

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136594.D
 Acq On : 15 Dec 2023 15:53
 Operator : CG\JU
 Sample : 05622-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Dec 16 02:03:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

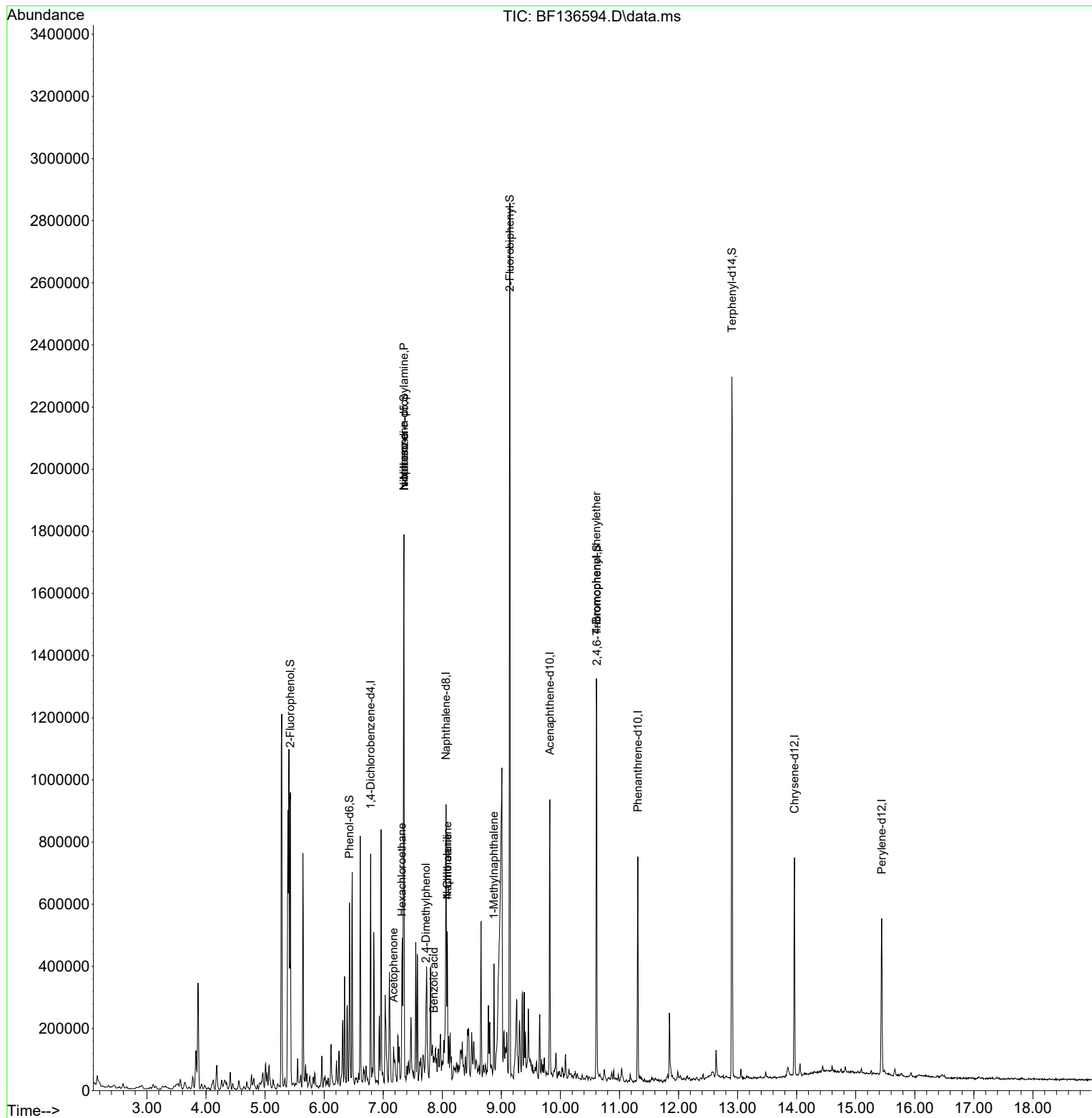
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96725	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	348578	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	160902	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	248323	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227894	20.000	ng	0.00
86) Perylene-d12	15.439	264	232028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	286380	43.725	ng	0.00
7) Phenol-d6	6.428	99	200158	24.495	ng	0.00
23) Nitrobenzene-d5	7.351	82	471314	73.095	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	174853	88.134	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	888090	75.313	ng	0.00
79) Terphenyl-d14	12.904	244	855271	49.465	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.316	117	27714	9.732	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	59598	12.643	ng	# 75
22) Acetophenone	7.175	105	48539	5.639	ng	# 59
25) Isophorone	7.351	82	466162	40.241	ng	# 65
27) 2,4-Dimethylphenol	7.722	122	47262	12.020	ng	96
31) Naphthalene	8.087	128	142655	7.421	ng	98
32) Benzoic acid	7.857	122	15209	3.899	ng	# 18
33) 4-Chloroaniline	8.087	127	20975	3.061	ng	# 42
38) 1-Methylnaphthalene	8.875	142	44869	3.739	ng	96
67) 4-Bromophenyl-phenylether	10.610	248	10339	3.581	ng	# 1
77) Benzidine	12.504	184	587	Below Cal		# 65

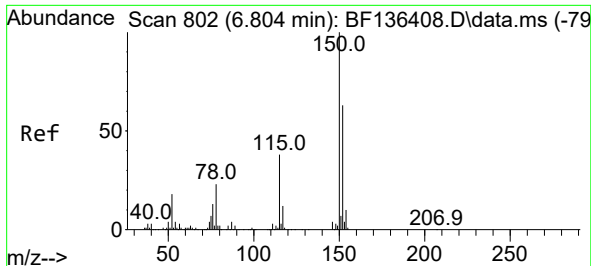
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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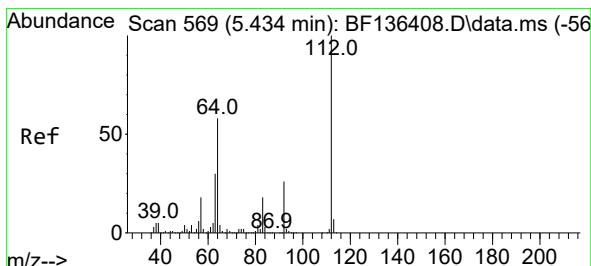
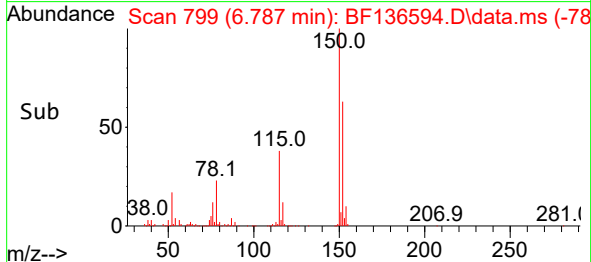
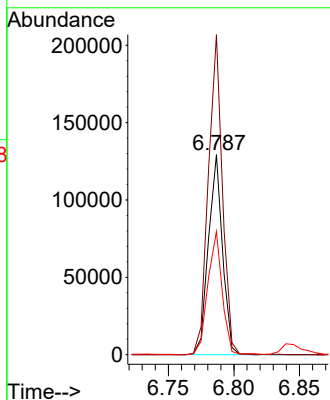
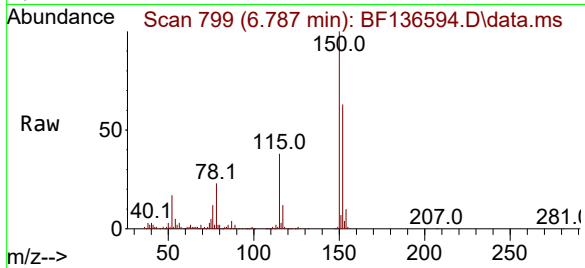




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136594.D
 Acq: 15 Dec 2023 15:53

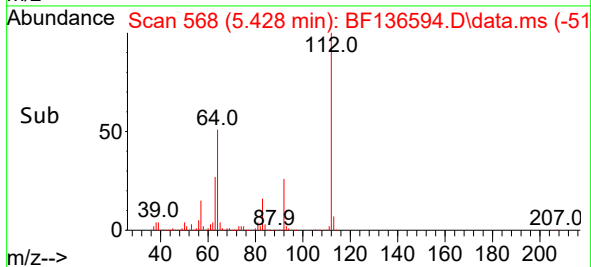
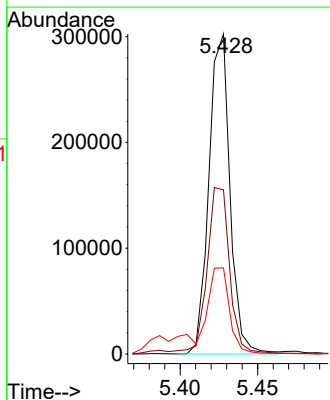
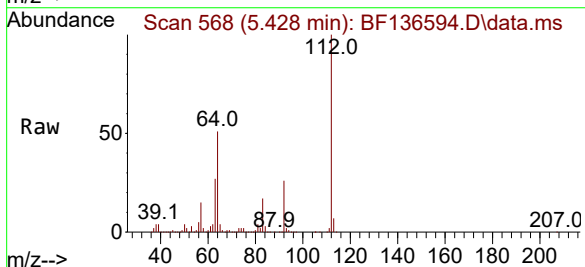
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

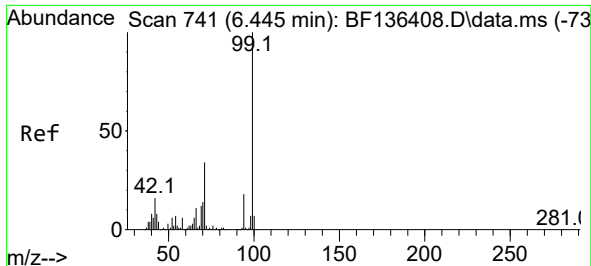
Tgt Ion:152 Resp: 96725
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.4 189.6
 115 61.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 43.725 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF136594.D
 Acq: 15 Dec 2023 15:53

Tgt Ion:112 Resp: 286380
 Ion Ratio Lower Upper
 112 100
 64 51.3 46.5 69.7
 63 26.9 23.9 35.9

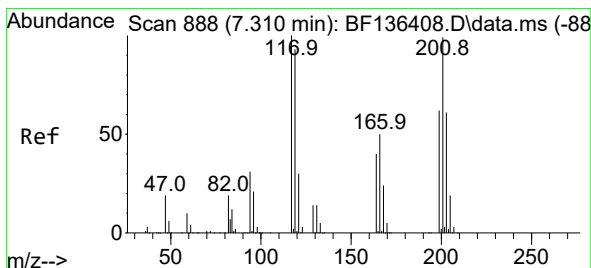
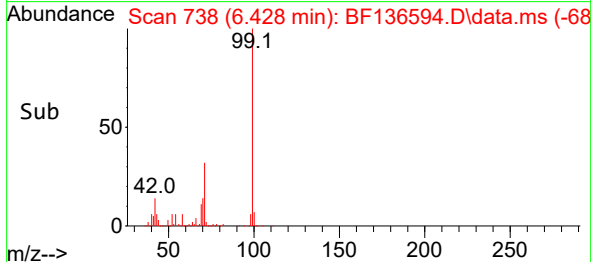
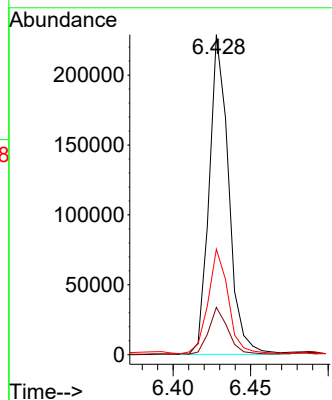
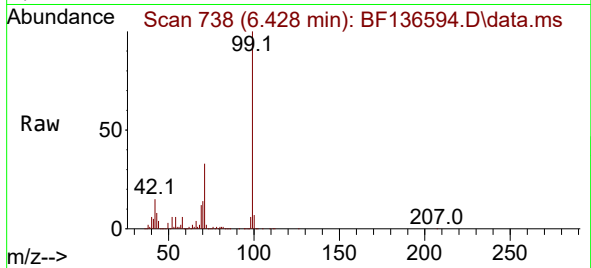




#7
Phenol-d6
Concen: 24.495 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

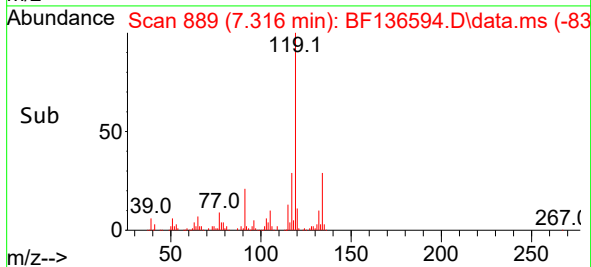
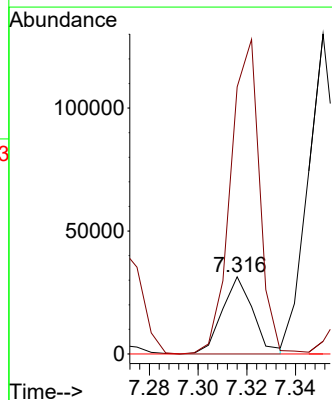
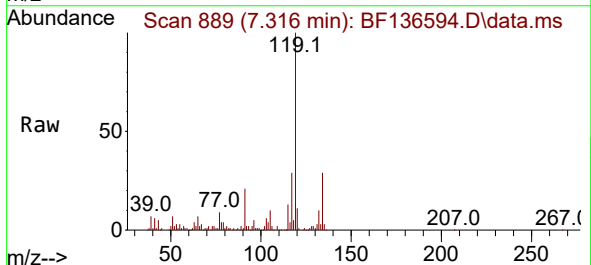
Instrument :
BNA_F
ClientSampleId :
MW-6

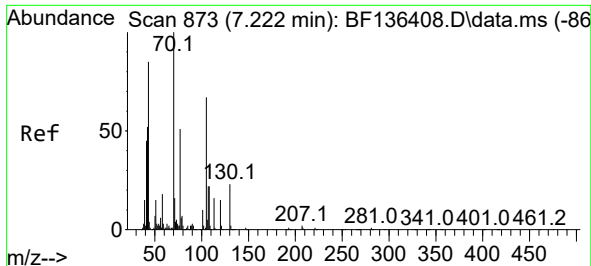
Tgt Ion: 99 Resp: 200158
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.0 27.0 40.4



#18
Hexachloroethane
Concen: 9.732 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion: 117 Resp: 27714
Ion Ratio Lower Upper
117 100
119 346.3 74.3 111.5#
201 0.0 79.3 118.9#





#19

n-Nitroso-di-n-propylamine

Concen: 12.643 ng

RT: 7.351 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion: 70 Resp: 59598

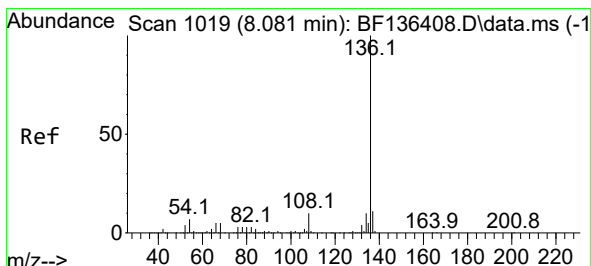
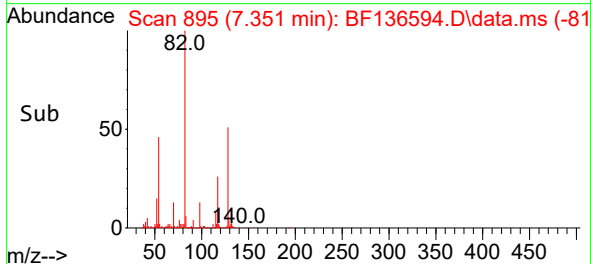
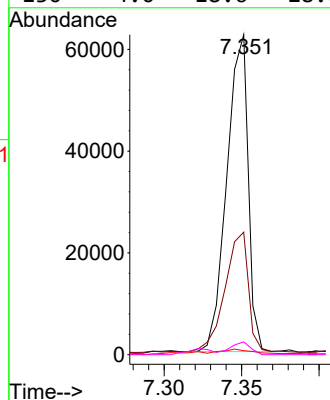
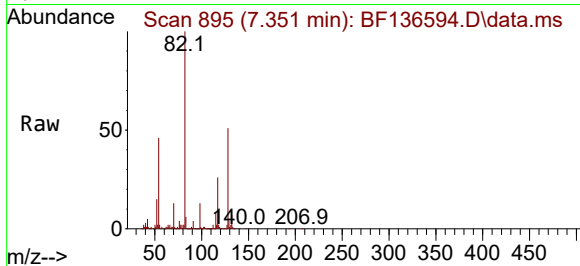
Ion Ratio Lower Upper

70 100

42 38.3 41.4 62.0#

101 1.2 8.2 12.4#

130 4.0 18.6 28.0#



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Tgt Ion:136 Resp: 348578

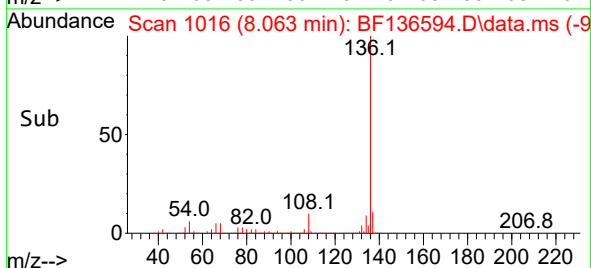
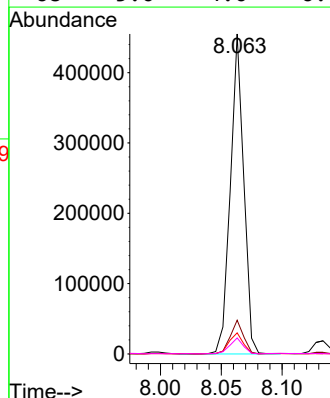
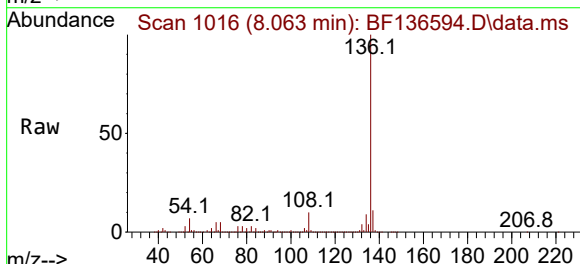
Ion Ratio Lower Upper

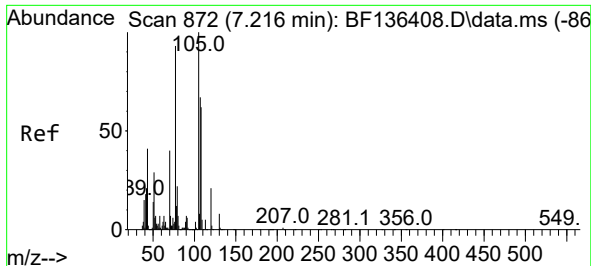
136 100

137 10.6 8.6 12.8

54 6.6 5.7 8.5

68 5.0 4.0 6.0

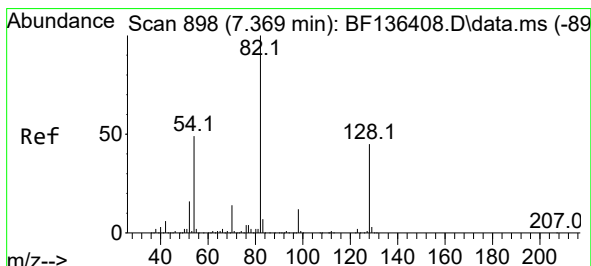
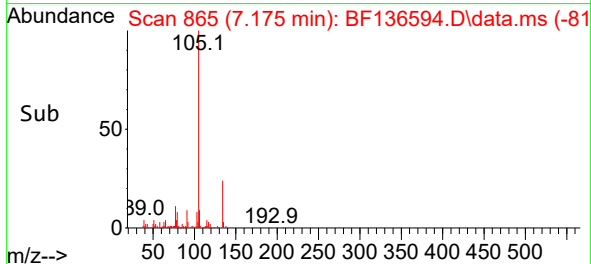
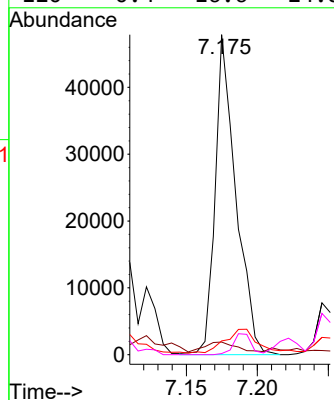
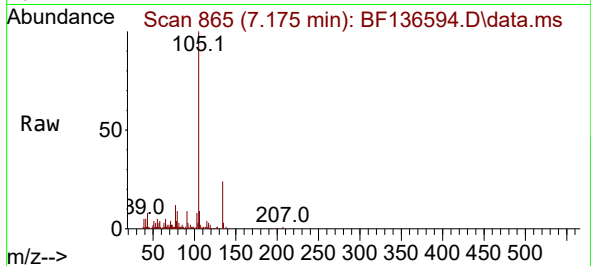




#22
Acetophenone
Concen: 5.639 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

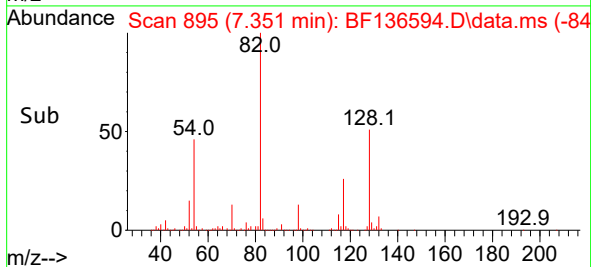
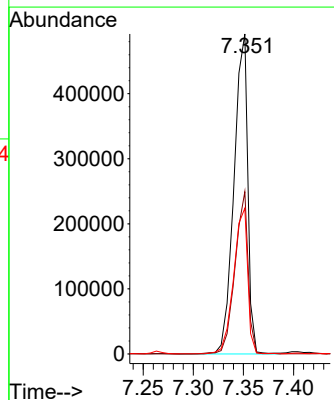
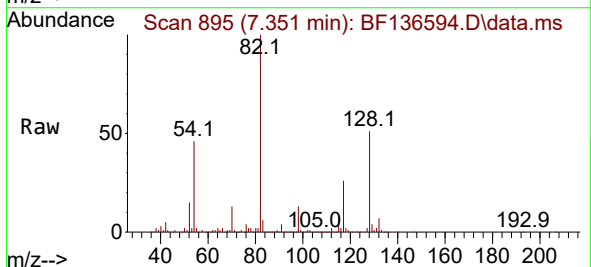
Instrument :
BNA_F
ClientSampleId :
MW-6

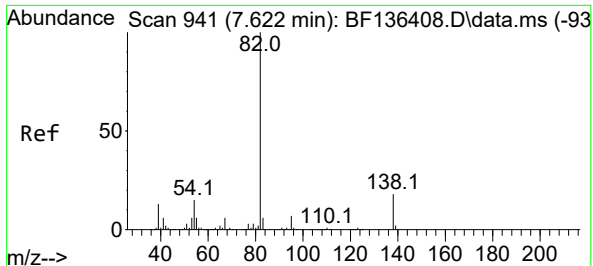
Tgt Ion:105 Resp: 48539
Ion Ratio Lower Upper
105 100
71 3.9 5.4 8.0#
51 4.3 23.4 35.2#
120 0.4 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 73.095 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion: 82 Resp: 471314
Ion Ratio Lower Upper
82 100
128 50.7 36.3 54.5
54 45.6 39.0 58.6

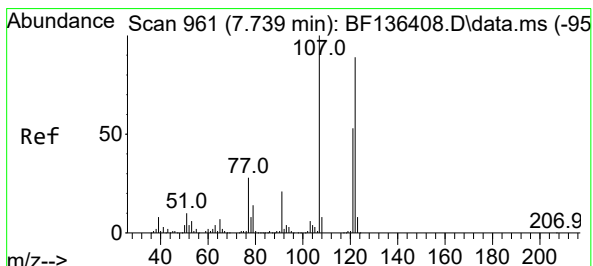
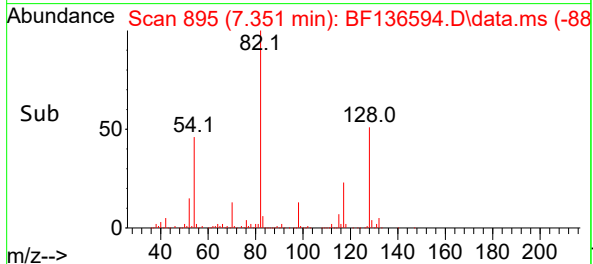
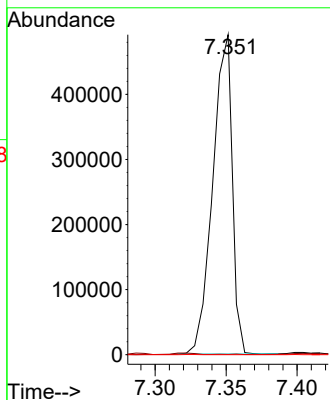
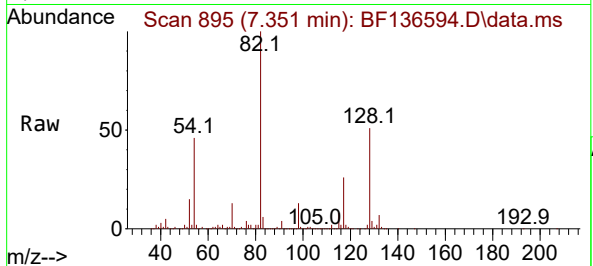




#25
Isophorone
Concen: 40.241 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

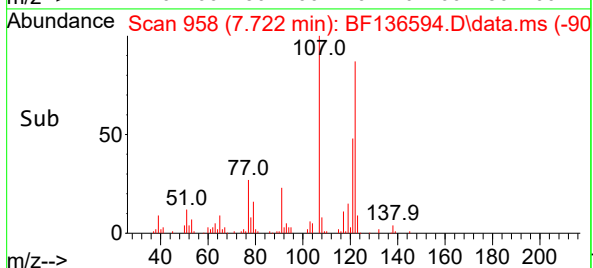
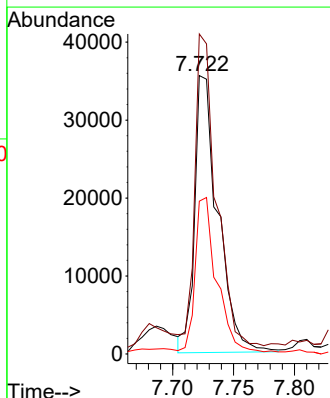
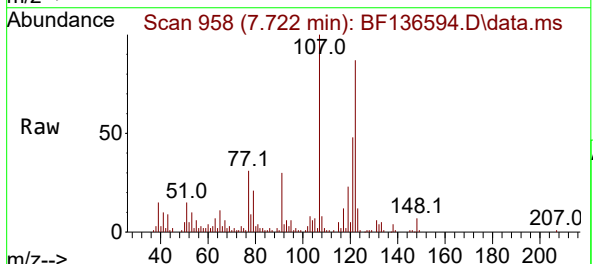
Instrument :
BNA_F
ClientSampleId :
MW-6

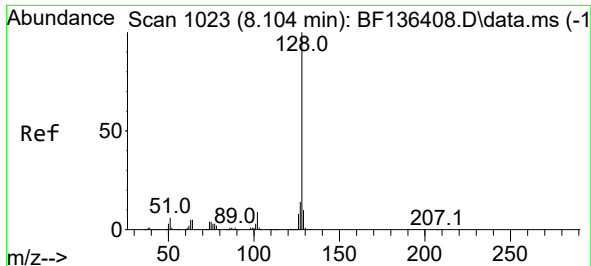
Tgt Ion: 82 Resp: 466162
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.5 21.7#



#27
2,4-Dimethylphenol
Concen: 12.020 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion: 122 Resp: 47262
Ion Ratio Lower Upper
122 100
107 114.9 89.3 133.9
121 54.9 47.6 71.4

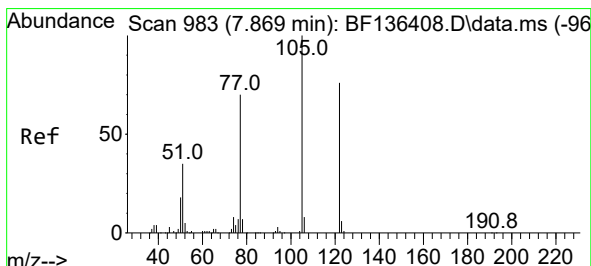
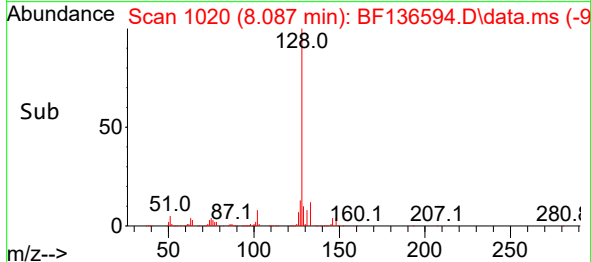
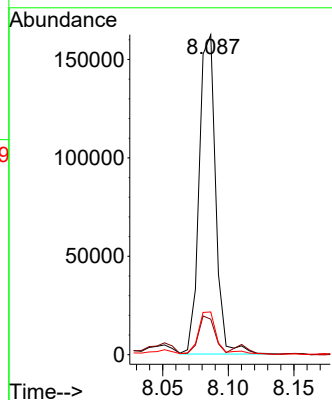
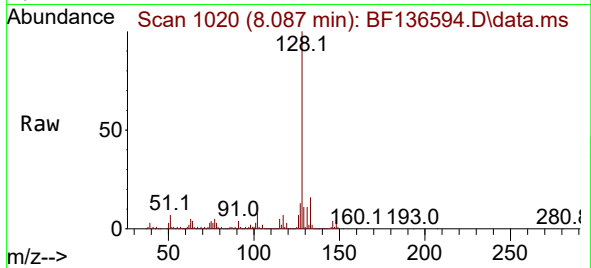




#31
Naphthalene
Concen: 7.421 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

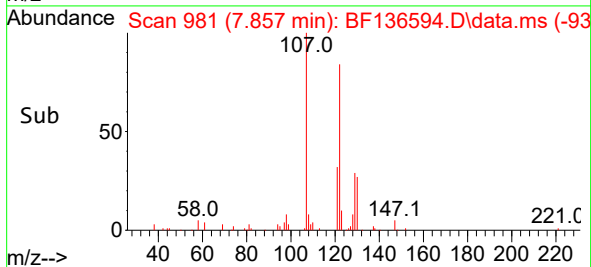
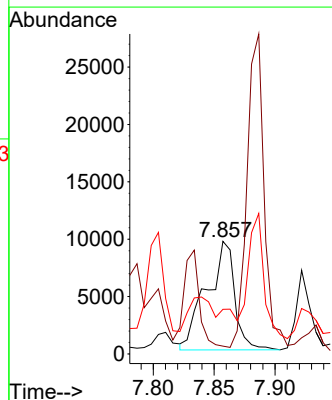
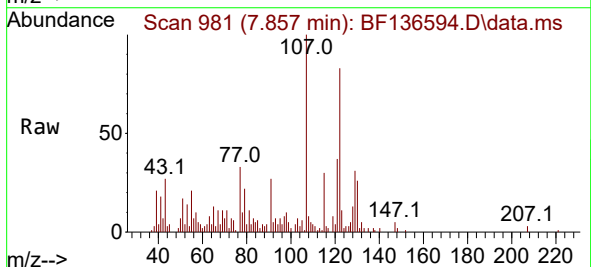
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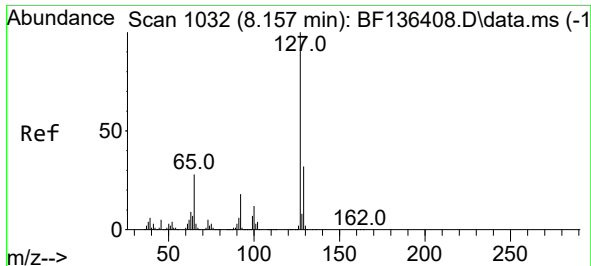
Tgt Ion:128 Resp: 142655
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 3.899 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion:122 Resp: 15209
Ion Ratio Lower Upper
122 100
105 7.0 104.7 144.7#
77 39.7 68.5 108.5#

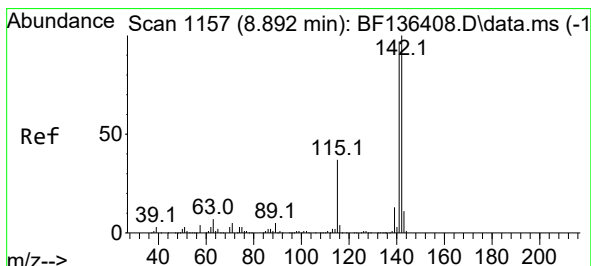
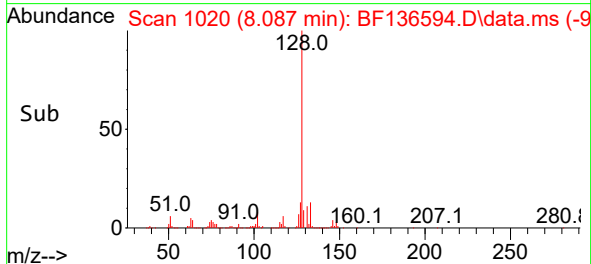
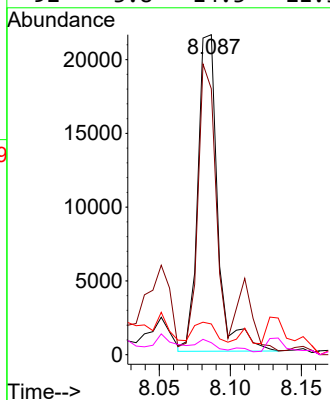
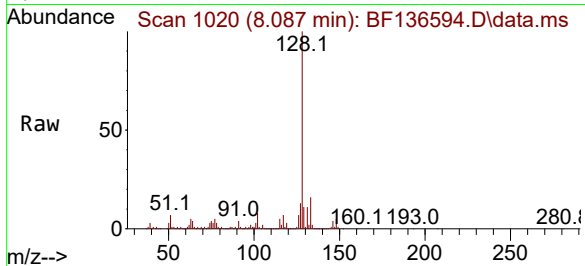




#33
4-Chloroaniline
Concen: 3.061 ng
RT: 8.087 min Scan# 1154
Delta R.T. -0.053 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

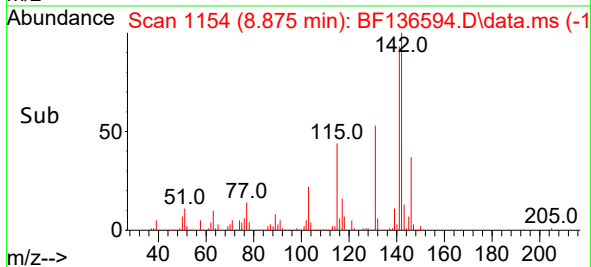
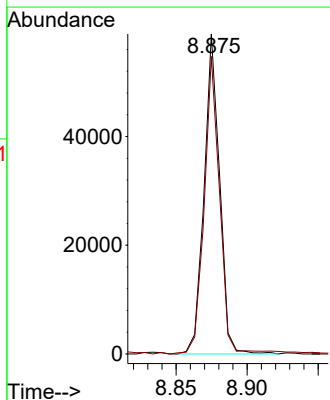
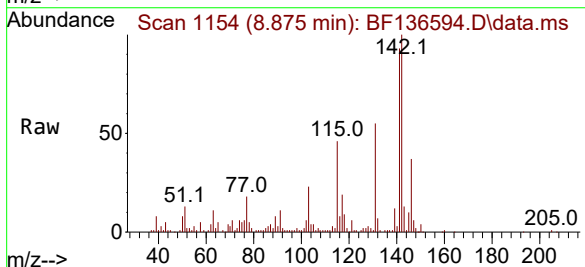
Instrument :
BNA_F
ClientSampleId :
MW-6

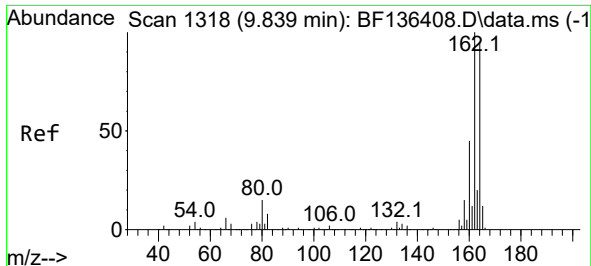
Tgt Ion:127	Resp:	20975
Ion	Ratio	Lower Upper
127	100	
129	83.1	25.4 38.2#
65	9.6	22.5 33.7#
92	3.8	14.3 21.5#



#38
1-Methylnaphthalene
Concen: 3.739 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion:142	Resp:	44869
Ion	Ratio	Lower Upper
142	100	
141	93.0	77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

MW-6

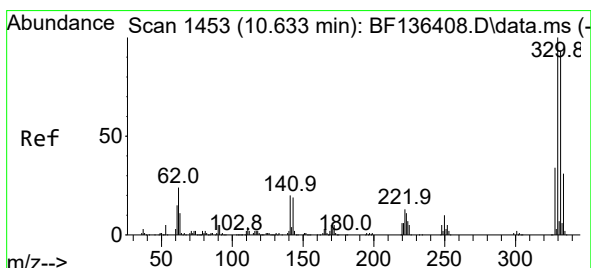
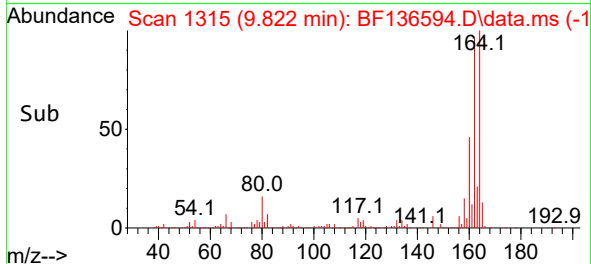
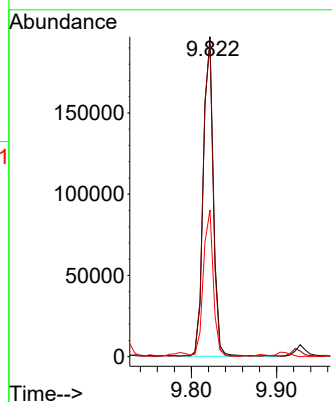
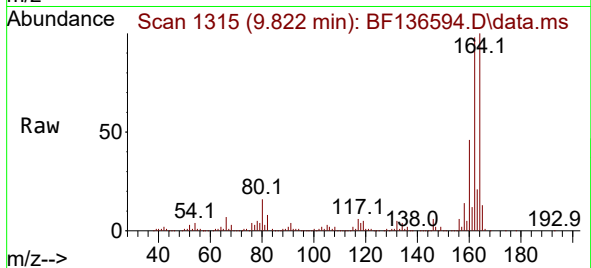
Tgt Ion:164 Resp: 160902

Ion Ratio Lower Upper

164 100

162 97.8 84.4 126.6

160 45.8 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 88.134 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

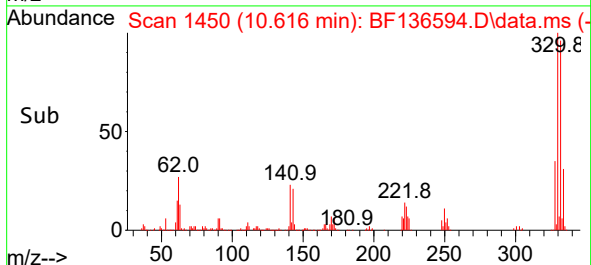
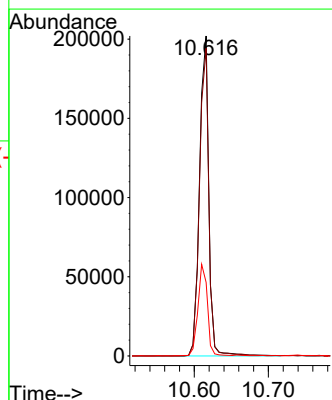
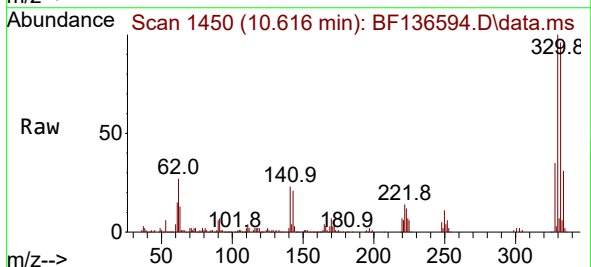
Tgt Ion:330 Resp: 174853

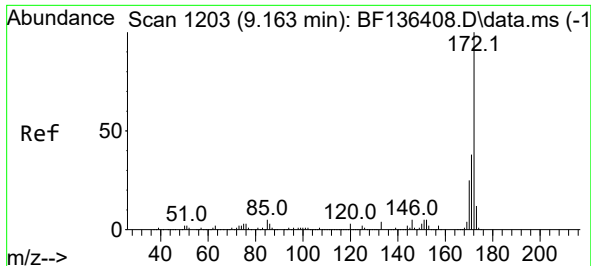
Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.4 23.4 35.2

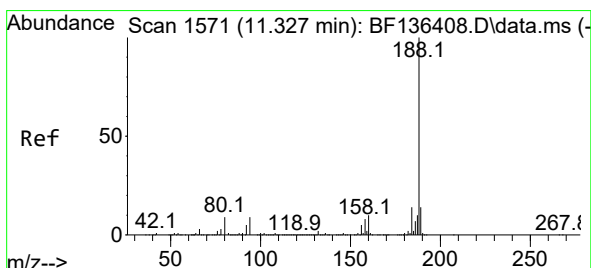
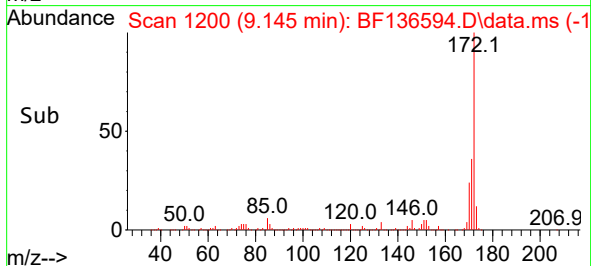
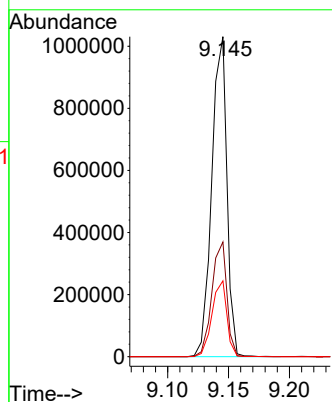
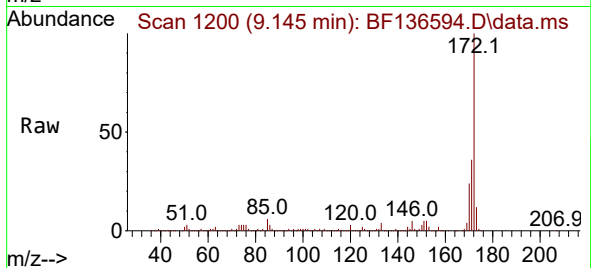




#45
2-Fluorobiphenyl
Concen: 75.313 ng
RT: 9.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

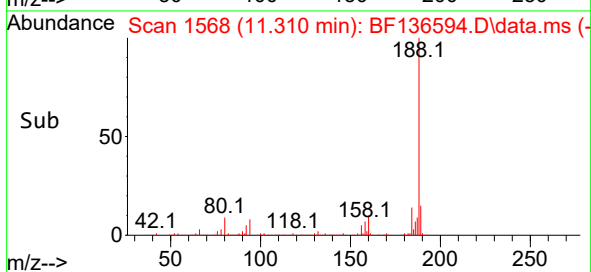
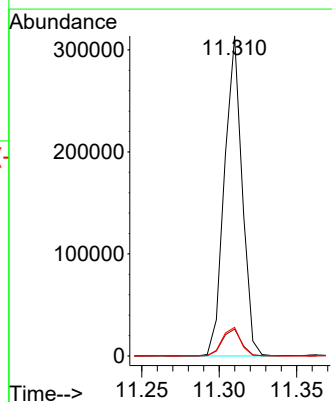
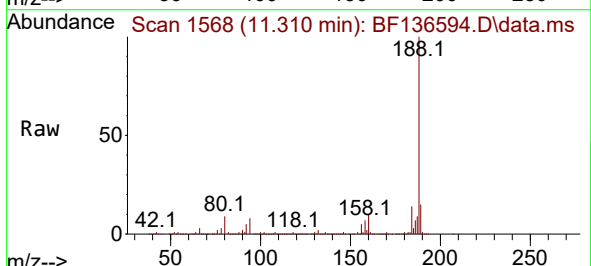
Instrument :
BNA_F
ClientSampleId :
MW-6

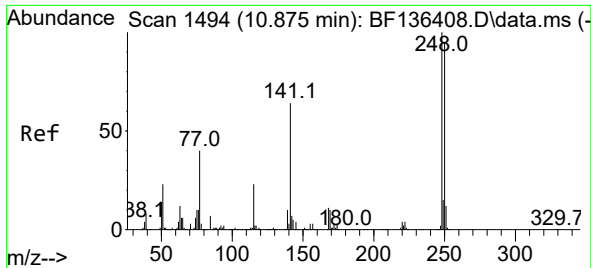
Tgt Ion:172 Resp: 888090
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 23.7 19.9 29.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion:188 Resp: 248323
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.0 7.2 10.8

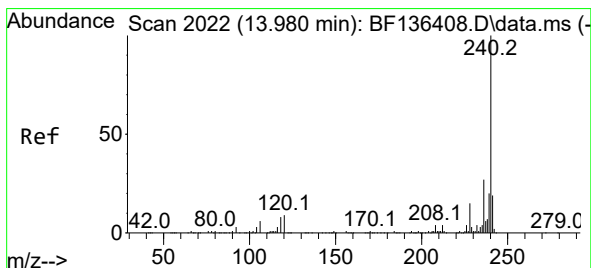
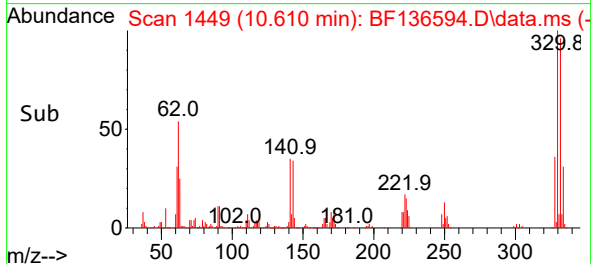
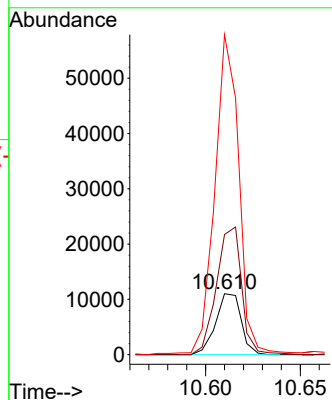
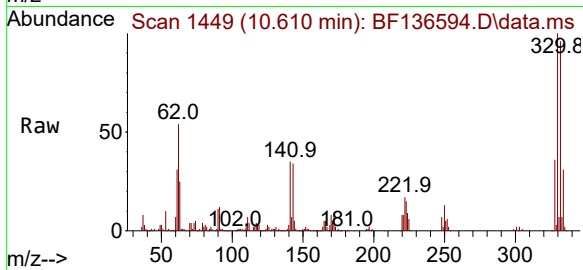




#67
4-Bromophenyl-phenylether
Concen: 3.581 ng
RT: 10.610 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

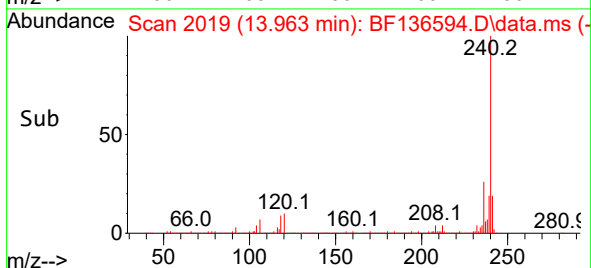
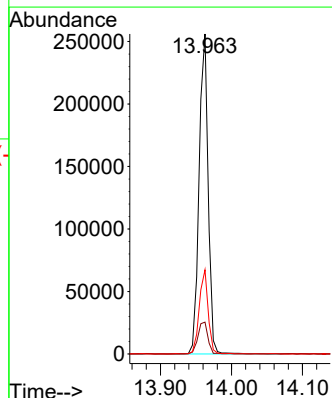
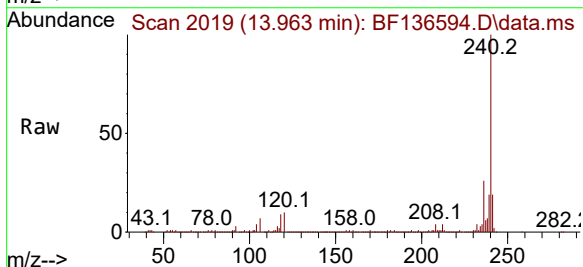
Instrument :
BNA_F
ClientSampleId :
MW-6

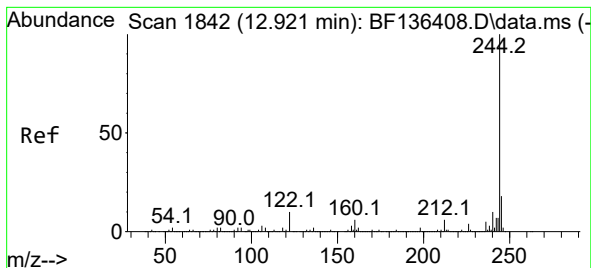
Tgt Ion:248 Resp: 10339
Ion Ratio Lower Upper
248 100
250 196.9 76.2 114.2#
141 524.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

Tgt Ion:240 Resp: 227894
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 49.465 ng

RT: 12.904 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

MW-6

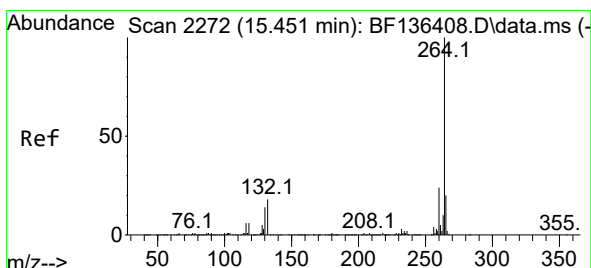
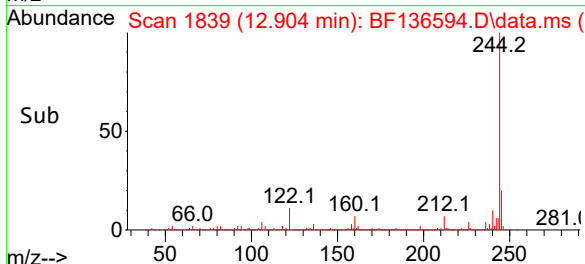
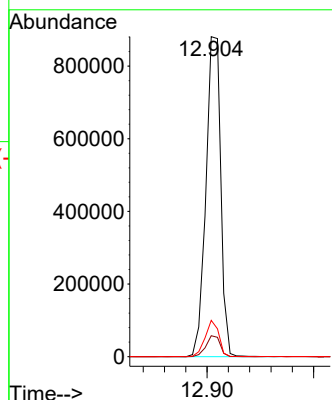
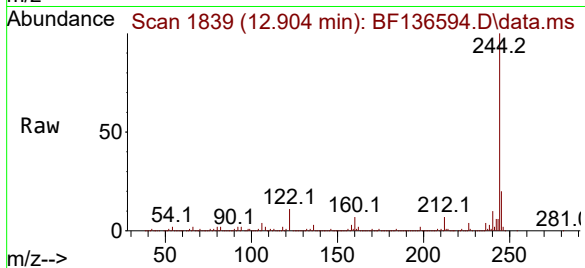
Tgt Ion:244 Resp: 855271

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Tgt Ion:264 Resp: 232028

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.8 15.9 23.9

