

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127961.D
 Acq On : 27 Apr 2022 22:46
 Operator : CG\JU
 Sample : N2521-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Apr 28 05:17:46 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)

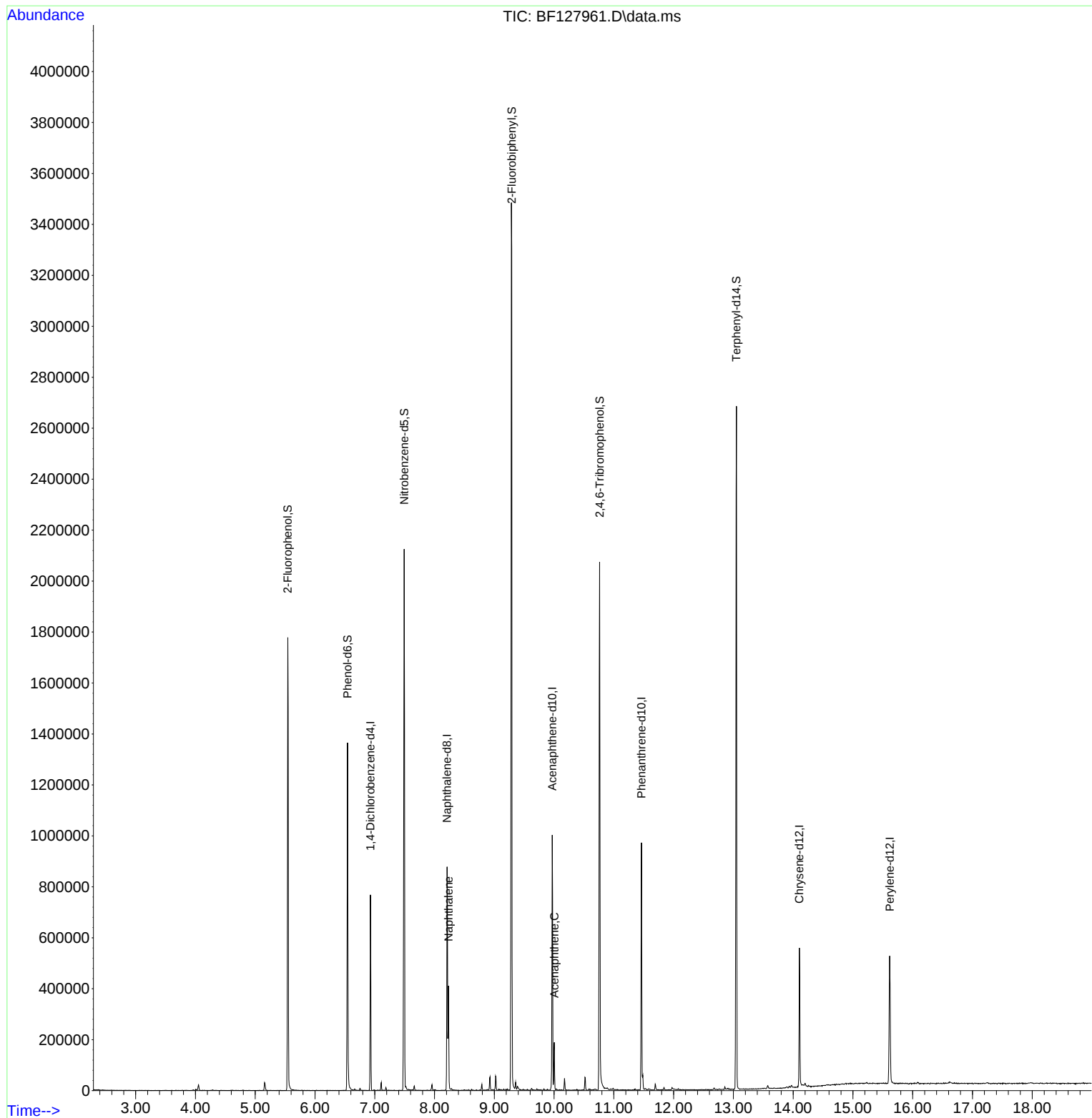
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	98390	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	377840	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	205406	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	331054	20.000	ng	0.00
76) Chrysene-d12	14.104	240	187205	20.000	ng	-0.01
86) Perylene-d12	15.615	264	226139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	452724	73.289	ng	0.00
7) Phenol-d6	6.545	99	398489	49.716	ng	-0.02
23) Nitrobenzene-d5	7.492	82	737675	91.807	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	238673	115.426	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1155297	95.151	ng	0.00
79) Terphenyl-d14	13.051	244	916317	89.503	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.233	128	159013	8.263	ng	99
52) Acenaphthene	10.004	154	38174	3.205	ng	99

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

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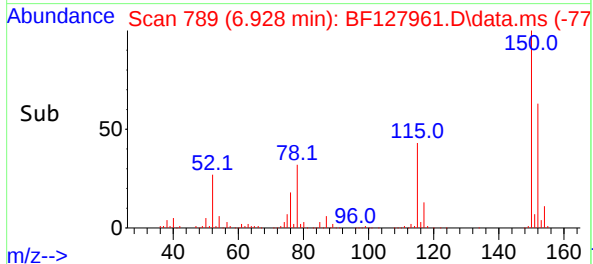
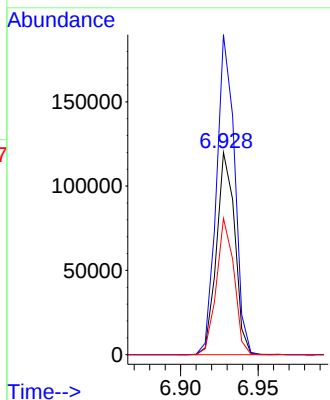
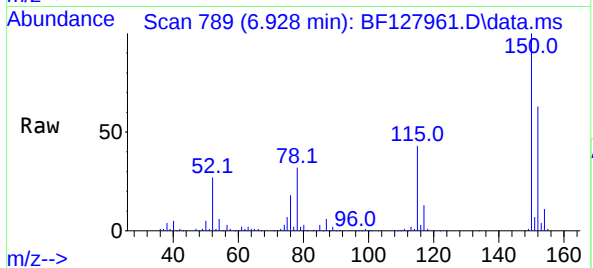




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

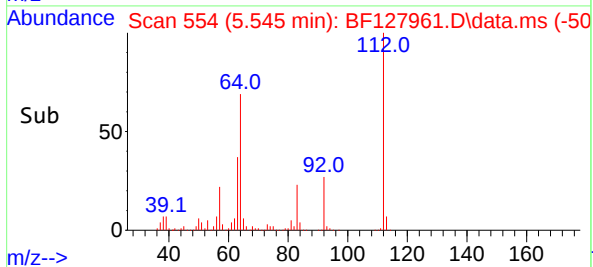
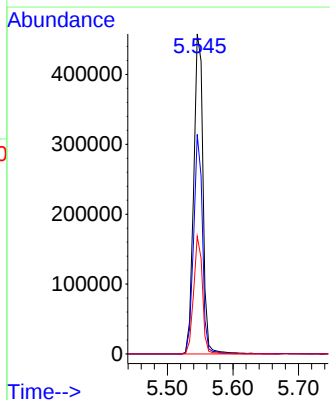
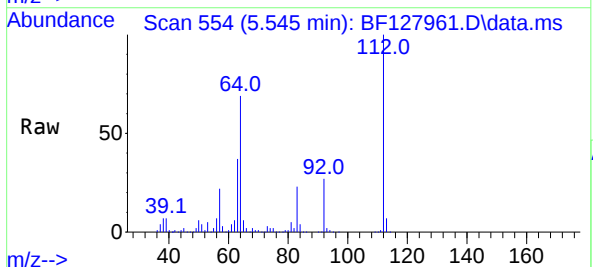
Instrument :
BNA_F
ClientSampleId :
MW2

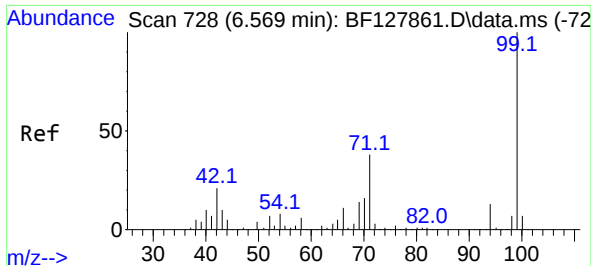
Tgt Ion:152 Resp: 98390
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 67.4 48.8 73.2



#5
2-Fluorophenol
Concen: 73.289 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:112 Resp: 452724
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 36.7 26.3 39.5

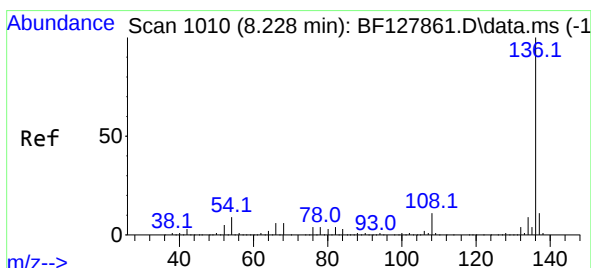
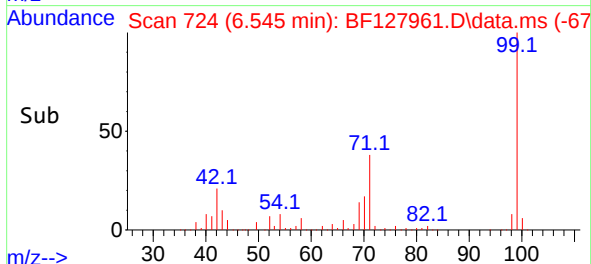
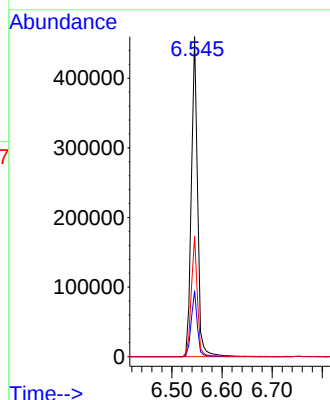
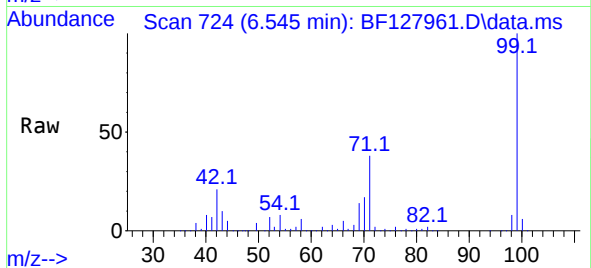




#7
Phenol-d6
Concen: 49.716 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

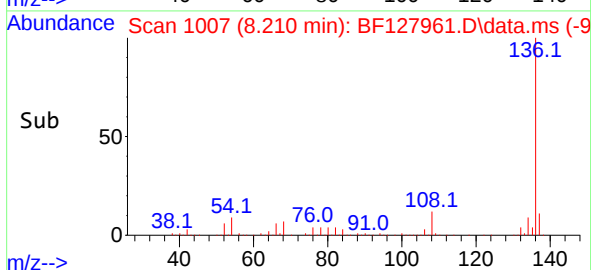
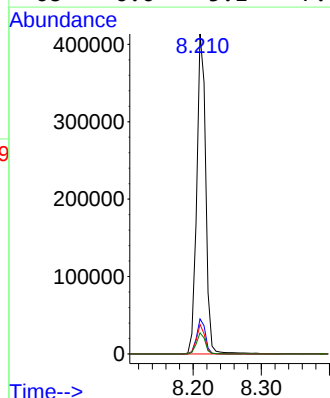
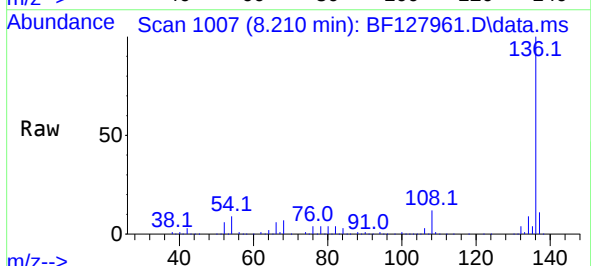
Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion: 99 Resp: 398489
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 37.6 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: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 136 Resp: 377840
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 6.8 10.2
68 6.6 5.1 7.7

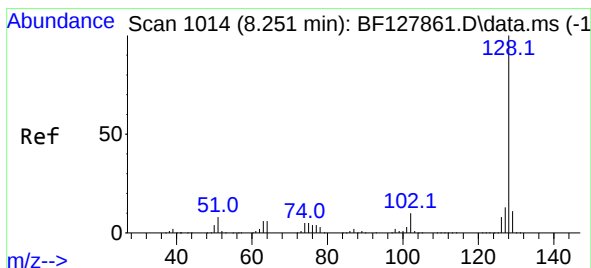
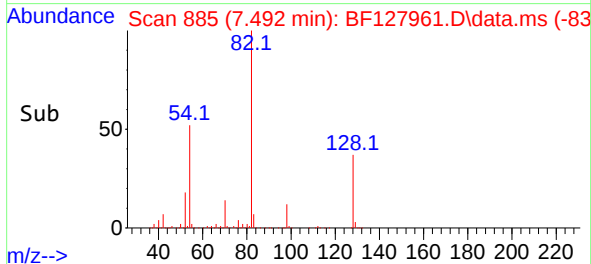
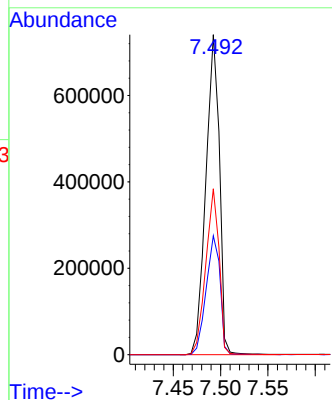
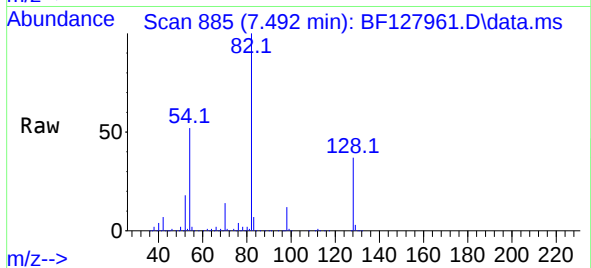




#23
Nitrobenzene-d5
Concen: 91.807 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

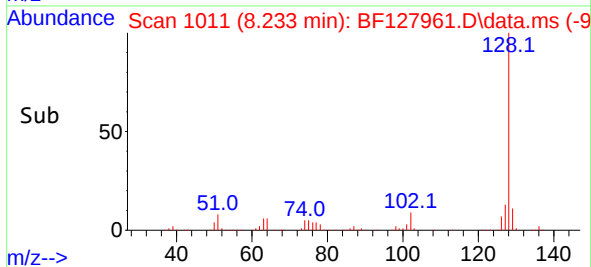
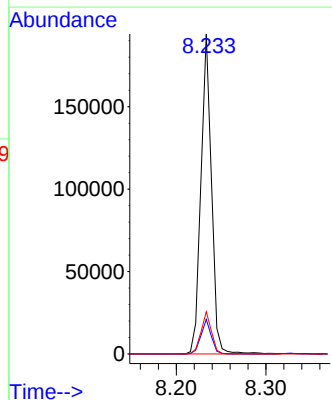
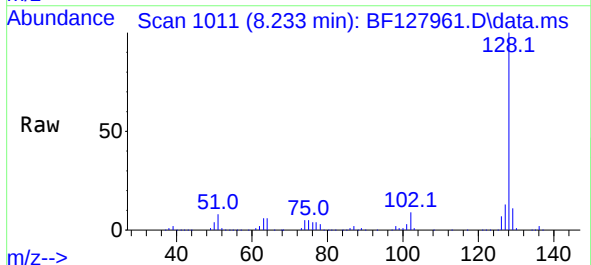
Instrument :
BNA_F
ClientSampleId :
MW2

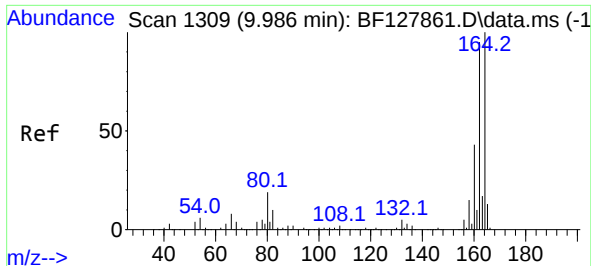
Tgt Ion: 82 Resp: 737675
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 51.9 41.3 61.9



#31
Naphthalene
Concen: 8.263 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 128 Resp: 159013
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

Instrument :

BNA_F

ClientSampleId :

MW2

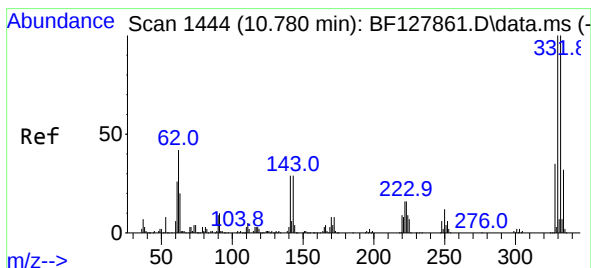
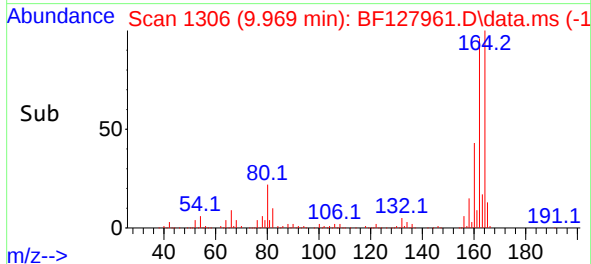
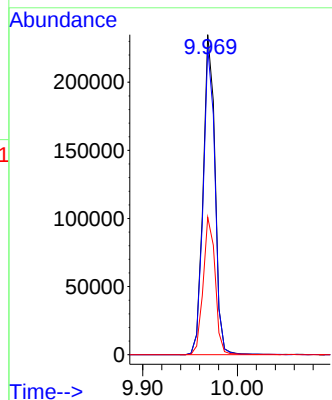
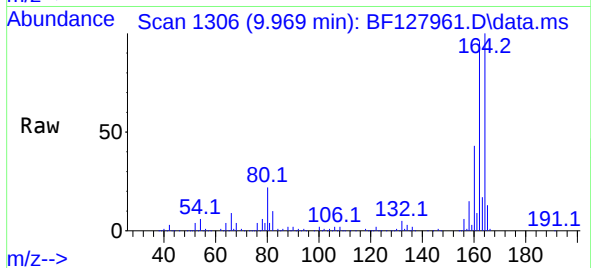
Tgt Ion:164 Resp: 205406

Ion Ratio Lower Upper

164 100

162 96.0 76.0 114.0

160 42.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 115.426 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

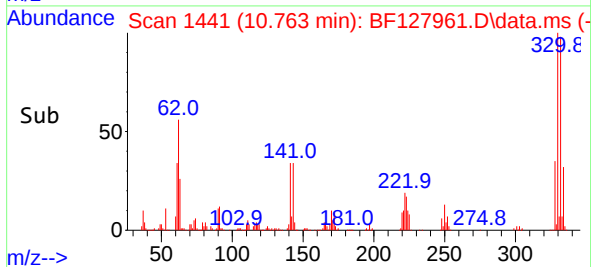
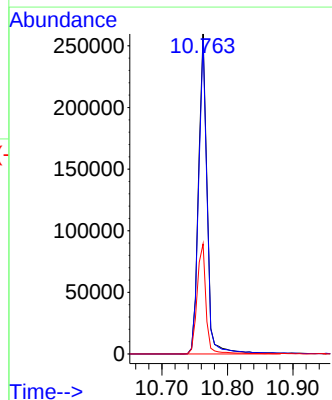
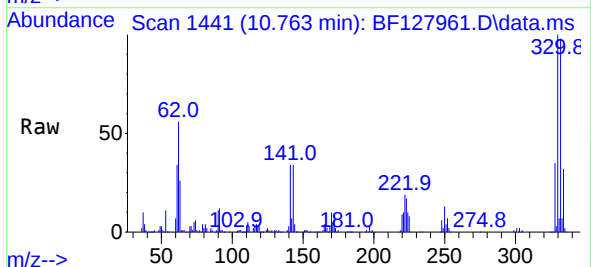
Tgt Ion:330 Resp: 238673

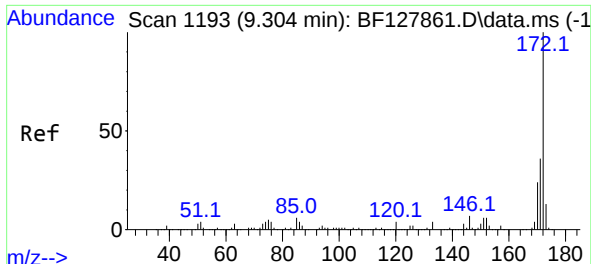
Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 35.5 28.9 43.3

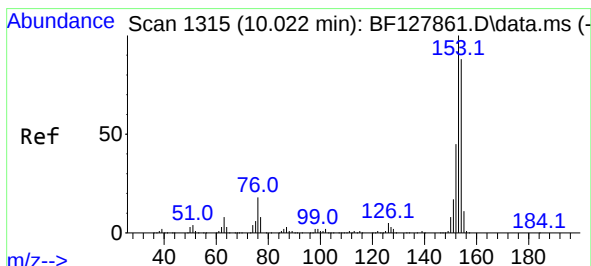
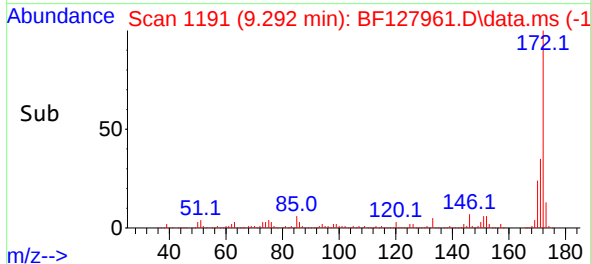
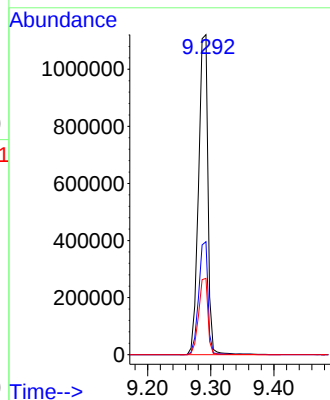
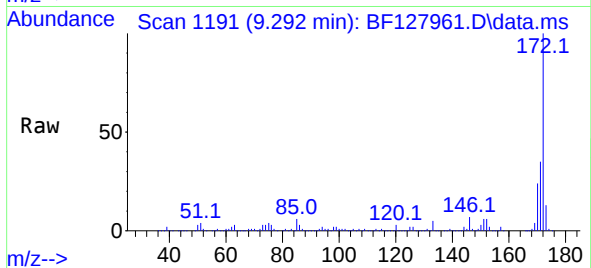




#45
2-Fluorobiphenyl
Concen: 95.151 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

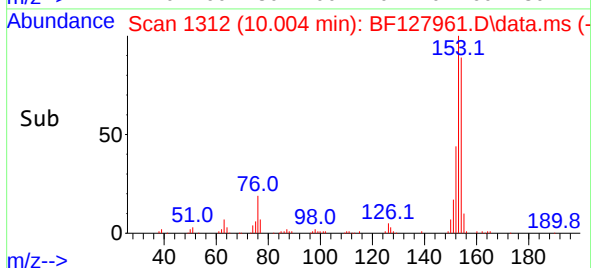
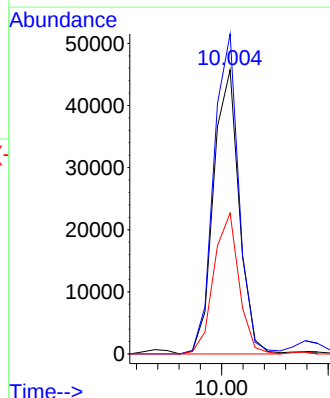
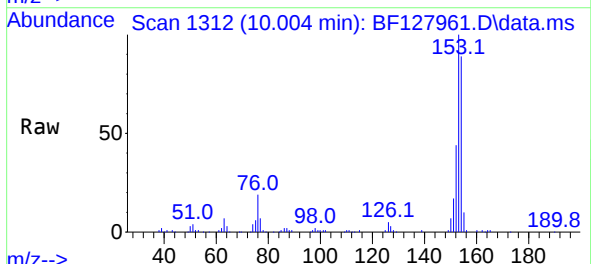
Instrument :
BNA_F
ClientSampleId :
MW2

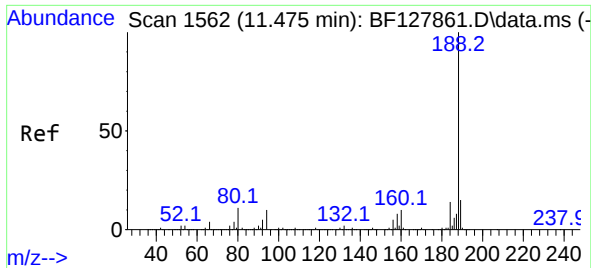
Tgt Ion:172 Resp: 1155297
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7



#52
Acenaphthene
Concen: 3.205 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:154 Resp: 38174
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 49.6 41.0 61.6

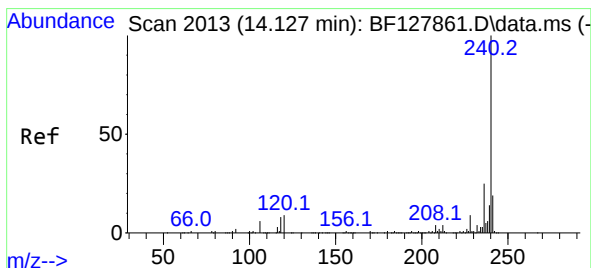
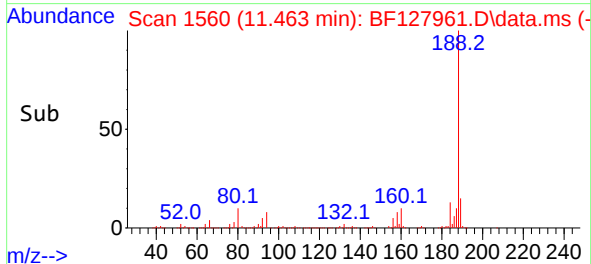
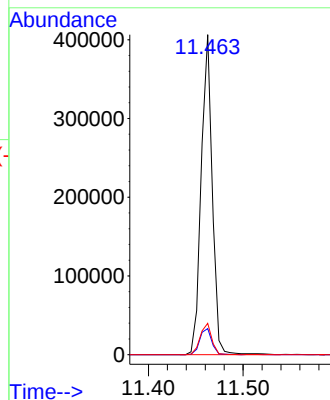
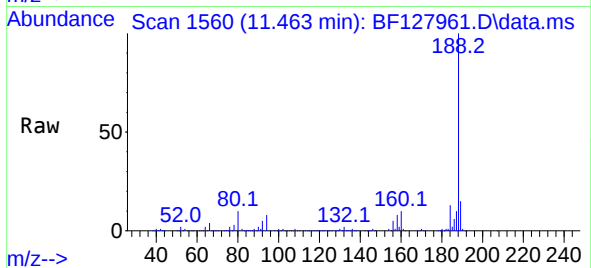




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

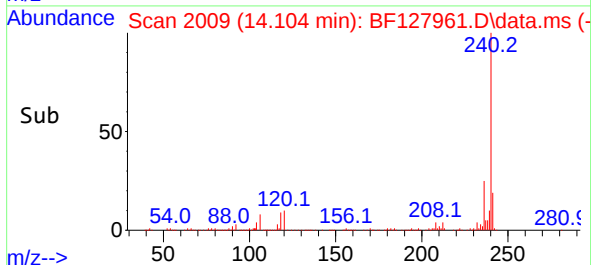
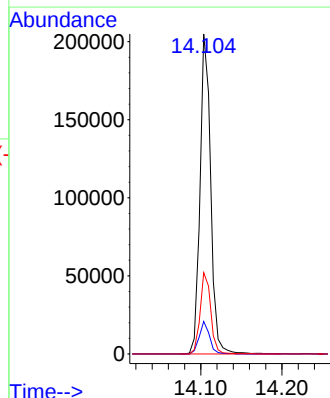
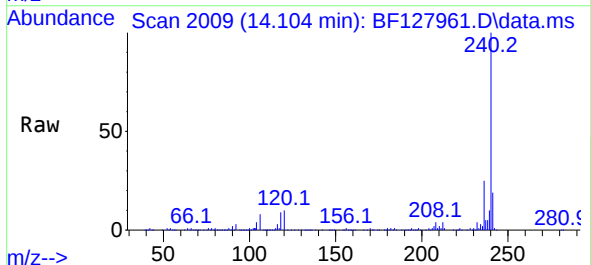
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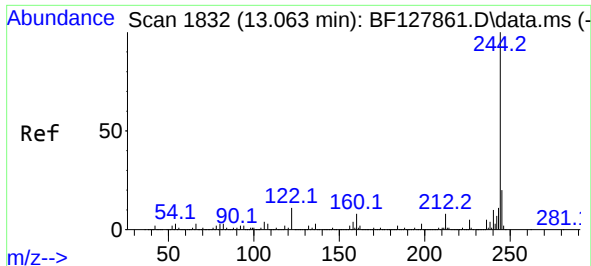
Tgt Ion:188 Resp: 331054
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:240 Resp: 187205
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.4 20.3 30.5

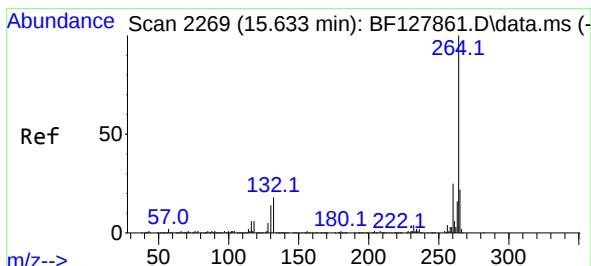
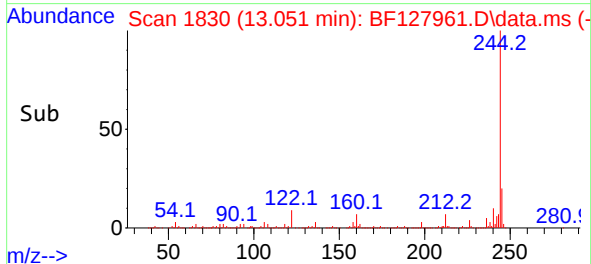
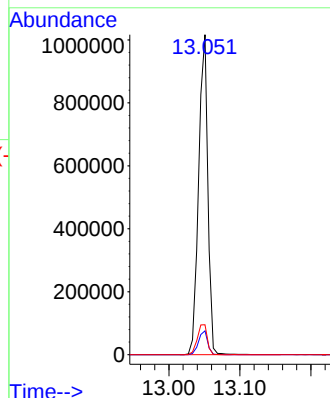
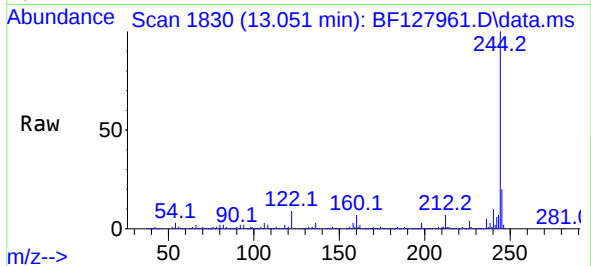




#79
 Terphenyl-d14
 Concen: 89.503 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127961.D
 Acq: 27 Apr 2022 22:46

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tgt Ion:244 Resp: 916317
 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: BF127961.D
 Acq: 27 Apr 2022 22:46

Tgt Ion:264 Resp: 226139
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.4 17.5 26.3

