

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130991.D
 Acq On : 04 Nov 2022 14:34
 Operator : CG\JU
 Sample : N5340-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102722

Quant Time: Nov 05 00:37:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

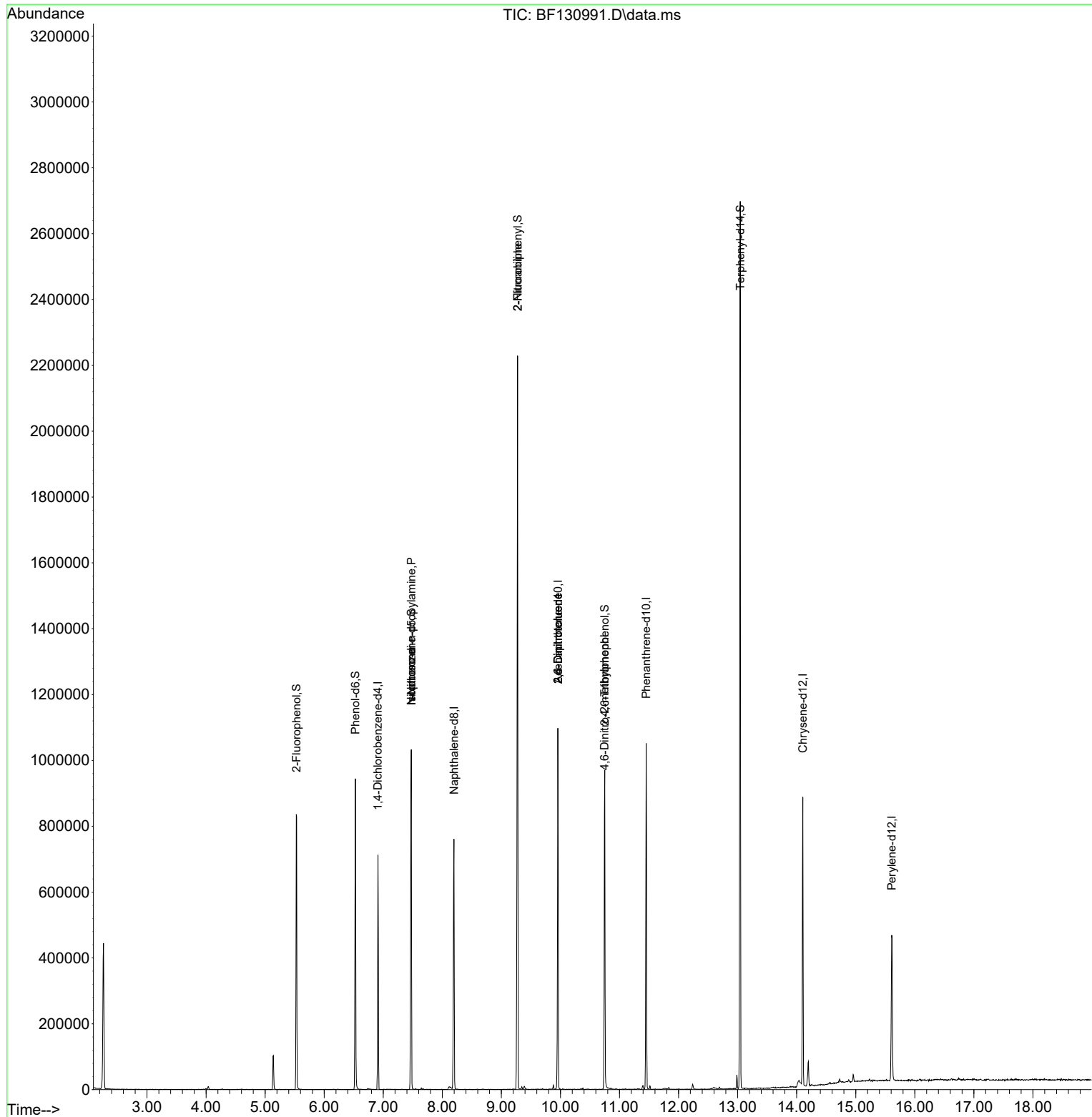
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	93246	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	357818	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	217605	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	364758	20.000	ng	0.00
76) Chrysene-d12	14.104	240	279196	20.000	ng	0.00
86) Perylene-d12	15.610	264	213380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	209005	38.858	ng	0.00
7) Phenol-d6	6.528	99	272153	38.937	ng	-0.01
23) Nitrobenzene-d5	7.475	82	347361	58.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	112400	61.361	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	682229	47.400	ng	0.00
79) Terphenyl-d14	13.045	244	894546	58.712	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	47398	9.967	ng	# 75
25) Isophorone	7.475	82	347232	28.376	ng	# 66
48) 2-Nitroaniline	9.275	65	1607	4.514	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	29015	12.407	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	29015	11.207	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	186	8.030	ng	# 1

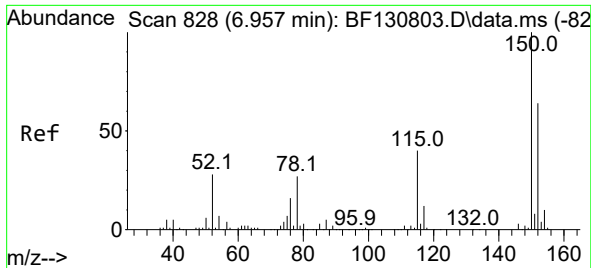
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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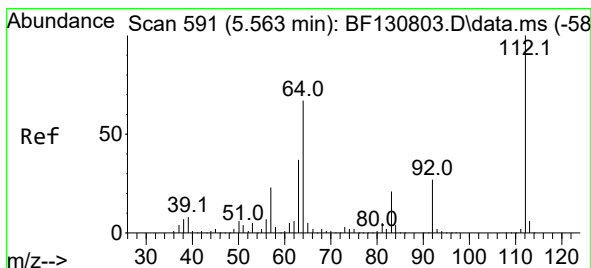
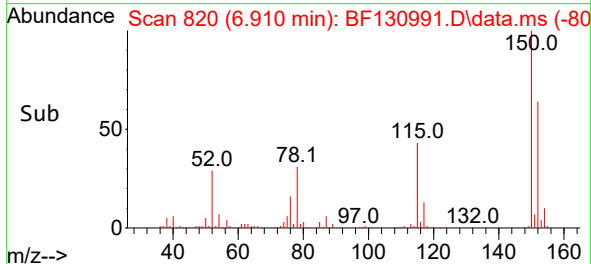
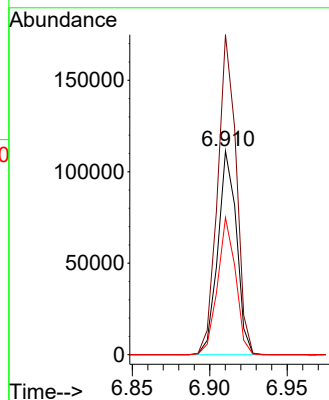
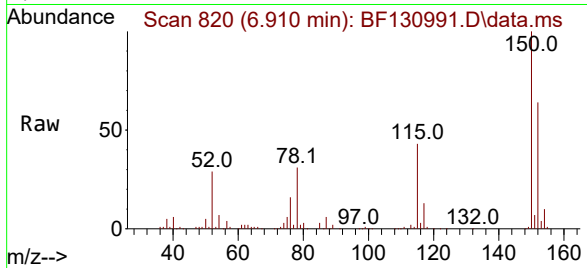




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

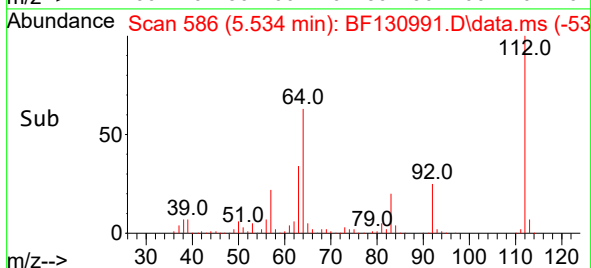
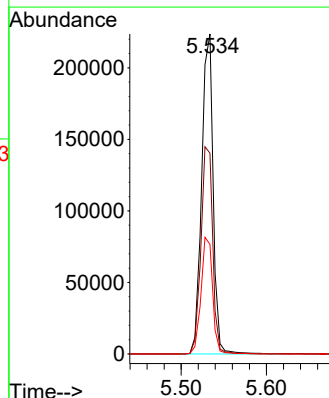
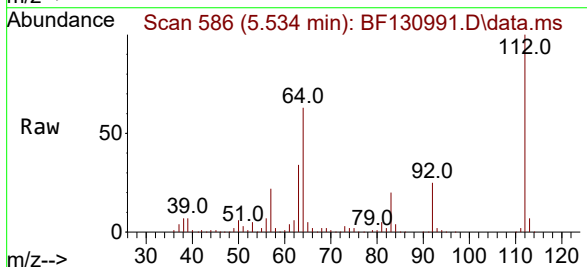
Instrument :
BNA_F
ClientSampleId :
MW-6-102722

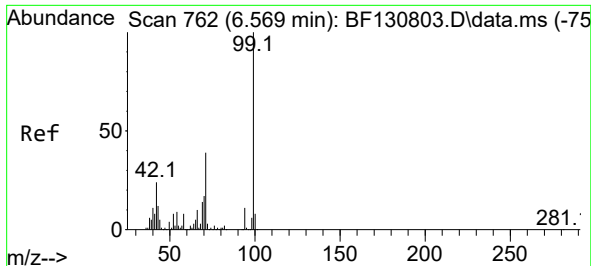
Tgt Ion:152 Resp: 93246
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 67.3 50.1 75.1



#5
2-Fluorophenol
Concen: 38.858 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion:112 Resp: 209005
Ion Ratio Lower Upper
112 100
64 62.8 53.9 80.9
63 34.2 29.4 44.2

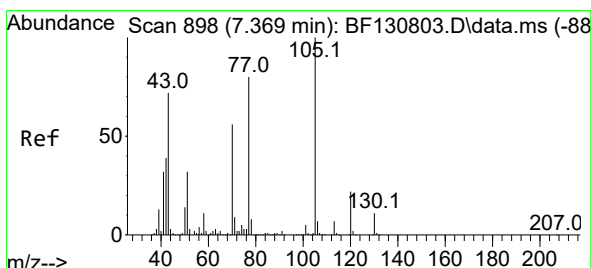
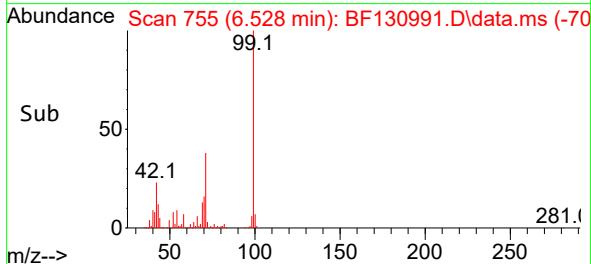
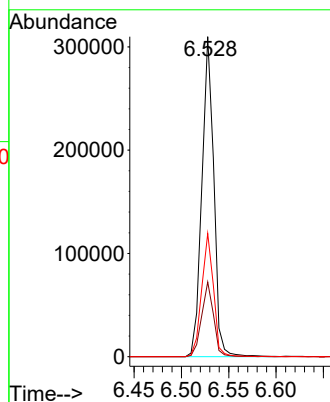
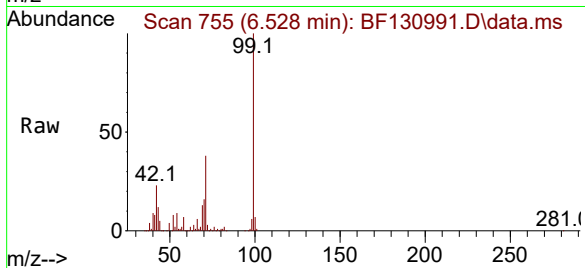




#7
Phenol-d6
Concen: 38.937 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

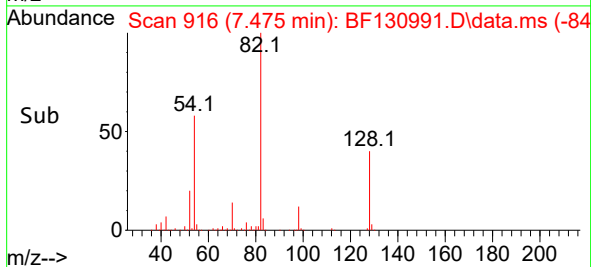
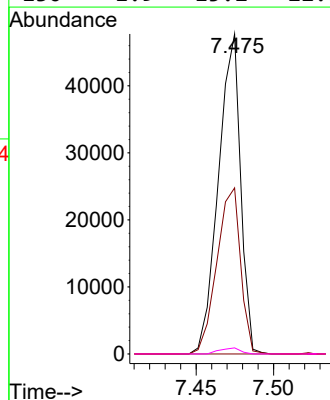
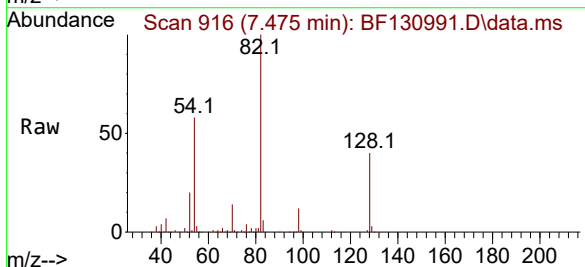
Instrument :
BNA_F
ClientSampleId :
MW-6-102722

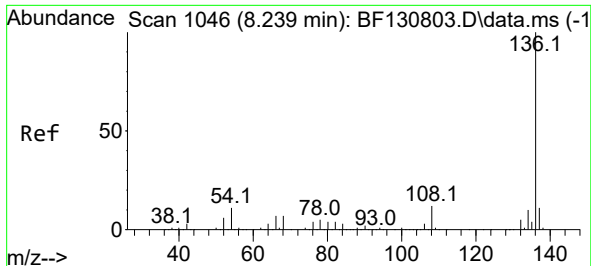
Tgt Ion: 99 Resp: 272153
Ion Ratio Lower Upper
99 100
42 23.4 18.8 28.2
71 38.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.967 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion: 70 Resp: 47398
Ion Ratio Lower Upper
70 100
42 51.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

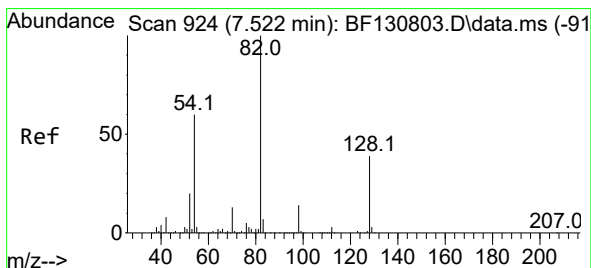
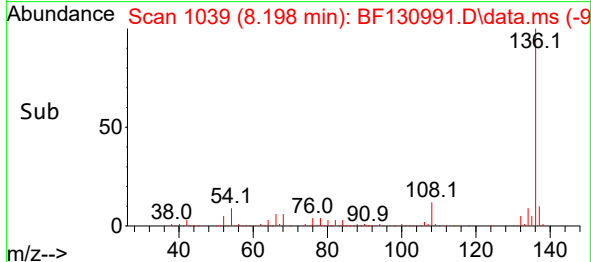
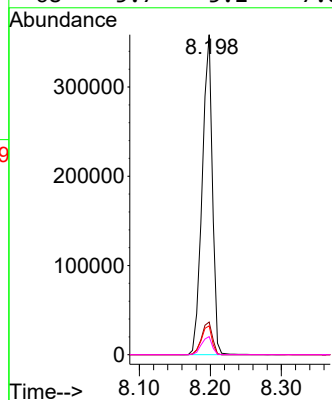
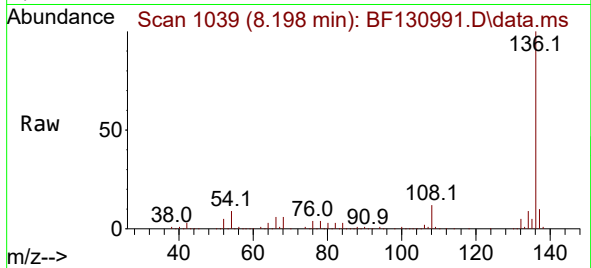




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

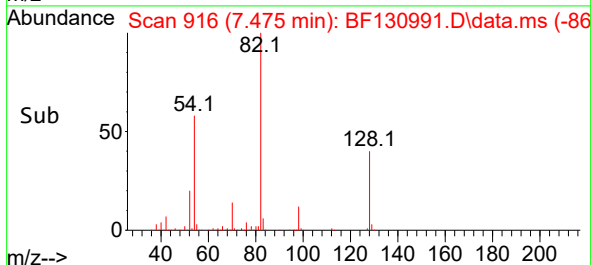
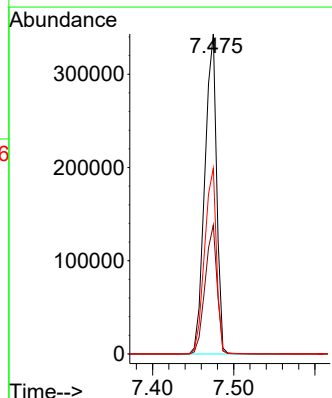
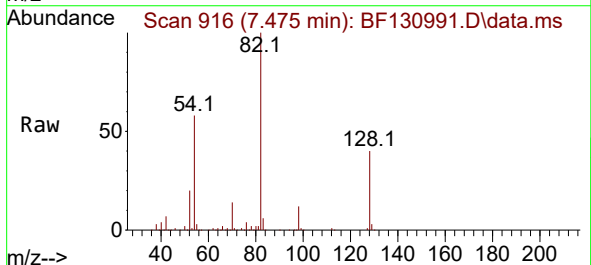
Instrument :
BNA_F
ClientSampleId :
MW-6-102722

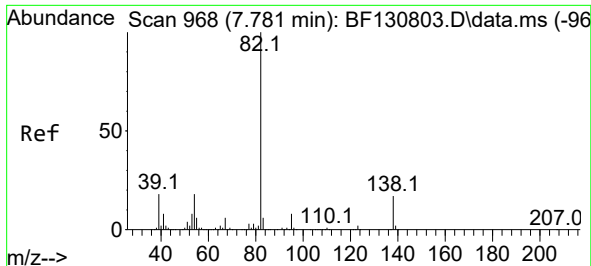
Tgt Ion:	136	Resp:	357818
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	9.0	8.8	13.2
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 58.537 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion:	82	Resp:	347361
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.2	46.8
54	58.0	48.0	72.0

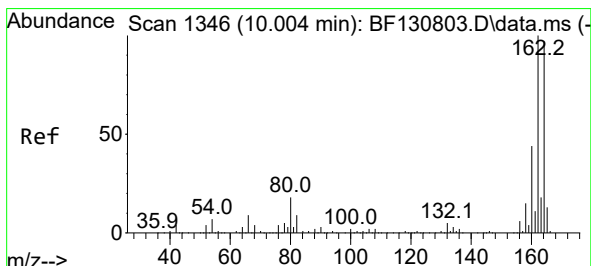
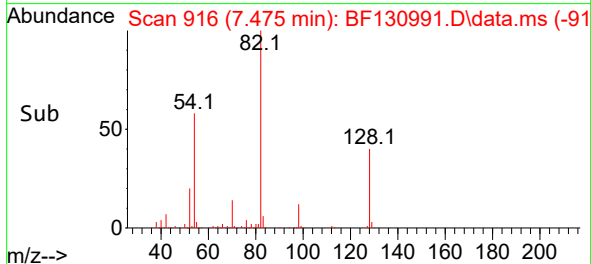
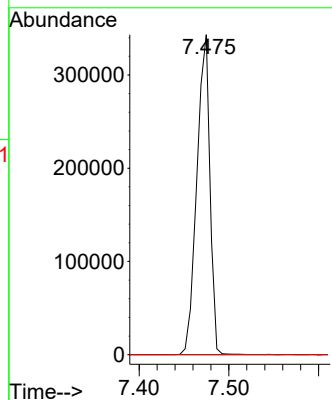
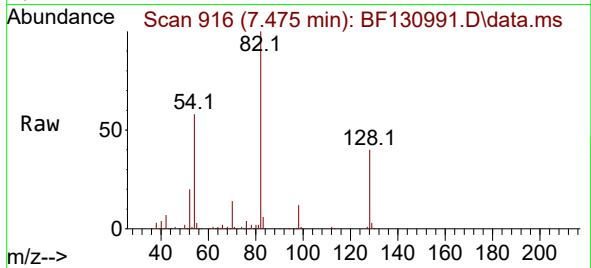




#25
Isophorone
Concen: 28.376 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

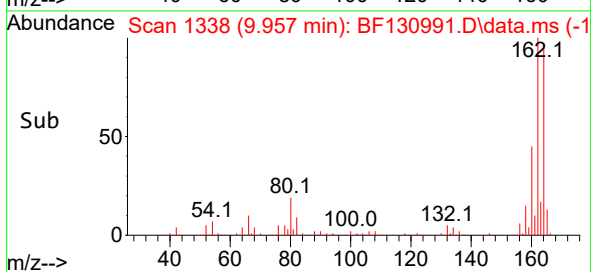
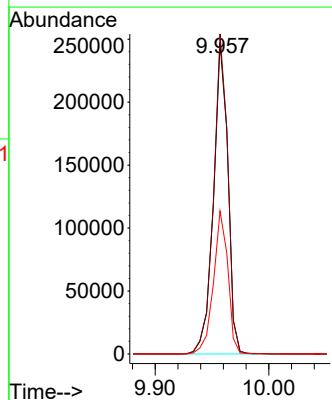
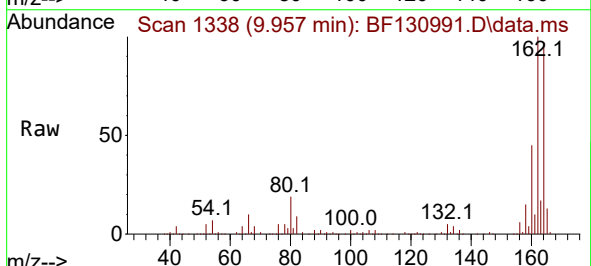
Instrument :
BNA_F
ClientSampleId :
MW-6-102722

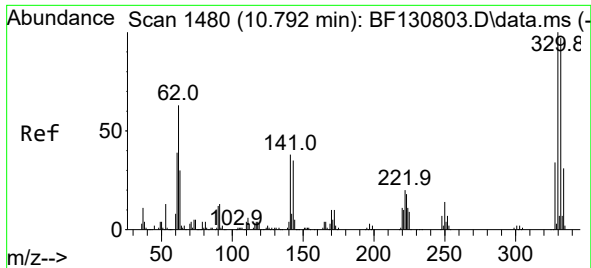
Tgt Ion: 82 Resp: 347232
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion: 164 Resp: 217605
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 46.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 61.361 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130991.D

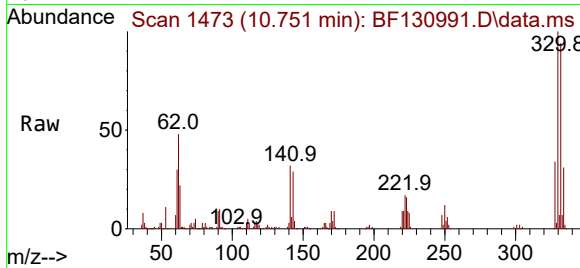
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Instrument :

BNA_F

ClientSampleId :

MW-6-102722



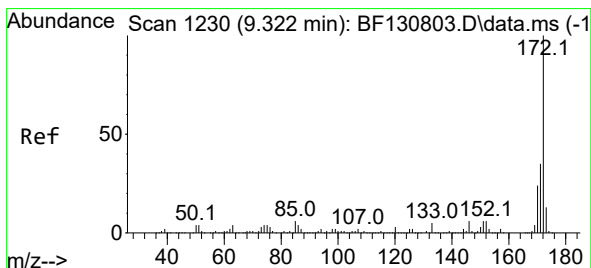
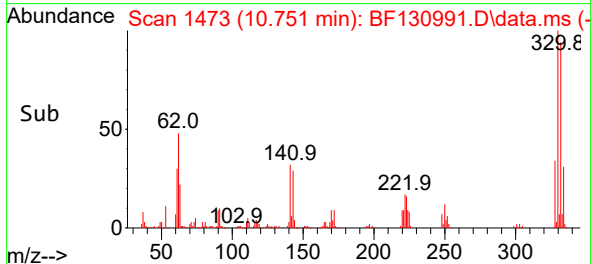
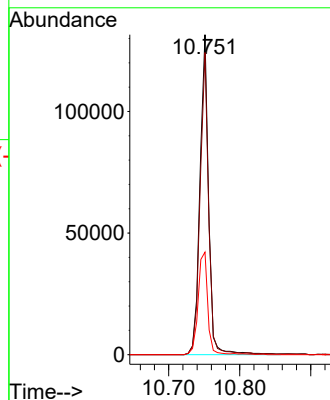
Tgt Ion:330 Resp: 112400

Ion Ratio Lower Upper

330 100

332 92.4 76.2 114.4

141 35.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 47.400 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF130991.D

Acq: 04 Nov 2022 14:34

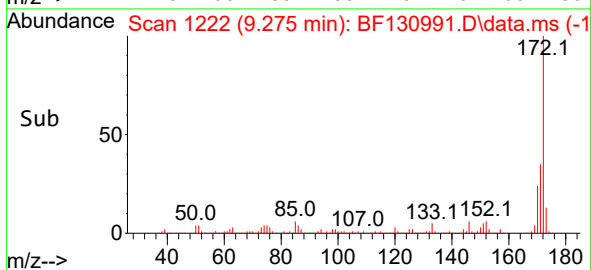
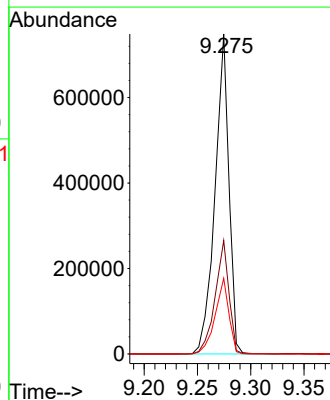
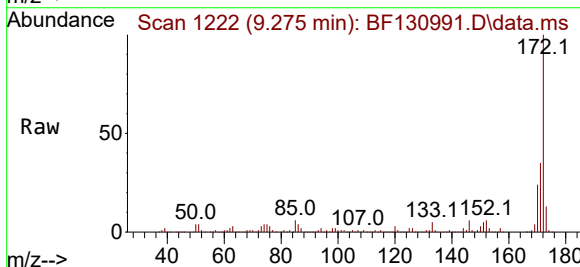
Tgt Ion:172 Resp: 682229

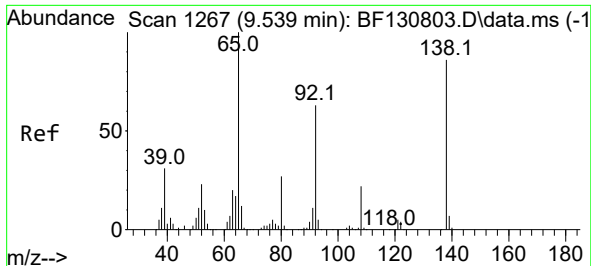
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.6 19.0 28.4

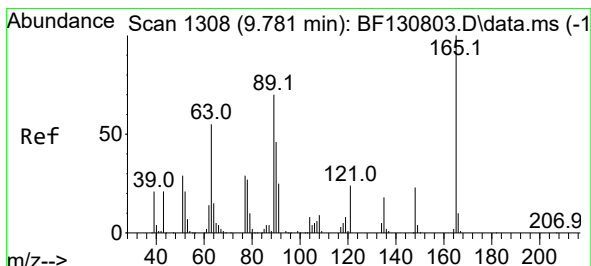
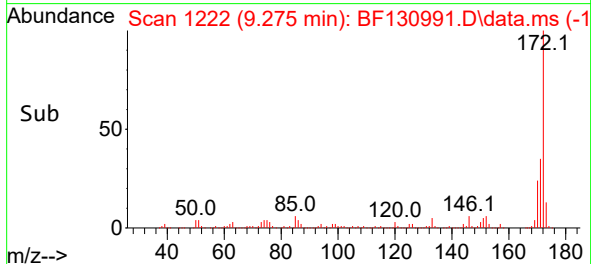
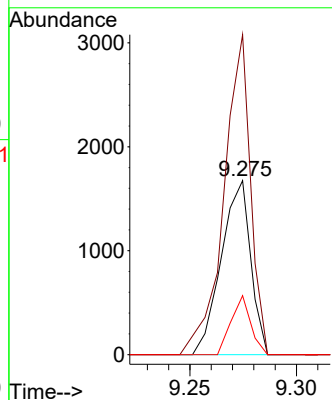
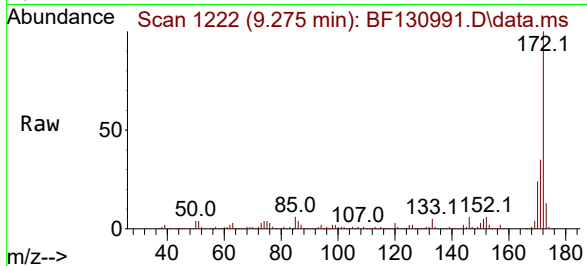




#48
2-Nitroaniline
Concen: 4.514 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

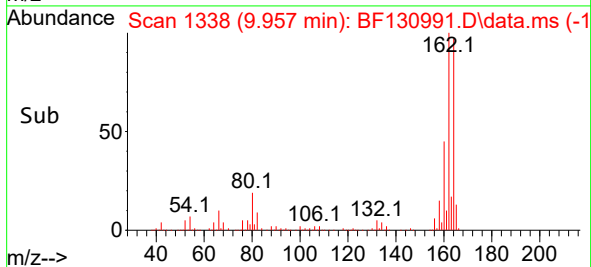
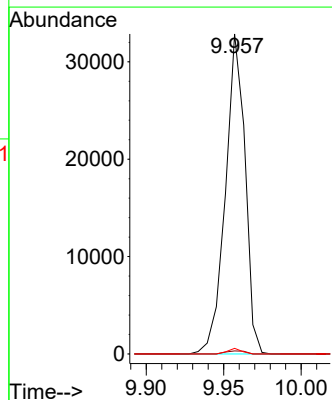
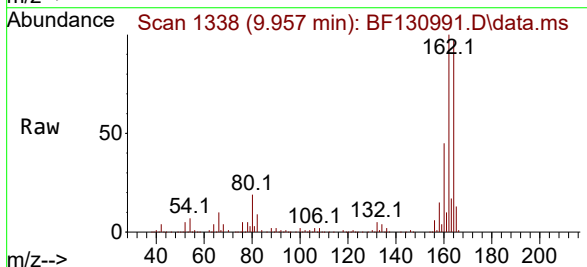
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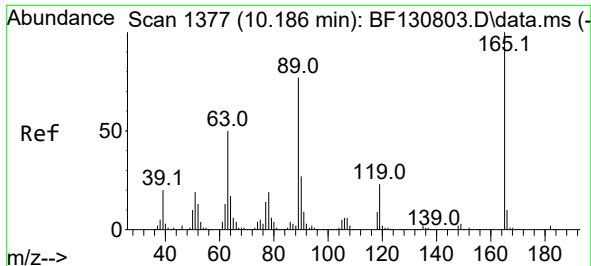
Tgt Ion: 65 Resp: 1607
Ion Ratio Lower Upper
65 100
92 183.9 50.1 75.1#
138 33.9 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.407 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion: 165 Resp: 29015
Ion Ratio Lower Upper
165 100
63 1.0 61.8 92.8#
89 1.8 56.2 84.4#

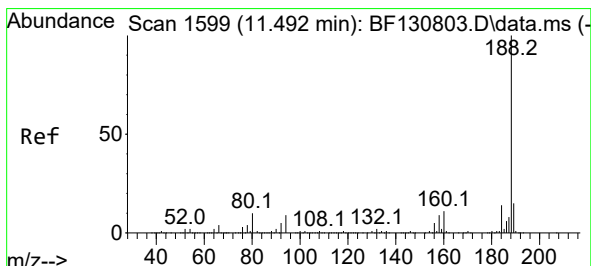
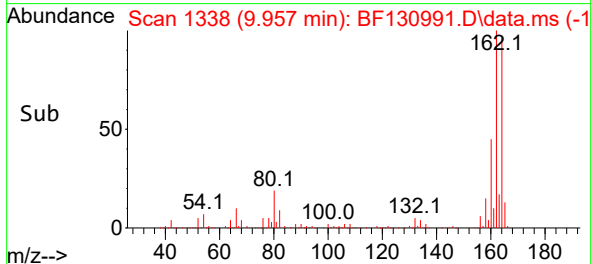
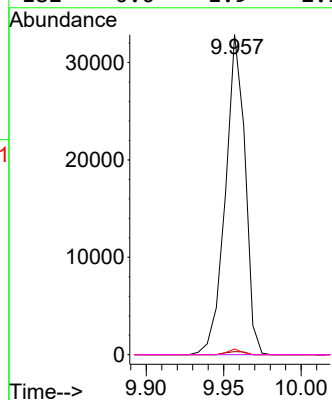
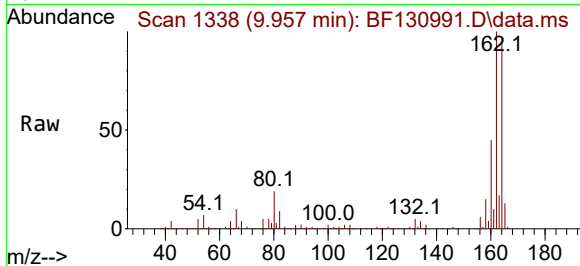




#57
2,4-Dinitrotoluene
Concen: 11.207 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

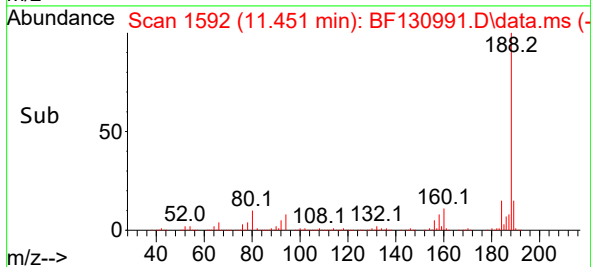
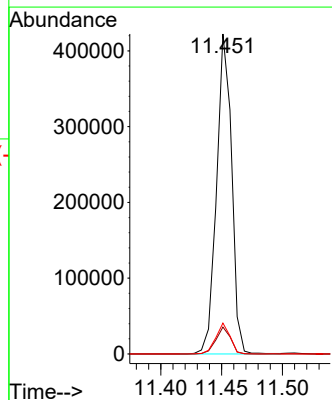
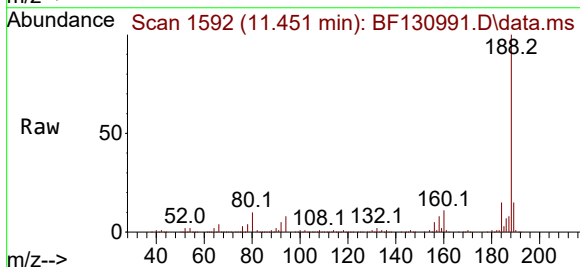
Instrument :
BNA_F
ClientSampleId :
MW-6-102722

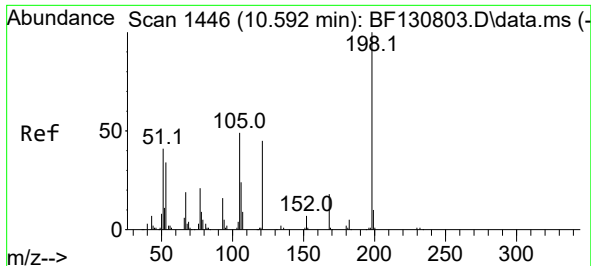
Tgt Ion:165 Resp: 29015
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.8 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF130991.D
Acq: 04 Nov 2022 14:34

Tgt Ion:188 Resp: 364758
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.7 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.030 ng

RT: 10.745 min Scan# 1446

Delta R.T. 0.182 min

Lab File: BF130991.D

Acq: 04 Nov 2022 14:34

Instrument :

BNA_F

ClientSampleId :

MW-6-102722

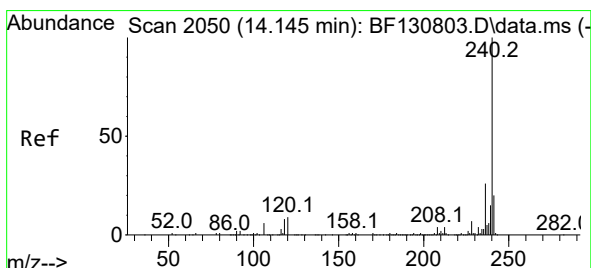
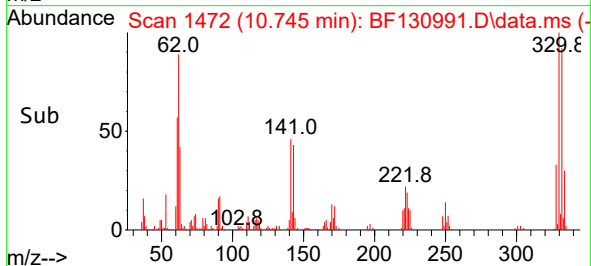
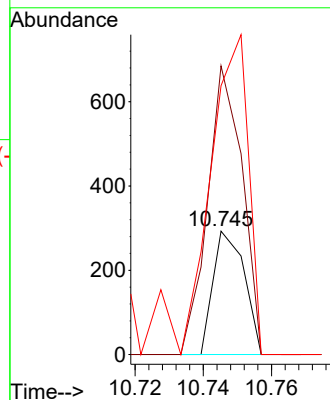
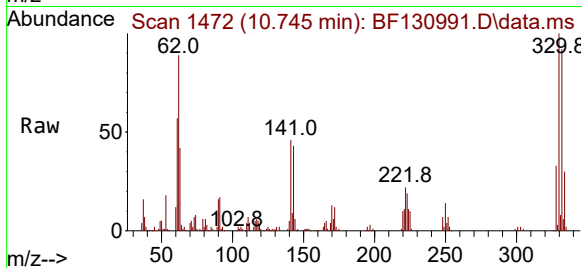
Tgt Ion:198 Resp: 186

Ion Ratio Lower Upper

198 100

51 233.8 39.0 79.0#

105 217.7 30.6 70.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BF130991.D

Acq: 04 Nov 2022 14:34

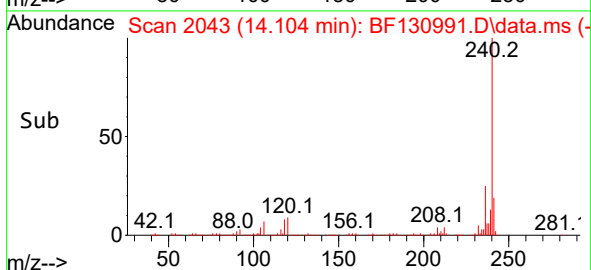
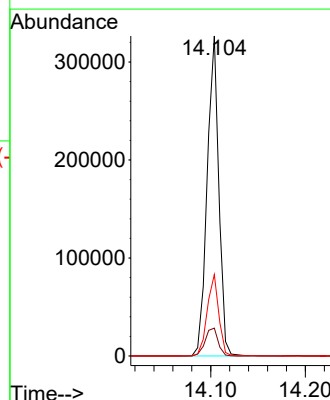
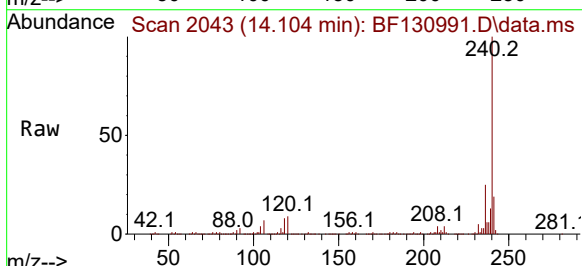
Tgt Ion:240 Resp: 279196

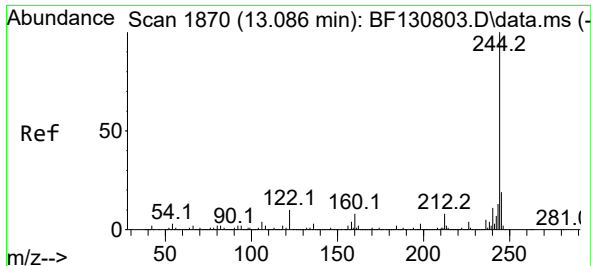
Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.4

236 25.4 20.5 30.7

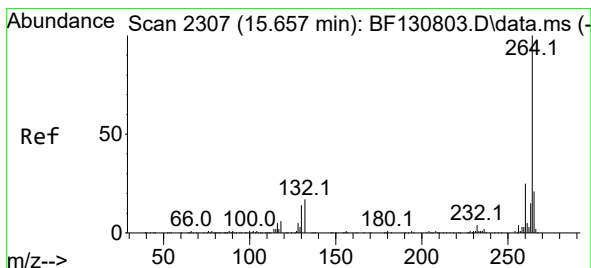
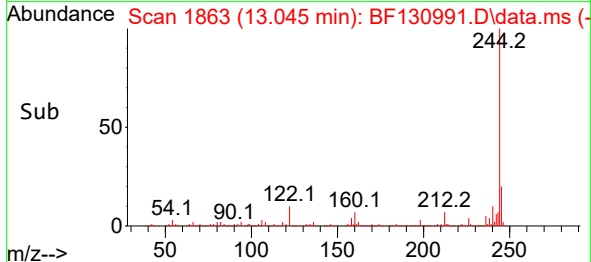
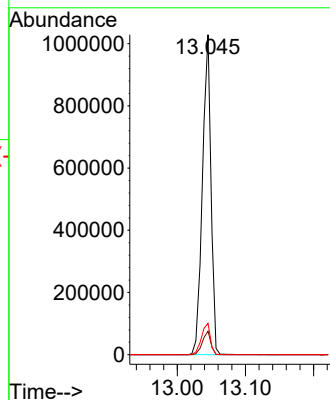
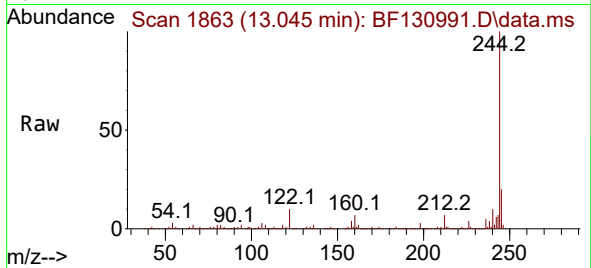




#79
 Terphenyl-d14
 Concen: 58.712 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130991.D
 Acq: 04 Nov 2022 14:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-102722

Tgt Ion:244 Resp: 894546
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: BF130991.D
 Acq: 04 Nov 2022 14:34

Tgt Ion:264 Resp: 213380
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.9 29.9
 265 21.5 17.0 25.6

