

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127654.D
 Acq On : 06 Apr 2022 18:12
 Operator : CG\JU
 Sample : N2220-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A04015

Quant Time: Apr 07 02:39:11 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 06 13:55:27 2022
 Response via : Initial Calibration

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

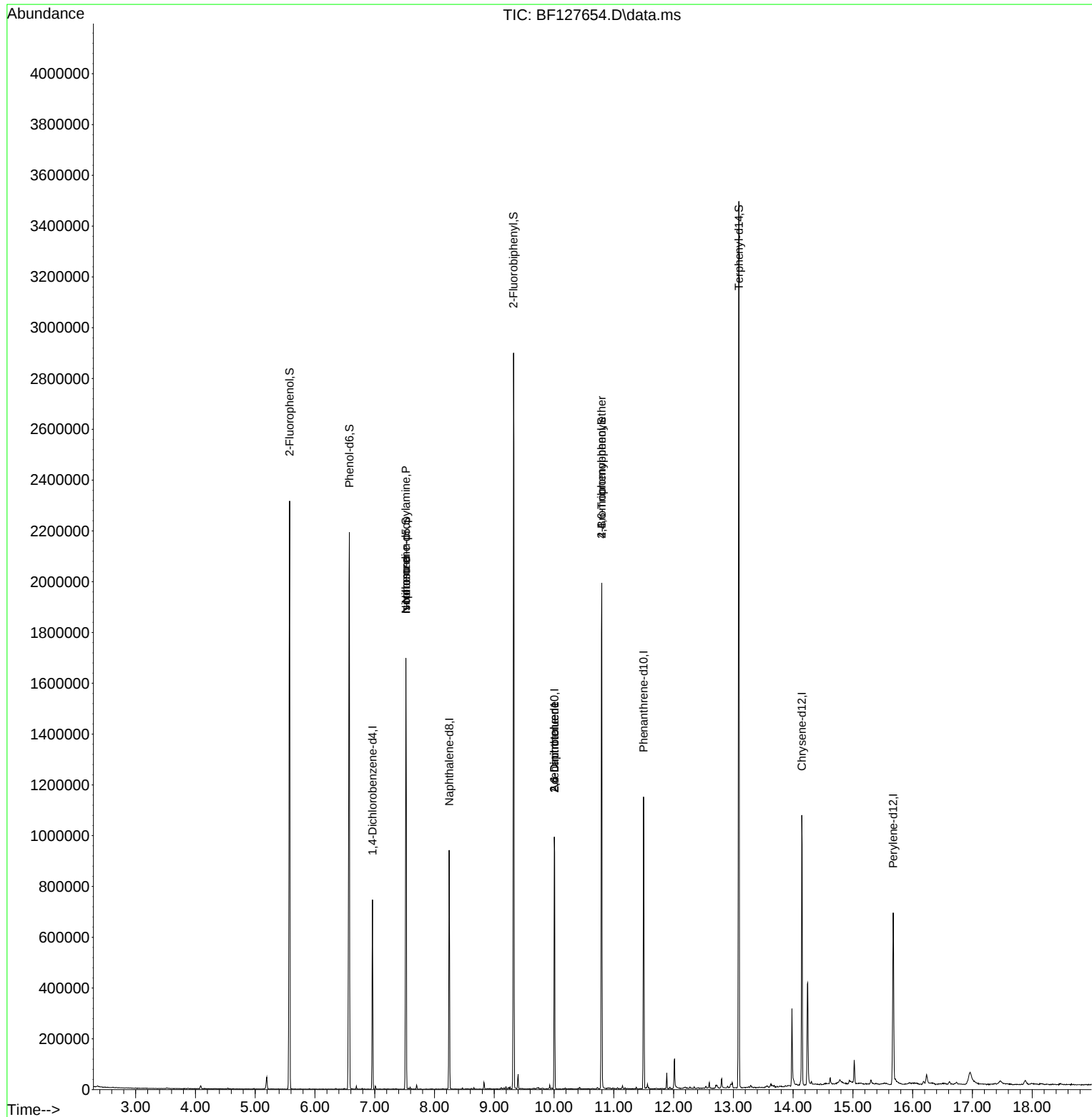
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	92487	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	352583	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	202450	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	398859	20.000	ng	0.00
76) Chrysene-d12	14.145	240	370099	20.000	ng	-0.01
86) Perylene-d12	15.674	264	315507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	557297	97.911	ng	0.00
7) Phenol-d6	6.575	99	726081	97.511	ng	0.00
23) Nitrobenzene-d5	7.522	82	511983	64.736	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	216621	100.550	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	886240	61.928	ng	0.00
79) Terphenyl-d14	13.092	244	1165756	51.991	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	1610	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	70241	14.585	ng	# 77
25) Isophorone	7.522	82	511972	37.099	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	26189	9.468	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	26189	7.637	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	15299	3.160	ng	# 1

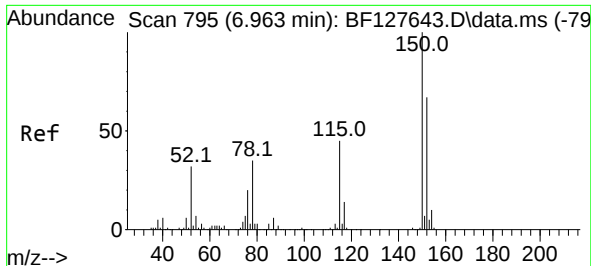
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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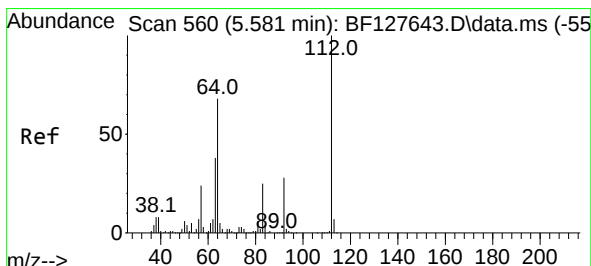
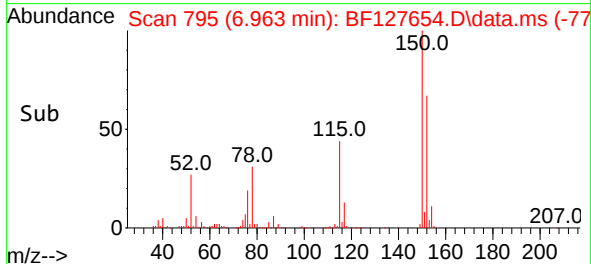
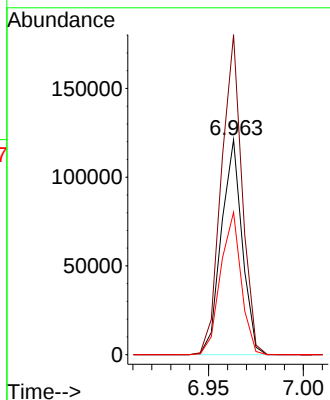
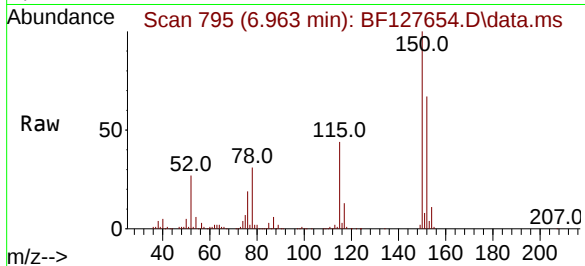




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127654.D
 Acq: 06 Apr 2022 18:12

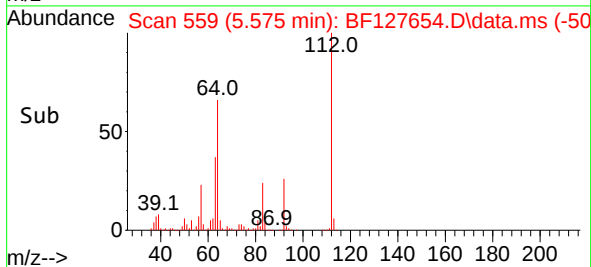
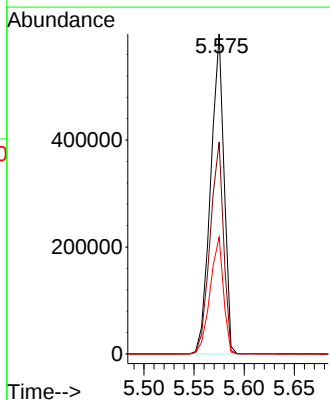
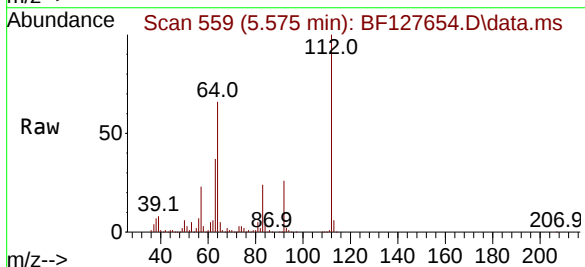
Instrument :
 BNA_F
 ClientSampleId :
 A04015

Tgt Ion:152 Resp: 92487
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.2 175.8
 115 66.2 49.8 74.6



#5
 2-Fluorophenol
 Concen: 97.911 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127654.D
 Acq: 06 Apr 2022 18:12

Tgt Ion:112 Resp: 557297
 Ion Ratio Lower Upper
 112 100
 64 66.3 58.4 87.6
 63 36.5 30.1 45.1

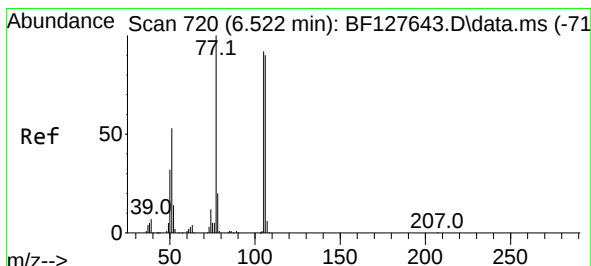
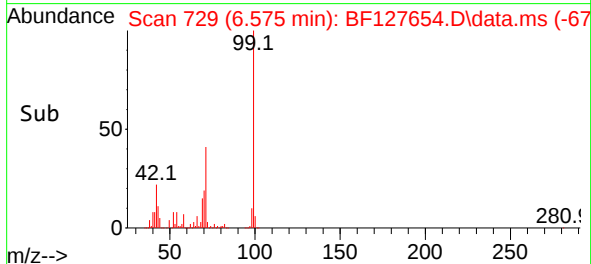
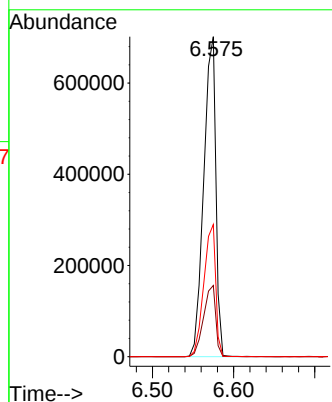
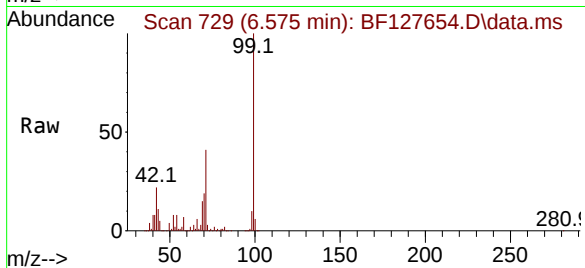




#7
Phenol-d6
Concen: 97.511 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

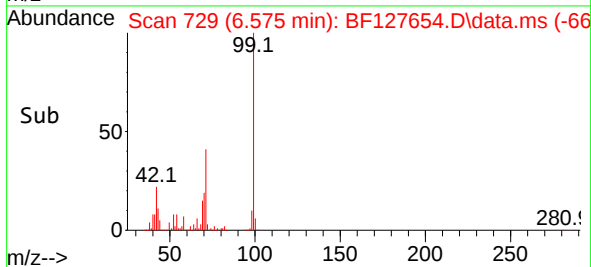
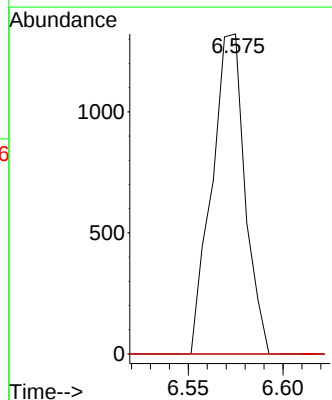
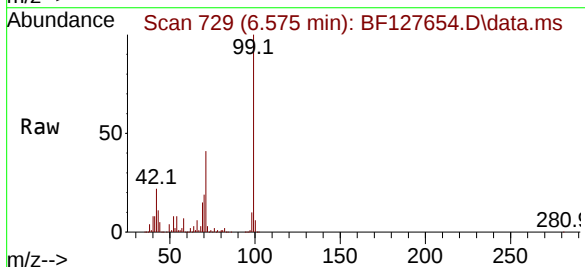
Instrument :
BNA_F
ClientSampleId :
A04015

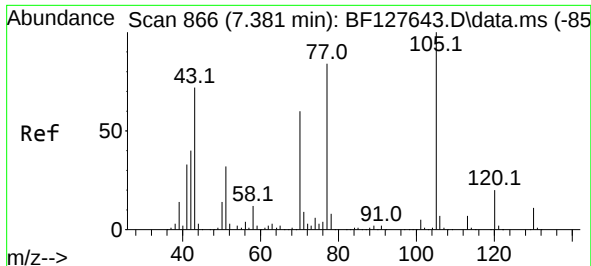
Tgt Ion: 99 Resp: 726081
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 41.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.053 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

Tgt Ion: 77 Resp: 1610
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: 14.585 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127654.D

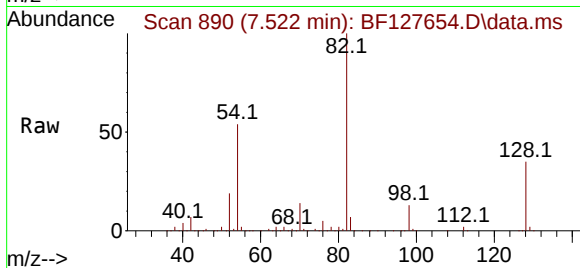
Acq: 06 Apr 2022 18:12

Instrument :

BNA_F

ClientSampleId :

A04015



Tgt Ion: 70 Resp: 70241

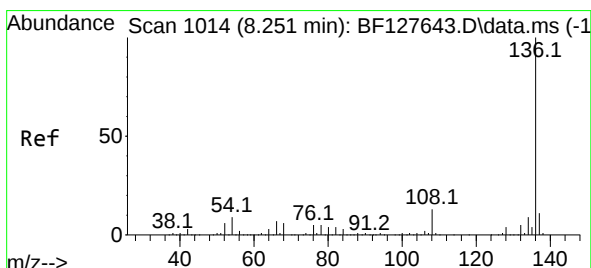
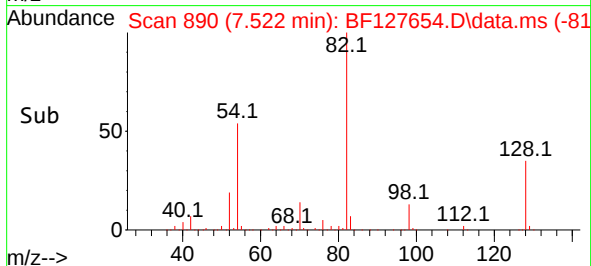
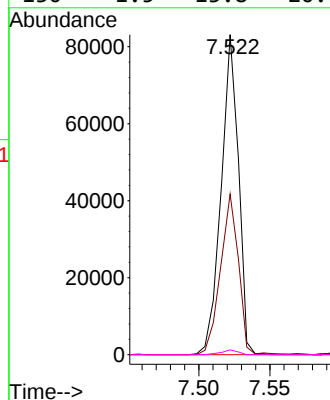
Ion Ratio Lower Upper

70 100

42 50.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.5 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127654.D

Acq: 06 Apr 2022 18:12

Tgt Ion: 136 Resp: 352583

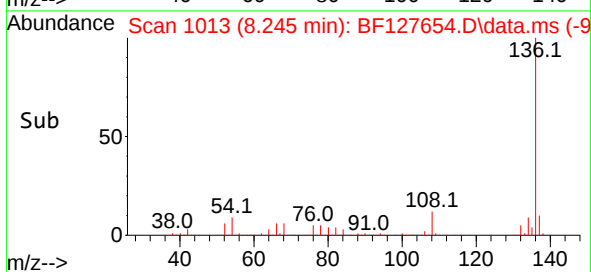
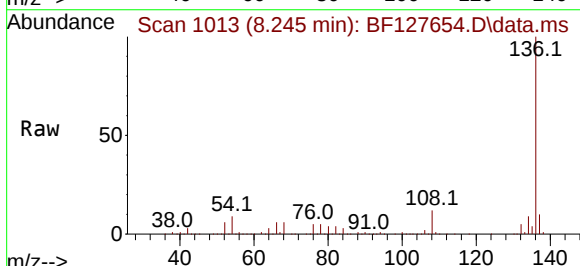
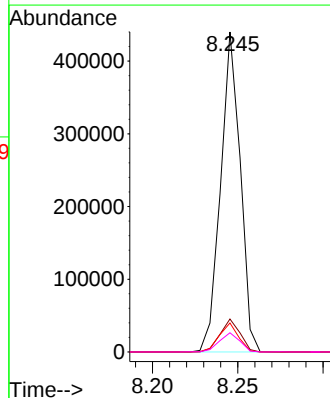
Ion Ratio Lower Upper

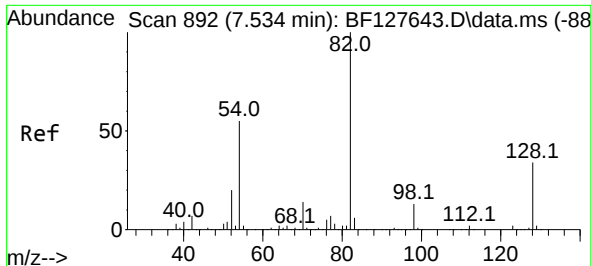
136 100

137 10.3 8.6 13.0

54 9.1 9.2 13.8#

68 6.0 5.4 8.0

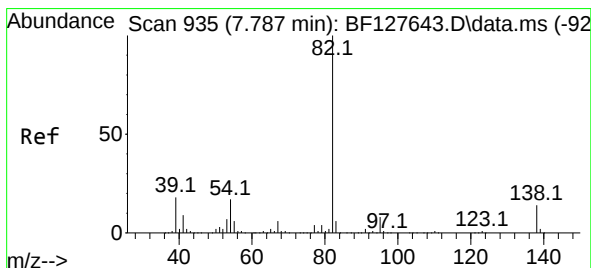
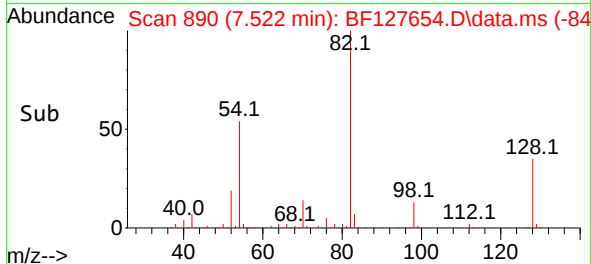
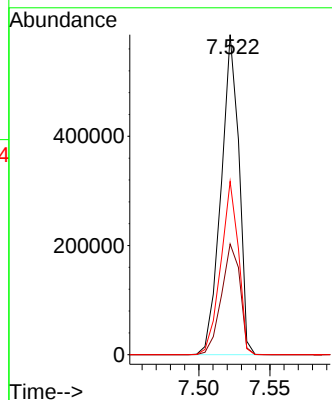
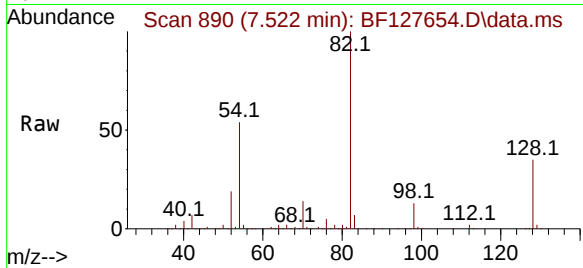




#23
Nitrobenzene-d5
Concen: 64.736 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

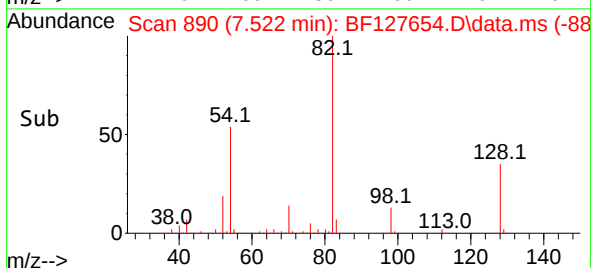
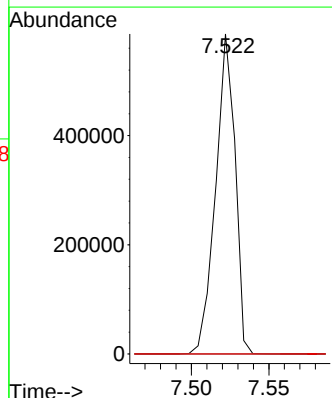
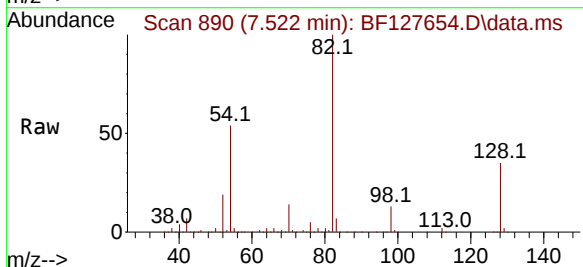
Instrument :
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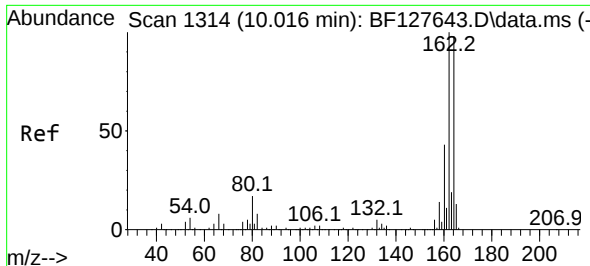
Tgt Ion: 82 Resp: 511983
Ion Ratio Lower Upper
82 100
128 34.6 30.6 45.8
54 54.1 48.2 72.2



#25
Isophorone
Concen: 37.099 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

Tgt Ion: 82 Resp: 511972
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

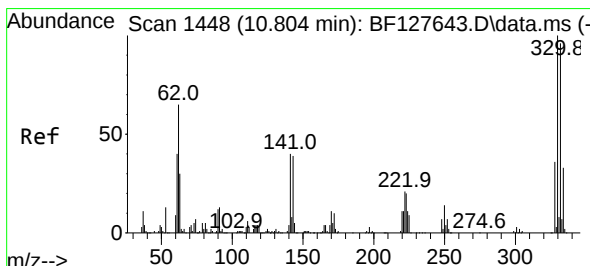
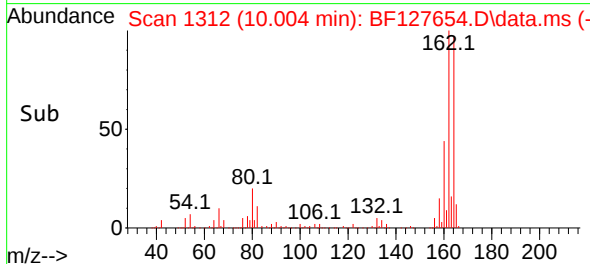
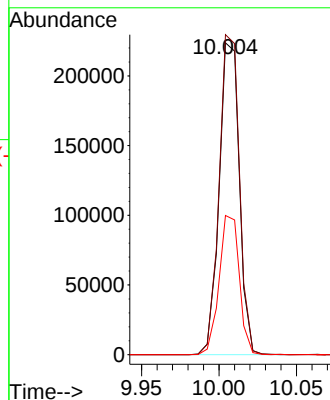
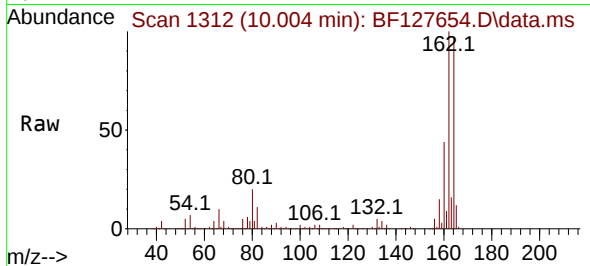




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

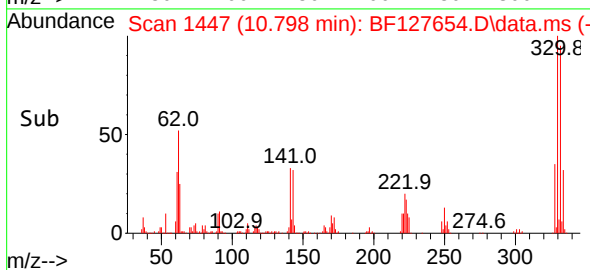
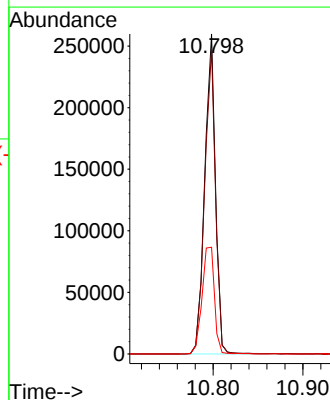
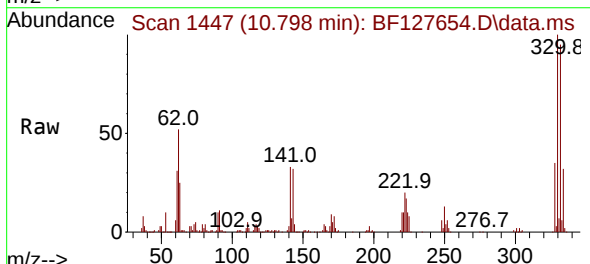
Instrument :
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ClientSampleId :
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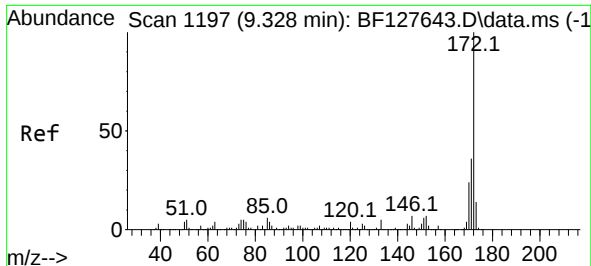
Tgt Ion:164 Resp: 202450
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 100.550 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

Tgt Ion:330 Resp: 216621
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 38.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 61.928 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127654.D

Acq: 06 Apr 2022 18:12

Instrument :

BNA_F

ClientSampleId :

A04015

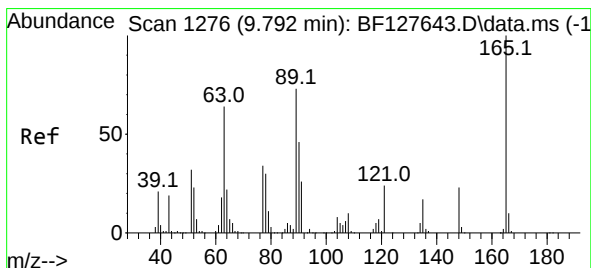
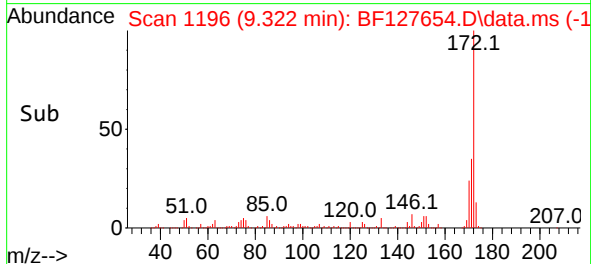
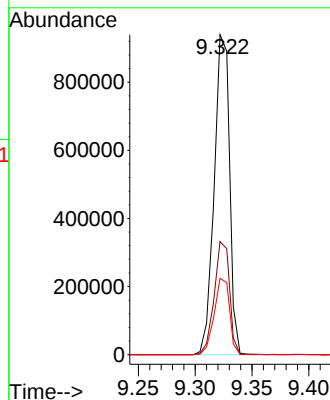
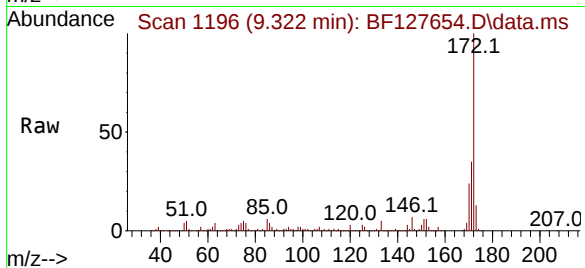
Tgt Ion:172 Resp: 886240

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.468 ng

RT: 10.004 min Scan# 1312

Delta R.T. 0.212 min

Lab File: BF127654.D

Acq: 06 Apr 2022 18:12

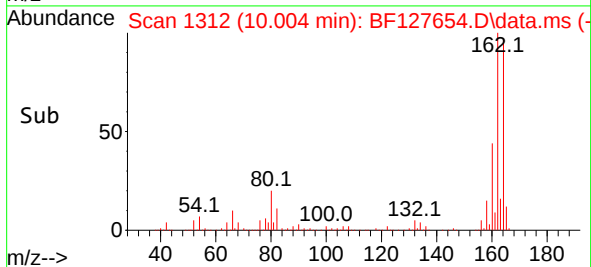
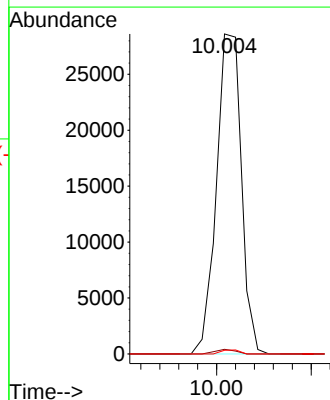
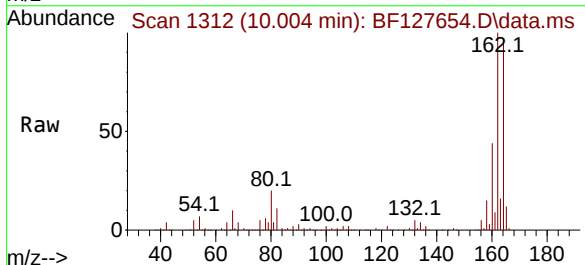
Tgt Ion:165 Resp: 26189

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.1 51.5 77.3#

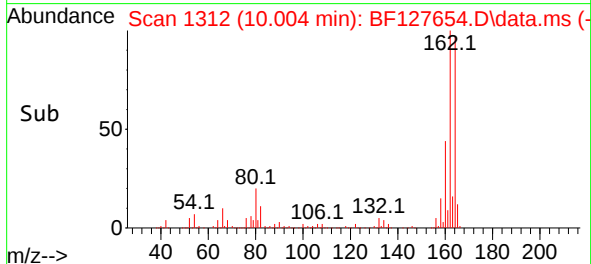
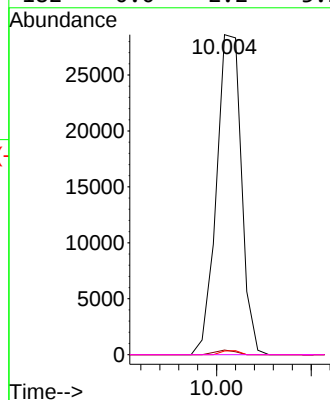
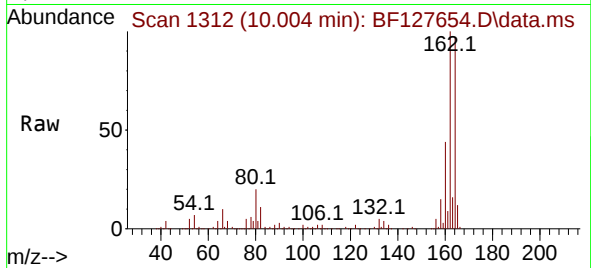




#57
2,4-Dinitrotoluene
Concen: 7.637 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

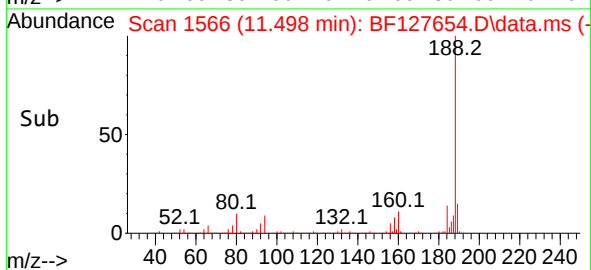
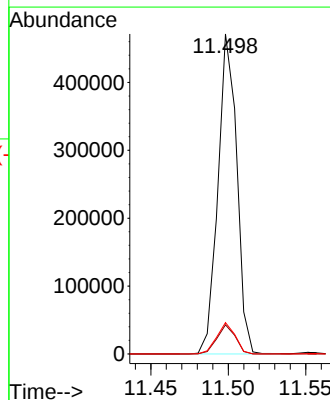
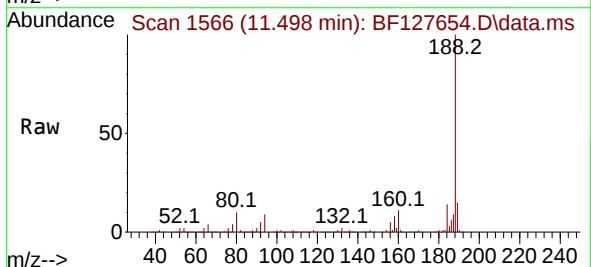
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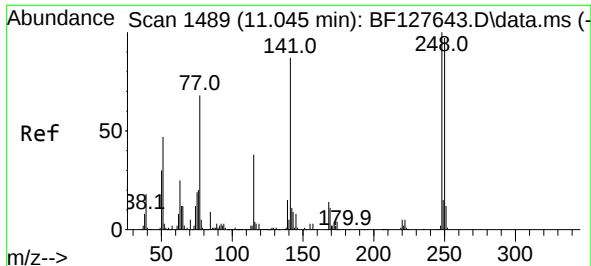
Tgt Ion:165 Resp: 26189
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

Tgt Ion:188 Resp: 398859
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 9.8 8.0 12.0

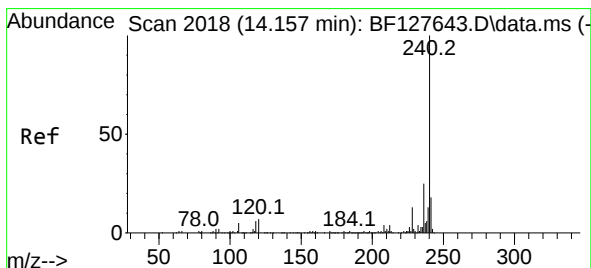
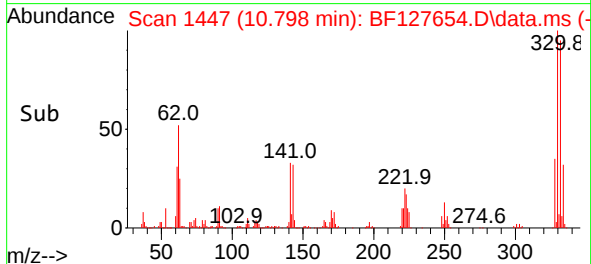
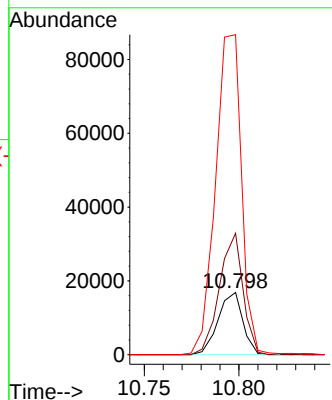
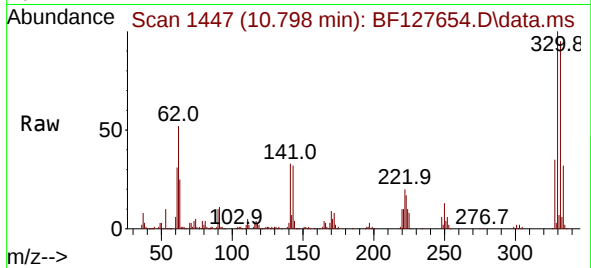




#67
4-Bromophenyl-phenylether
Concen: 3.160 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

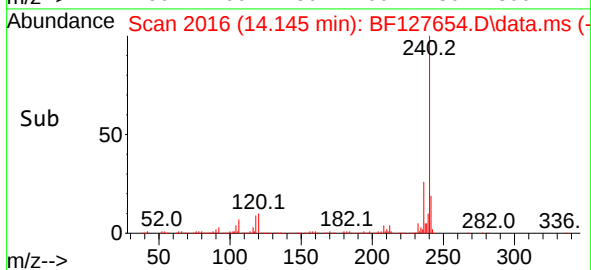
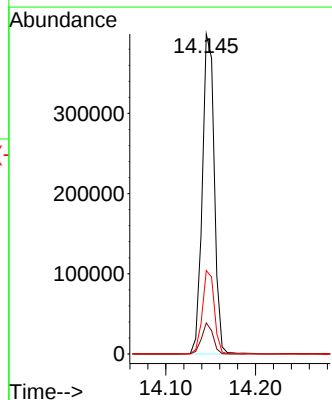
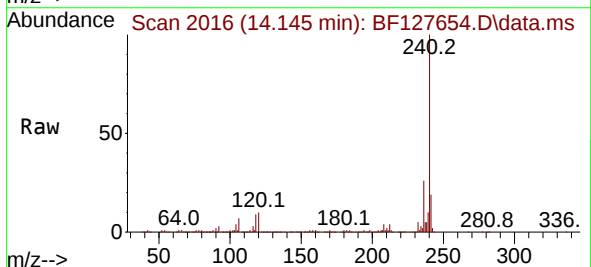
Instrument :
BNA_F
ClientSampleId :
A04015

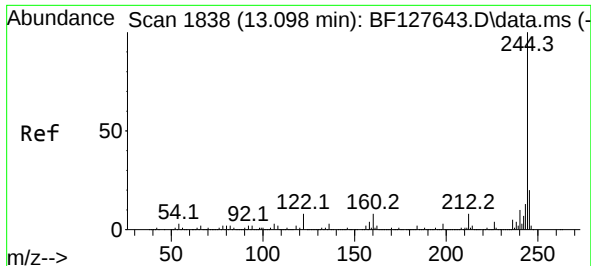
Tgt Ion:248 Resp: 15299
Ion Ratio Lower Upper
248 100
250 195.3 76.6 115.0#
141 514.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127654.D
Acq: 06 Apr 2022 18:12

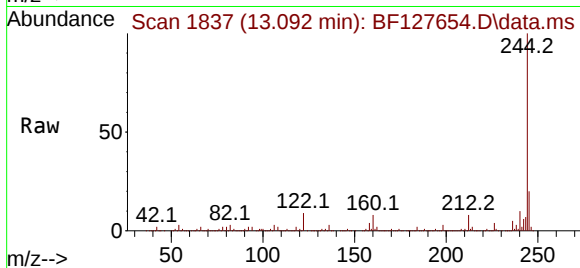
Tgt Ion:240 Resp: 370099
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.0 20.7 31.1



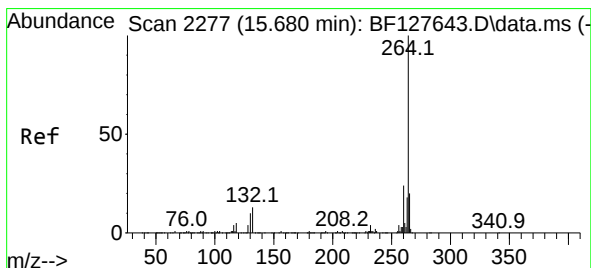
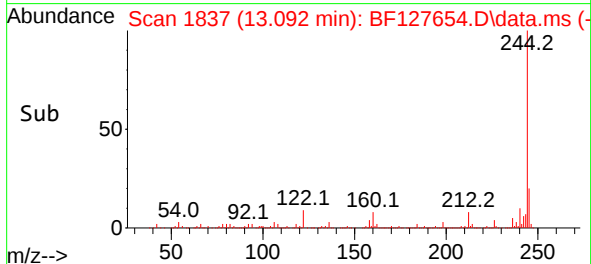
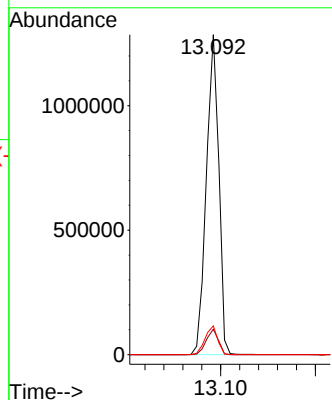


#79
 Terphenyl-d14
 Concen: 51.991 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127654.D
 Acq: 06 Apr 2022 18:12

Instrument :
 BNA_F
 ClientSampleId :
 A04015



Tgt Ion:244 Resp: 1165756
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.0 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127654.D
 Acq: 06 Apr 2022 18:12

Tgt Ion:264 Resp: 315507
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.6 17.4 26.2

