

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127980.D
 Acq On : 28 Apr 2022 14:51
 Operator : CG\JU
 Sample : N2577-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-04-(10-15)

Quant Time: Apr 28 17:24:38 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)

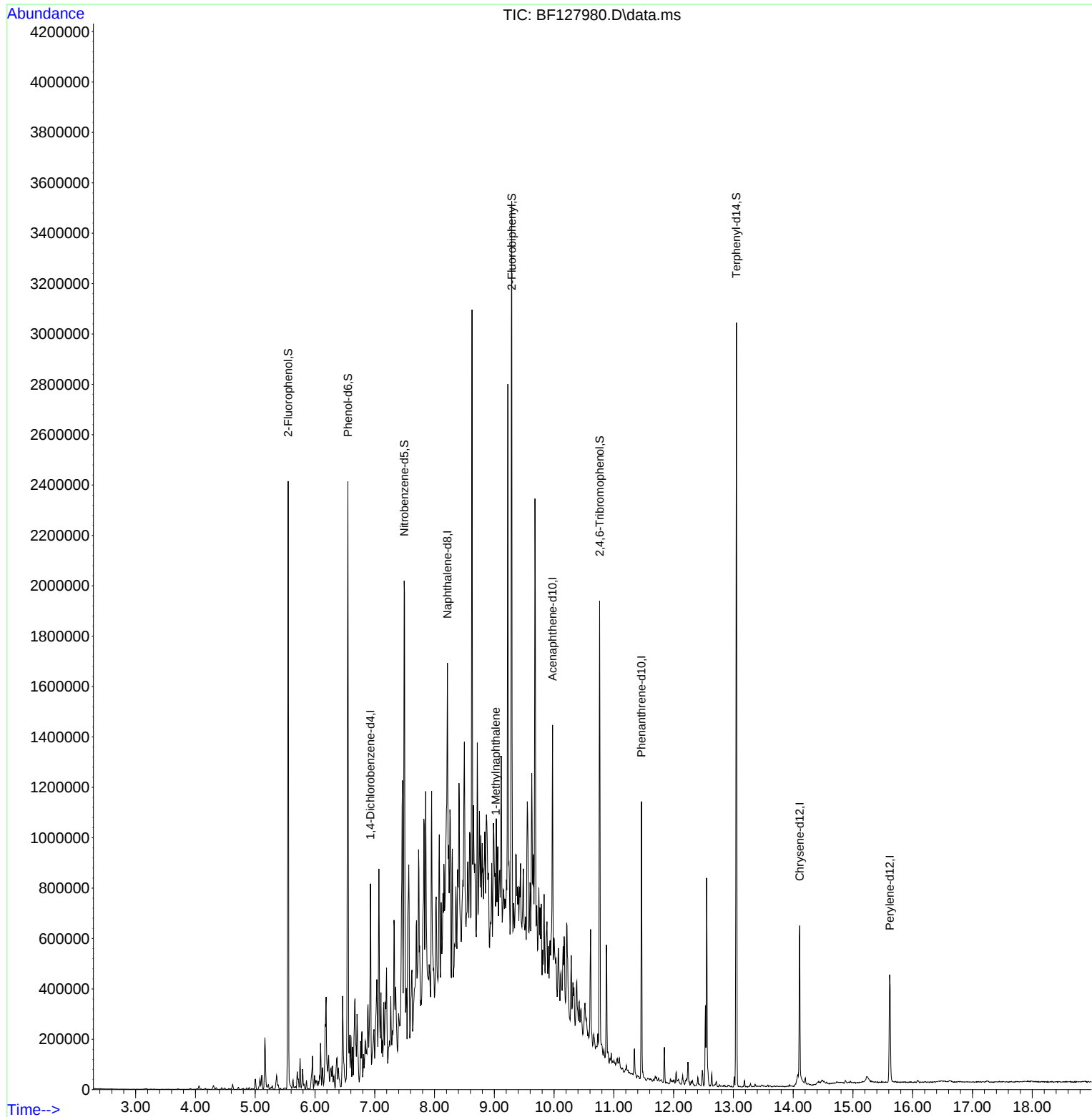
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	95778	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	341561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.974	164	197311	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	374753	20.000	ng	0.00
76) Chrysene-d12	14.110	240	211276	20.000	ng	0.00
86) Perylene-d12	15.615	264	211712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	586084	97.465	ng	0.00
7) Phenol-d6	6.551	99	790748	101.344	ng	-0.01
23) Nitrobenzene-d5	7.492	82	558650	76.912	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	200758	101.073	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	893911	76.644	ng	0.00
79) Terphenyl-d14	13.051	244	1020804	88.349	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	9.027	142	34098	3.051	ng	Qvalue 92

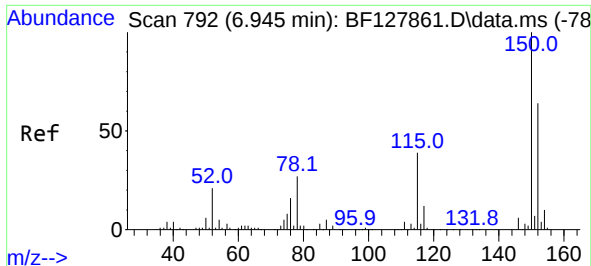
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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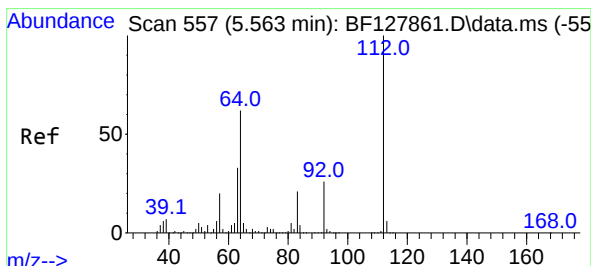
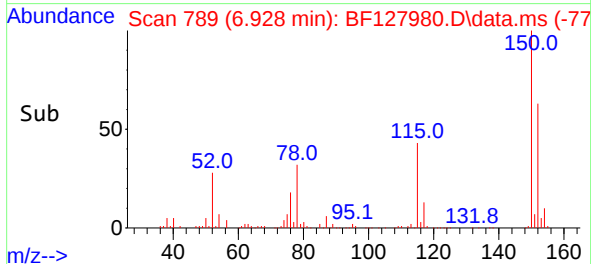
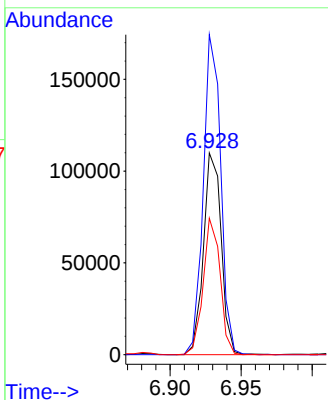
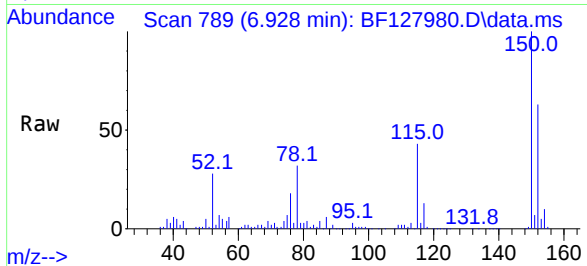




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

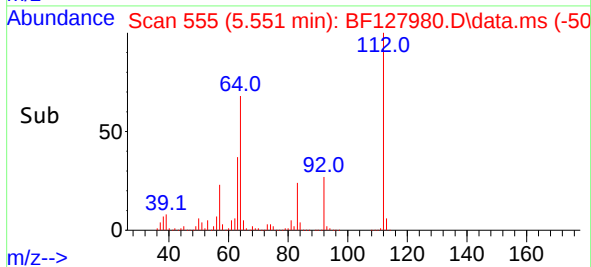
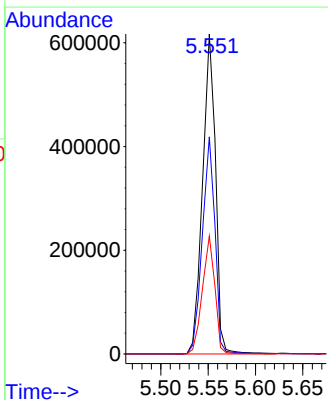
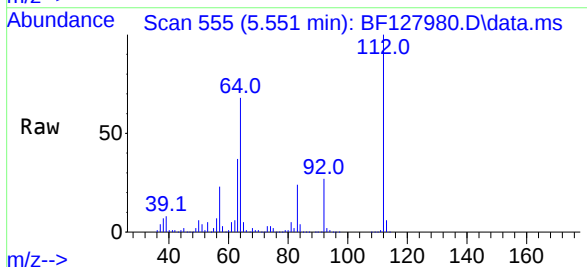
Instrument :
BNA_F
ClientSampleId :
GT-04-(10-15)

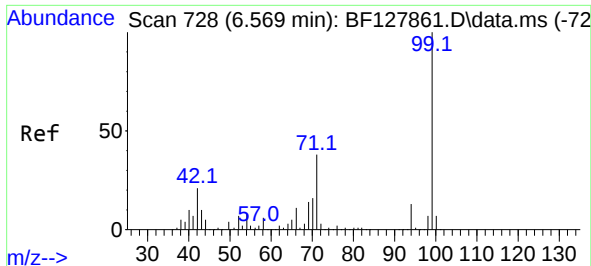
Tgt Ion:152 Resp: 95778
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 67.7 48.8 73.2



#5
2-Fluorophenol
Concen: 97.465 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

Tgt Ion:112 Resp: 586084
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.9 26.3 39.5

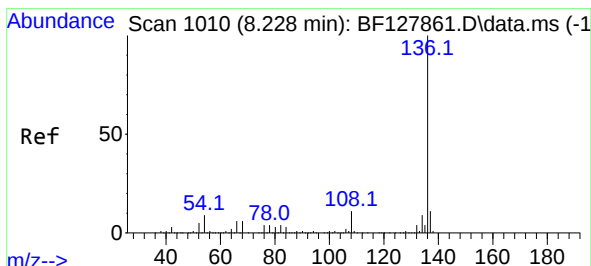
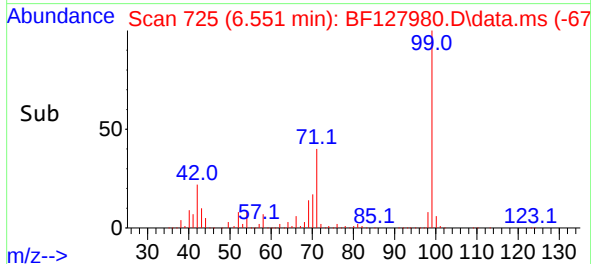
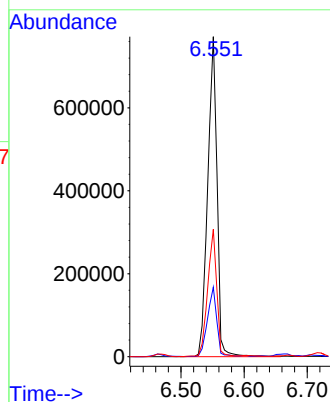
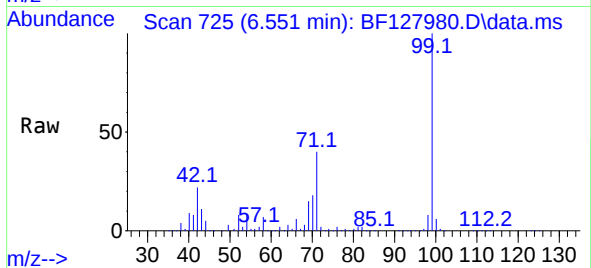




#7
Phenol-d6
Concen: 101.344 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

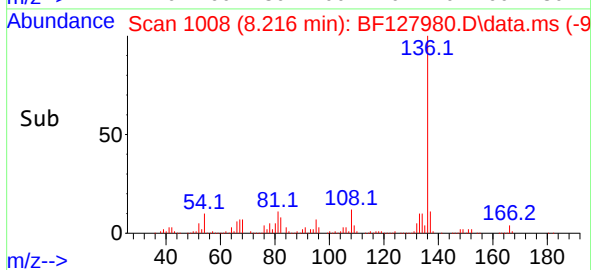
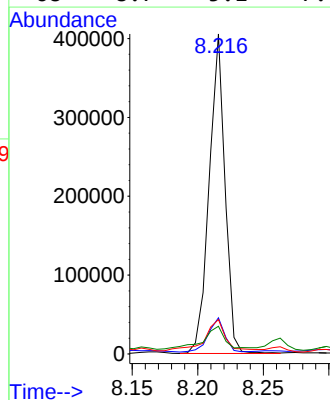
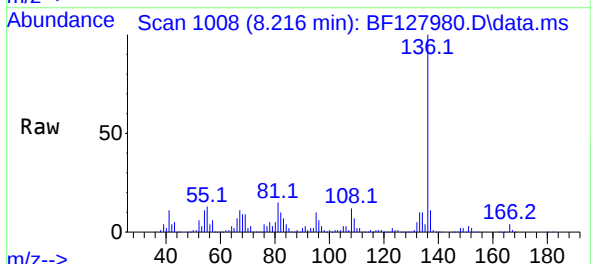
Instrument :
BNA_F
ClientSampleId :
GT-04-(10-15)

Tgt Ion: 99 Resp: 790748
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 39.8 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: BF127980.D
Acq: 28 Apr 2022 14:51

Tgt Ion:136 Resp: 341561
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.7 6.8 10.2#
68 8.7 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 76.912 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127980.D

Acq: 28 Apr 2022 14:51

Instrument :

BNA_F

ClientSampleId :

GT-04-(10-15)

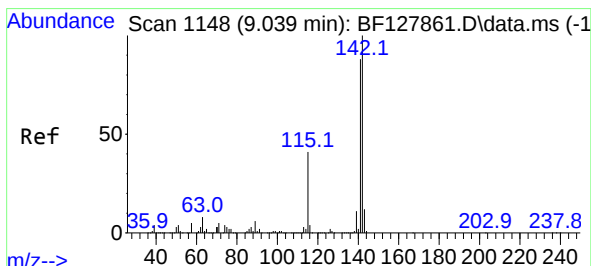
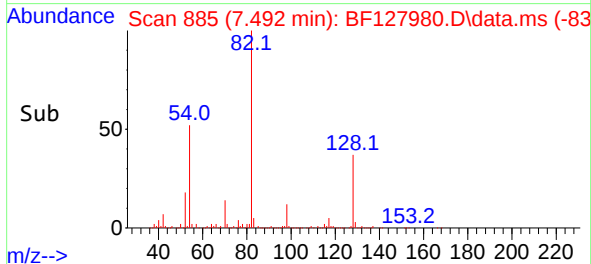
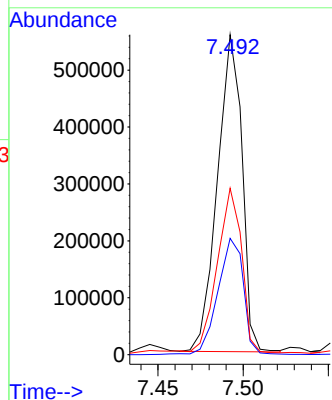
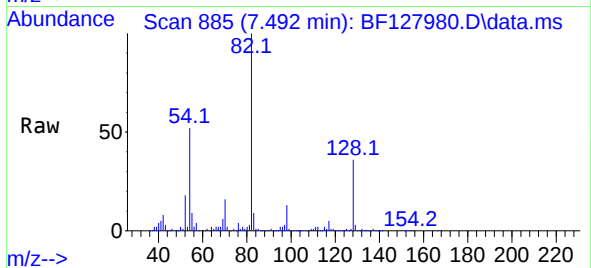
Tgt Ion: 82 Resp: 558650

Ion Ratio Lower Upper

82 100

128 36.4 30.0 45.0

54 52.0 41.3 61.9



#38

1-Methylnaphthalene

Concen: 3.051 ng

RT: 9.027 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127980.D

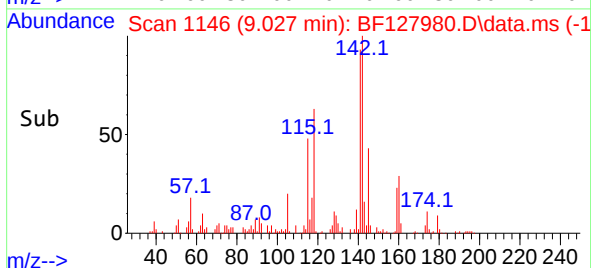
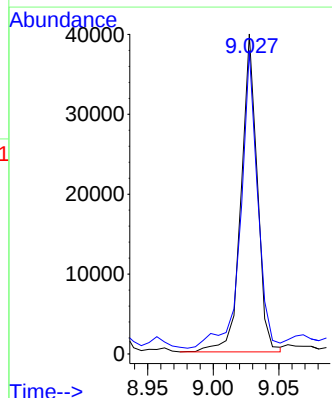
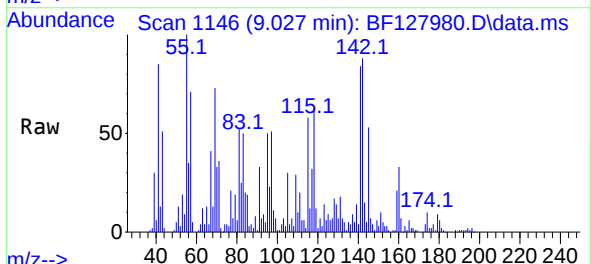
Acq: 28 Apr 2022 14:51

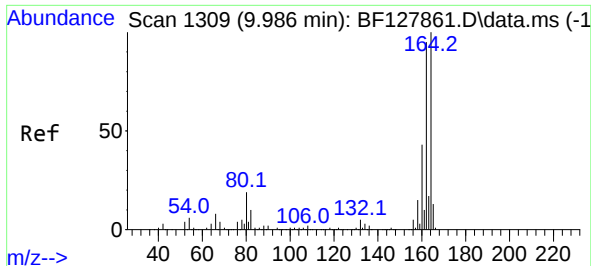
Tgt Ion: 142 Resp: 34098

Ion Ratio Lower Upper

142 100

141 94.8 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.974 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127980.D

Acq: 28 Apr 2022 14:51

Instrument :

BNA_F

ClientSampleId :

GT-04-(10-15)

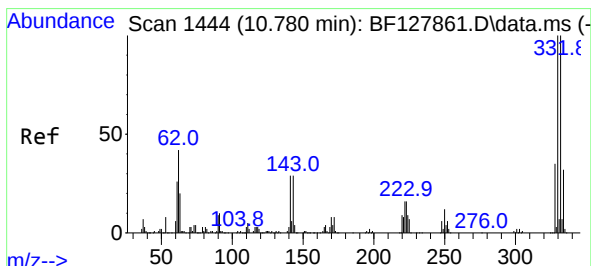
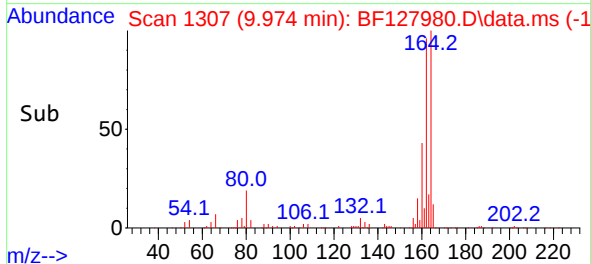
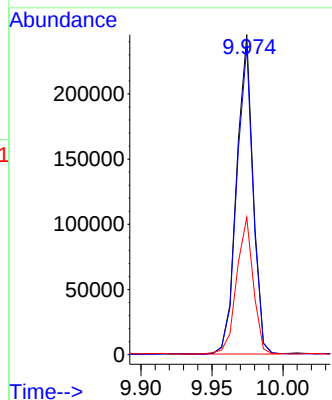
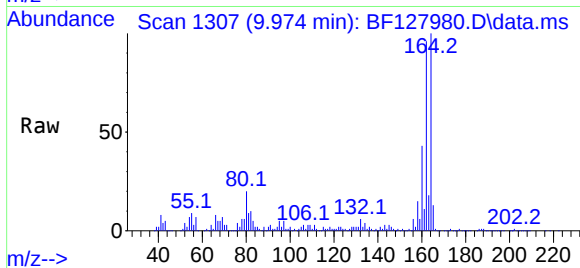
Tgt Ion:164 Resp: 197311

Ion Ratio Lower Upper

164 100

162 96.4 76.0 114.0

160 42.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 101.073 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127980.D

Acq: 28 Apr 2022 14:51

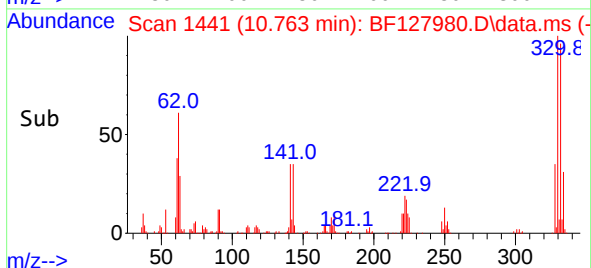
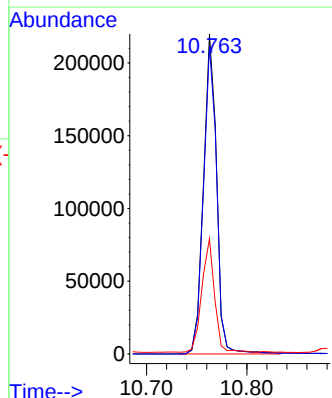
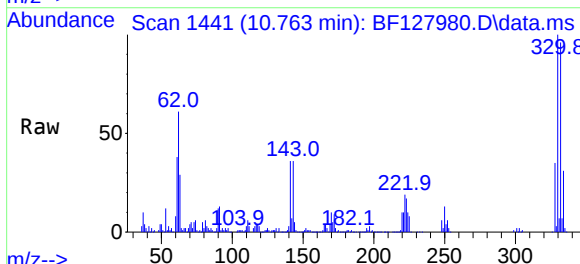
Tgt Ion:330 Resp: 200758

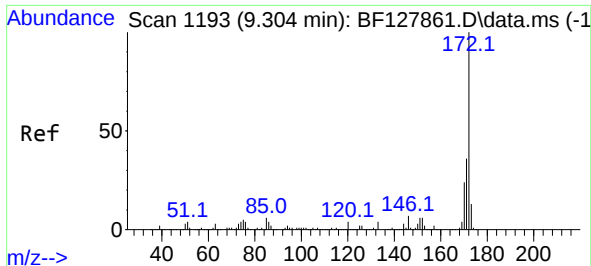
Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 34.6 28.9 43.3

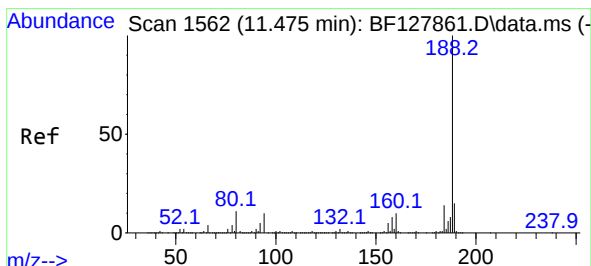
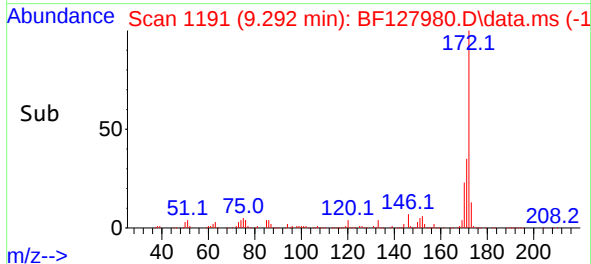
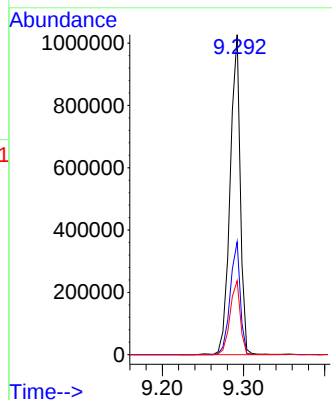
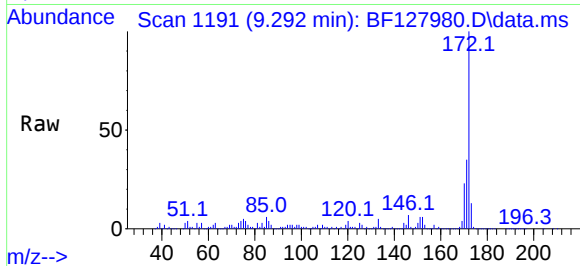




#45
2-Fluorobiphenyl
Concen: 76.644 ng
RT: 9.292 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

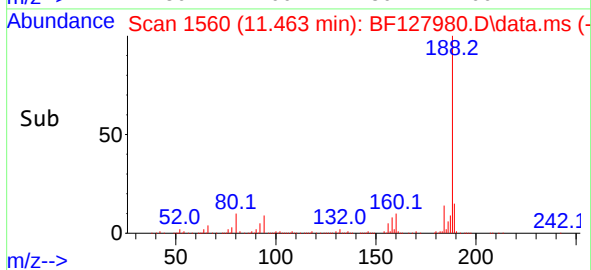
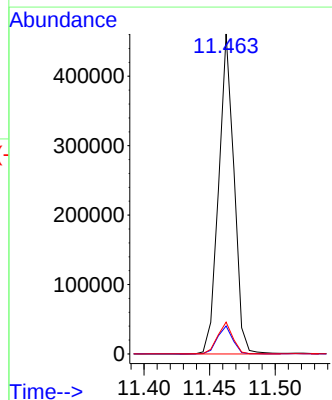
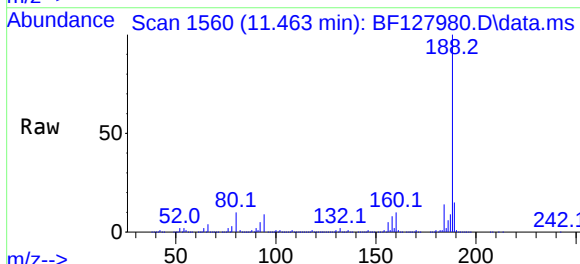
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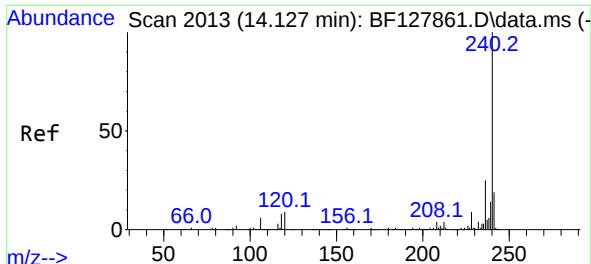
Tgt Ion:172 Resp: 893911
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

Tgt Ion:188 Resp: 374753
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.0 8.9 13.3

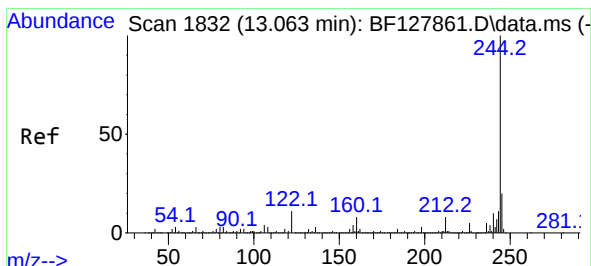
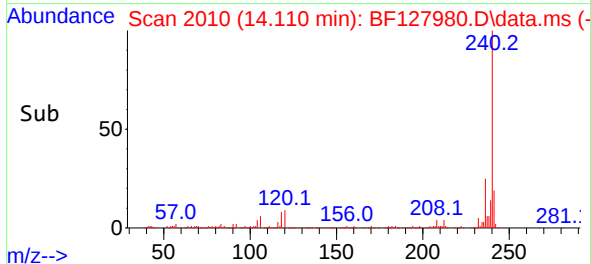
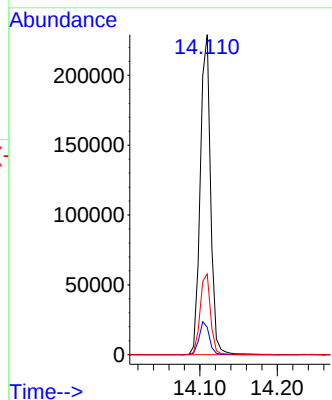
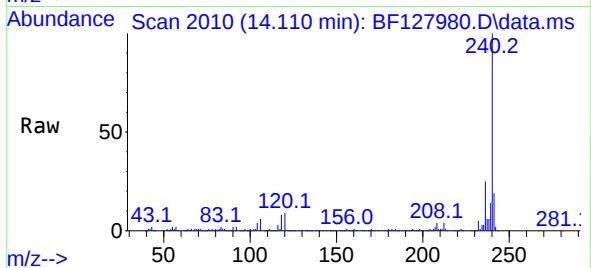




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

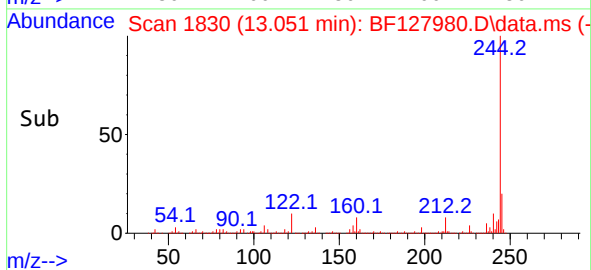
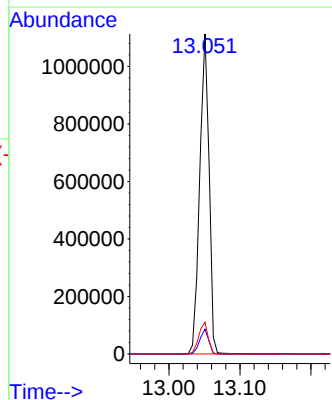
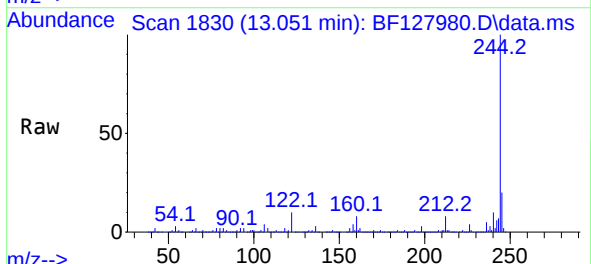
Instrument :
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GT-04-(10-15)

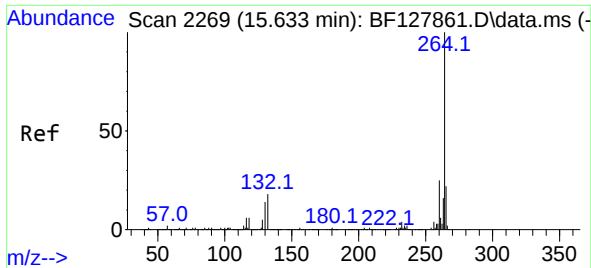
Tgt Ion:240 Resp: 211276
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 88.349 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

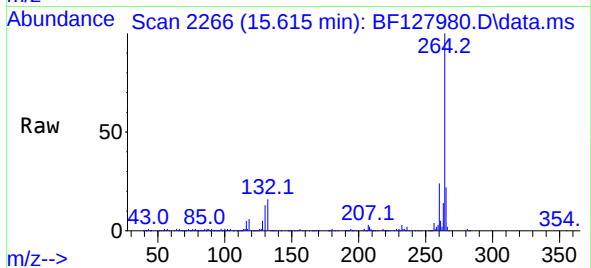
Tgt Ion:244 Resp: 1020804
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 9.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127980.D
Acq: 28 Apr 2022 14:51

Instrument :
BNA_F
ClientSampleId :
GT-04-(10-15)



Tgt Ion:264 Resp: 211712

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.7	17.5	26.3

