

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127563.D
 Acq On : 29 Mar 2022 14:10
 Operator : CG\JU
 Sample : N2154-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 29 15:56:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

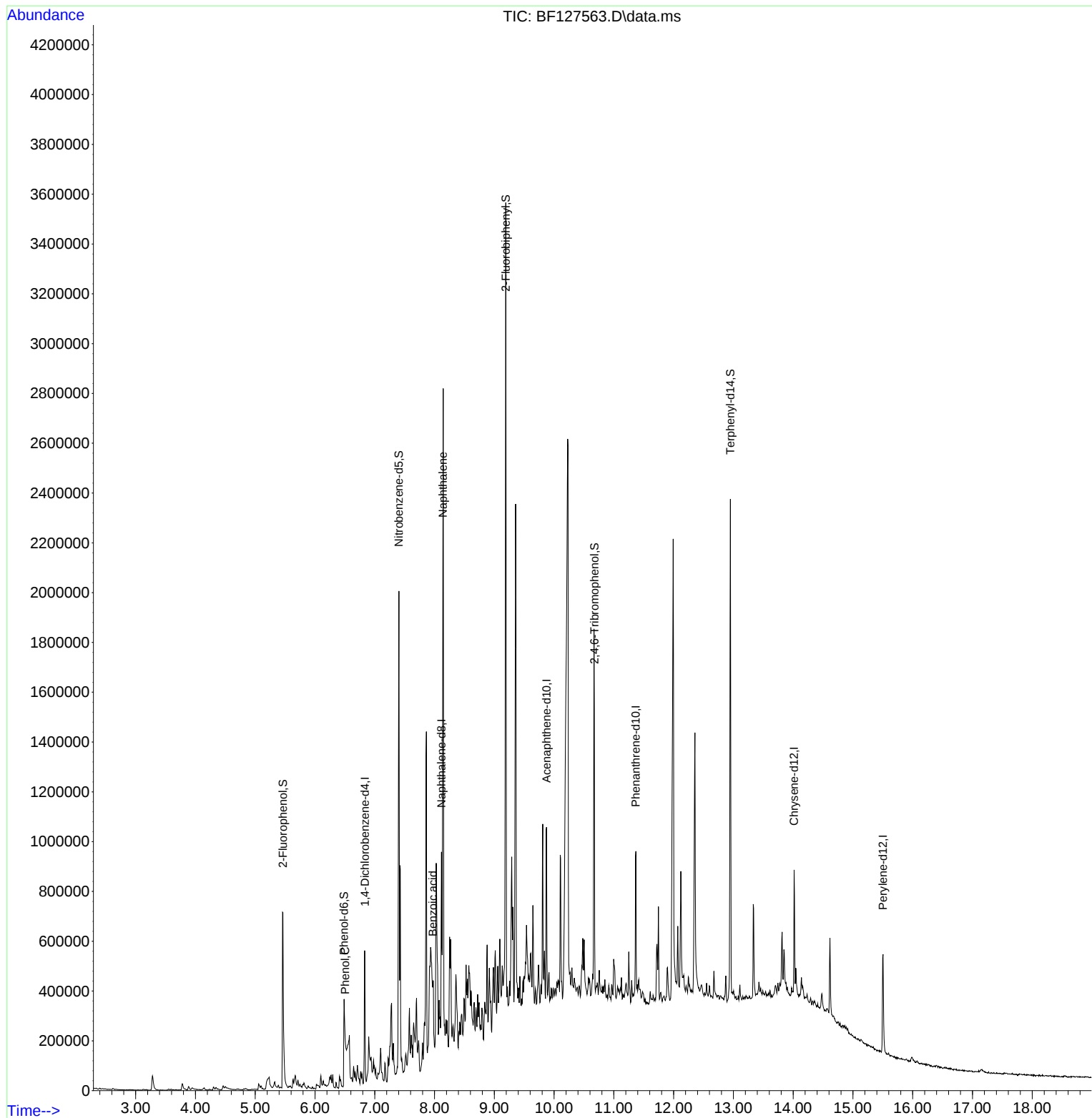
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81758	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	301766	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	149461	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	216532	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177590	20.000	ng	0.00
86) Perylene-d12	15.504	264	195421	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	230811	45.063	ng	0.00
7) Phenol-d6	6.487	99	181638	25.943	ng	0.00
23) Nitrobenzene-d5	7.404	82	643420	91.142	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	178517	112.124	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	993641	97.079	ng	0.00
79) Terphenyl-d14	12.951	244	693053	63.885	ng	0.00
Target Compounds						
10) Phenol	6.504	94	18311	2.402	ng	Qvalue 82
31) Naphthalene	8.139	128	41460	2.588	ng	# 95
32) Benzoic acid	7.975	122	137058	55.121	ng	94

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

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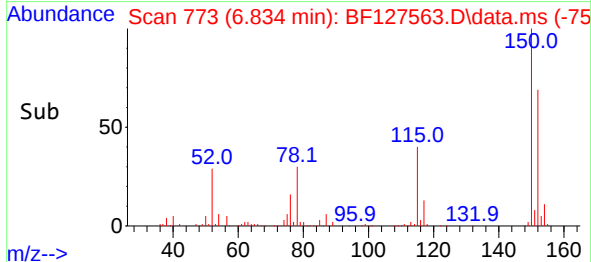
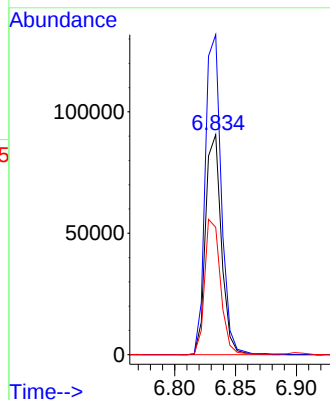
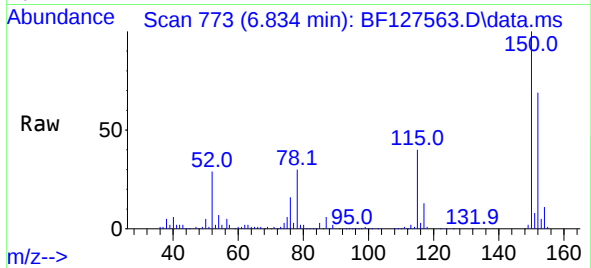




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

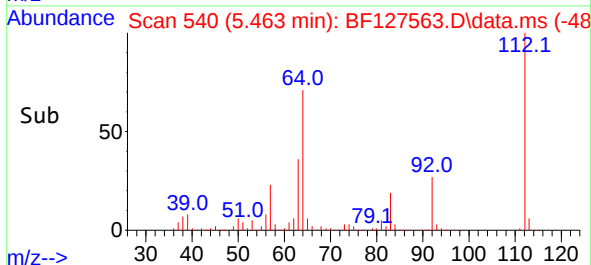
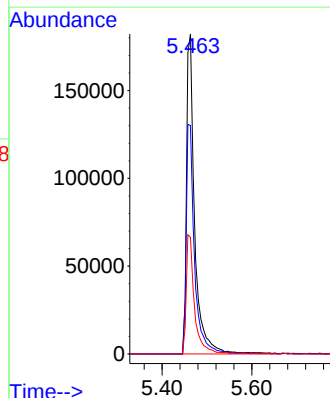
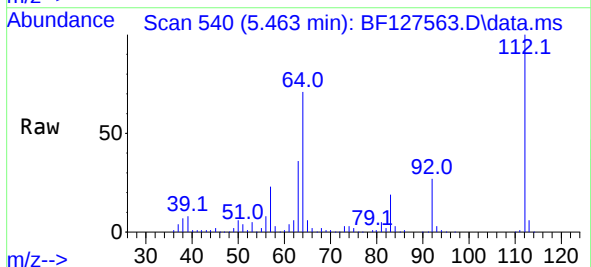
Instrument :
BNA_F
ClientSampleId :
MW-5

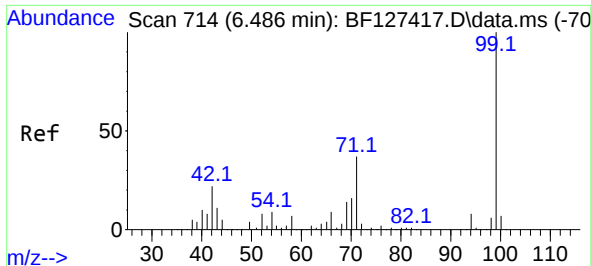
Tgt Ion:152 Resp: 81758
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 57.9 49.8 74.6



#5
2-Fluorophenol
Concen: 45.063 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:112 Resp: 230811
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 36.5 30.1 45.1

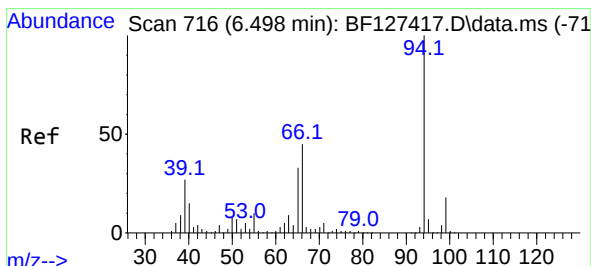
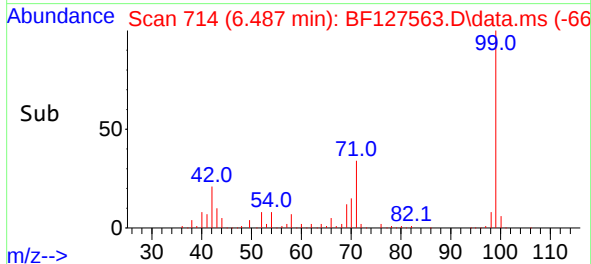
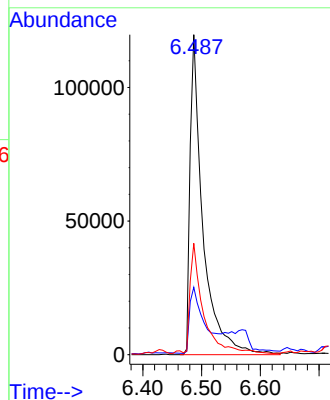
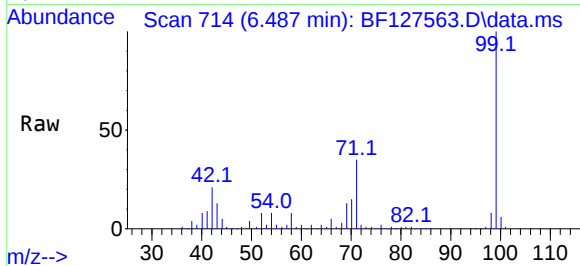




#7
Phenol-d6
Concen: 25.943 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

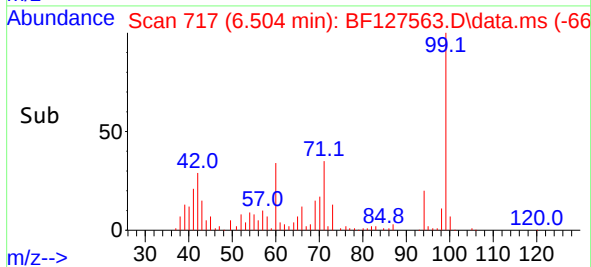
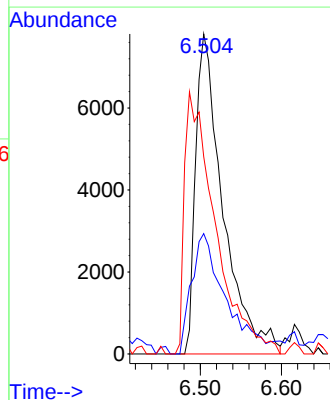
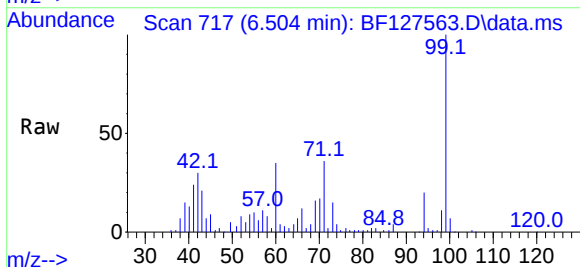
Instrument :
BNA_F
ClientSampleId :
MW-5

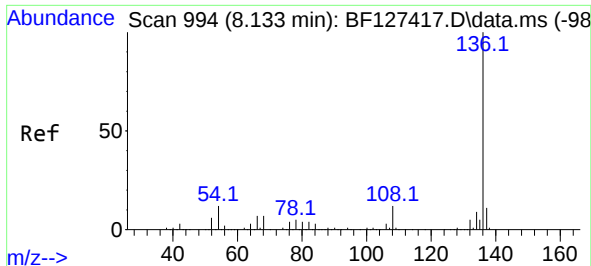
Tgt Ion: 99 Resp: 181638
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 34.8 29.6 44.4



#10
Phenol
Concen: 2.402 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.012 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion: 94 Resp: 18311
Ion Ratio Lower Upper
94 100
65 37.6 13.1 53.1
66 61.7 24.9 64.9

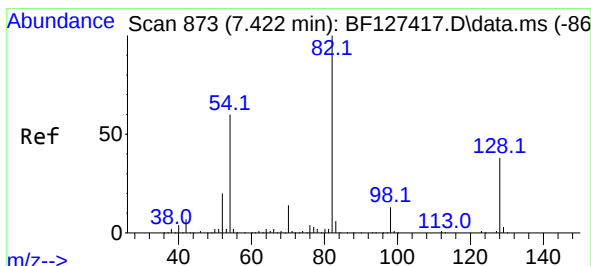
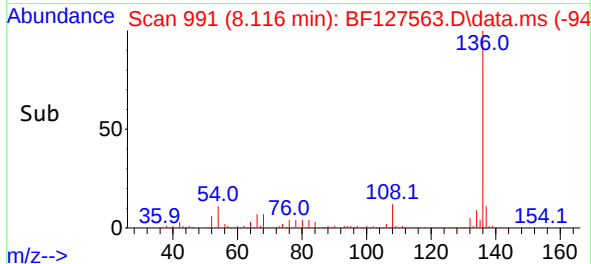
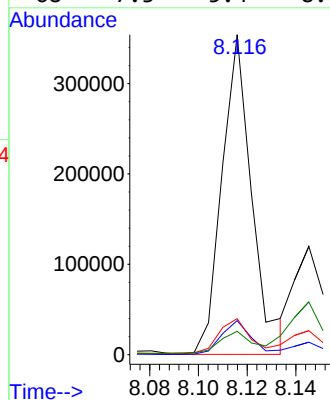
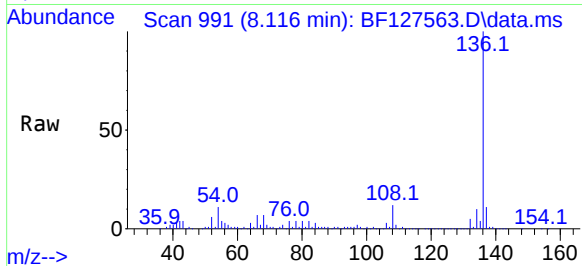




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

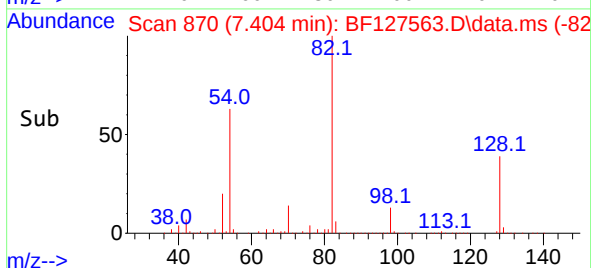
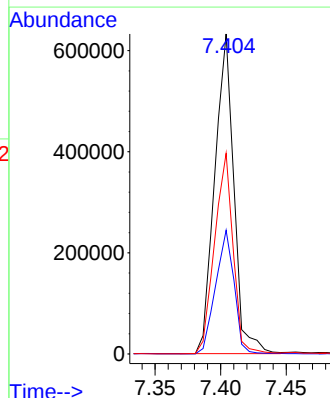
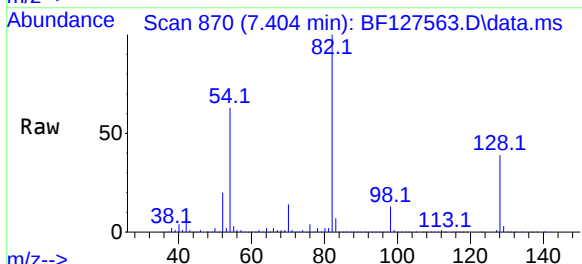
Instrument :
BNA_F
ClientSampleId :
MW-5

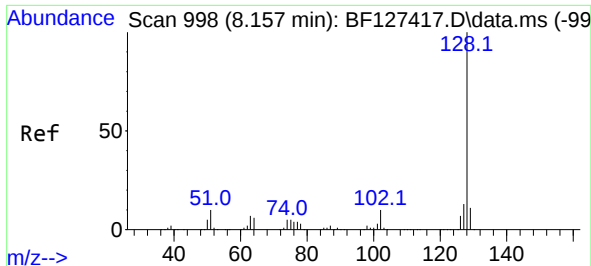
Tgt Ion:136 Resp: 301766
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.3 9.2 13.8
68 7.3 5.4 8.0



#23
Nitrobenzene-d5
Concen: 91.142 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion: 82 Resp: 643420
Ion Ratio Lower Upper
82 100
128 38.6 30.6 45.8
54 62.7 48.2 72.2





#31

Naphthalene

Concen: 2.588 ng

RT: 8.139 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

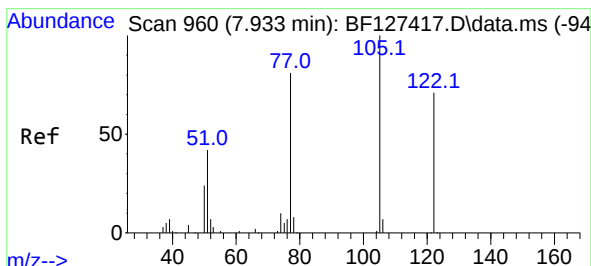
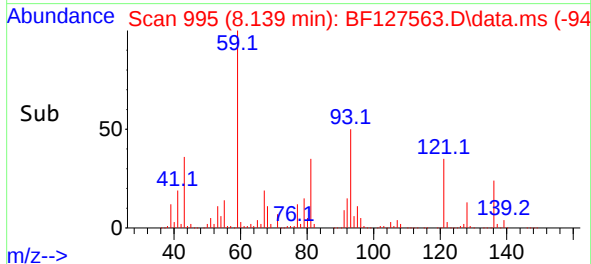
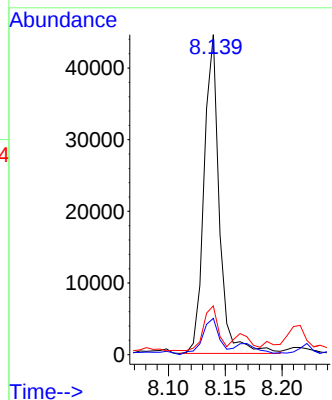
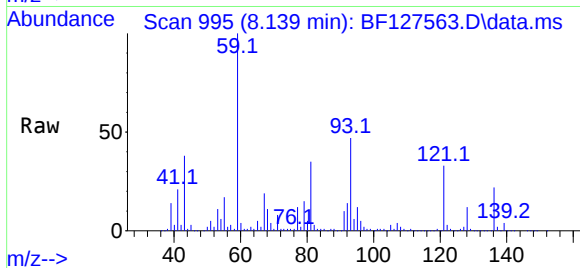
Tgt Ion:128 Resp: 41460

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

127 15.2 10.2 15.2#



#32

Benzoic acid

Concen: 55.121 ng

RT: 7.975 min Scan# 967

Delta R.T. 0.047 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

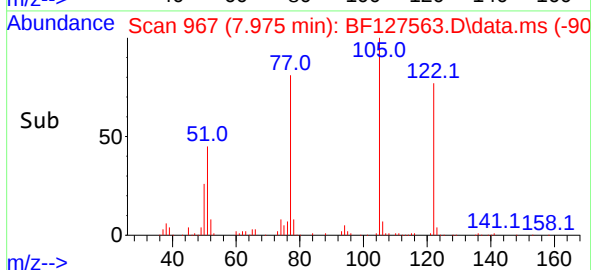
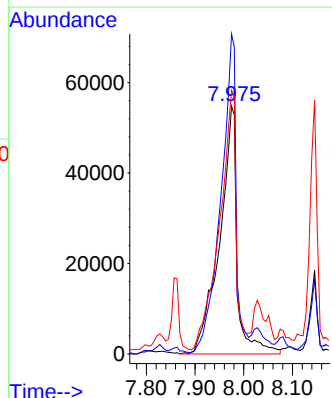
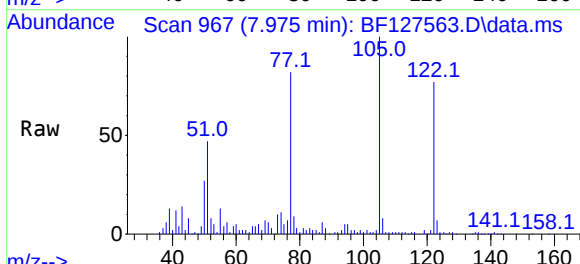
Tgt Ion:122 Resp: 137058

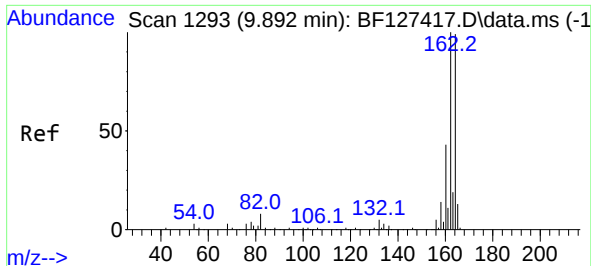
Ion Ratio Lower Upper

122 100

105 129.1 117.1 157.1

77 106.5 93.0 133.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

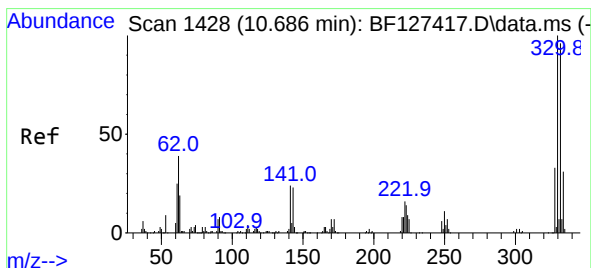
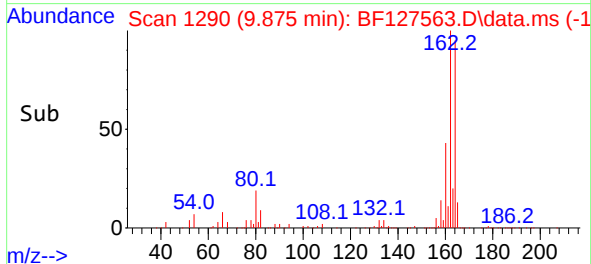
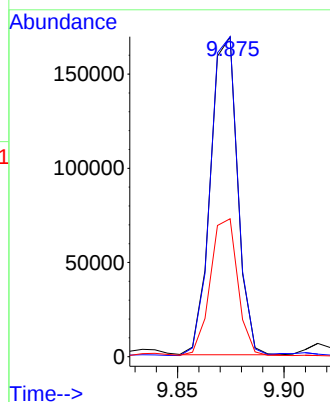
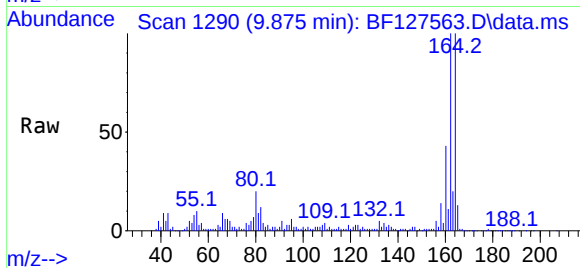
Tgt Ion:164 Resp: 149461

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 43.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 112.124 ng

RT: 10.675 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

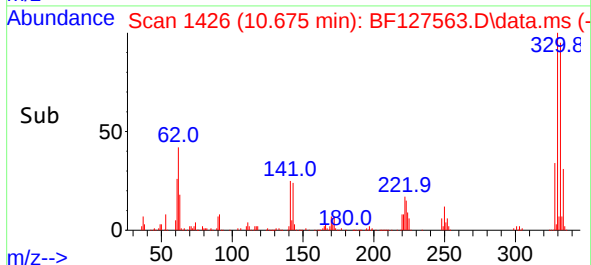
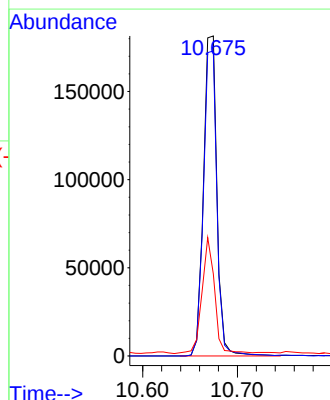
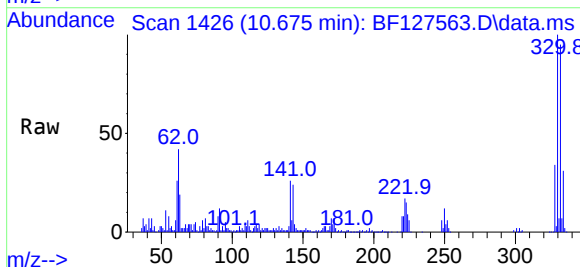
Tgt Ion:330 Resp: 178517

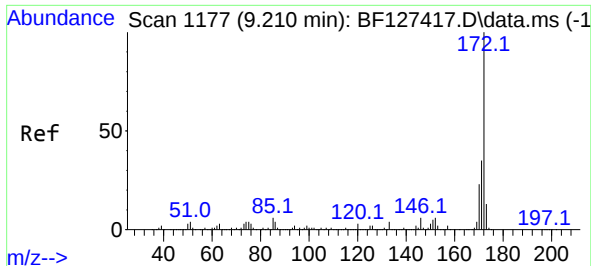
Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 34.1 26.2 39.4

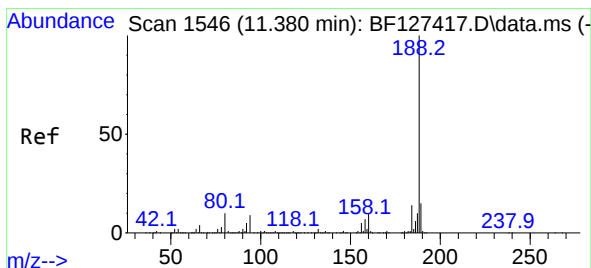
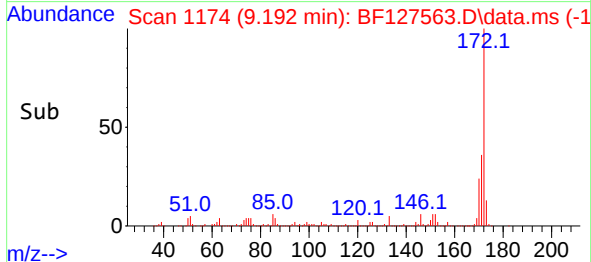
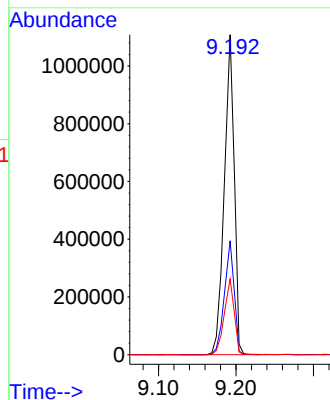
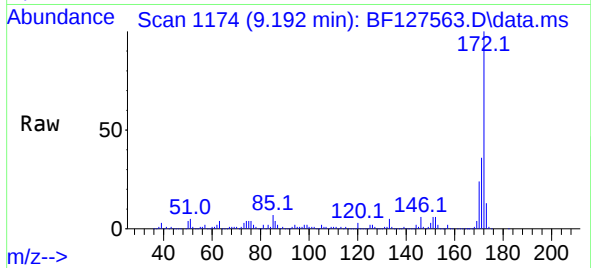




#45
2-Fluorobiphenyl
Concen: 97.079 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

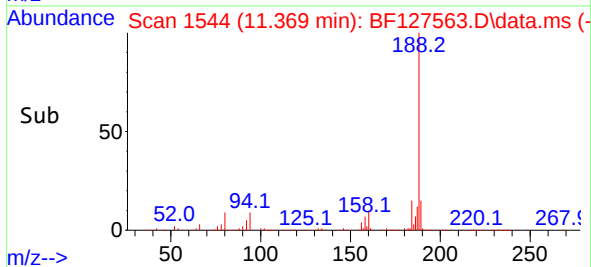
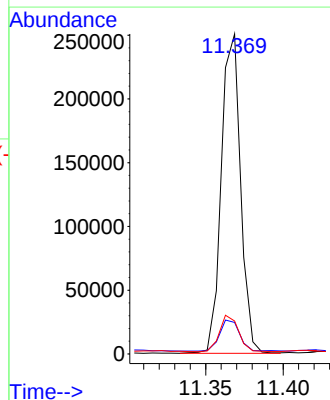
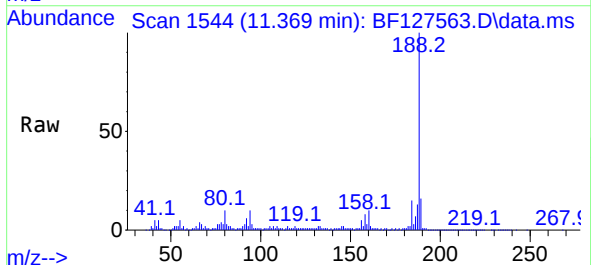
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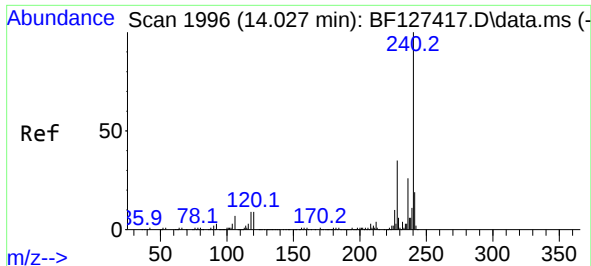
Tgt Ion:172 Resp: 993641
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:188 Resp: 216532
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.3 8.0 12.0

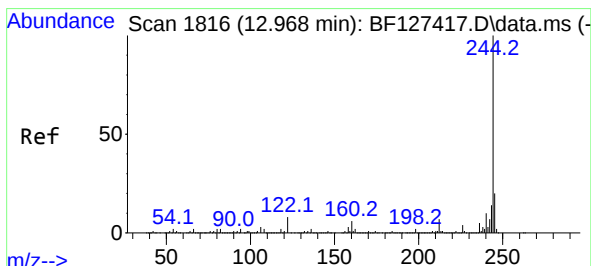
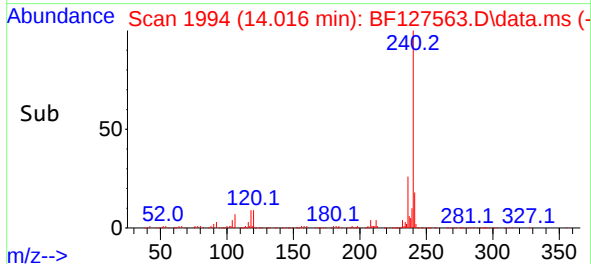
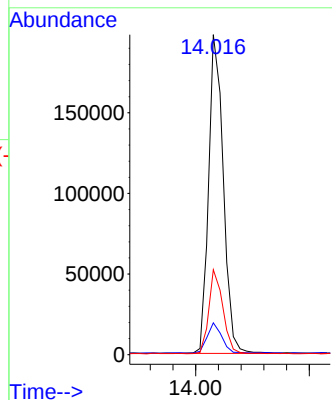
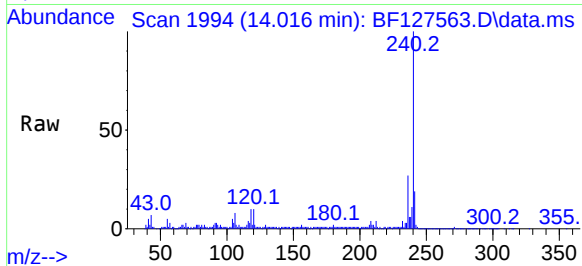




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

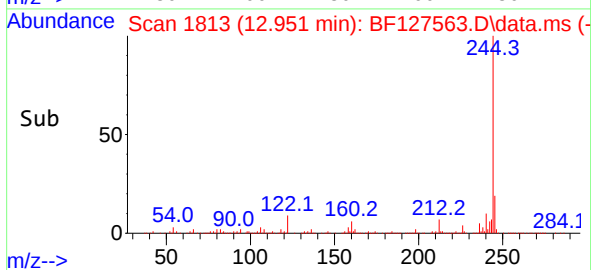
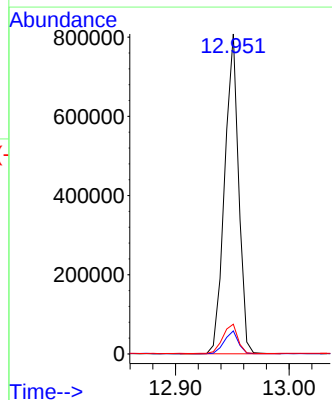
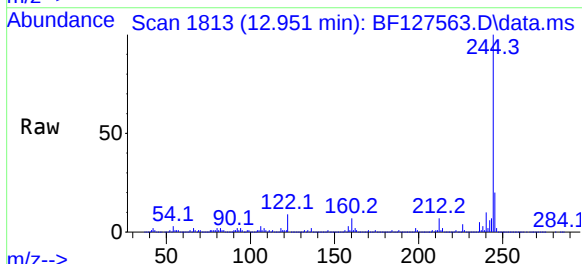
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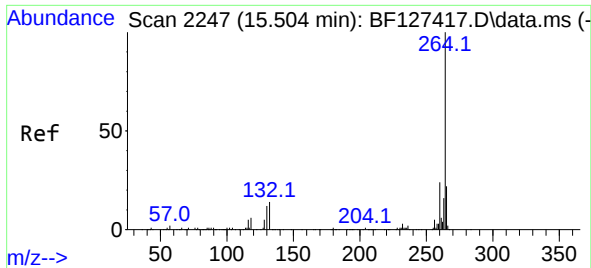
Tgt Ion:240 Resp: 177590
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.6 20.7 31.1



#79
Terphenyl-d14
Concen: 63.885 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:244 Resp: 693053
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.3 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127563.D
 Acq: 29 Mar 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:264 Resp: 195421
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.9 17.4 26.2

