

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133912.D
 Acq On : 22 Jun 2023 21:10
 Operator : CG\JU
 Sample : 03320-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Jun 23 05:04:46 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	102221	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	396273	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	204083	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	423270	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336761	20.000	ng	-0.01
86) Perylene-d12	15.557	264	264093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	790750	134.671	ng	0.02
7) Phenol-d6	6.498	99	948731	124.130	ng	0.00
23) Nitrobenzene-d5	7.422	82	708626	97.399	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	386478	149.605	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1296795	90.327	ng	0.00
79) Terphenyl-d14	12.992	244	1809922	83.162	ng	0.00

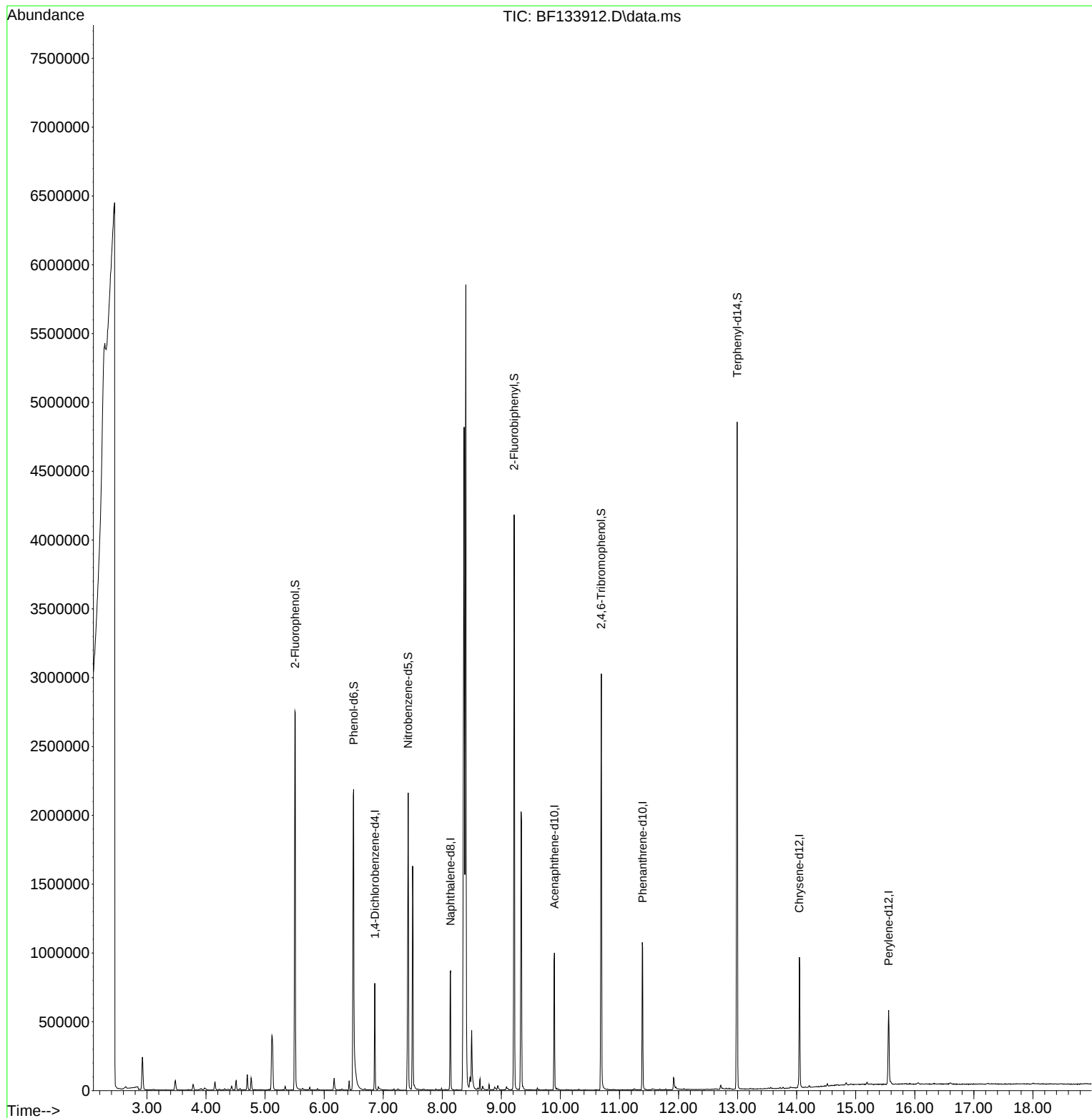
Target Compounds	Qvalue

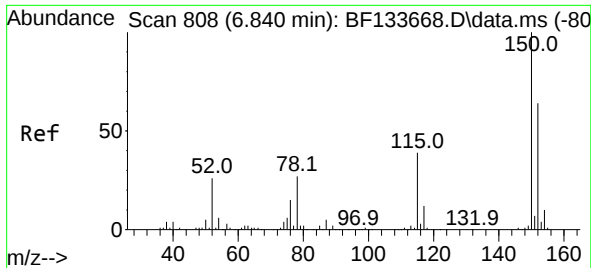
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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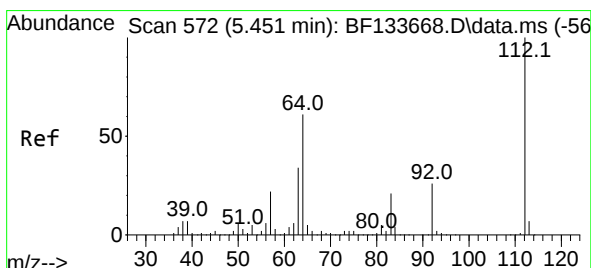
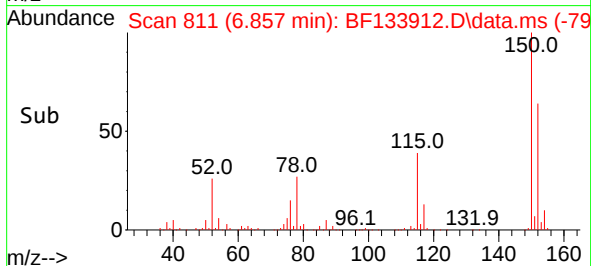
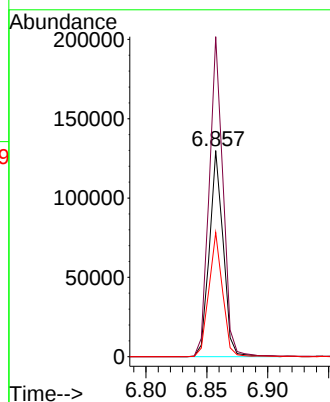
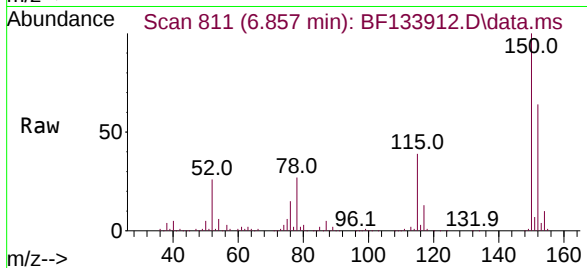




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

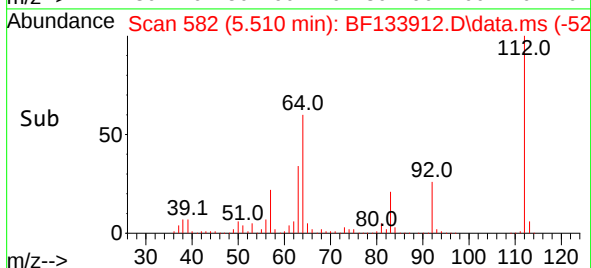
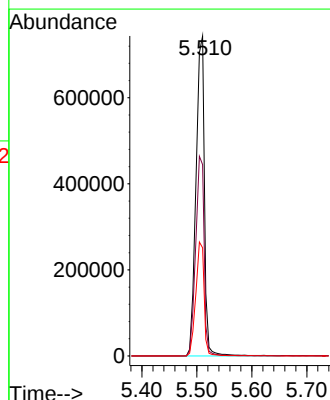
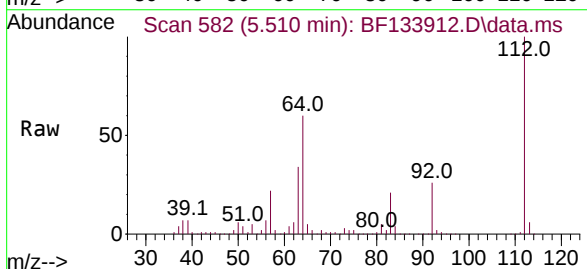
Instrument :
BNA_F
ClientSampleId :
WC-13

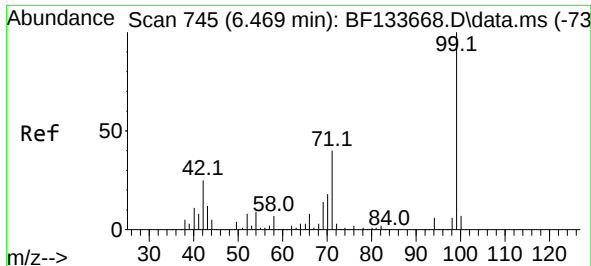
Tgt Ion:152 Resp: 102221
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 134.671 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:112 Resp: 790750
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.4
63 33.8 26.8 40.2

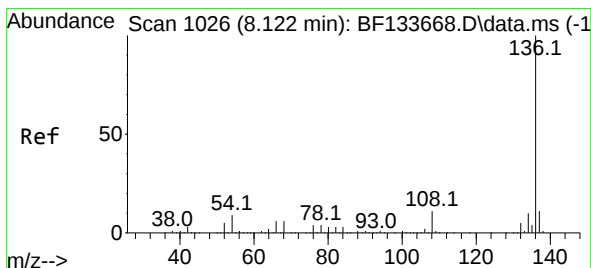
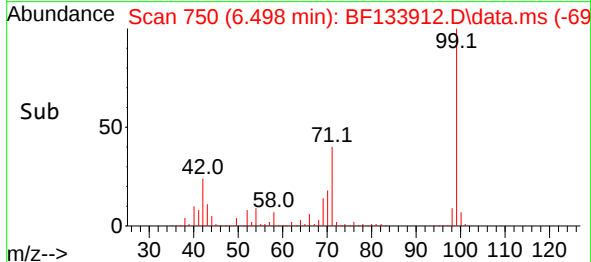
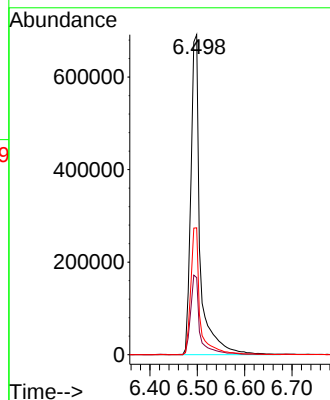
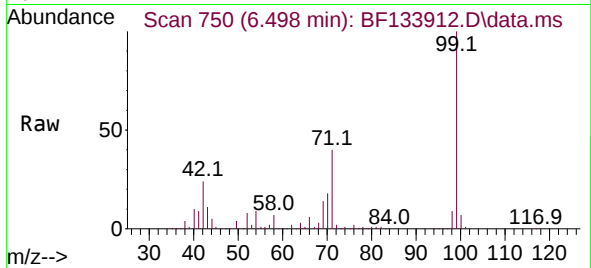




#7
Phenol-d6
Concen: 124.130 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

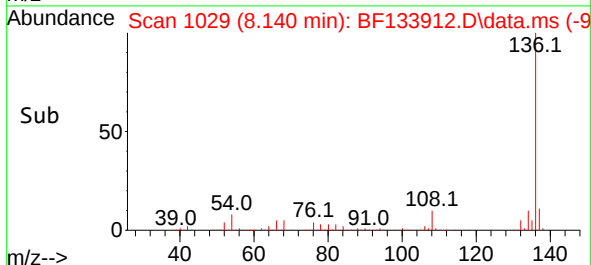
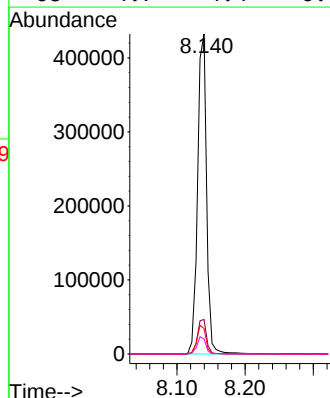
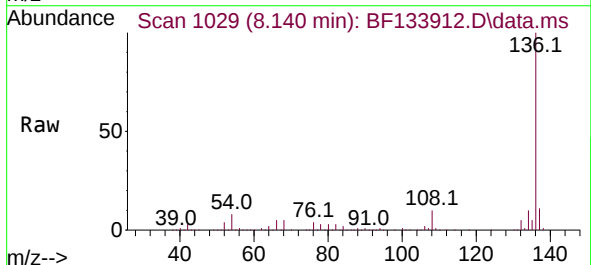
Instrument :
BNA_F
ClientSampleId :
WC-13

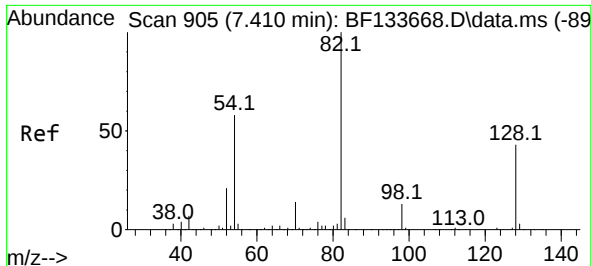
Tgt Ion: 99 Resp: 948731
Ion Ratio Lower Upper
99 100
42 24.1 19.9 29.9
71 39.6 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:136 Resp: 396273
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 7.4 11.0
68 4.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 97.399 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

Instrument :

BNA_F

ClientSampleId :

WC-13

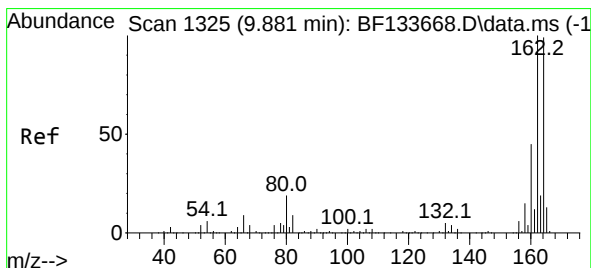
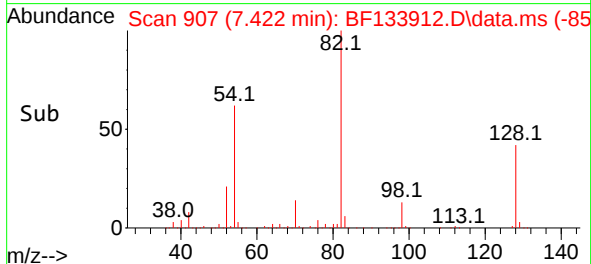
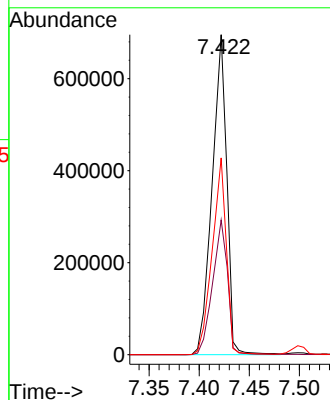
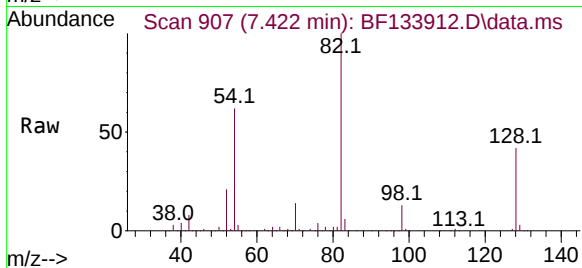
Tgt Ion: 82 Resp: 708626

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.2

54 61.5 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

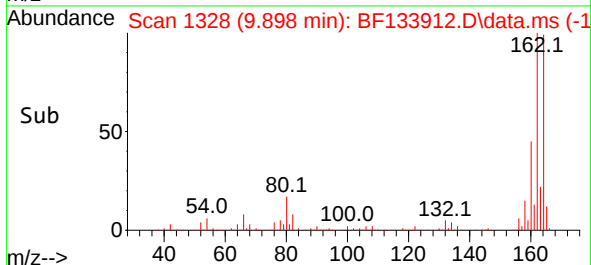
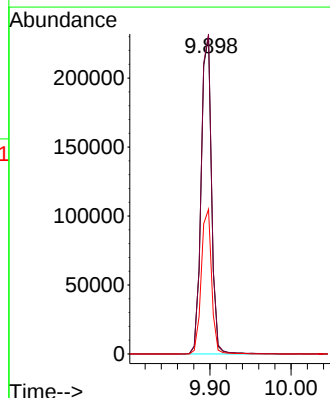
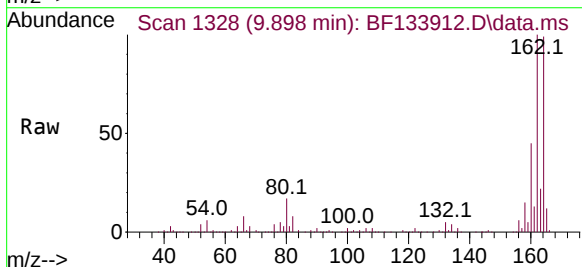
Tgt Ion:164 Resp: 204083

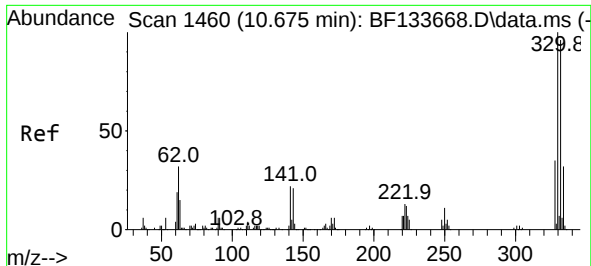
Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.605 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

Instrument :

BNA_F

ClientSampleId :

WC-13

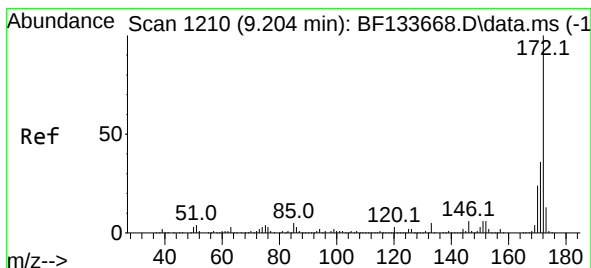
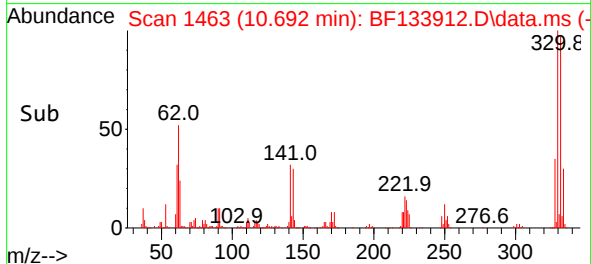
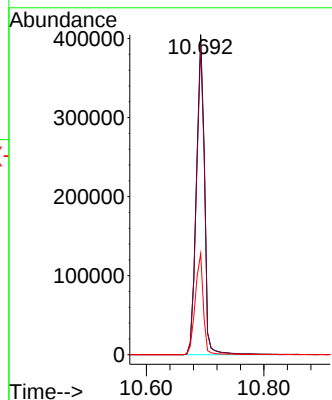
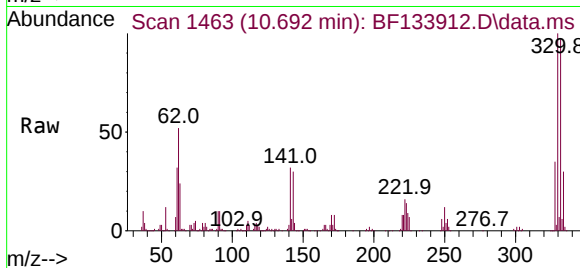
Tgt Ion:330 Resp: 386478

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 31.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 90.327 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

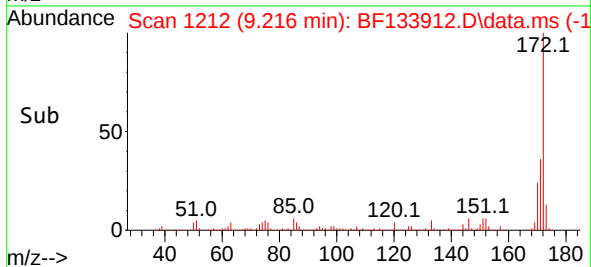
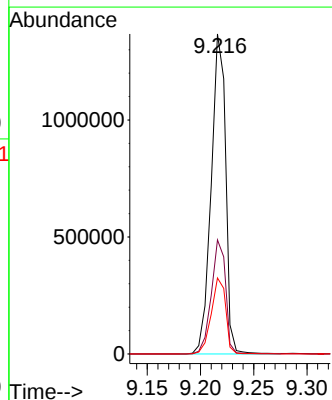
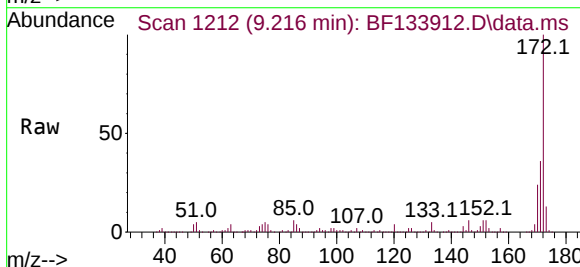
Tgt Ion:172 Resp: 1296795

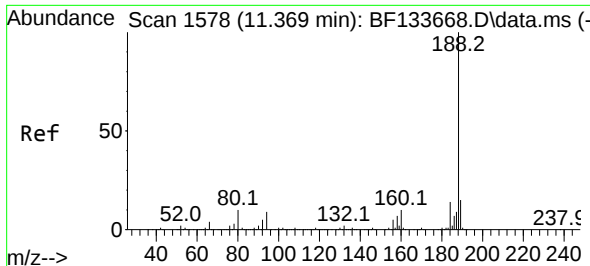
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

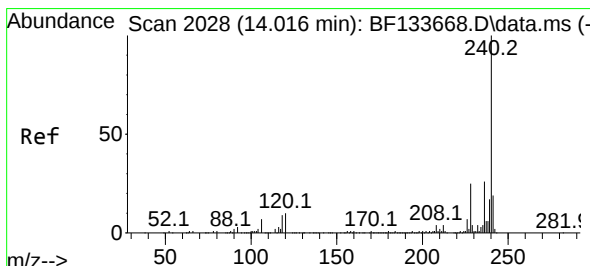
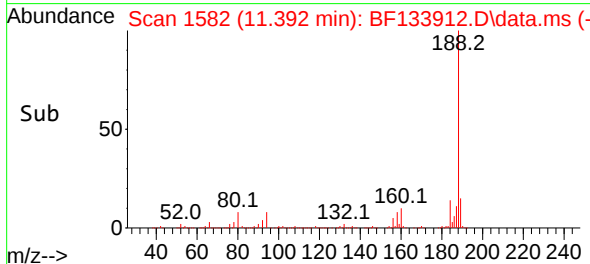
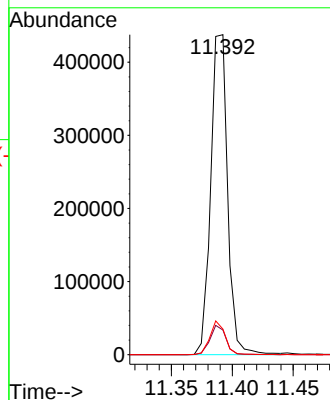
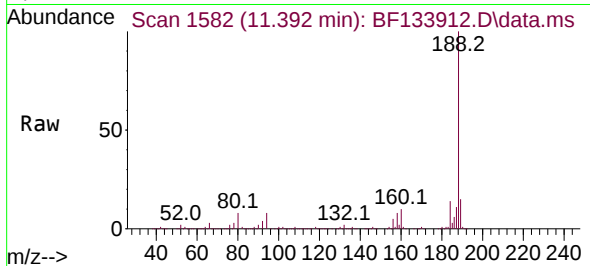




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

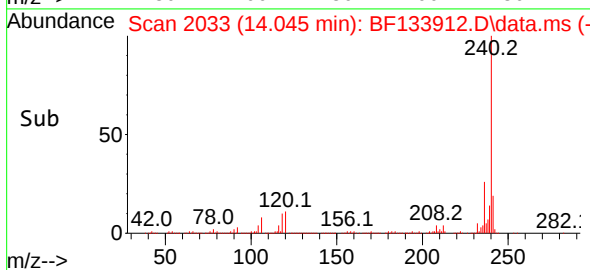
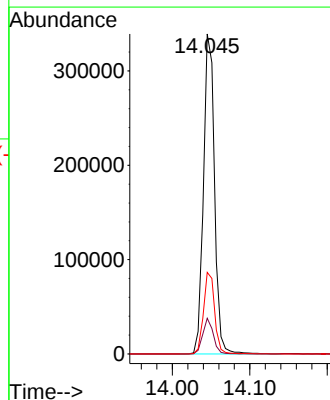
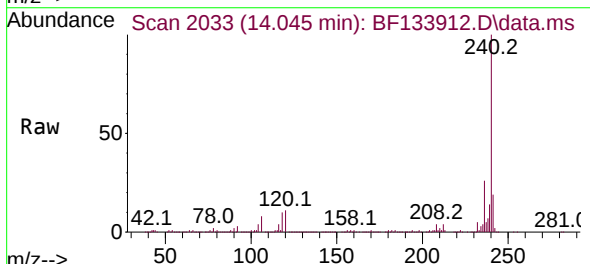
Instrument :
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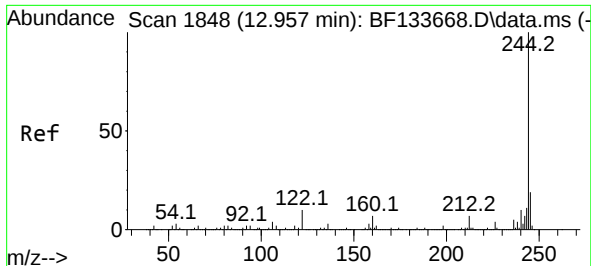
Tgt Ion:188 Resp: 423270
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:240 Resp: 336761
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.5 20.5 30.7

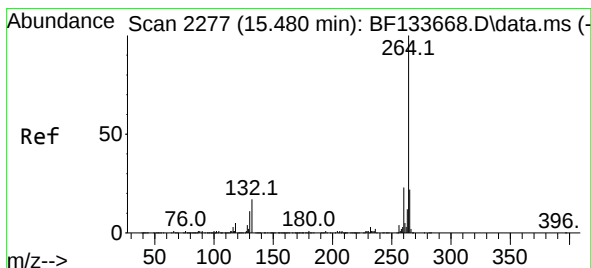
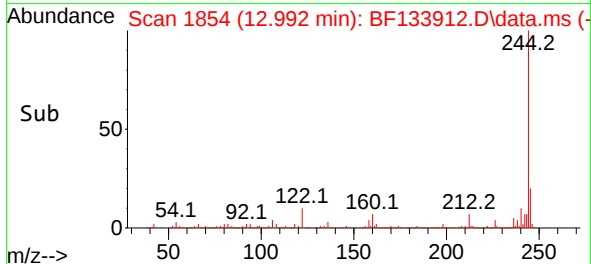
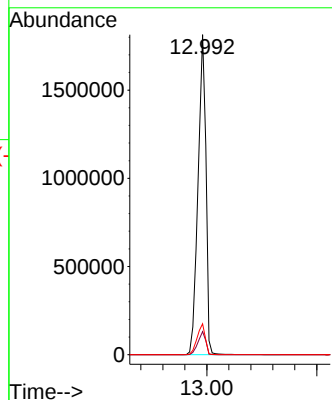
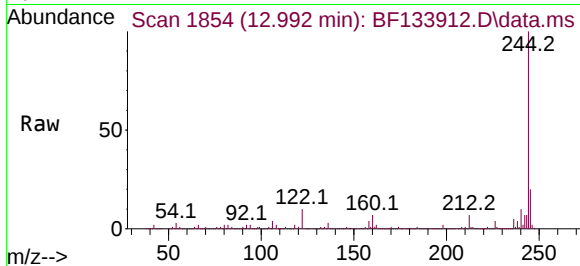




#79
 Terphenyl-d14
 Concen: 83.162 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133912.D
 Acq: 22 Jun 2023 21:10

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Tgt Ion:244 Resp: 1809922
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF133912.D
 Acq: 22 Jun 2023 21:10

Tgt Ion:264 Resp: 264093
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.5 17.8 26.6

