

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131439.D
 Acq On : 28 Nov 2022 20:27
 Operator : CG\JU
 Sample : N5741-05DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

Quant Time: Nov 29 00:58:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

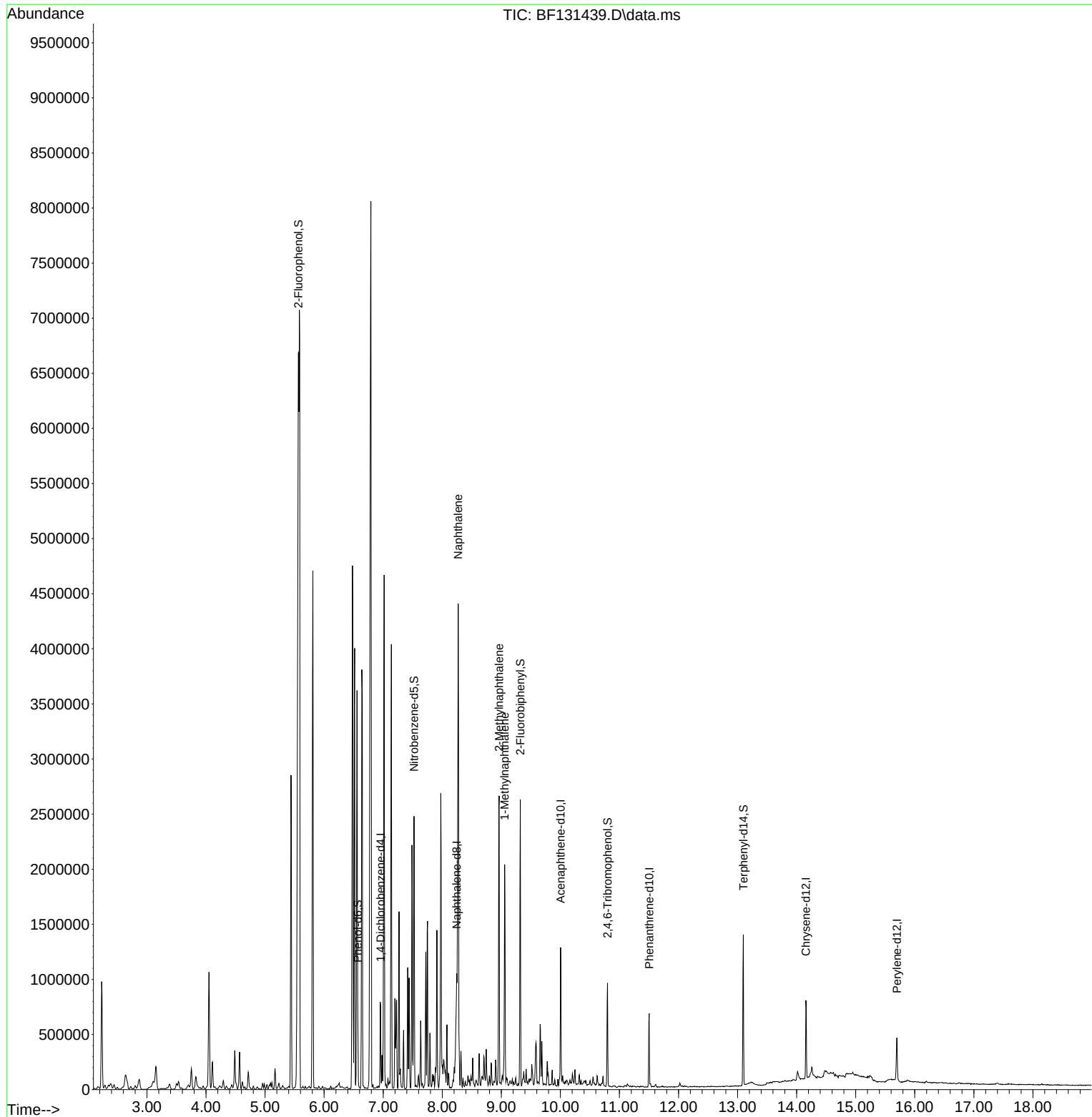
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	115117	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	402826	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	237911	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	242458	20.000	ng	0.00
76) Chrysene-d12	14.157	240	251385	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	182170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	168056	27.785	ng	0.00
7) Phenol-d6	6.569	99	205453	26.623	ng	0.00
23) Nitrobenzene-d5	7.522	82	349031	43.677	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	100381	50.151	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	743185	45.446	ng	0.00
79) Terphenyl-d14	13.098	244	451688	29.382	ng	0.00
Target Compounds						
31) Naphthalene	8.269	128	1993034	92.844	ng	Qvalue 99
37) 2-Methylnaphthalene	8.963	142	731810	50.314	ng	98
38) 1-Methylnaphthalene	9.057	142	492076	34.889	ng	100

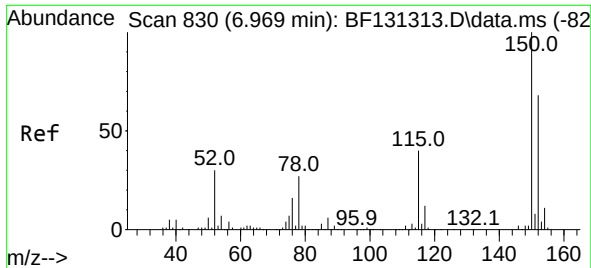
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 00:58:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
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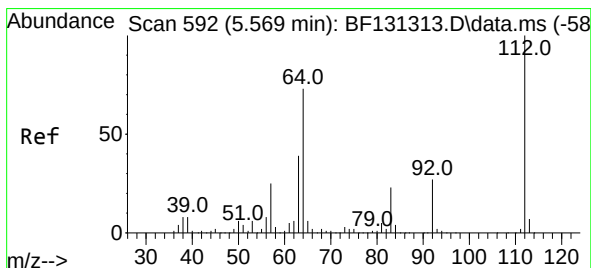
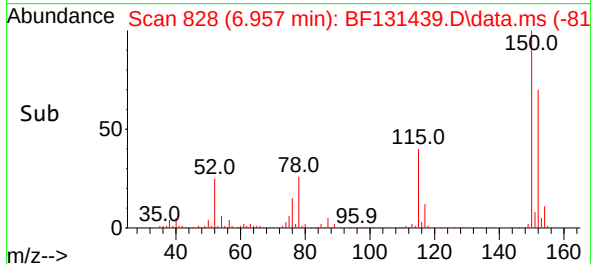
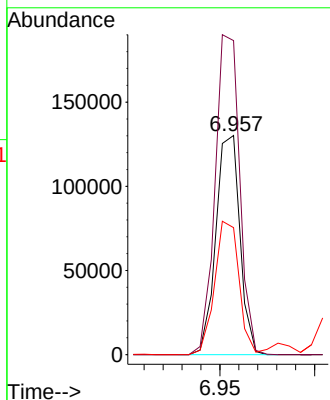
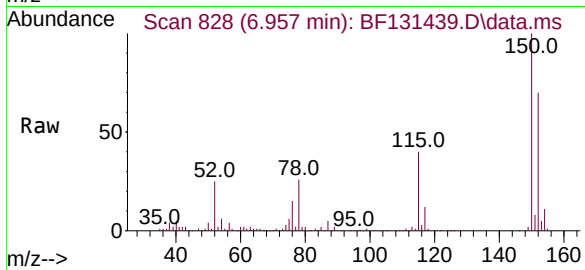




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

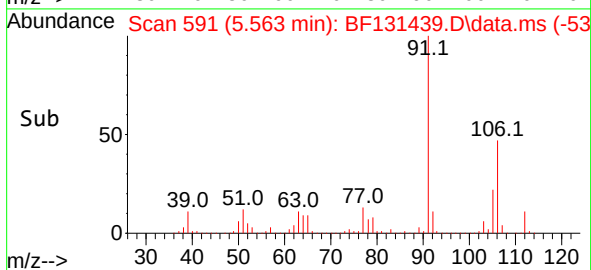
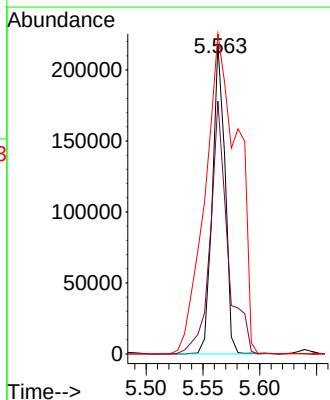
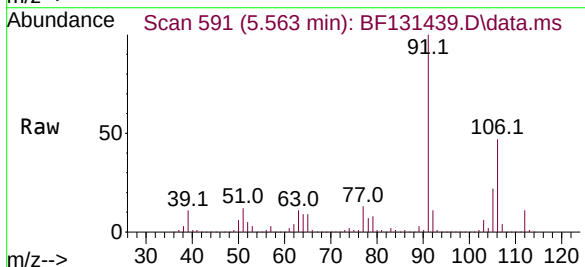
Instrument :
BNA_F
ClientSampleId :
MW-23DL

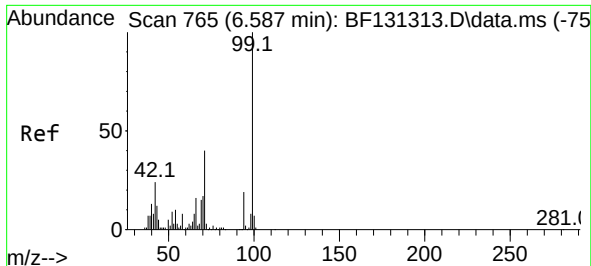
Tgt Ion:152 Resp: 115117
Ion Ratio Lower Upper
152 100
150 143.3 117.8 176.8
115 57.9 47.1 70.7



#5
2-Fluorophenol
Concen: 27.785 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:112 Resp: 168056
Ion Ratio Lower Upper
112 100
64 81.7 58.6 88.0
63 103.4 31.4 47.0#





#7
Phenol-d6
Concen: 26.623 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

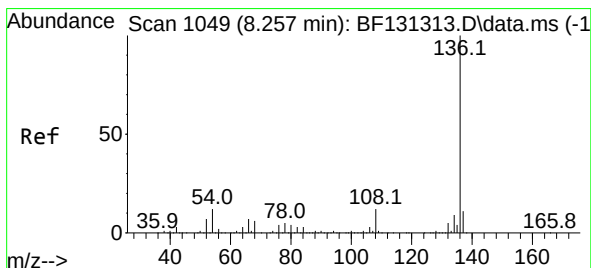
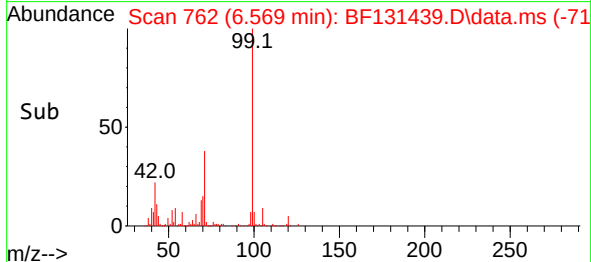
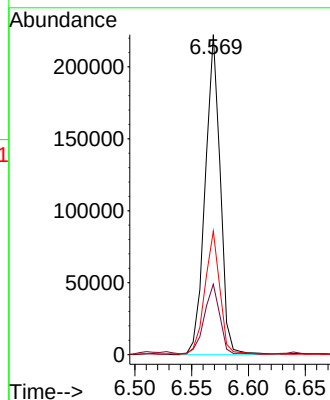
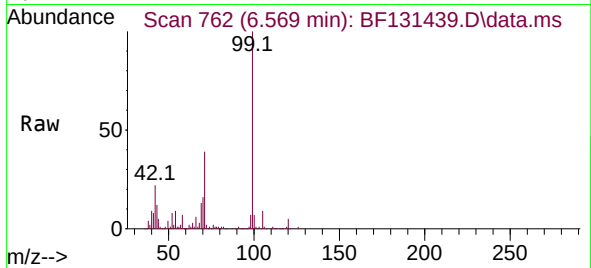
Instrument :

BNA_F

ClientSampleId :

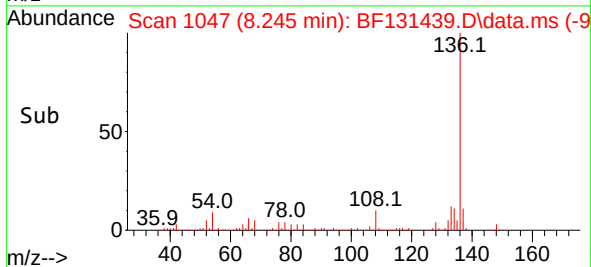
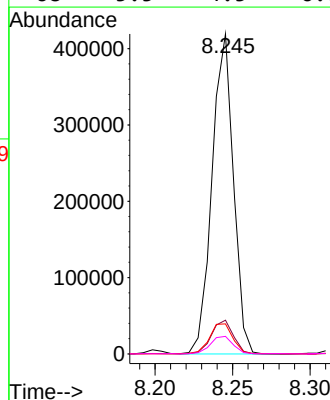
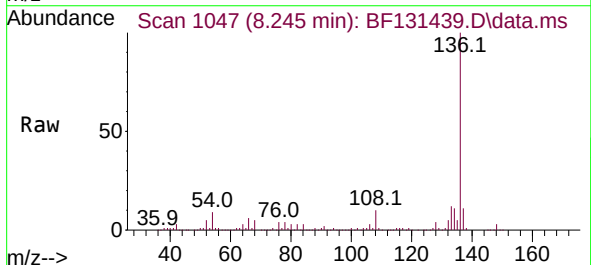
MW-23DL

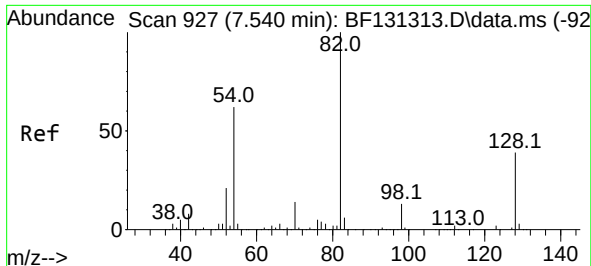
Tgt Ion: 99 Resp: 205453
Ion Ratio Lower Upper
99 100
42 22.0 19.4 29.2
71 38.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 136 Resp: 402826
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.4 9.4 14.0#
68 5.5 4.5 6.7

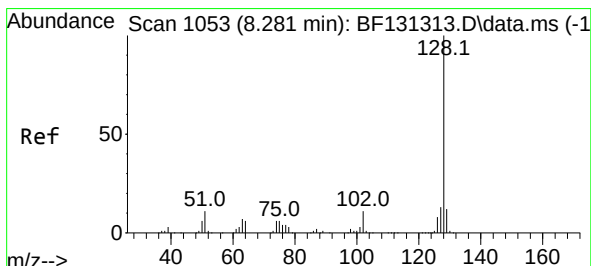
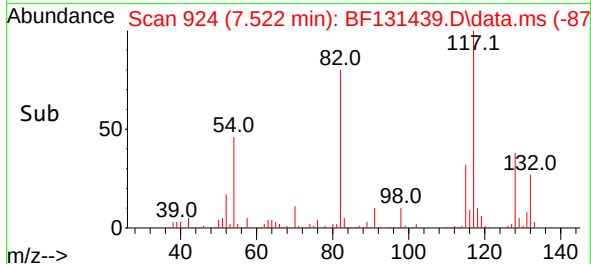
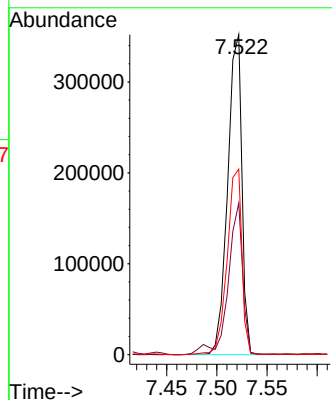
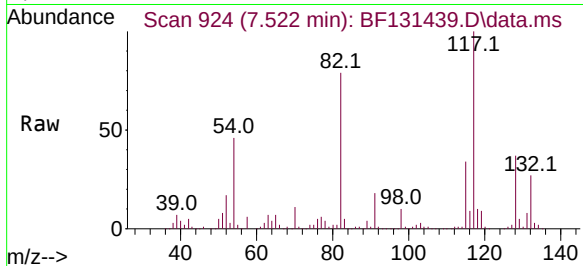




#23
Nitrobenzene-d5
Concen: 43.677 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

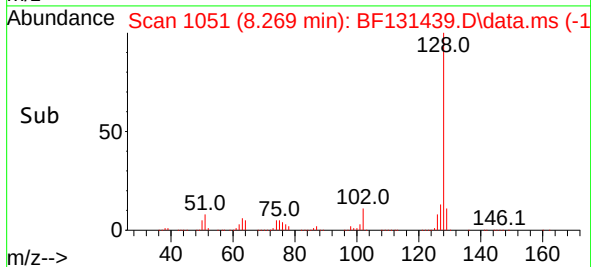
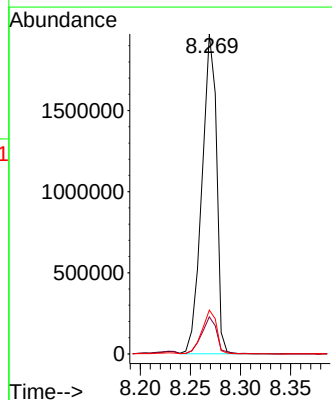
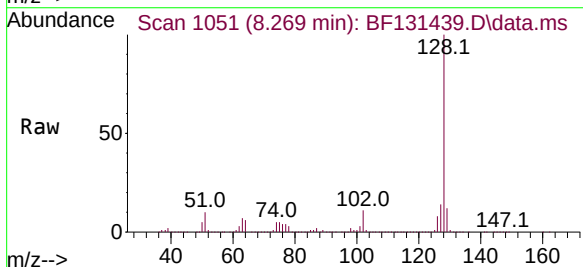
Instrument :
BNA_F
ClientSampleId :
MW-23DL

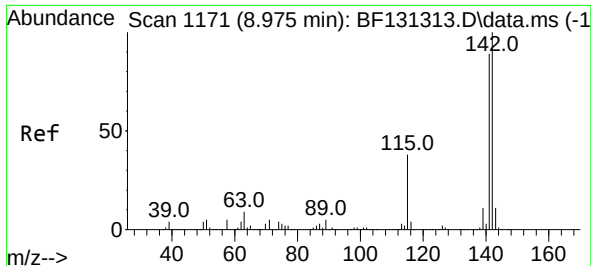
Tgt Ion: 82 Resp: 349031
Ion Ratio Lower Upper
82 100
128 47.3 31.4 47.0#
54 58.0 49.8 74.6



#31
Naphthalene
Concen: 92.844 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 128 Resp: 1993034
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 10.6 16.0





#37

2-Methylnaphthalene

Concen: 50.314 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

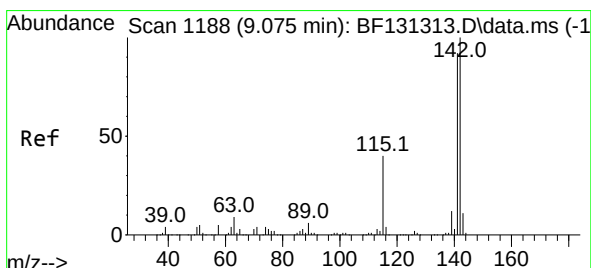
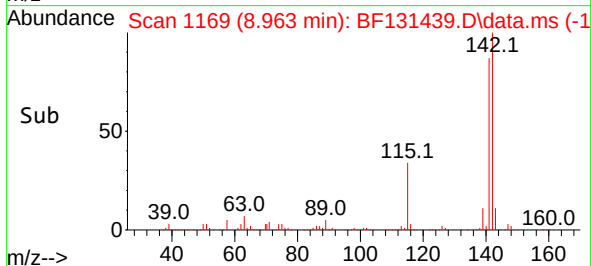
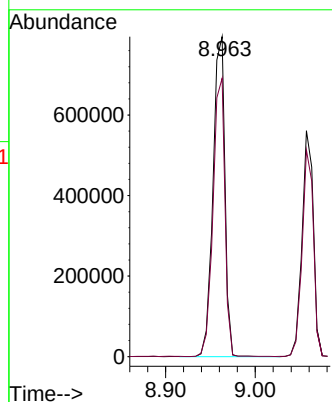
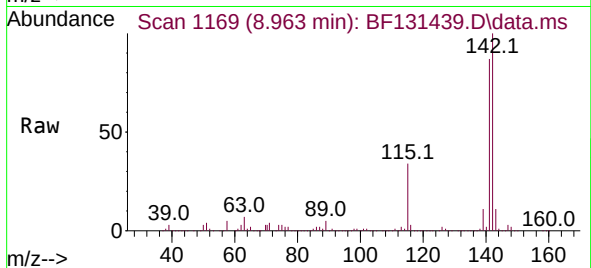
MW-23DL

Tgt Ion:142 Resp: 731810

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 34.889 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF131439.D

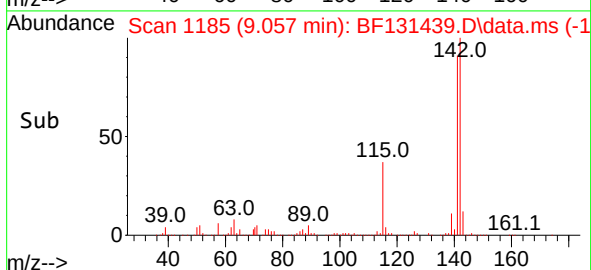
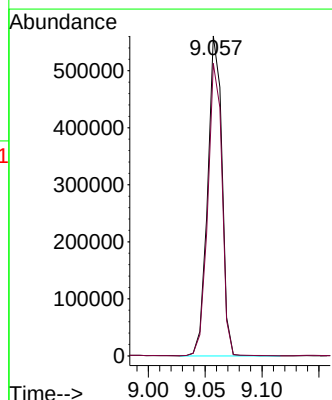
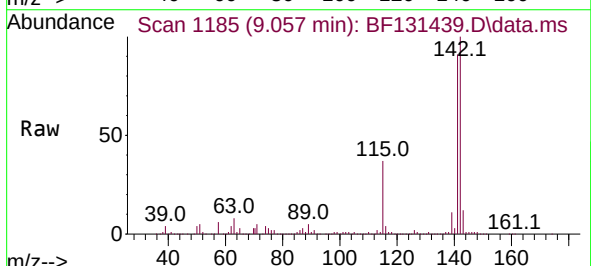
Acq: 28 Nov 2022 20:27

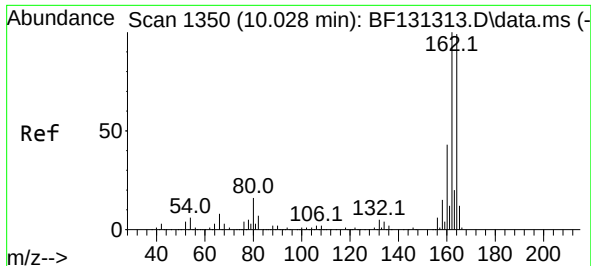
Tgt Ion:142 Resp: 492076

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.0

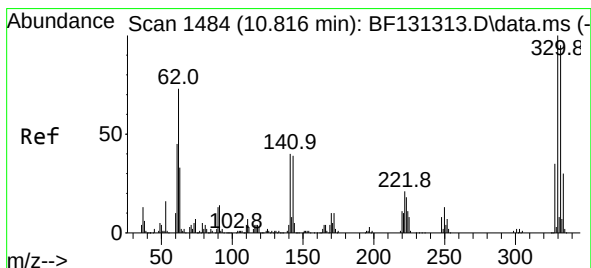
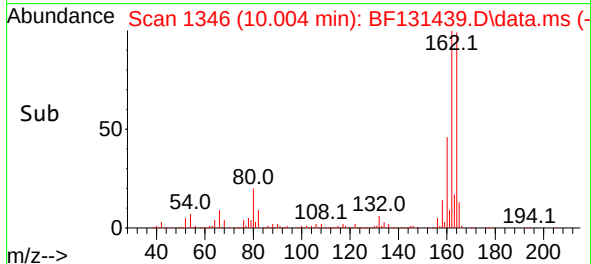
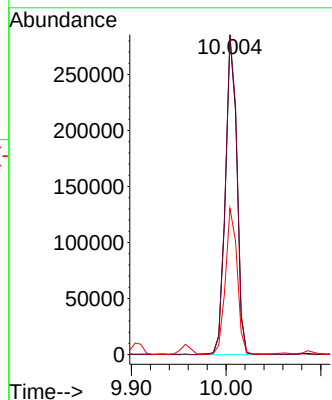
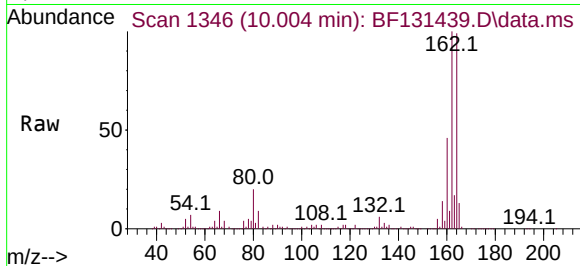




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

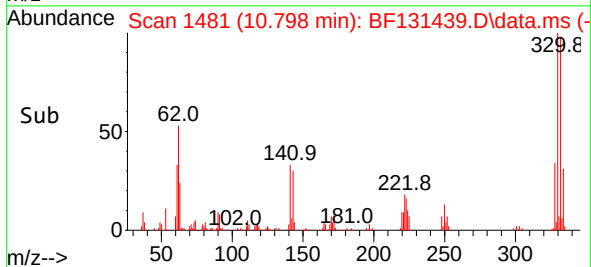
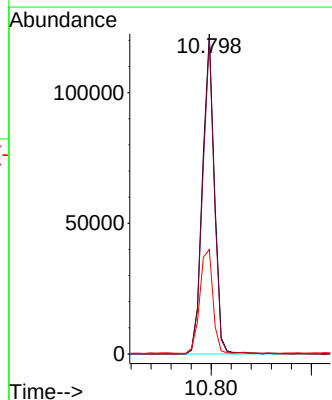
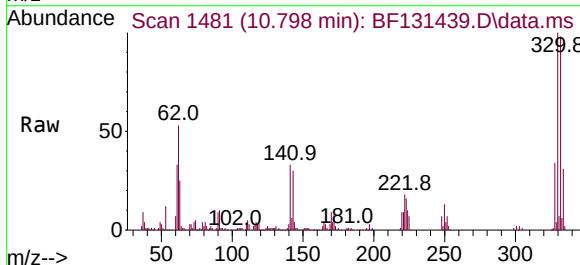
Instrument :
BNA_F
ClientSampleId :
MW-23DL

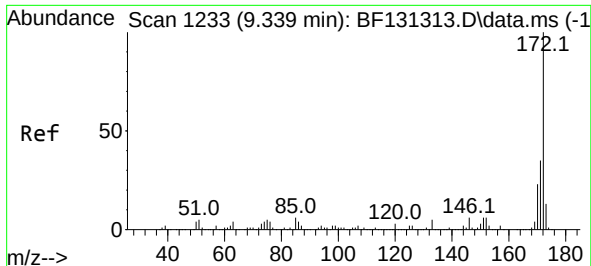
Tgt Ion:164 Resp: 237911
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 46.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 50.151 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:330 Resp: 100381
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 35.8 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 45.446 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

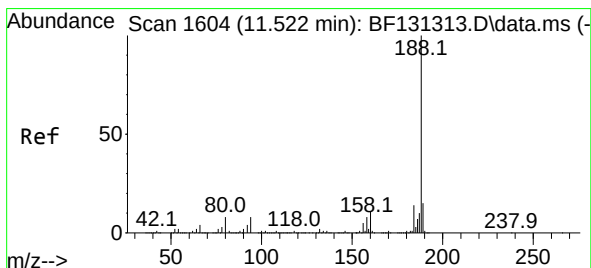
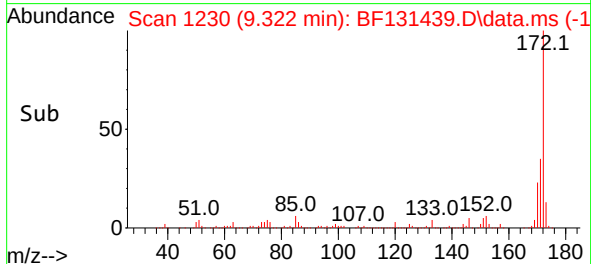
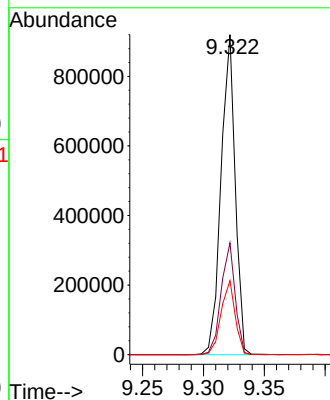
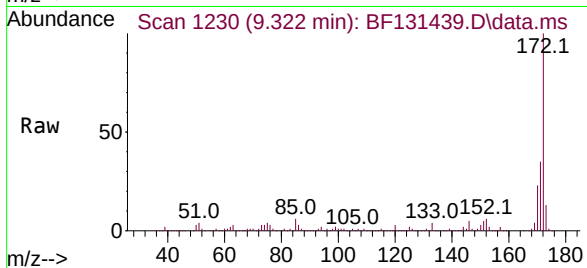
Tgt Ion:172 Resp: 743185

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

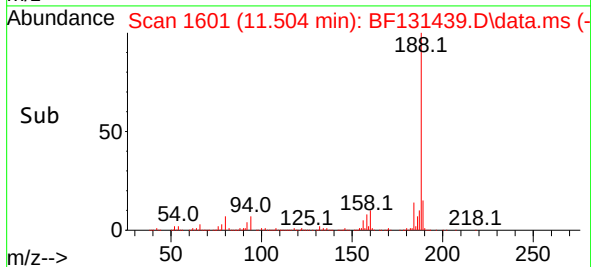
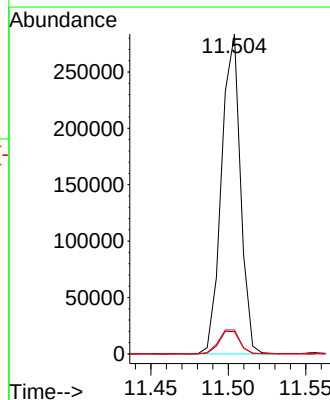
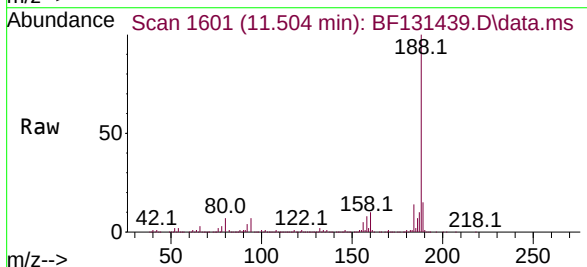
Tgt Ion:188 Resp: 242458

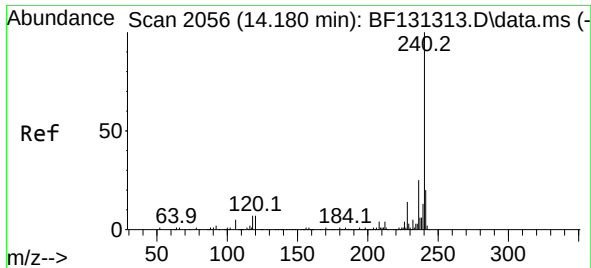
Ion Ratio Lower Upper

188 100

94 6.9 6.3 9.5

80 7.5 6.8 10.2

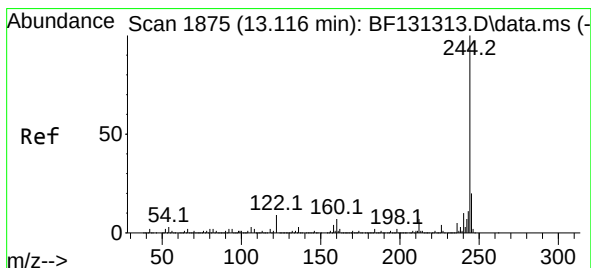
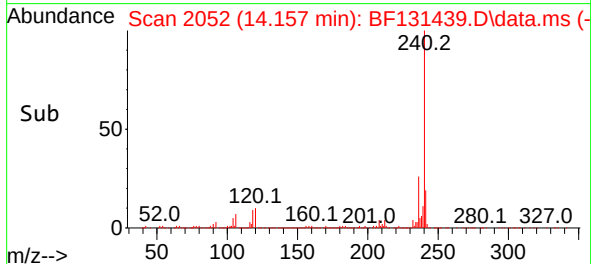
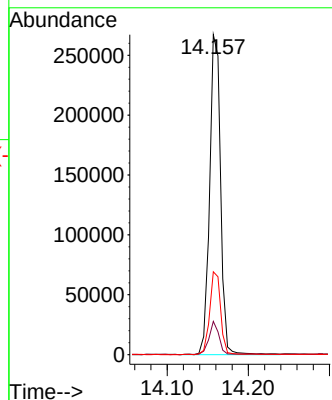
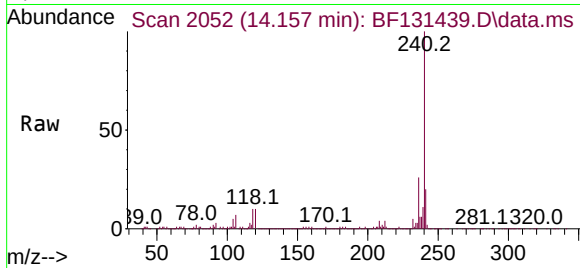




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

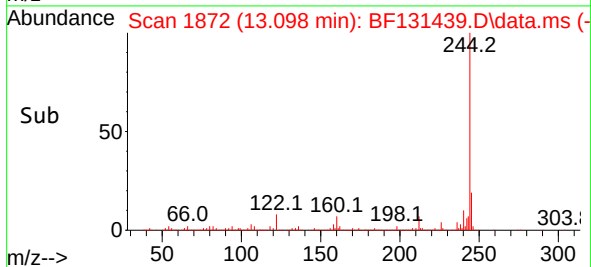
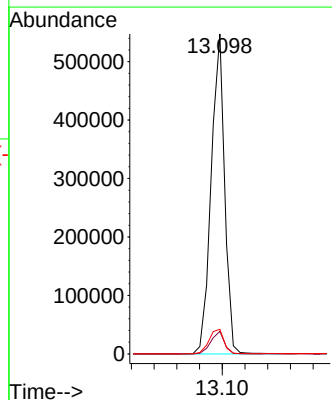
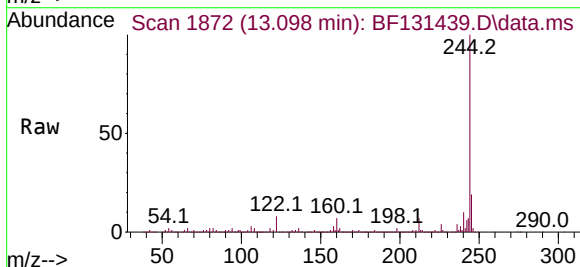
Instrument :
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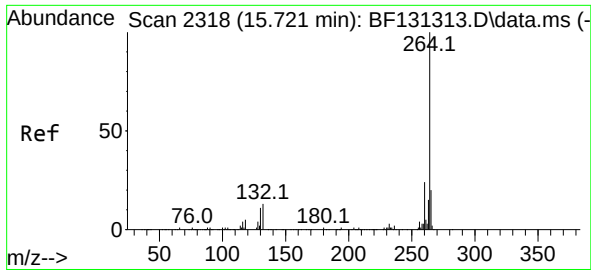
Tgt Ion:240 Resp: 251385
Ion Ratio Lower Upper
240 100
120 10.4 5.8 8.8#
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 29.382 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:244 Resp: 451688
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.7 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BF131439.D

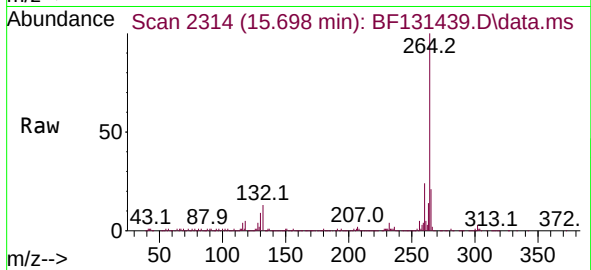
Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL



Tgt Ion:264 Resp: 182170

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.1 16.4 24.6

