

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136600.D
 Acq On : 15 Dec 2023 19:03
 Operator : CG\JU
 Sample : 05805-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-12122023

Quant Time: Dec 16 02:05:49 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)

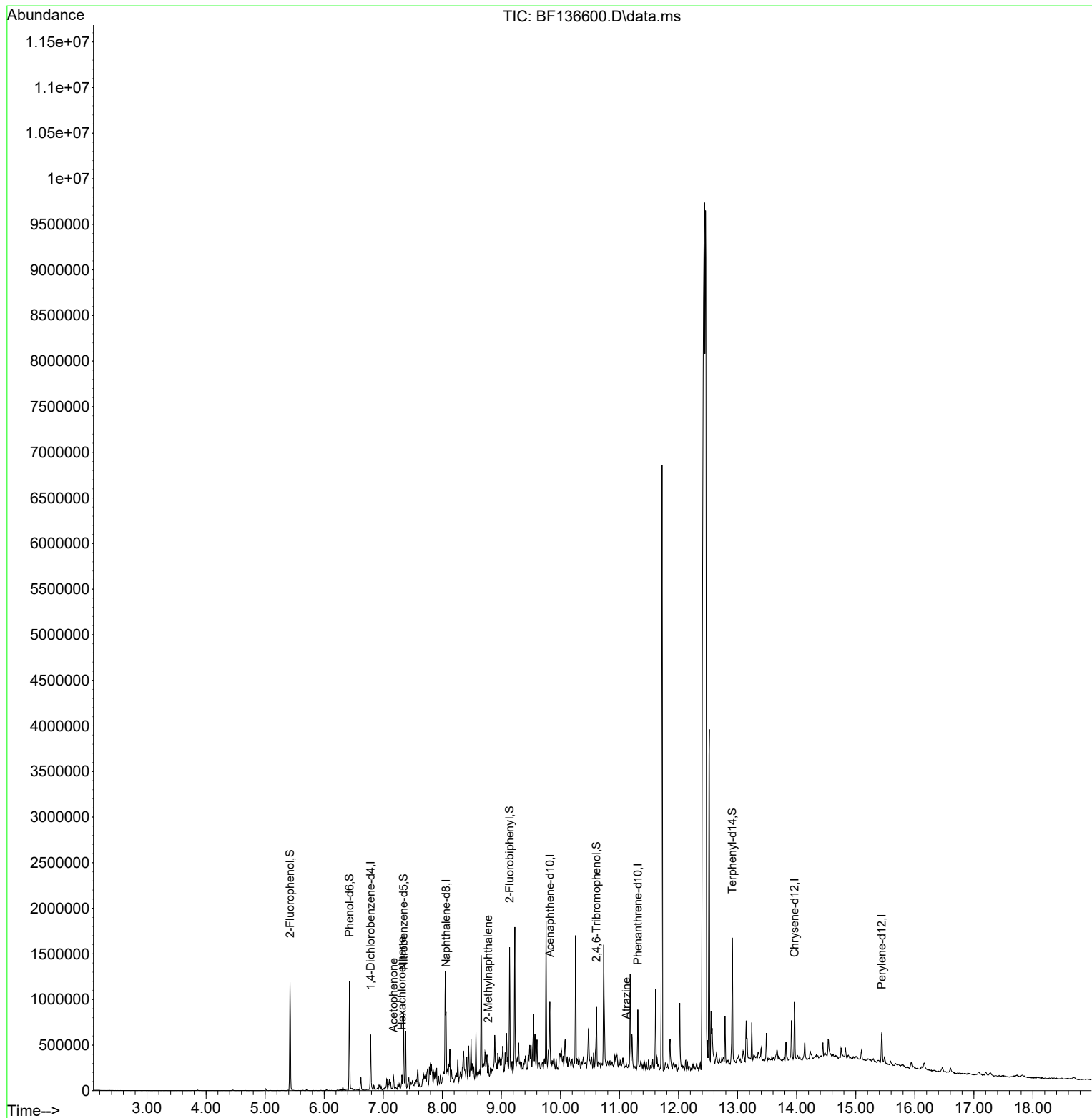
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82124	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	281540	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	120952	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	221019	20.000	ng	0.00
76) Chrysene-d12	13.963	240	214114	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	164201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	317100	57.024	ng	0.00
7) Phenol-d6	6.428	99	368232	53.075	ng	0.00
23) Nitrobenzene-d5	7.345	82	213201	40.938	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81249	54.480	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	385355	43.473	ng	0.00
79) Terphenyl-d14	12.910	244	465664	28.665	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	534	Below Cal	#	1
18) Hexachloroethane	7.316	117	6946	2.873	ng	# 1
22) Acetophenone	7.175	105	16234	2.335	ng	# 53
37) 2-Methylnaphthalene	8.775	142	24149	2.445	ng	97
69) Atrazine	11.116	200	4625	2.285	ng	72
77) Benzidine	12.627	184	498	Below Cal	#	1

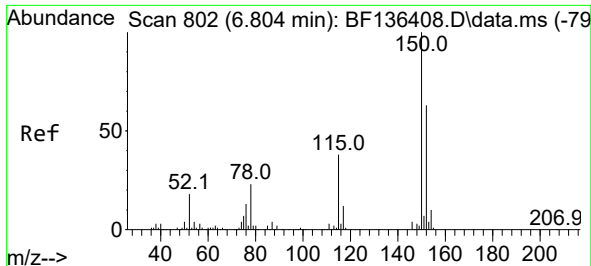
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:05:49 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

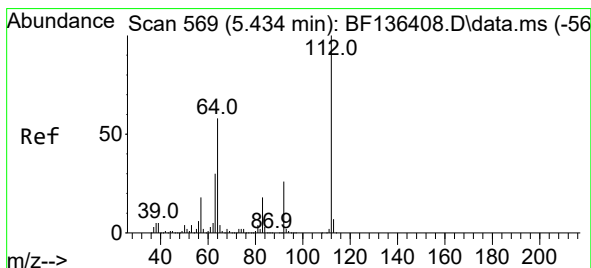
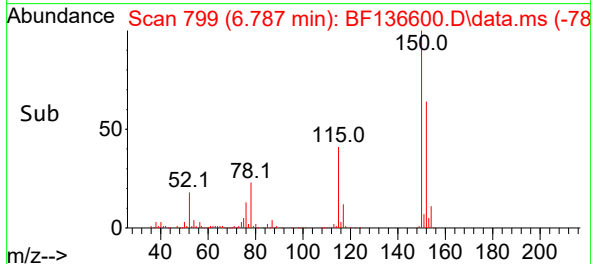
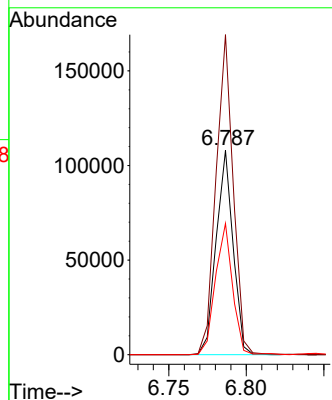
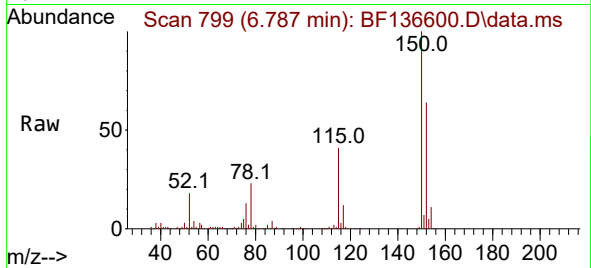




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

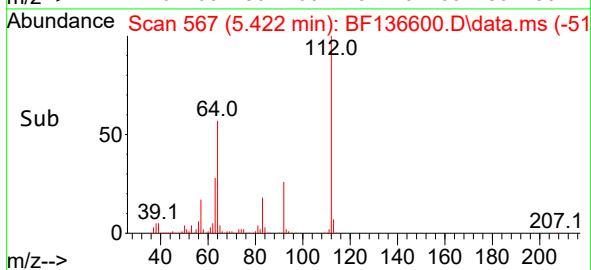
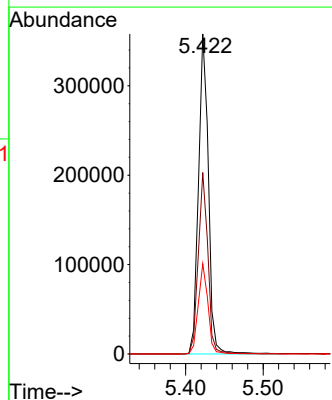
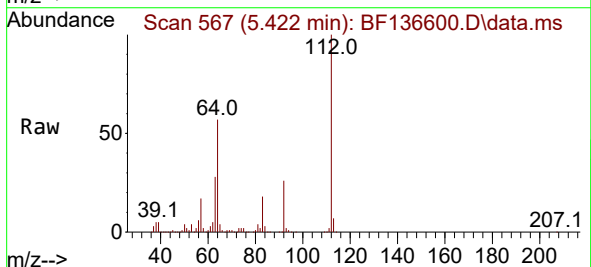
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023

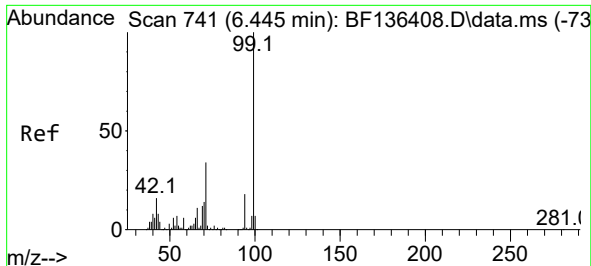
Tgt Ion:152 Resp: 82124
Ion Ratio Lower Upper
152 100
150 156.6 126.4 189.6
115 64.2 48.2 72.4



#5
2-Fluorophenol
Concen: 57.024 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion:112 Resp: 317100
Ion Ratio Lower Upper
112 100
64 56.7 46.5 69.7
63 28.2 23.9 35.9

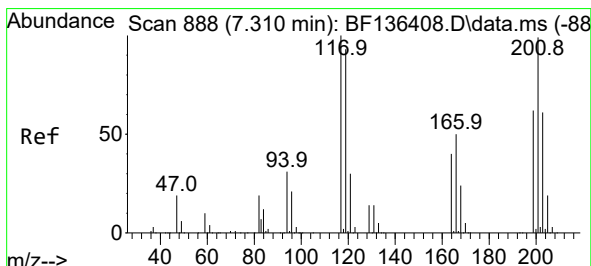
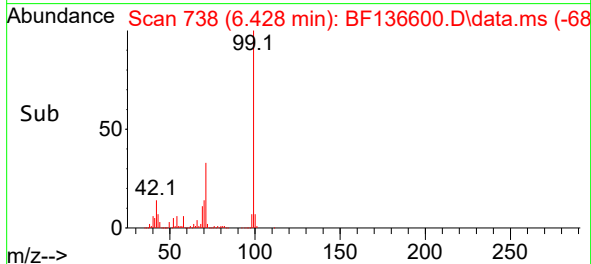
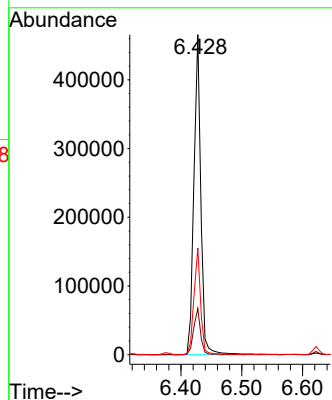
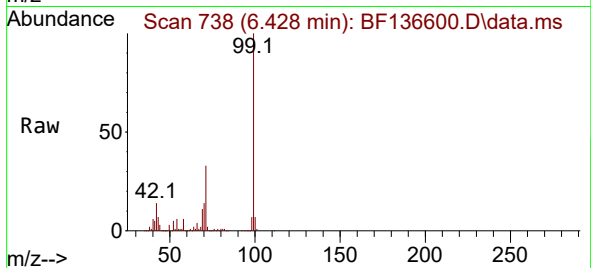




#7
Phenol-d6
Concen: 53.075 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

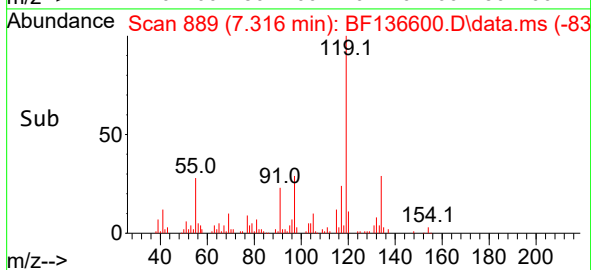
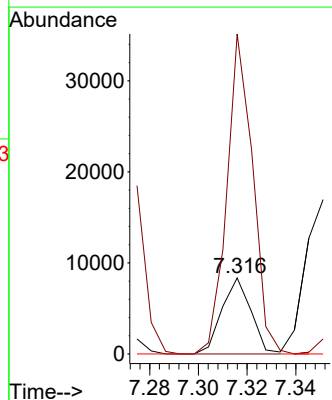
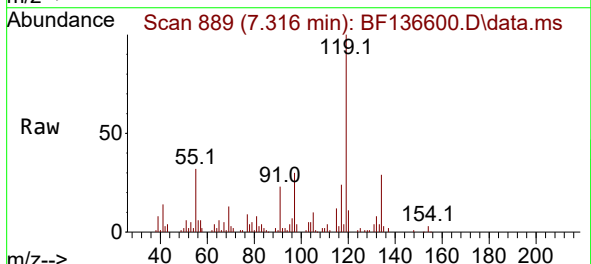
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023

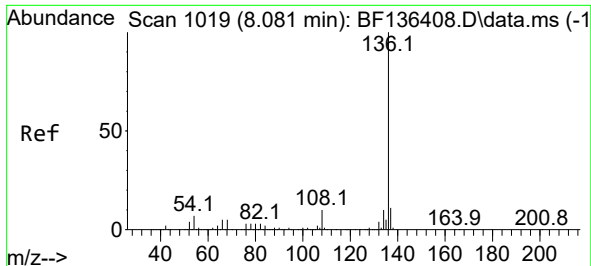
Tgt Ion: 99 Resp: 368232
Ion Ratio Lower Upper
99 100
42 14.4 12.8 19.2
71 33.3 27.0 40.4



#18
Hexachloroethane
Concen: 2.873 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion: 117 Resp: 6946
Ion Ratio Lower Upper
117 100
119 421.2 74.3 111.5#
201 0.0 79.3 118.9#

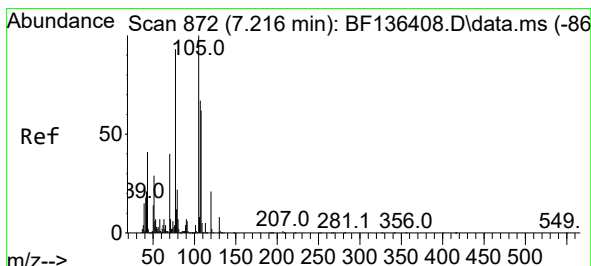
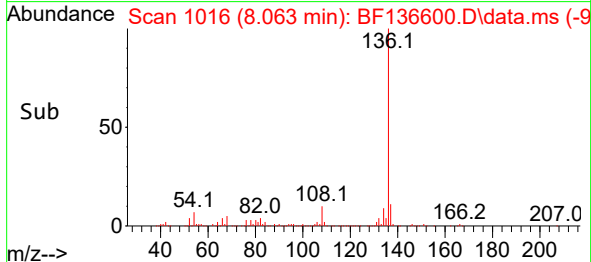
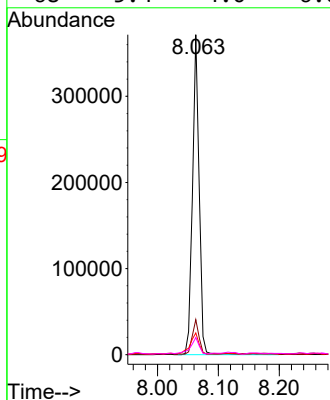
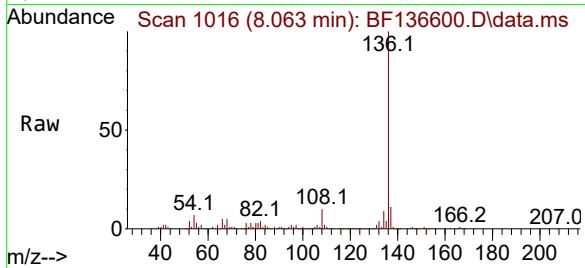




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

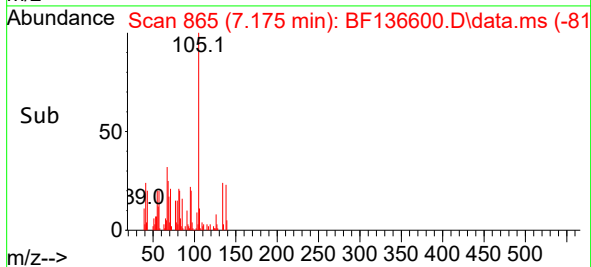
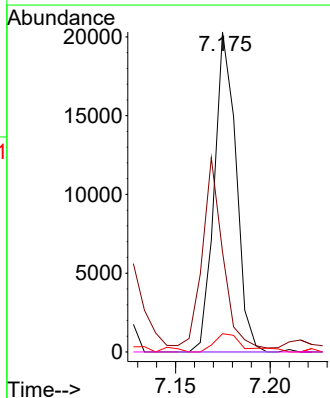
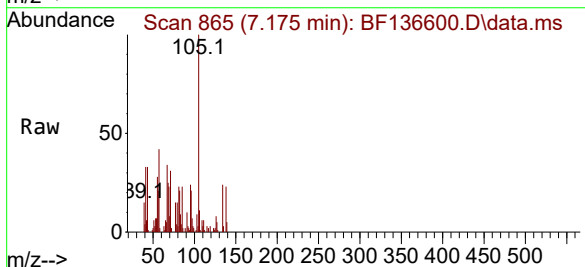
Instrument :
BNA_F
ClientSampleId :
HR-04-12122023

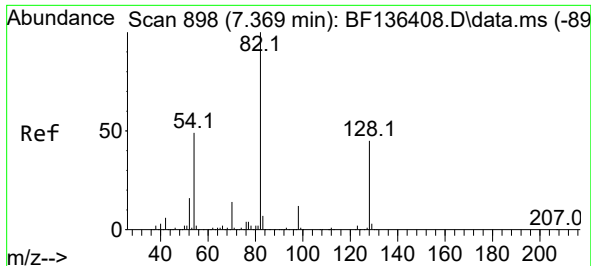
Tgt Ion:136 Resp: 281540
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 5.7 8.5
68 5.4 4.0 6.0



#22
Acetophenone
Concen: 2.335 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.024 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion:105 Resp: 16234
Ion Ratio Lower Upper
105 100
71 31.3 5.4 8.0#
51 5.7 23.4 35.2#
120 0.0 16.6 24.8#





#23

Nitrobenzene-d5

Concen: 40.938 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136600.D

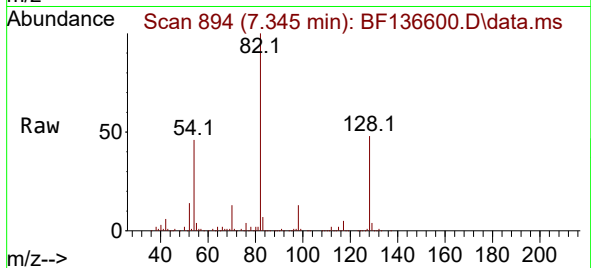
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Instrument :

BNA_F

ClientSampleId :

HR-04-12122023



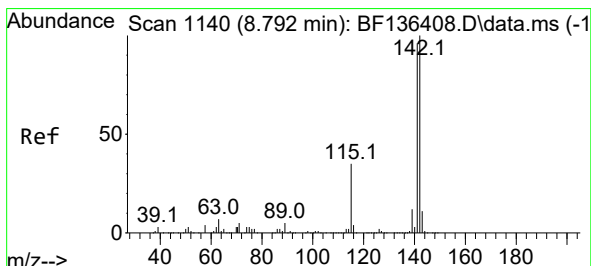
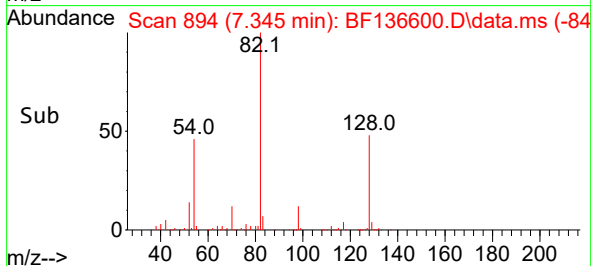
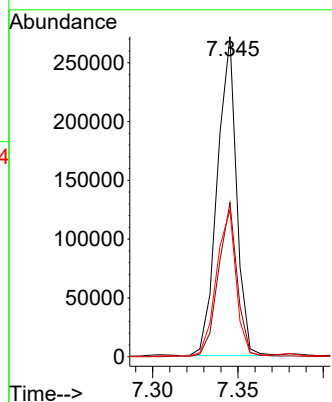
Tgt Ion: 82 Resp: 213201

Ion Ratio Lower Upper

82 100

128 48.1 36.3 54.5

54 45.8 39.0 58.6



#37

2-Methylnaphthalene

Concen: 2.445 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF136600.D

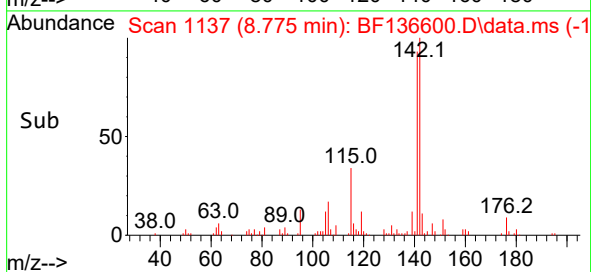
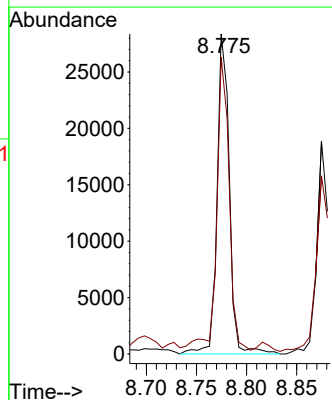
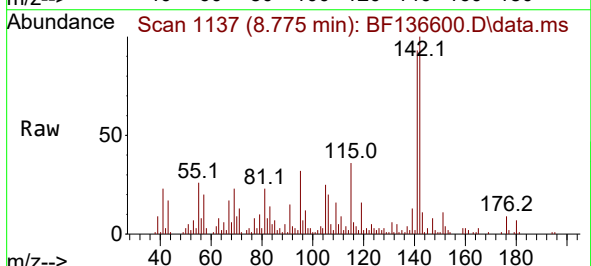
Acq: 15 Dec 2023 19:03

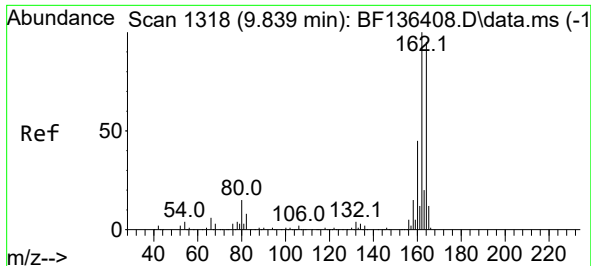
Tgt Ion: 142 Resp: 24149

Ion Ratio Lower Upper

142 100

141 92.8 76.4 114.6

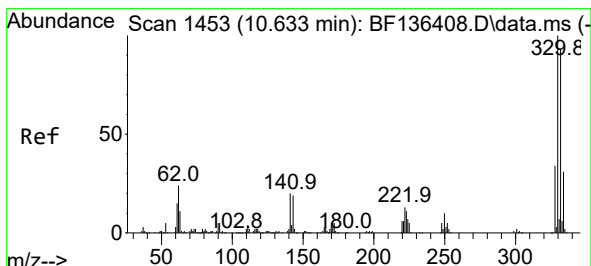
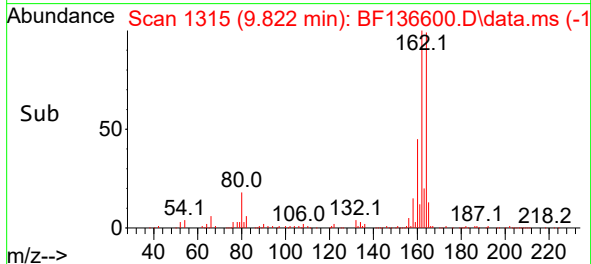
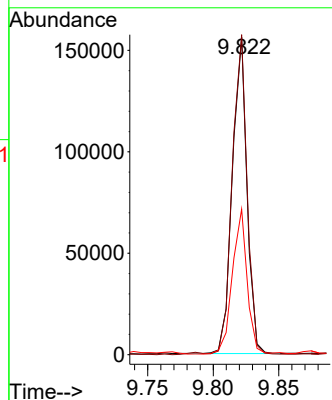
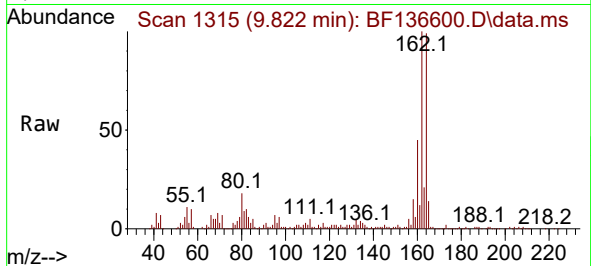




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

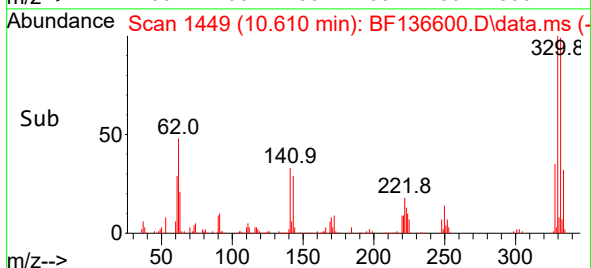
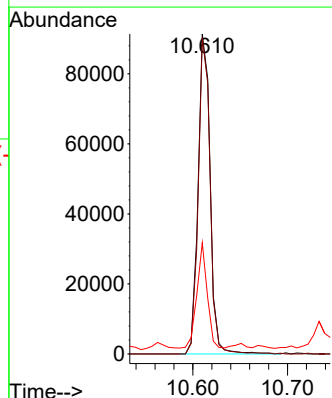
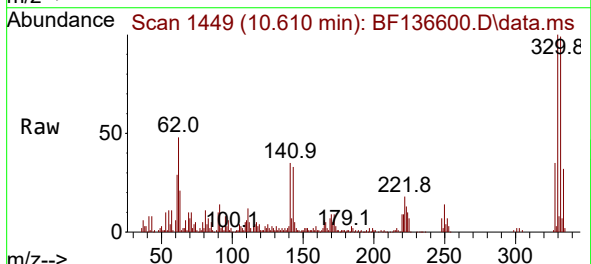
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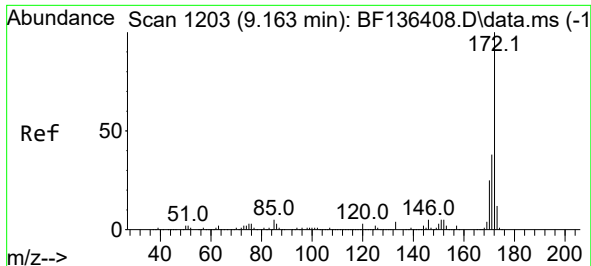
Tgt Ion:164 Resp: 120952
Ion Ratio Lower Upper
164 100
162 100.7 84.4 126.6
160 45.8 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 54.480 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion:330 Resp: 81249
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 28.7 23.4 35.2

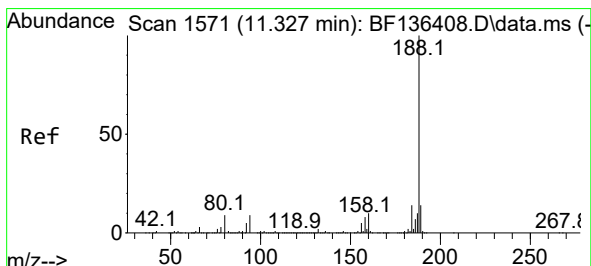
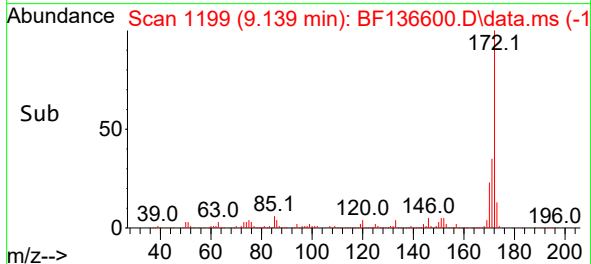
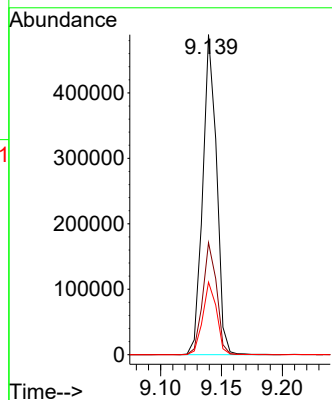
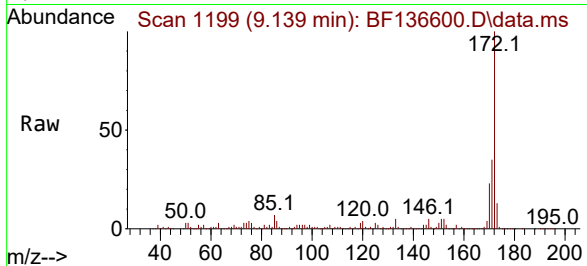




#45
2-Fluorobiphenyl
Concen: 43.473 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

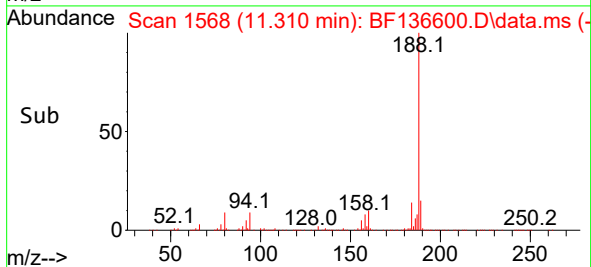
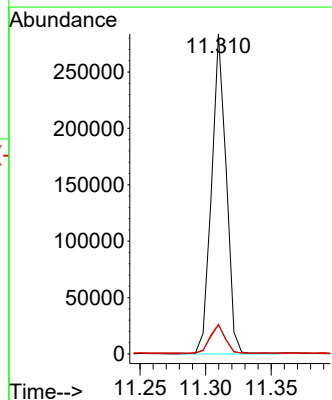
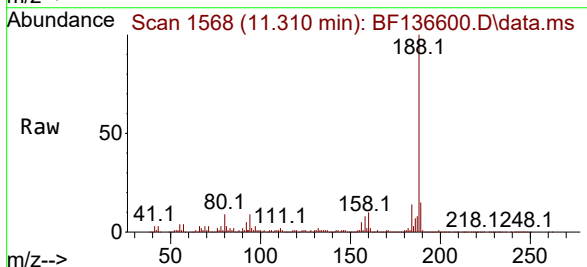
Instrument :
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HR-04-12122023

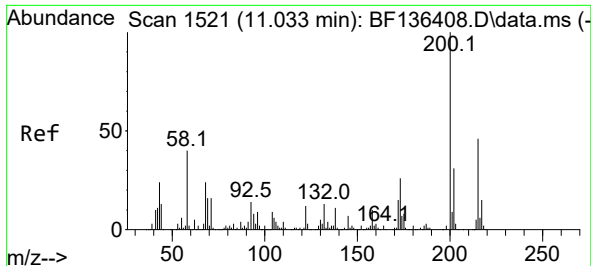
Tgt Ion:172 Resp: 385355
Ion Ratio Lower Upper
172 100
171 35.0 30.5 45.7
170 22.6 19.9 29.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion:188 Resp: 221019
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.3 7.2 10.8

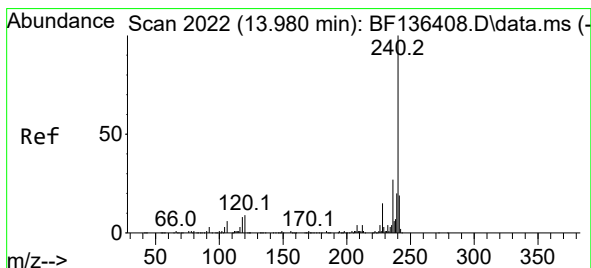
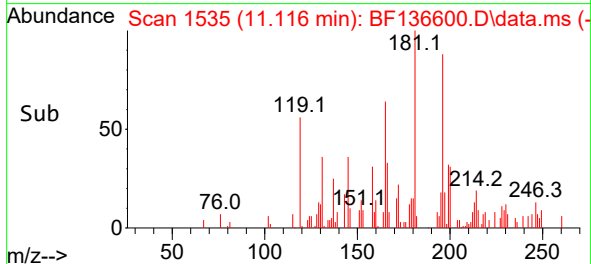
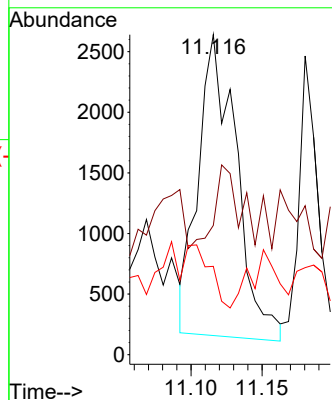
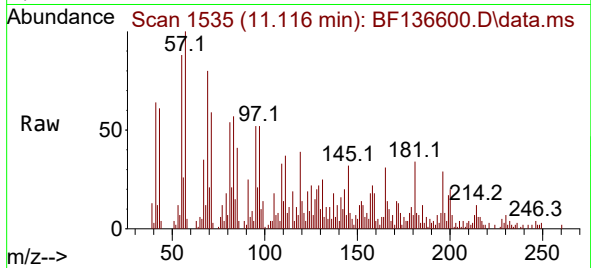




#69
Atrazine
Concen: 2.285 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

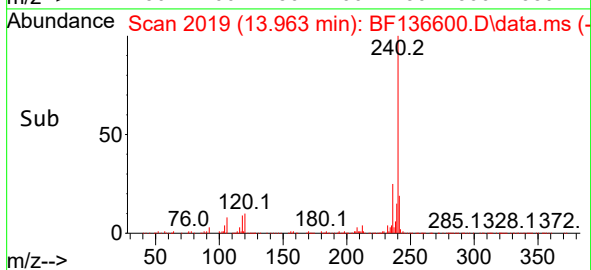
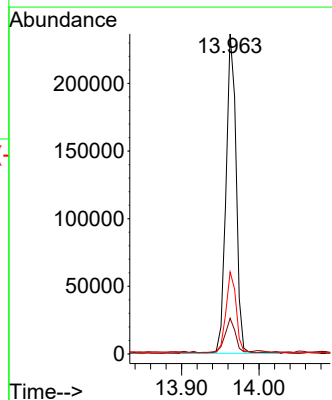
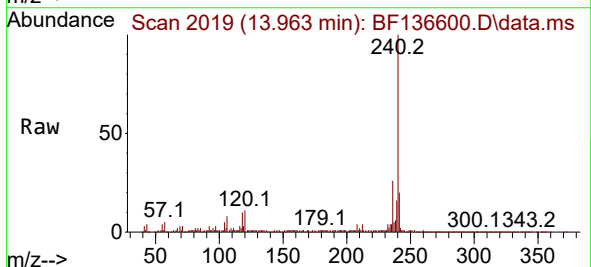
Instrument :
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HR-04-12122023

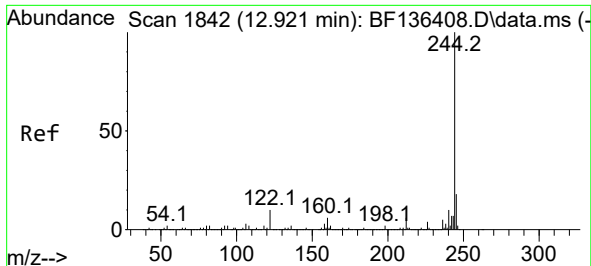
Tgt Ion:200 Resp: 4625
Ion Ratio Lower Upper
200 100
173 40.4 6.0 46.0
215 27.6 25.5 65.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136600.D
Acq: 15 Dec 2023 19:03

Tgt Ion:240 Resp: 214114
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 25.6 21.3 31.9

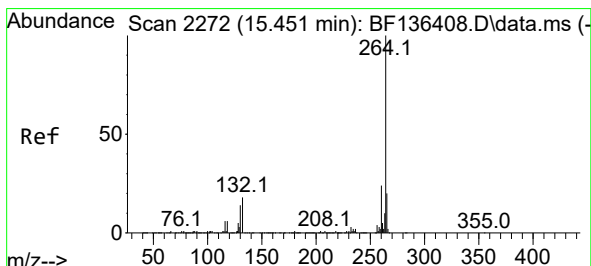
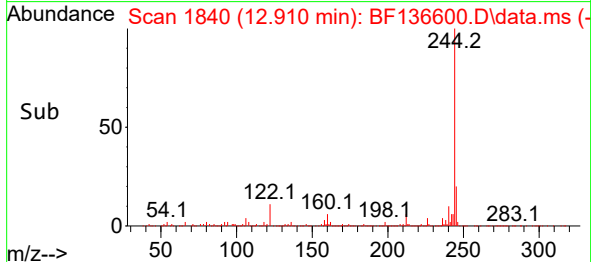
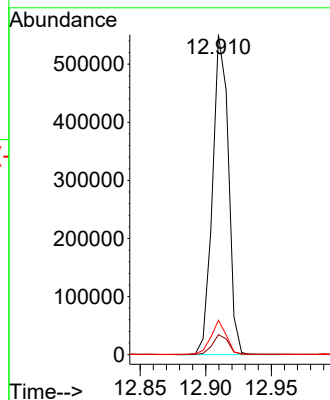
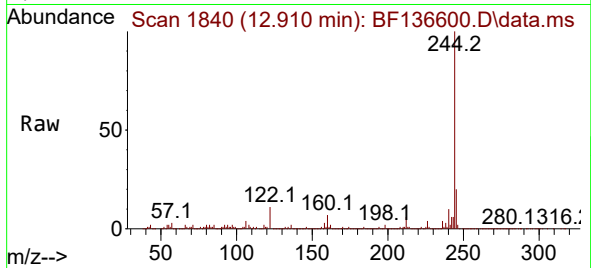




#79
 Terphenyl-d14
 Concen: 28.665 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136600.D
 Acq: 15 Dec 2023 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-12122023

Tgt Ion:244 Resp: 465664
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.7 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: BF136600.D
 Acq: 15 Dec 2023 19:03

Tgt Ion:264 Resp: 164201
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 15.9 23.9

