

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127983.D
 Acq On : 28 Apr 2022 16:16
 Operator : CG\JU
 Sample : N2577-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-11-(15-20)

Quant Time: Apr 28 17:25:31 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)

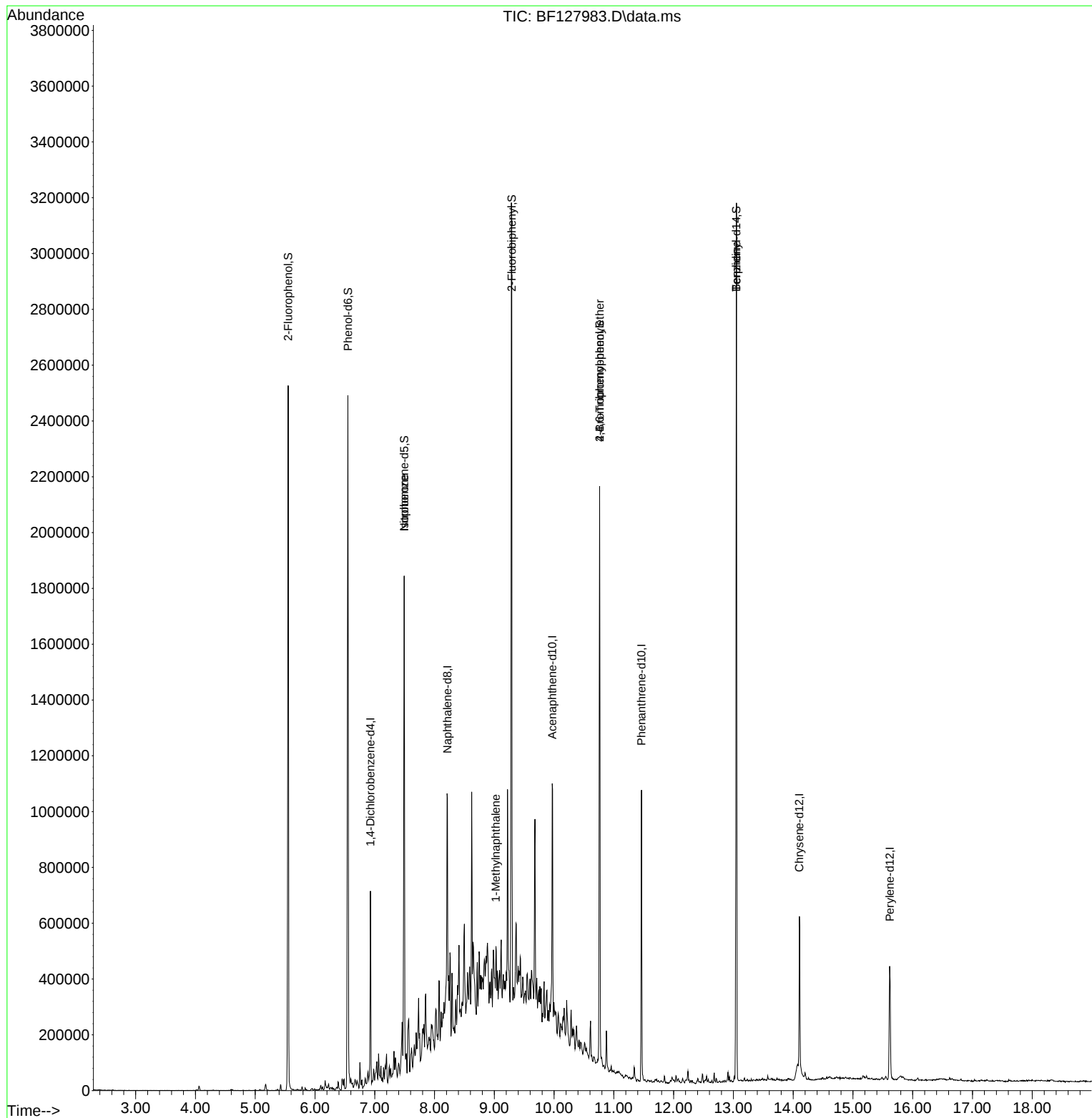
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	90519	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	340385	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	189857	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	351006	20.000	ng	0.00
76) Chrysene-d12	14.104	240	198157	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	194787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	639123	112.461	ng	0.00
7) Phenol-d6	6.551	99	849994	115.266	ng	-0.01
23) Nitrobenzene-d5	7.492	82	602452	83.229	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	227701	119.138	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	979987	87.323	ng	0.00
79) Terphenyl-d14	13.051	244	1033215	95.343	ng	0.00
Target Compounds						
25) Isophorone	7.492	82	599106	49.176	ng	# 69
38) 1-Methylnaphthalene	9.027	142	29781	2.674	ng	98
67) 4-Bromophenyl-phenylether	10.763	248	14767	3.795	ng	# 1
77) Benzidine	13.051	184	15454	4.122	ng	95

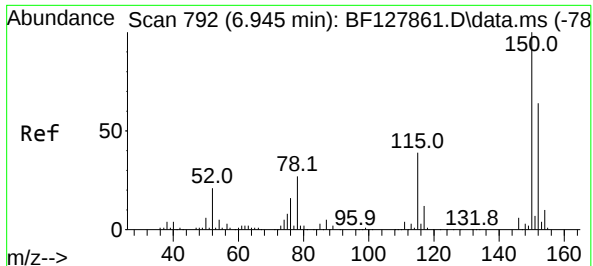
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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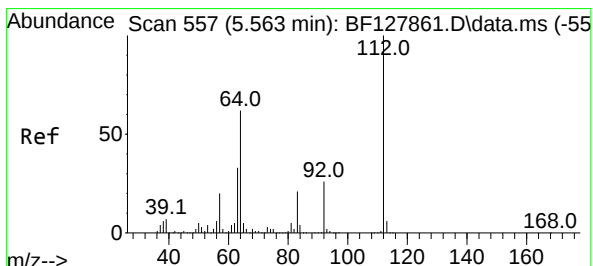
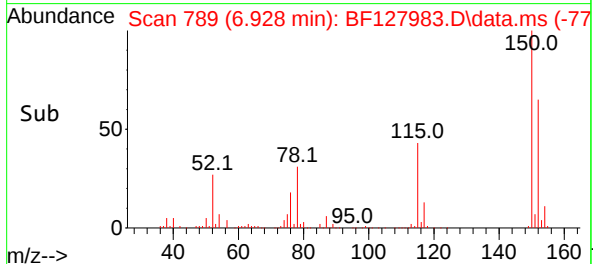
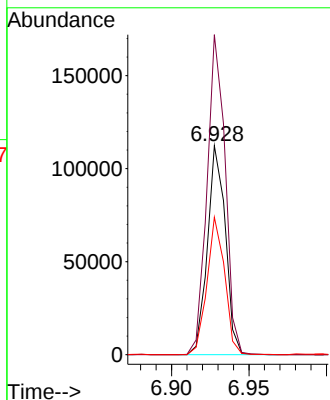
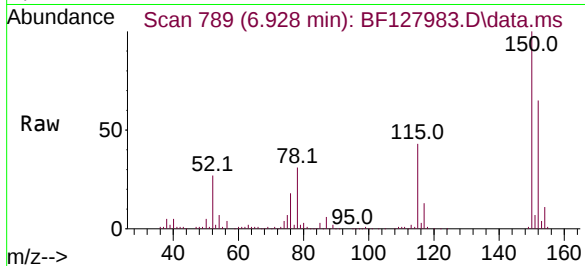




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

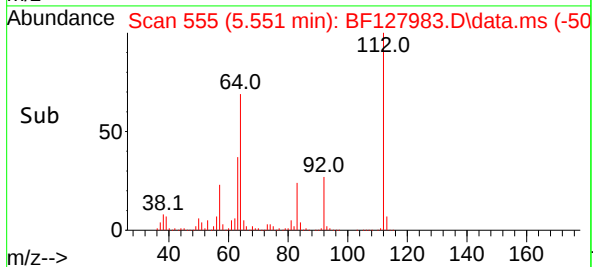
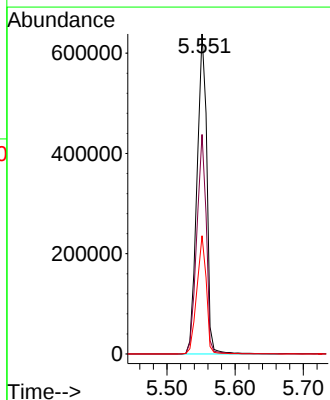
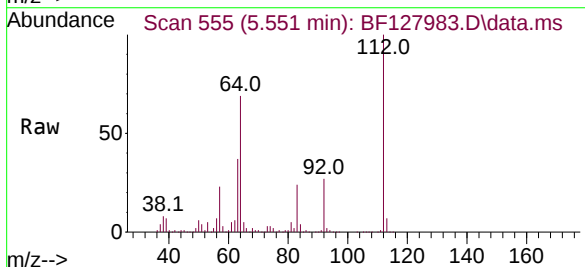
Instrument :
BNA_F
ClientSampleId :
GT-11-(15-20)

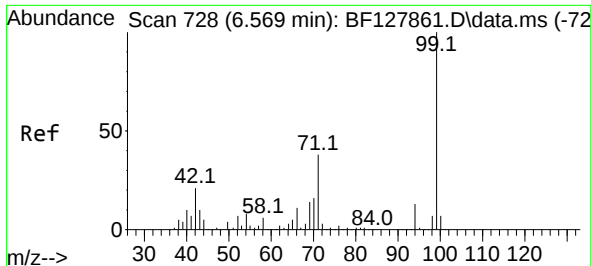
Tgt Ion:152 Resp: 90519
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 65.8 48.8 73.2



#5
2-Fluorophenol
Concen: 112.461 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

Tgt Ion:112 Resp: 639123
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 36.9 26.3 39.5

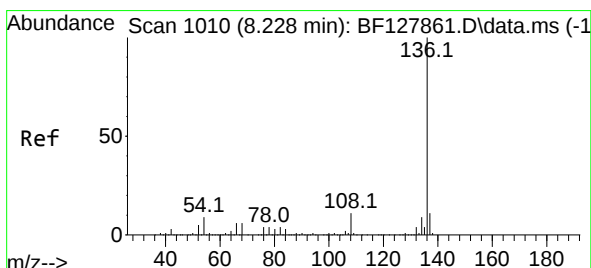
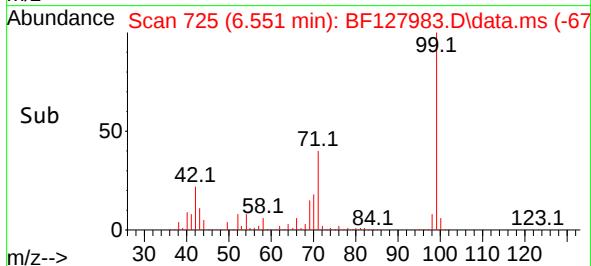
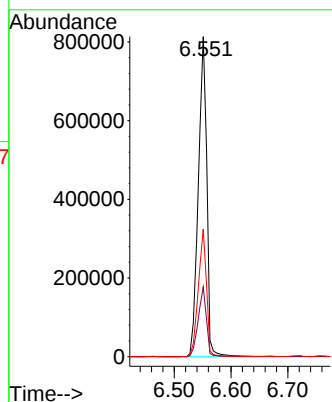
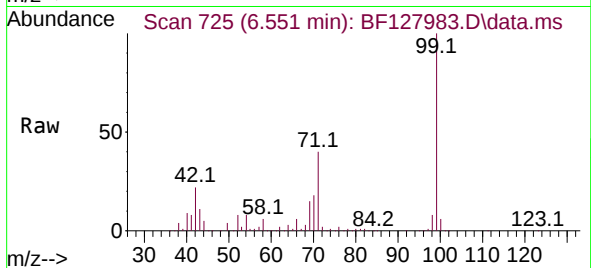




#7
Phenol-d6
Concen: 115.266 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

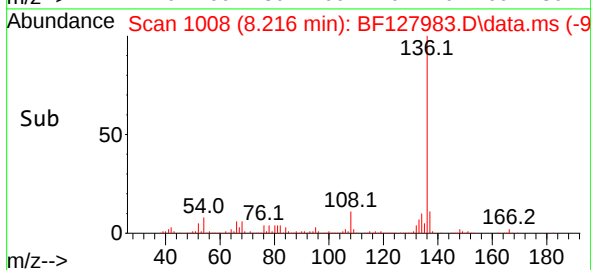
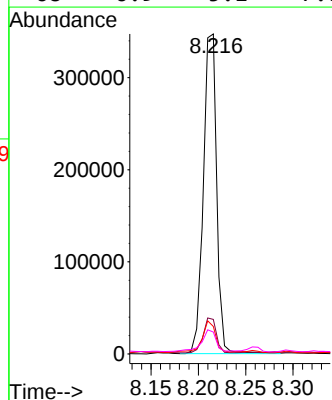
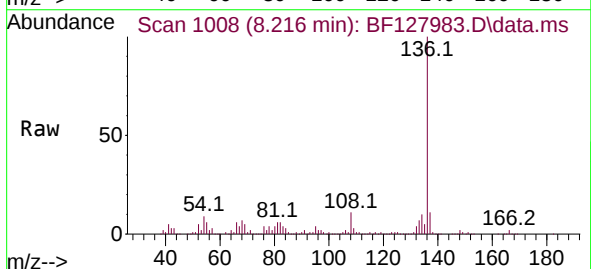
Instrument :
BNA_F
ClientSampleId :
GT-11-(15-20)

Tgt Ion: 99 Resp: 849994
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.9 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

Tgt Ion: 136 Resp: 340385
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.8 10.2
68 6.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.229 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF127983.D

Acq: 28 Apr 2022 16:16

Instrument :

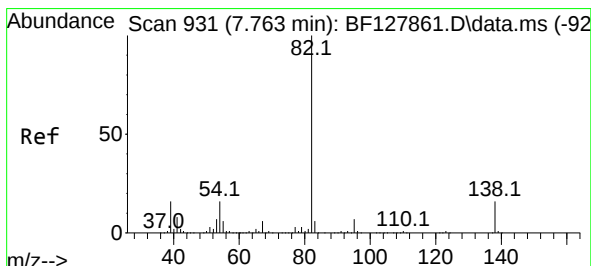
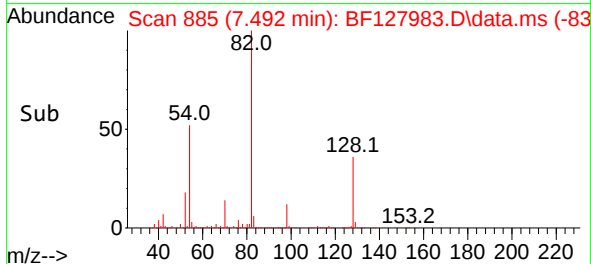
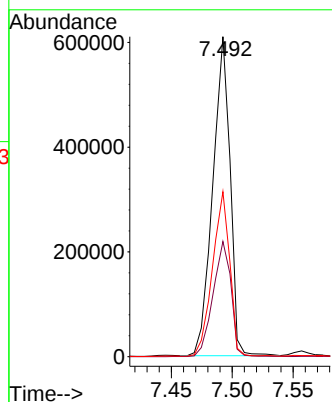
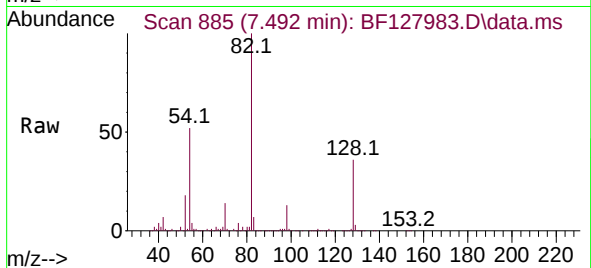
BNA_F

ClientSampleId :

GT-11-(15-20)

Tgt Ion: 82 Resp: 602452

Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.0	45.0
54	51.5	41.3	61.9



#25

Isophorone

Concen: 49.176 ng

RT: 7.492 min Scan# 885

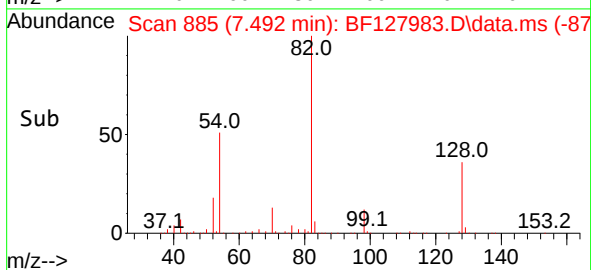
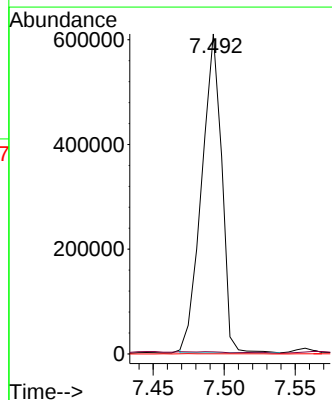
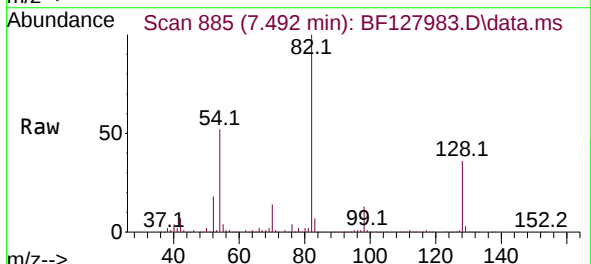
Delta R.T. -0.265 min

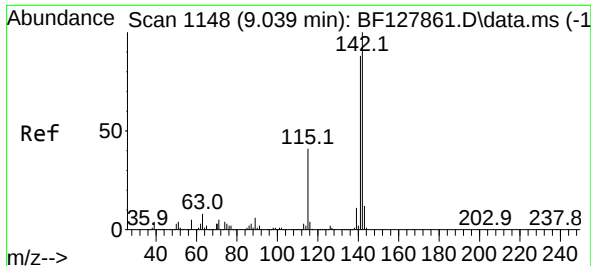
Lab File: BF127983.D

Acq: 28 Apr 2022 16:16

Tgt Ion: 82 Resp: 599106

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.6	8.4#
138	0.0	12.5	18.7#

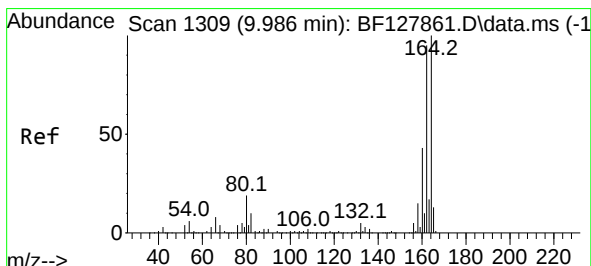
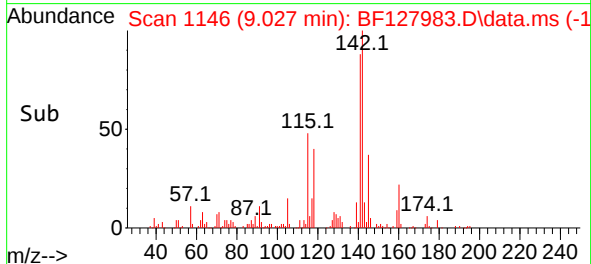
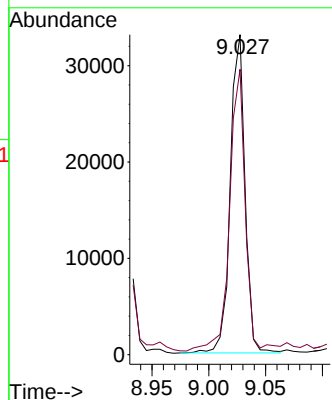
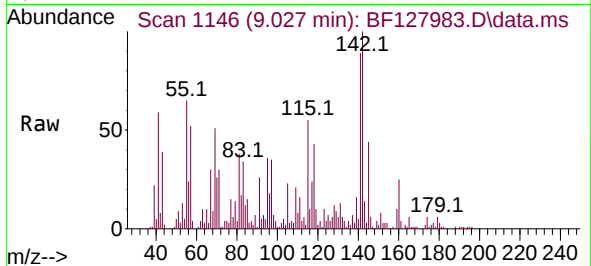




#38
1-Methylnaphthalene
Concen: 2.674 ng
RT: 9.027 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

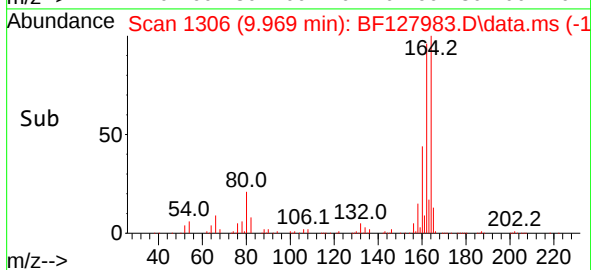
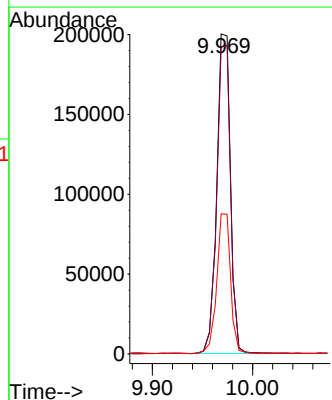
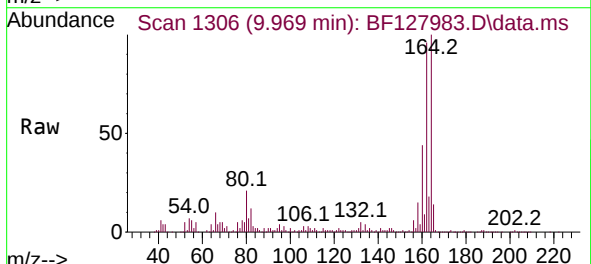
Instrument :
BNA_F
ClientSampleId :
GT-11-(15-20)

Tgt Ion:142 Resp: 29781
Ion Ratio Lower Upper
142 100
141 89.2 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

Tgt Ion:164 Resp: 189857
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 119.138 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127983.D

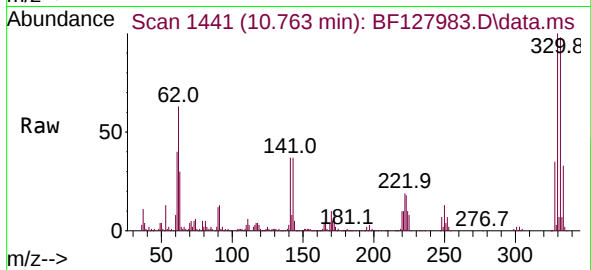
Acq: 28 Apr 2022 16:16

Instrument :

BNA_F

ClientSampleId :

GT-11-(15-20)



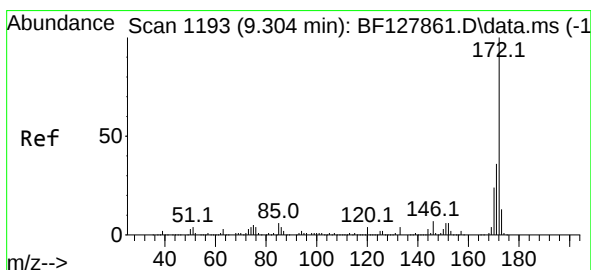
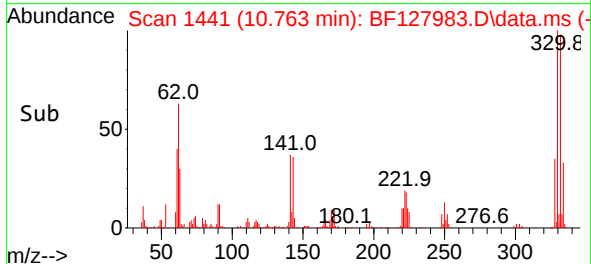
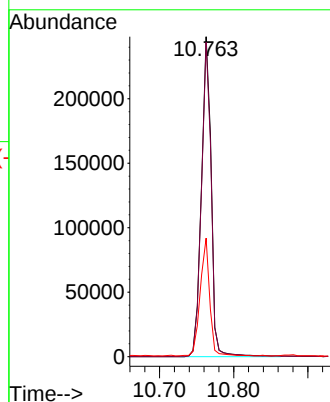
Tgt Ion:330 Resp: 227701

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

141 35.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.323 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127983.D

Acq: 28 Apr 2022 16:16

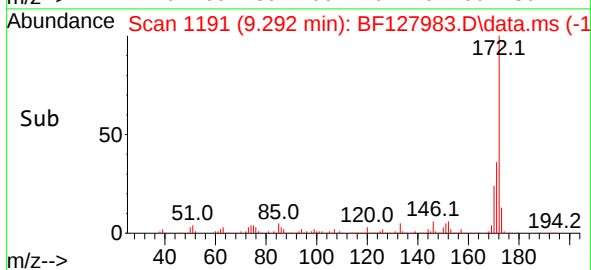
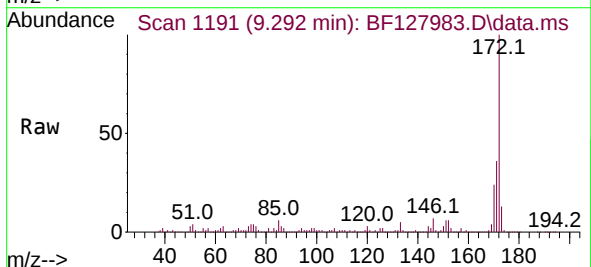
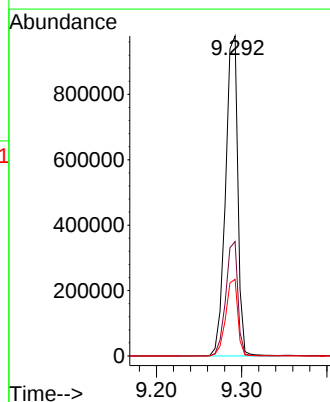
Tgt Ion:172 Resp: 979987

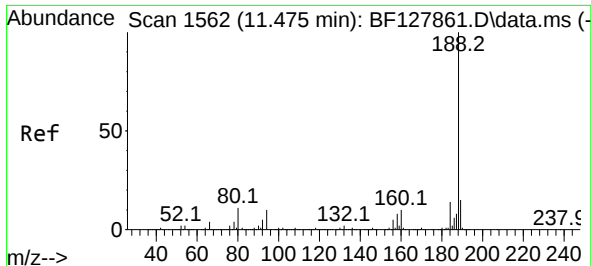
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.0 19.1 28.7

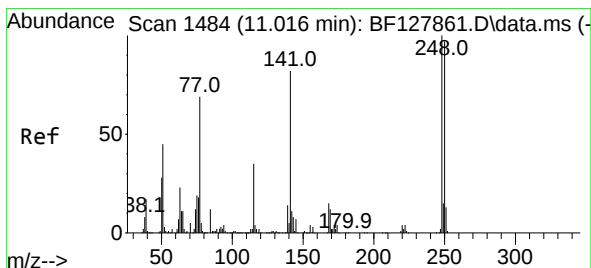
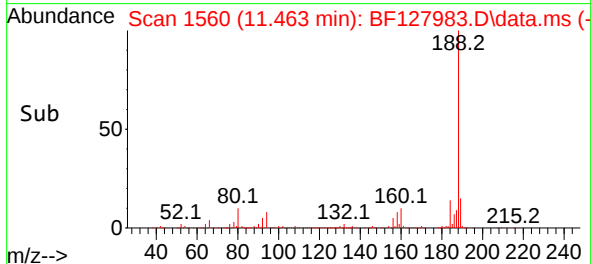
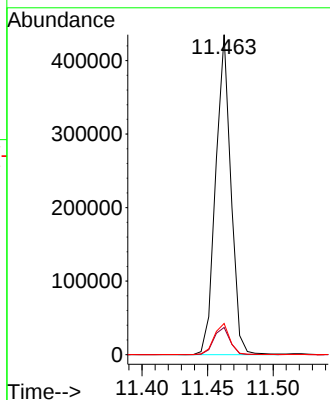
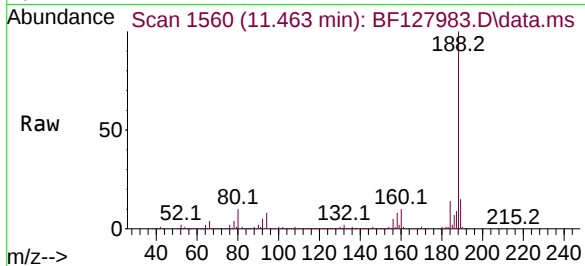




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

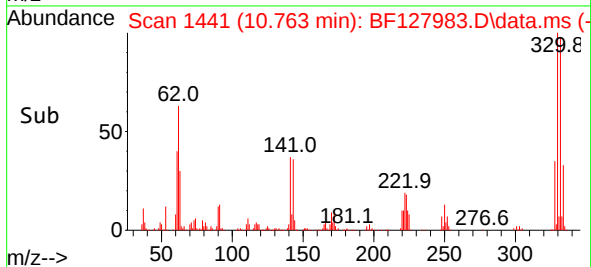
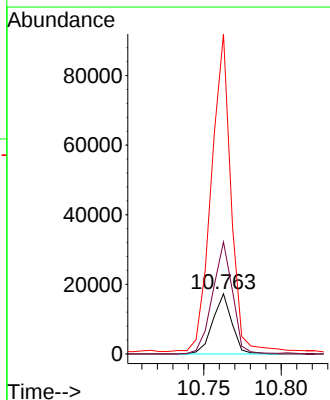
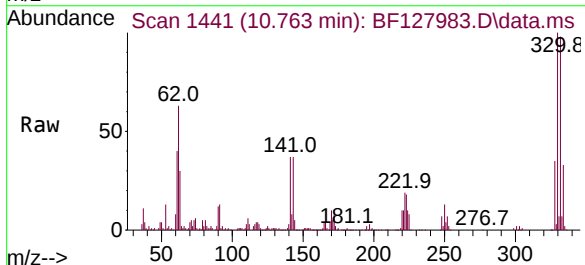
Instrument :
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GT-11-(15-20)

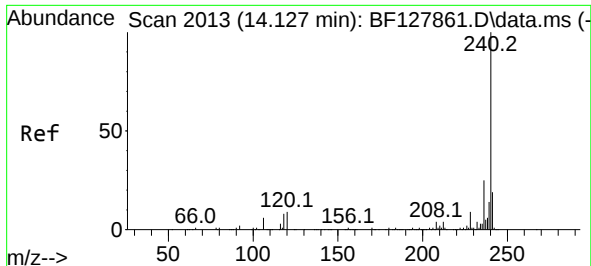
Tgt Ion:188 Resp: 351006
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.795 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

Tgt Ion:248 Resp: 14767
Ion Ratio Lower Upper
248 100
250 186.0 77.7 116.5#
141 531.5 65.6 98.4#

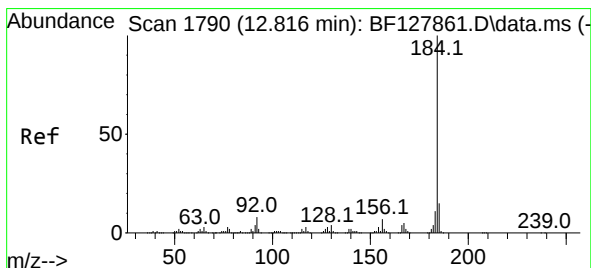
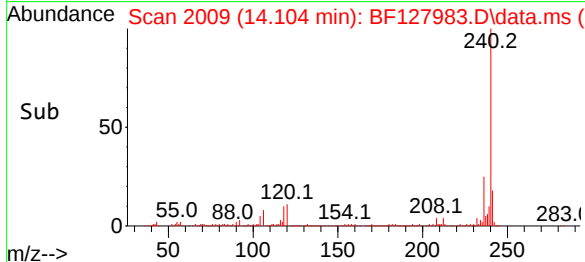
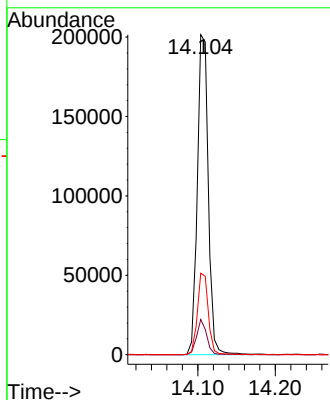
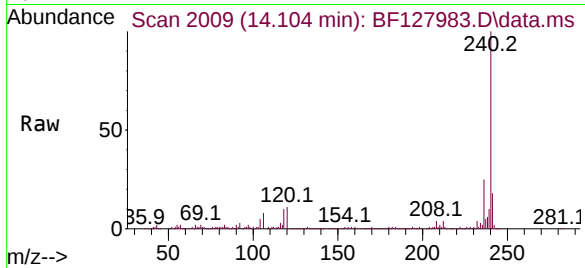




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

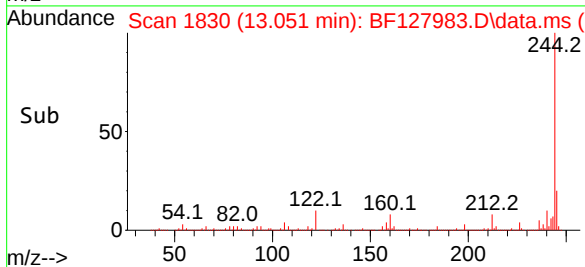
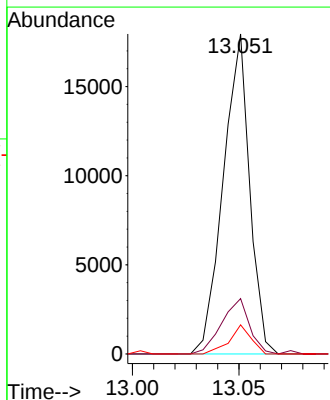
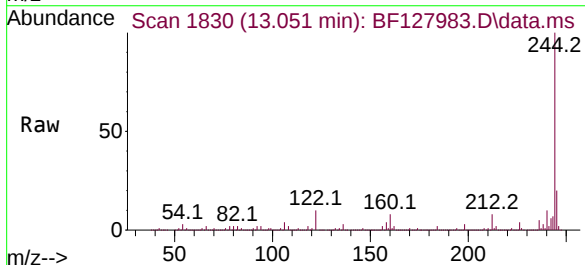
Instrument :
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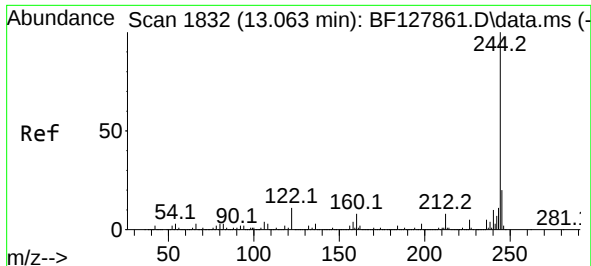
Tgt Ion:240 Resp: 198157
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.5 20.3 30.5



#77
Benzidine
Concen: 4.122 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127983.D
Acq: 28 Apr 2022 16:16

Tgt Ion:184 Resp: 15454
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 9.1 9.0 13.4

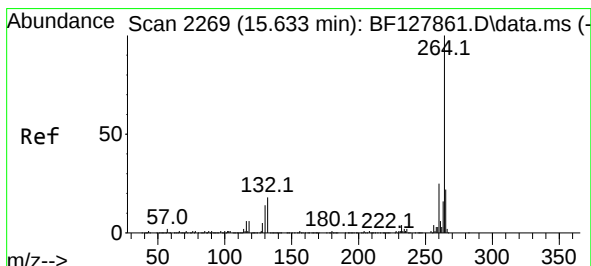
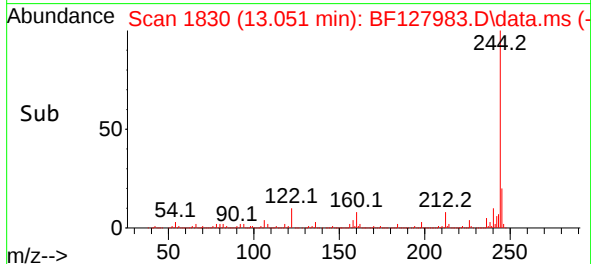
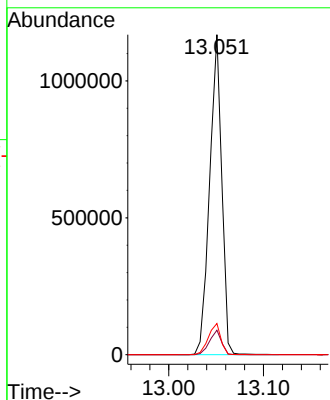
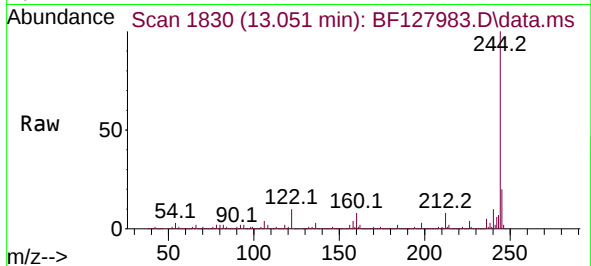




#79
 Terphenyl-d14
 Concen: 95.343 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127983.D
 Acq: 28 Apr 2022 16:16

Instrument :
 BNA_F
 ClientSampleId :
 GT-11-(15-20)

Tgt Ion:244 Resp: 1033215
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF127983.D
 Acq: 28 Apr 2022 16:16

Tgt Ion:264 Resp: 194787
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.2 17.5 26.3

