

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127599.D
 Acq On : 31 Mar 2022 12:42
 Operator : CG\JU
 Sample : N2176-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Quant Time: Apr 01 05:33:22 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)

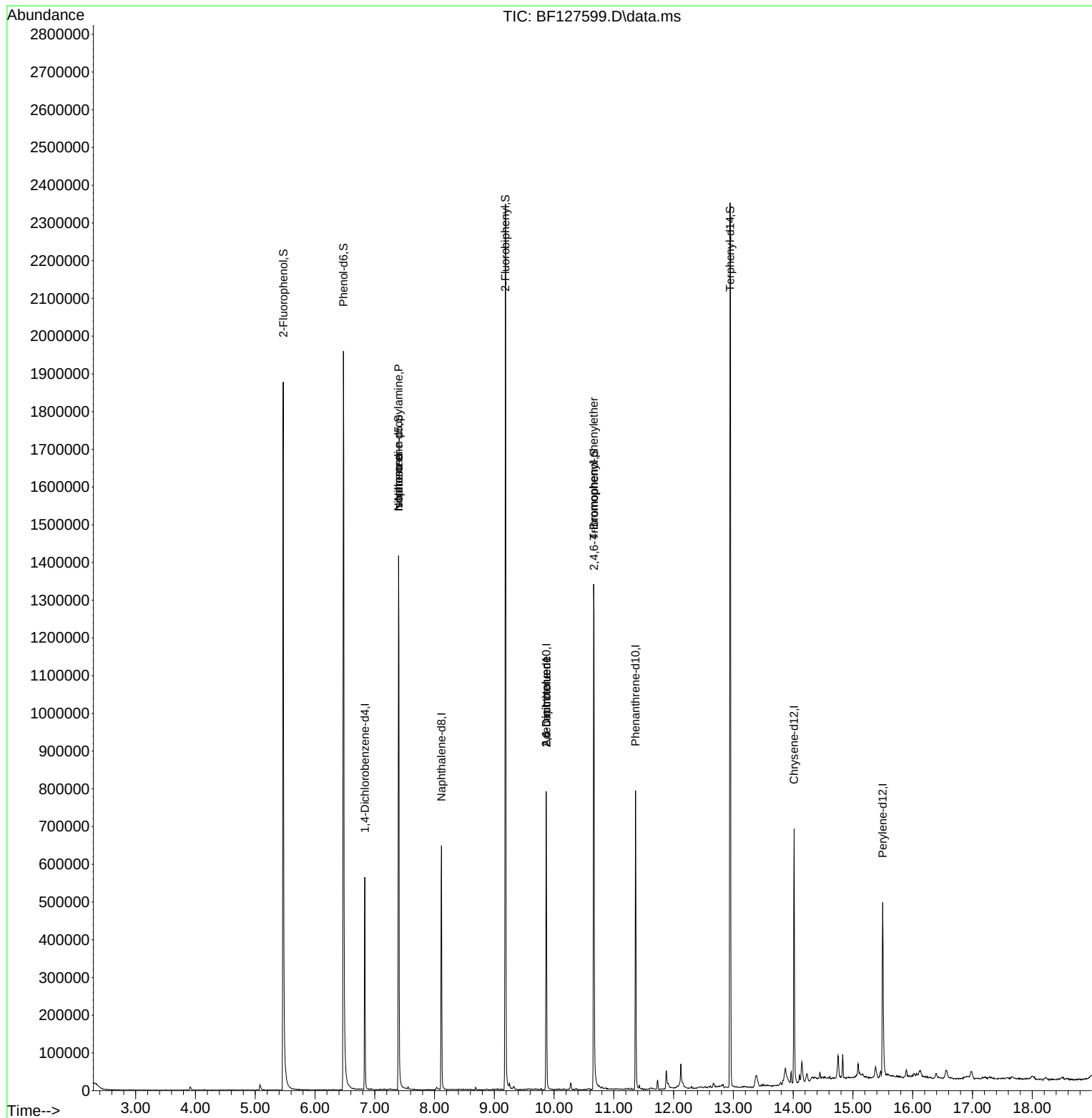
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	75146	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275804	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154181	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	275470	20.000	ng	0.00
76) Chrysene-d12	14.015	240	241926	20.000	ng	0.00
86) Perylene-d12	15.498	264	225304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	516412	109.694	ng	0.01
7) Phenol-d6	6.475	99	682471	106.054	ng	0.00
23) Nitrobenzene-d5	7.398	82	461689	71.555	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	168794	102.771	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	764119	72.369	ng	0.00
79) Terphenyl-d14	12.945	244	862175	58.340	ng	0.00
Target Compounds						
9) Benzaldehyde	6.475	77	1138	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	62067	16.091	ng	# 79
25) Isophorone	7.398	82	461684	44.926	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	19464	8.645	ng	# 17
55) Dibenzofuran	10.086	168	572	Below Cal	#	83
57) 2,4-Dinitrotoluene	9.869	165	19464	6.716	ng	# 13
58) Fluorene	10.427	166	261	Below Cal	#	9
67) 4-Bromophenyl-phenylether	10.663	248	11302	3.514	ng	# 1

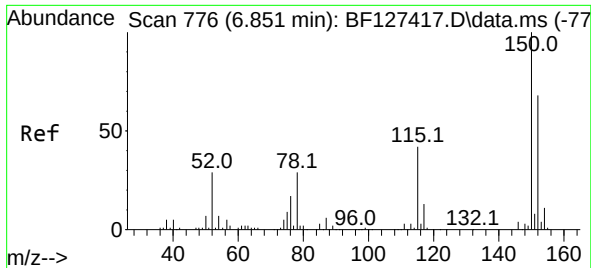
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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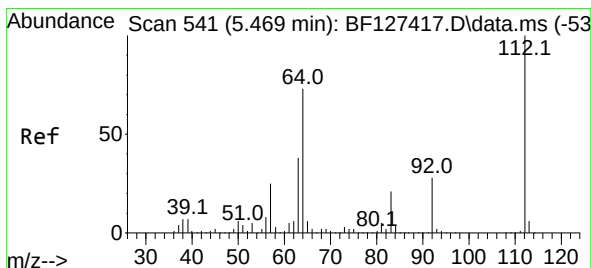
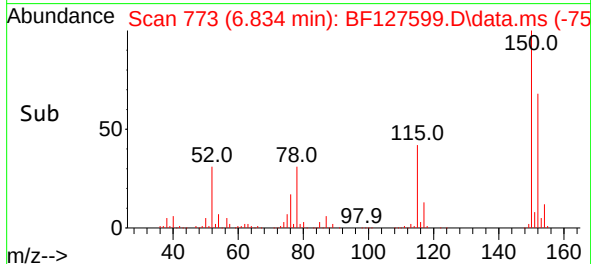
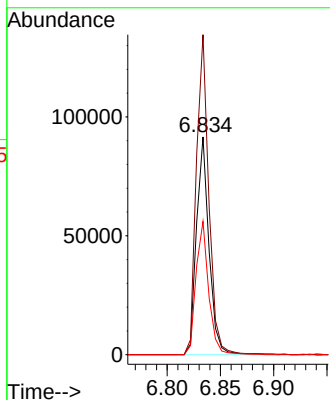
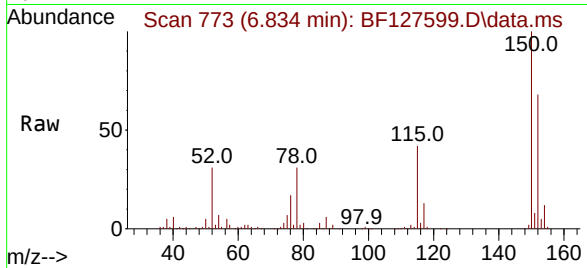




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

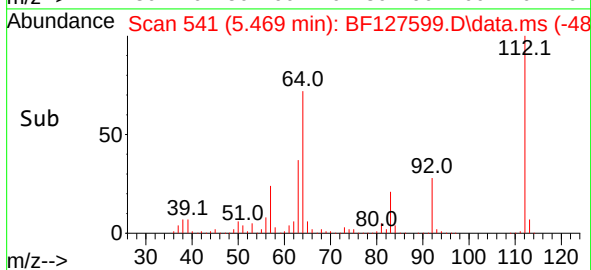
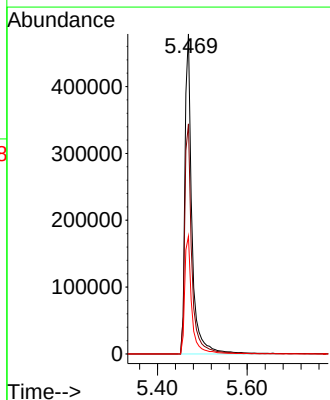
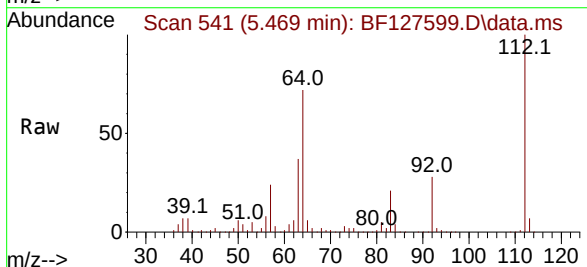
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

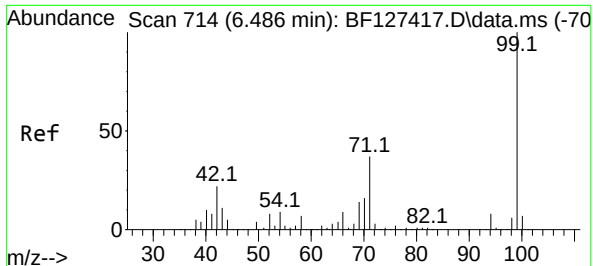
Tgt Ion:152 Resp: 75146
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 61.2 49.8 74.6



#5
2-Fluorophenol
Concen: 109.694 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:112 Resp: 516412
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 36.8 30.1 45.1





#7

Phenol-d6

Concen: 106.054 ng

RT: 6.475 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1

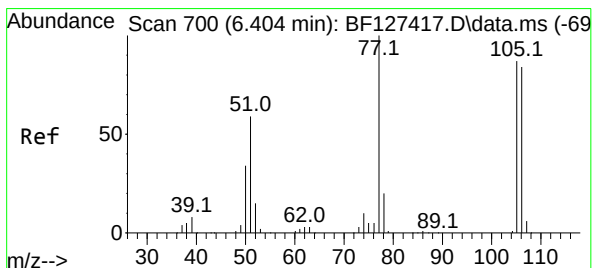
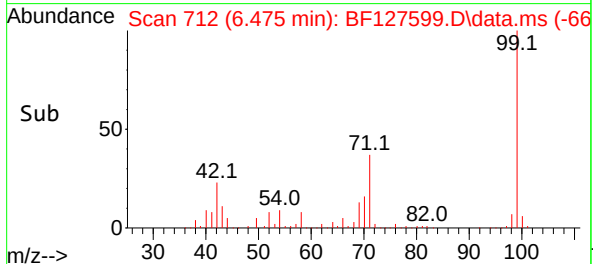
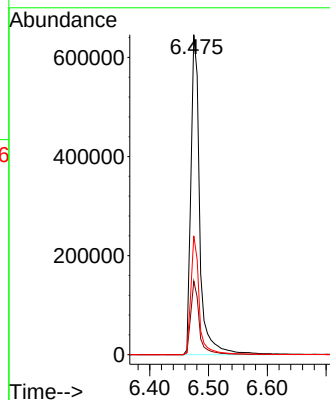
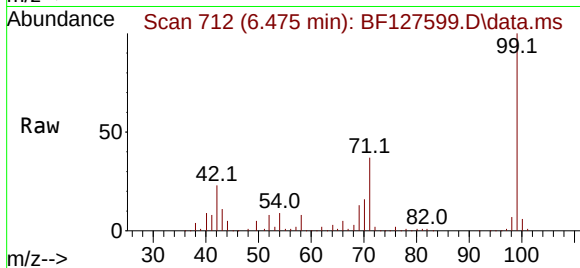
Tgt Ion: 99 Resp: 682471

Ion Ratio Lower Upper

99 100

42 23.0 17.8 26.6

71 37.2 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 712

Delta R.T. 0.082 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

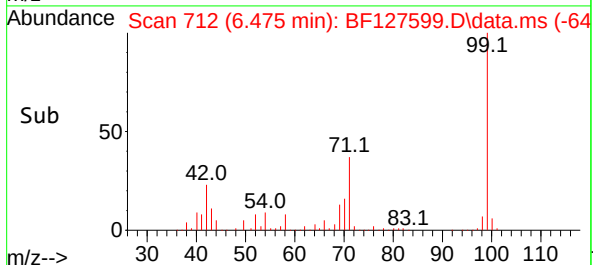
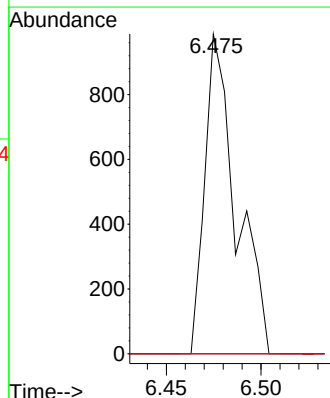
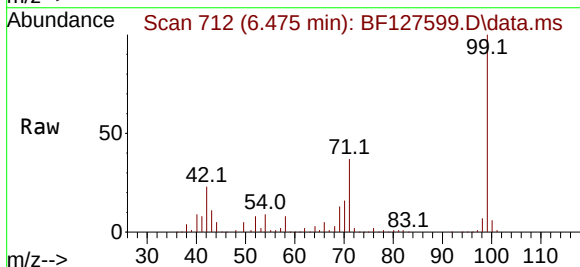
Tgt Ion: 77 Resp: 1138

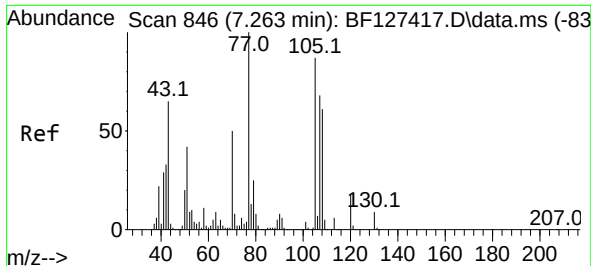
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 16.091 ng

RT: 7.398 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF127599.D

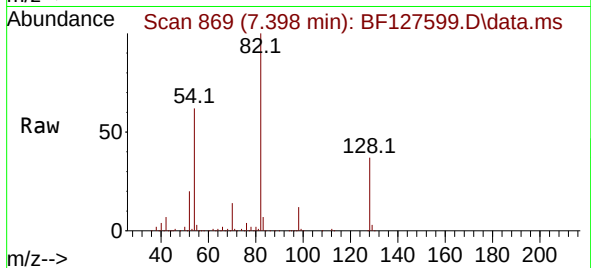
Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1



Tgt Ion: 70 Resp: 62067

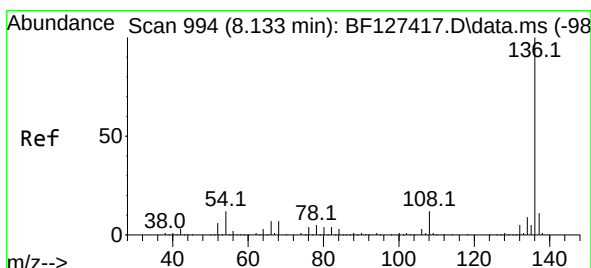
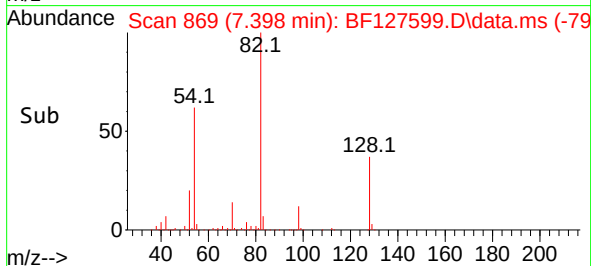
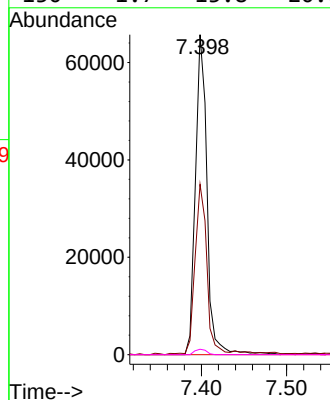
Ion Ratio Lower Upper

70 100

42 53.2 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Tgt Ion: 136 Resp: 275804

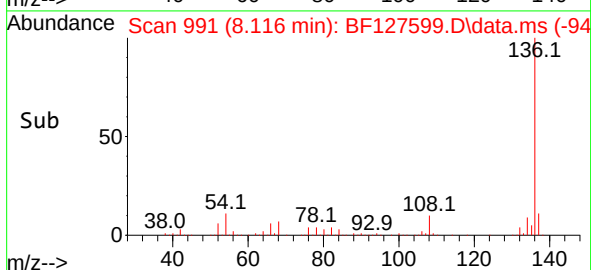
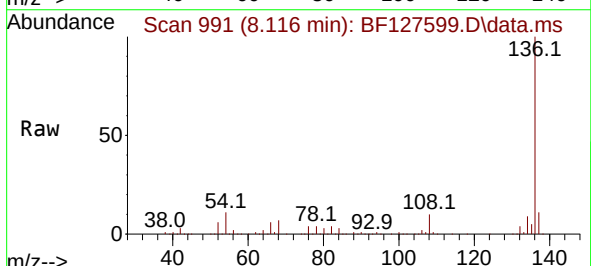
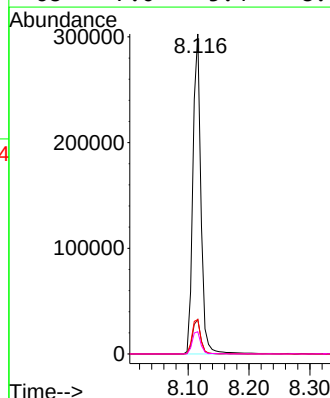
Ion Ratio Lower Upper

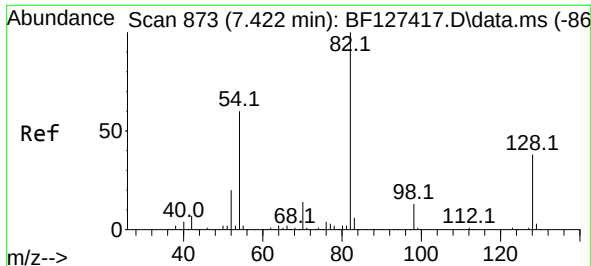
136 100

137 10.8 8.6 13.0

54 10.8 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 71.555 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1

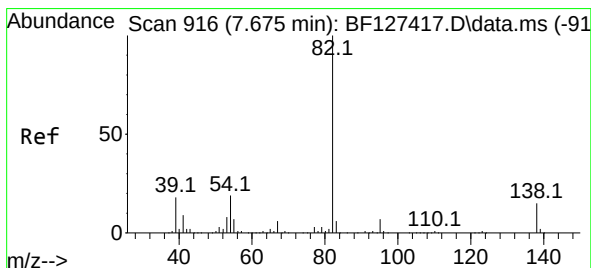
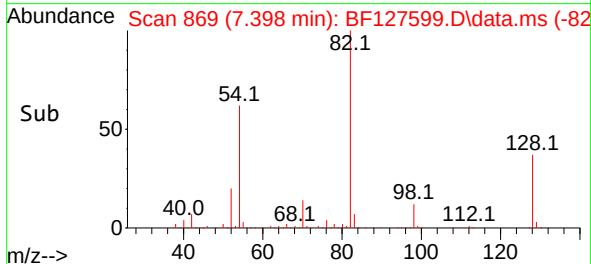
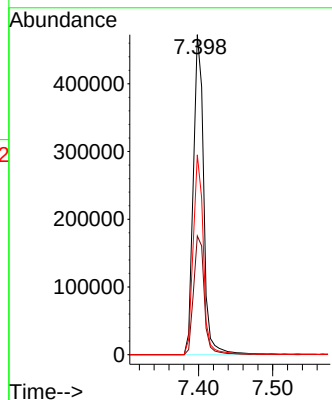
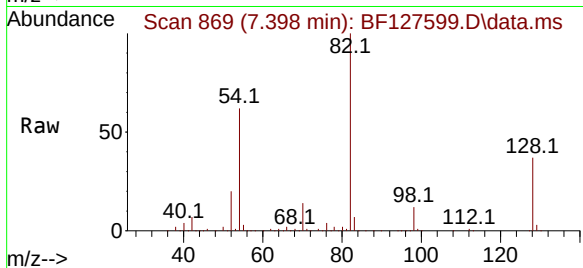
Tgt Ion: 82 Resp: 461689

Ion Ratio Lower Upper

82 100

128 37.1 30.6 45.8

54 62.4 48.2 72.2



#25

Isophorone

Concen: 44.926 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.265 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

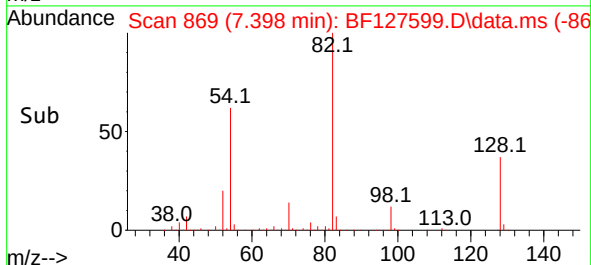
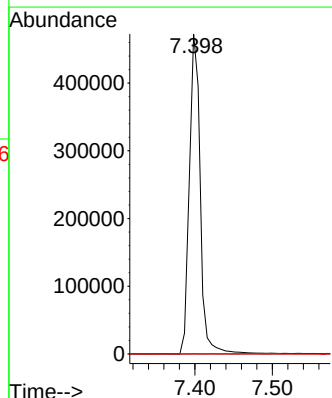
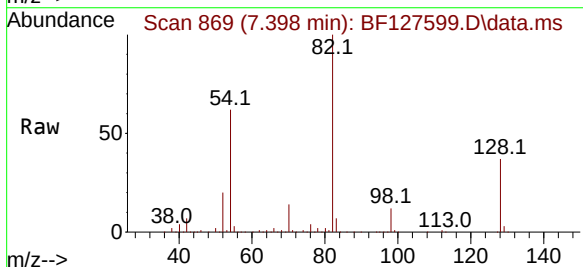
Tgt Ion: 82 Resp: 461684

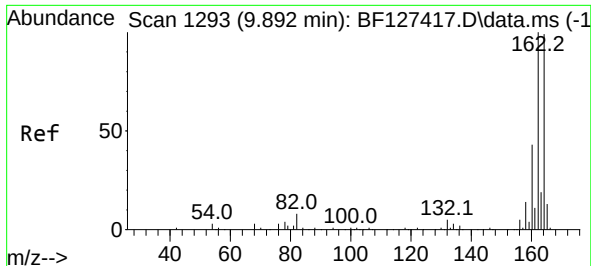
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

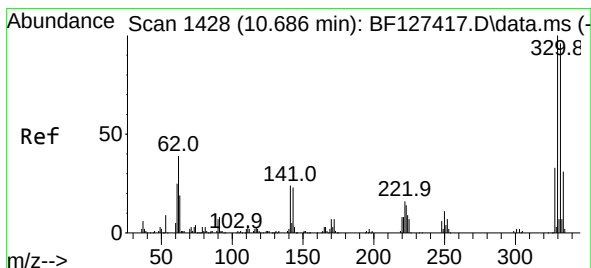
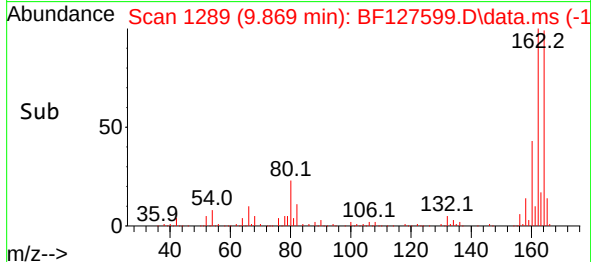
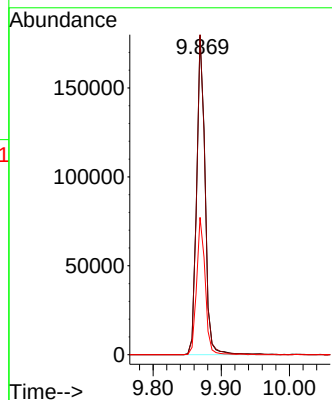
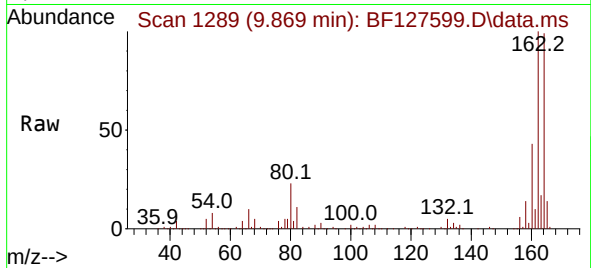




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

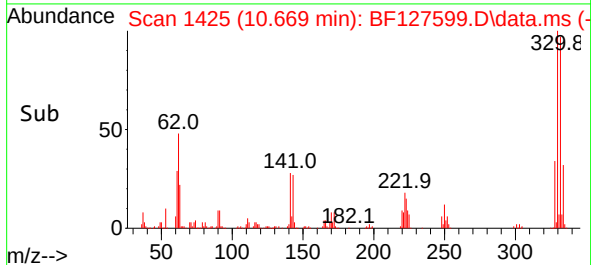
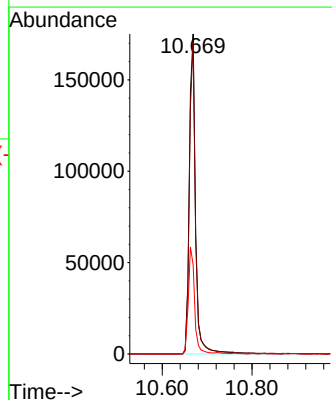
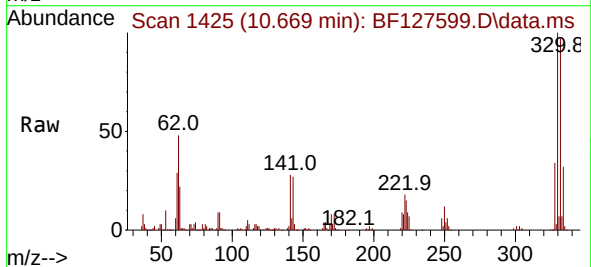
Instrument :
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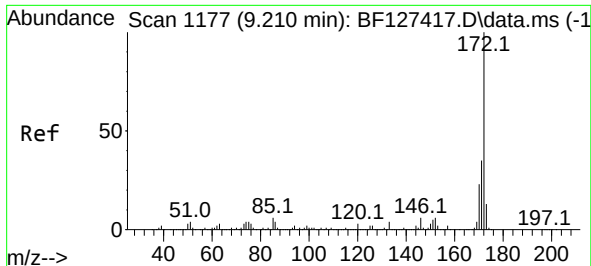
Tgt Ion:164 Resp: 154181
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 43.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 102.771 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:330 Resp: 168794
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 33.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 72.369 ng

RT: 9.186 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1

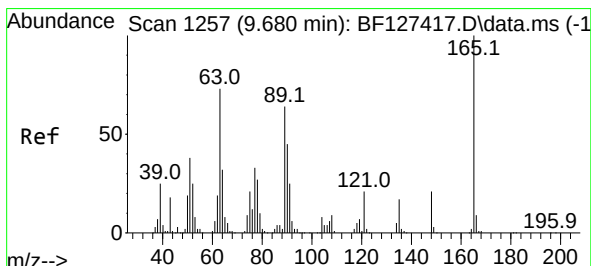
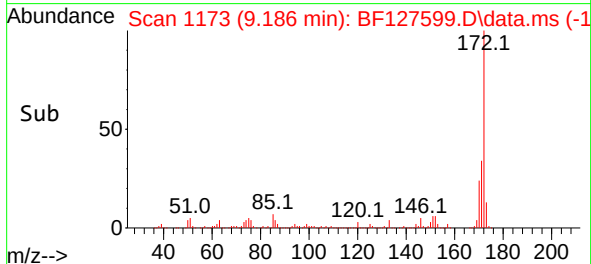
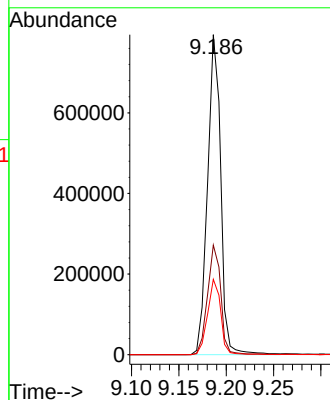
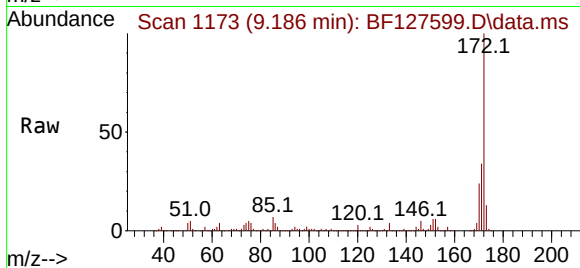
Tgt Ion:172 Resp: 764119

Ion Ratio Lower Upper

172 100

171 34.3 28.4 42.6

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.645 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

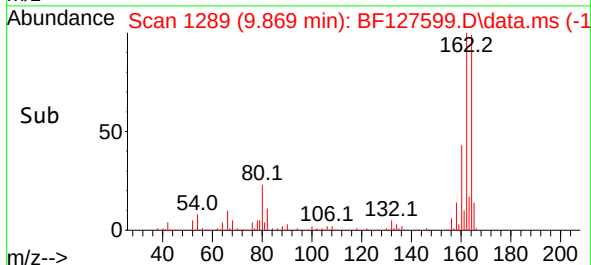
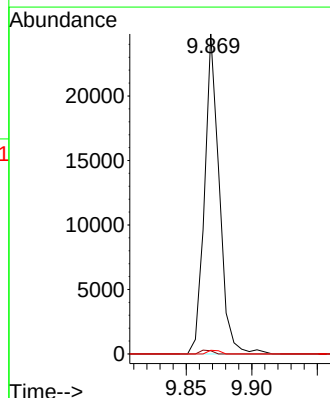
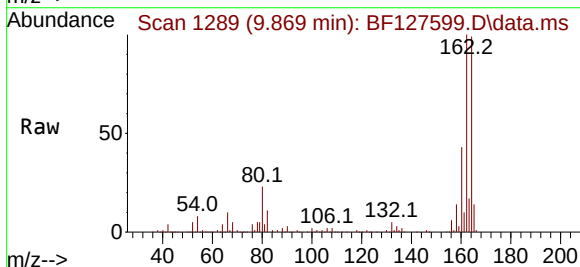
Tgt Ion:165 Resp: 19464

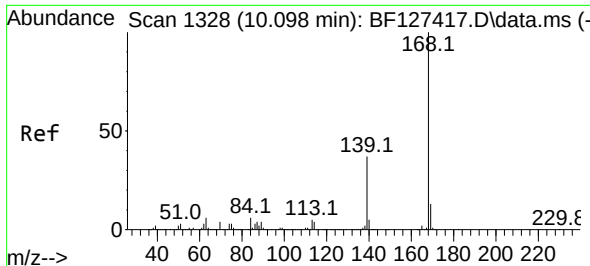
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.1 51.5 77.3#

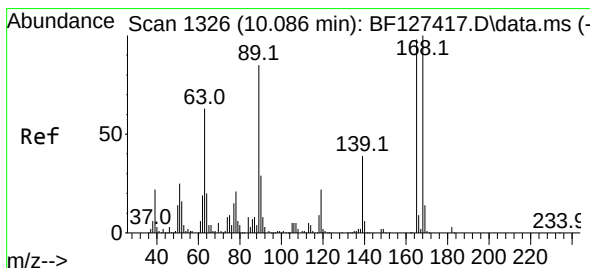
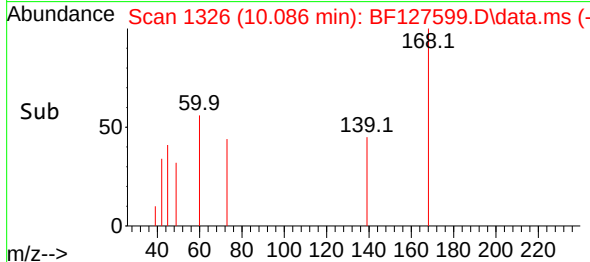
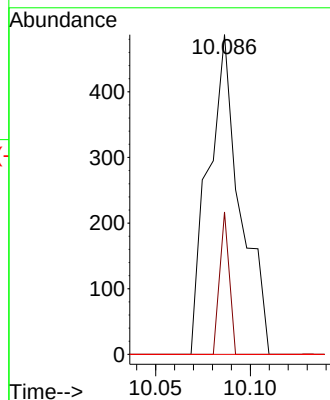
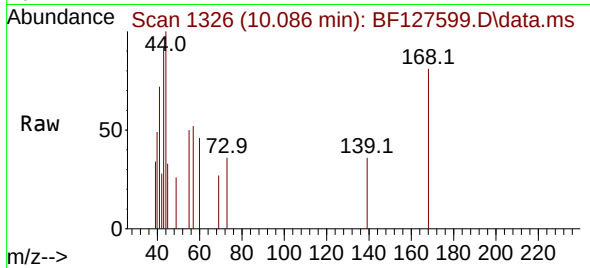




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

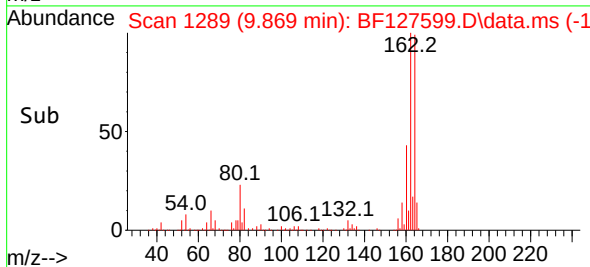
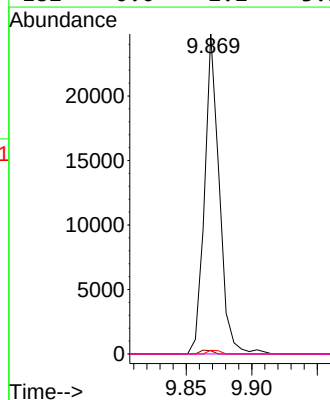
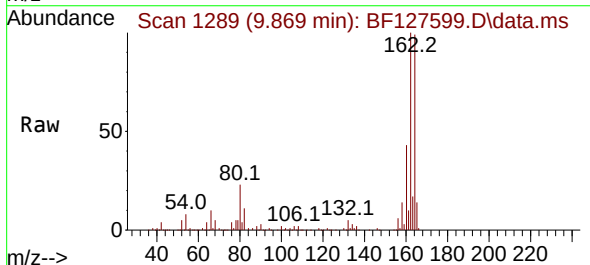
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

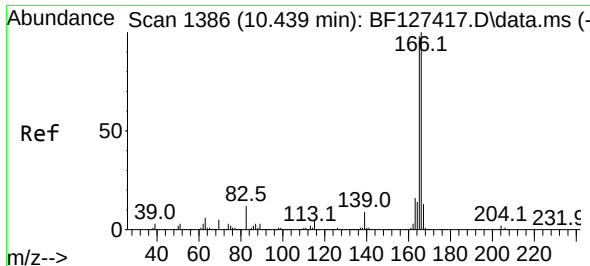
Tgt Ion:168 Resp: 572
Ion Ratio Lower Upper
168 100
139 44.6 30.3 45.5
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:165 Resp: 19464
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#

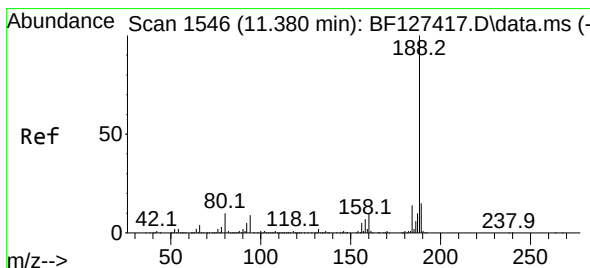
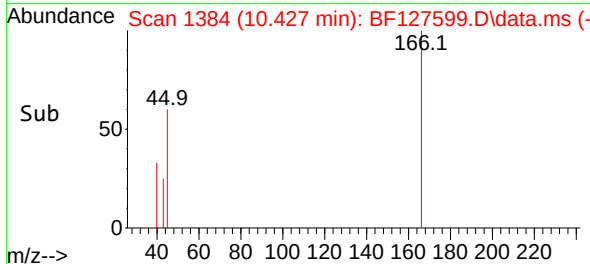
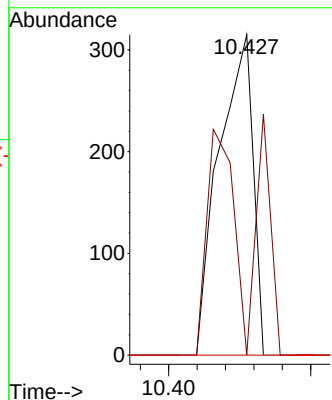
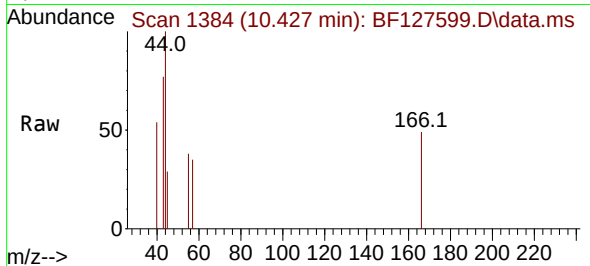




#58
Fluorene
Concen: Below Cal
RT: 10.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

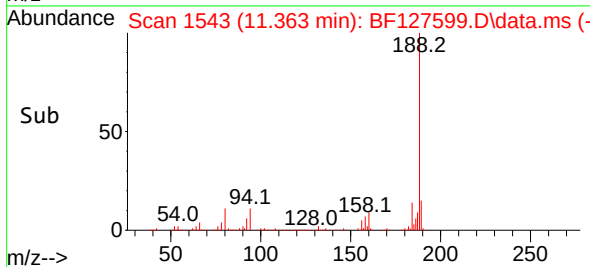
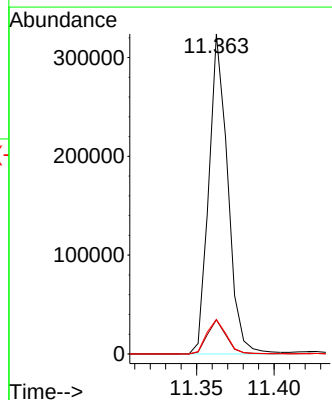
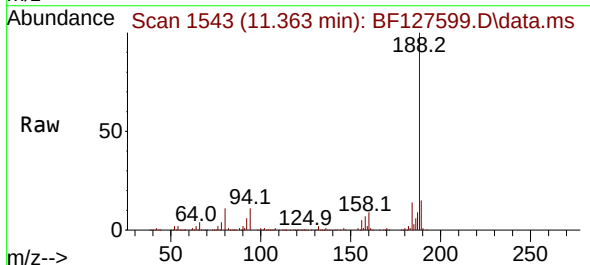
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

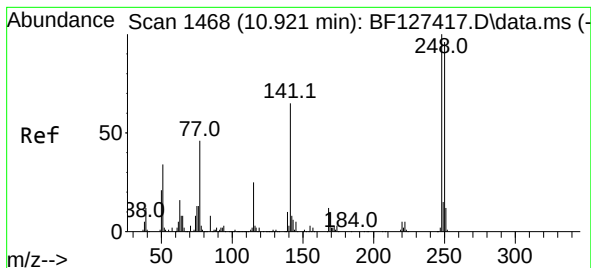
Tgt Ion:166 Resp: 261
Ion Ratio Lower Upper
166 100
165 0.0 78.1 117.1#
167 0.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:188 Resp: 275470
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.0
80 10.8 8.0 12.0

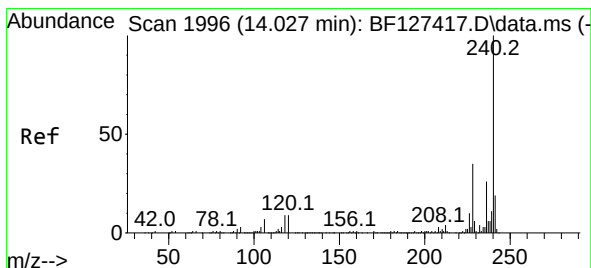
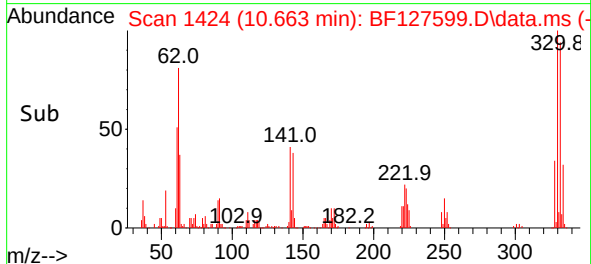
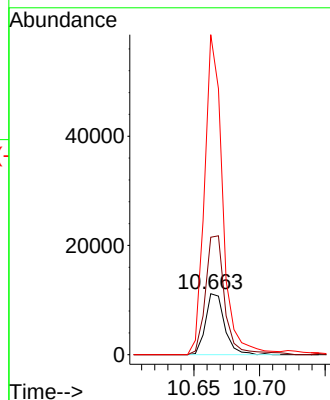
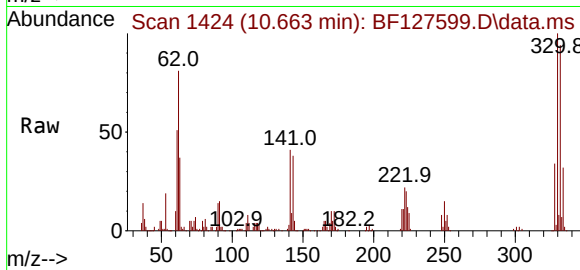




#67
4-Bromophenyl-phenylether
Concen: 3.514 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

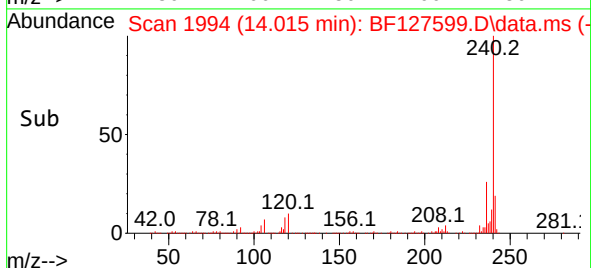
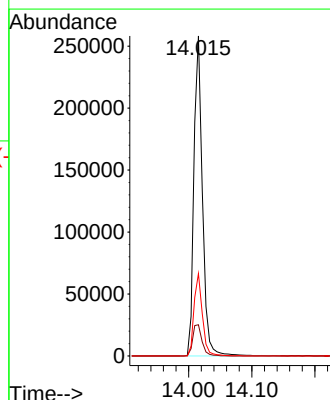
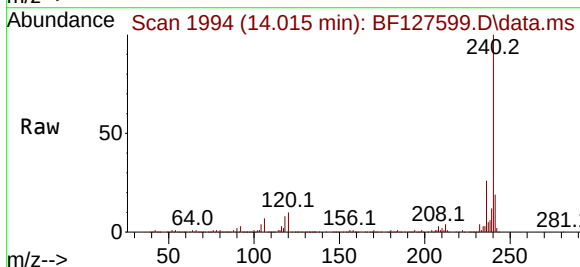
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

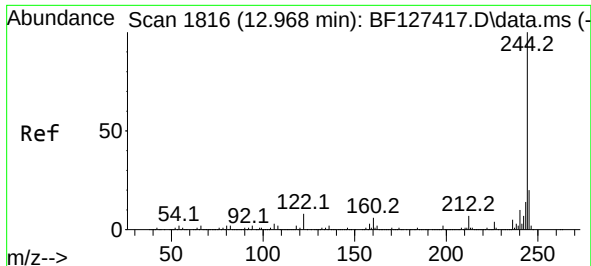
Tgt Ion:248 Resp: 11302
Ion Ratio Lower Upper
248 100
250 192.3 76.6 115.0#
141 524.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:240 Resp: 241926
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.8 20.7 31.1

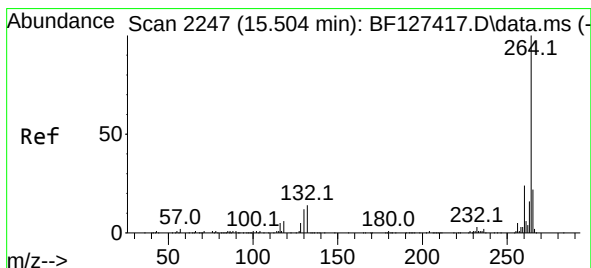
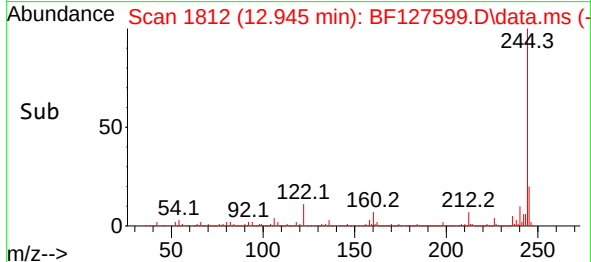
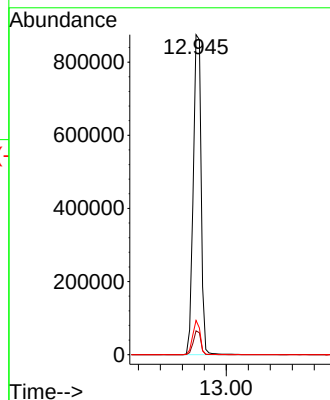
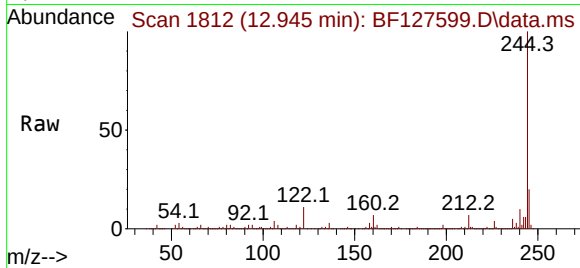




#79
 Terphenyl-d14
 Concen: 58.340 ng
 RT: 12.945 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127599.D
 Acq: 31 Mar 2022 12:42

Instrument :
 BNA_F
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Tgt Ion:244 Resp: 862175
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.7 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127599.D
 Acq: 31 Mar 2022 12:42

Tgt Ion:264 Resp: 225304
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 20.1 17.4 26.2

