

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127982.D
 Acq On : 28 Apr 2022 15:48
 Operator : CG\JU
 Sample : N2577-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-06-(8.5-10)

Quant Time: Apr 28 17:25:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

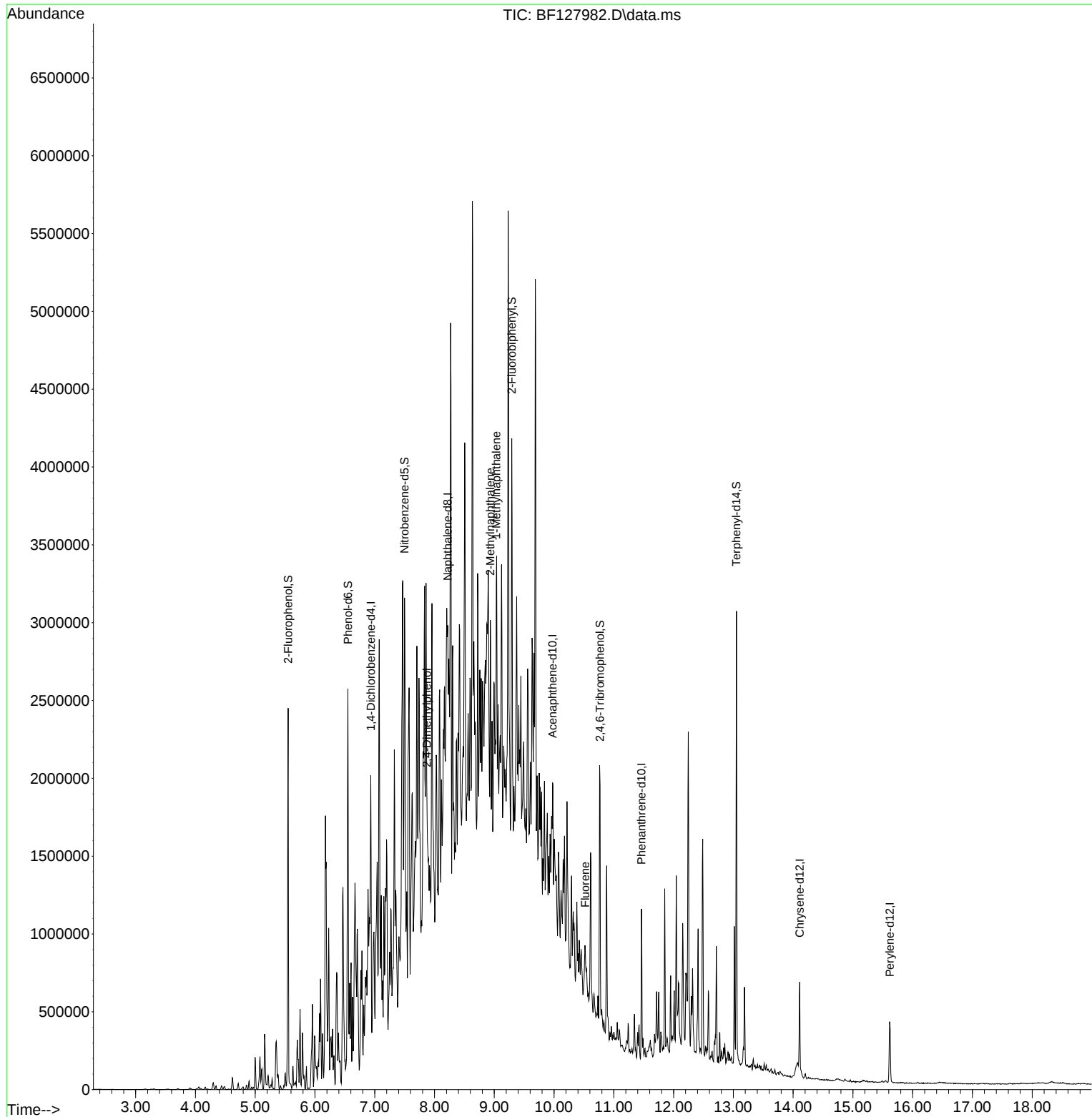
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	81330	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	282525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	175739	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	339486	20.000	ng	0.00
76) Chrysene-d12	14.110	240	191046	20.000	ng	0.00
86) Perylene-d12	15.616	264	189555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	600406	117.585	ng	0.00
7) Phenol-d6	6.551	99	785020	118.483	ng	-0.01
23) Nitrobenzene-d5	7.498	82	552086	91.890	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	209060	118.172	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	817843	78.729	ng	0.00
79) Terphenyl-d14	13.051	244	953703	91.282	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.875	122	15691	3.829	ng	# 47
37) 2-Methylnaphthalene	8.934	142	382465	40.218	ng	98
38) 1-Methylnaphthalene	9.034	142	352760	38.163	ng	99
58) Fluorene	10.522	166	32244	2.939	ng	# 94

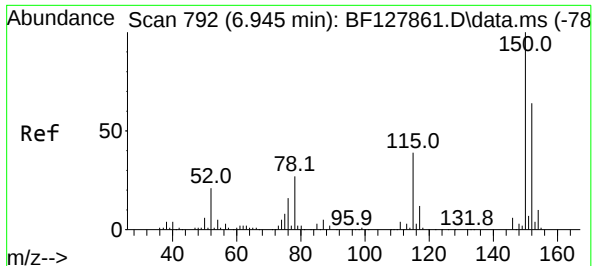
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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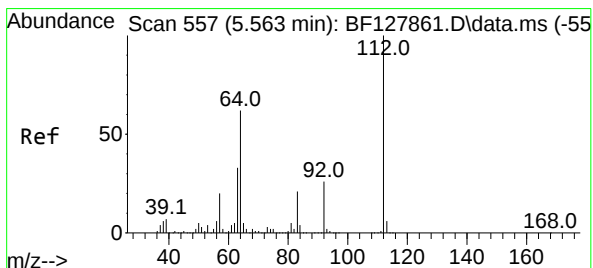
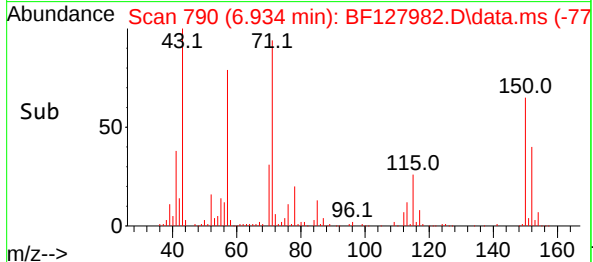
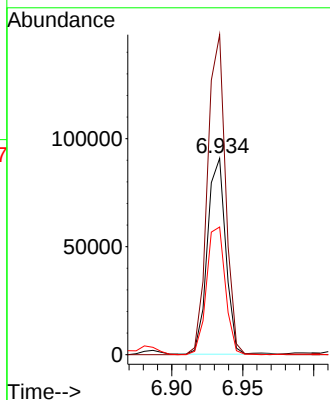
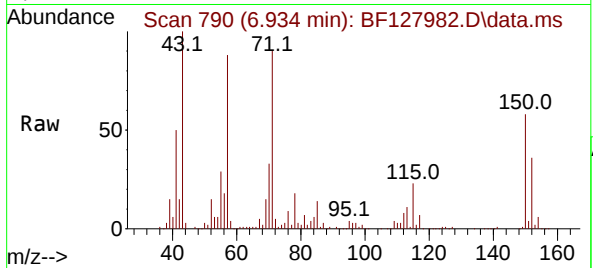




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

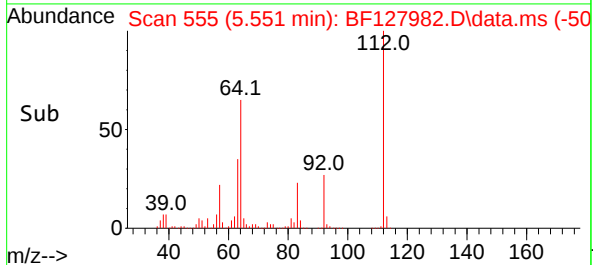
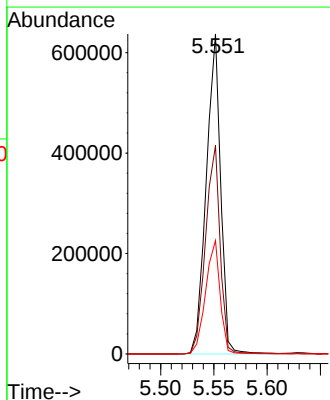
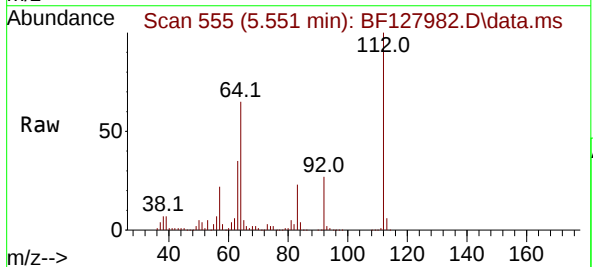
Instrument :
 BNA_F
 ClientSampleId :
 GT-06-(8.5-10)

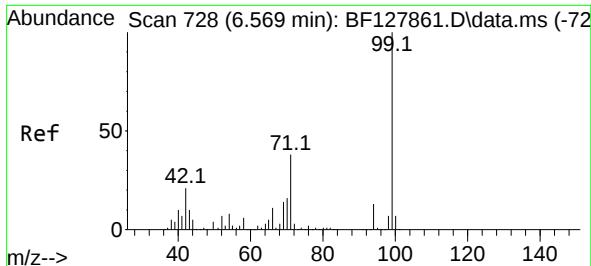
Tgt Ion:152 Resp: 81330
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 117.585 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

Tgt Ion:112 Resp: 600406
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.5 74.3
 63 35.5 26.3 39.5

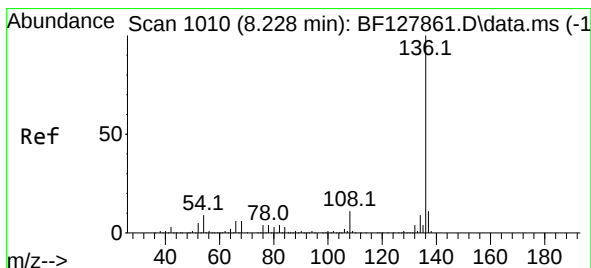
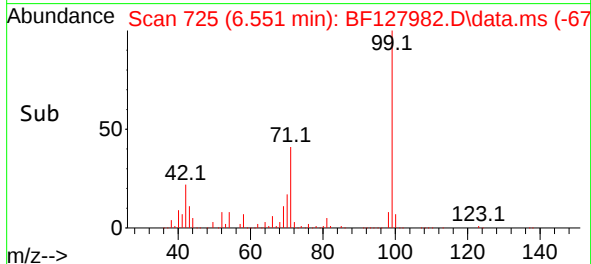
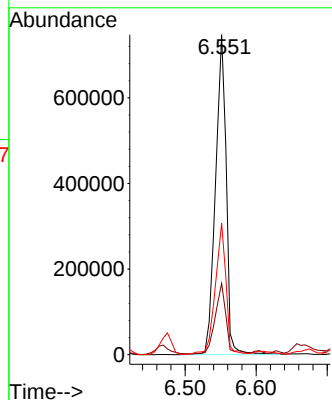
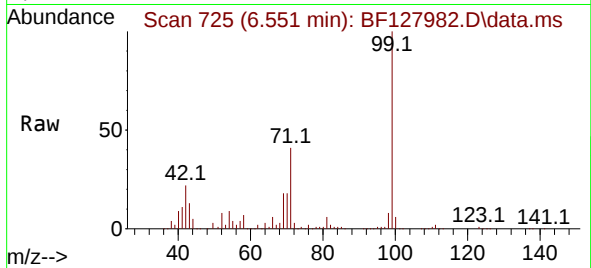




#7
Phenol-d6
Concen: 118.483 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

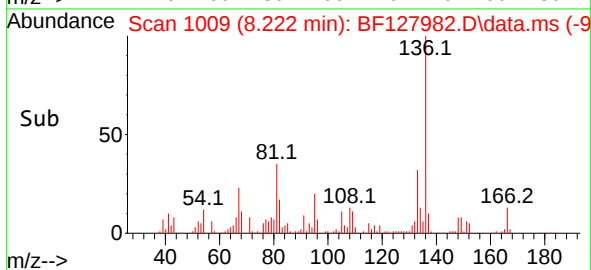
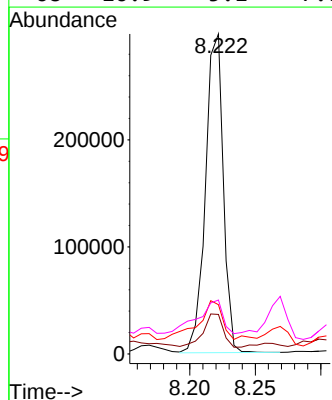
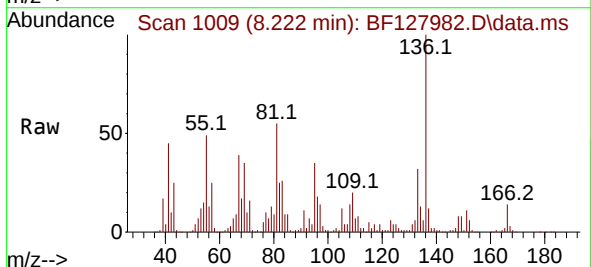
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

Tgt Ion: 99 Resp: 785020
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:136 Resp: 282525
Ion Ratio Lower Upper
136 100
137 12.3 8.6 13.0
54 15.4 6.8 10.2#
68 16.9 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 91.890 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

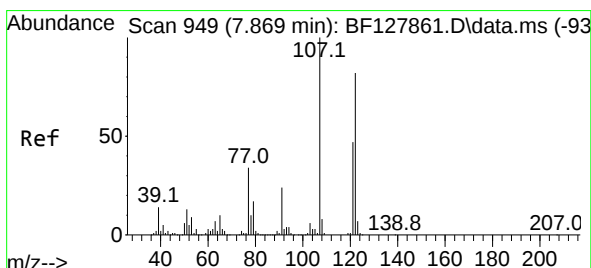
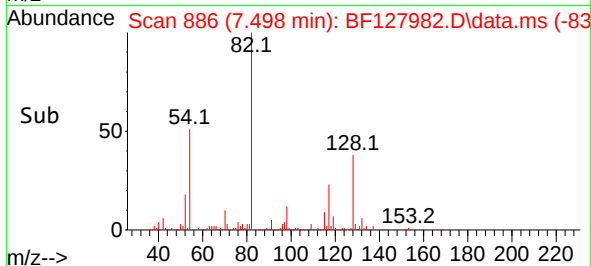
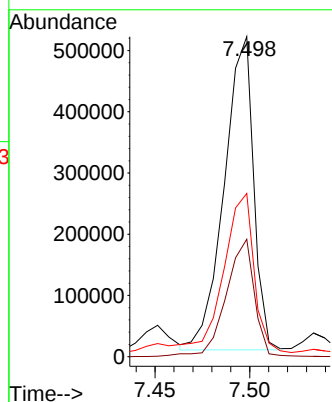
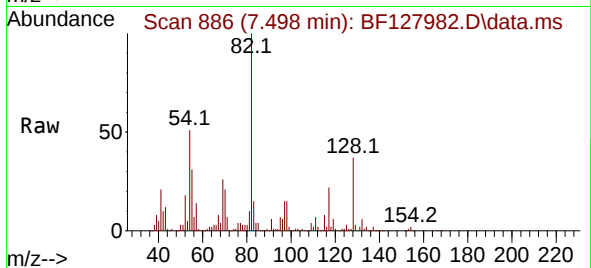
Tgt Ion: 82 Resp: 552086

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 51.0 41.3 61.9



#27

2,4-Dimethylphenol

Concen: 3.829 ng

RT: 7.875 min Scan# 950

Delta R.T. 0.012 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

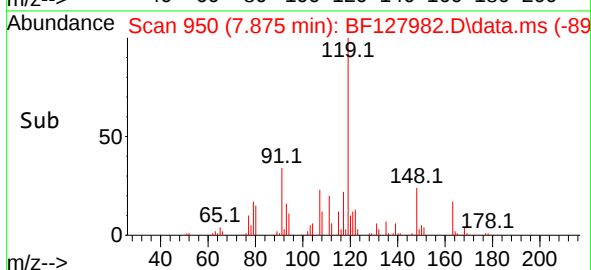
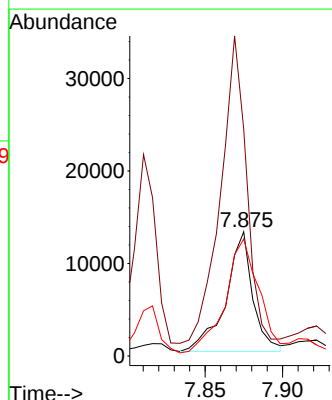
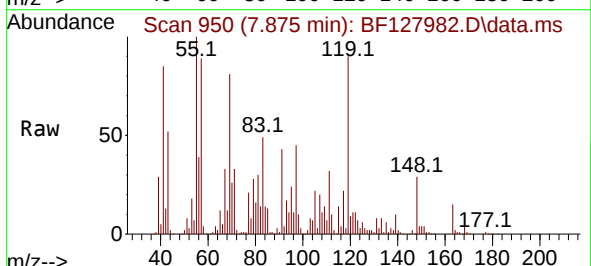
Tgt Ion: 122 Resp: 15691

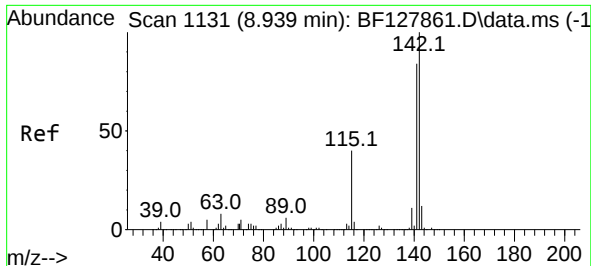
Ion Ratio Lower Upper

122 100

107 182.7 97.5 146.3#

121 94.2 46.0 69.0#





#37

2-Methylnaphthalene

Concen: 40.218 ng

RT: 8.934 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

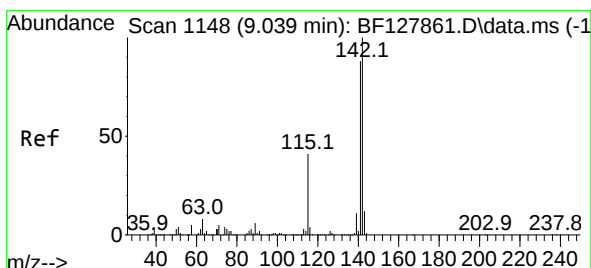
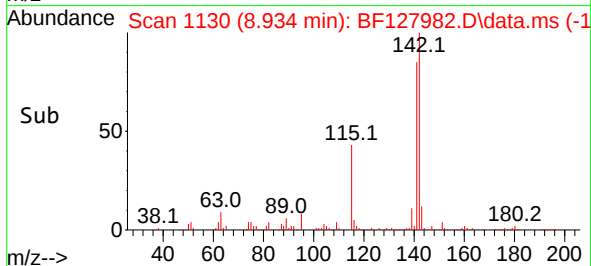
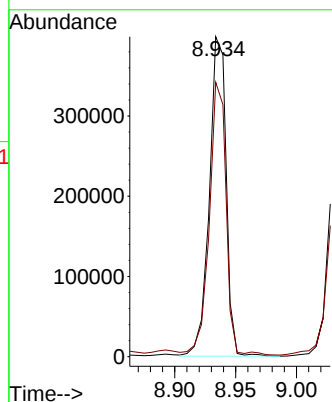
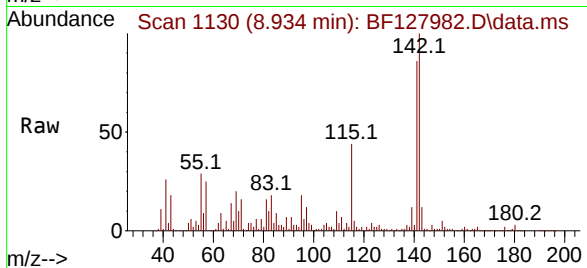
GT-06-(8.5-10)

Tgt Ion:142 Resp: 382465

Ion Ratio Lower Upper

142 100

141 85.8 67.4 101.2



#38

1-Methylnaphthalene

Concen: 38.163 ng

RT: 9.034 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF127982.D

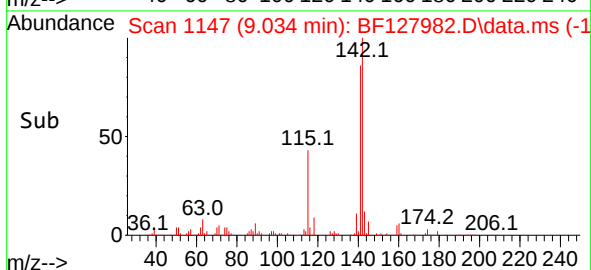
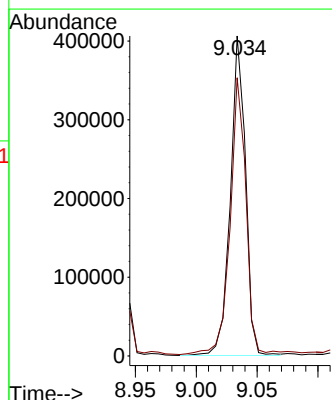
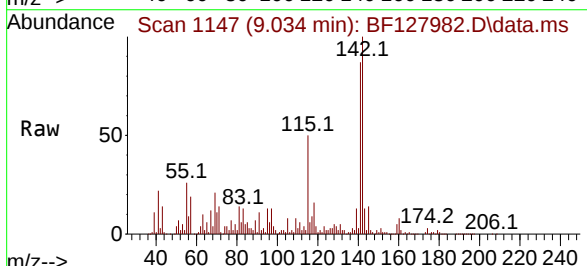
Acq: 28 Apr 2022 15:48

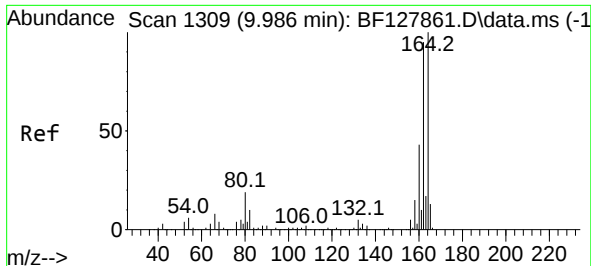
Tgt Ion:142 Resp: 352760

Ion Ratio Lower Upper

142 100

141 87.0 70.1 105.1

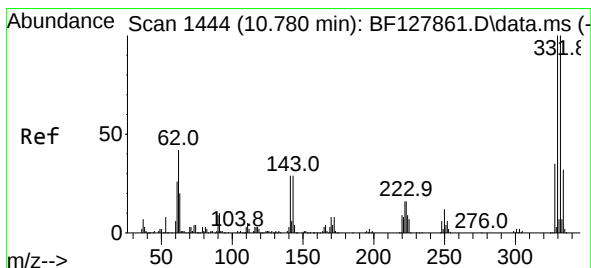
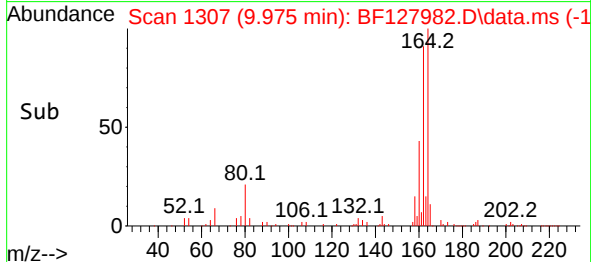
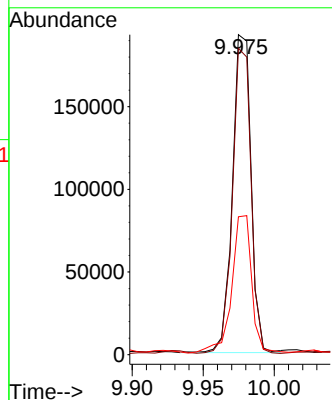
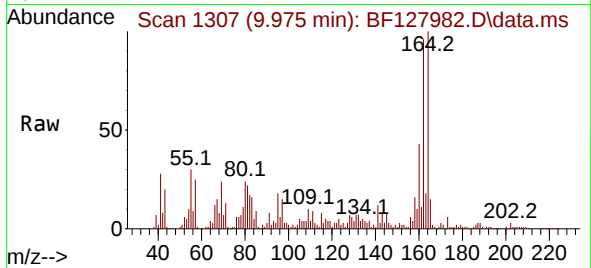




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

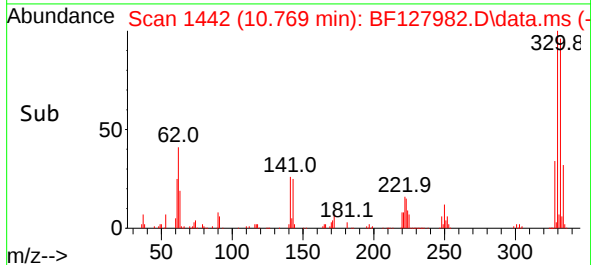
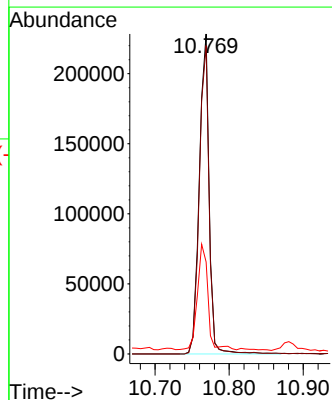
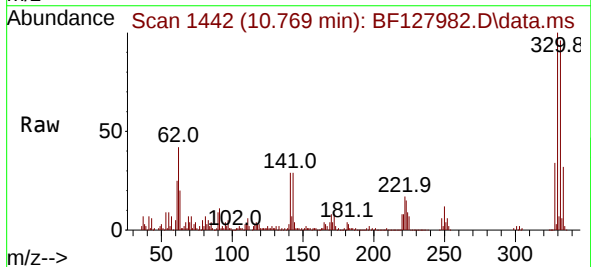
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

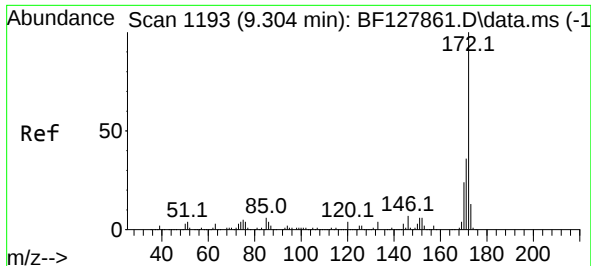
Tgt Ion:164 Resp: 175739
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 118.172 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:330 Resp: 209060
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 33.6 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 78.729 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

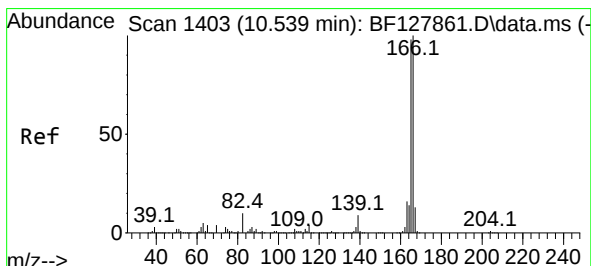
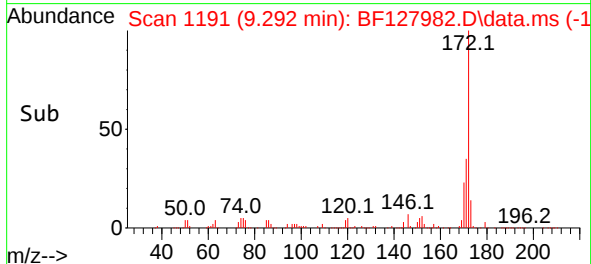
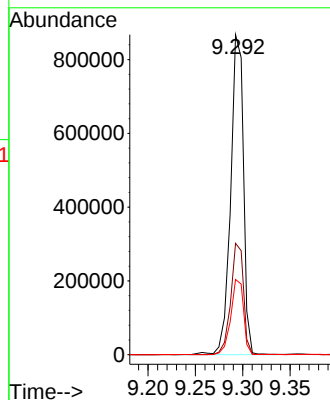
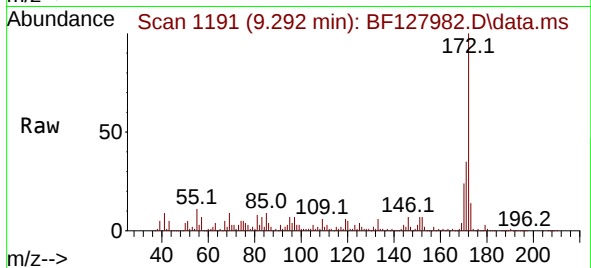
Tgt Ion:172 Resp: 817843

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7



#58

Fluorene

Concen: 2.939 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

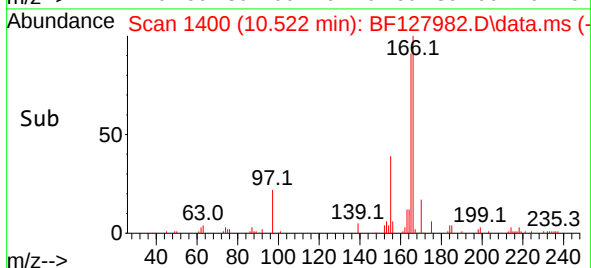
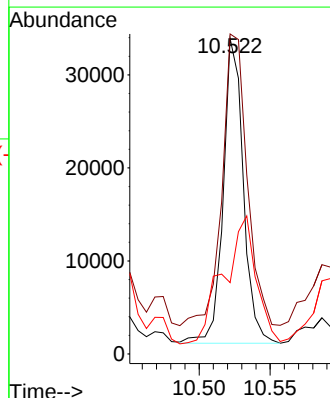
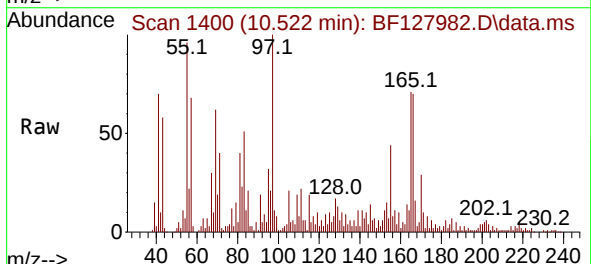
Tgt Ion:166 Resp: 32244

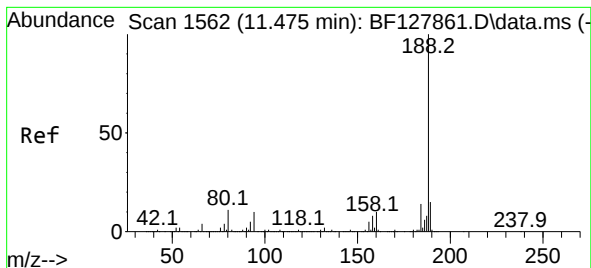
Ion Ratio Lower Upper

166 100

165 101.5 78.6 117.8

167 22.6 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

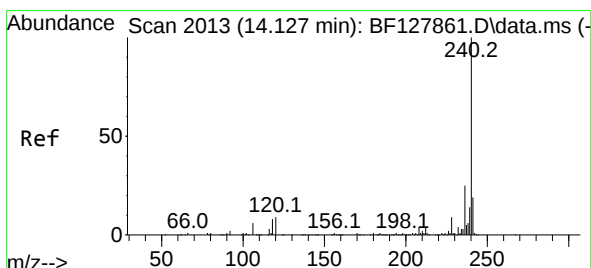
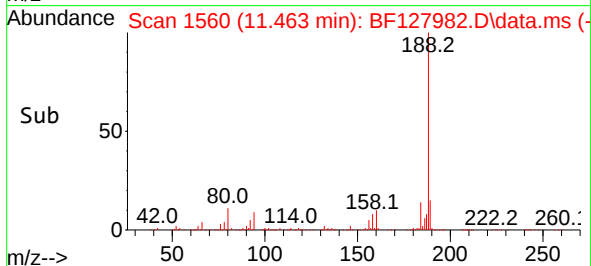
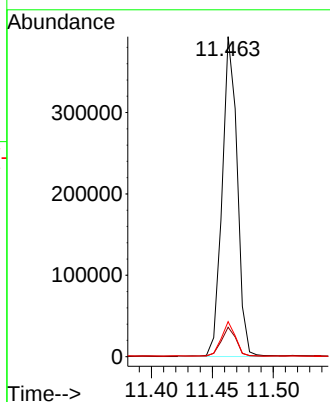
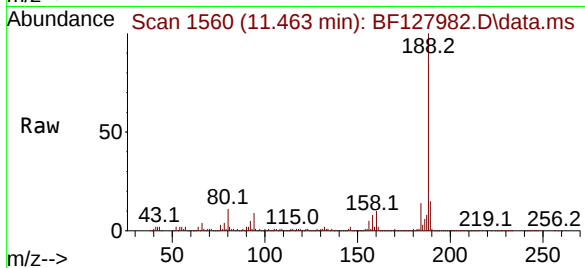
Tgt Ion:188 Resp: 339486

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 11.0 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

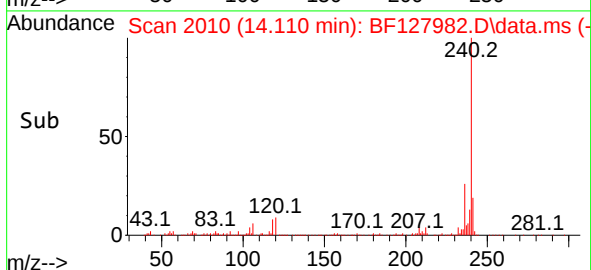
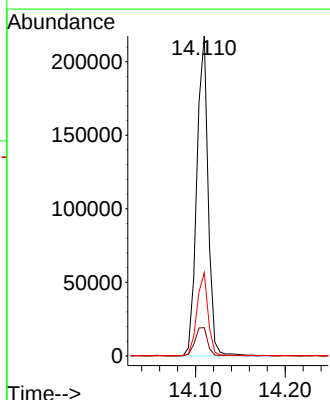
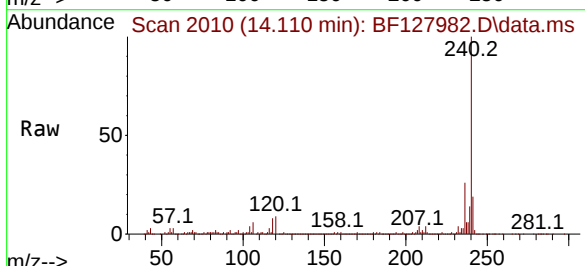
Tgt Ion:240 Resp: 191046

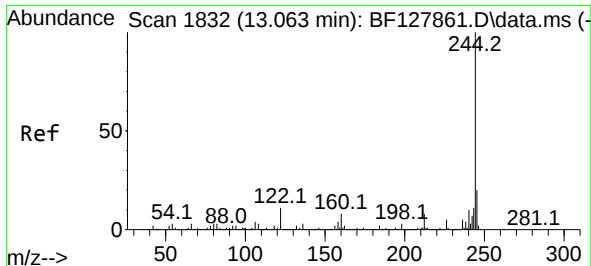
Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 26.0 20.3 30.5

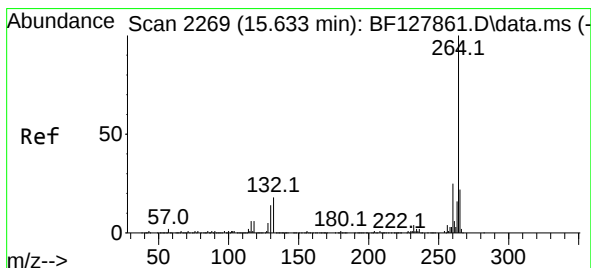
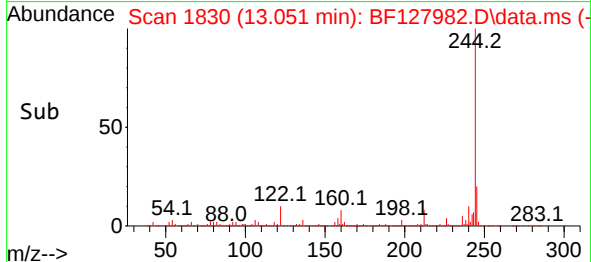
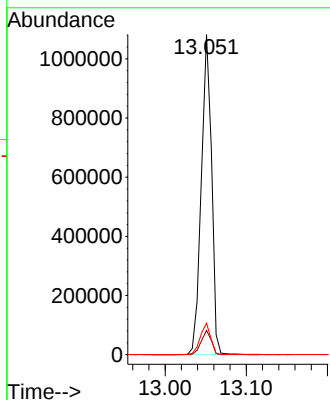
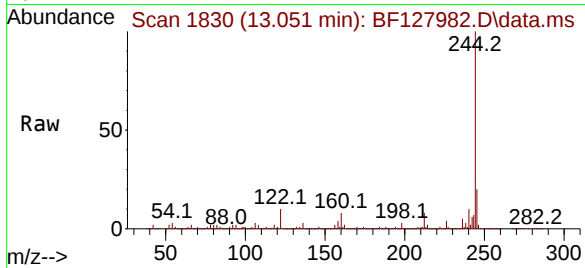




#79
 Terphenyl-d14
 Concen: 91.282 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

Instrument :
 BNA_F
 ClientSampleId :
 GT-06-(8.5-10)

Tgt Ion:244 Resp: 953703
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.616 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

Tgt Ion:264 Resp: 189555
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.6 17.5 26.3

