

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)

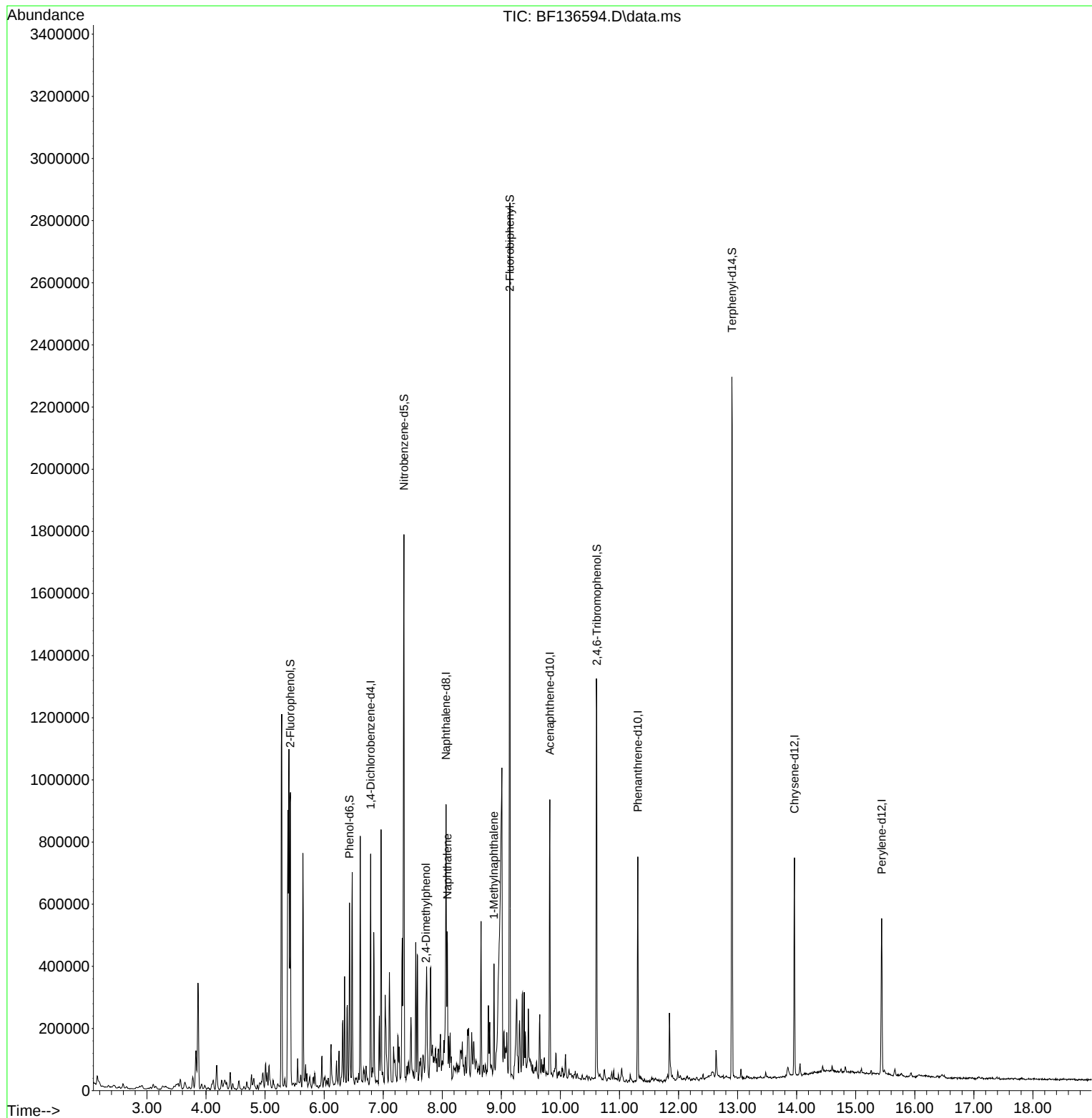
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96725	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	348578	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	160902	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	248323	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227894	20.000	ng	0.00
86) Perylene-d12	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
27) 2,4-Dimethylphenol	7.722	122	47262	12.020	ng	96
31) Naphthalene	8.087	128	142655	7.421	ng	98
38) 1-Methylnaphthalene	8.875	142	44869	3.739	ng	96

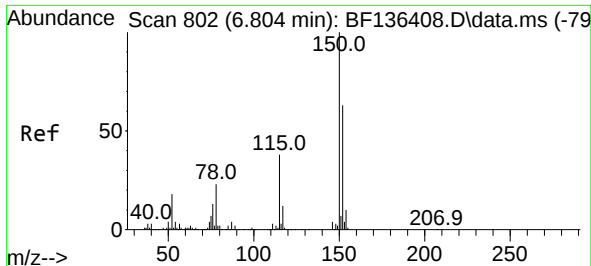
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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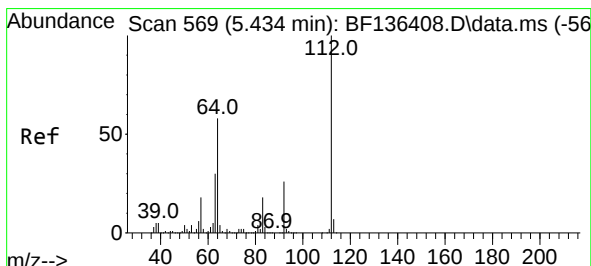
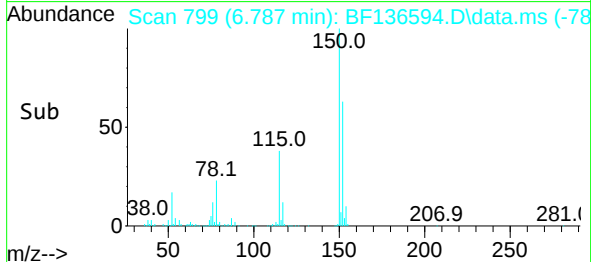
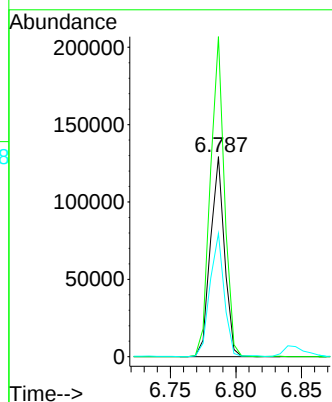
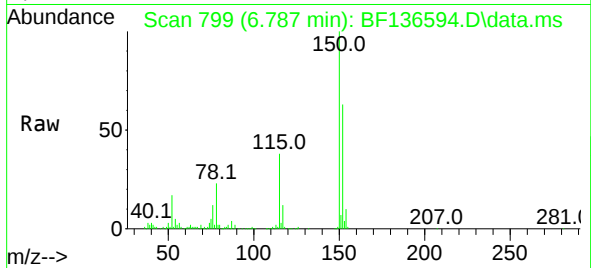




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

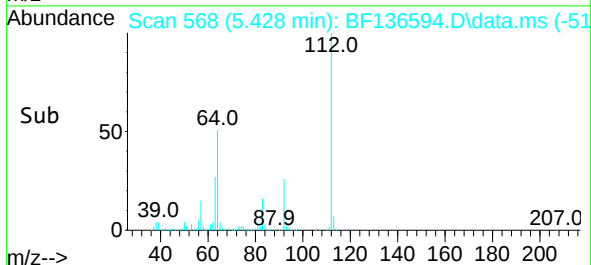
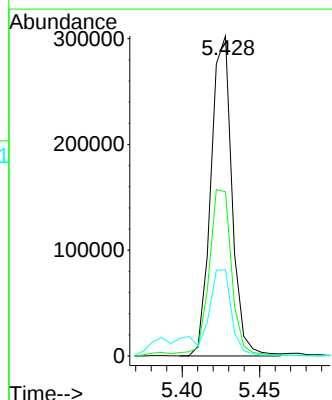
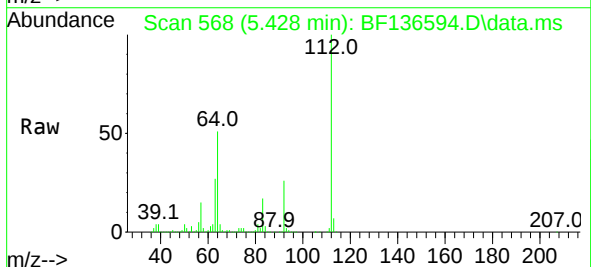
Instrument :
BNA_F
ClientSampleId :
MW-6

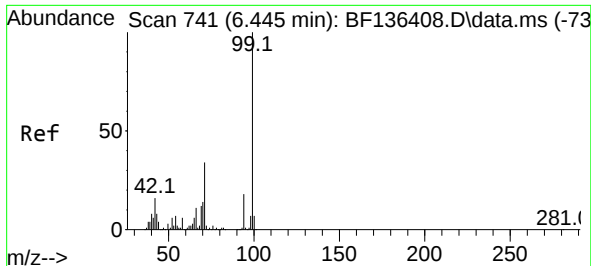
Tgt Ion:152 Resp: 96725
Ion Ratio Lower Upper
152 100
150 160.0 126.4 189.6
115 61.6 48.2 72.4



#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

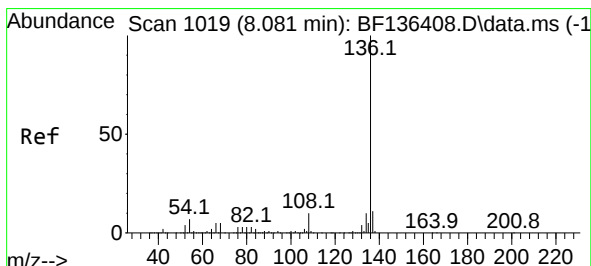
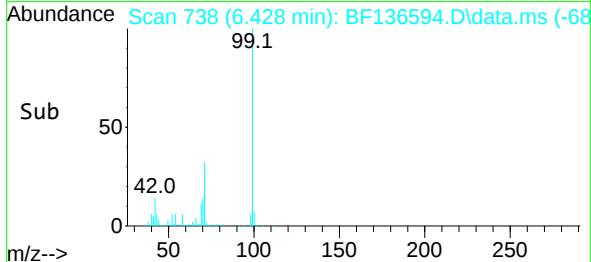
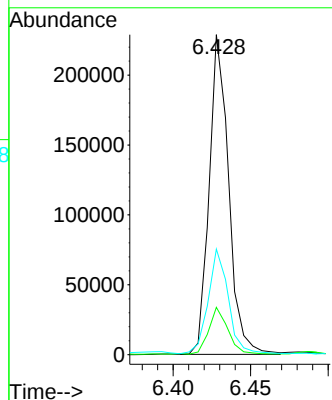
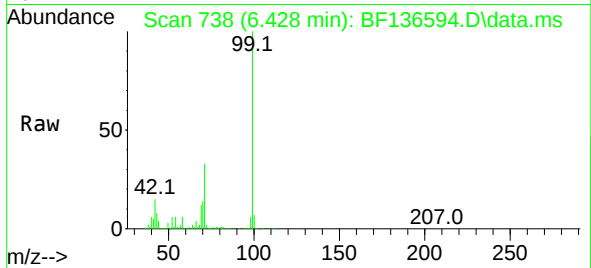




#7
Phenol-d6
Concen: 24.495 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

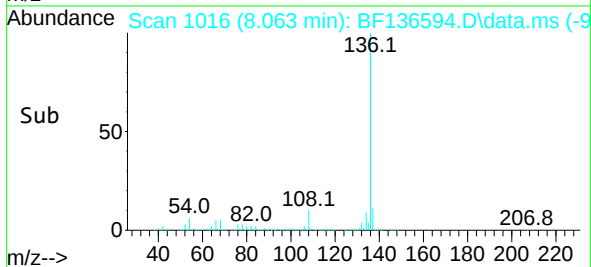
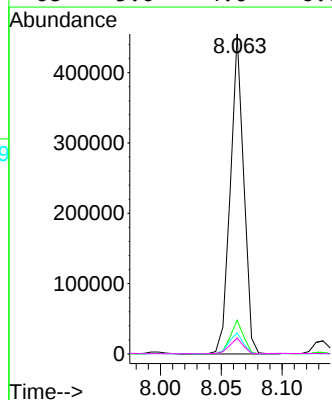
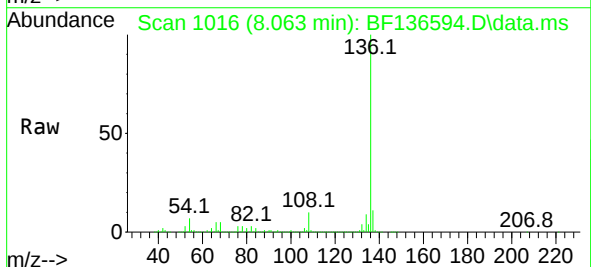
Instrument :
BNA_F
ClientSampleId :
MW-6

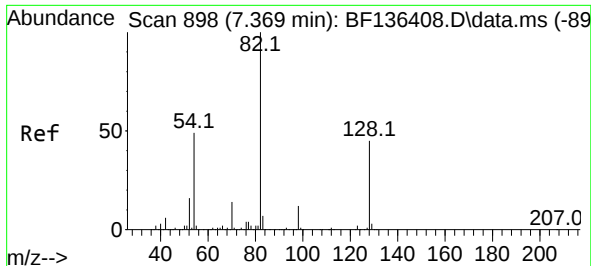
Tgt Ion: 99 Resp: 200158
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.0 27.0 40.4



#21
Naphthalene-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

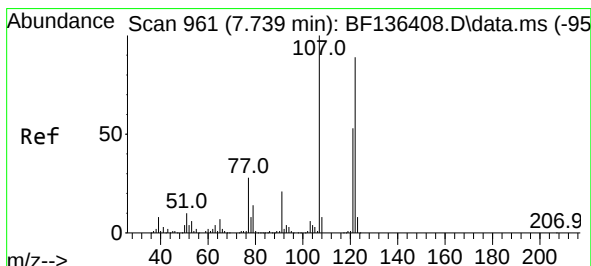
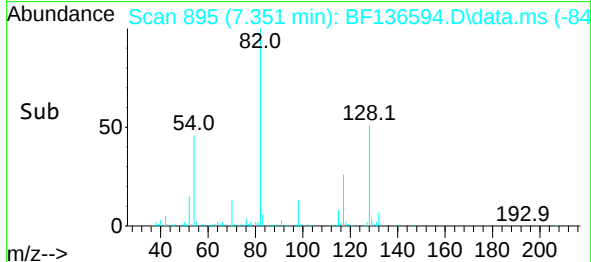
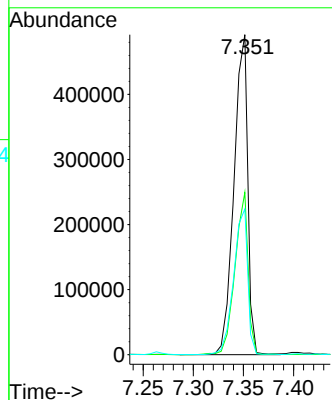
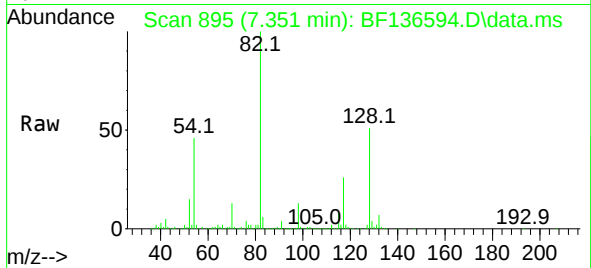




#23
Nitrobenzene-d5
Concen: 73.095 ng
RT: 7.351 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

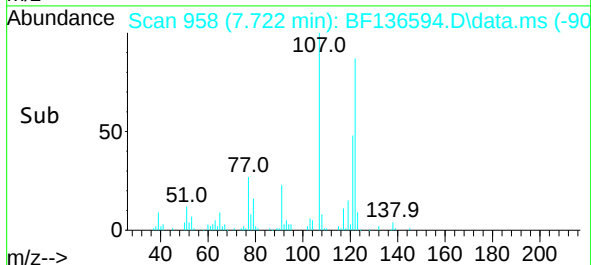
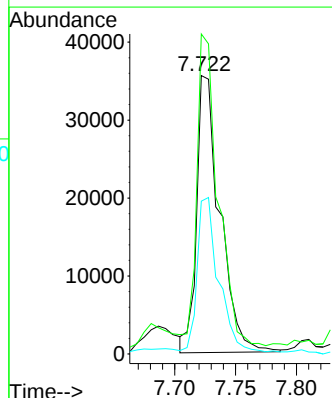
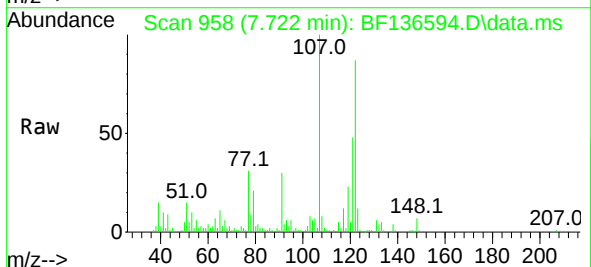
Instrument :
BNA_F
ClientSampleId :
MW-6

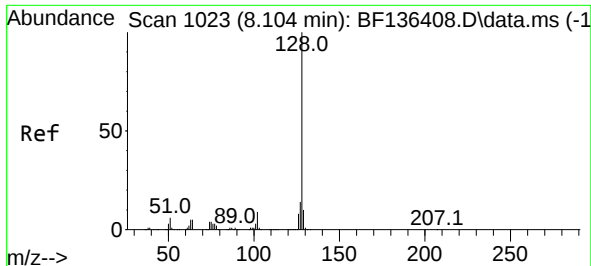
Tgt Ion: 82 Resp: 471314
Ion Ratio Lower Upper
82 100
128 50.7 36.3 54.5
54 45.6 39.0 58.6



#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

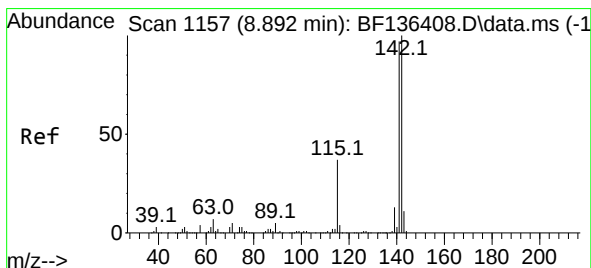
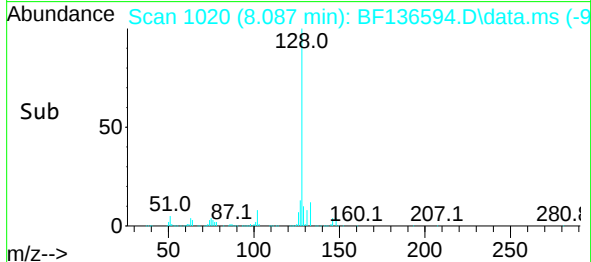
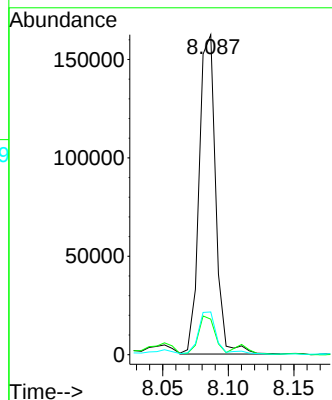
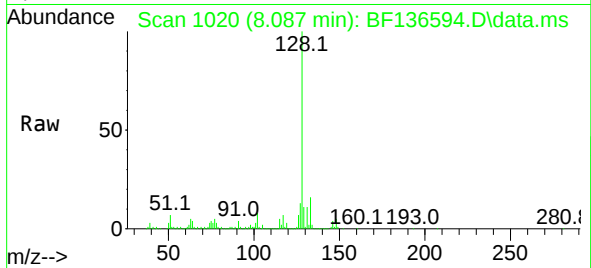




#31
Naphthalene
Concen: 7.421 ng
RT: 8.087 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

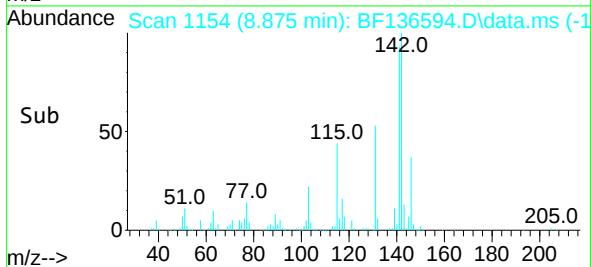
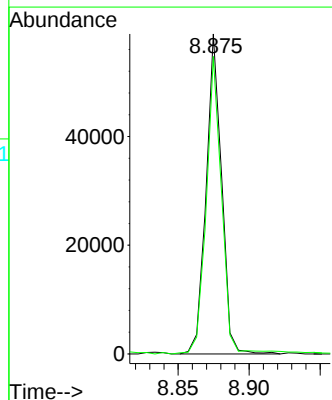
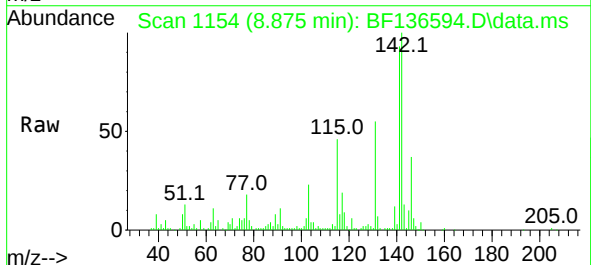
Instrument :
BNA_F
ClientSampleId :
MW-6

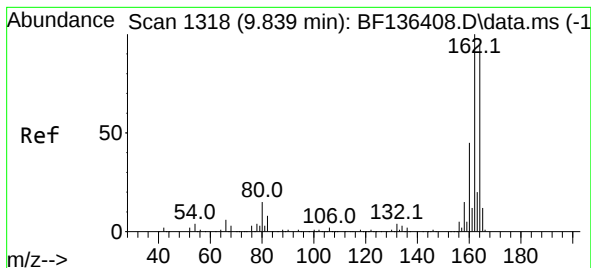
Tgt Ion:128 Resp: 142655
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 13.3 11.1 16.7



#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# 1

Delta R.T. -0.006 min

Lab File: BF136594.D

Acq: 15 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

MW-6

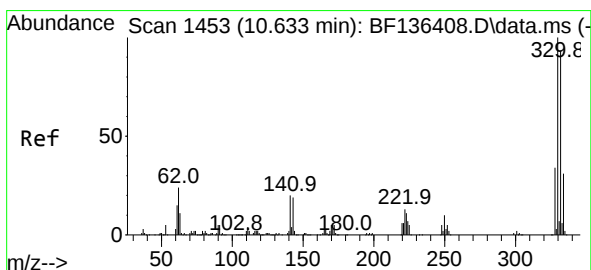
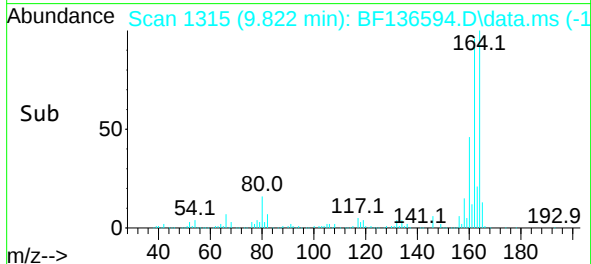
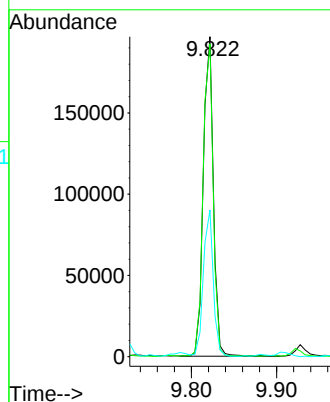
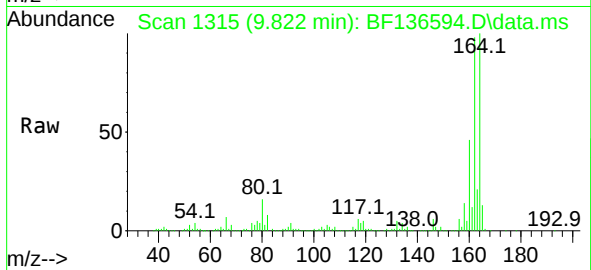
Tgt Ion:164 Resp: 160902

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

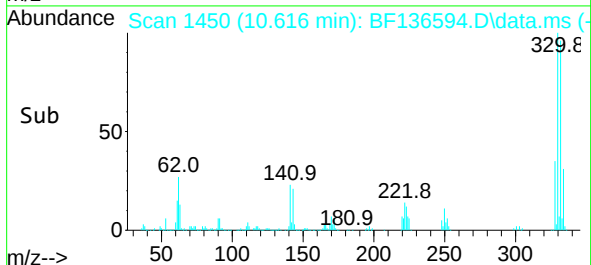
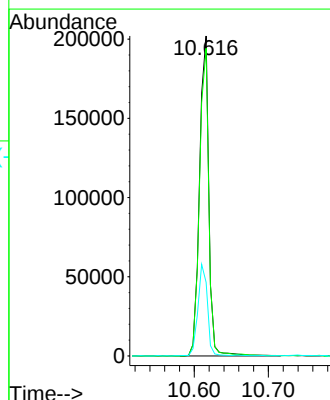
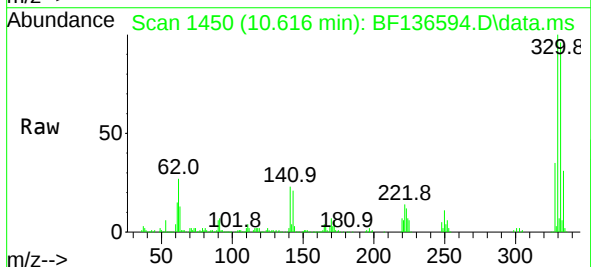
Tgt Ion:330 Resp: 174853

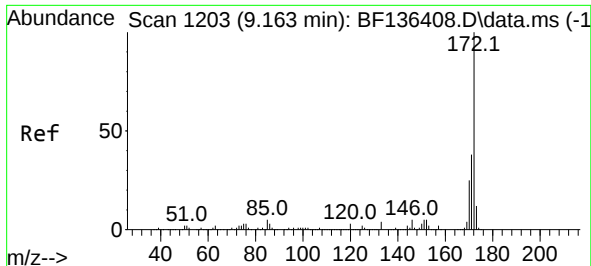
Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.4 23.4 35.2

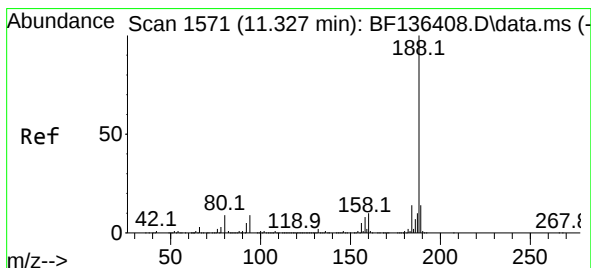
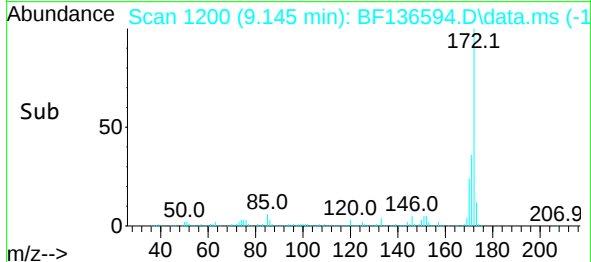
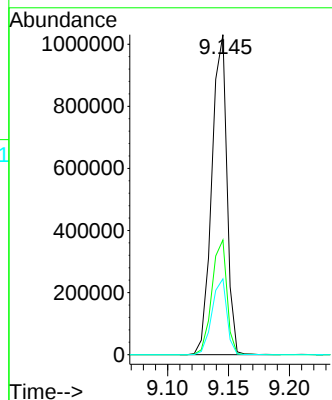
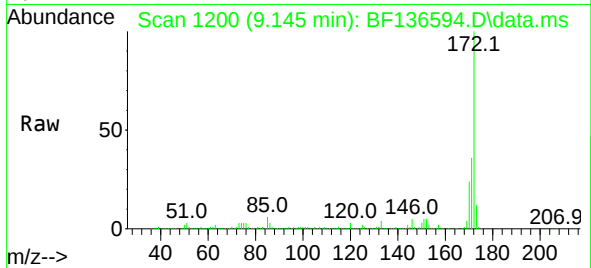




#45
2-Fluorobiphenyl
Concen: 75.313 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

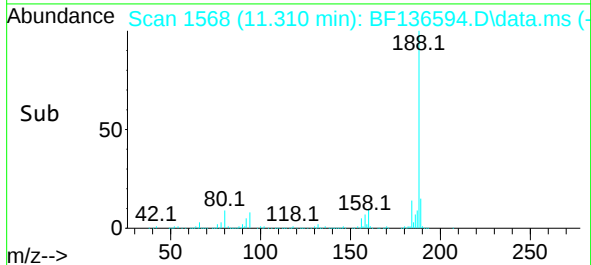
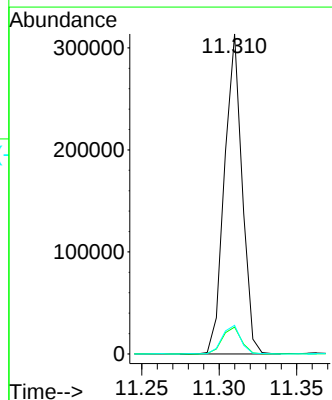
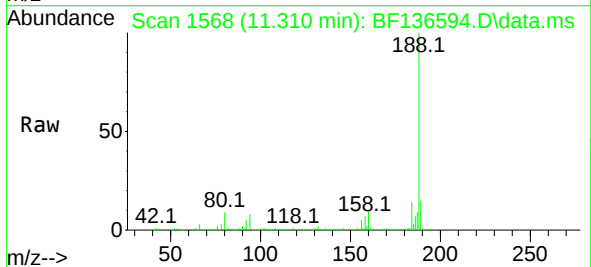
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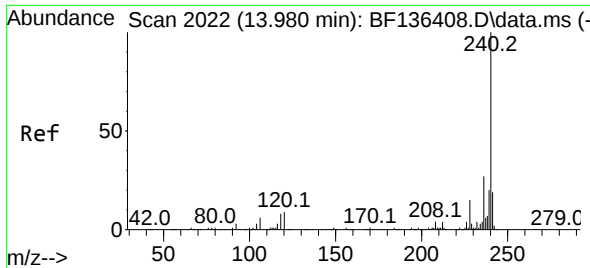
Tgt Ion:172 Resp: 888090
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 23.7 19.9 29.9



#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

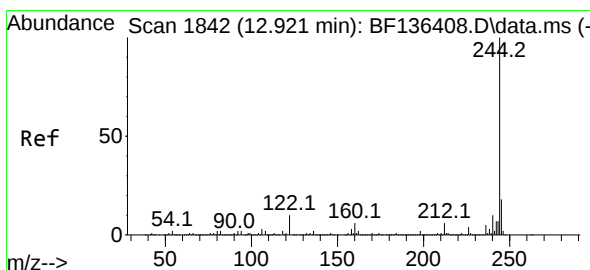
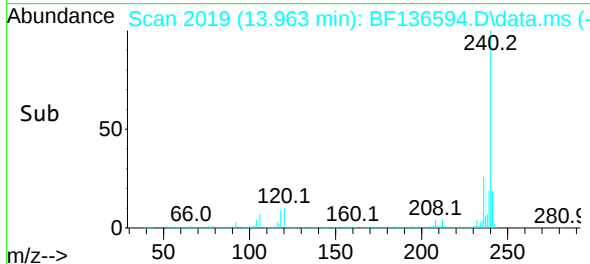
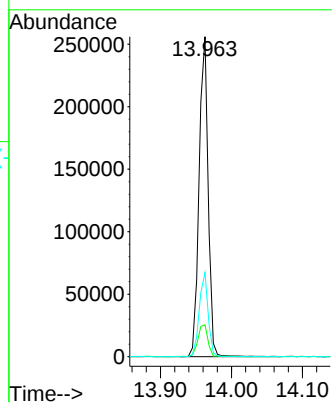
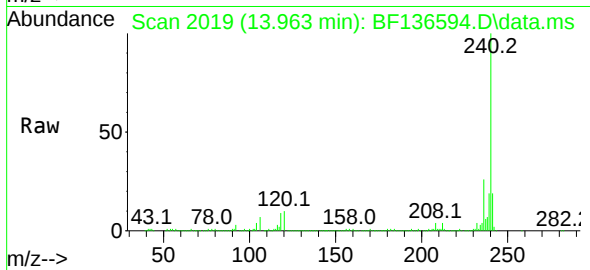




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

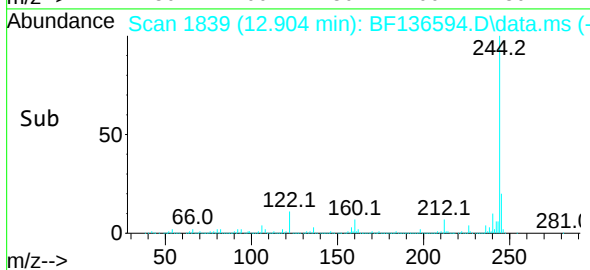
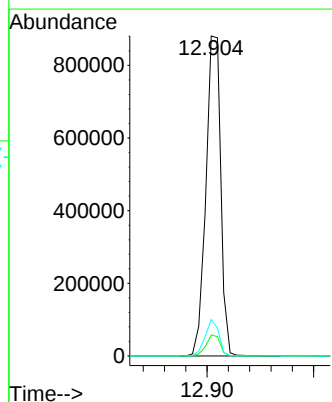
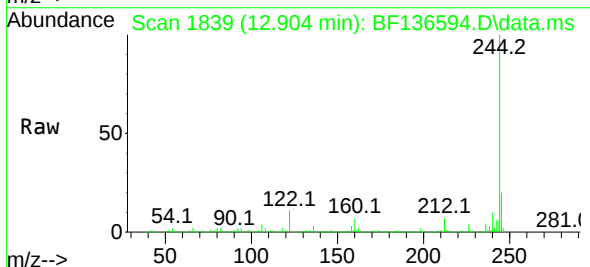
Instrument :
BNA_F
ClientSampleId :
MW-6

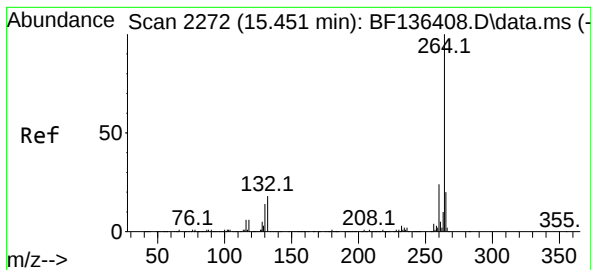
Tgt Ion:240 Resp: 227894
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.3 21.3 31.9



#79
Terphenyl-d14
Concen: 49.465 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF136594.D
Acq: 15 Dec 2023 15:53

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# 21

Delta R.T. 0.000 min

Lab File: BF136594.D

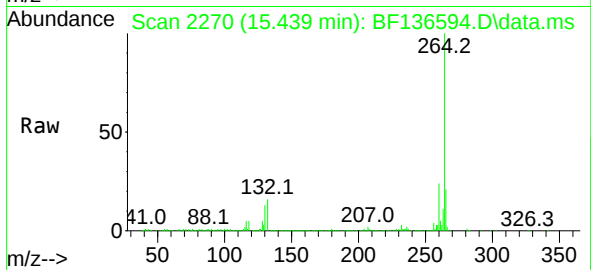
Acq: 15 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

MW-6



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

