

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133815.D
 Acq On : 16 Jun 2023 19:42
 Operator : CG\JU
 Sample : 03295-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jun 17 00:11:17 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 16 14:54:03 2023
 Response via : Initial Calibration

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

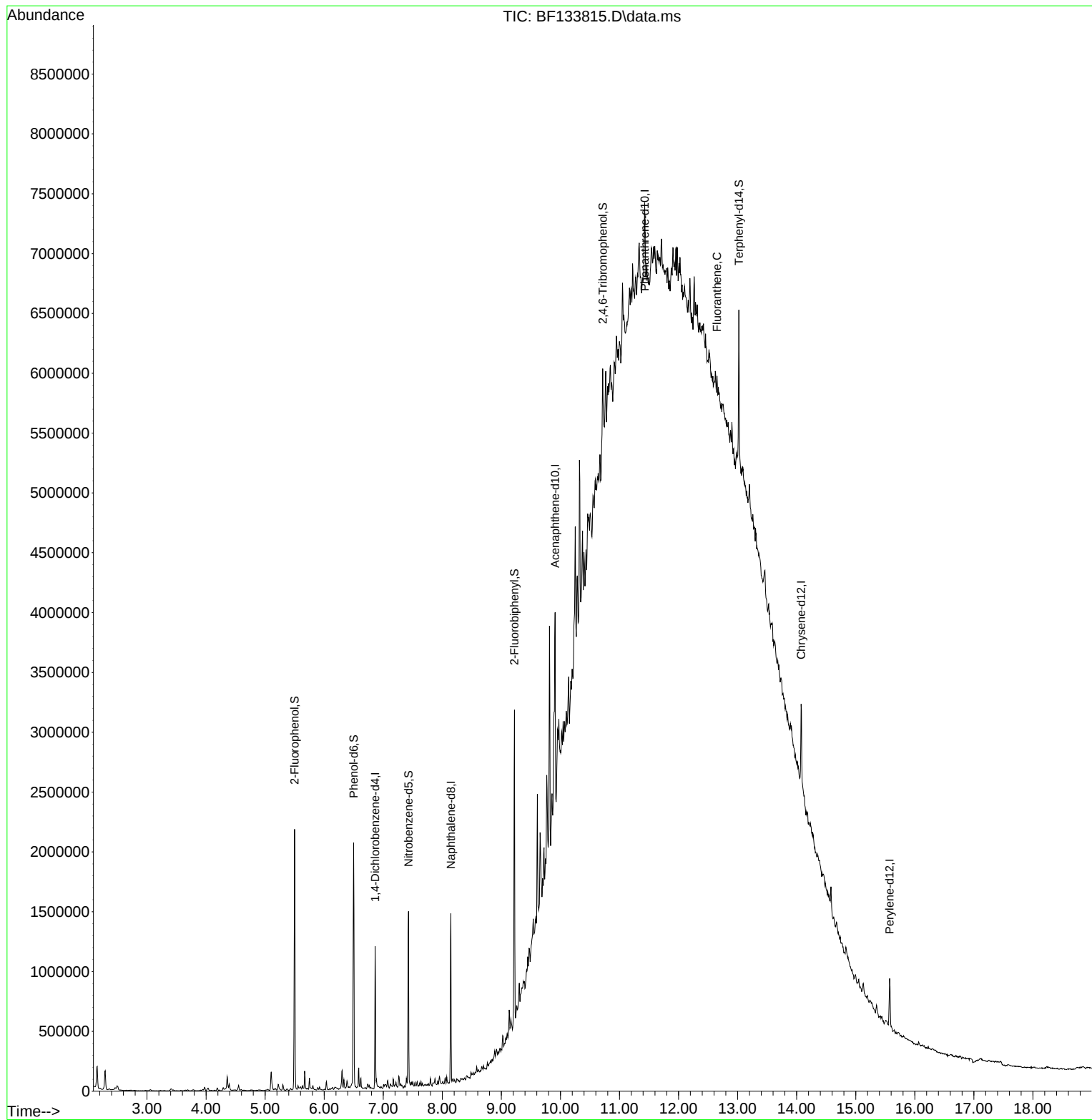
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	154245	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	564802	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	207541	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	280422	20.000	ng	# 0.04
76) Chrysene-d12	14.074	240	260602	20.000	ng	# 0.02
86) Perylene-d12	15.574	264	206272	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	554032	62.531	ng	0.00
7) Phenol-d6	6.498	99	666028	57.751	ng	0.00
23) Nitrobenzene-d5	7.428	82	419711	40.475	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	145010	55.198	ng	0.02
45) 2-Fluorobiphenyl	9.222	172	732360	50.162	ng	0.00
79) Terphenyl-d14	13.021	244	611559	36.312	ng	0.03
Target Compounds						
75) Fluoranthene	12.651	202	56793	3.759	ng	# 62

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

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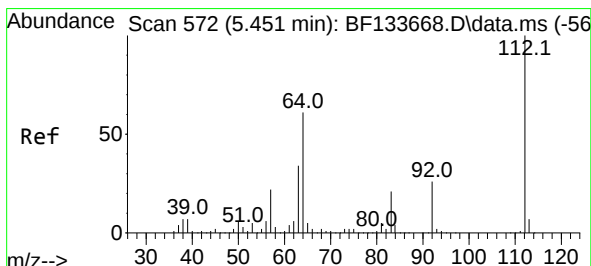
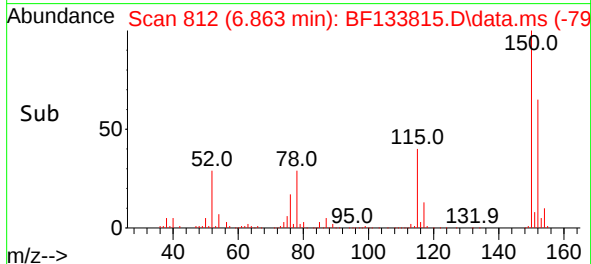
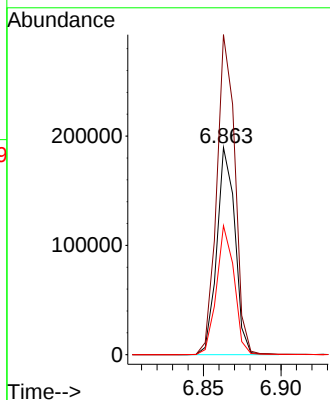
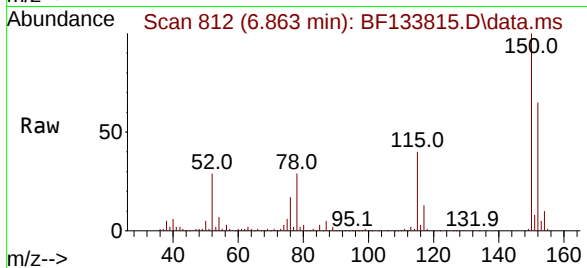




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

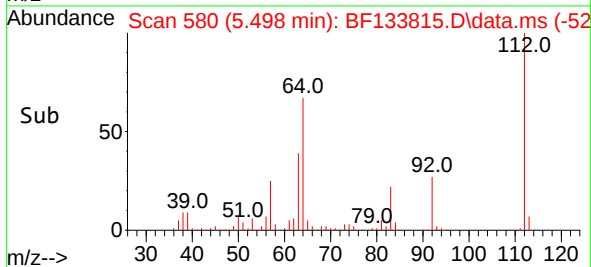
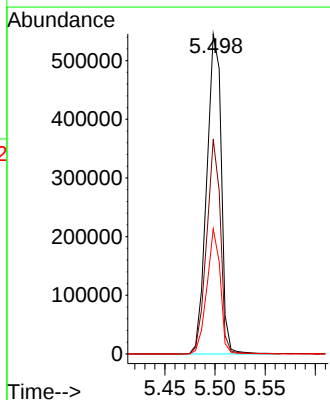
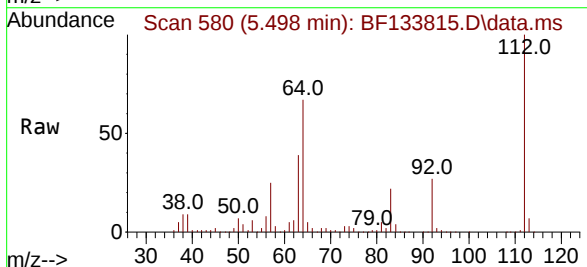
Instrument :
BNA_F
ClientSampleId :
WC-1

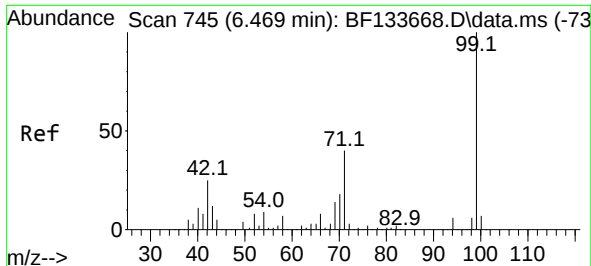
Tgt Ion:152 Resp: 154245
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 62.2 48.5 72.7



#5
2-Fluorophenol
Concen: 62.531 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

Tgt Ion:112 Resp: 554032
Ion Ratio Lower Upper
112 100
64 67.1 49.0 73.4
63 39.1 26.8 40.2

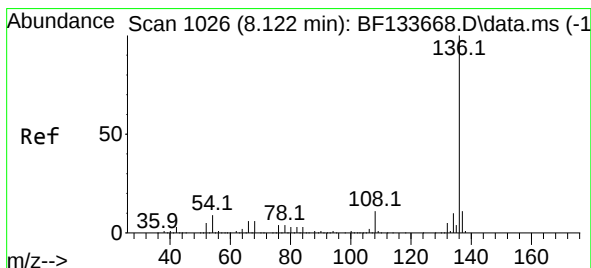
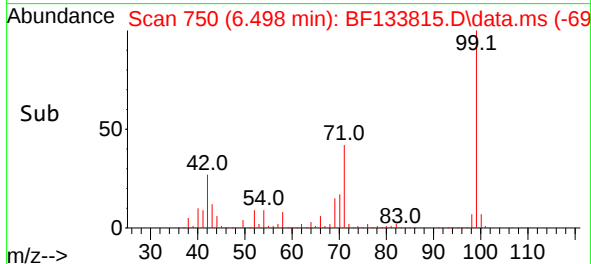
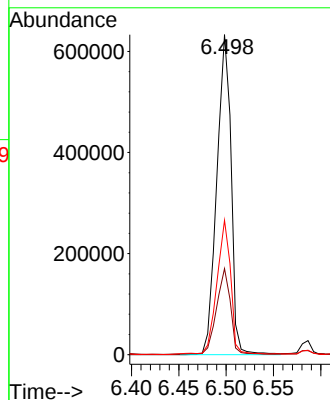
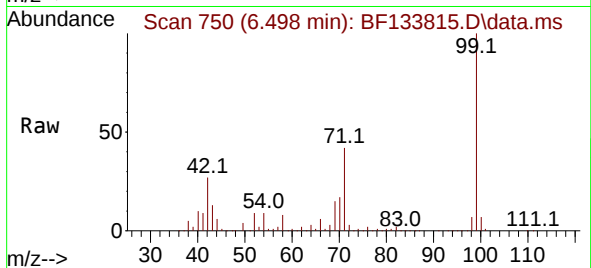




#7
Phenol-d6
Concen: 57.751 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

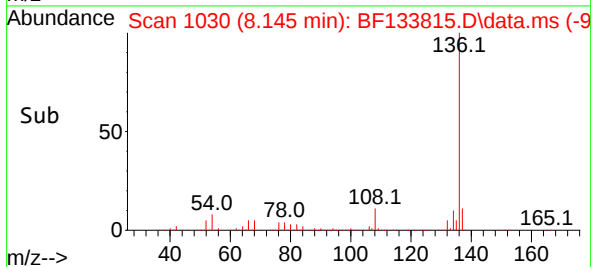
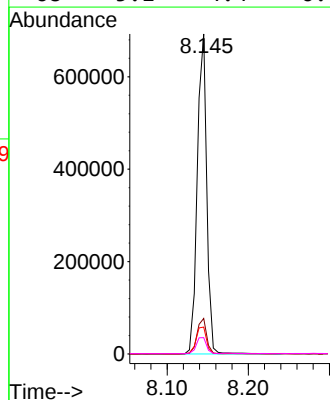
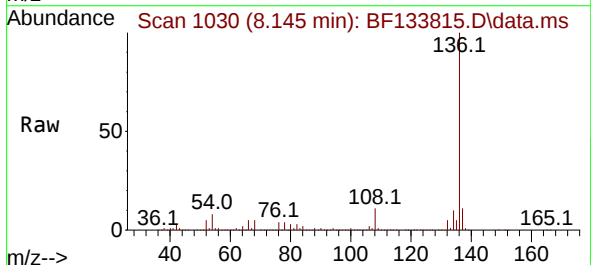
Instrument :
BNA_F
ClientSampleId :
WC-1

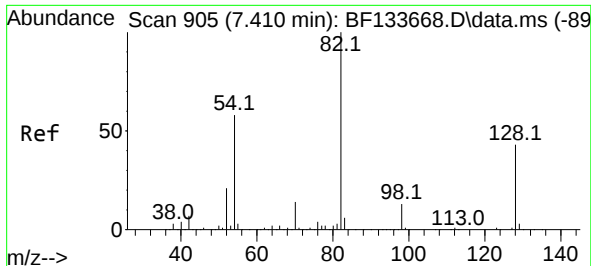
Tgt Ion: 99 Resp: 666028
Ion Ratio Lower Upper
99 100
42 26.9 19.9 29.9
71 42.0 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

Tgt Ion: 136 Resp: 564802
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.4 11.0
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 40.475 ng

RT: 7.428 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF133815.D

Acq: 16 Jun 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-1

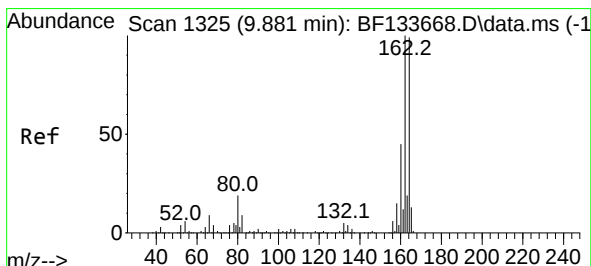
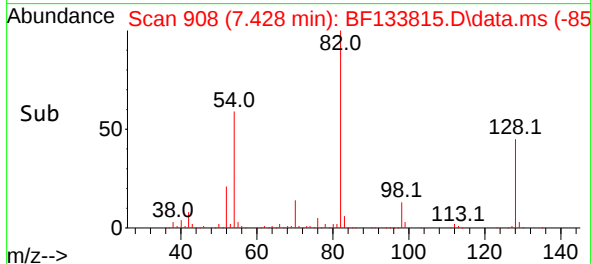
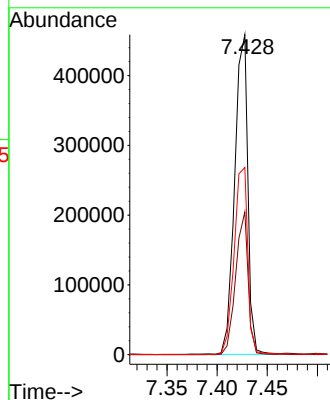
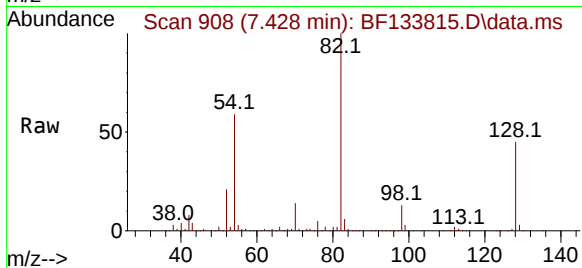
Tgt Ion: 82 Resp: 419711

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.2

54 58.5 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF133815.D

Acq: 16 Jun 2023 19:42

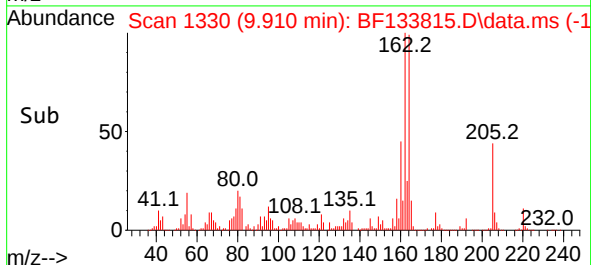
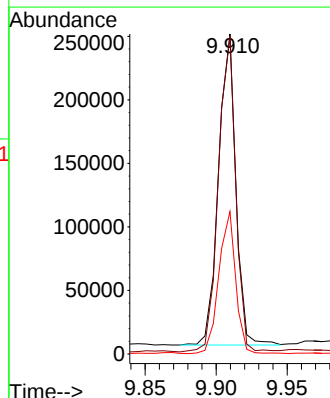
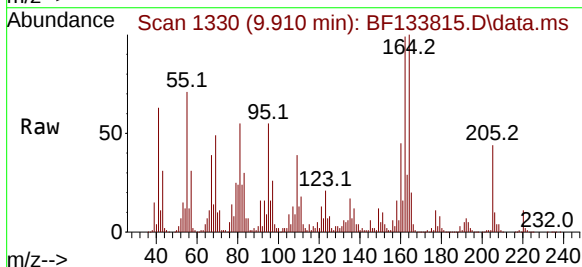
Tgt Ion:164 Resp: 207541

Ion Ratio Lower Upper

164 100

162 99.3 80.8 121.2

160 44.5 36.7 55.1

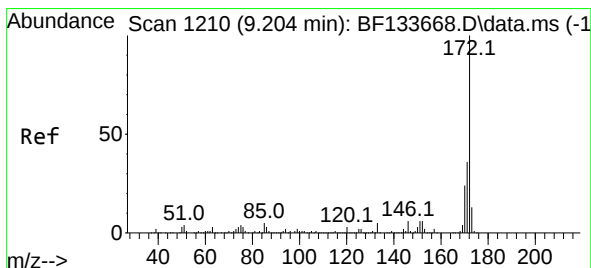
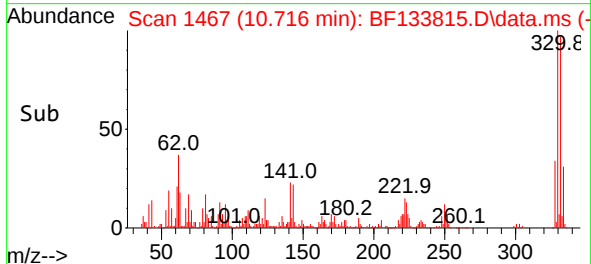
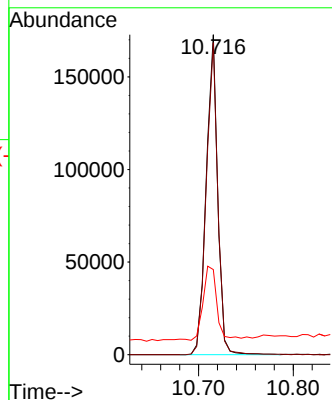
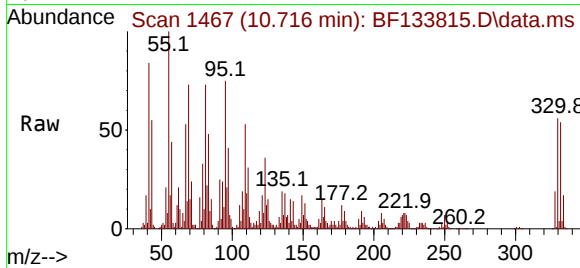




#42
2,4,6-Tribromophenol
Concen: 55.198 ng
RT: 10.716 min Scan# 1460
Delta R.T. 0.023 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

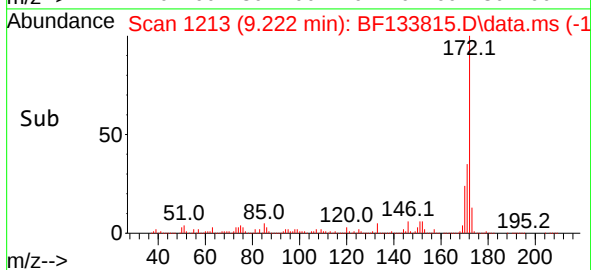
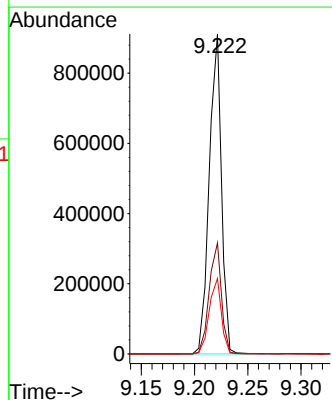
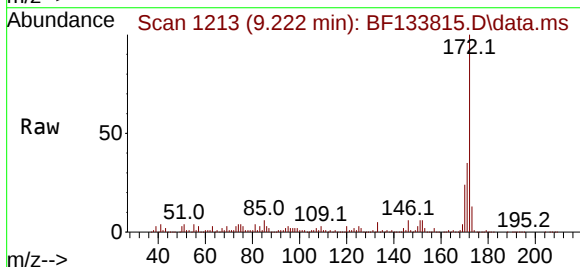
Instrument :
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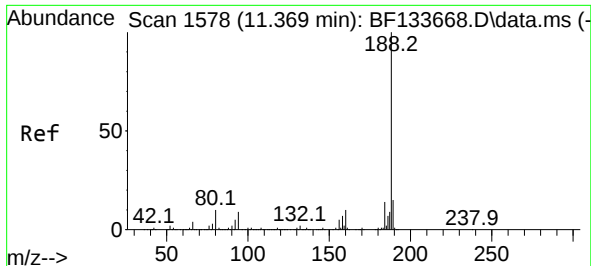
Tgt Ion:330 Resp: 145010
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 27.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 50.162 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

Tgt Ion:172 Resp: 732360
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.6 19.1 28.7

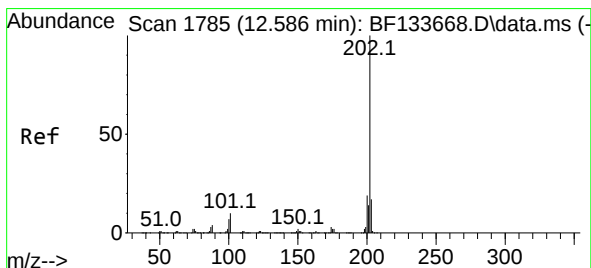
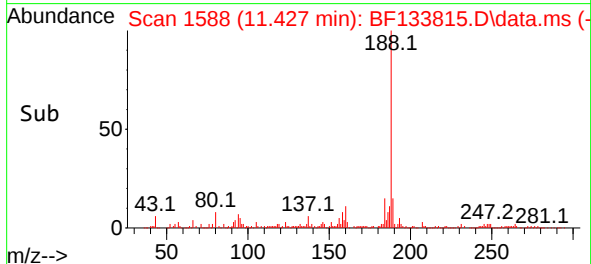
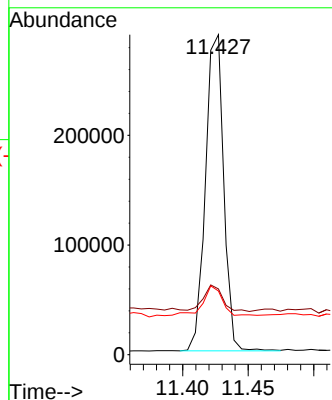
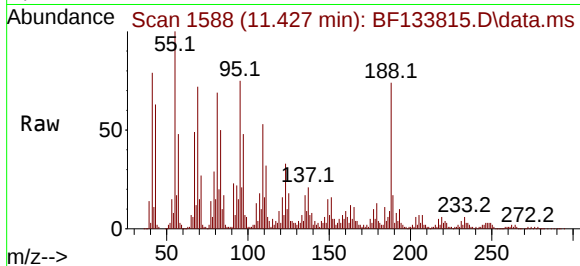




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

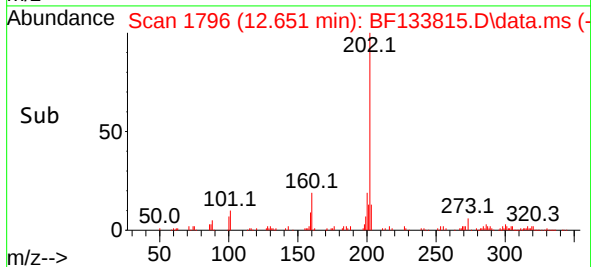
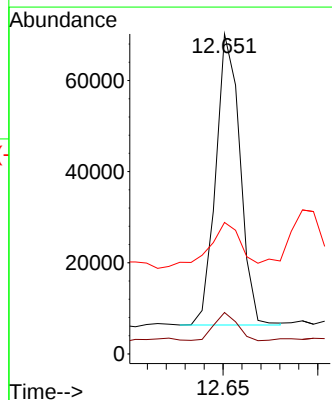
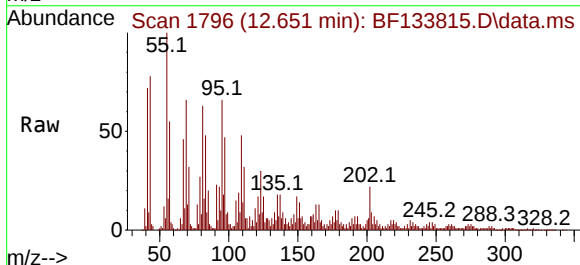
Instrument :
BNA_F
ClientSampleId :
WC-1

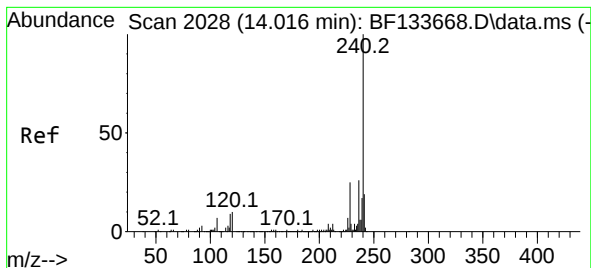
Tgt Ion:188 Resp: 280422
Ion Ratio Lower Upper
188 100
94 20.6 6.8 10.2#
80 19.9 7.8 11.6#



#75
Fluoranthene
Concen: 3.759 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.035 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

Tgt Ion:202 Resp: 56793
Ion Ratio Lower Upper
202 100
101 13.0 0.0 29.6
203 41.1 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF133815.D

Acq: 16 Jun 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-1

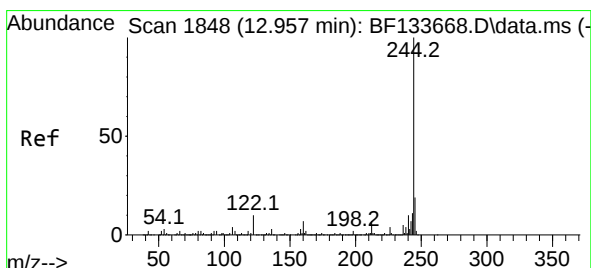
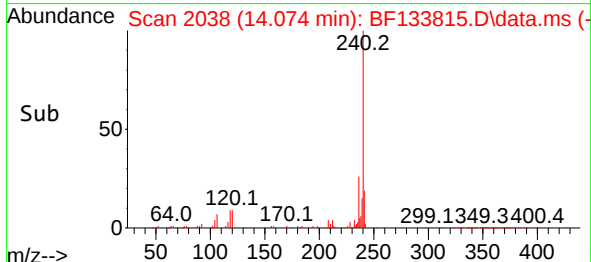
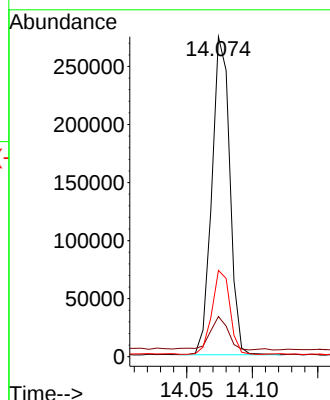
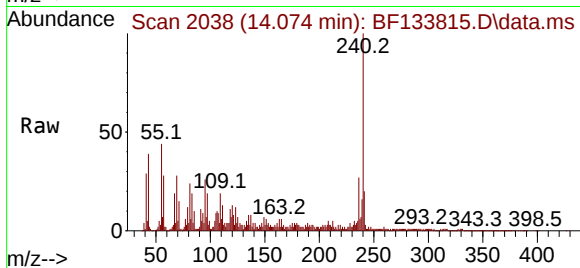
Tgt Ion:240 Resp: 260602

Ion Ratio Lower Upper

240 100

120 12.5 8.1 12.1#

236 26.9 20.5 30.7



#79

Terphenyl-d14

Concen: 36.312 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.029 min

Lab File: BF133815.D

Acq: 16 Jun 2023 19:42

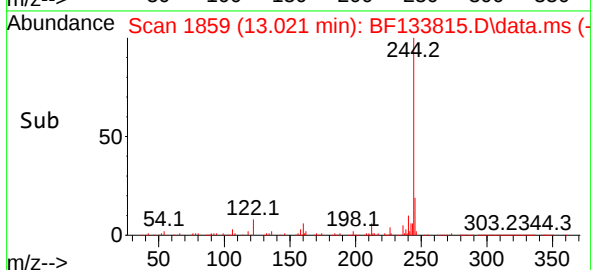
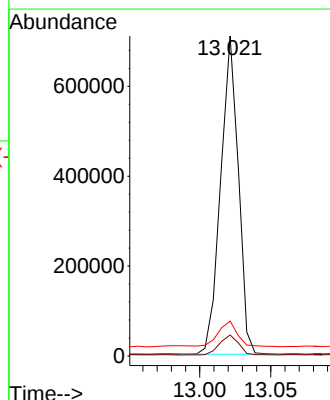
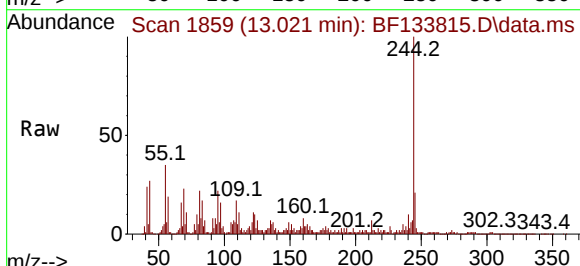
Tgt Ion:244 Resp: 611559

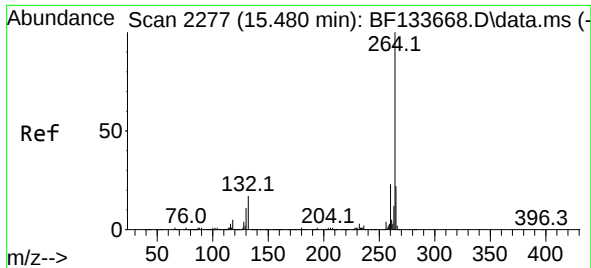
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.9 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF133815.D
Acq: 16 Jun 2023 19:42

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 206272

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.3	17.8	26.6

