

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128687.D
 Acq On : 03 Jun 2022 19:09
 Operator : CG\JU
 Sample : N3113-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Quant Time: Jun 03 23:42:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

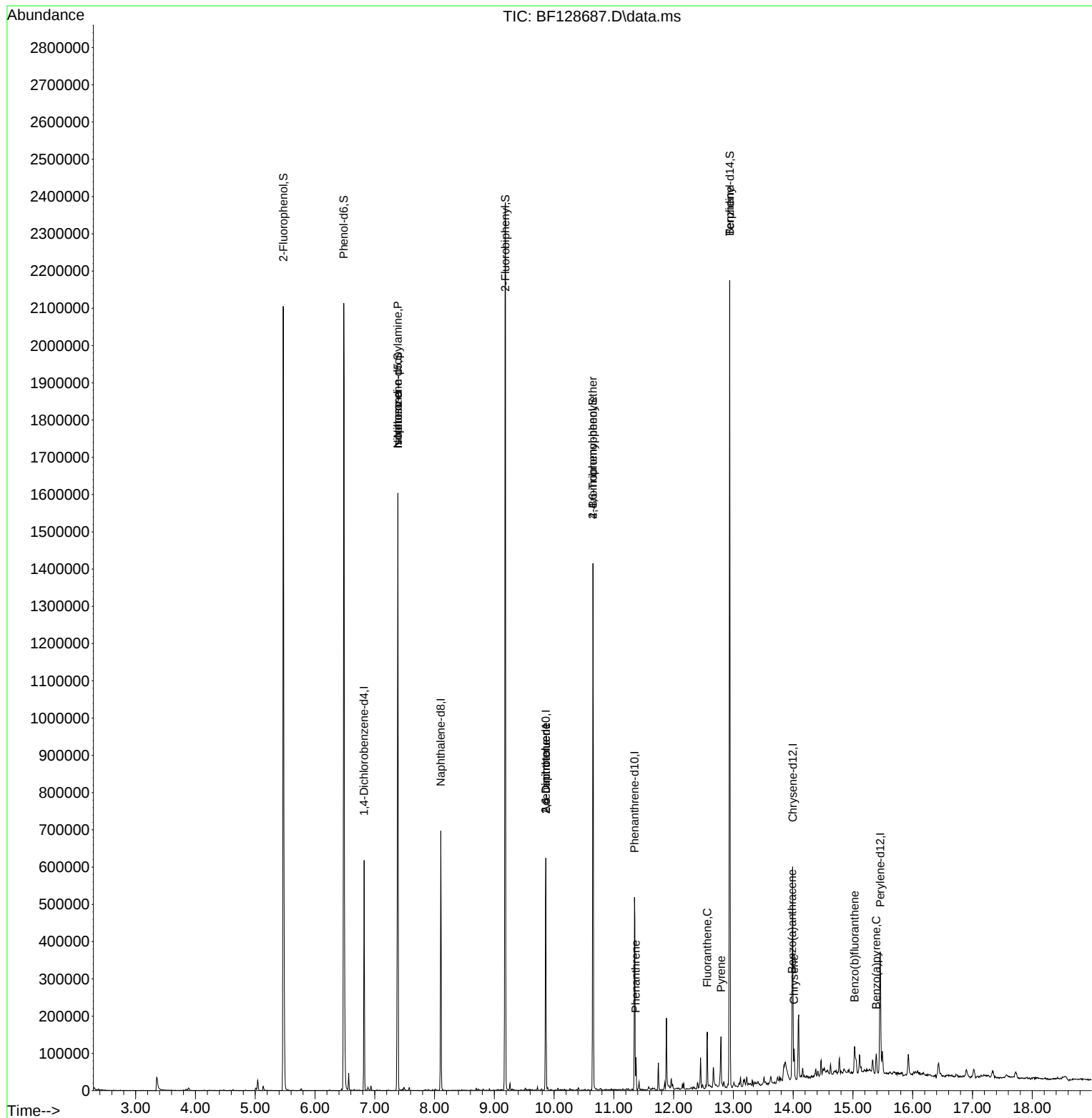
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	68710	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	247957	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	119312	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	182285	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	163926	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	147346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	497860	115.414	ng	0.00
7) Phenol-d6	6.481	99	623724	118.452	ng	-0.02
23) Nitrobenzene-d5	7.386	82	448176	84.153	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	138894	98.525	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	733918	86.167	ng	0.00
79) Terphenyl-d14	12.939	244	662990	70.278	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	66539	20.324	ng	# 80
25) Isophorone	7.386	82	448172	55.408	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15518	9.627	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	15518	7.214	ng	# 21
67) 4-Bromophenyl-phenylether	10.651	248	9555	4.700	ng	# 1
71) Phenanthrene	11.369	178	29181	3.192	ng	97
75) Fluoranthene	12.563	202	57029	5.967	ng	95
77) Benzidine	12.939	184	10833	3.315	ng	# 90
78) Pyrene	12.792	202	53505	4.387	ng	97
81) Benzo(a)anthracene	13.980	228	31853	3.117	ng	94
83) Chrysene	14.015	228	30350	3.115	ng	96
88) Benzo(b)fluoranthene	15.027	252	50028	5.314	ng	97
90) Benzo(a)pyrene	15.392	252	24986	3.376	ng	# 90

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

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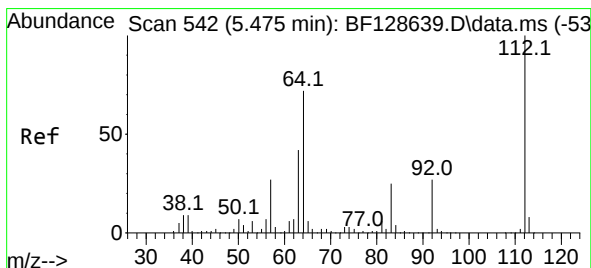
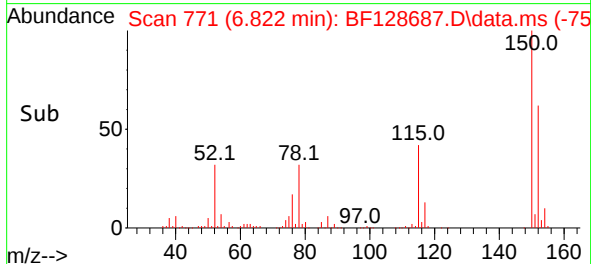
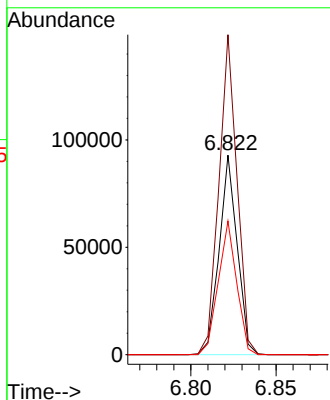
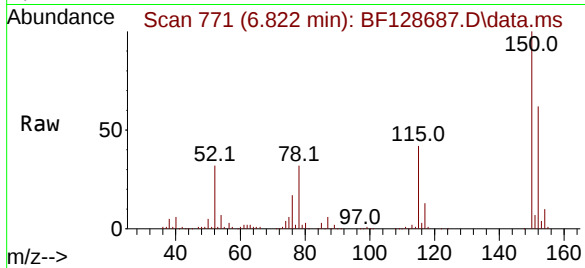




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

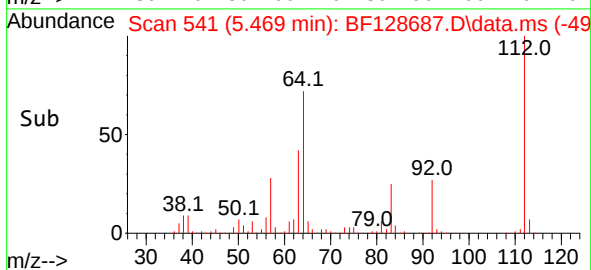
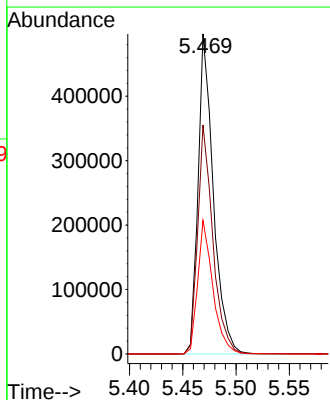
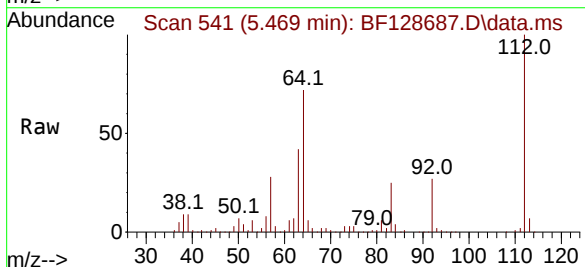
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:152 Resp: 68710
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 66.9 49.9 74.9



#5
2-Fluorophenol
Concen: 115.414 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:112 Resp: 497860
Ion Ratio Lower Upper
112 100
64 71.6 53.3 79.9
63 41.7 28.0 42.0

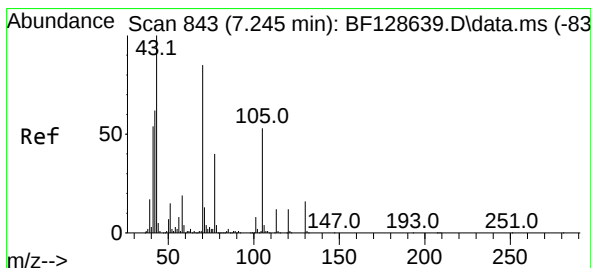
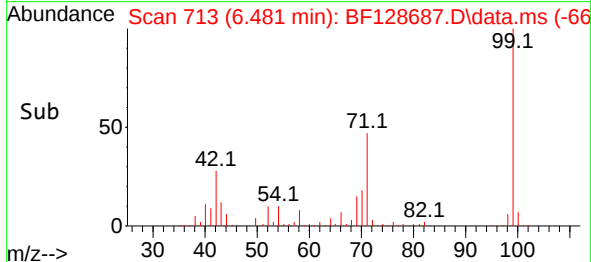
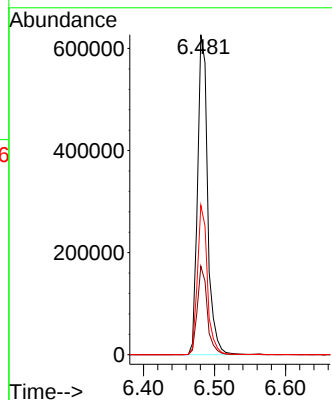
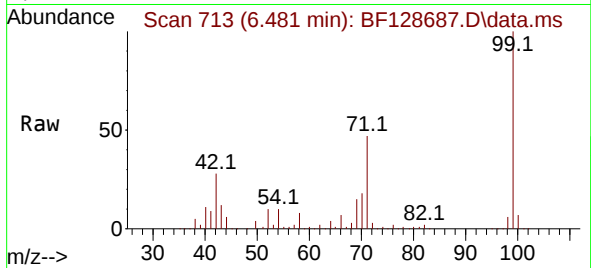




#7
Phenol-d6
Concen: 118.452 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

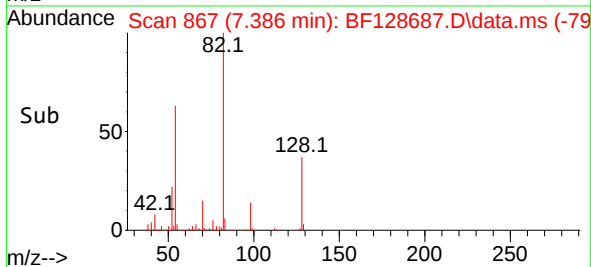
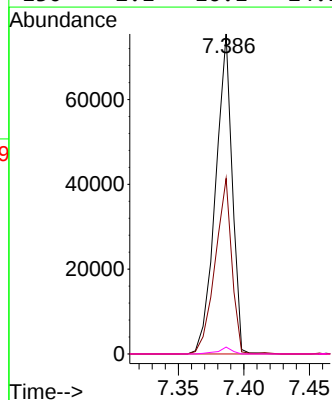
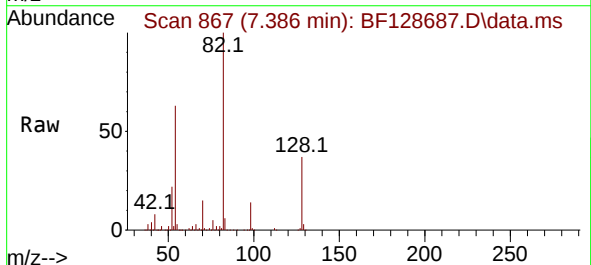
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 99 Resp: 623724
Ion Ratio Lower Upper
99 100
42 27.7 17.3 25.9#
71 46.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.324 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion: 70 Resp: 66539
Ion Ratio Lower Upper
70 100
42 54.8 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

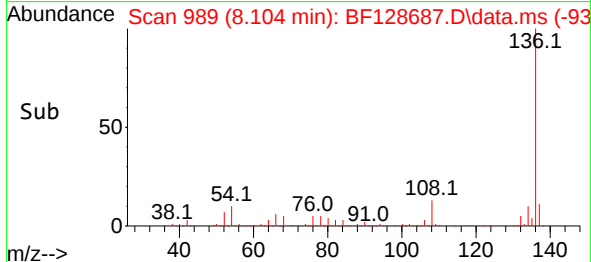
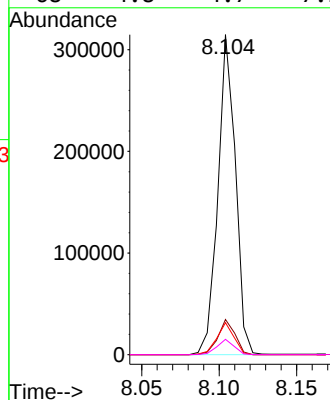
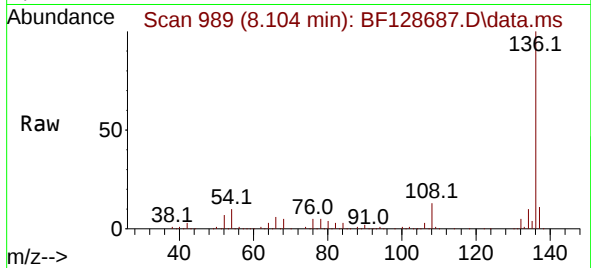




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

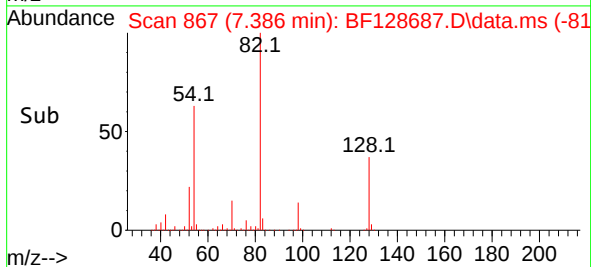
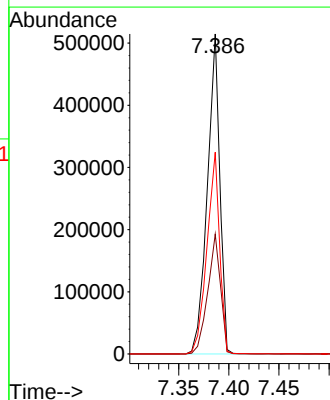
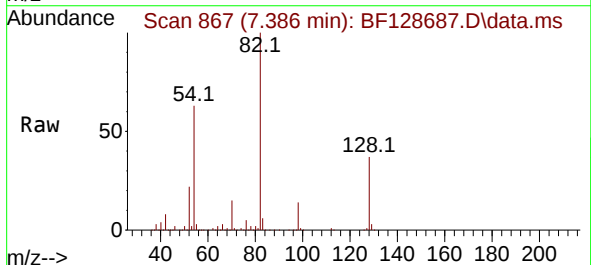
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:136 Resp: 247957
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.153 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion: 82 Resp: 448176
Ion Ratio Lower Upper
82 100
128 37.4 34.0 51.0
54 63.0 46.9 70.3

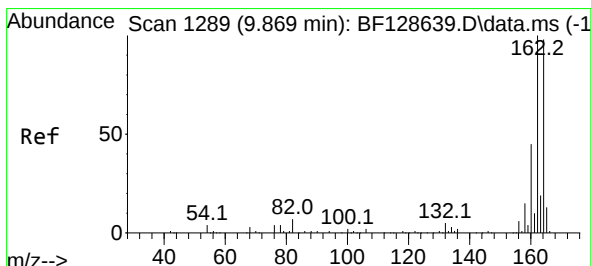
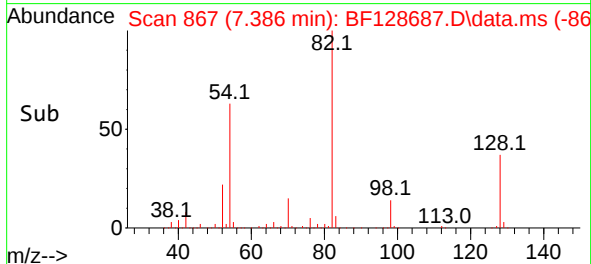
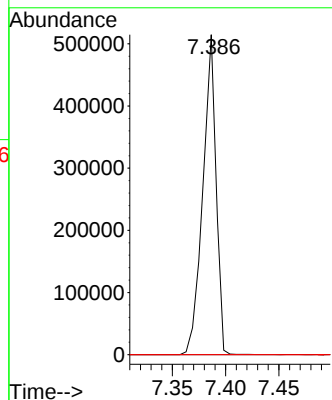
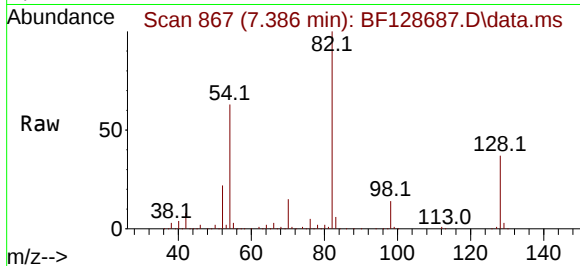




#25
Isophorone
Concen: 55.408 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

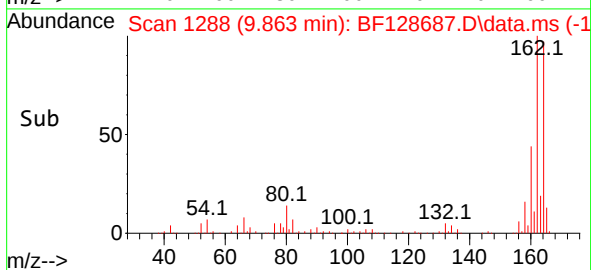
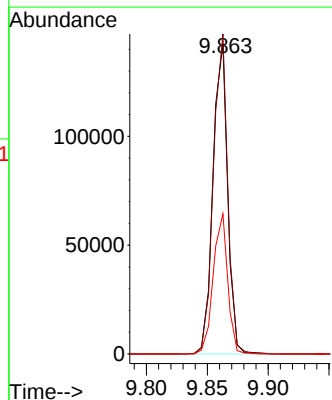
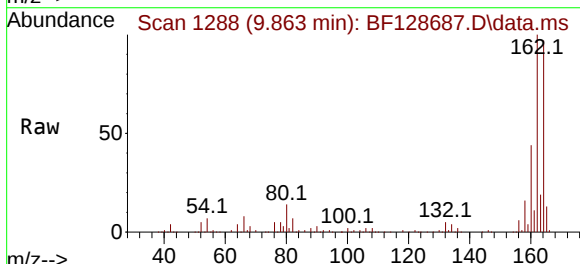
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 82 Resp: 448172
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:164 Resp: 119312
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.525 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128687.D

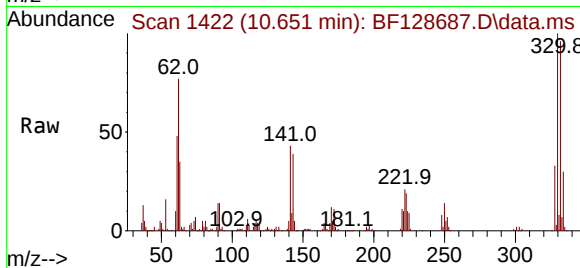
Acq: 03 Jun 2022 19:09

Instrument :

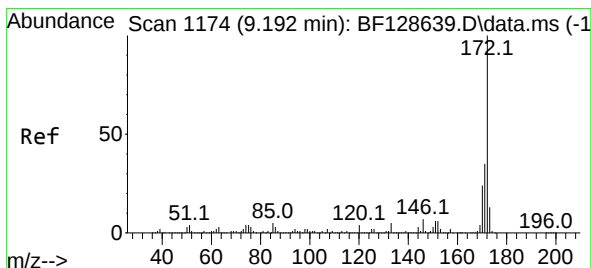
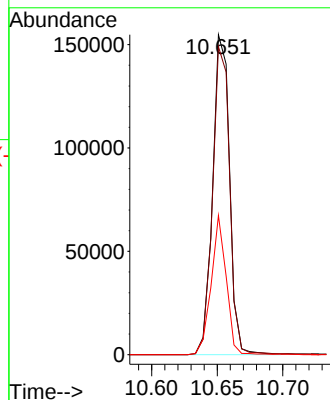
BNA_F

ClientSampleId :

RBR-346



Tgt Ion	330	Resp	138894
Ion Ratio	100		
Lower	76.8		
Upper	115.2		
332	97.4		
141	38.9		
	28.0		
	42.0		



#45

2-Fluorobiphenyl

Concen: 86.167 ng

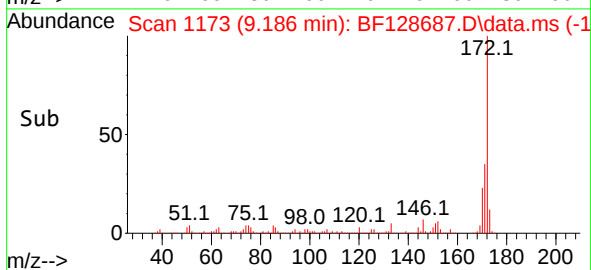
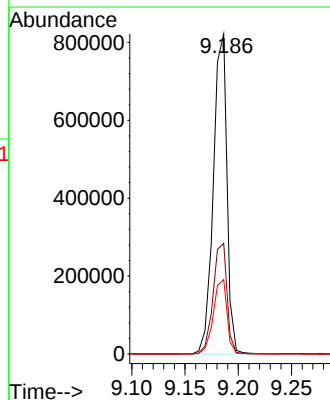
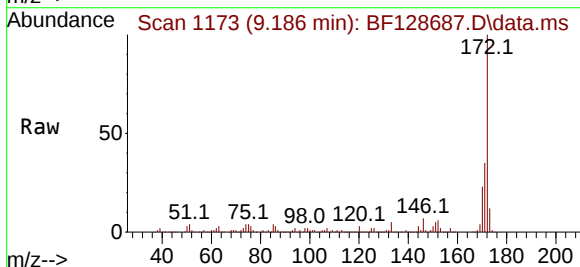
RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128687.D

Acq: 03 Jun 2022 19:09

Tgt Ion	172	Resp	733918
Ion Ratio	100		
Lower	28.8		
Upper	43.2		
171	34.6		
170	23.2		
	19.8		
	29.8		





#51

2,6-Dinitrotoluene

Concen: 9.627 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128687.D

Acq: 03 Jun 2022 19:09

Instrument :

BNA_F

ClientSampleId :

RBR-346

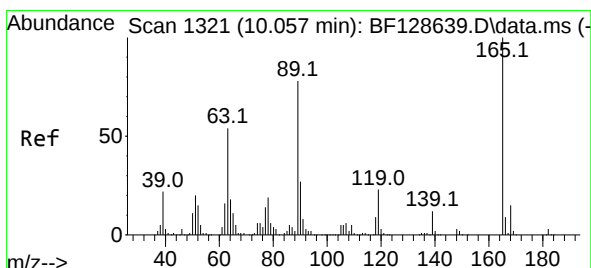
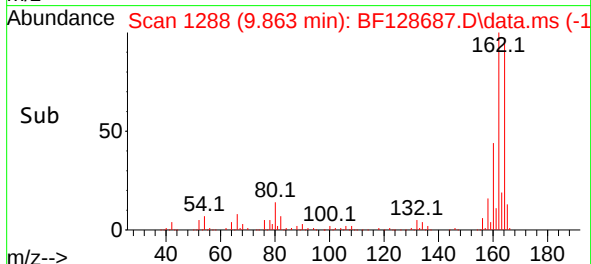
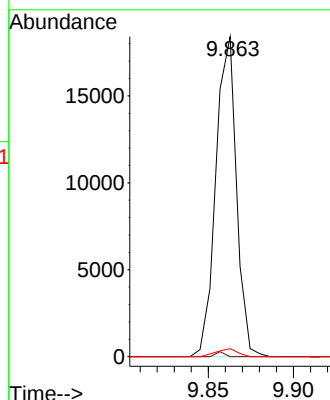
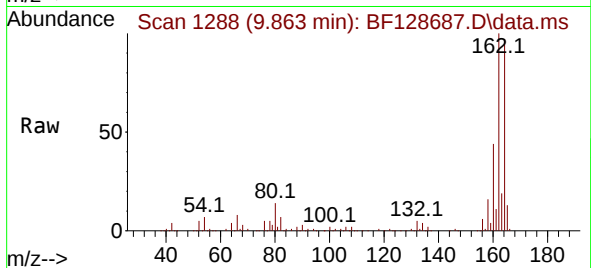
Tgt Ion:165 Resp: 15518

Ion Ratio Lower Upper

165 100

63 0.0 44.9 67.3#

89 2.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.214 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128687.D

Acq: 03 Jun 2022 19:09

Tgt Ion:165 Resp: 15518

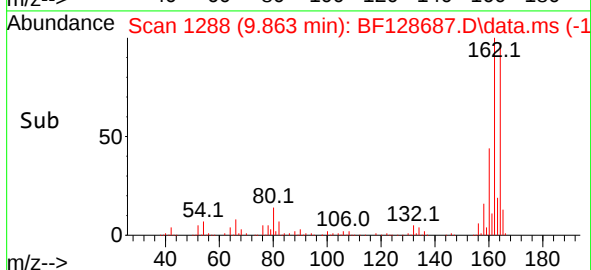
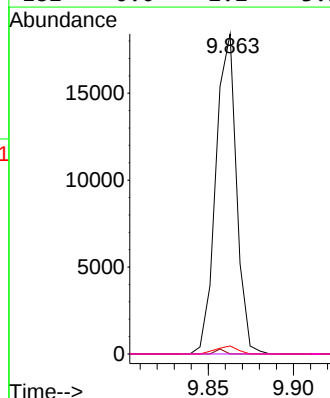
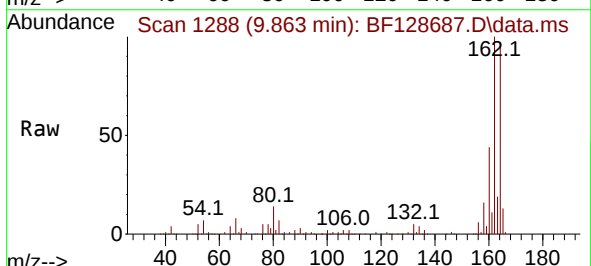
Ion Ratio Lower Upper

165 100

63 0.0 39.8 59.6#

89 2.5 60.2 90.2#

182 0.0 2.2 3.2#

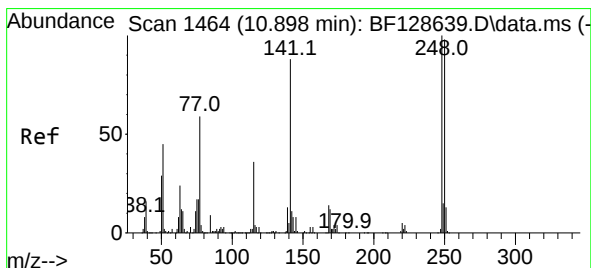
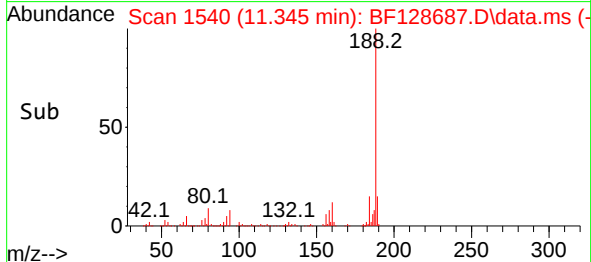
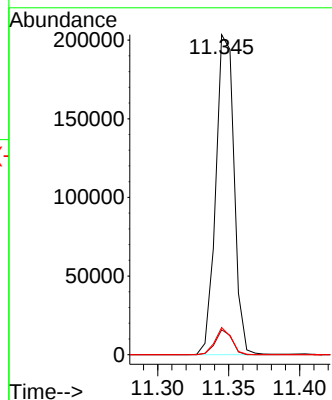
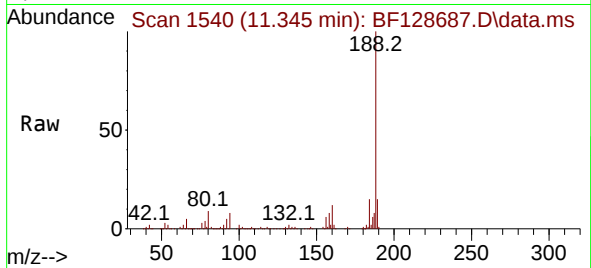




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

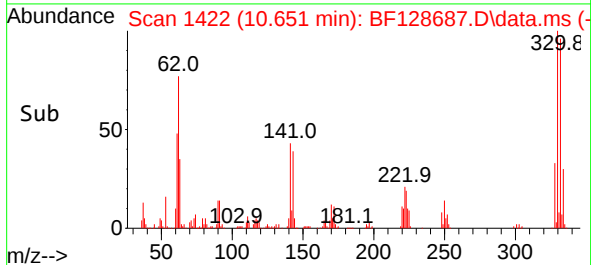
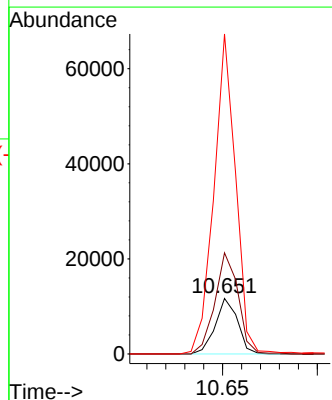
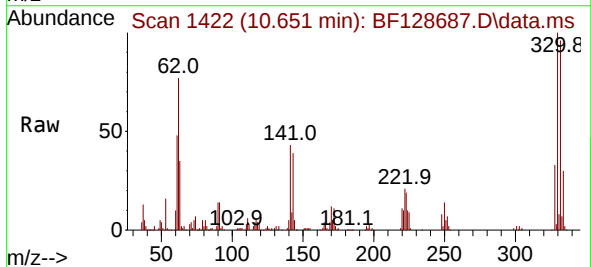
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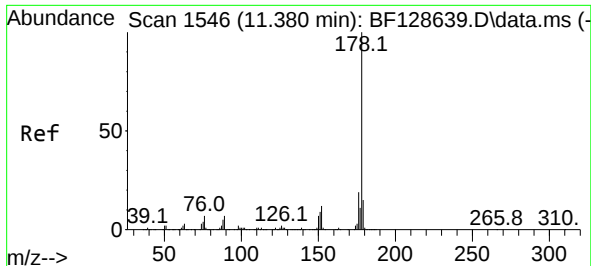
Tgt Ion:188 Resp: 182285
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.700 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.247 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:248 Resp: 9555
Ion Ratio Lower Upper
248 100
250 182.2 80.6 120.8#
141 576.1 58.9 88.3#

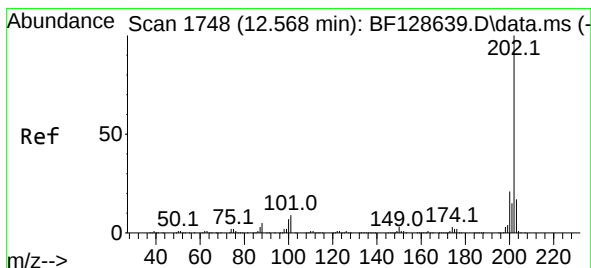
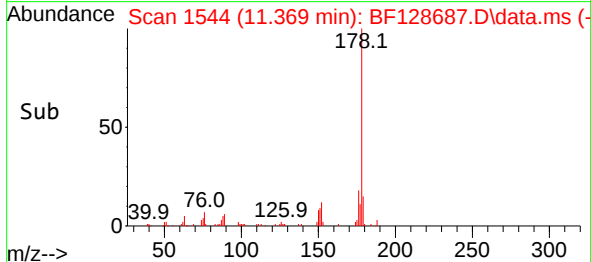
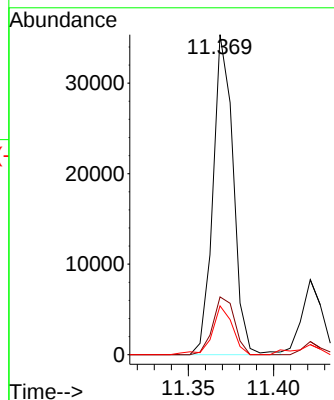
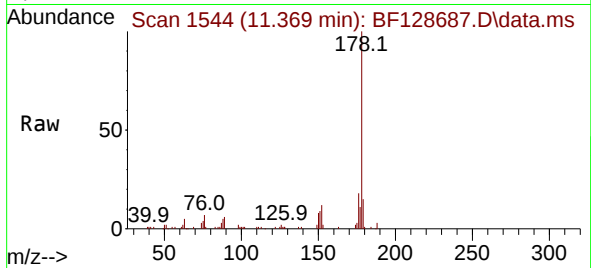




#71
Phenanthrene
Concen: 3.192 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

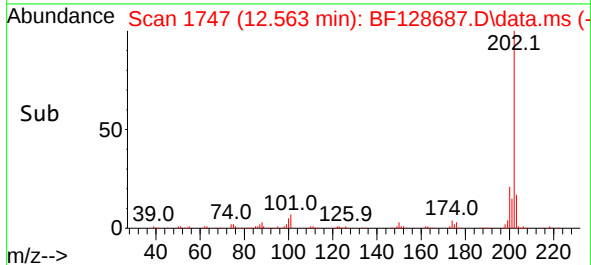
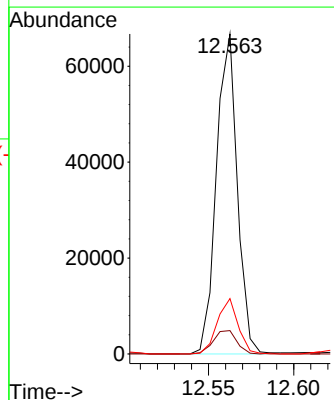
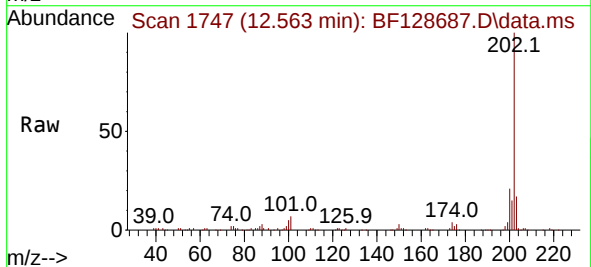
Instrument :
BNA_F
ClientSampleId :
RBR-346

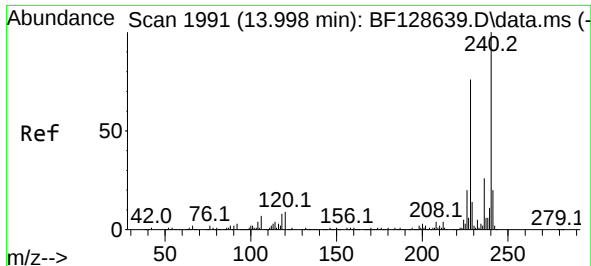
Tgt Ion:178	Resp:	29181
Ion Ratio	Lower	Upper
178	100	
176	18.0	16.0 24.0
179	15.2	12.6 19.0



#75
Fluoranthene
Concen: 5.967 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:202	Resp:	57029
Ion Ratio	Lower	Upper
202	100	
101	7.3	0.0 31.4
203	17.3	0.0 38.0

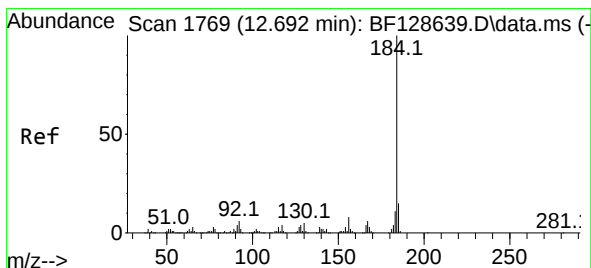
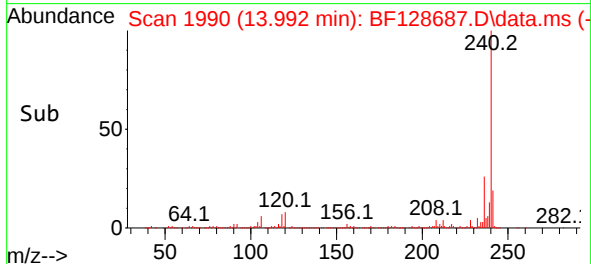
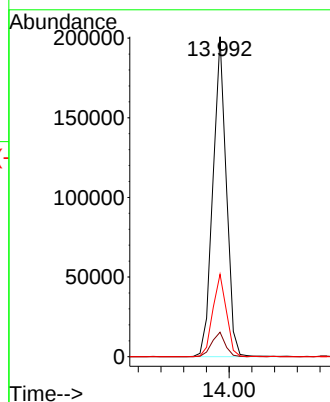
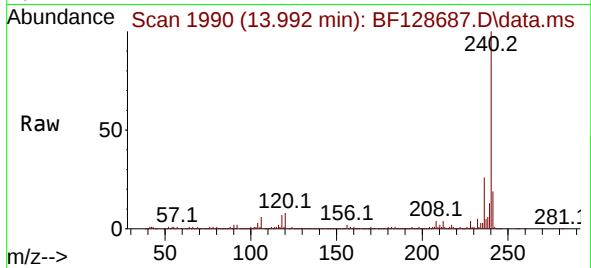




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

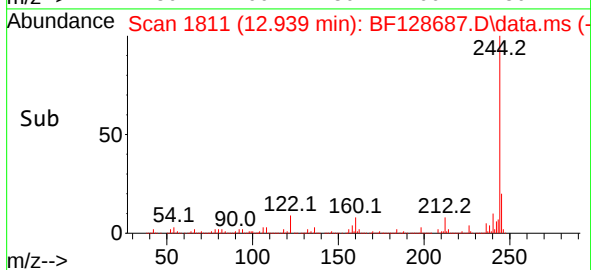
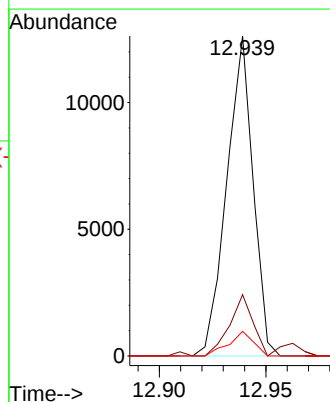
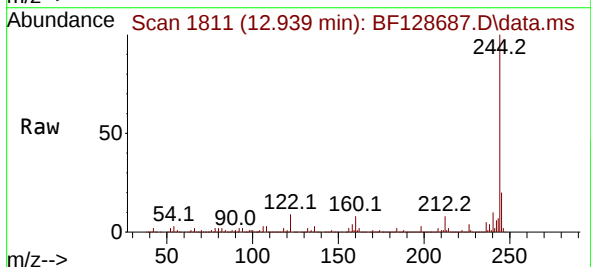
Instrument :
BNA_F
ClientSampleId :
RBR-346

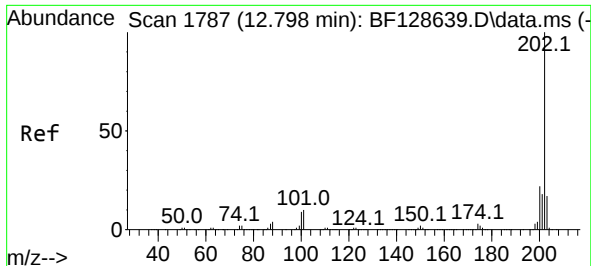
Tgt Ion:240 Resp: 163926
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 3.315 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:184 Resp: 10833
Ion Ratio Lower Upper
184 100
185 19.1 11.9 17.9#
183 7.7 9.3 13.9#

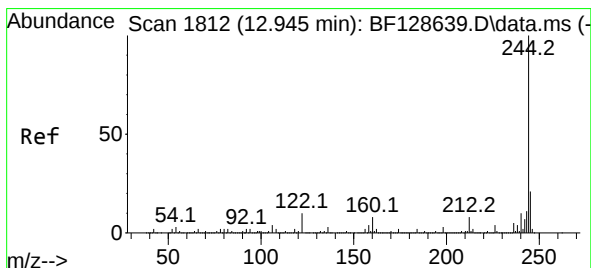
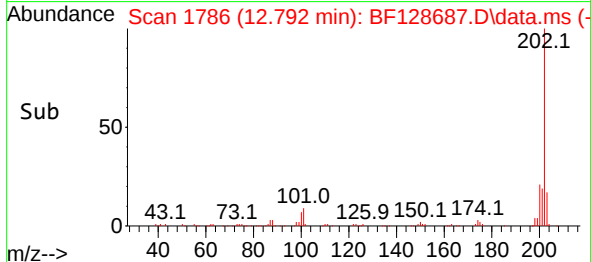
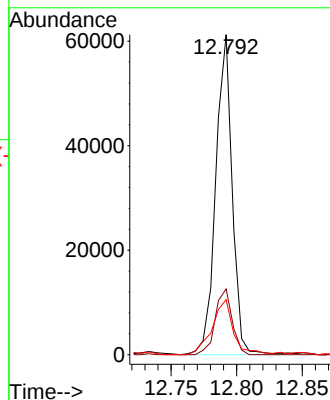
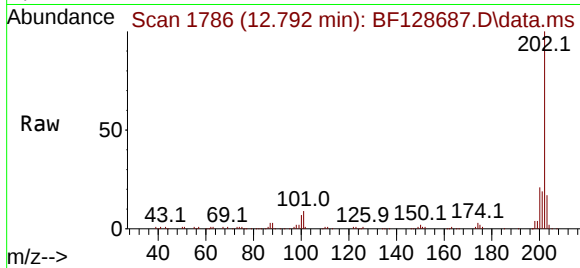




#78
Pyrene
Concen: 4.387 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

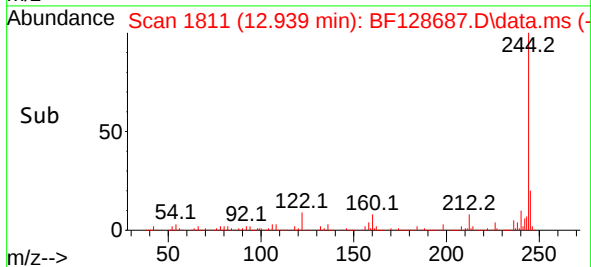
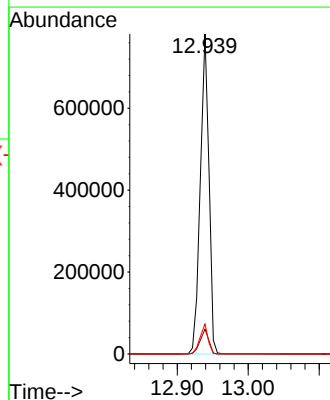
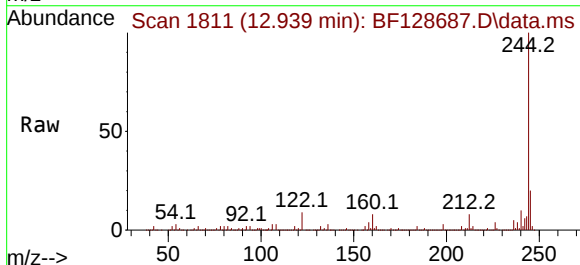
Instrument :
BNA_F
ClientSampleId :
RBR-346

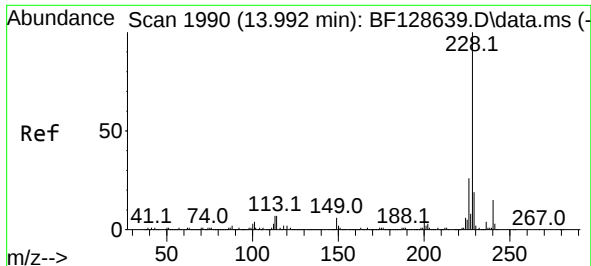
Tgt Ion:202 Resp: 53505
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 70.278 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:244 Resp: 662990
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 9.4 8.8 13.2

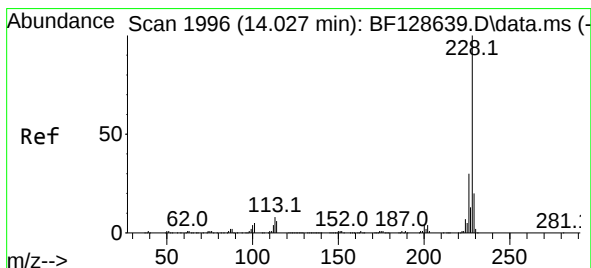
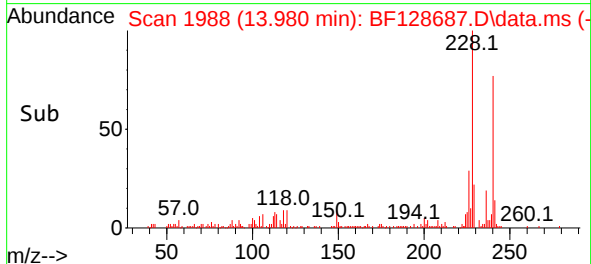
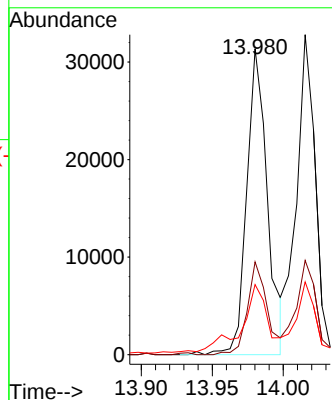
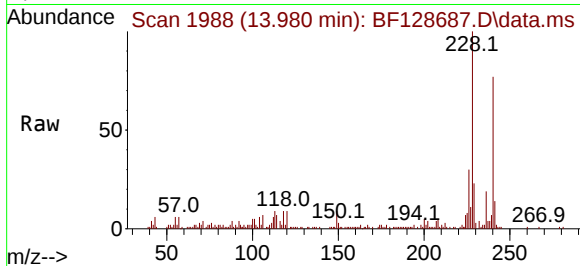




#81
Benzo(a)anthracene
Concen: 3.117 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

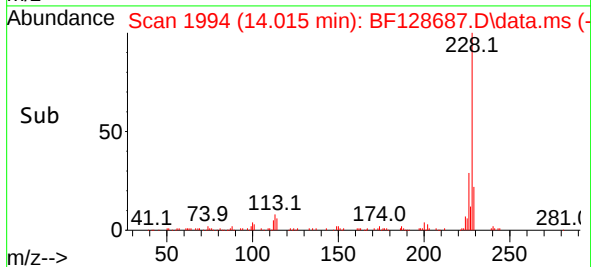
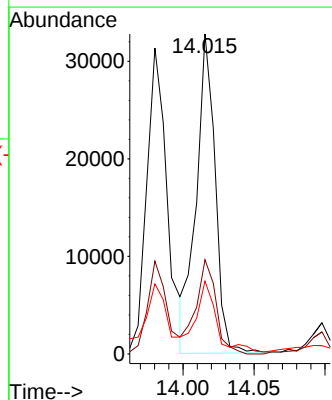
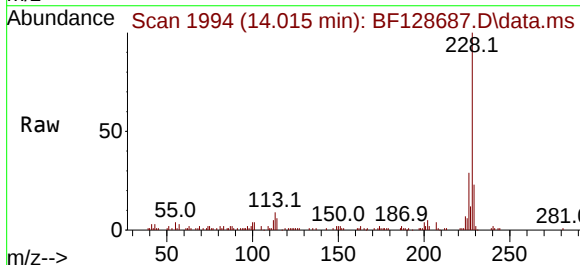
Instrument :
BNA_F
ClientSampleId :
RBR-346

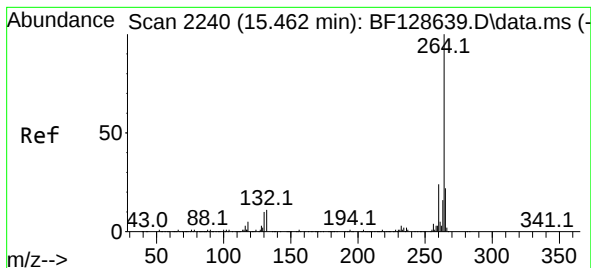
Tgt Ion:228 Resp: 31853
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 22.9 15.8 23.8



#83
Chrysene
Concen: 3.115 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:228 Resp: 30350
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 22.8 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF128687.D

Acq: 03 Jun 2022 19:09

Instrument :

BNA_F

ClientSampleId :

RBR-346

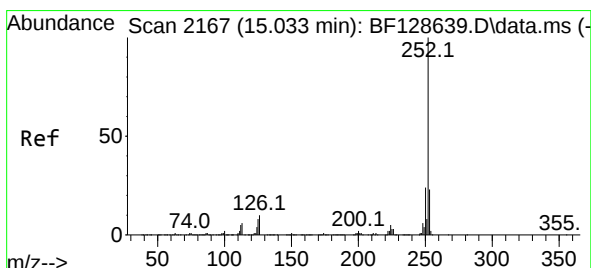
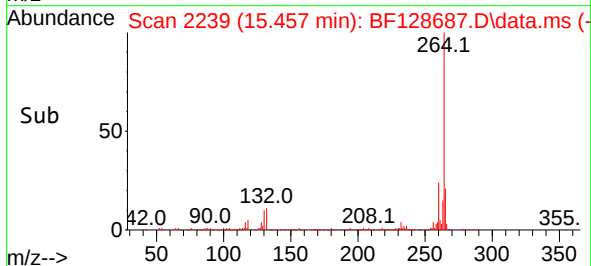
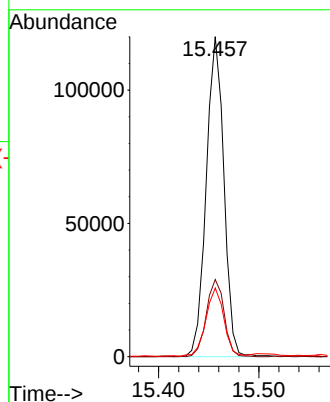
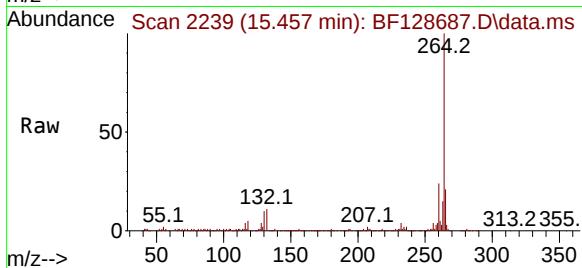
Tgt Ion:264 Resp: 147346

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 5.314 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BF128687.D

Acq: 03 Jun 2022 19:09

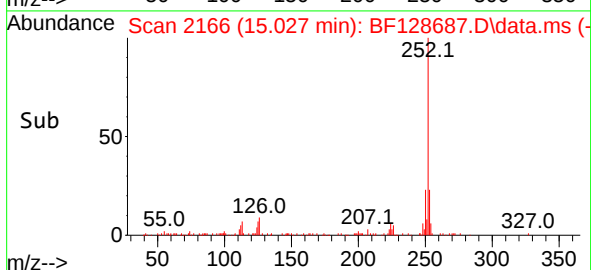
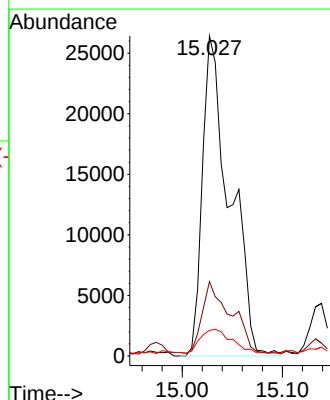
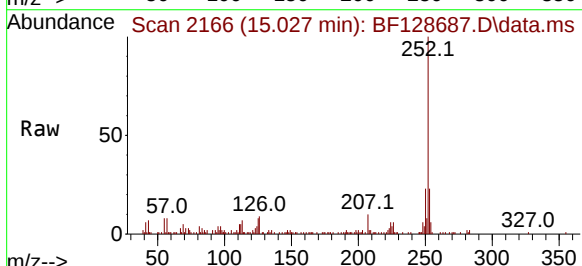
Tgt Ion:252 Resp: 50028

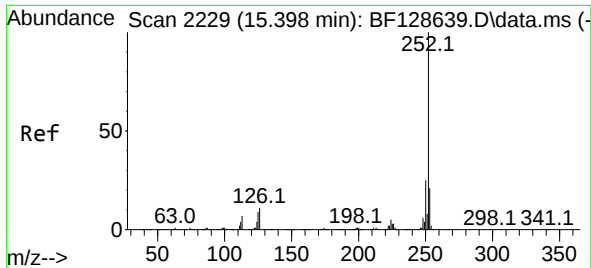
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 8.0 8.0 12.0





#90
 Benzo(a)pyrene
 Concen: 3.376 ng
 RT: 15.392 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128687.D
 Acq: 03 Jun 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Tgt Ion:252 Resp: 24986
 Ion Ratio Lower Upper
 252 100
 253 26.9 17.0 25.6#
 125 9.0 8.8 13.2

