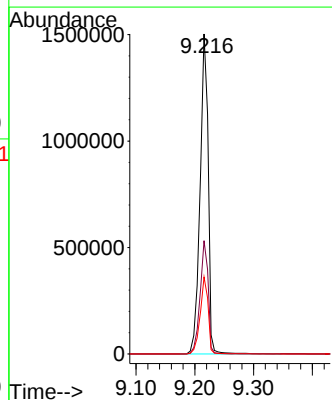
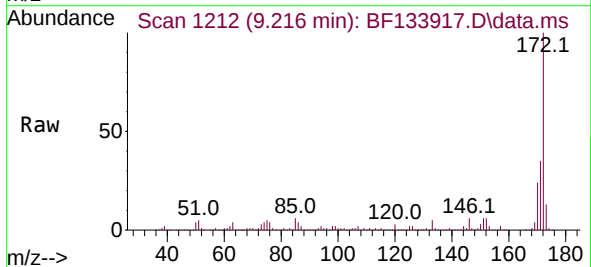
Instrument :
BNA_F
ClientSampleId :
WC-24

Tgt Ion:330 Resp: 409862
Ion Ratio Lower Upper
330 100
332 98.0 77.2 115.8
141 32.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 94.057 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion:172 Resp: 1440288
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 19.1 28.7

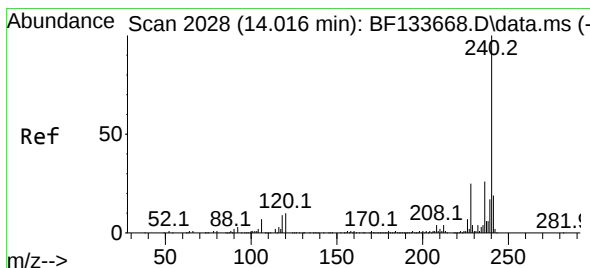
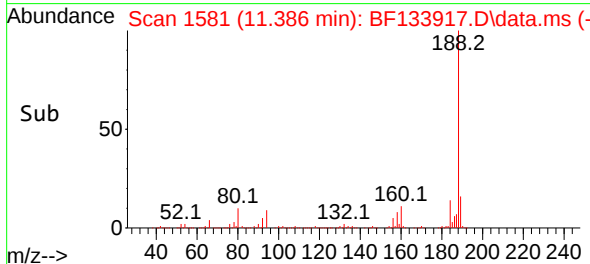
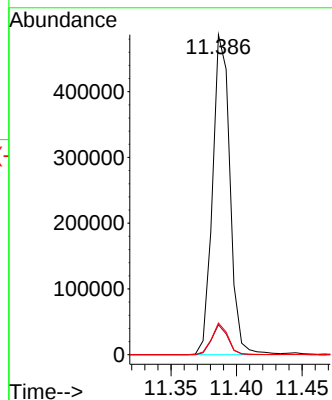
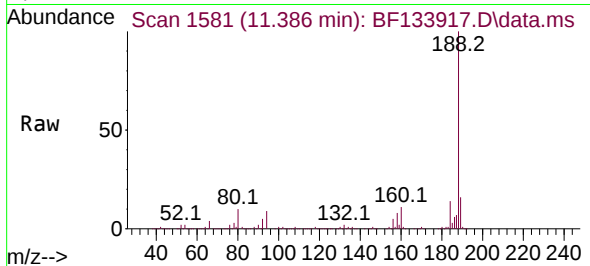




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

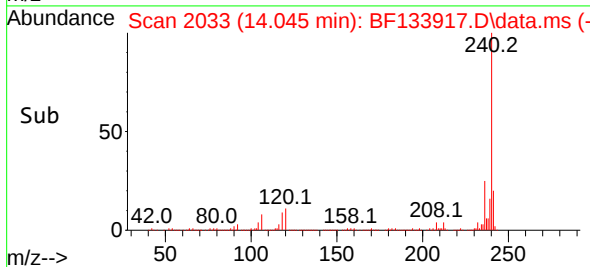
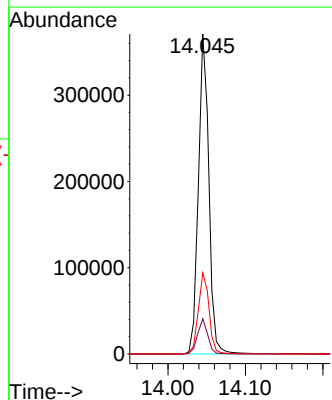
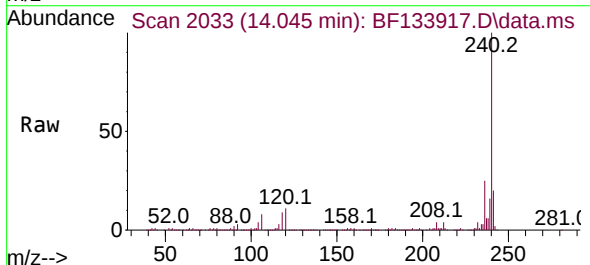
Instrument :
BNA_F
ClientSampleId :
WC-24

Tgt Ion:188 Resp: 448840
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 9.9 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: BF133917.D
Acq: 22 Jun 2023 23:52

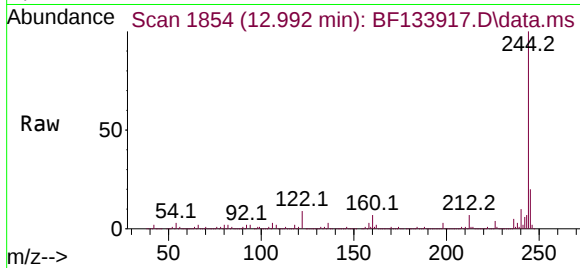
Tgt Ion:240 Resp: 347296
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 25.3 20.5 30.7



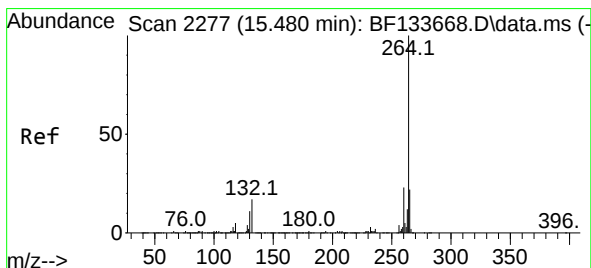
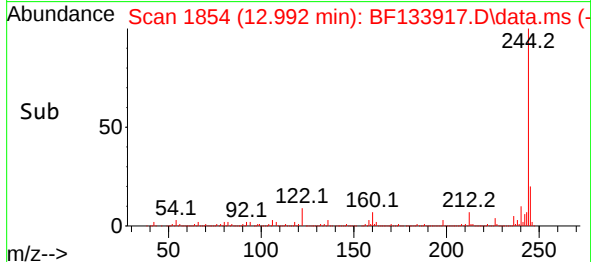
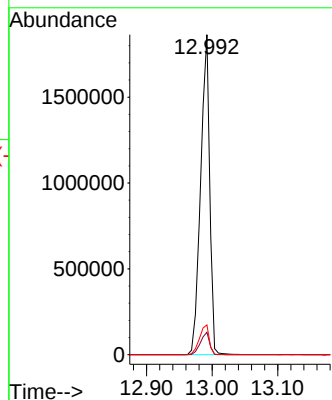


#79
 Terphenyl-d14
 Concen: 80.197 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133917.D
 Acq: 22 Jun 2023 23:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-24



Tgt Ion:244 Resp: 1800002
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.012 min
 Lab File: BF133917.D
 Acq: 22 Jun 2023 23:52

Tgt Ion:264 Resp: 300654
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 20.2 17.8 26.6

