

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127757.D
 Acq On : 12 Apr 2022 14:35
 Operator : CG\JU
 Sample : N2340-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Apr 13 07:24:02 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)

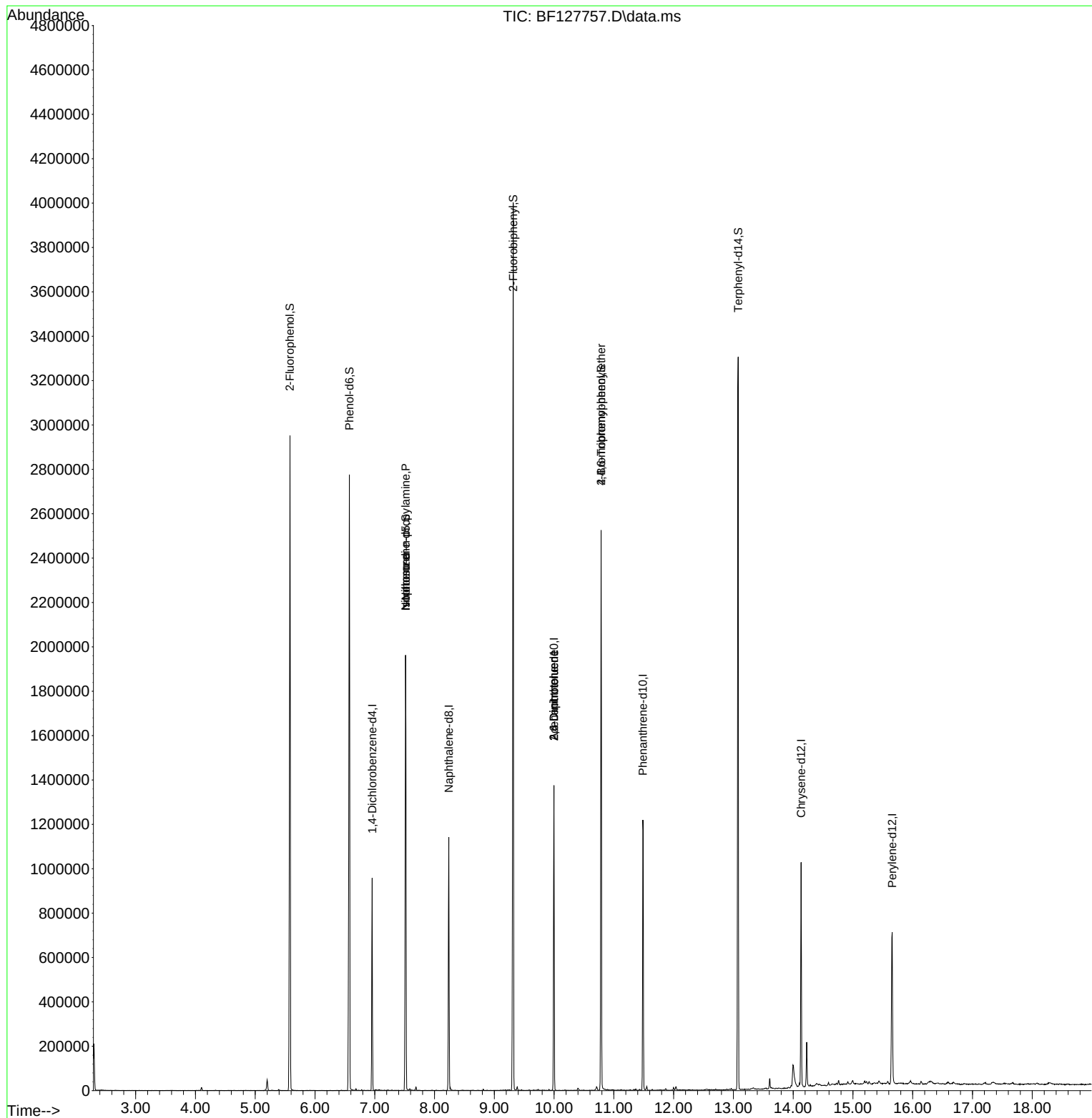
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	123215	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	453652	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	258935	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	464544	20.000	ng	0.00
76) Chrysene-d12	14.133	240	335280	20.000	ng	0.00
86) Perylene-d12	15.657	264	336923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	726869	95.856	ng	0.00
7) Phenol-d6	6.575	99	942899	95.050	ng	0.00
23) Nitrobenzene-d5	7.516	82	675264	66.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	290269	105.343	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1180490	64.495	ng	0.00
79) Terphenyl-d14	13.080	244	1230288	60.568	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	1857	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	91487	14.259	ng	# 75
25) Isophorone	7.516	82	675256	38.030	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	33880	9.576	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	33880	7.724	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	19374	3.436	ng	# 1

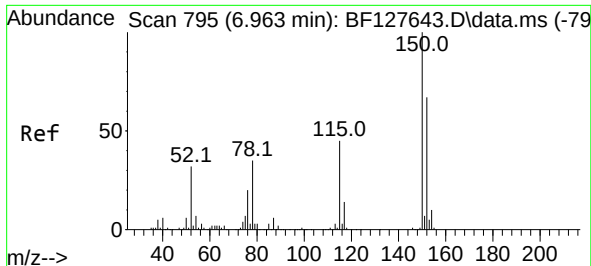
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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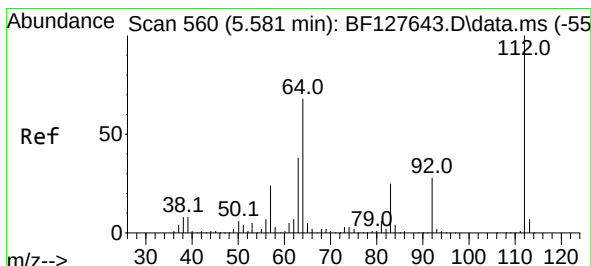
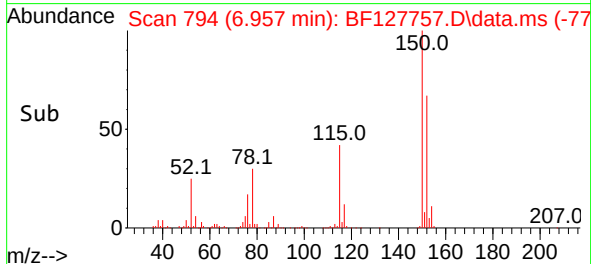
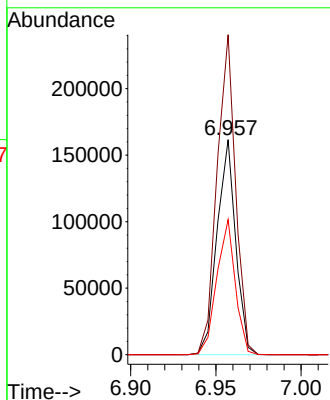
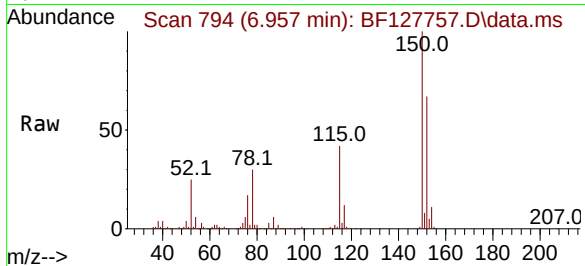




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127757.D
 Acq: 12 Apr 2022 14:35

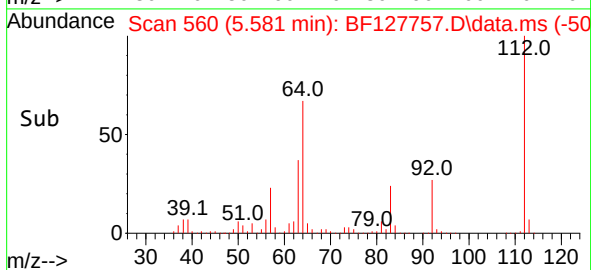
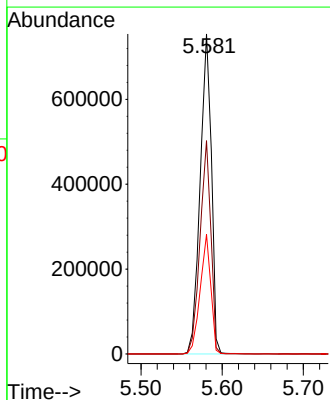
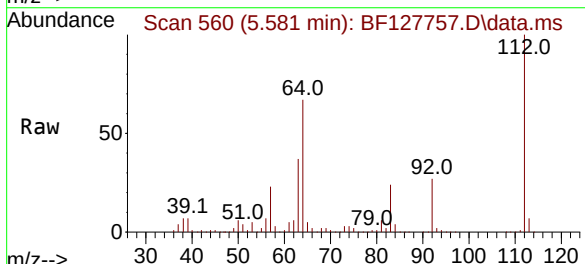
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

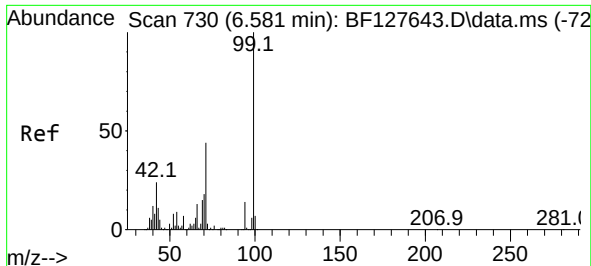
Tgt Ion:152 Resp: 123215
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.2 175.8
 115 62.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 95.856 ng
 RT: 5.581 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: BF127757.D
 Acq: 12 Apr 2022 14:35

Tgt Ion:112 Resp: 726869
 Ion Ratio Lower Upper
 112 100
 64 66.6 58.4 87.6
 63 37.4 30.1 45.1

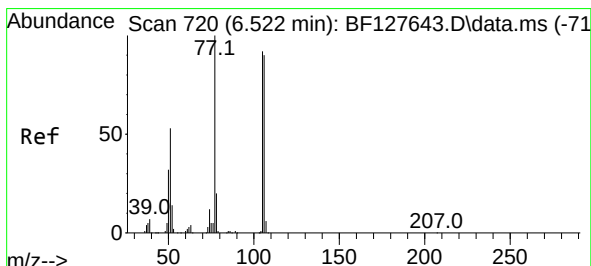
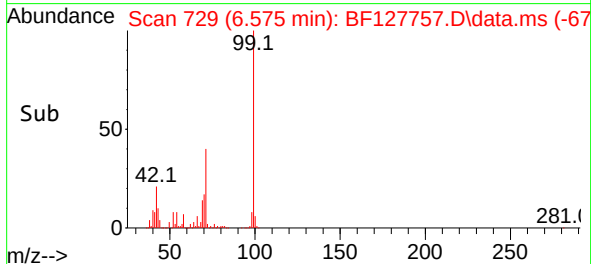
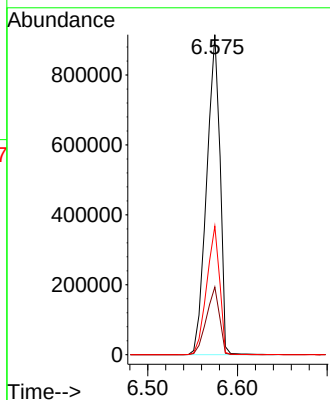
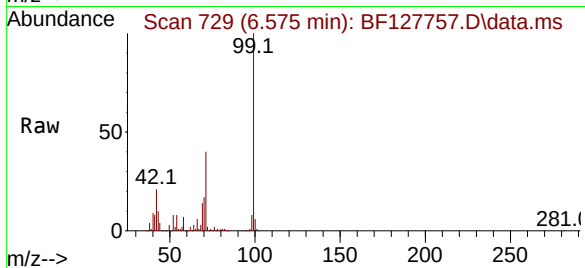




#7
Phenol-d6
Concen: 95.050 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

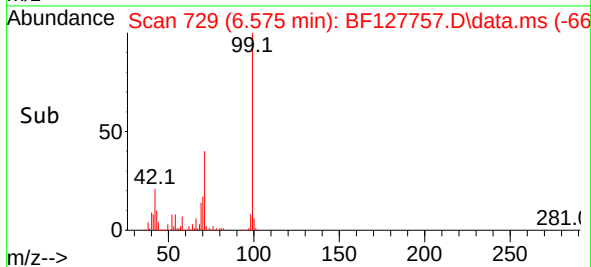
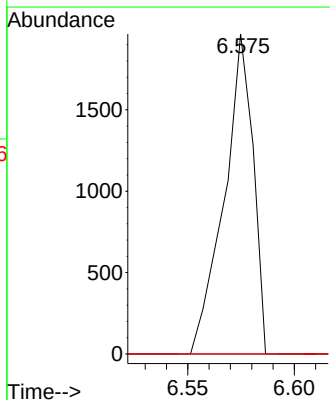
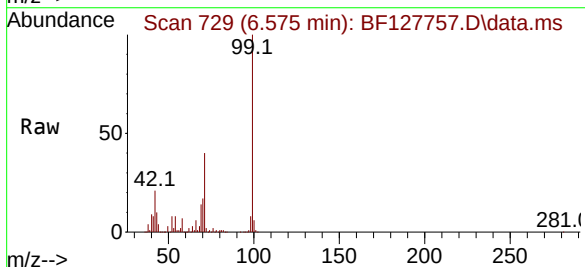
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

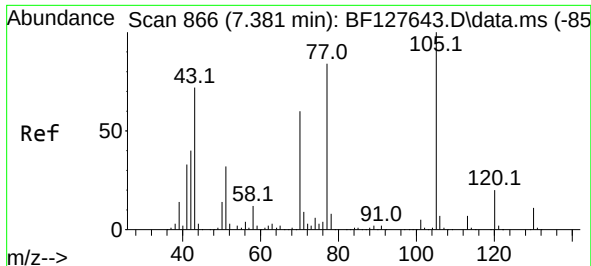
Tgt Ion: 99 Resp: 942899
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 40.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

Tgt Ion: 77 Resp: 1857
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: 14.259 ng

RT: 7.516 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127757.D

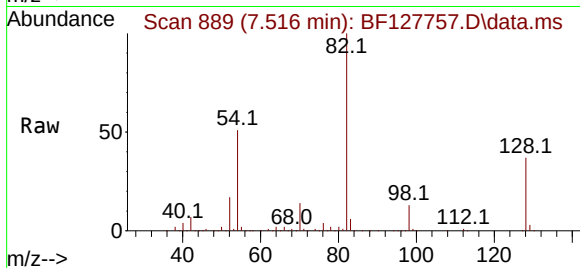
Acq: 12 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP



Tgt Ion: 70 Resp: 91487

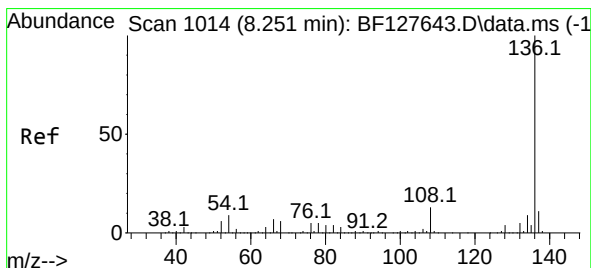
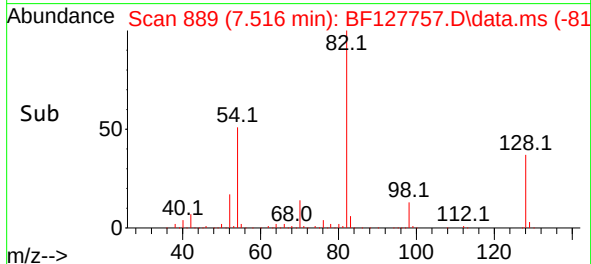
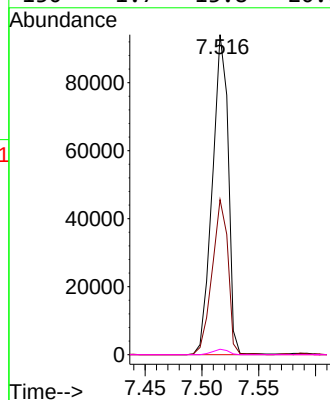
Ion Ratio Lower Upper

70 100

42 48.4 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: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127757.D

Acq: 12 Apr 2022 14:35

Tgt Ion: 136 Resp: 453652

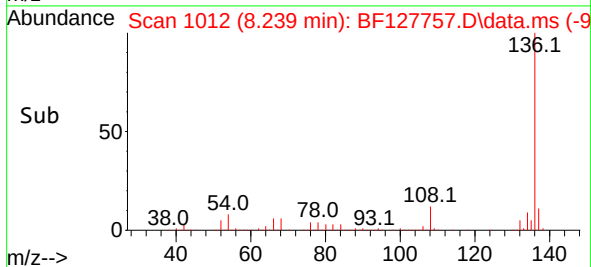
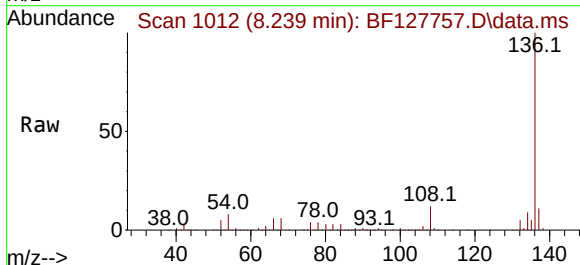
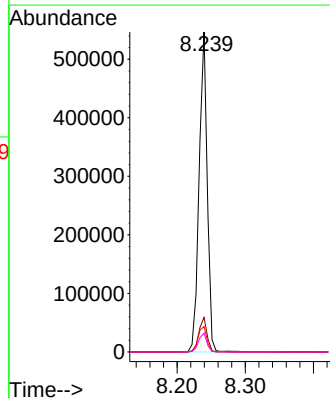
Ion Ratio Lower Upper

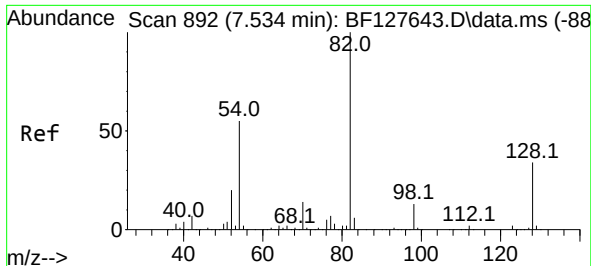
136 100

137 10.8 8.6 13.0

54 7.9 9.2 13.8#

68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.360 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127757.D

Acq: 12 Apr 2022 14:35

Instrument :

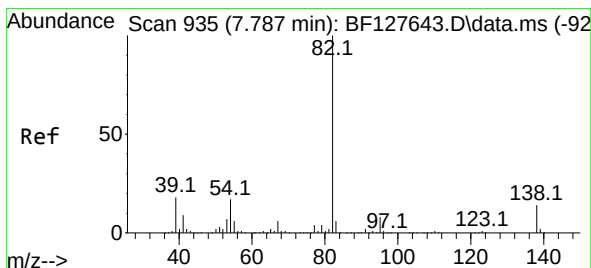
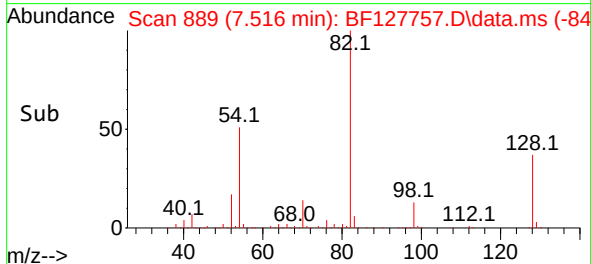
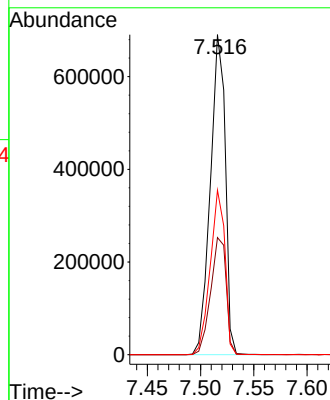
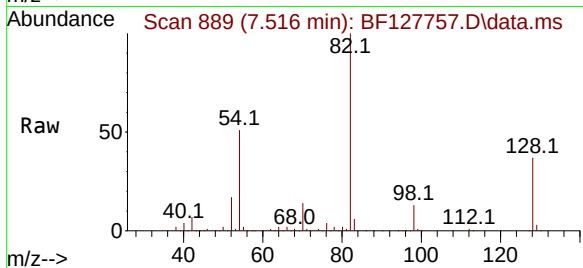
BNA_F

ClientSampleId :

SB-06-COMP

Tgt Ion: 82 Resp: 675264

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.6	45.8
54	51.4	48.2	72.2



#25

Isophorone

Concen: 38.030 ng

RT: 7.516 min Scan# 889

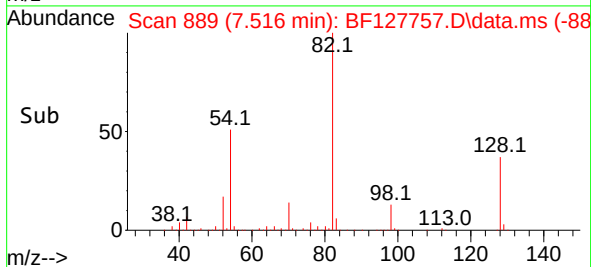
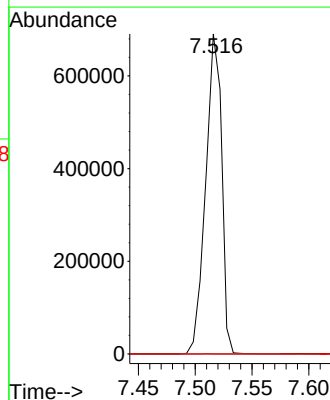
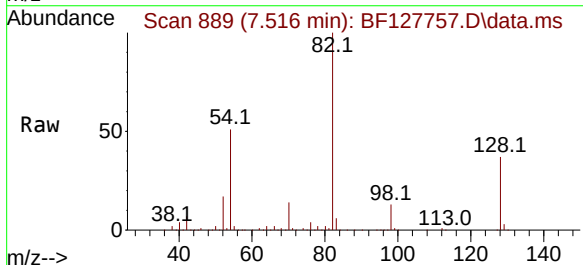
Delta R.T. -0.265 min

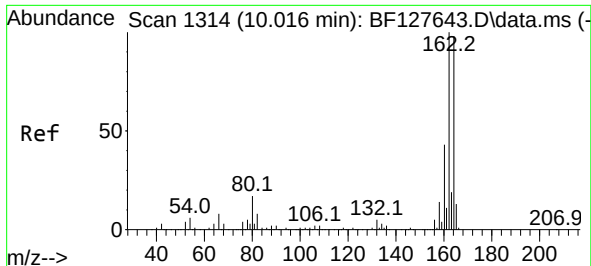
Lab File: BF127757.D

Acq: 12 Apr 2022 14:35

Tgt Ion: 82 Resp: 675256

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

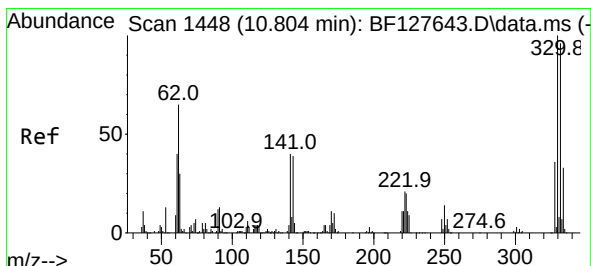
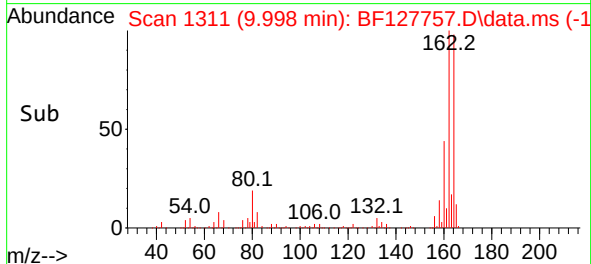
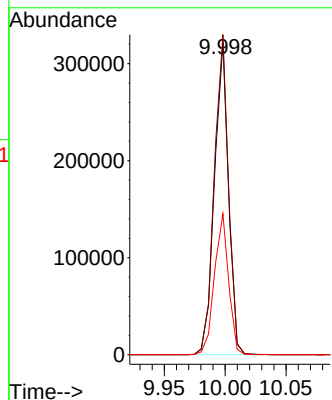
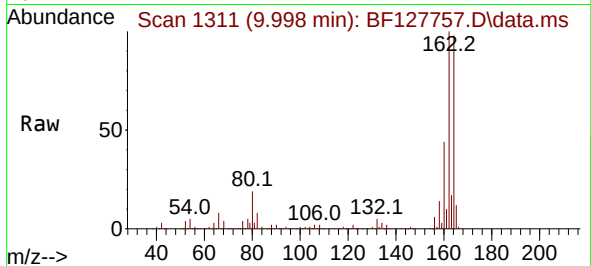




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

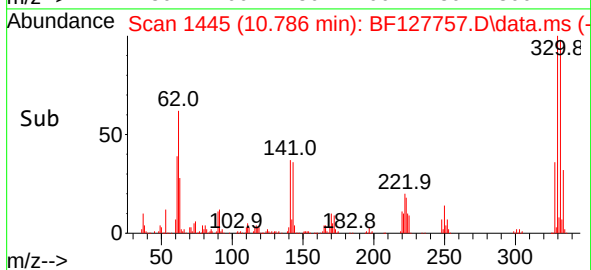
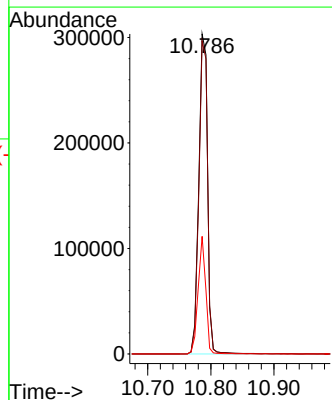
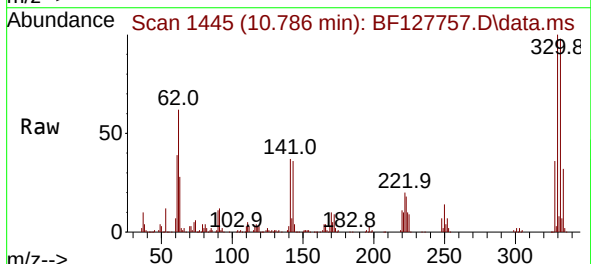
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

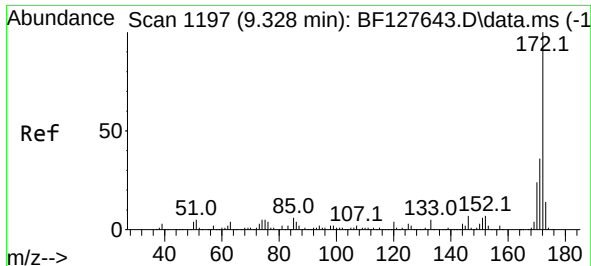
Tgt Ion:164 Resp: 258935
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 45.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 105.343 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

Tgt Ion:330 Resp: 290269
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 32.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 64.495 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127757.D

Acq: 12 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

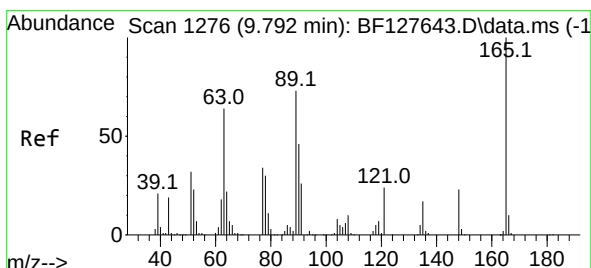
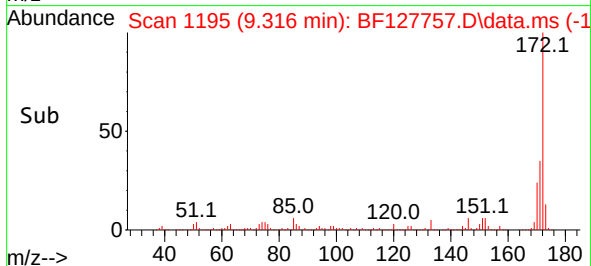
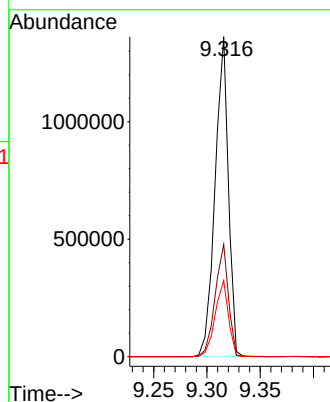
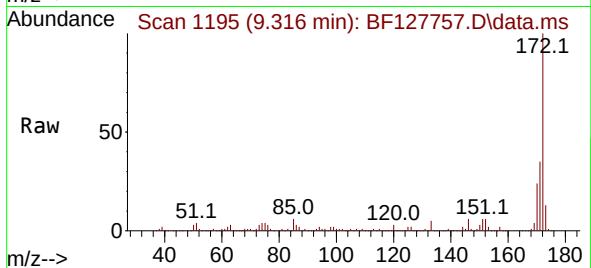
Tgt Ion:172 Resp: 1180490

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.576 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127757.D

Acq: 12 Apr 2022 14:35

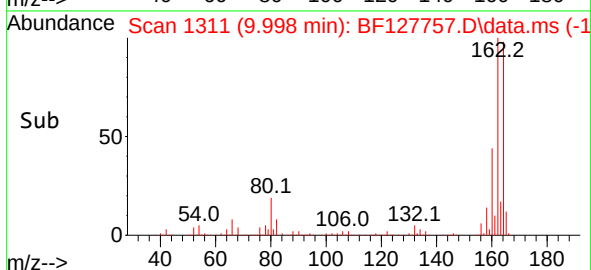
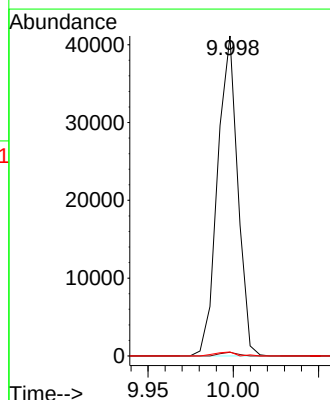
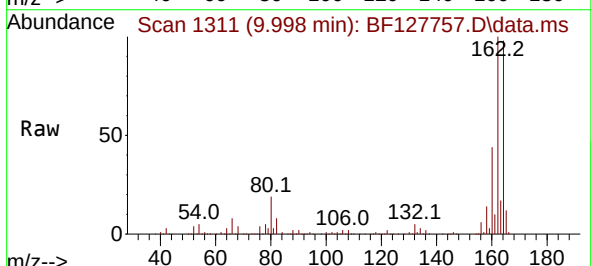
Tgt Ion:165 Resp: 33880

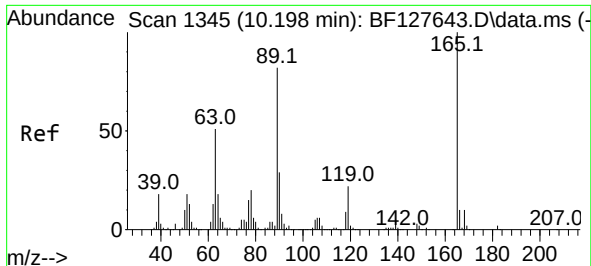
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

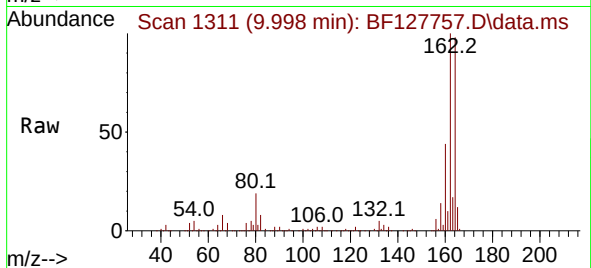
89 1.3 51.5 77.3#



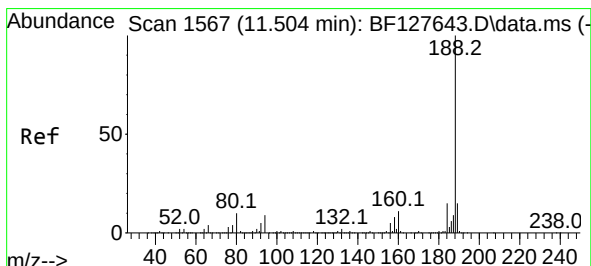
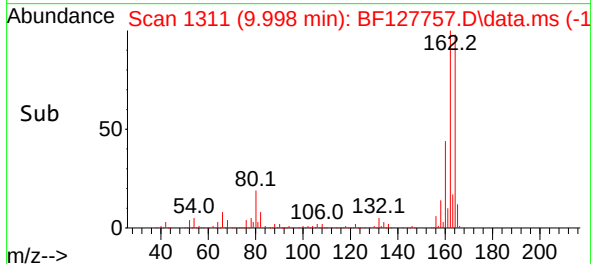
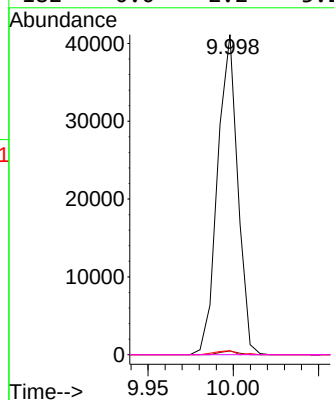


#57
2,4-Dinitrotoluene
Concen: 7.724 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

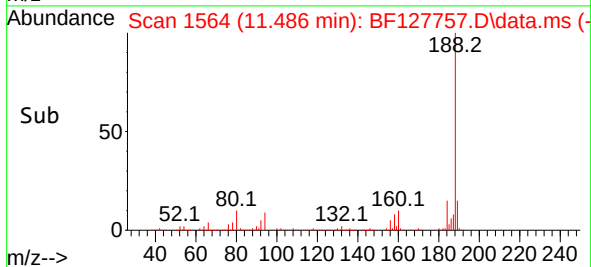
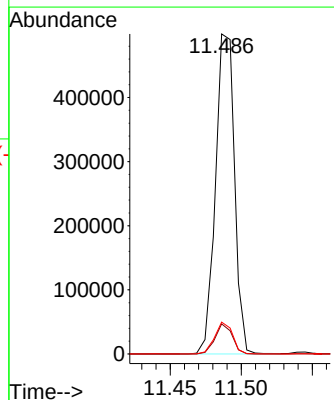
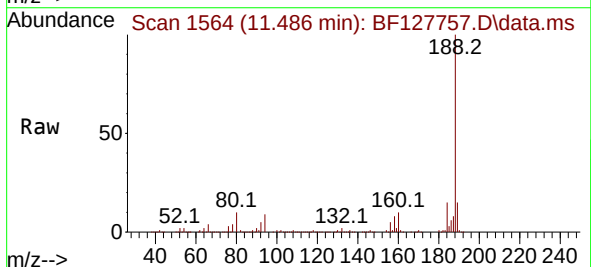


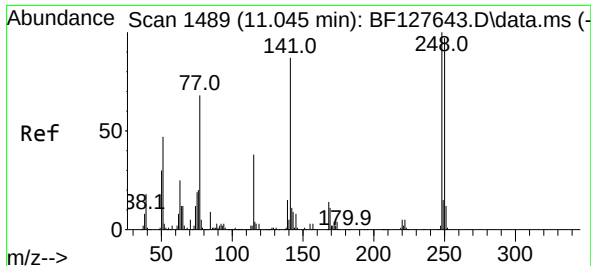
Tgt Ion:165 Resp: 33880
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

Tgt Ion:188 Resp: 464544
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.9 8.0 12.0

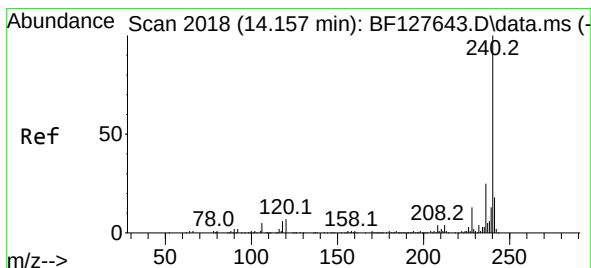
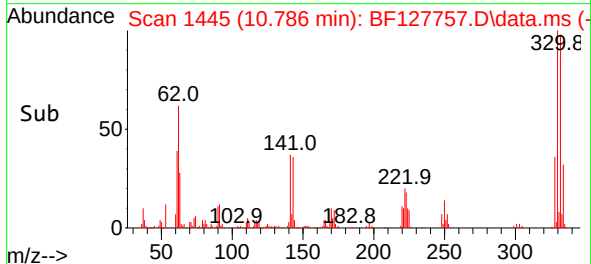
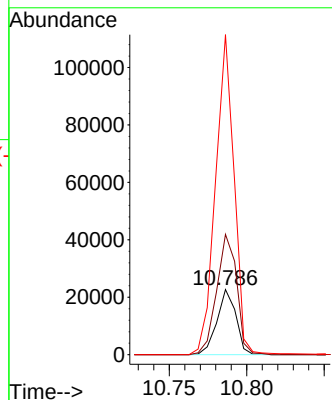
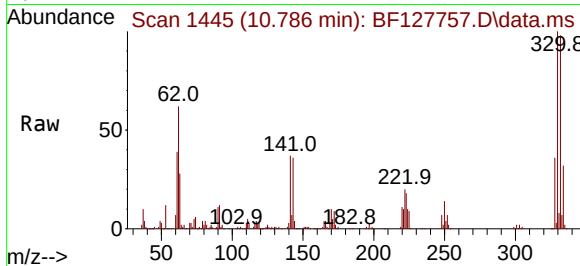




#67
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

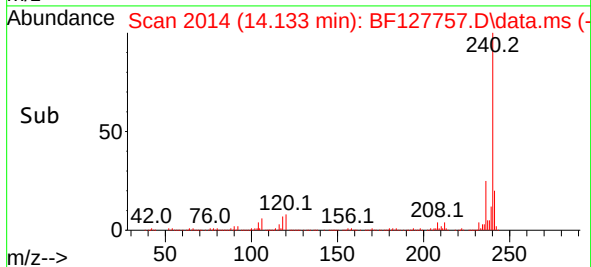
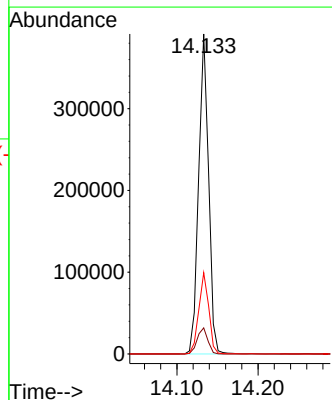
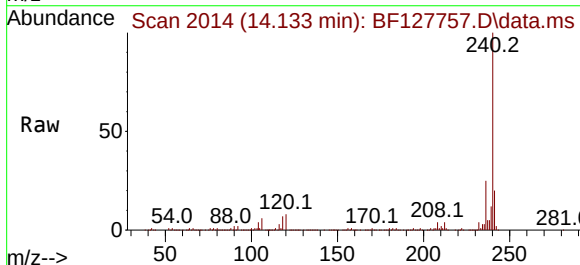
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

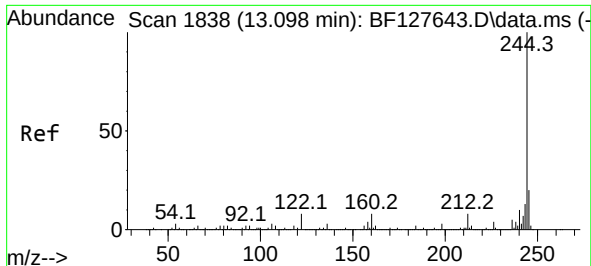
Tgt Ion:248 Resp: 19374
Ion Ratio Lower Upper
248 100
250 185.0 76.6 115.0#
141 491.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127757.D
Acq: 12 Apr 2022 14:35

Tgt Ion:240 Resp: 335280
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.4 20.7 31.1

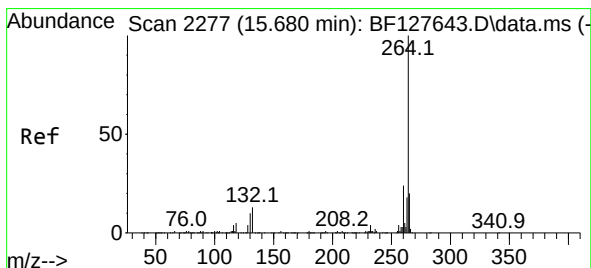
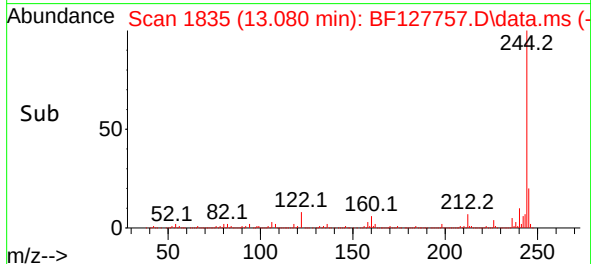
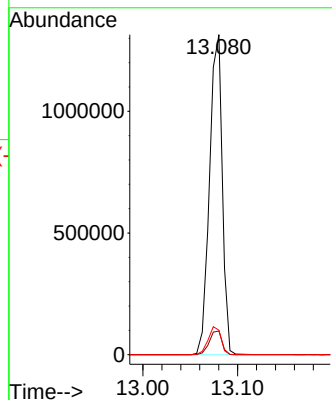
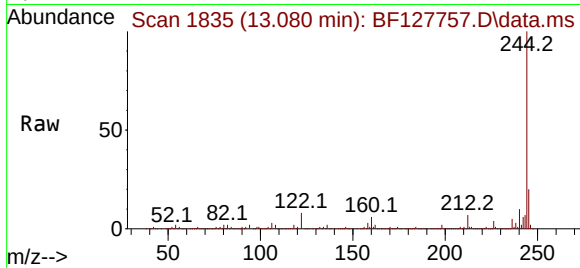




#79
 Terphenyl-d14
 Concen: 60.568 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127757.D
 Acq: 12 Apr 2022 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:244 Resp: 1230288
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 7.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF127757.D
 Acq: 12 Apr 2022 14:35

Tgt Ion:264 Resp: 336923
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 22.1 17.4 26.2

