

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135888.D
 Acq On : 19 Oct 2023 16:06
 Operator : CG\JU
 Sample : 04788-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Oct 20 01:46:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

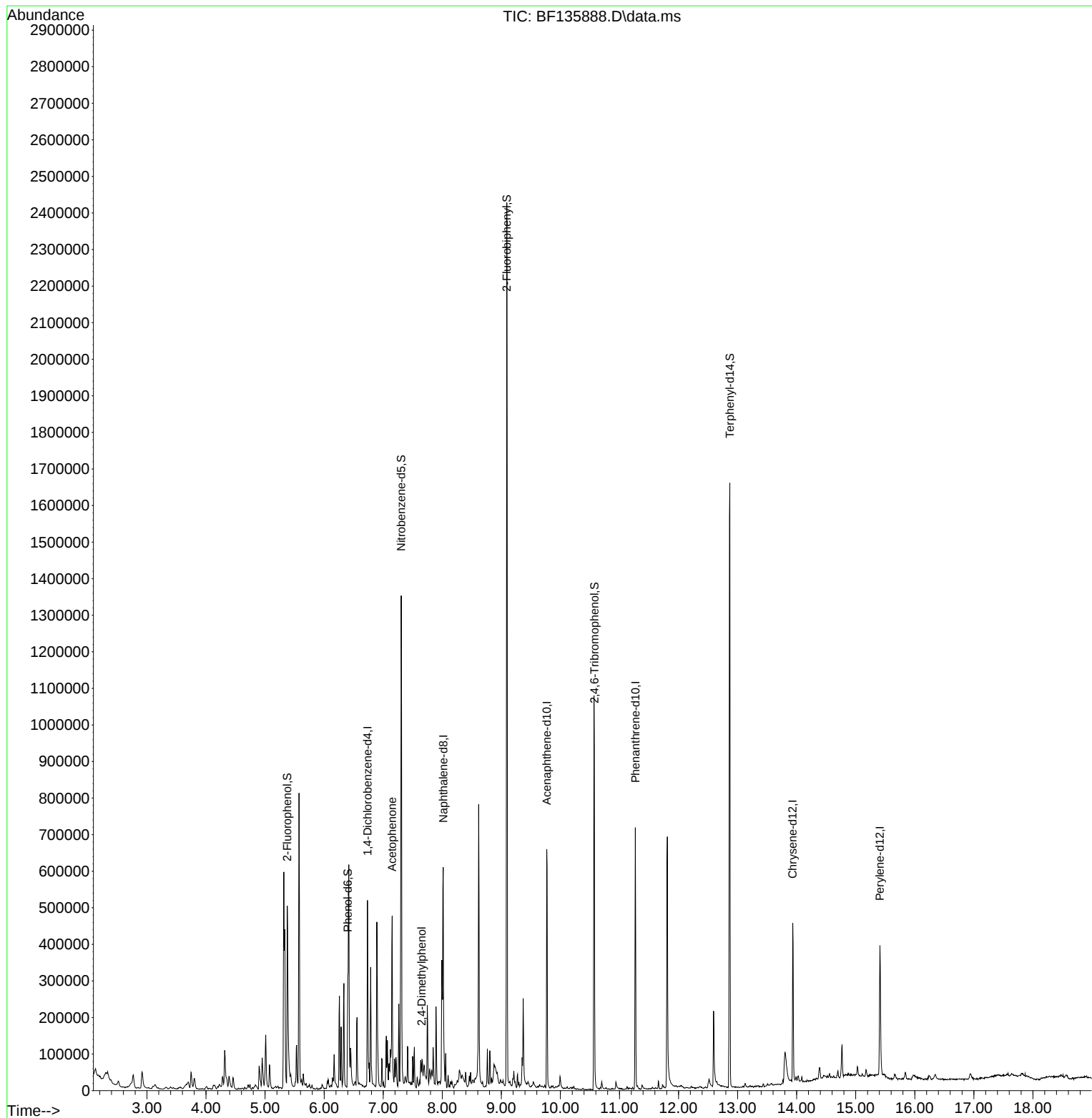
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	71831	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	242972	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	132914	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	251489	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	153918	20.000	ng	-0.02
86) Perylene-d12	15.410	264	165635	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	181701	40.669	ng	0.00
7) Phenol-d6	6.398	99	154343	27.687	ng	0.00
23) Nitrobenzene-d5	7.304	82	377857	85.532	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	131886	103.406	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	716564	84.292	ng	-0.01
79) Terphenyl-d14	12.869	244	617412	74.286	ng	-0.01
Target Compounds						
						Qvalue
22) Acetophenone	7.151	105	121918	21.879	ng	# 92
27) 2,4-Dimethylphenol	7.651	122	16014	4.496	ng	# 72

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

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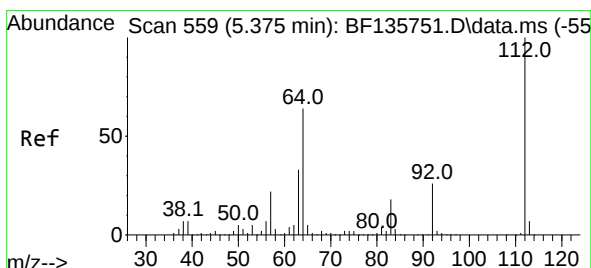
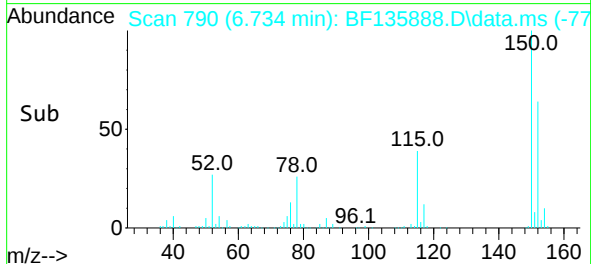
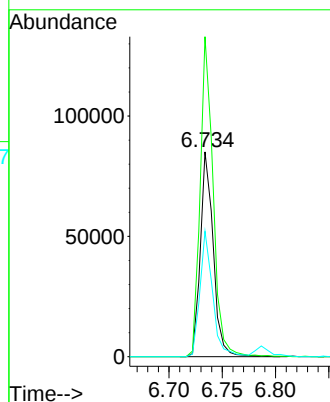
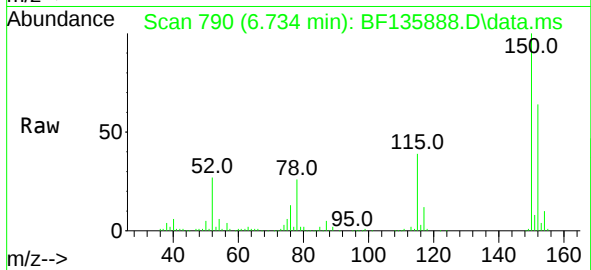




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135888.D
 Acq: 19 Oct 2023 16:06

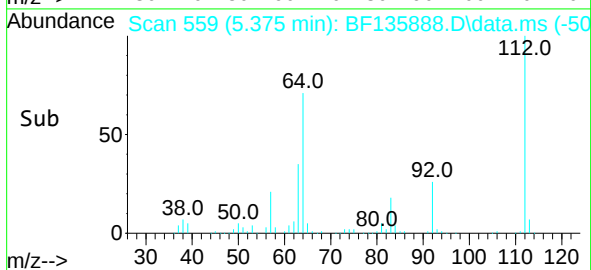
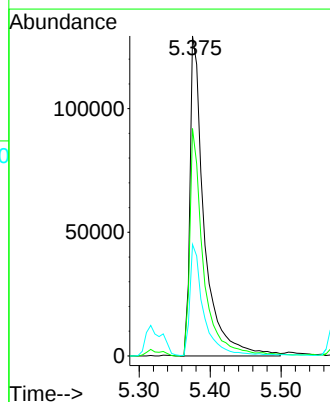
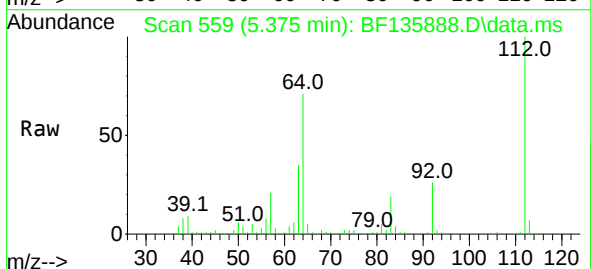
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

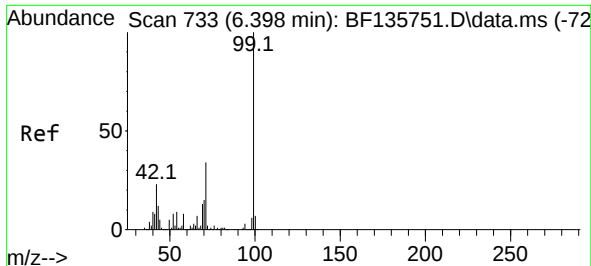
Tgt Ion:152 Resp: 71831
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 61.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 40.669 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135888.D
 Acq: 19 Oct 2023 16:06

Tgt Ion:112 Resp: 181701
 Ion Ratio Lower Upper
 112 100
 64 71.1 51.2 76.8
 63 34.8 26.1 39.1

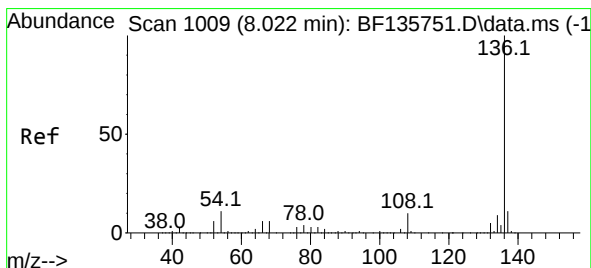
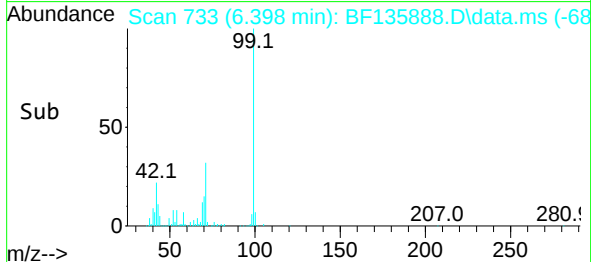
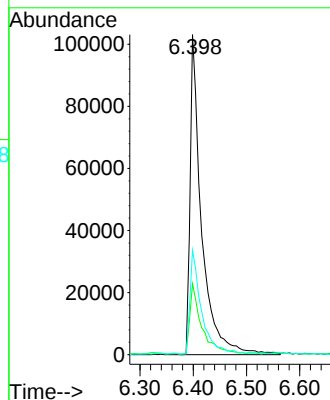
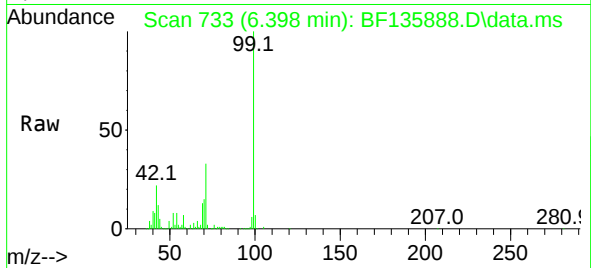




#7
Phenol-d6
Concen: 27.687 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

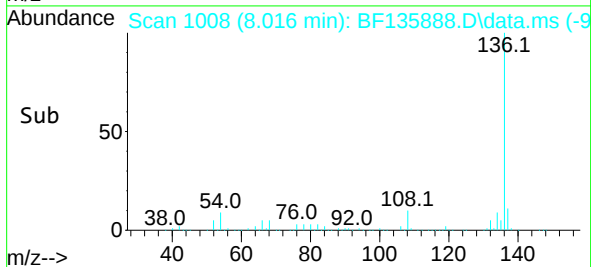
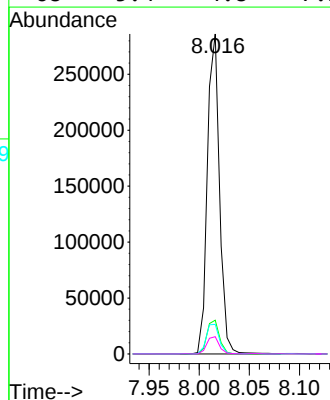
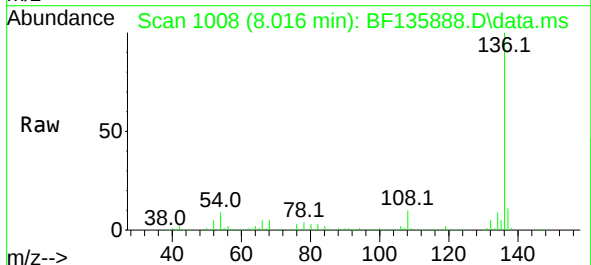
Instrument :
BNA_F
ClientSampleId :
MW-3

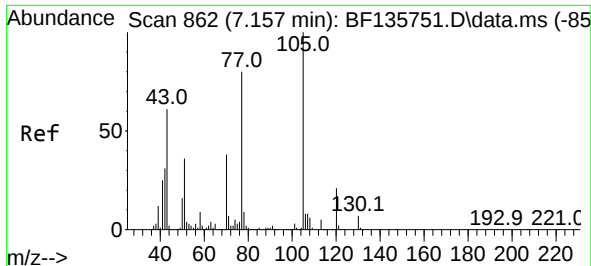
Tgt Ion: 99 Resp: 154343
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 32.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

Tgt Ion:136 Resp: 242972
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.3 8.5 12.7
68 5.4 4.8 7.2

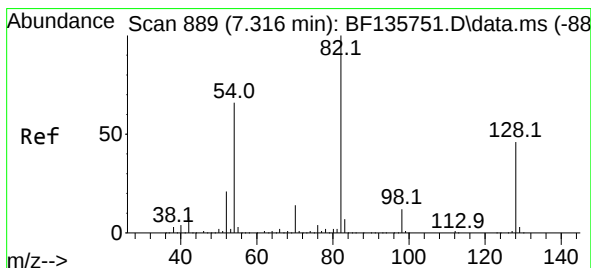
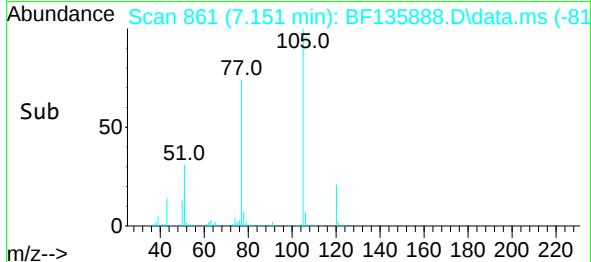
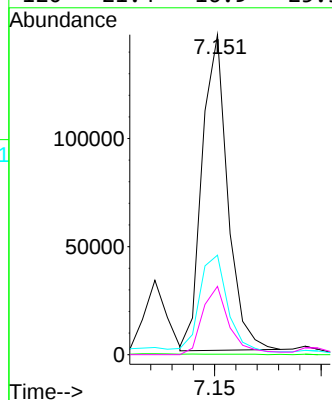
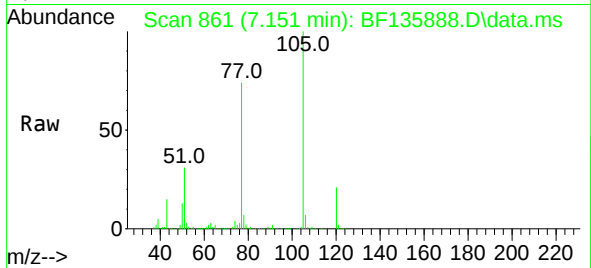




#22
Acetophenone
Concen: 21.879 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

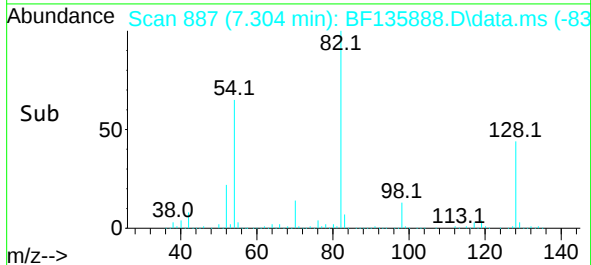
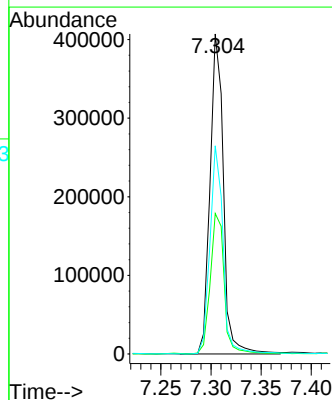
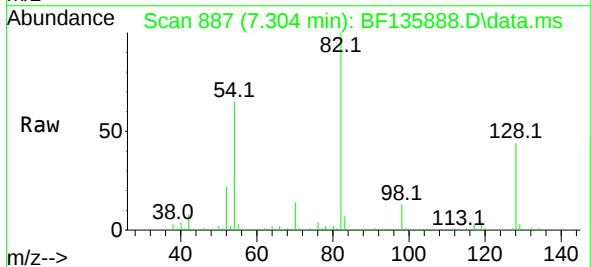
Instrument :
BNA_F
ClientSampleId :
MW-3

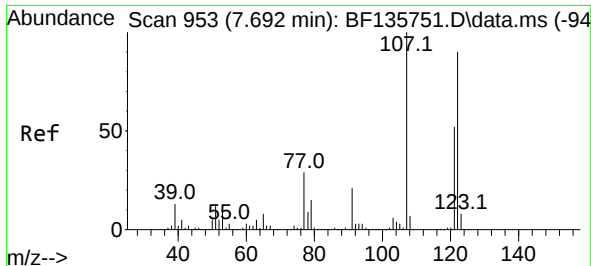
Tgt Ion:105 Resp: 121918
Ion Ratio Lower Upper
105 100
71 0.2 5.4 8.0#
51 31.1 29.4 44.0
120 21.4 16.9 25.3



#23
Nitrobenzene-d5
Concen: 85.532 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

Tgt Ion: 82 Resp: 377857
Ion Ratio Lower Upper
82 100
128 43.9 37.0 55.6
54 65.0 52.8 79.2

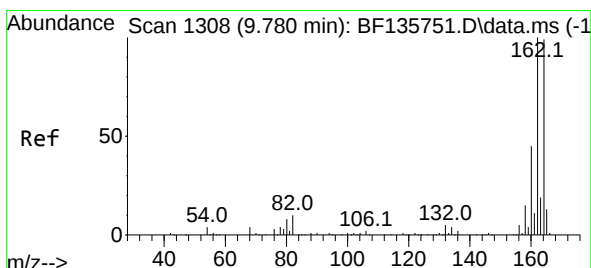
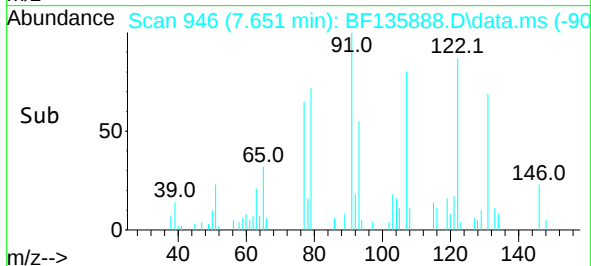
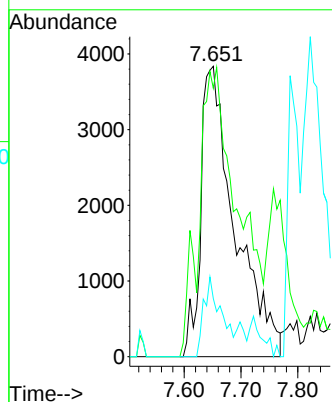
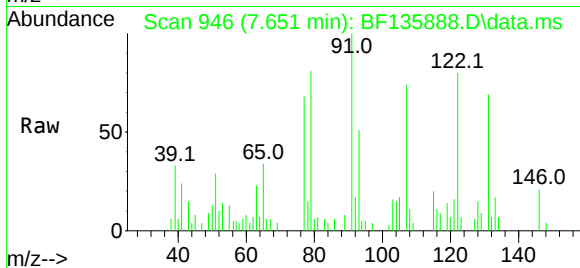




#27
2,4-Dimethylphenol
Concen: 4.496 ng
RT: 7.651 min Scan# 94
Delta R.T. -0.041 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

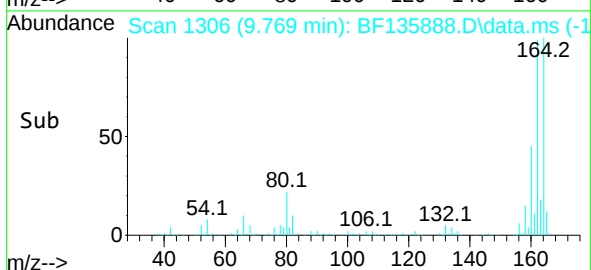
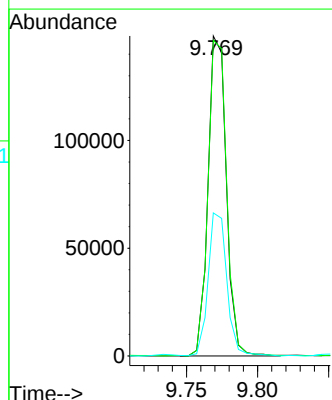
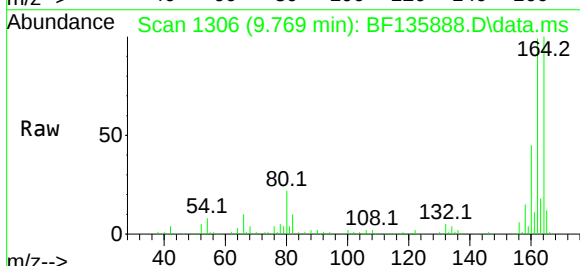
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:122 Resp: 16014
Ion Ratio Lower Upper
122 100
107 92.5 88.2 132.4
121 20.0 45.5 68.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135888.D
Acq: 19 Oct 2023 16:06

Tgt Ion:164 Resp: 132914
Ion Ratio Lower Upper
164 100
162 98.7 80.8 121.2
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 103.406 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135888.D

Acq: 19 Oct 2023 16:06

Instrument :

BNA_F

ClientSampleId :

MW-3

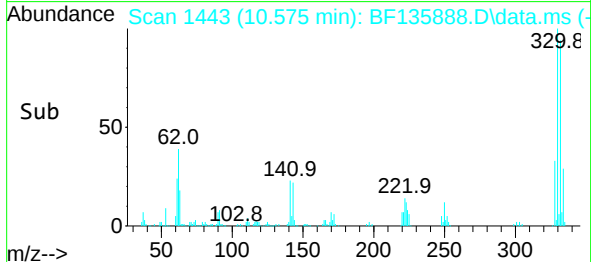
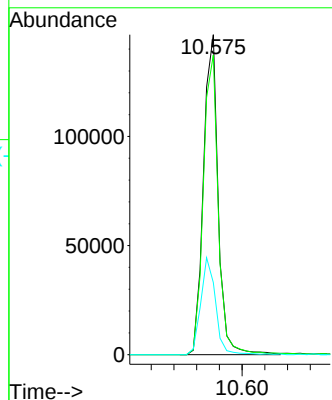
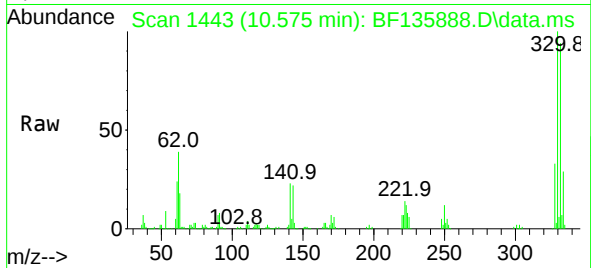
Tgt Ion:330 Resp: 131886

Ion Ratio Lower Upper

330 100

332 95.9 75.0 112.4

141 30.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 84.292 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135888.D

Acq: 19 Oct 2023 16:06

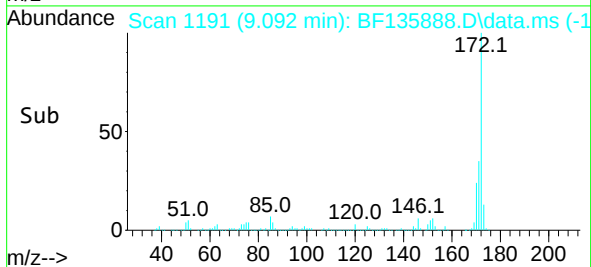
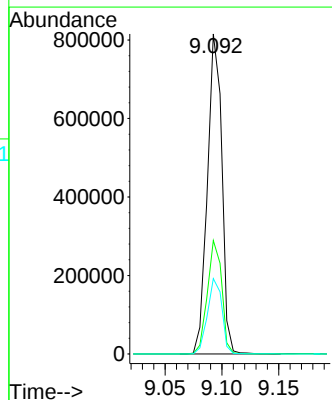
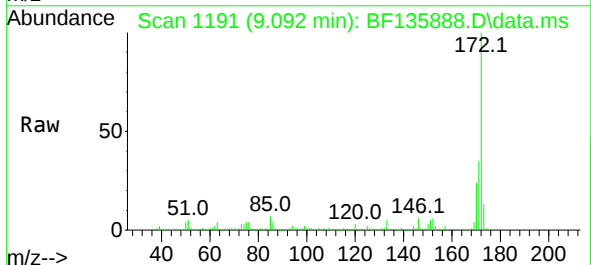
Tgt Ion:172 Resp: 716564

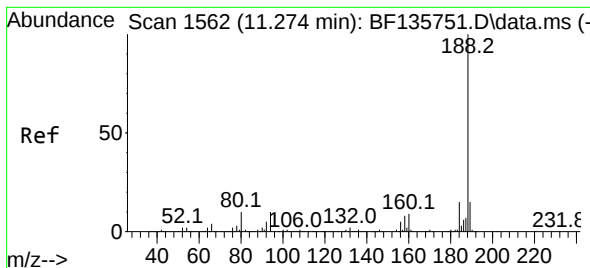
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135888.D

Acq: 19 Oct 2023 16:06

Instrument :

BNA_F

ClientSampleId :

MW-3

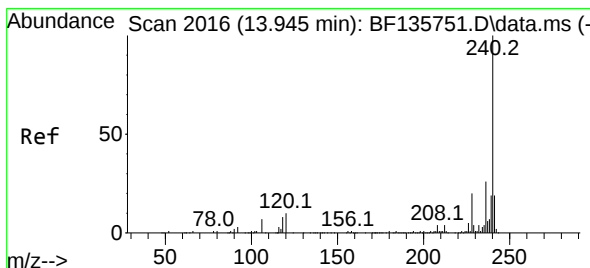
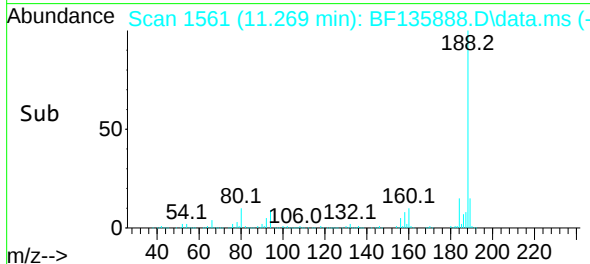
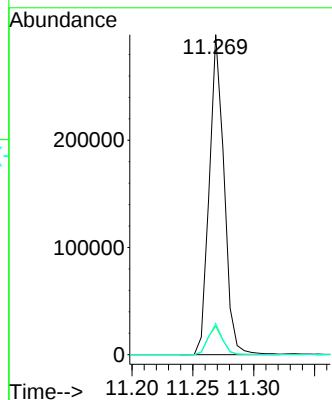
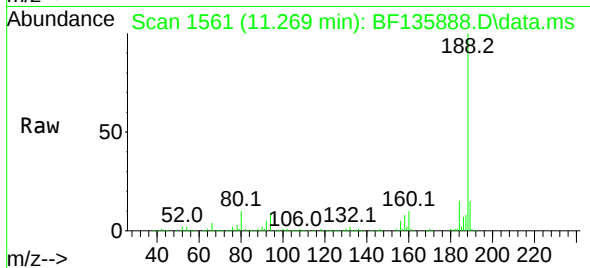
Tgt Ion:188 Resp: 251489

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 9.8 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135888.D

Acq: 19 Oct 2023 16:06

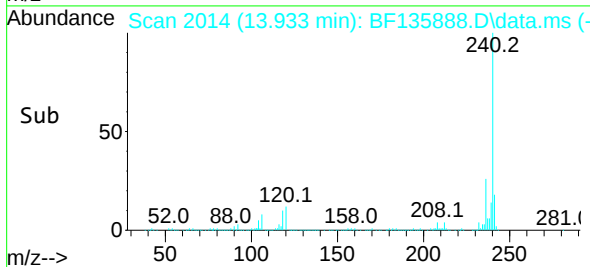
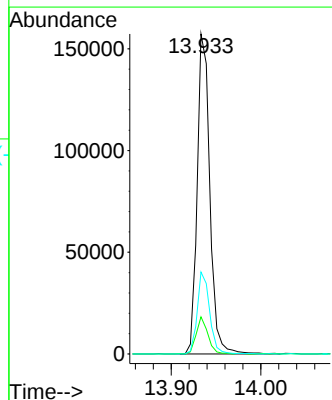
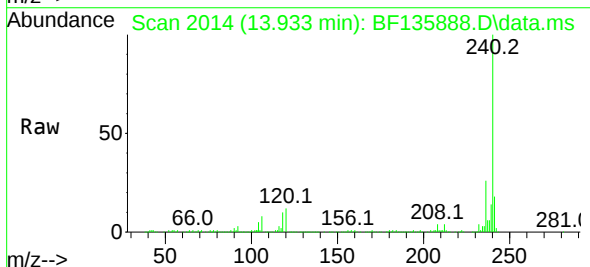
Tgt Ion:240 Resp: 153918

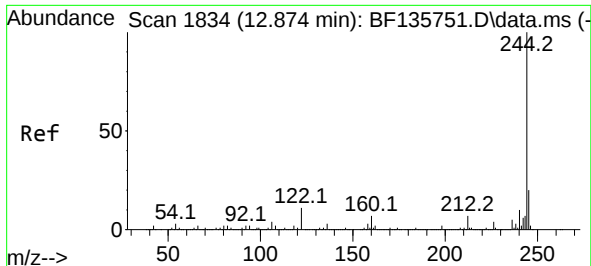
Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

236 25.6 21.2 31.8

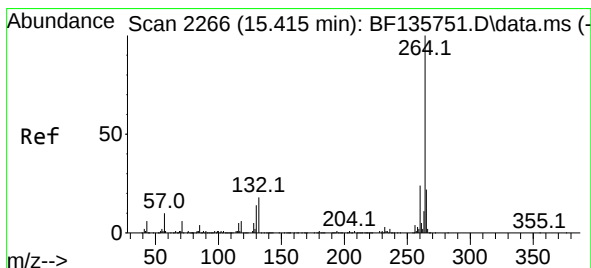
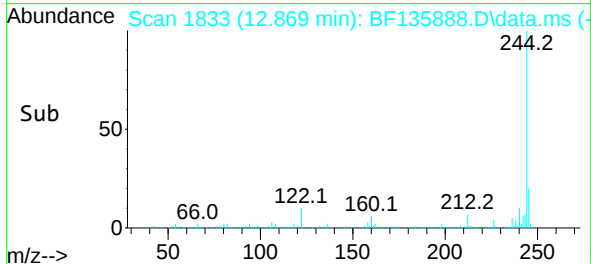
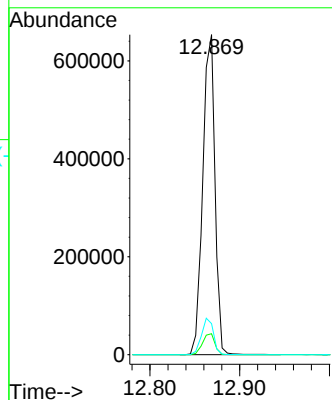
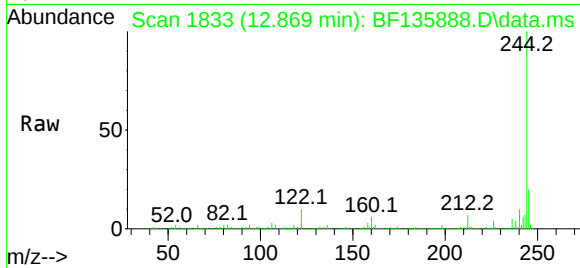




#79
 Terphenyl-d14
 Concen: 74.286 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135888.D
 Acq: 19 Oct 2023 16:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 617412
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135888.D
 Acq: 19 Oct 2023 16:06

Tgt Ion:264 Resp: 165635
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.2 17.4 26.2

