

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127958.D
Acq On : 27 Apr 2022 21:21
Operator : CG\JU
Sample : N2521-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3

Quant Time: Apr 28 05:17:27 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	100153	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	374694	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	199668	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	302033	20.000	ng	0.00
76) Chrysene-d12	14.104	240	186378	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	239525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	420718	66.909	ng	0.00
7) Phenol-d6	6.545	99	344800	42.260	ng	-0.02
23) Nitrobenzene-d5	7.492	82	740375	92.917	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	215167	107.048	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1143659	96.900	ng	0.00
79) Terphenyl-d14	13.051	244	826314	81.070	ng	0.00

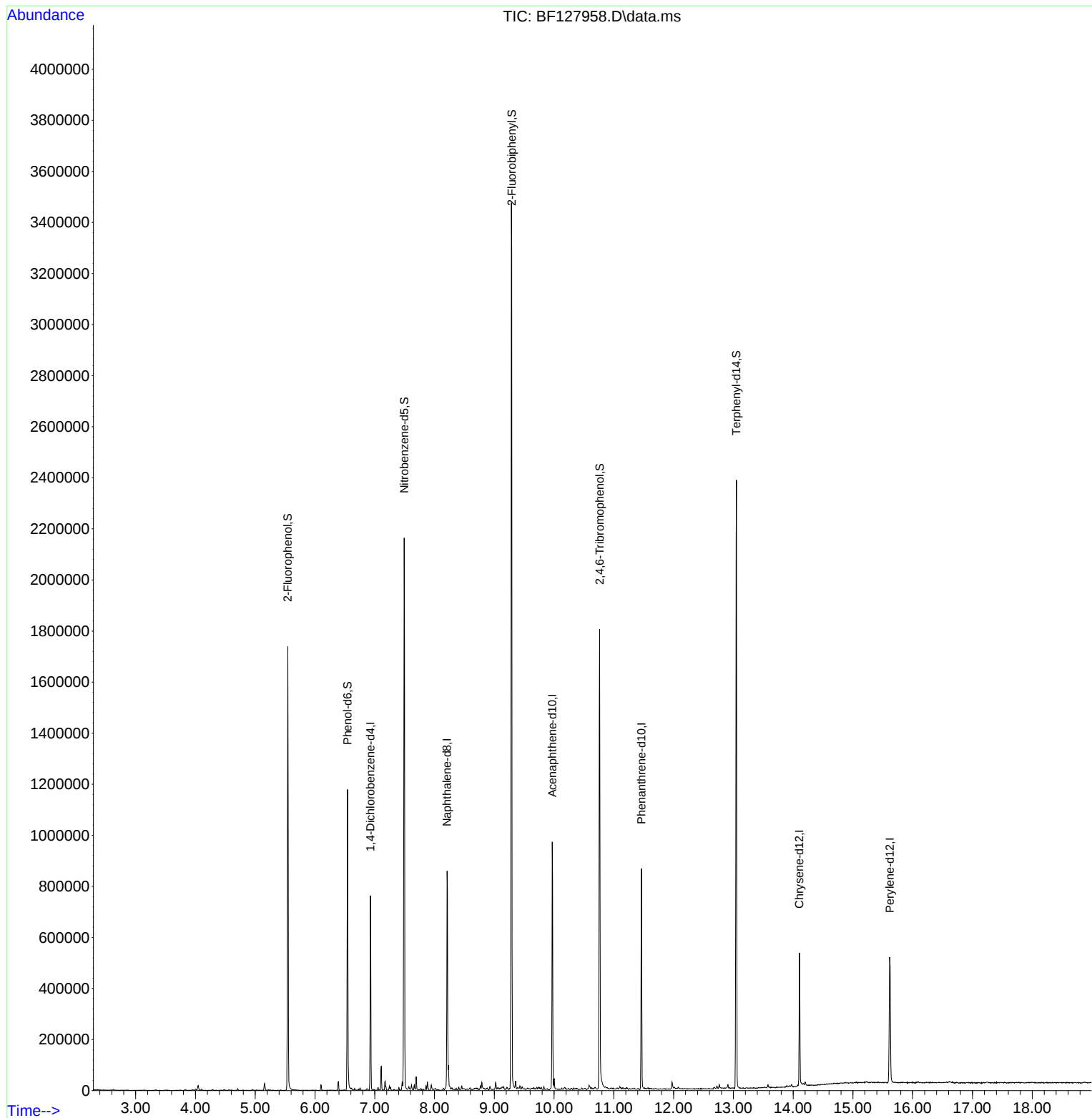
Target Compounds	Qvalue

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

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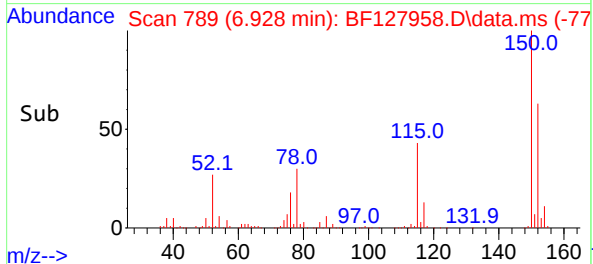
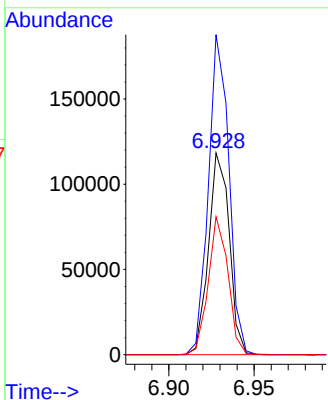
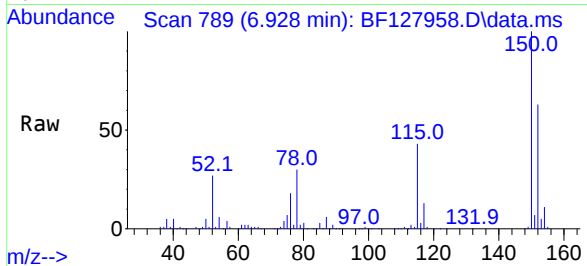




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

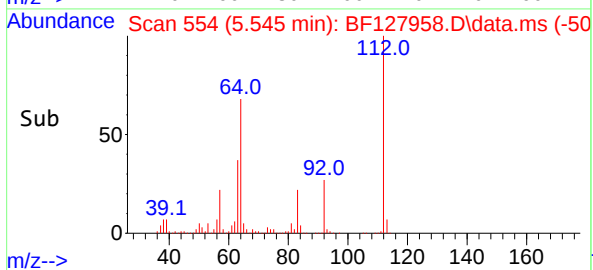
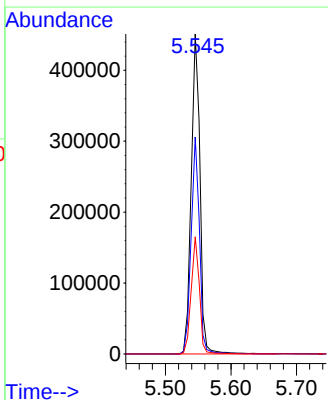
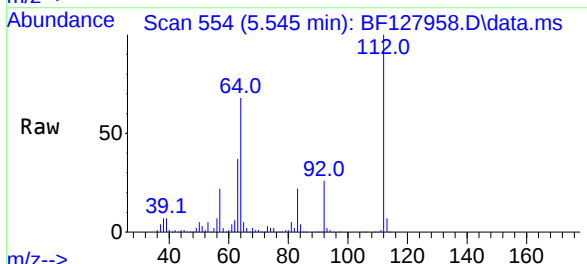
Instrument :
BNA_F
ClientSampleId :
MW3

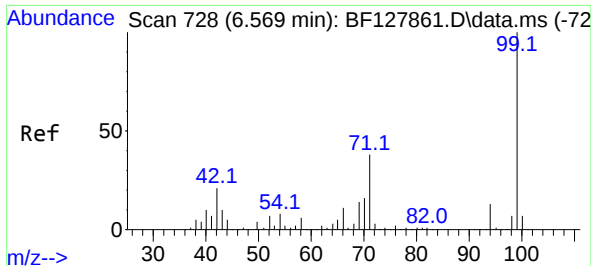
Tgt Ion:152 Resp: 100153
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 68.4 48.8 73.2



#5
2-Fluorophenol
Concen: 66.909 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion:112 Resp: 420718
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.6 26.3 39.5

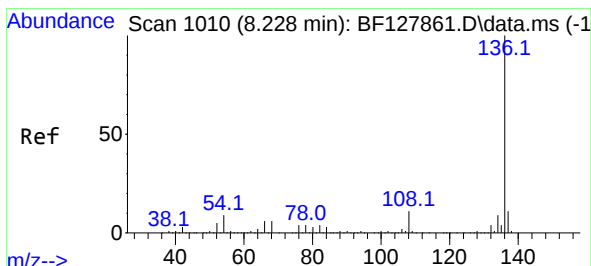
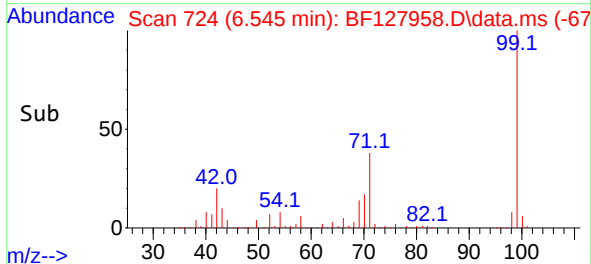
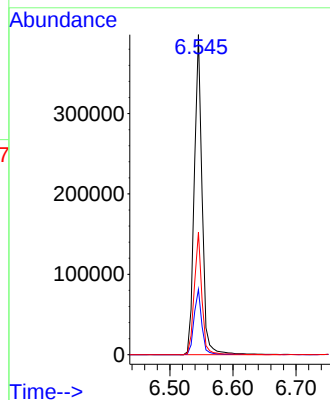
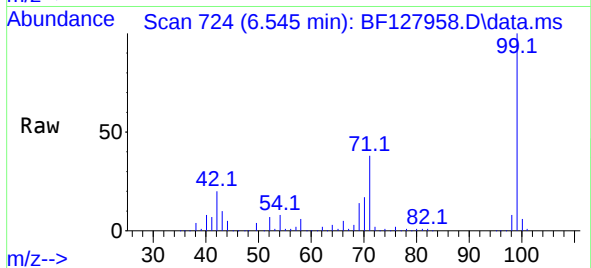




#7
Phenol-d6
Concen: 42.260 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

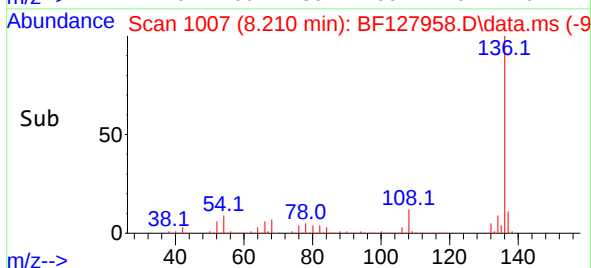
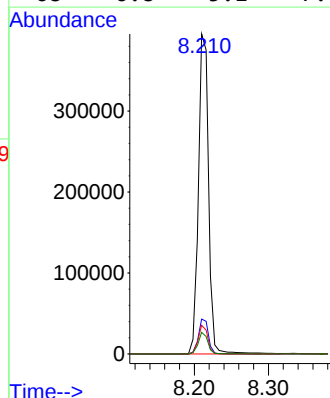
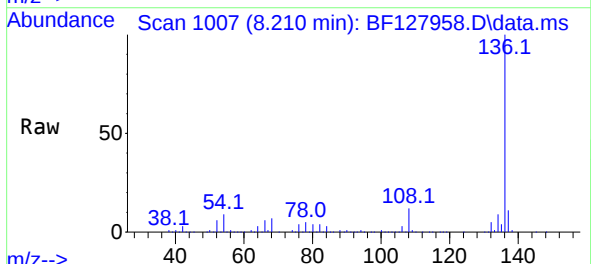
Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion: 99 Resp: 344800
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 38.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion: 136 Resp: 374694
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 6.8 10.2
68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 92.917 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

Instrument :

BNA_F

ClientSampleId :

MW3

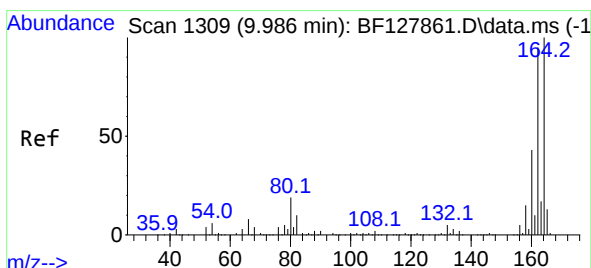
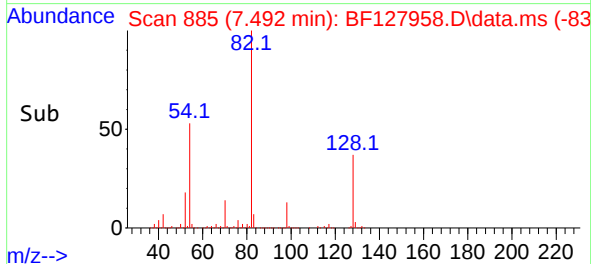
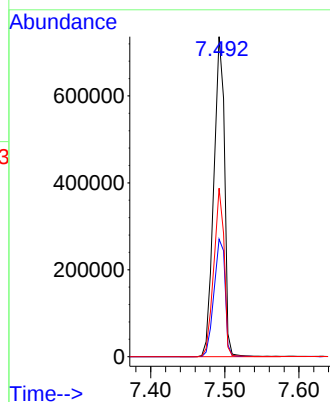
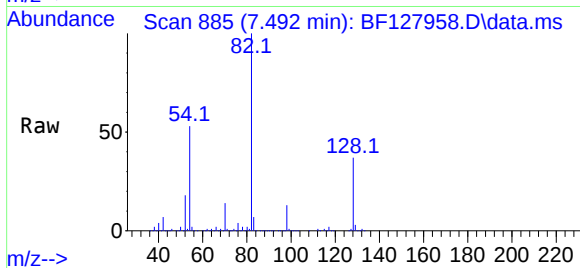
Tgt Ion: 82 Resp: 740375

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 52.6 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

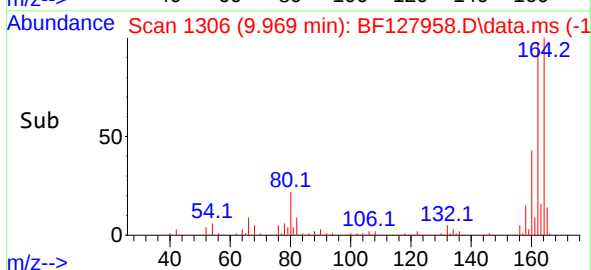
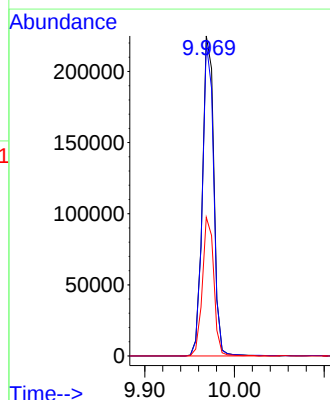
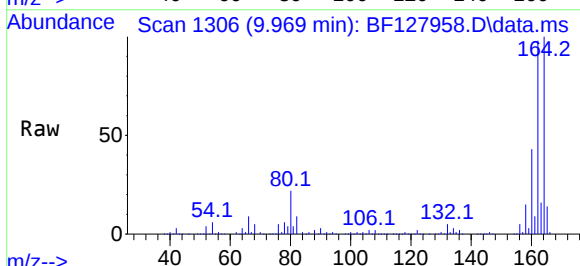
Tgt Ion: 164 Resp: 199668

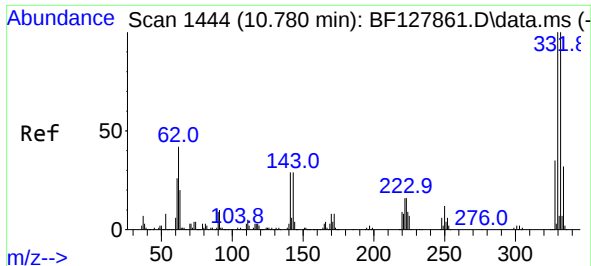
Ion Ratio Lower Upper

164 100

162 98.0 76.0 114.0

160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 107.048 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

Instrument :

BNA_F

ClientSampleId :

MW3

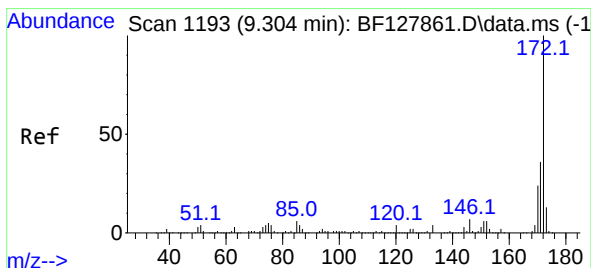
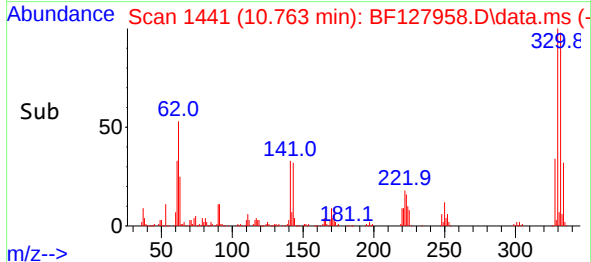
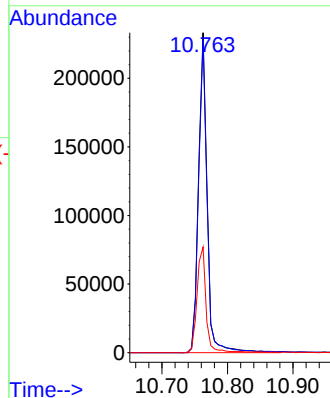
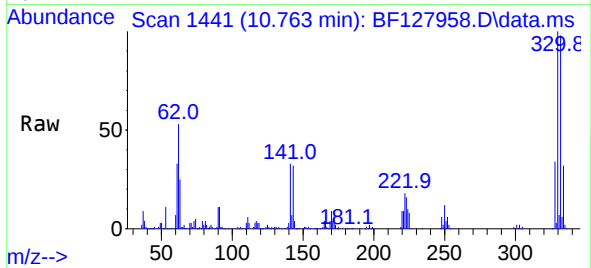
Tgt Ion:330 Resp: 215167

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 35.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 96.900 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

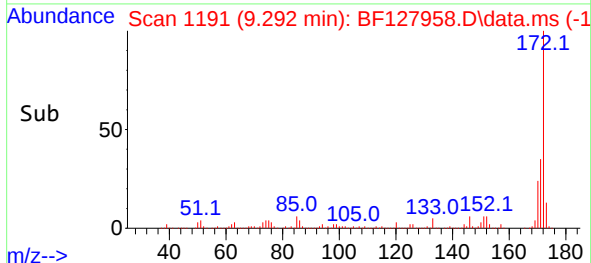
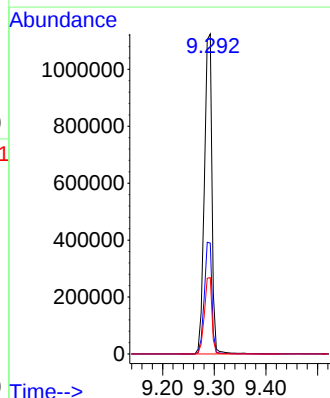
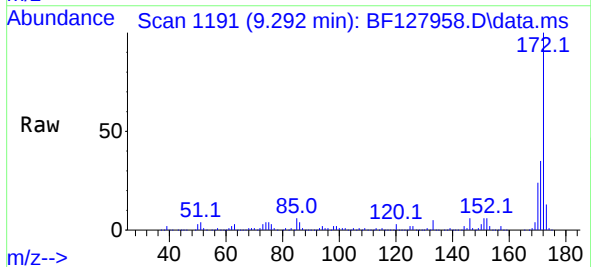
Tgt Ion:172 Resp: 1143659

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.8 19.1 28.7

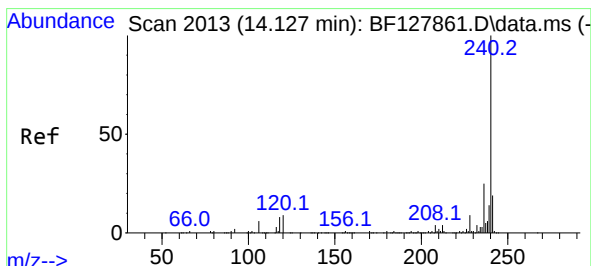
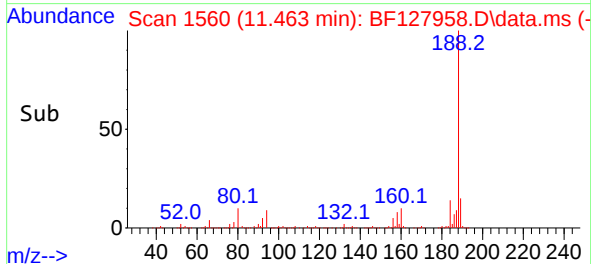
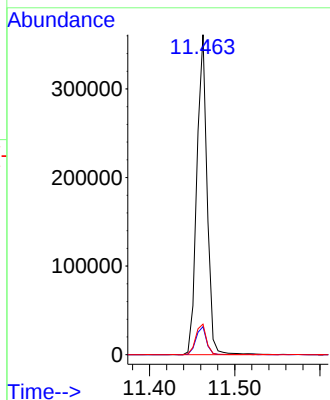
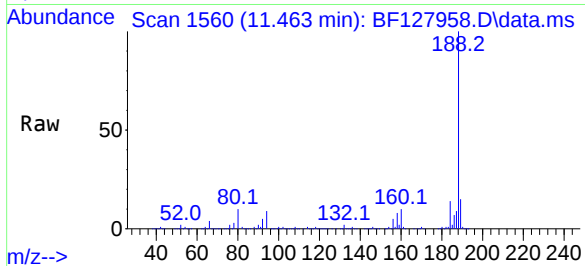




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

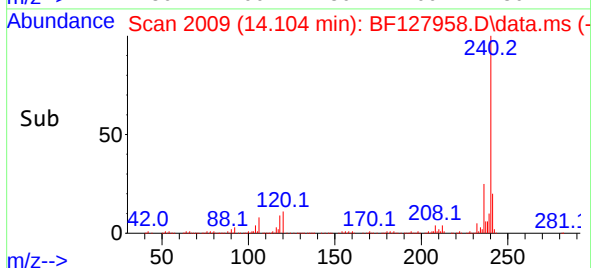
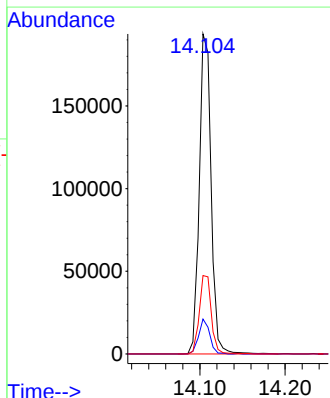
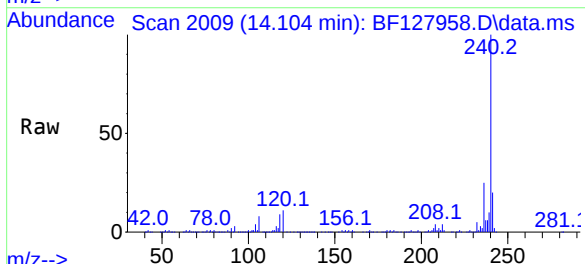
Instrument :
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Tgt Ion:188 Resp: 302033
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion:240 Resp: 186378
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 24.5 20.3 30.5

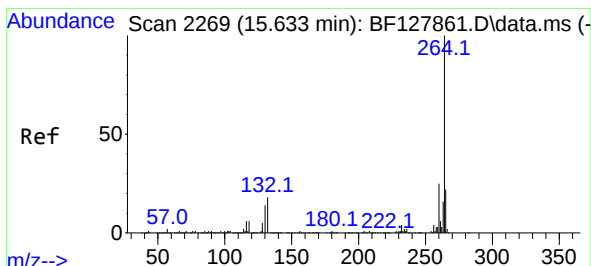
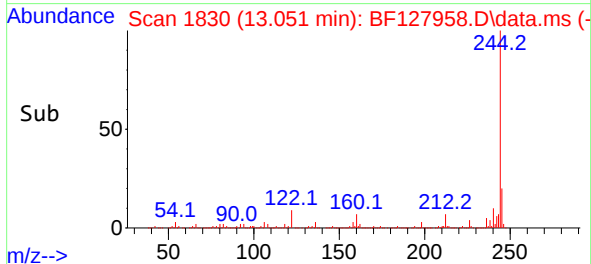
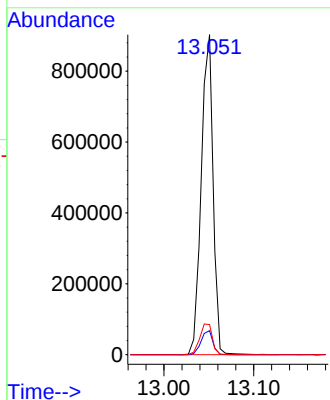
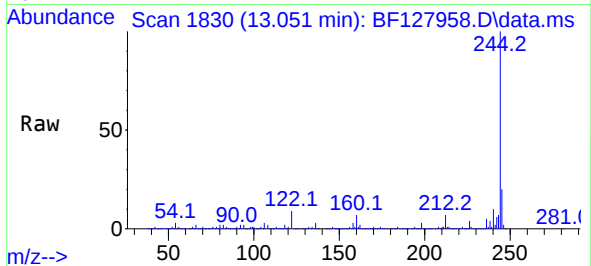




#79
 Terphenyl-d14
 Concen: 81.070 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF127958.D
 Acq: 27 Apr 2022 21:21

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tgt Ion:244 Resp: 826314
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.4 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: BF127958.D
 Acq: 27 Apr 2022 21:21

Tgt Ion:264 Resp: 239525
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 20.9 17.5 26.3

