

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128695.D
 Acq On : 06 Jun 2022 14:25
 Operator : CG\JU
 Sample : N3170-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-BRE

Quant Time: Jun 07 02:42:16 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)

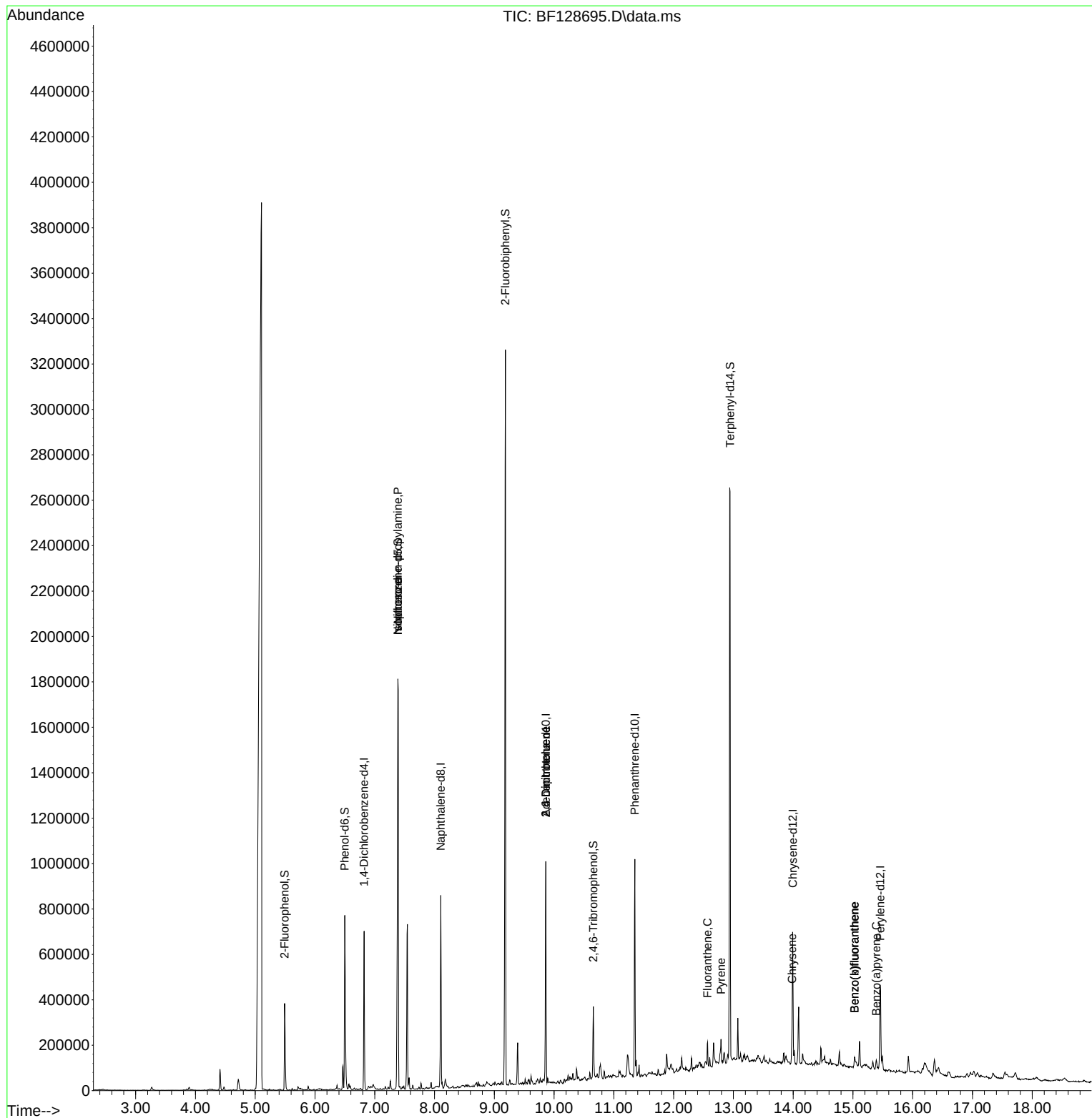
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	85108	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	325084	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	183810	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323267	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	180316	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	173542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	89117	16.679	ng	0.02
7) Phenol-d6	6.498	99	243805	37.380	ng	0.00
23) Nitrobenzene-d5	7.387	82	678341	97.152	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	12670	5.834	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	984536	75.031	ng	0.00
79) Terphenyl-d14	12.945	244	900222	86.751	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	98638	24.323	ng	# 80
25) Isophorone	7.387	82	677092	63.849	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	24712	9.952	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	24712	7.457	ng	# 21
75) Fluoranthene	12.569	202	42196	2.490	ng	95
78) Pyrene	12.792	202	39151	2.918	ng	96
83) Chrysene	13.980	228	21731	2.028	ng	99
88) Benzo(b)fluoranthene	15.027	252	30576	2.757	ng	# 92
89) Benzo(k)fluoranthene	15.027	252	30576	2.931	ng	92
90) Benzo(a)pyrene	15.392	252	20080	2.304	ng	96

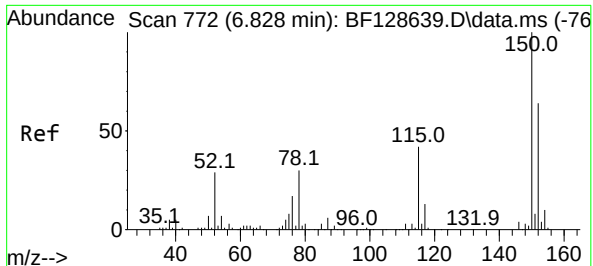
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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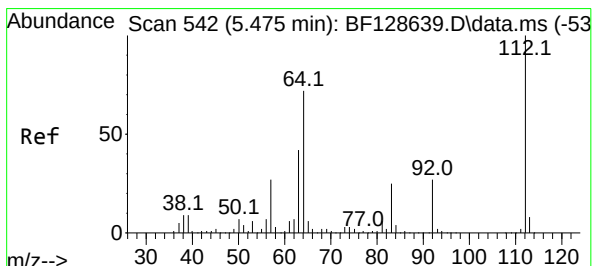
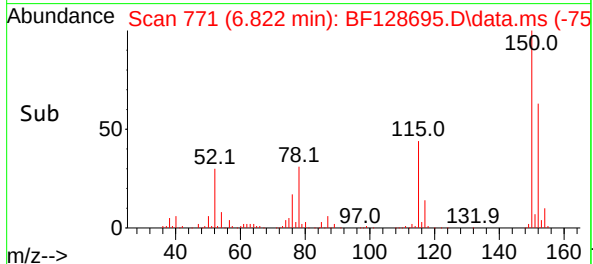
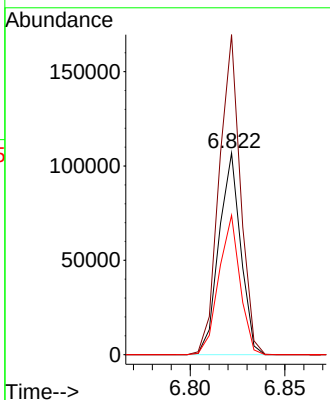
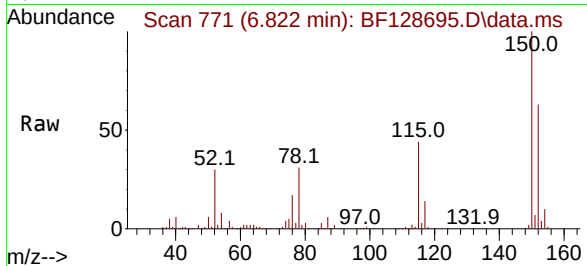




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

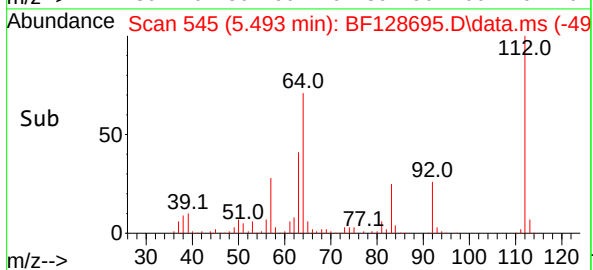
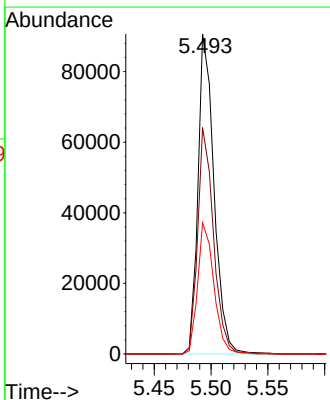
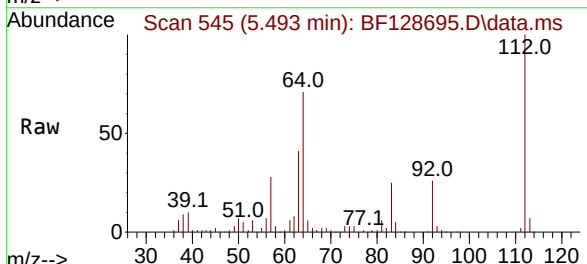
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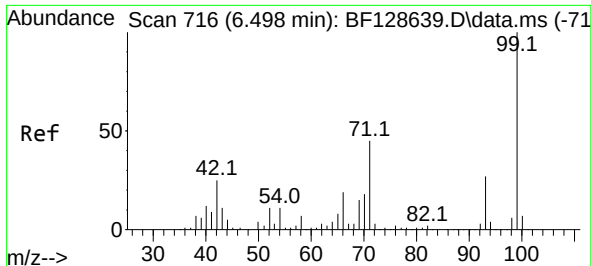
Tgt Ion:152 Resp: 85108
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 69.1 49.9 74.9



#5
2-Fluorophenol
Concen: 16.679 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:112 Resp: 89117
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 41.0 28.0 42.0

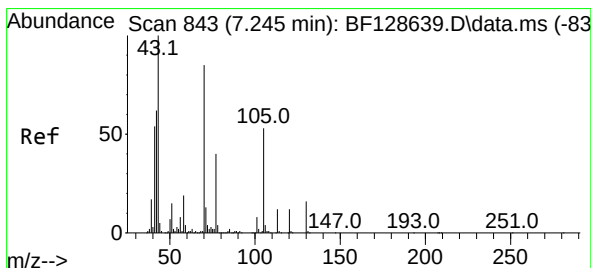
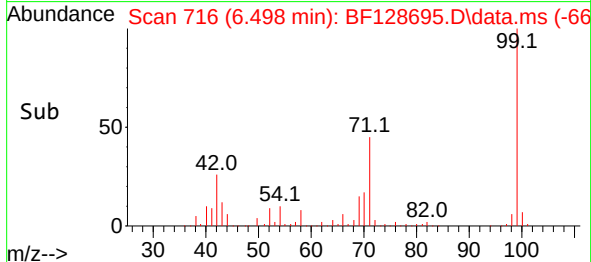
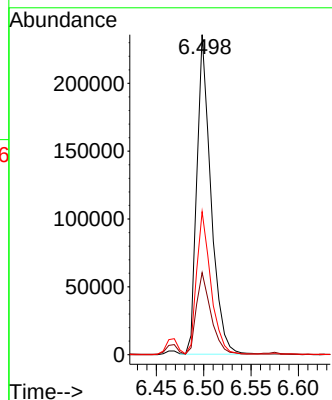
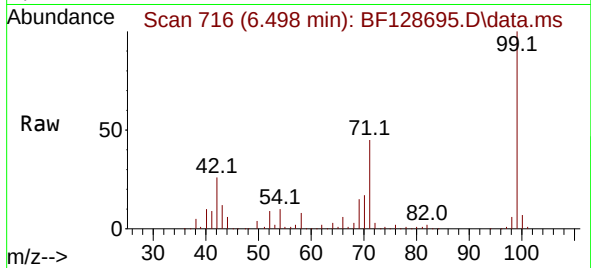




#7
Phenol-d6
Concen: 37.380 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

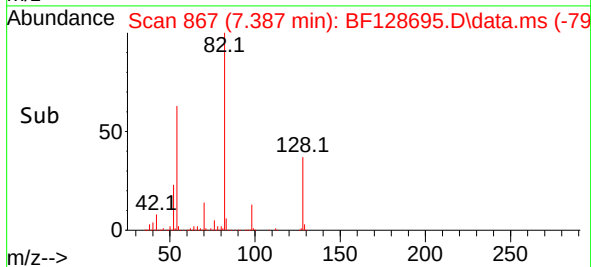
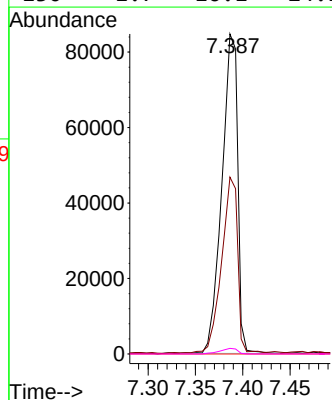
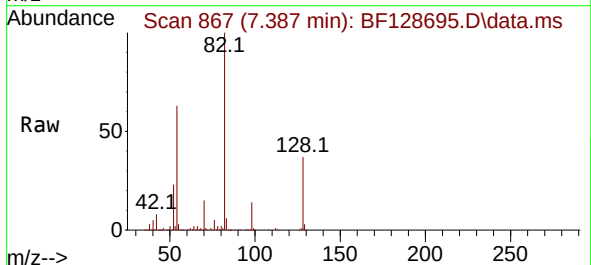
Instrument :
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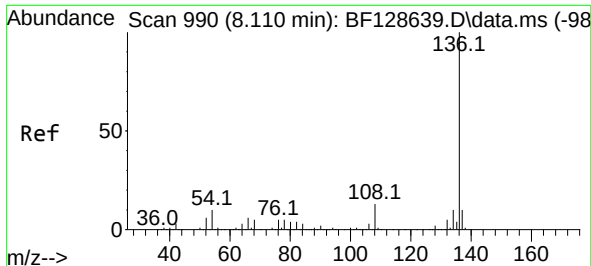
Tgt Ion: 99 Resp: 243805
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 44.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 24.323 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion: 70 Resp: 98638
Ion Ratio Lower Upper
70 100
42 55.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

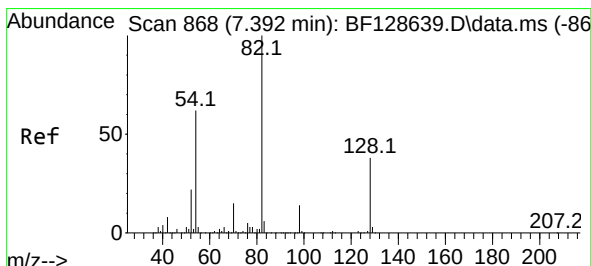
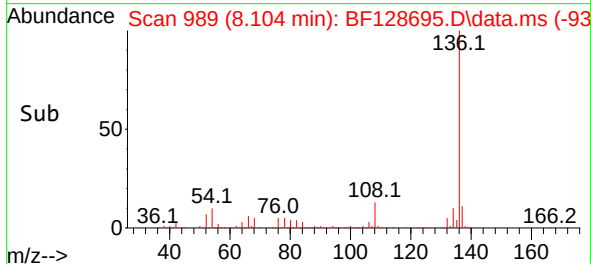
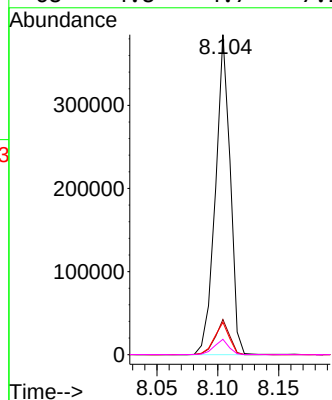
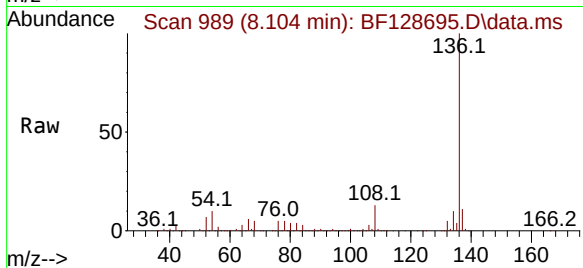




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

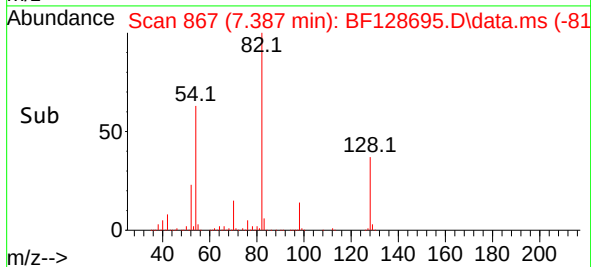
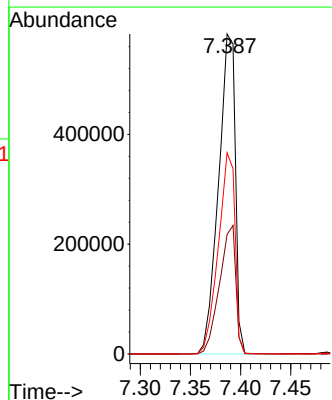
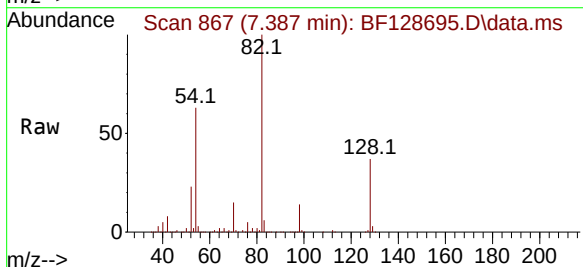
Instrument :
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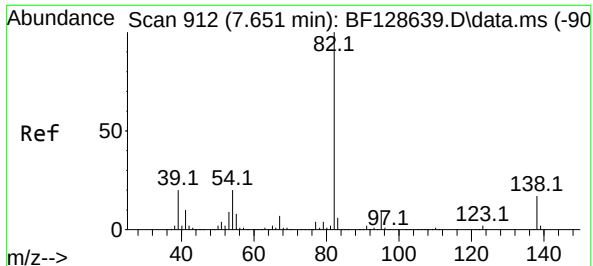
Tgt Ion:	136	Resp:	325084
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 97.152 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:	82	Resp:	678341
Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	62.8	46.9	70.3

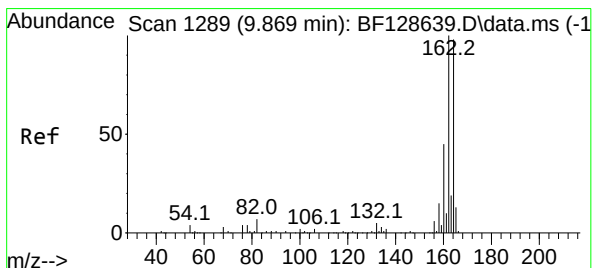
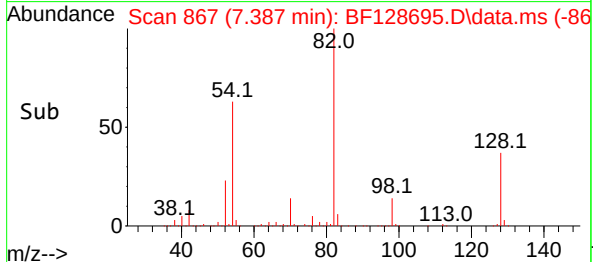
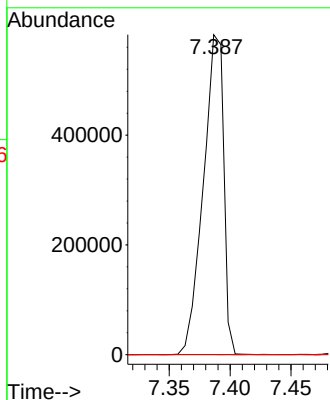
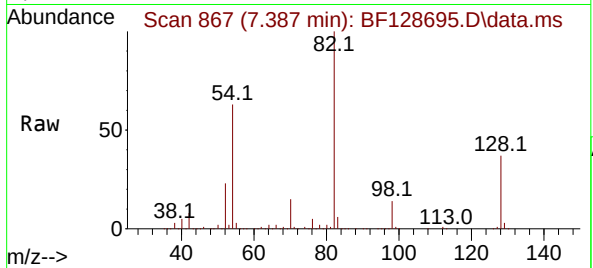




#25
Isophorone
Concen: 63.849 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

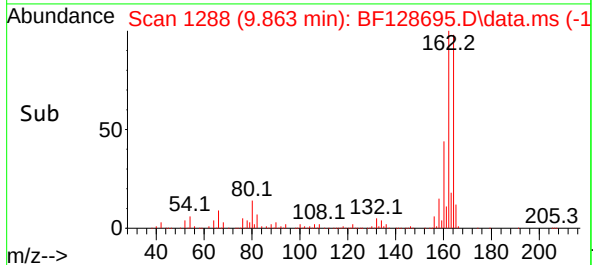
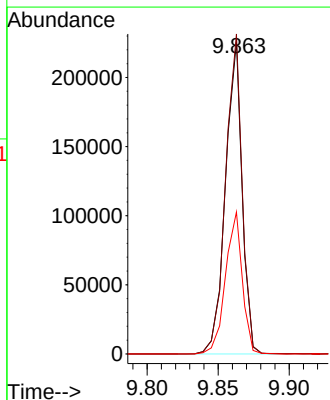
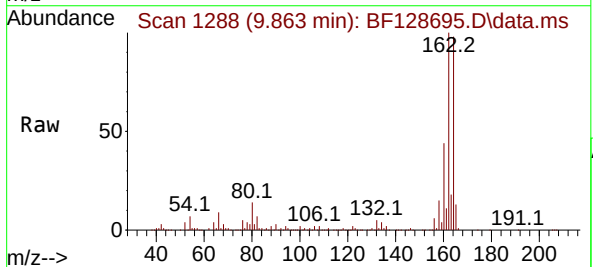
Instrument :
BNA_F
ClientSampleId :
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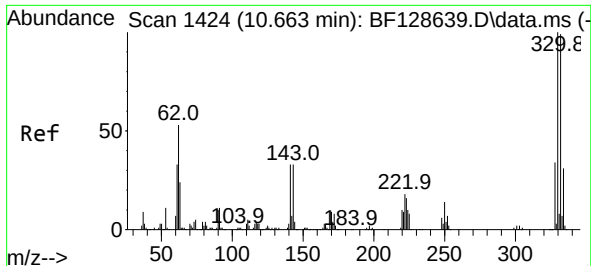
Tgt Ion: 82 Resp: 677092
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:164 Resp: 183810
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 5.834 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128695.D

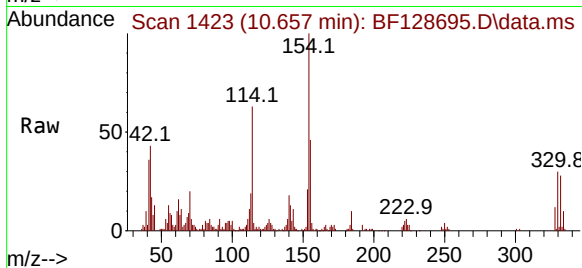
Acq: 06 Jun 2022 14:25

Instrument :

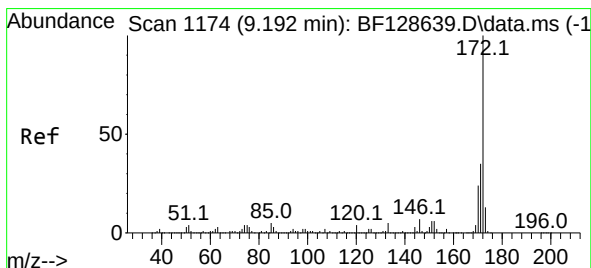
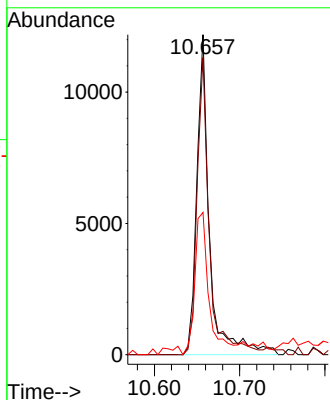
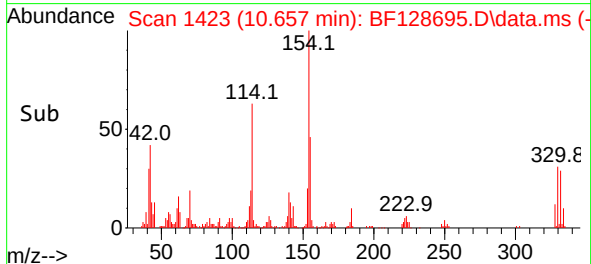
BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE



Tgt Ion:	330	Resp:	12670
Ion Ratio	Lower	Upper	
330	100		
332	89.4	76.8	115.2
141	49.1	28.0	42.0



#45

2-Fluorobiphenyl

Concen: 75.031 ng

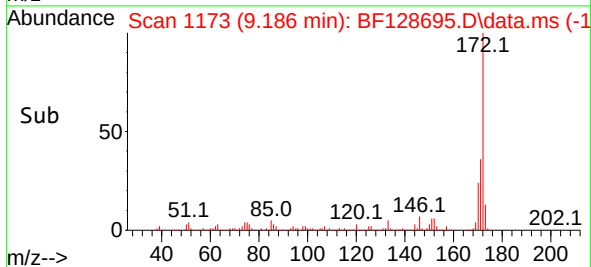
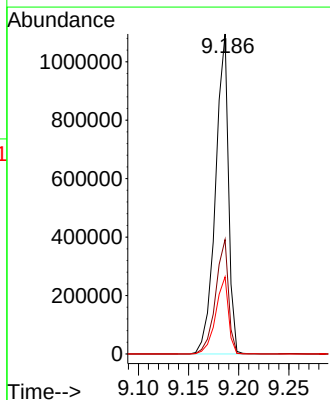
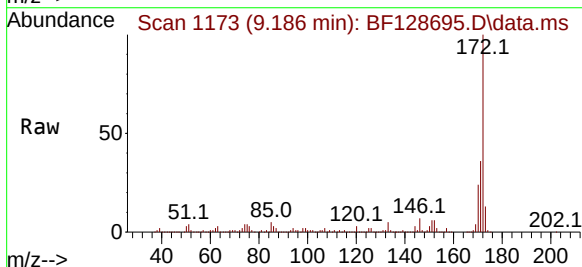
RT: 9.186 min Scan# 1173

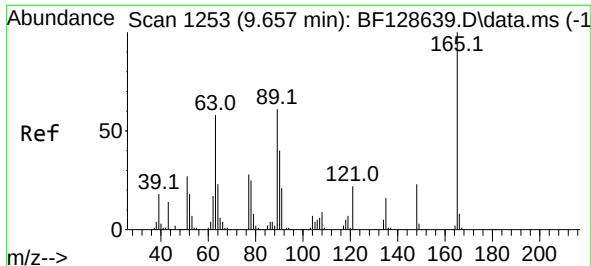
Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

Tgt Ion:	172	Resp:	984536
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.8	43.2
170	24.1	19.8	29.8

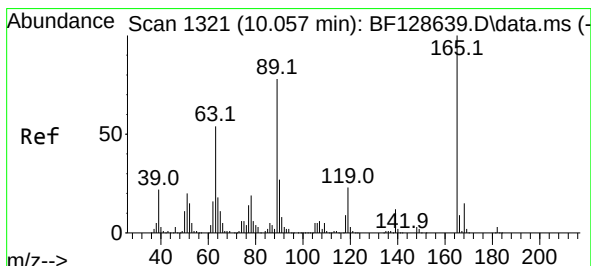
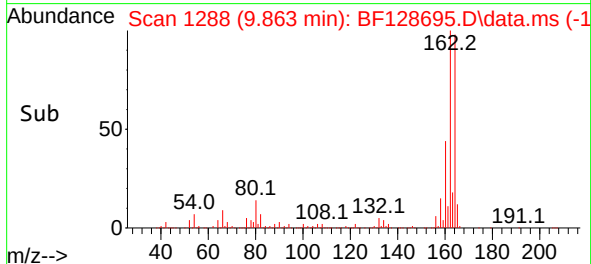
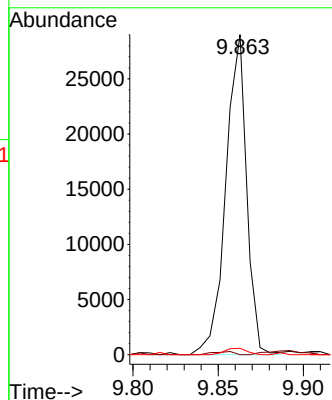
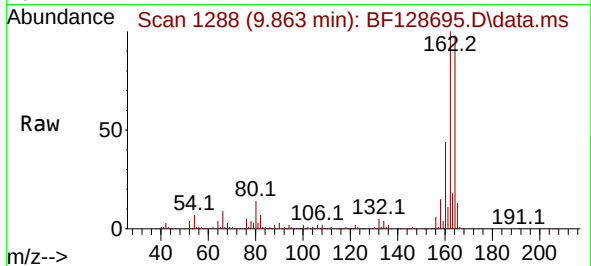




#51
2,6-Dinitrotoluene
Concen: 9.952 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

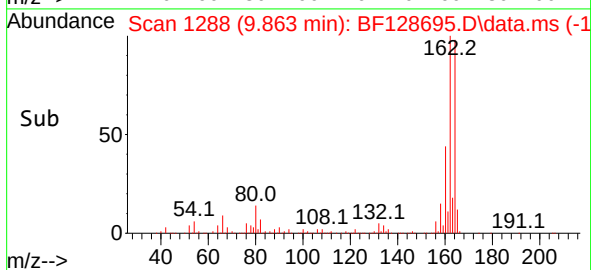
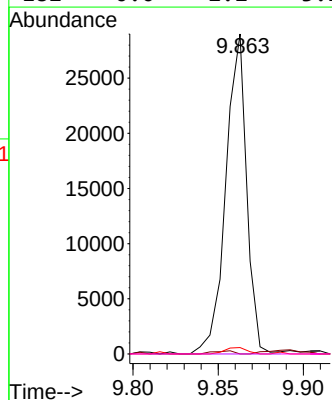
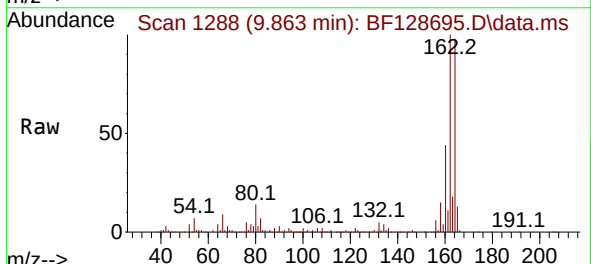
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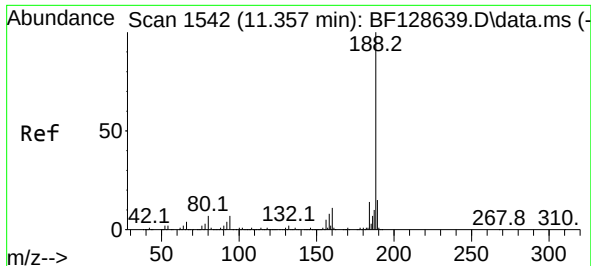
Tgt Ion:165 Resp: 24712
Ion Ratio Lower Upper
165 100
63 0.0 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.457 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:165 Resp: 24712
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#

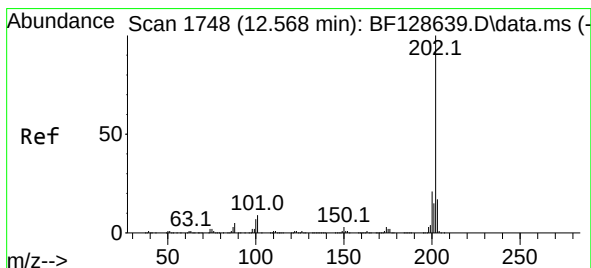
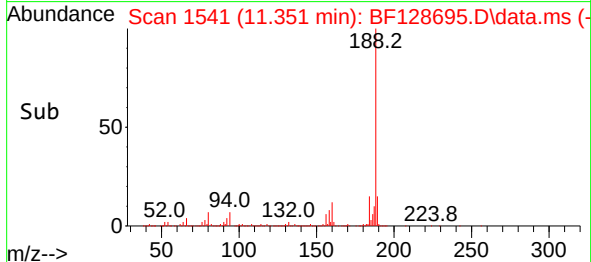
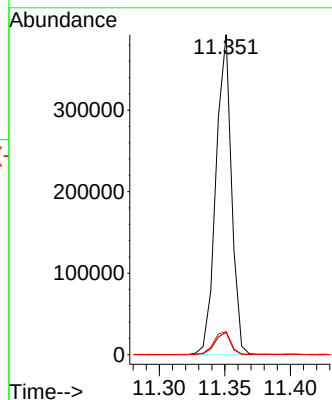
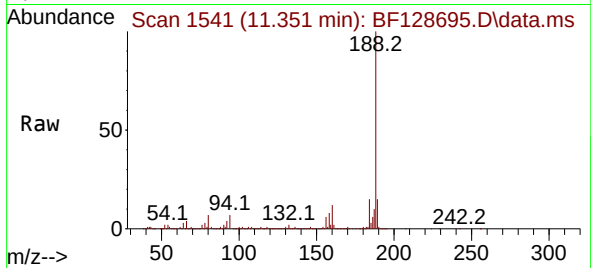




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

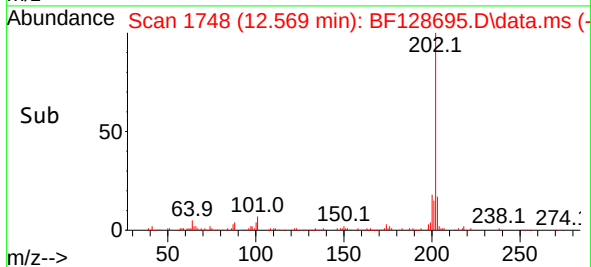
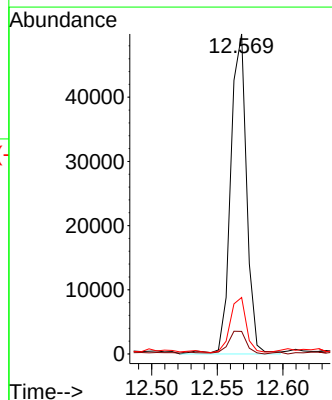
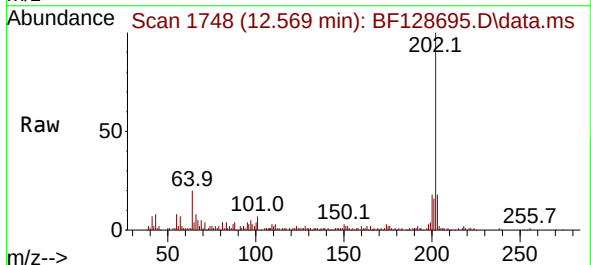
Instrument :
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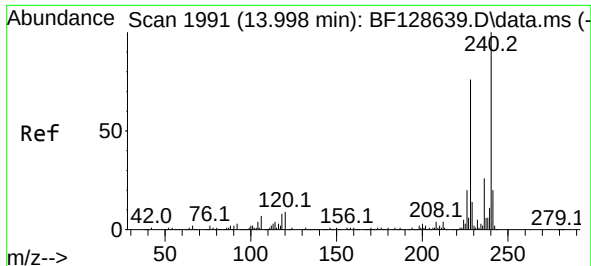
Tgt Ion:188 Resp: 323267
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.2 7.6 11.4#



#75
Fluoranthene
Concen: 2.490 ng
RT: 12.569 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:202 Resp: 42196
Ion Ratio Lower Upper
202 100
101 7.0 0.0 31.4
203 17.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128695.D

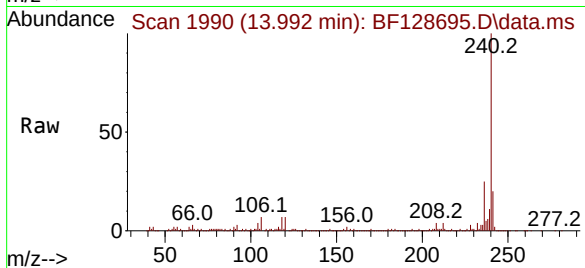
Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE



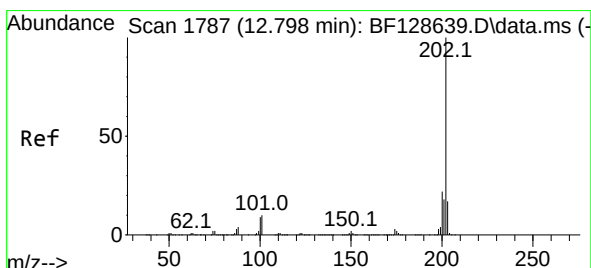
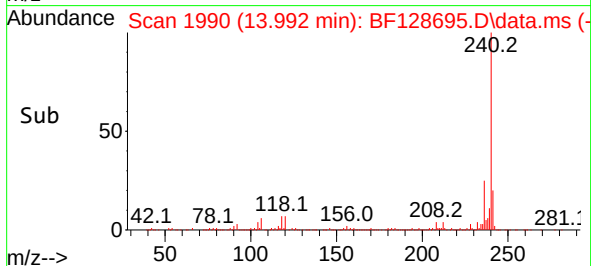
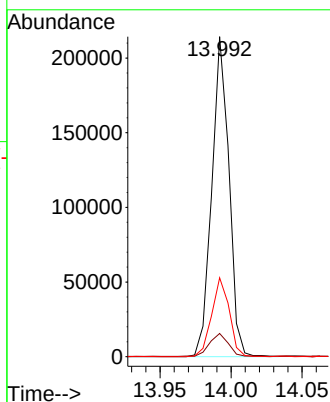
Tgt Ion:240 Resp: 180316

Ion Ratio Lower Upper

240 100

120 7.2 8.9 13.3#

236 24.7 20.8 31.2



#78

Pyrene

Concen: 2.918 ng

RT: 12.792 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

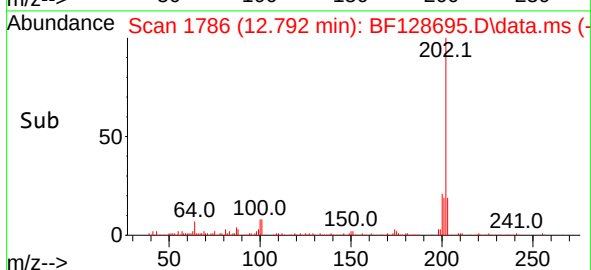
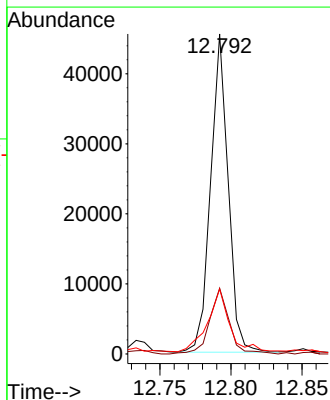
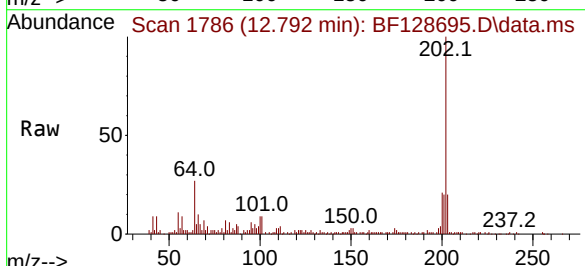
Tgt Ion:202 Resp: 39151

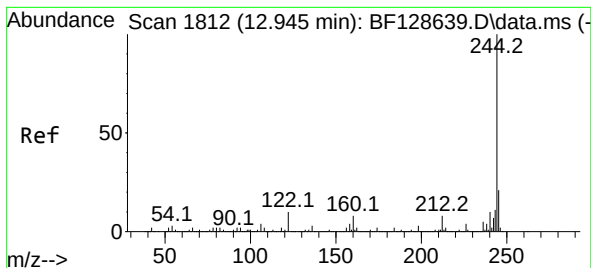
Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

203 20.3 14.6 21.8





#79

Terphenyl-d14

Concen: 86.751 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128695.D

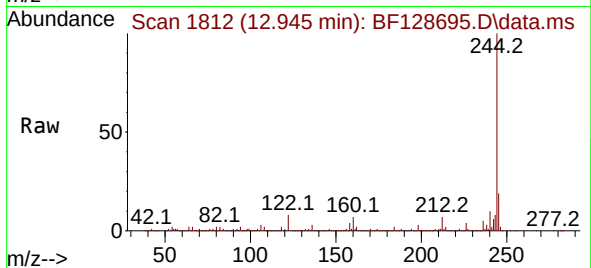
Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE



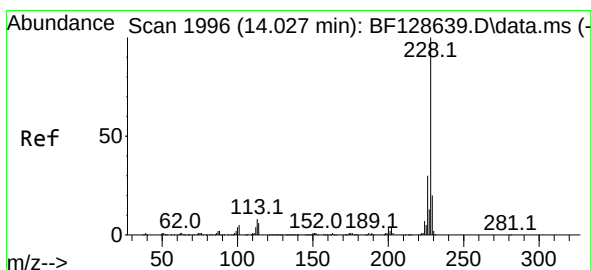
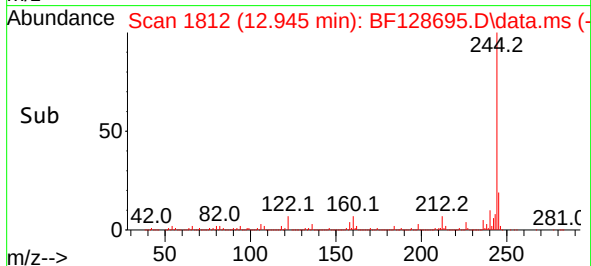
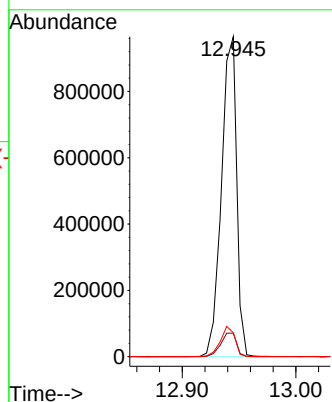
Tgt Ion:244 Resp: 900222

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.5 8.8 13.2#



#83

Chrysene

Concen: 2.028 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.047 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

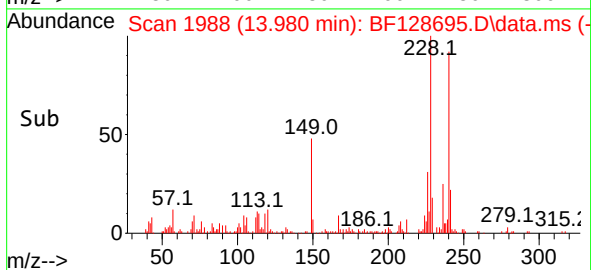
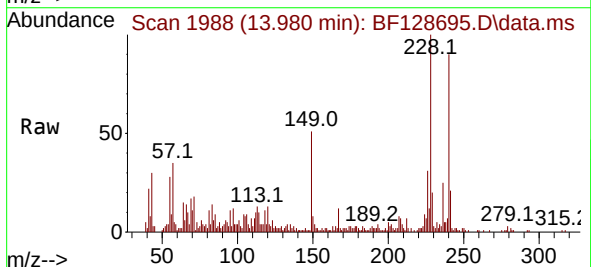
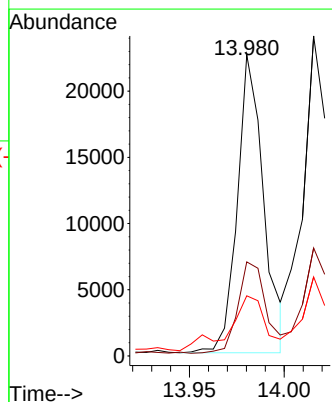
Tgt Ion:228 Resp: 21731

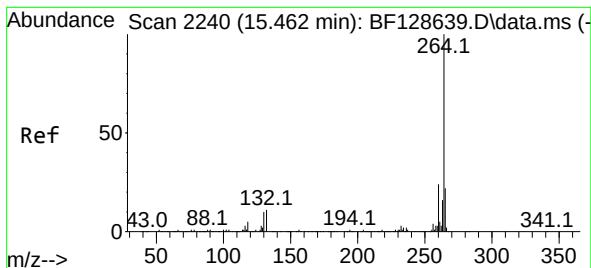
Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 20.0 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: BF128695.D

Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE

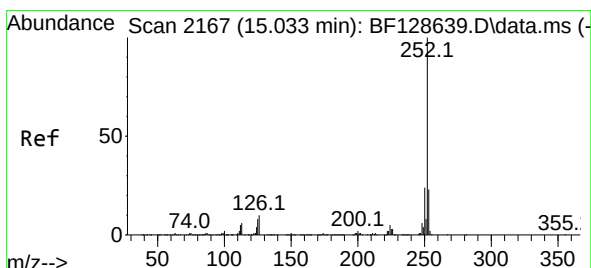
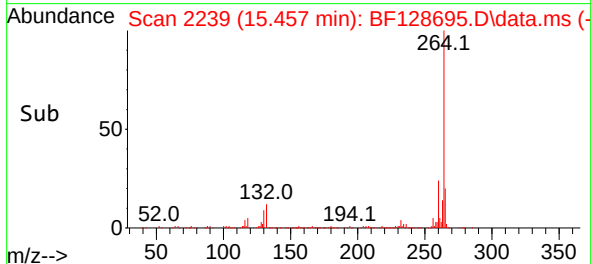
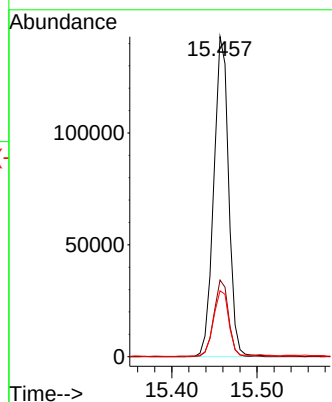
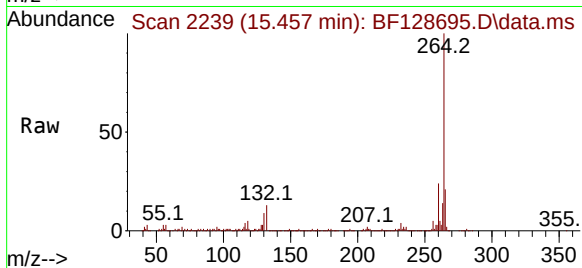
Tgt Ion:264 Resp: 173542

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.6 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.757 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

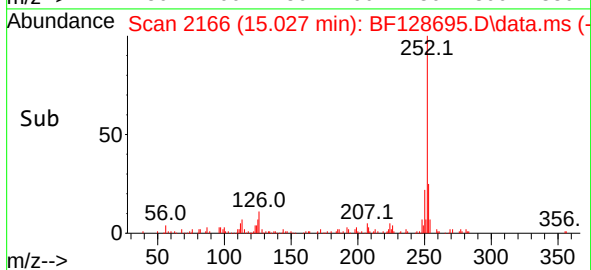
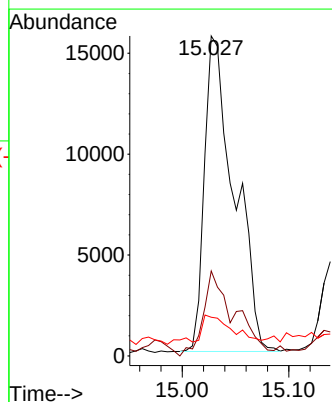
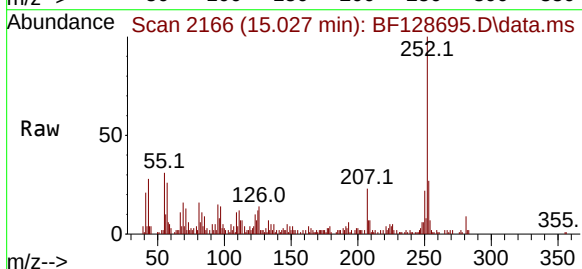
Tgt Ion:252 Resp: 30576

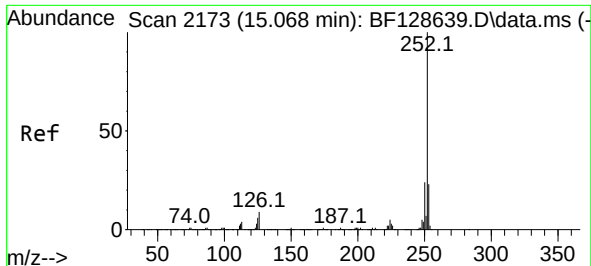
Ion Ratio Lower Upper

252 100

253 26.5 17.7 26.5#

125 12.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.931 ng

RT: 15.027 min Scan# 2173

Delta R.T. -0.041 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE

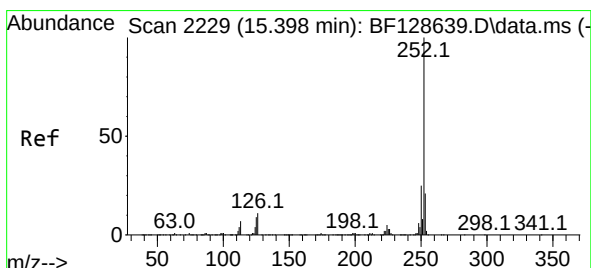
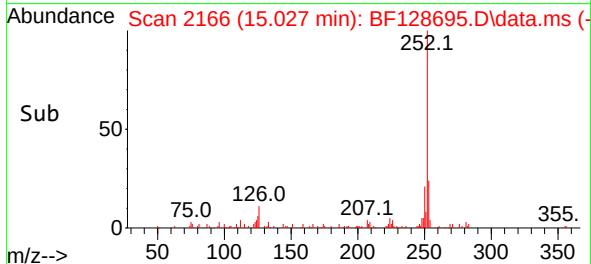
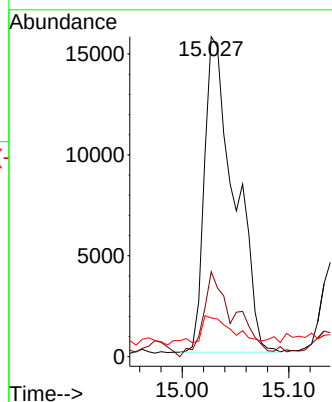
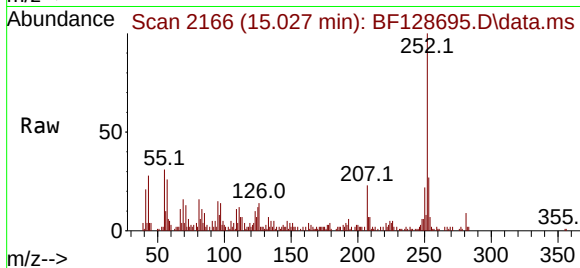
Tgt Ion:252 Resp: 30576

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.6

125 12.1 8.3 12.5



#90

Benzo(a)pyrene

Concen: 2.304 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

Tgt Ion:252 Resp: 20080

Ion Ratio Lower Upper

252 100

253 18.9 17.0 25.6

125 10.3 8.8 13.2

