

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127770.D
 Acq On : 12 Apr 2022 20:59
 Operator : CG\JU
 Sample : N2333-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Apr 13 07:25:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

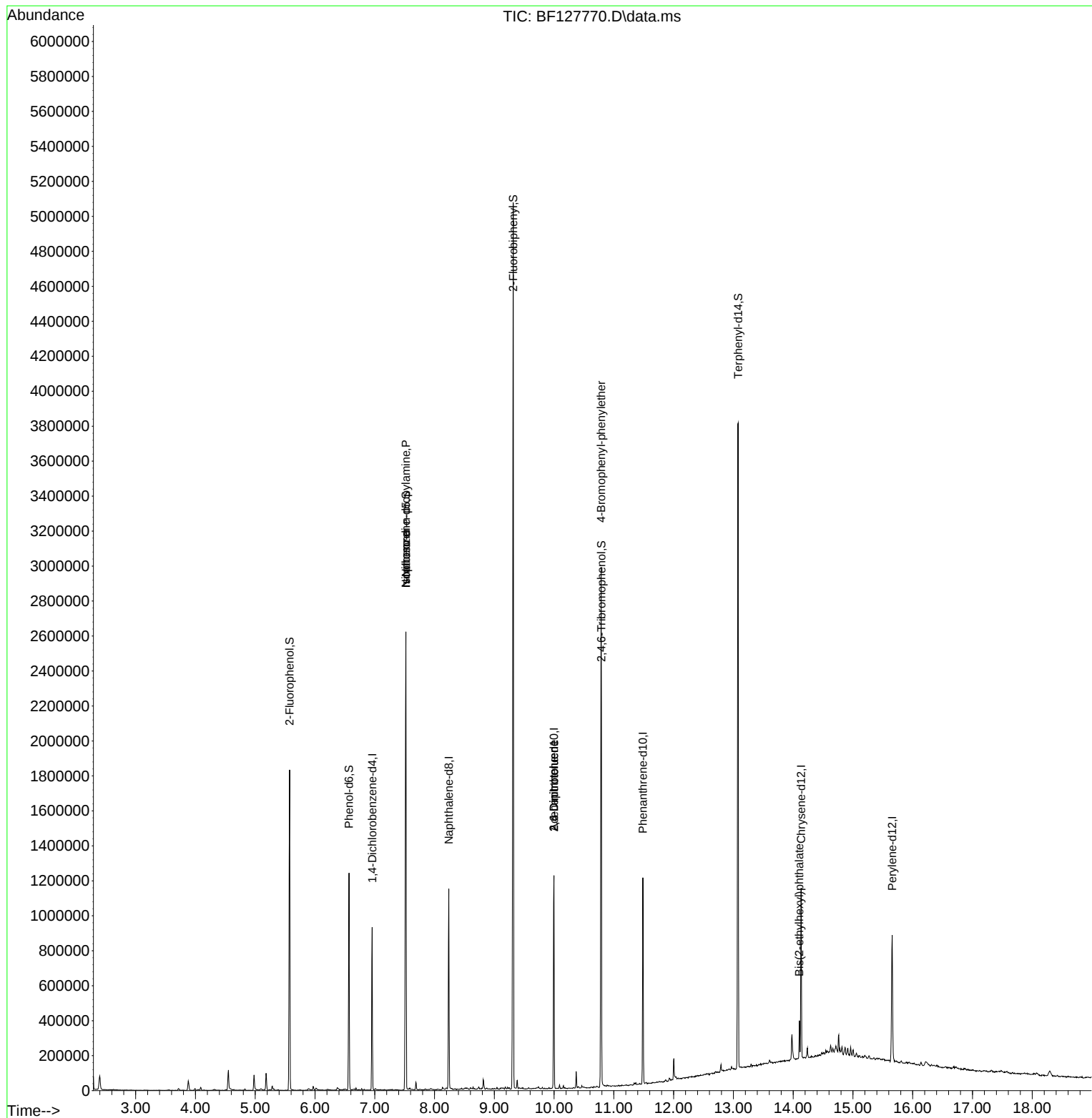
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	128217	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	448682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	238009	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	401549	20.000	ng	0.00
76) Chrysene-d12	14.133	240	326332	20.000	ng	0.00
86) Perylene-d12	15.657	264	355057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	431619	54.699	ng	0.00
7) Phenol-d6	6.569	99	330519	32.018	ng	-0.01
23) Nitrobenzene-d5	7.522	82	879170	87.355	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	357968	141.335	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1514349	90.009	ng	0.00
79) Terphenyl-d14	13.080	244	1423775	72.015	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	369	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.522	70	119156	17.847	ng	# 74
25) Isophorone	7.522	82	879160	50.062	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	31134	9.574	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	31134	7.722	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	22965	4.712	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.104	149	56812	3.928	ng	98

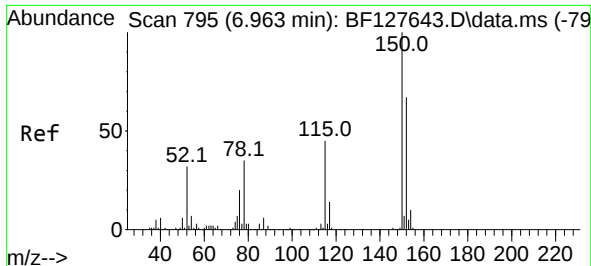
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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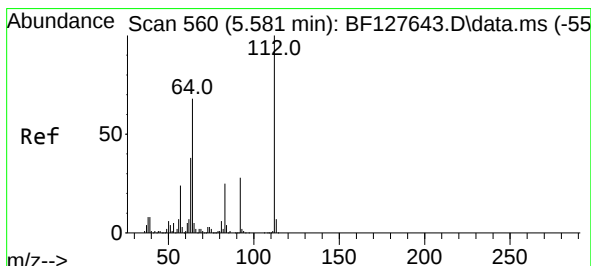
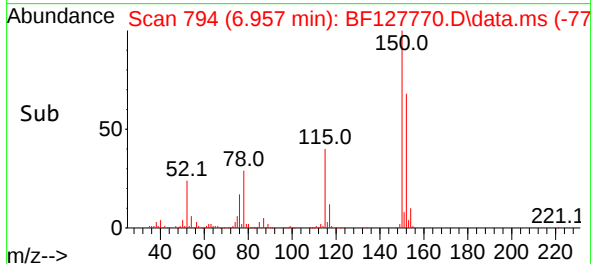
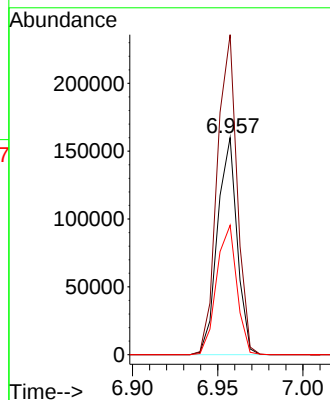
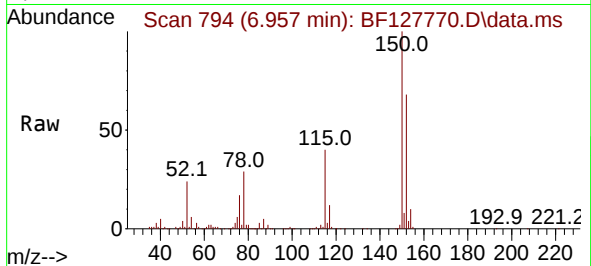




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127770.D
 Acq: 12 Apr 2022 20:59

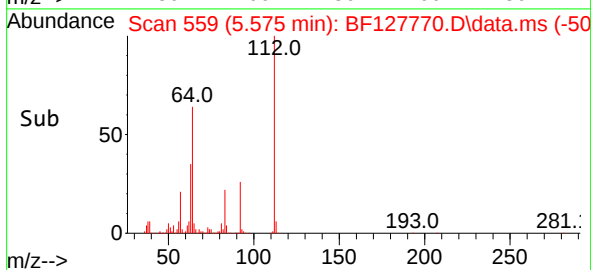
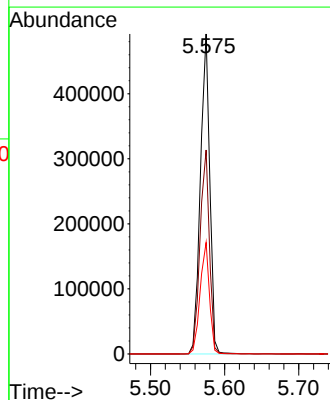
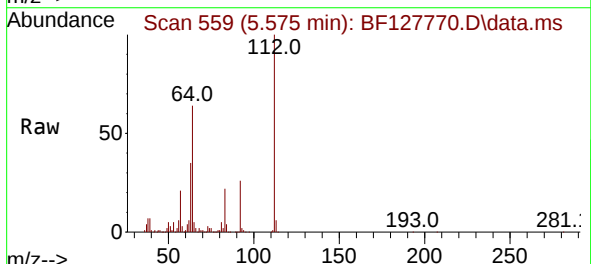
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

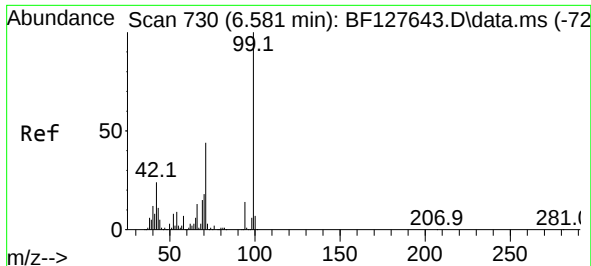
Tgt Ion:152 Resp: 128217
 Ion Ratio Lower Upper
 152 100
 150 147.4 117.2 175.8
 115 59.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 54.699 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127770.D
 Acq: 12 Apr 2022 20:59

Tgt Ion:112 Resp: 431619
 Ion Ratio Lower Upper
 112 100
 64 63.8 58.4 87.6
 63 34.9 30.1 45.1

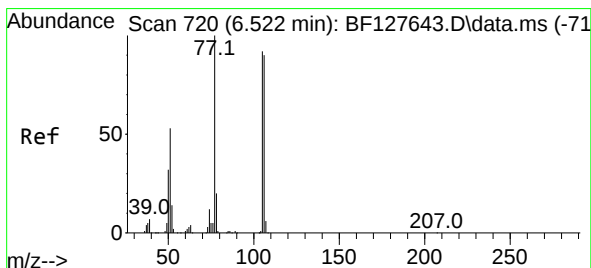
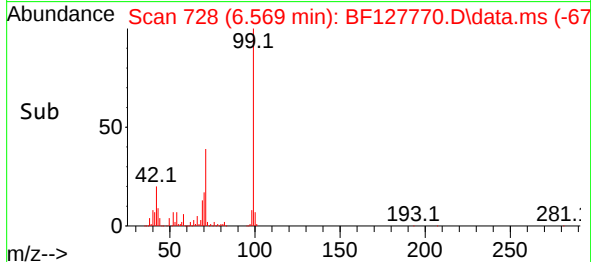
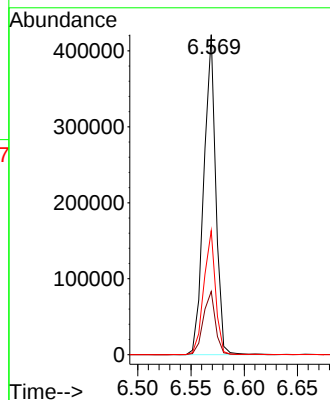
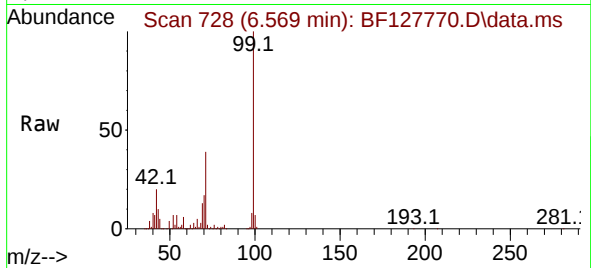




#7
Phenol-d6
Concen: 32.018 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

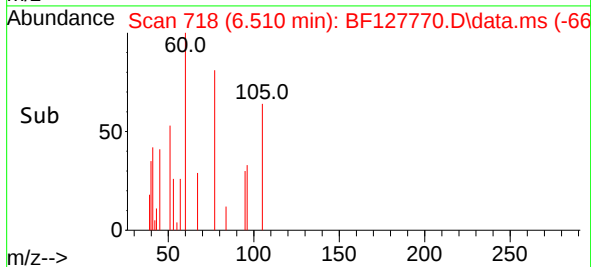
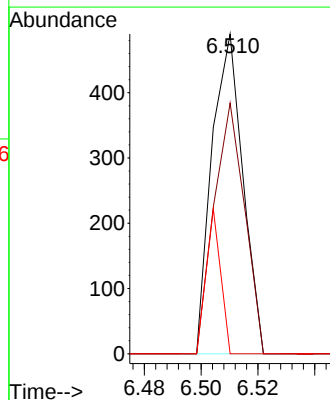
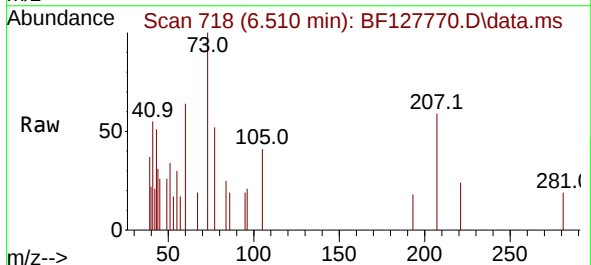
Instrument :
BNA_F
ClientSampleId :
MW-10

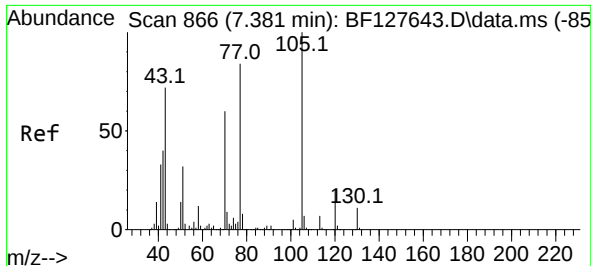
Tgt Ion: 99 Resp: 330519
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.6
71 38.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

Tgt Ion: 77 Resp: 369
Ion Ratio Lower Upper
77 100
105 78.4 66.8 106.8
106 0.0 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 17.847 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.153 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion: 70 Resp: 119156

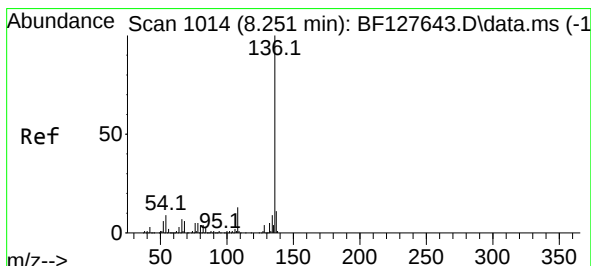
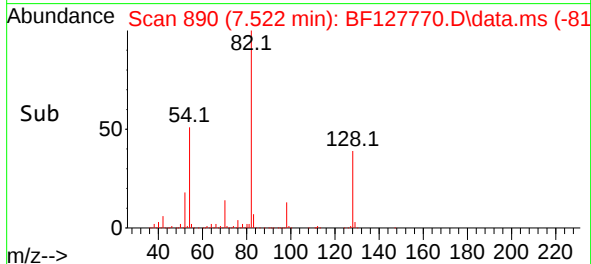
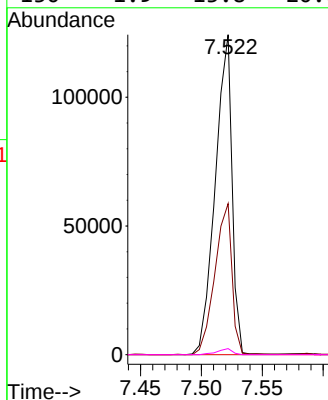
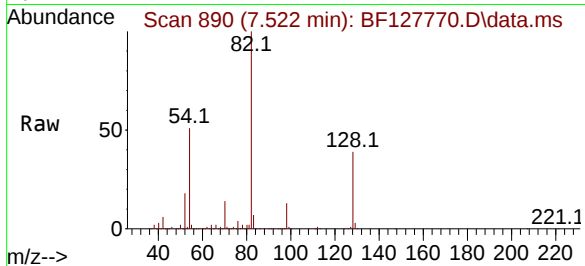
Ion Ratio Lower Upper

70 100

42 47.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

Tgt Ion:136 Resp: 448682

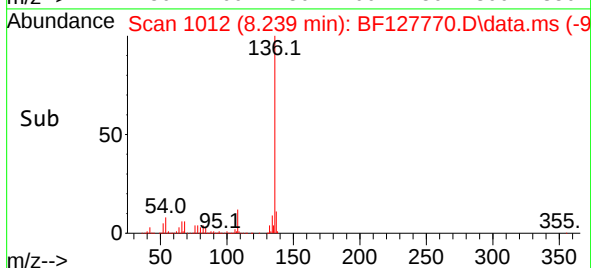
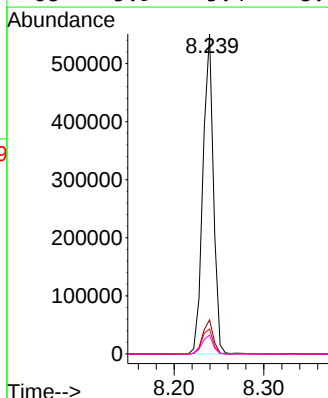
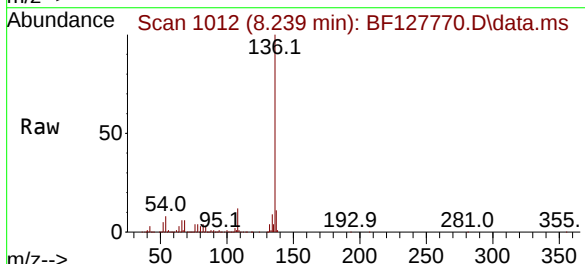
Ion Ratio Lower Upper

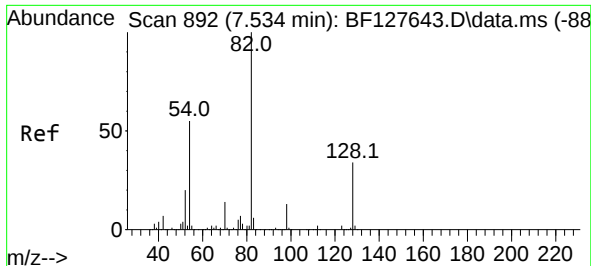
136 100

137 10.7 8.6 13.0

54 7.8 9.2 13.8#

68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 87.355 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

Instrument :

BNA_F

ClientSampleId :

MW-10

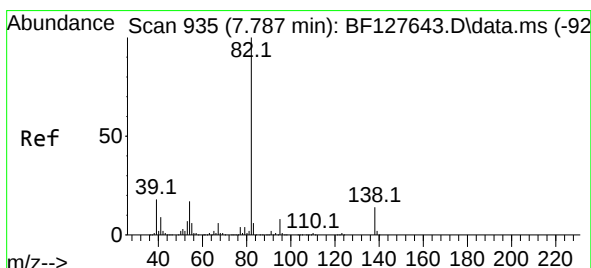
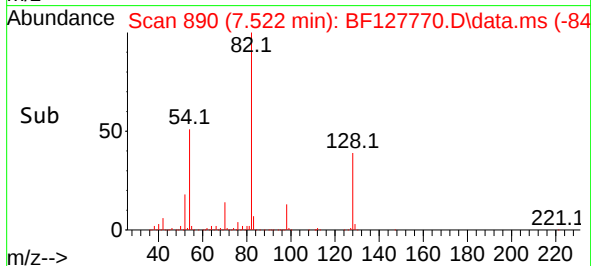
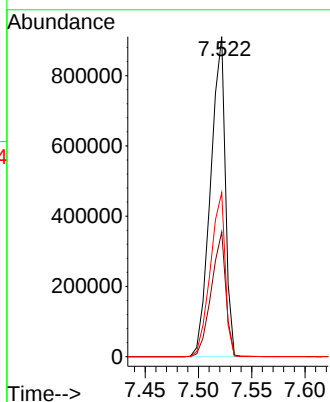
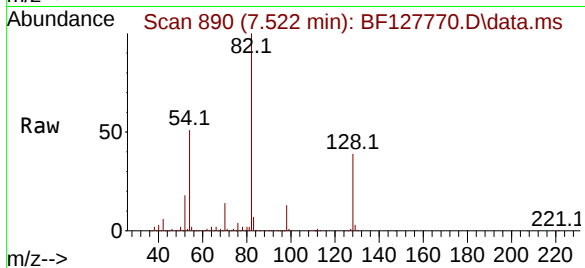
Tgt Ion: 82 Resp: 879170

Ion Ratio Lower Upper

82 100

128 39.0 30.6 45.8

54 51.3 48.2 72.2



#25

Isophorone

Concen: 50.062 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

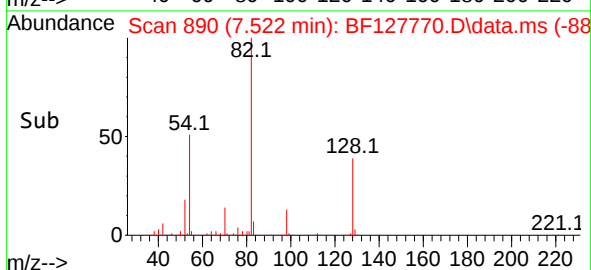
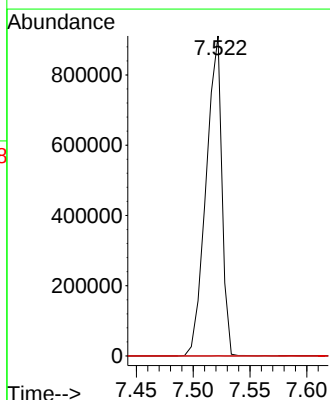
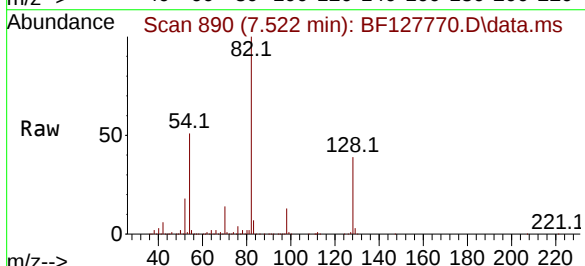
Tgt Ion: 82 Resp: 879160

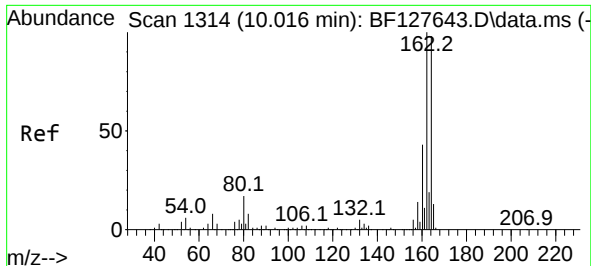
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

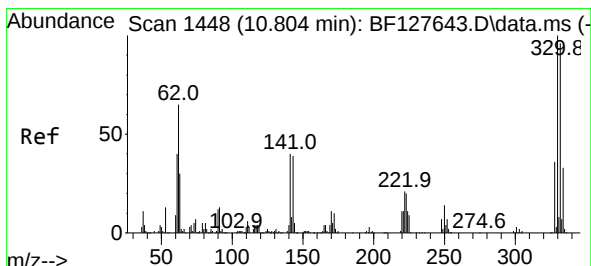
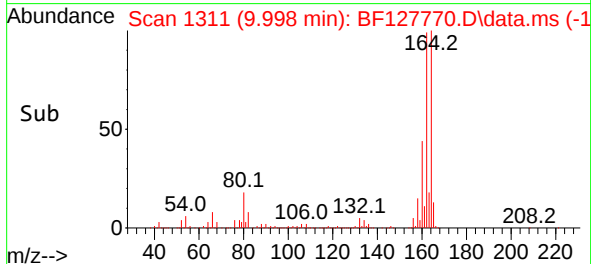
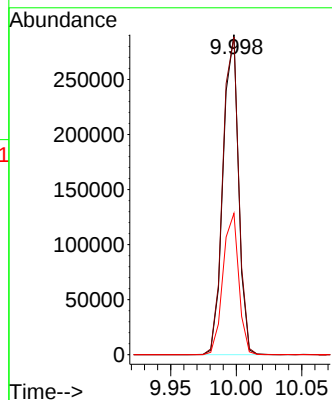
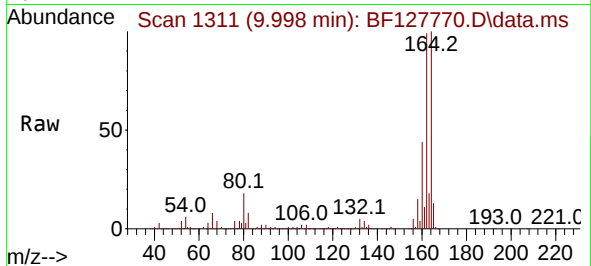




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

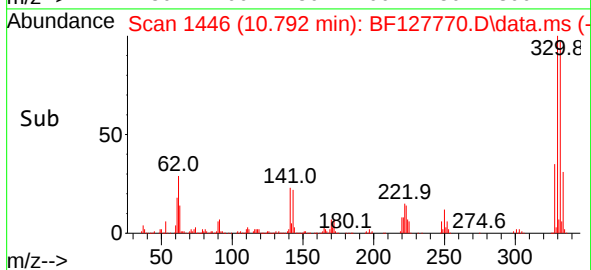
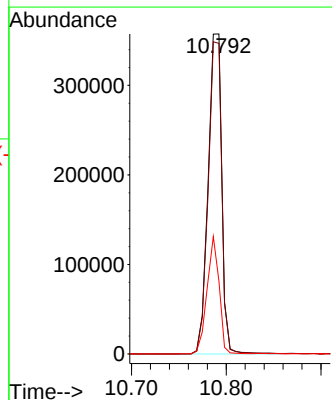
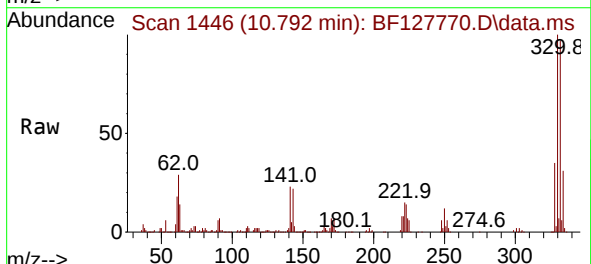
Instrument :
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MW-10

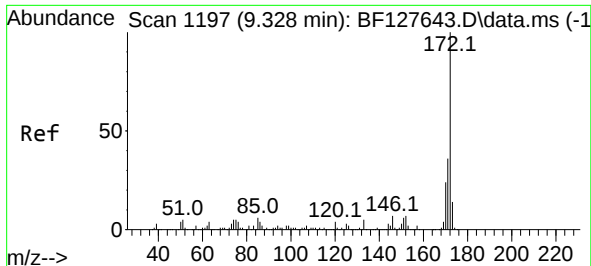
Tgt Ion:164 Resp: 238009
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 44.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 141.335 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

Tgt Ion:330 Resp: 357968
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 32.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 90.009 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

Instrument :

BNA_F

ClientSampleId :

MW-10

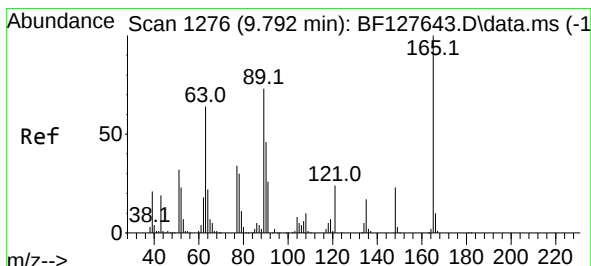
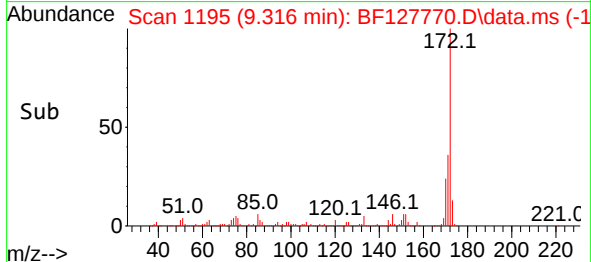
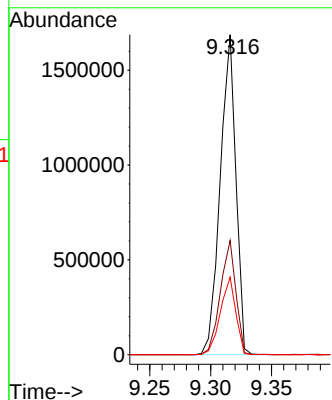
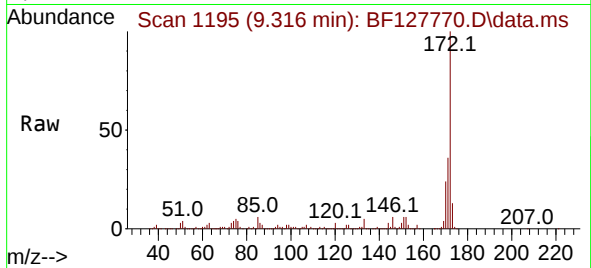
Tgt Ion:172 Resp: 1514349

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.574 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127770.D

Acq: 12 Apr 2022 20:59

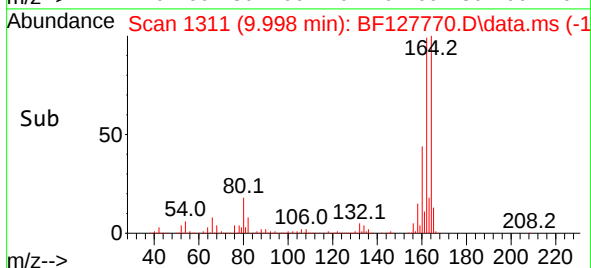
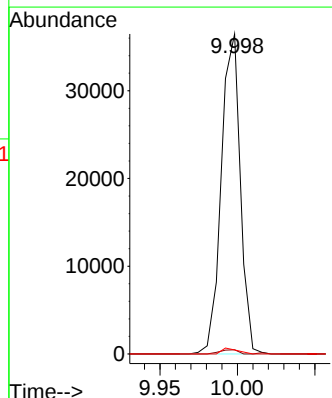
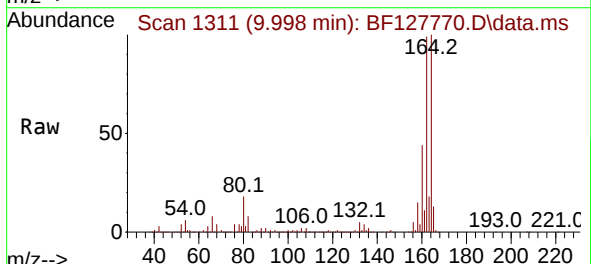
Tgt Ion:165 Resp: 31134

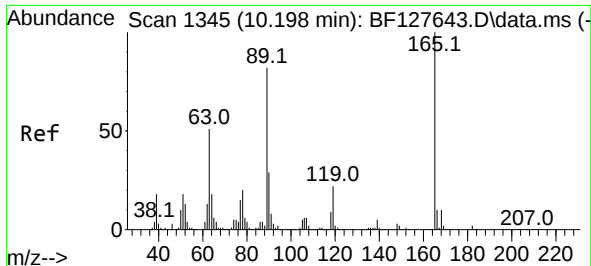
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.2 51.5 77.3#

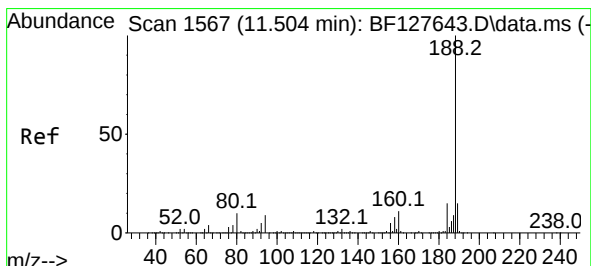
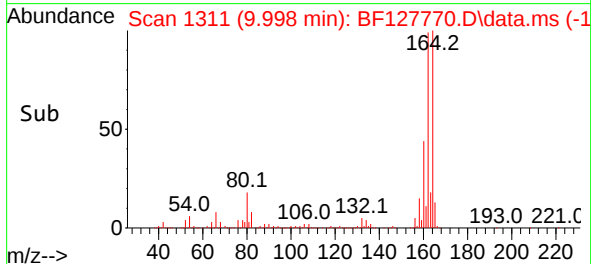
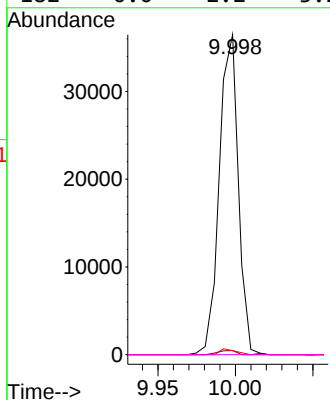
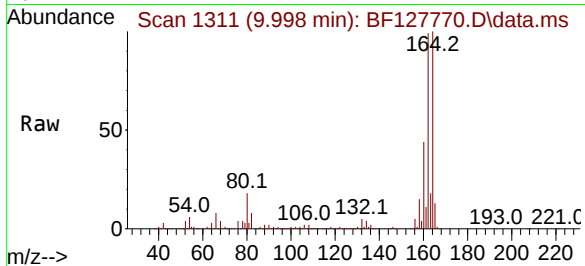




#57
2,4-Dinitrotoluene
Concen: 7.722 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

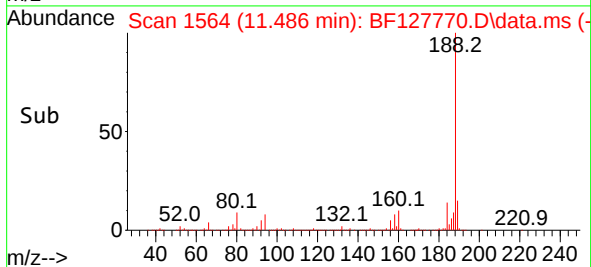
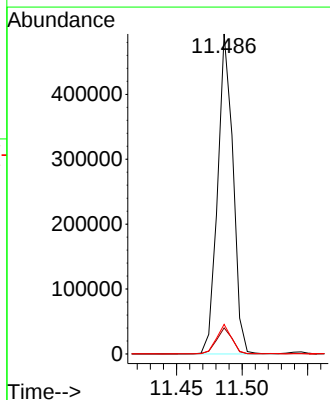
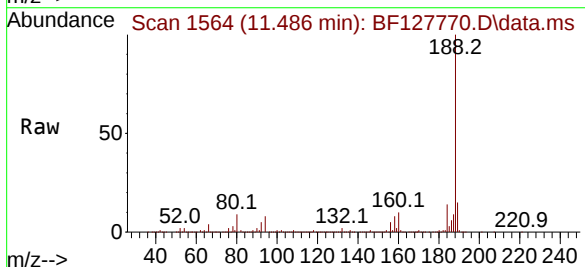
Instrument :
BNA_F
ClientSampleId :
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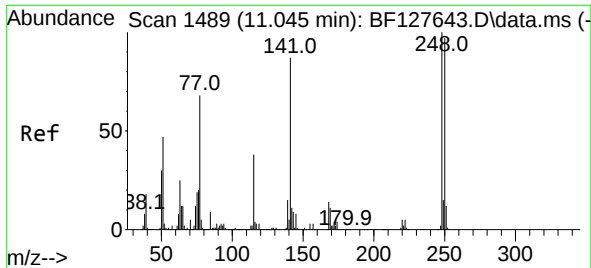
Tgt Ion:165 Resp: 31134
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

Tgt Ion:188 Resp: 401549
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.0
80 9.2 8.0 12.0

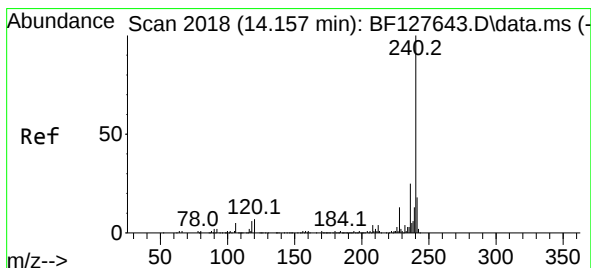
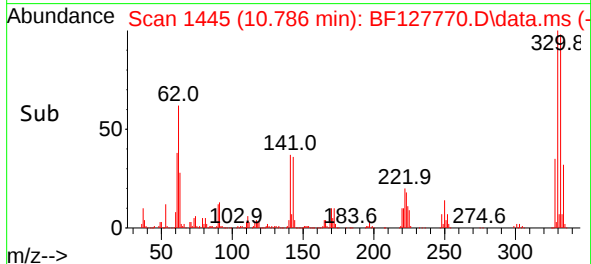
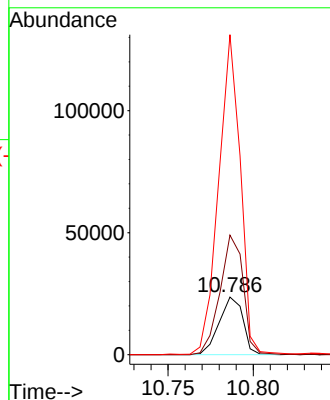
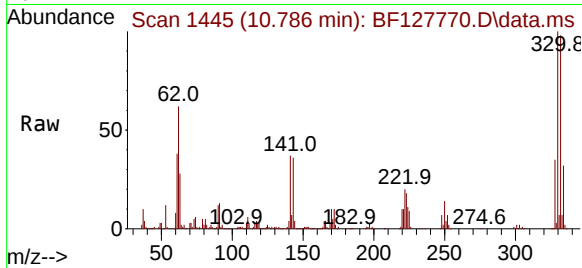




#67
4-Bromophenyl-phenylether
Concen: 4.712 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

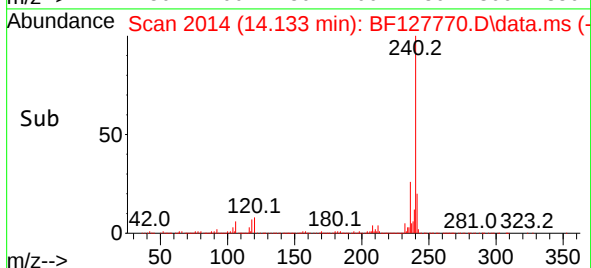
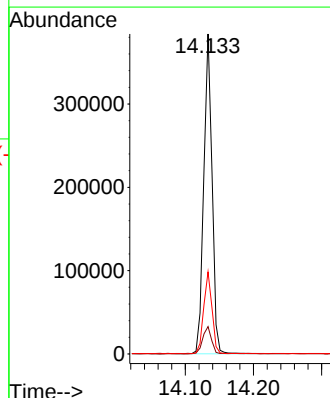
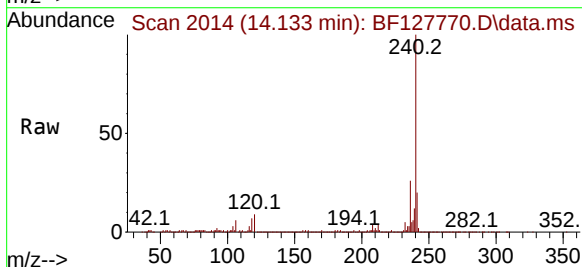
Instrument :
BNA_F
ClientSampleId :
MW-10

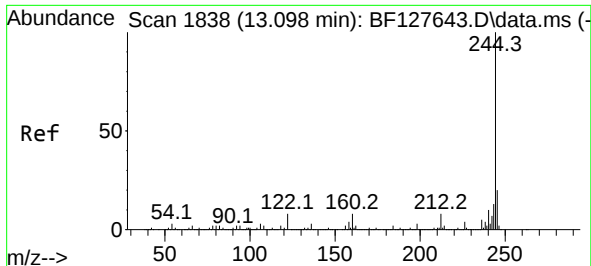
Tgt Ion:248 Resp: 22965
Ion Ratio Lower Upper
248 100
250 207.3 76.6 115.0#
141 554.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

Tgt Ion:240 Resp: 326332
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.6 20.7 31.1

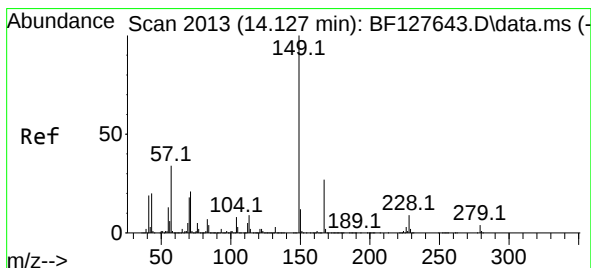
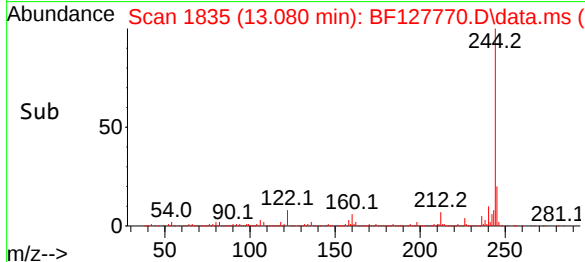
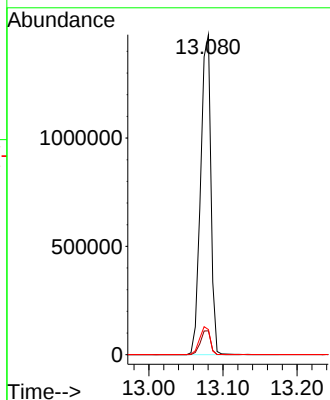
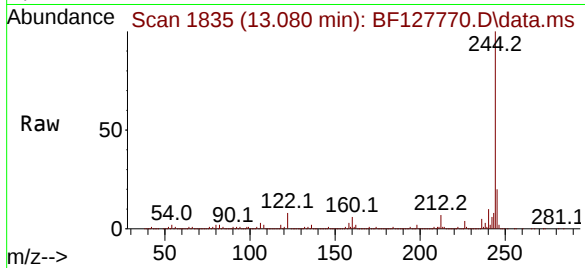




#79
 Terphenyl-d14
 Concen: 72.015 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127770.D
 Acq: 12 Apr 2022 20:59

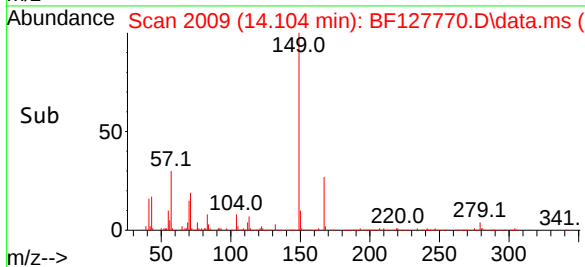
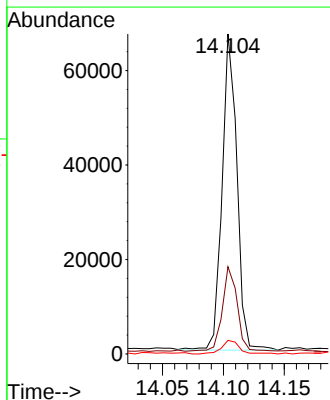
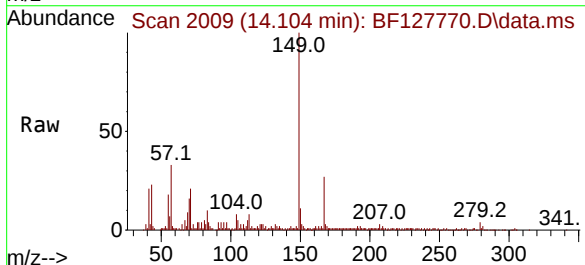
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

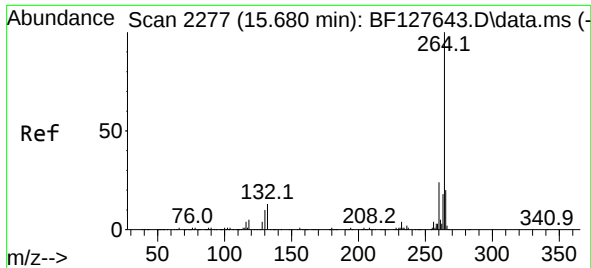
Tgt Ion:244 Resp: 1423775
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 7.8 6.2 9.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.928 ng
 RT: 14.104 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: BF127770.D
 Acq: 12 Apr 2022 20:59

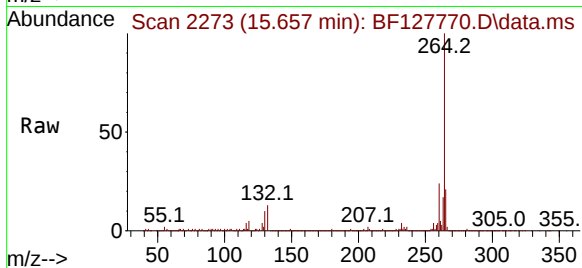
Tgt Ion:149 Resp: 56812
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.9 34.3
 279 4.3 3.2 4.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127770.D
Acq: 12 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
MW-10



Tgt Ion:264 Resp: 355057
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.4 17.4 26.2

