

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128714.D
 Acq On : 07 Jun 2022 13:47
 Operator : CG\JU
 Sample : N3189-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-C

Quant Time: Jun 08 00:26:04 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)

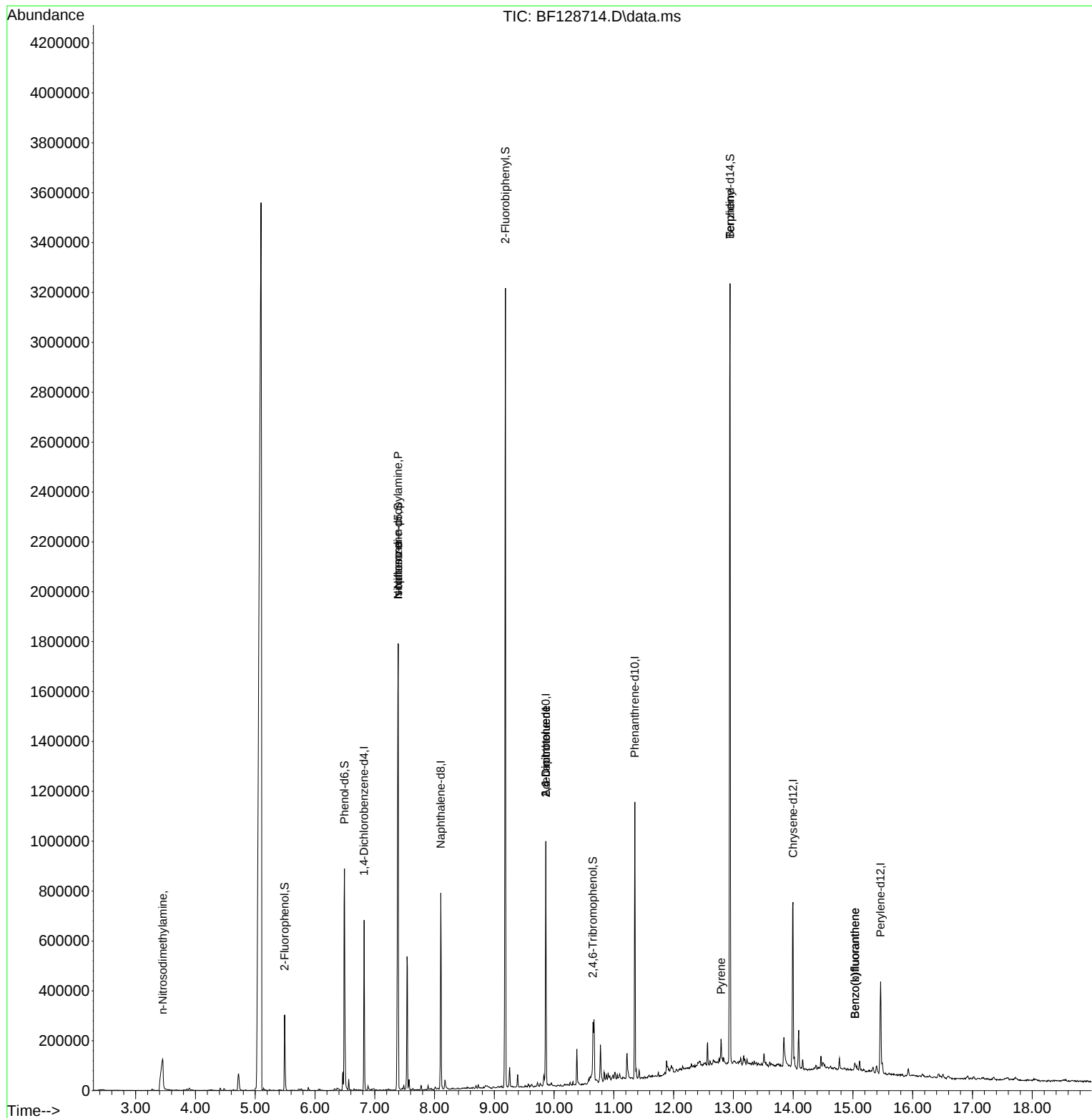
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	80302	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	309691	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	177232	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	365563	20.000	ng	0.00
76) Chrysene-d12	13.998	240	229934	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	162258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	66050	13.101	ng	0.02
7) Phenol-d6	6.492	99	273760	44.485	ng	0.00
23) Nitrobenzene-d5	7.392	82	624621	93.905	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	19338	9.235	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	937230	74.076	ng	0.00
79) Terphenyl-d14	12.945	244	1061866	80.246	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.451	42	9575	2.777	ng	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	90871	23.749	ng	# 79
25) Isophorone	7.392	82	623615	61.730	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	23101	9.648	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	23101	7.230	ng	# 21
77) Benzidine	12.945	184	16835	3.673	ng	# 92
78) Pyrene	12.792	202	37499	2.192	ng	98
88) Benzo(b)fluoranthene	15.033	252	21445	2.068	ng	95
89) Benzo(k)fluoranthene	15.033	252	21445	2.199	ng	96

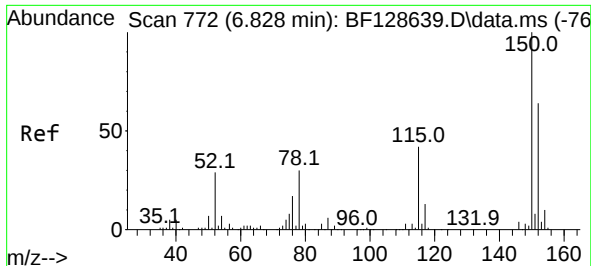
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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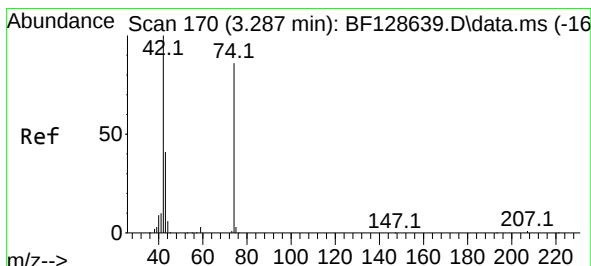
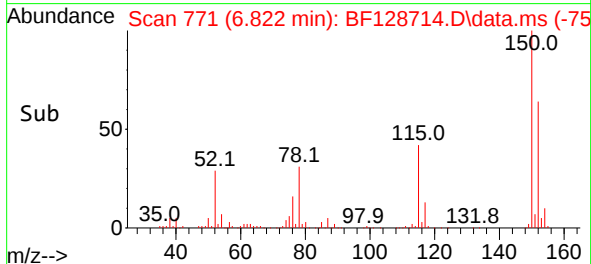
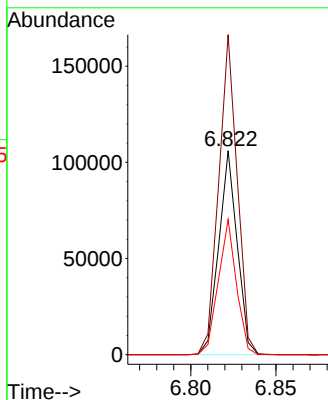
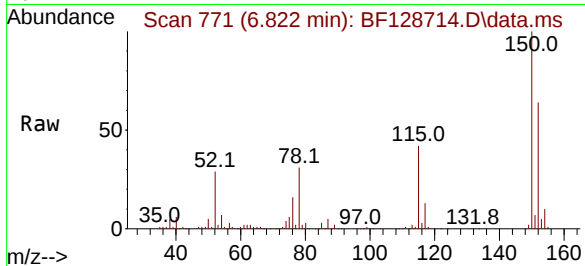




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

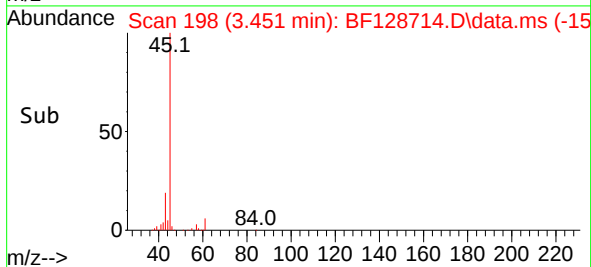
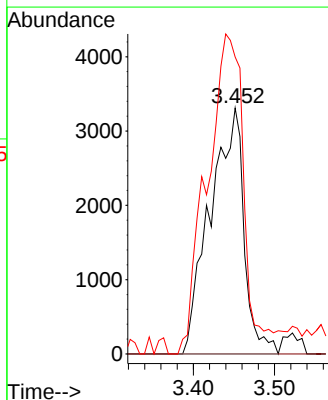
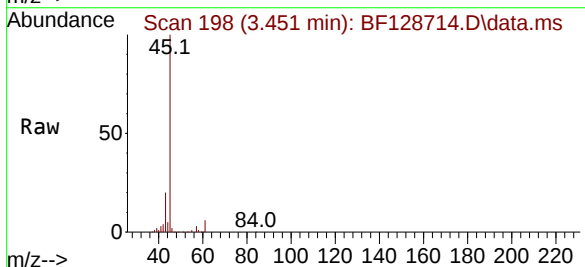
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

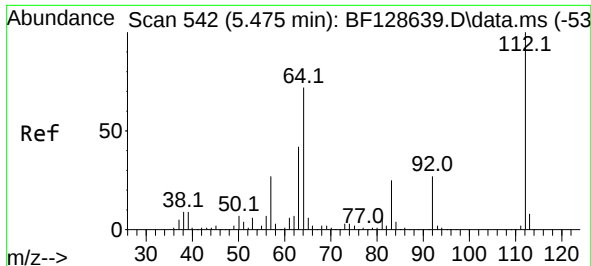
Tgt Ion:152 Resp: 80302
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 66.3 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 2.777 ng
RT: 3.451 min Scan# 198
Delta R.T. 0.164 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion: 42 Resp: 9575
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 120.7 6.6 10.0#

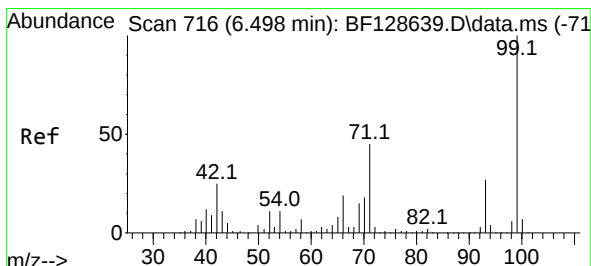
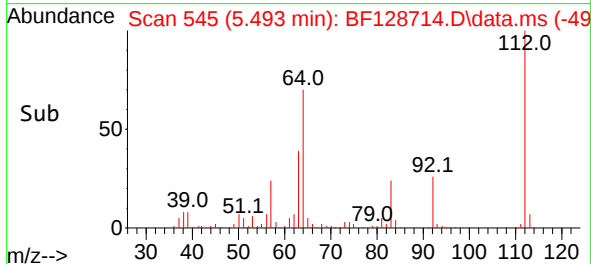
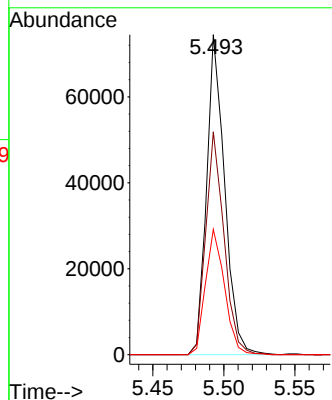
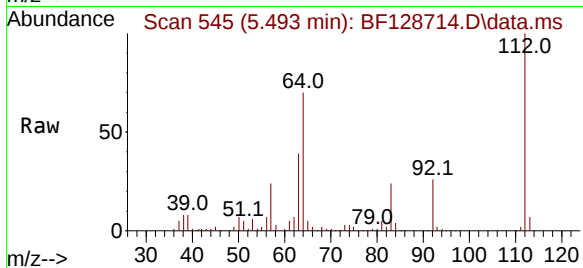




#5
2-Fluorophenol
Concen: 13.101 ng
RT: 5.493 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

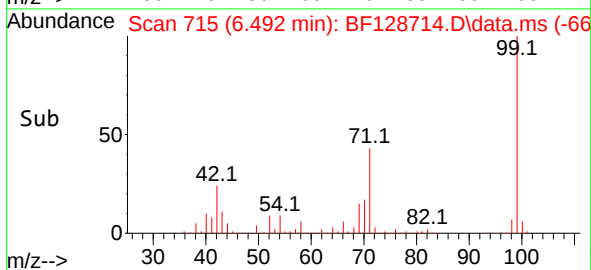
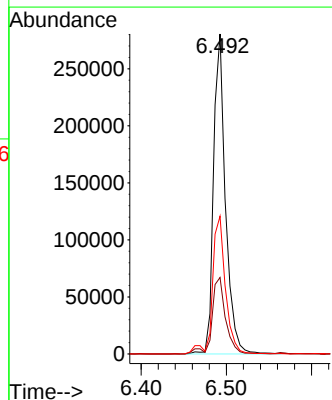
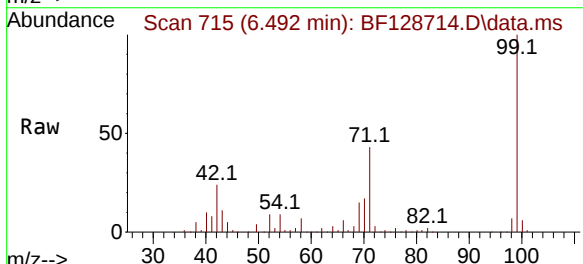
Instrument :
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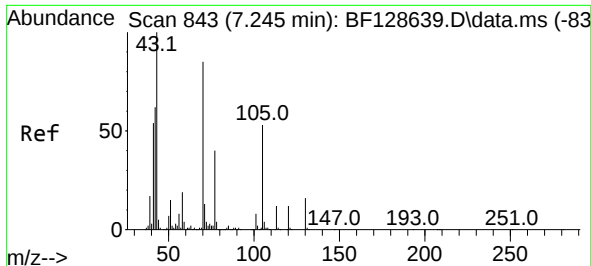
Tgt Ion:112 Resp: 66050
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 39.2 28.0 42.0



#7
Phenol-d6
Concen: 44.485 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion: 99 Resp: 273760
Ion Ratio Lower Upper
99 100
42 23.9 17.3 25.9
71 43.0 28.9 43.3

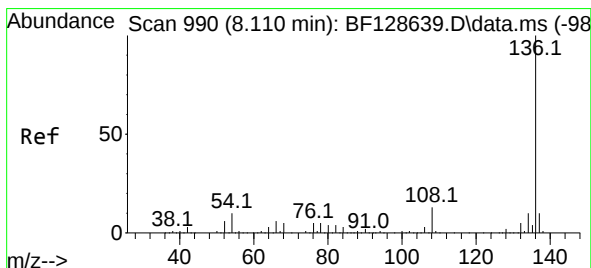
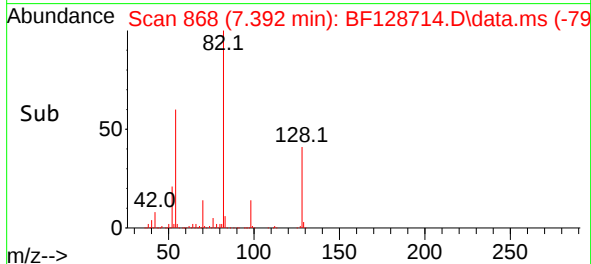
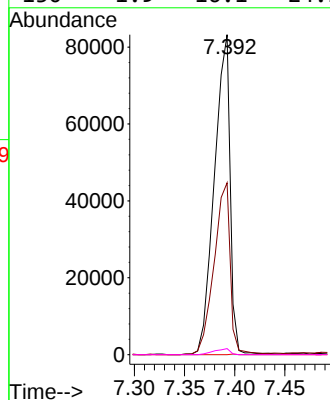
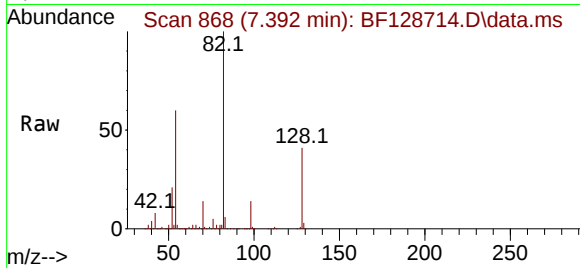




#19
n-Nitroso-di-n-propylamine
Concen: 23.749 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

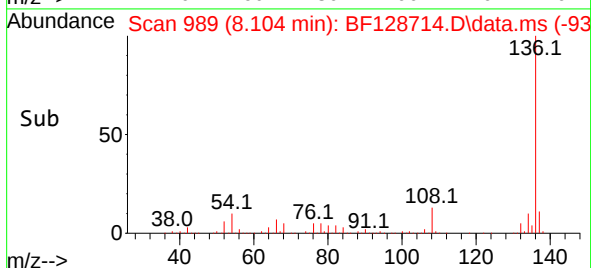
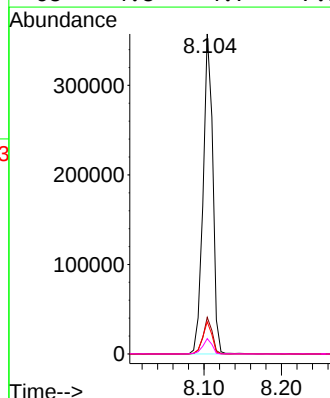
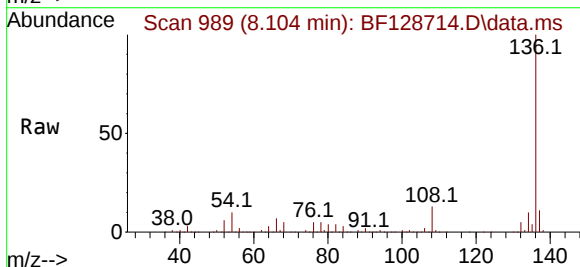
Instrument :
BNA_F
ClientSampleId :
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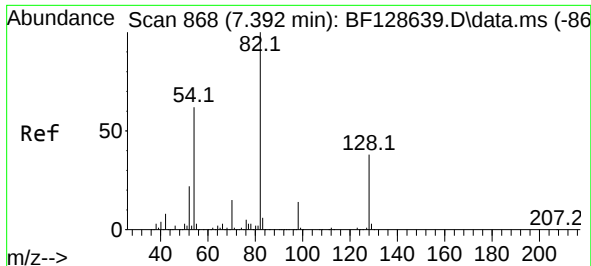
Tgt Ion: 70 Resp: 90871
Ion Ratio Lower Upper
70 100
42 53.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion: 136 Resp: 309691
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.0 7.5 11.3
68 4.8 4.7 7.1

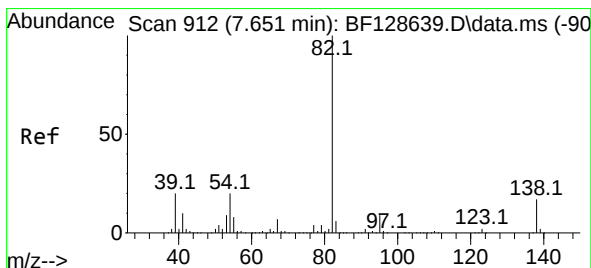
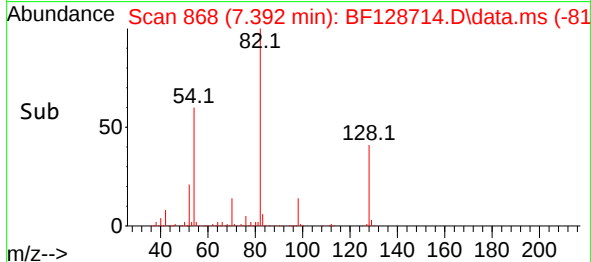
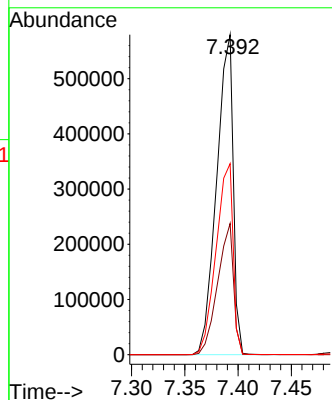
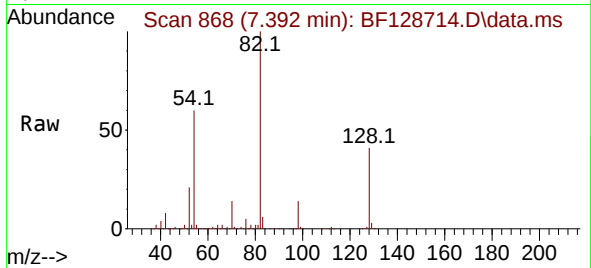




#23
Nitrobenzene-d5
Concen: 93.905 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

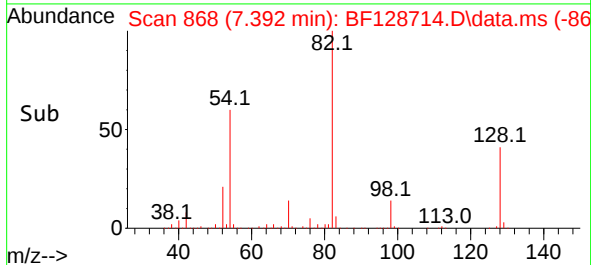
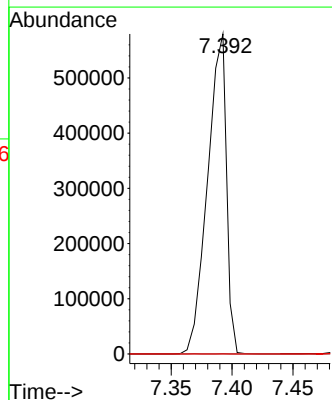
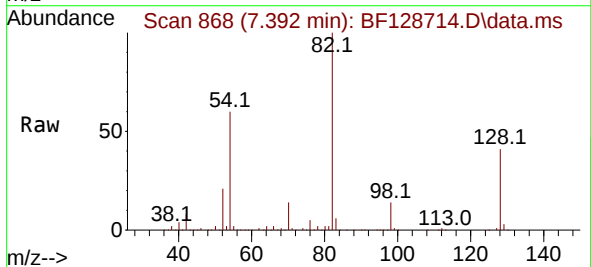
Instrument :
BNA_F
ClientSampleId :
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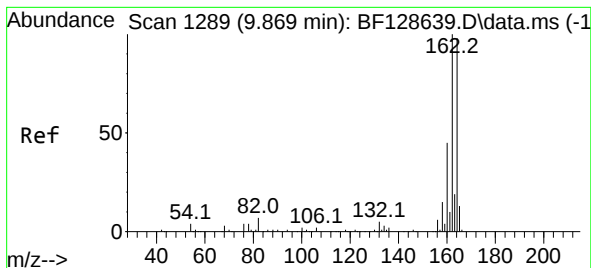
Tgt Ion: 82 Resp: 624621
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 59.7 46.9 70.3



#25
Isophorone
Concen: 61.730 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion: 82 Resp: 623615
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# 1

Delta R.T. -0.006 min

Lab File: BF128714.D

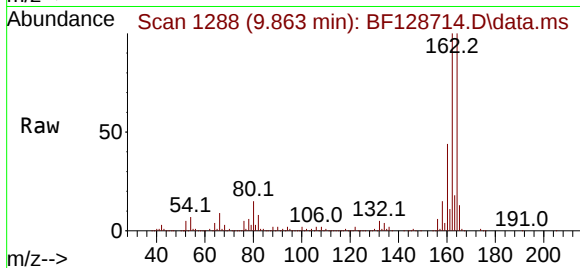
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Instrument :

BNA_F

ClientSampleId :

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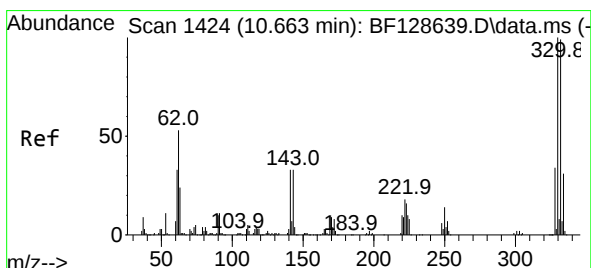
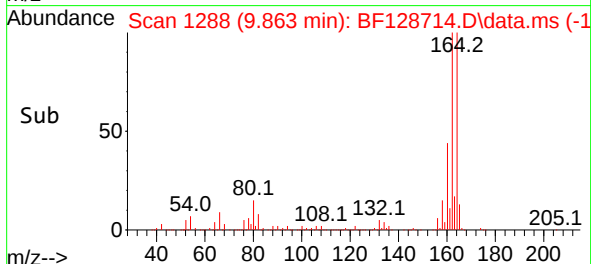
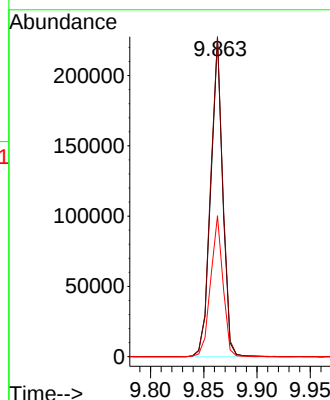
Tgt Ion:164 Resp: 177232

Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

160 44.1 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 9.235 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

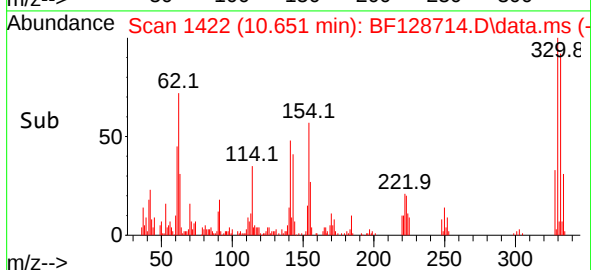
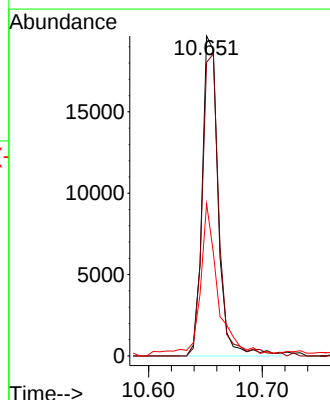
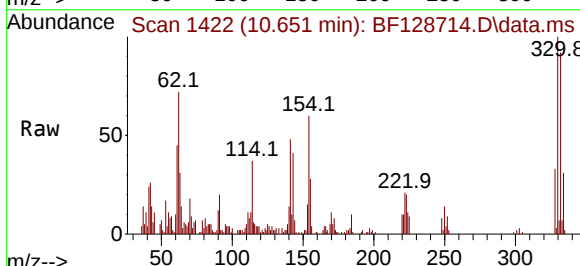
Tgt Ion:330 Resp: 19338

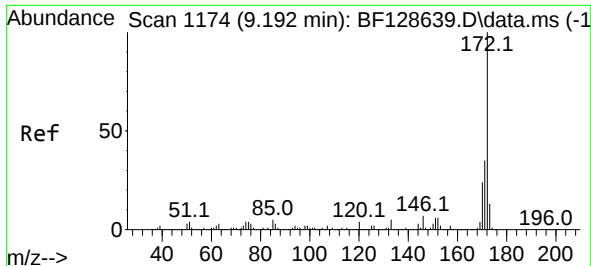
Ion Ratio Lower Upper

330 100

332 98.4 76.8 115.2

141 54.3 28.0 42.0#

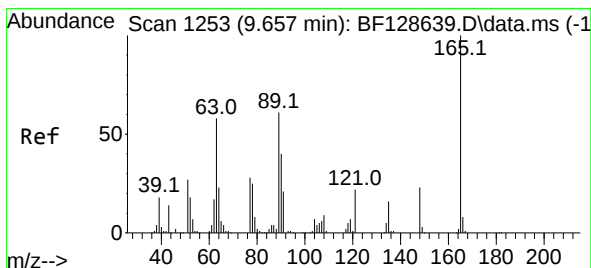
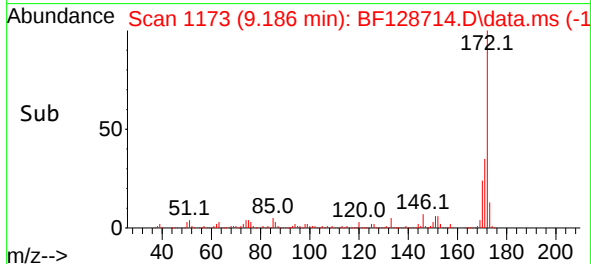
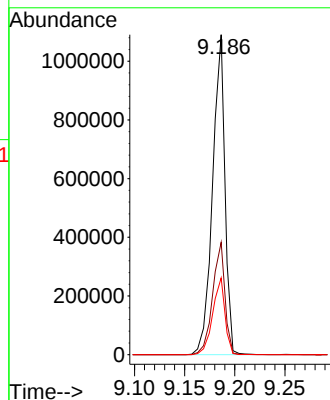
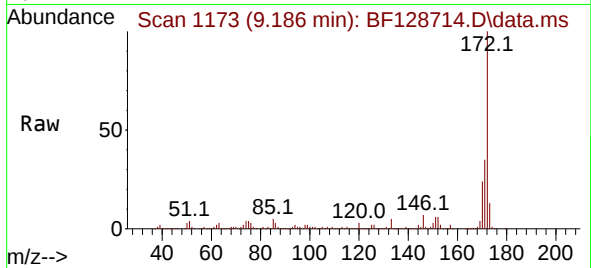




#45
2-Fluorobiphenyl
Concen: 74.076 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

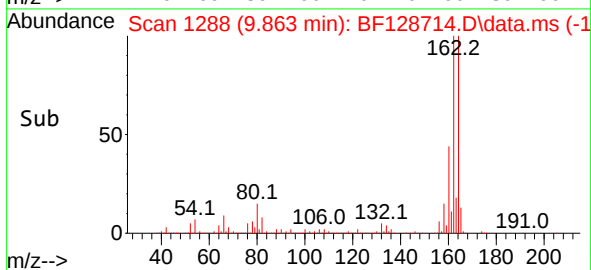
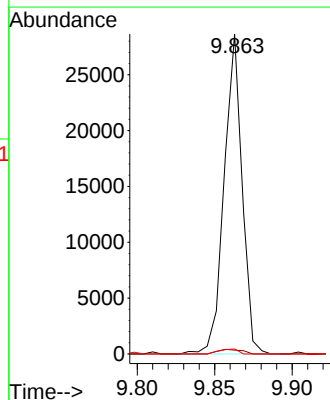
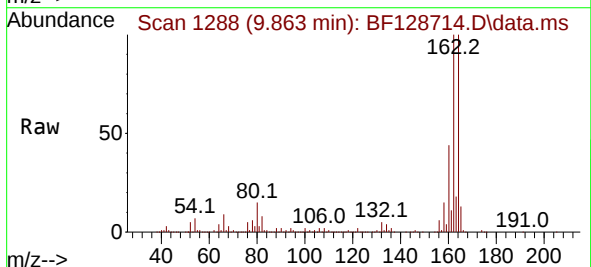
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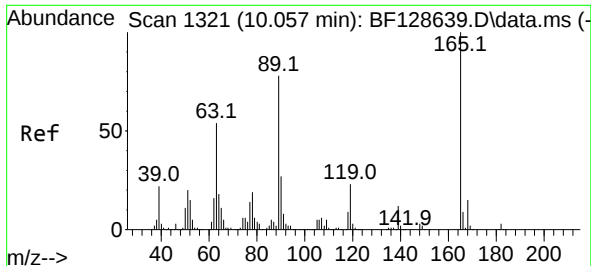
Tgt Ion:172 Resp: 937230
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.0 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.648 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion:165 Resp: 23101
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.6 43.6 65.4#

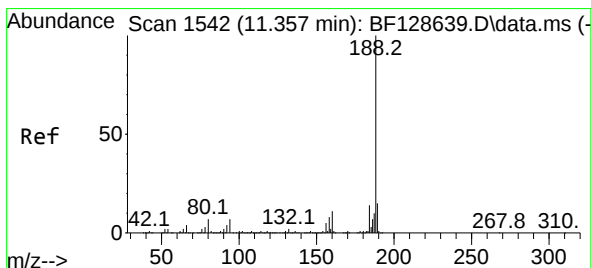
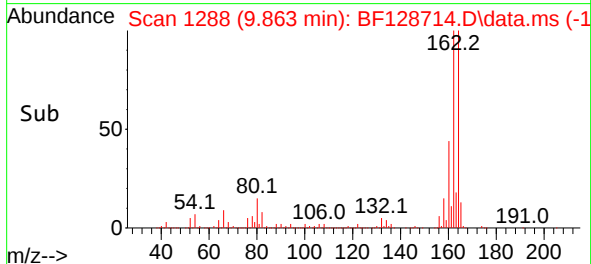
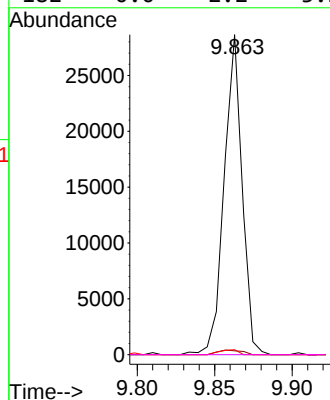
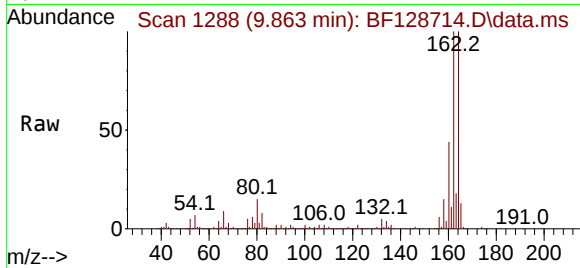




#57
2,4-Dinitrotoluene
Concen: 7.230 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

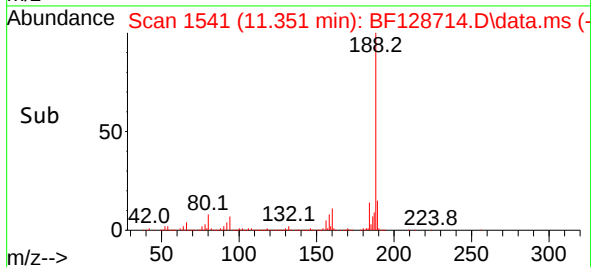
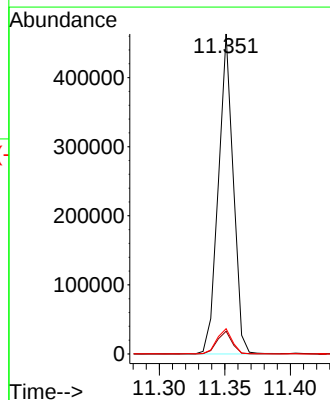
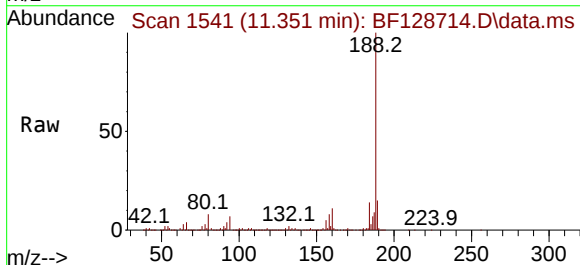
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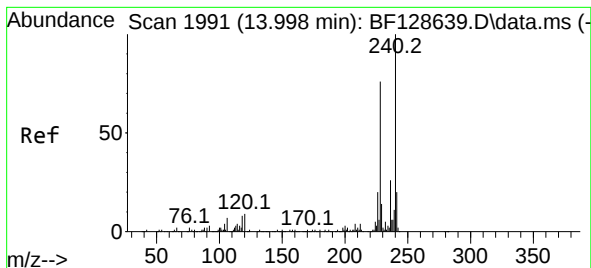
Tgt Ion:165 Resp: 23101
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF128714.D
Acq: 07 Jun 2022 13:47

Tgt Ion:188 Resp: 365563
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.9 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.000 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

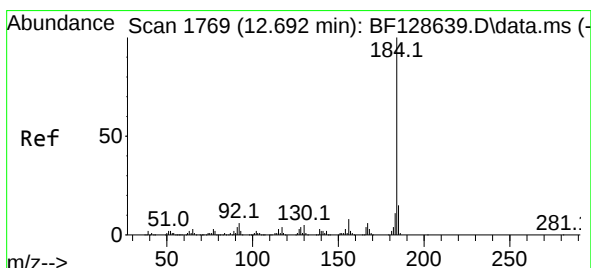
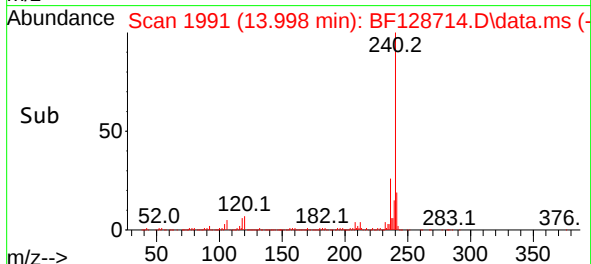
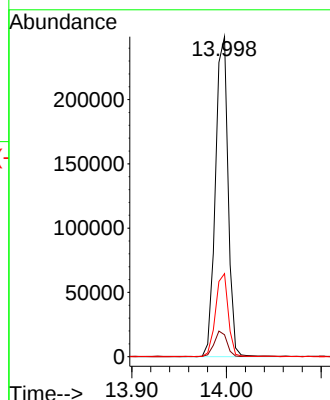
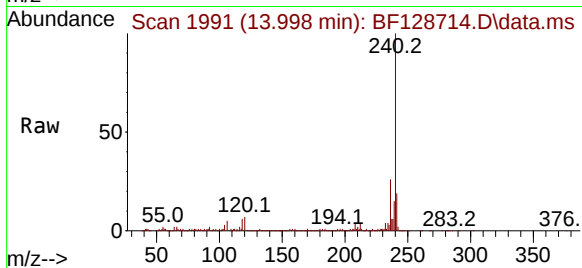
Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C

Tgt Ion:240 Resp: 229934
 Ion Ratio Lower Upper
 240 100
 120 6.9 8.9 13.3#
 236 26.0 20.8 31.2



#77

Benzidine

Concen: 3.673 ng

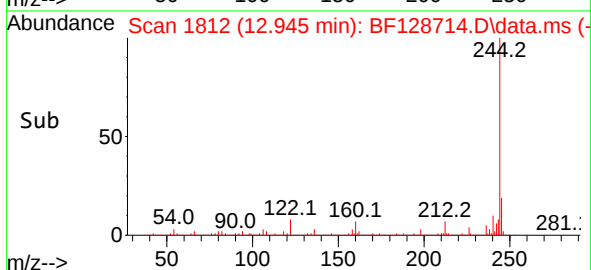
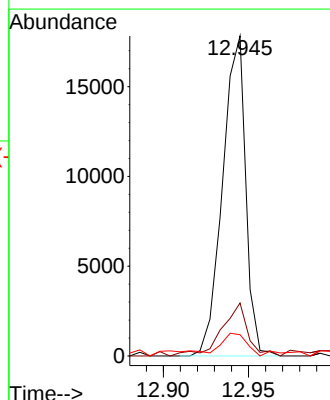
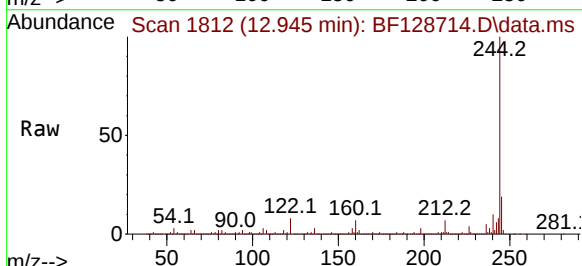
RT: 12.945 min Scan# 1812

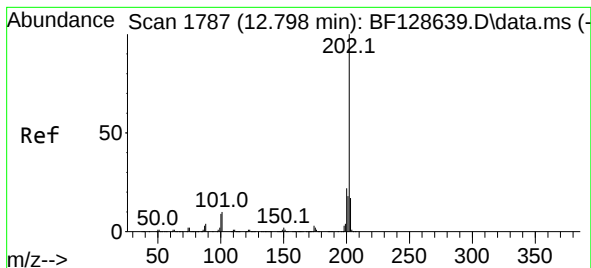
Delta R.T. 0.253 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

Tgt Ion:184 Resp: 16835
 Ion Ratio Lower Upper
 184 100
 185 16.6 11.9 17.9
 183 6.6 9.3 13.9#





#78

Pyrene

Concen: 2.192 ng

RT: 12.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C

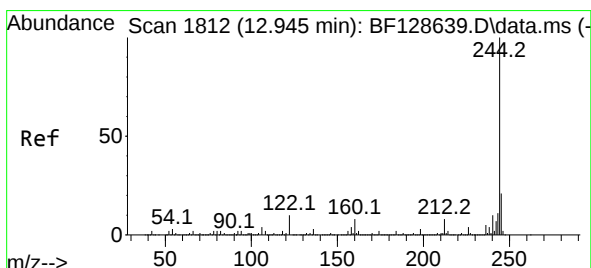
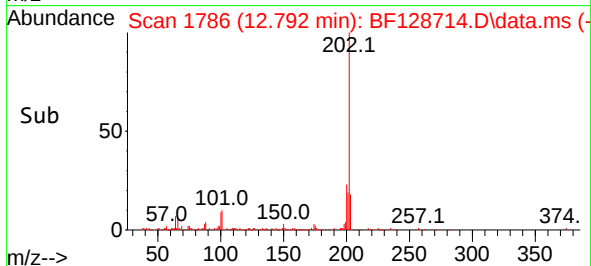
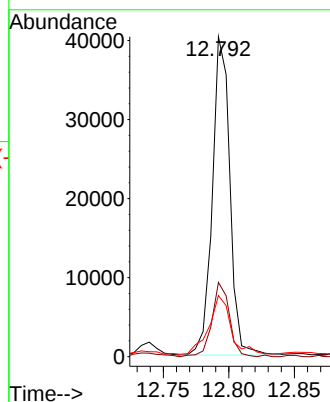
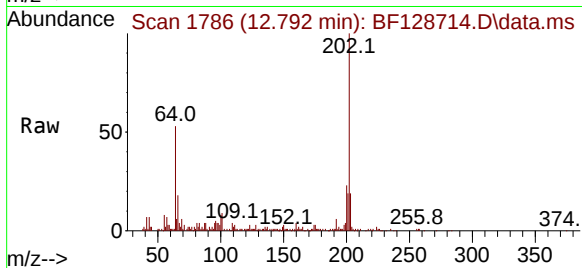
Tgt Ion:202 Resp: 37499

Ion Ratio Lower Upper

202 100

200 23.2 17.7 26.5

203 19.1 14.6 21.8



#79

Terphenyl-d14

Concen: 80.246 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

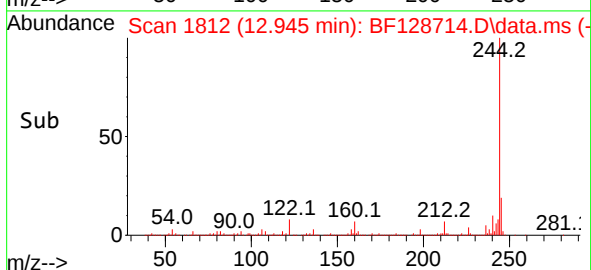
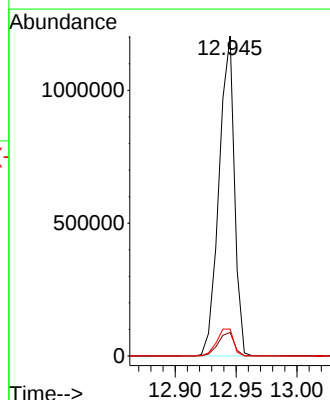
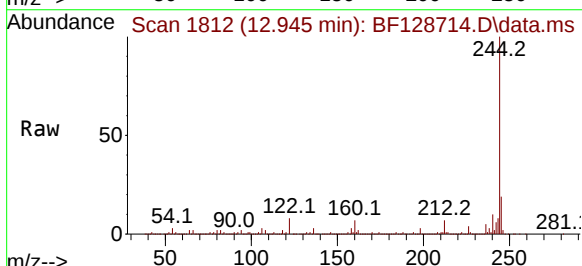
Tgt Ion:244 Resp: 1061866

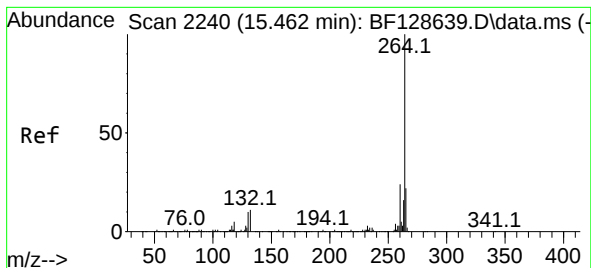
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.4 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C

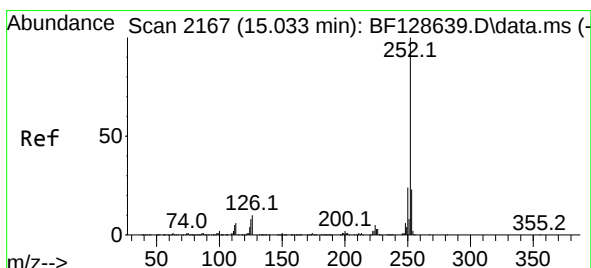
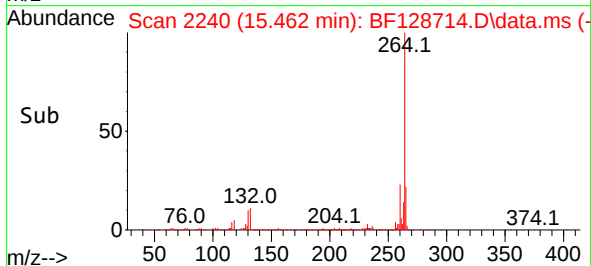
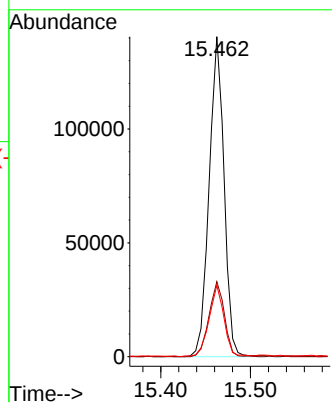
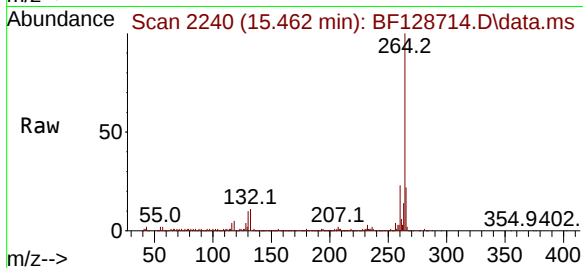
Tgt Ion:264 Resp: 162258

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.3 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.068 ng

RT: 15.033 min Scan# 2167

Delta R.T. 0.000 min

Lab File: BF128714.D

Acq: 07 Jun 2022 13:47

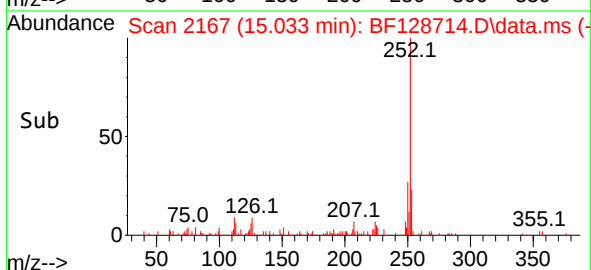
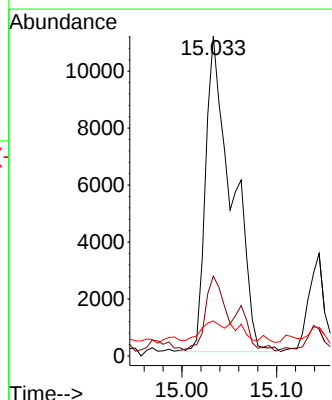
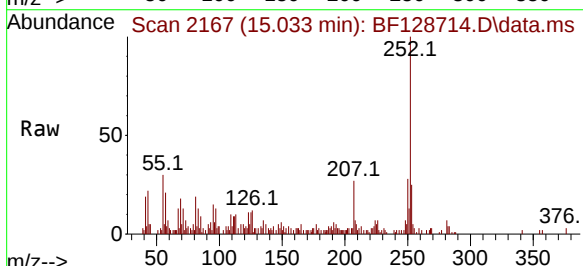
Tgt Ion:252 Resp: 21445

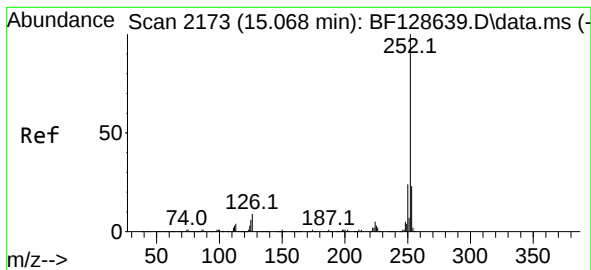
Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 11.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 2.199 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF128714.D

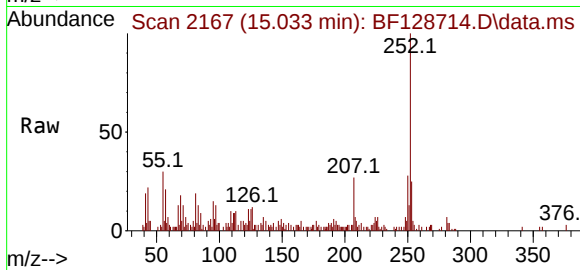
Acq: 07 Jun 2022 13:47

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C



Tgt Ion:252 Resp: 21445

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

125 11.0 8.3 12.5

