

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127761.D
 Acq On : 12 Apr 2022 16:32
 Operator : CG\JU
 Sample : N2364-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Apr 13 07:24:32 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)

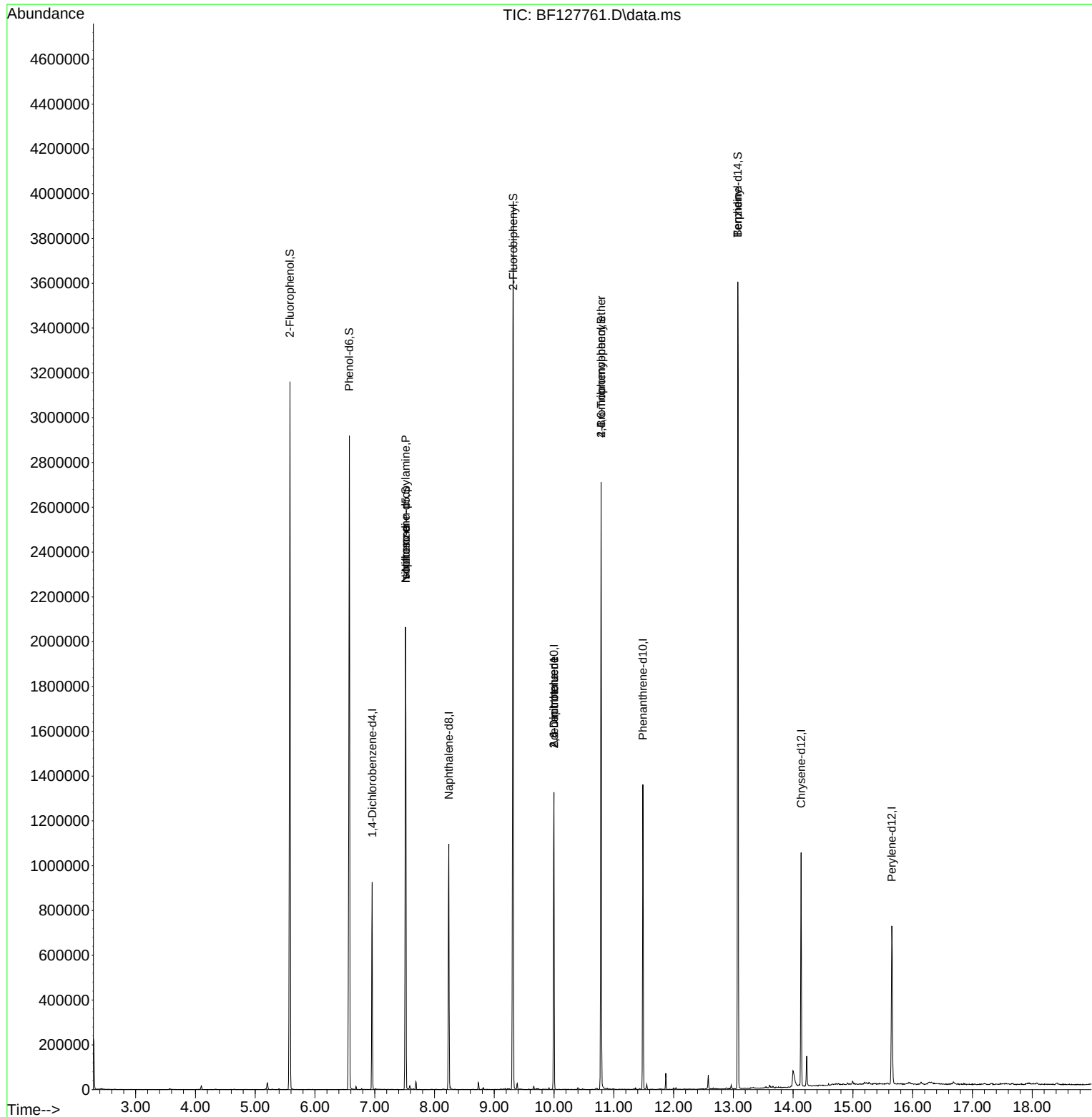
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	123715	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	453727	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	259920	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	468587	20.000	ng	0.00
76) Chrysene-d12	14.133	240	344690	20.000	ng	0.00
86) Perylene-d12	15.651	264	346214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	786218	103.264	ng	0.00
7) Phenol-d6	6.575	99	1003545	100.754	ng	0.00
23) Nitrobenzene-d5	7.516	82	709891	69.751	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	315443	114.046	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1254231	68.264	ng	0.00
79) Terphenyl-d14	13.074	244	1334684	63.913	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	1973	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	95940	14.893	ng	# 76
25) Isophorone	7.516	82	709880	39.973	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	33299	9.376	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	33299	7.563	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	19782	3.478	ng	# 1
77) Benizidine	13.074	184	18849	2.095	ng	# 91

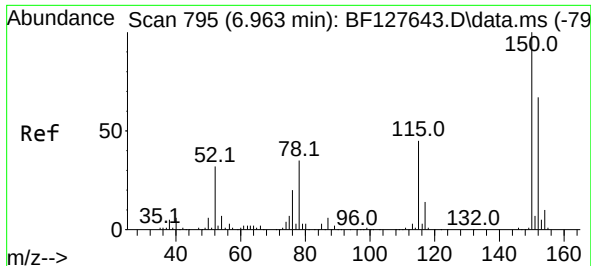
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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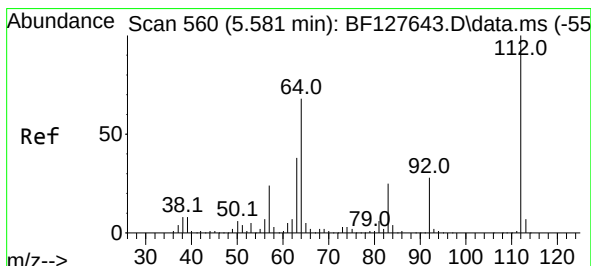
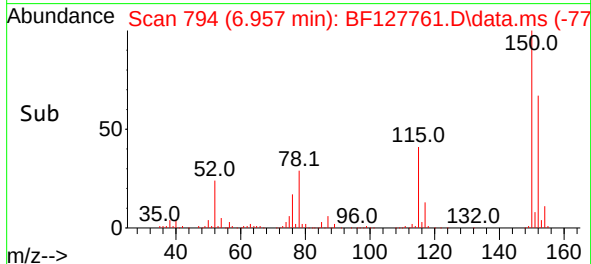
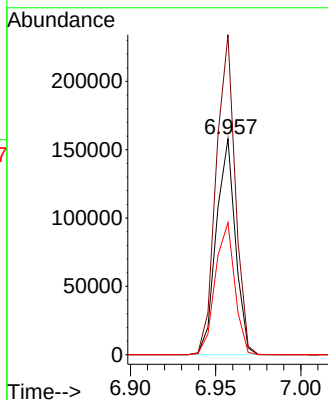
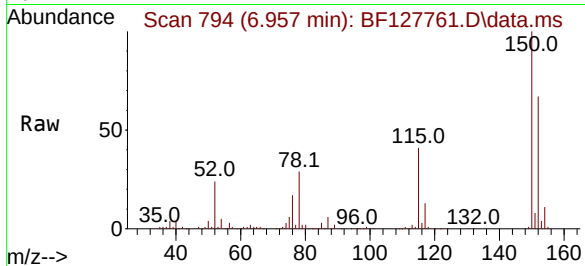




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

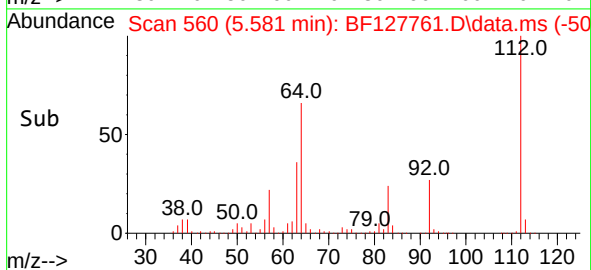
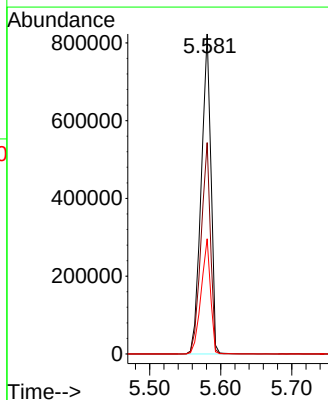
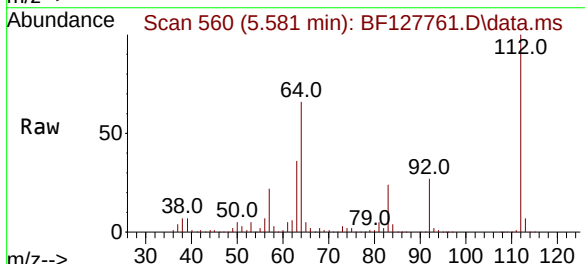
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

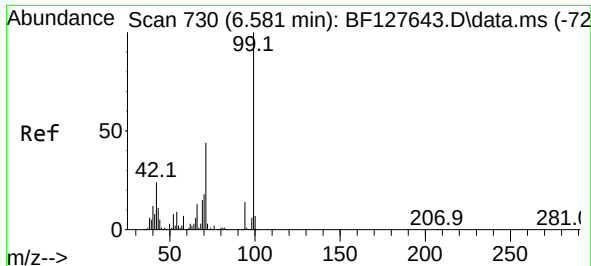
Tgt Ion:152 Resp: 123715
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 103.264 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion:112 Resp: 786218
Ion Ratio Lower Upper
112 100
64 66.0 58.4 87.6
63 36.0 30.1 45.1

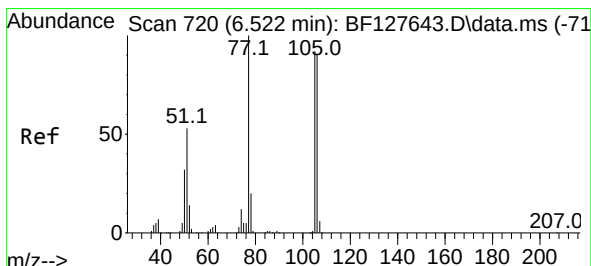
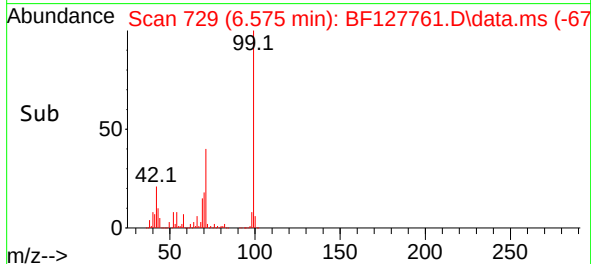
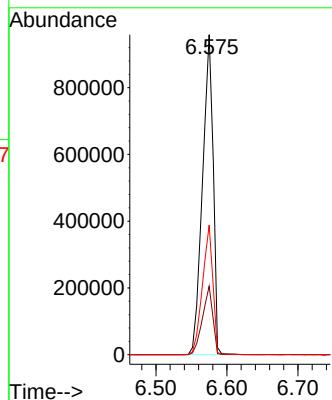
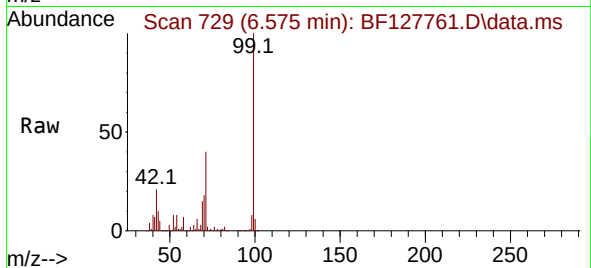




#7
Phenol-d6
Concen: 100.754 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

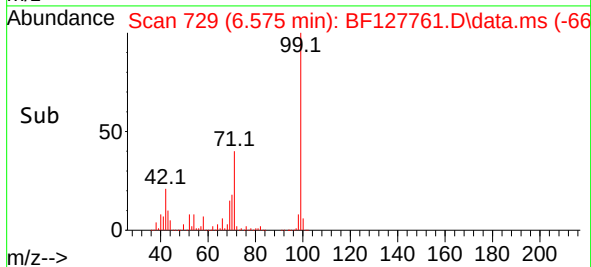
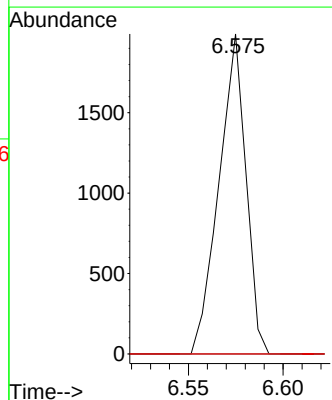
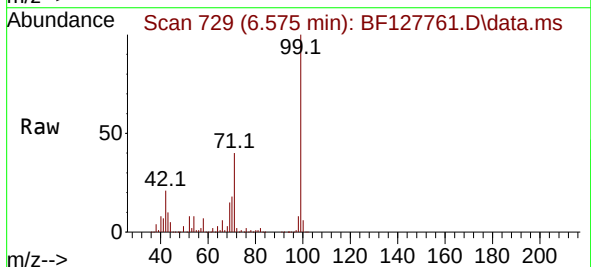
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

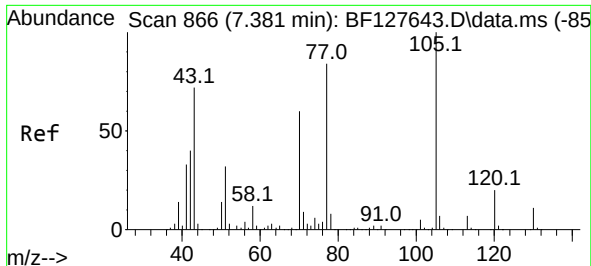
Tgt Ion: 99 Resp: 1003545
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 40.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion: 77 Resp: 1973
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

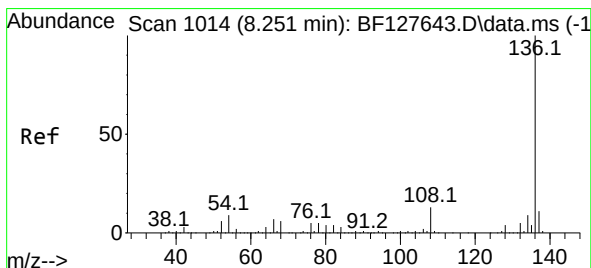
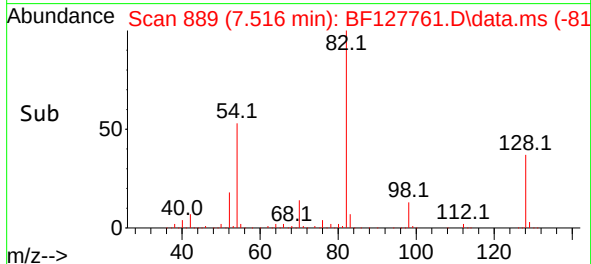
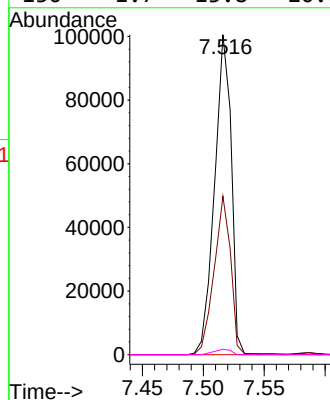
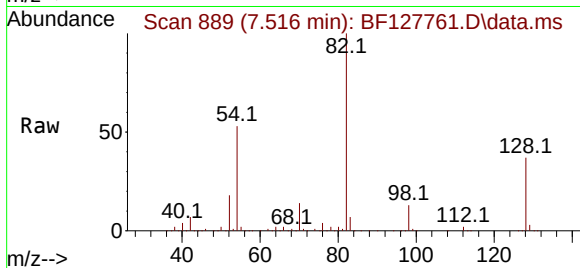




#19
n-Nitroso-di-n-propylamine
Concen: 14.893 ng
RT: 7.516 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

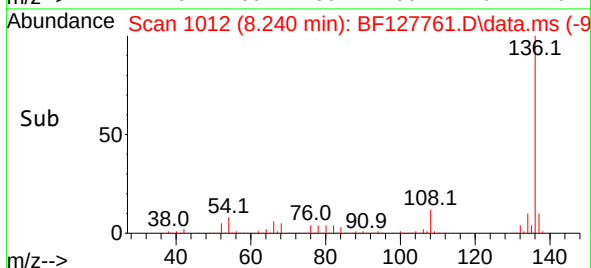
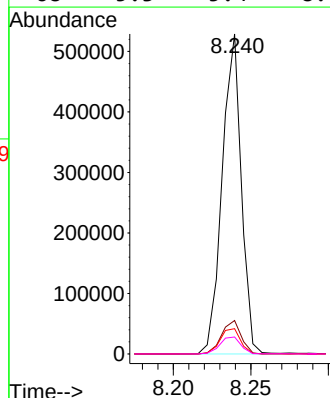
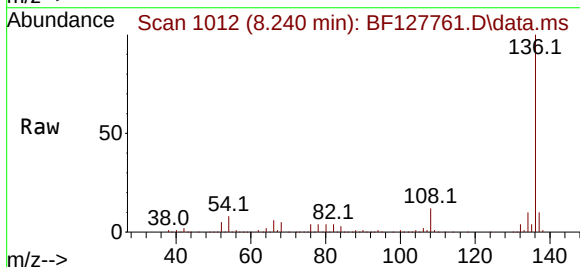
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

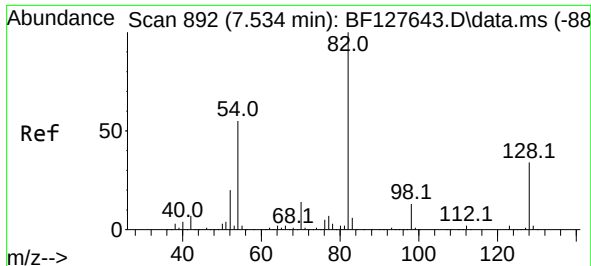
Tgt Ion: 70 Resp: 95940
Ion Ratio Lower Upper
70 100
42 49.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion:136 Resp: 453727
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.9 9.2 13.8#
68 5.3 5.4 8.0#





#23

Nitrobenzene-d5

Concen: 69.751 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127761.D

Acq: 12 Apr 2022 16:32

Instrument :

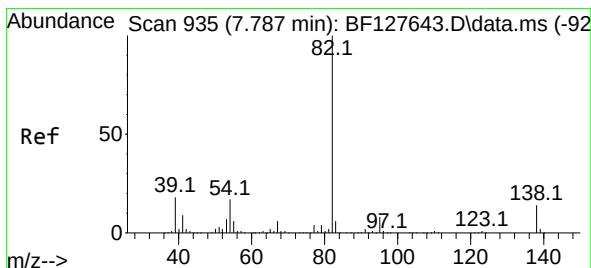
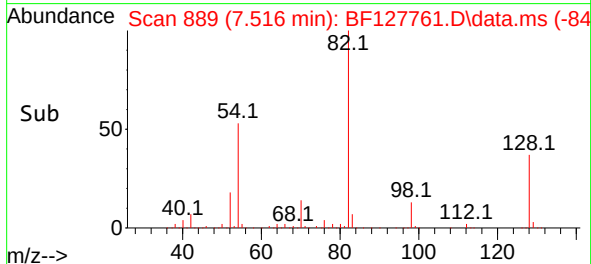
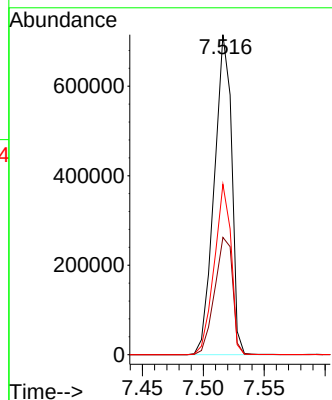
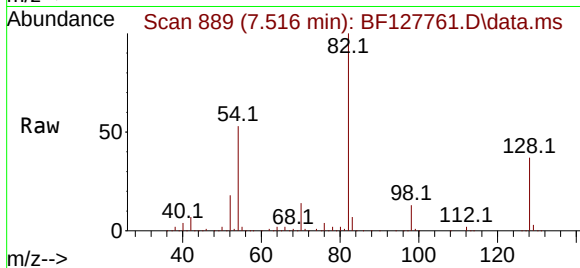
BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion: 82 Resp: 709891

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.6	45.8
54	53.3	48.2	72.2



#25

Isophorone

Concen: 39.973 ng

RT: 7.516 min Scan# 889

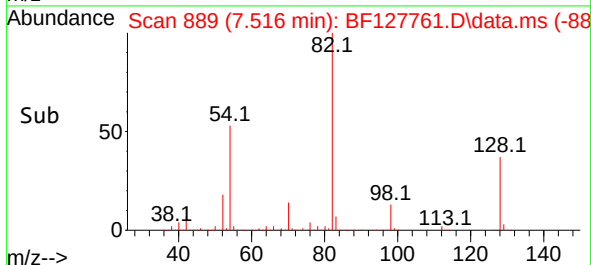
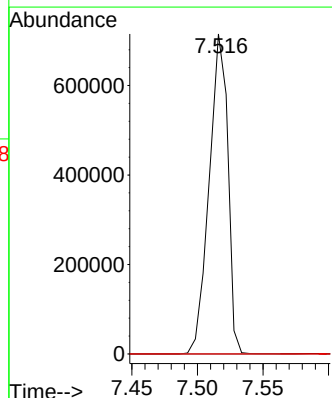
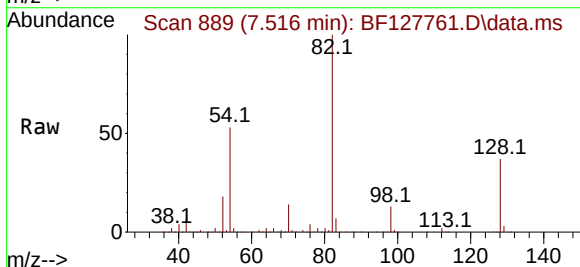
Delta R.T. -0.265 min

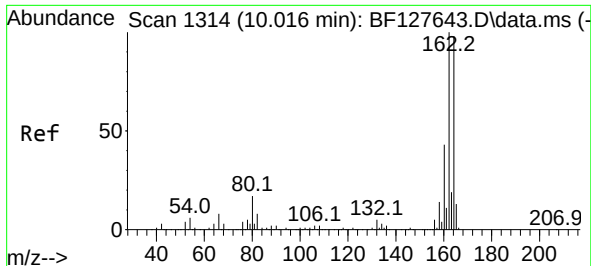
Lab File: BF127761.D

Acq: 12 Apr 2022 16:32

Tgt Ion: 82 Resp: 709880

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

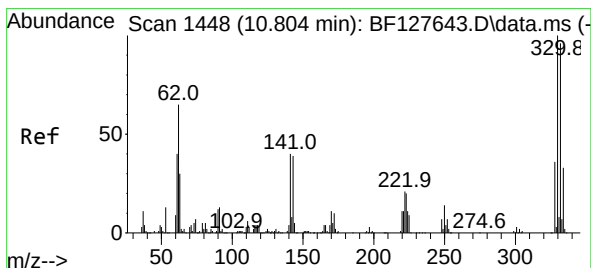
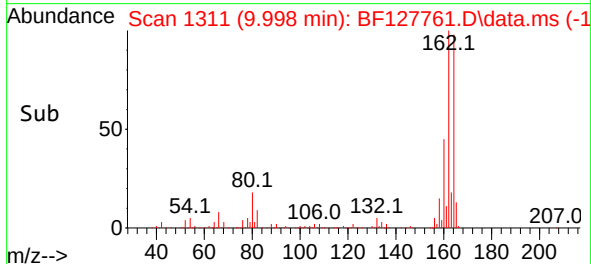
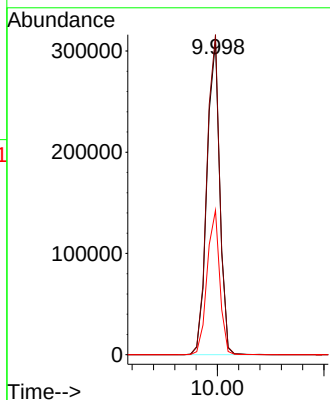
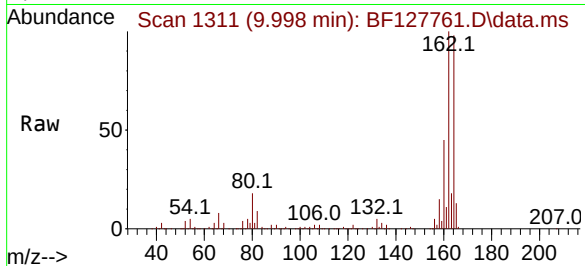




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127761.D
 Acq: 12 Apr 2022 16:32

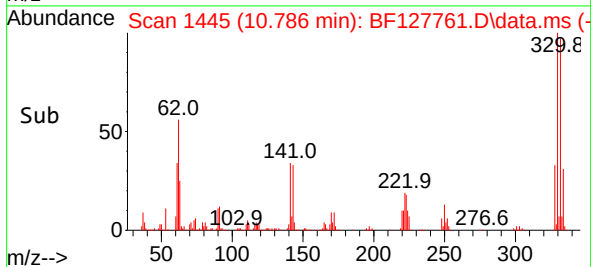
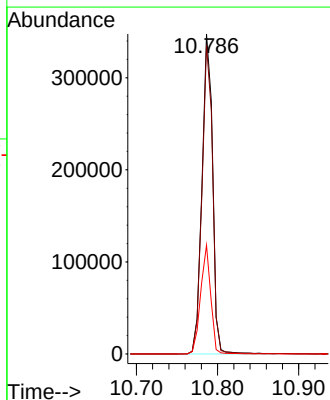
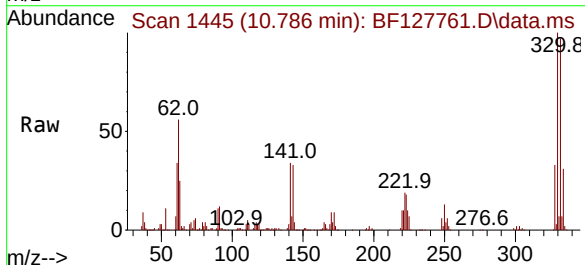
Instrument :
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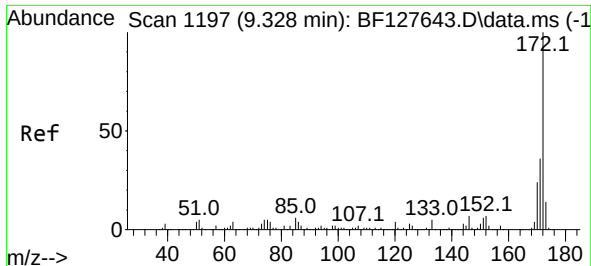
Tgt Ion:164 Resp: 259920
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.2 121.8
 160 46.0 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 114.046 ng
 RT: 10.786 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF127761.D
 Acq: 12 Apr 2022 16:32

Tgt Ion:330 Resp: 315443
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.1 118.7
 141 32.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 68.264 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127761.D

Acq: 12 Apr 2022 16:32

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

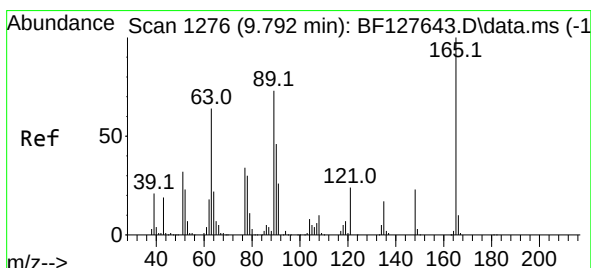
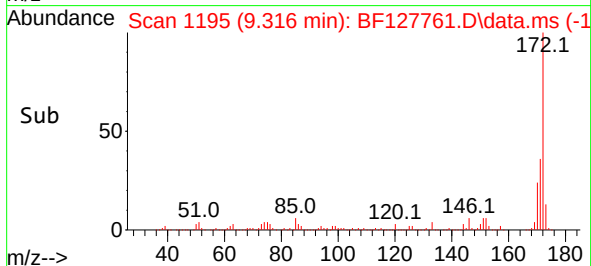
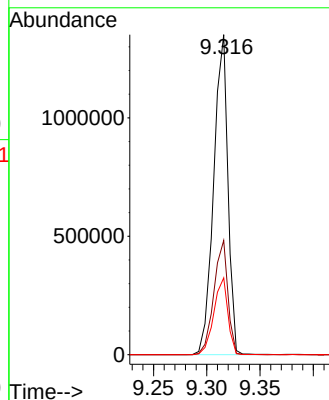
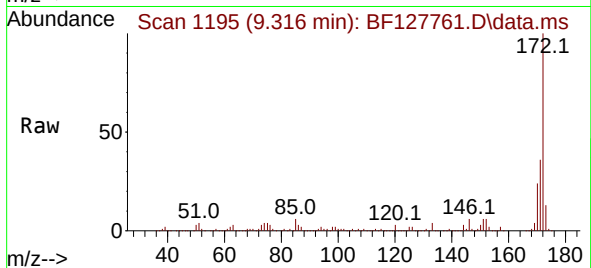
Tgt Ion:172 Resp: 1254231

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.376 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127761.D

Acq: 12 Apr 2022 16:32

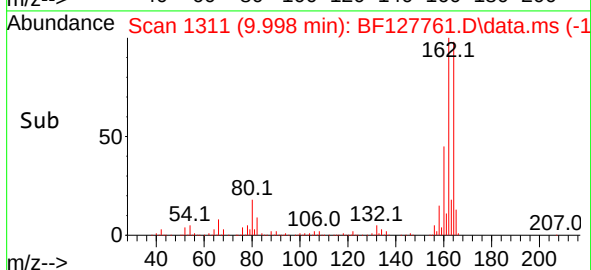
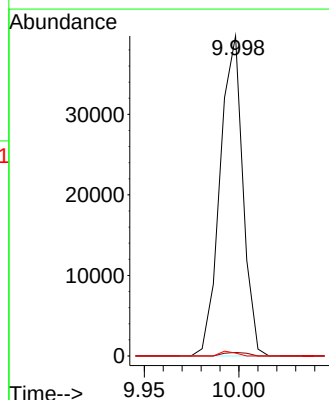
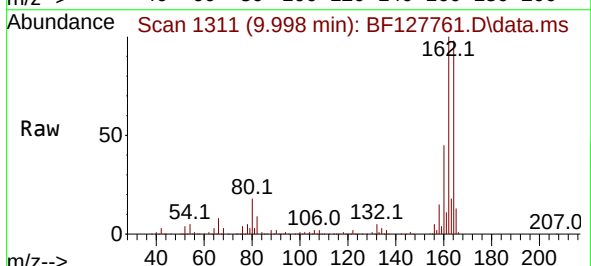
Tgt Ion:165 Resp: 33299

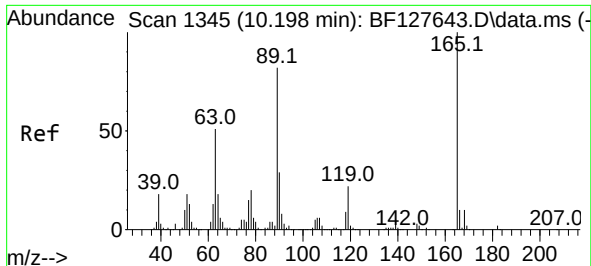
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 0.9 51.5 77.3#

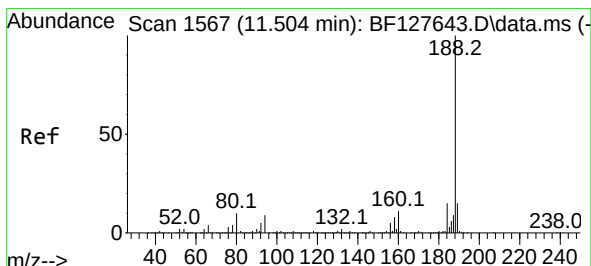
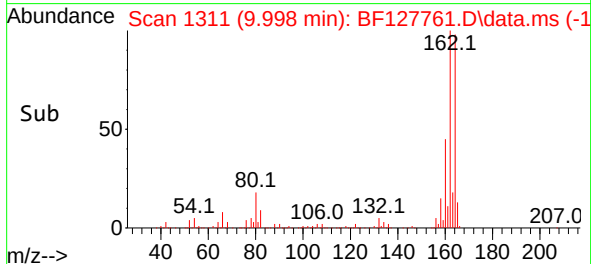
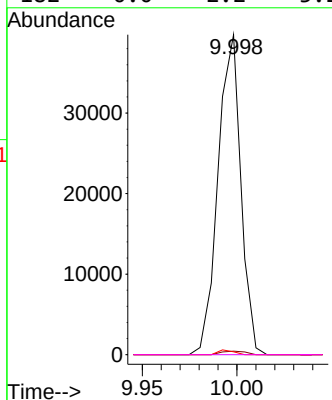
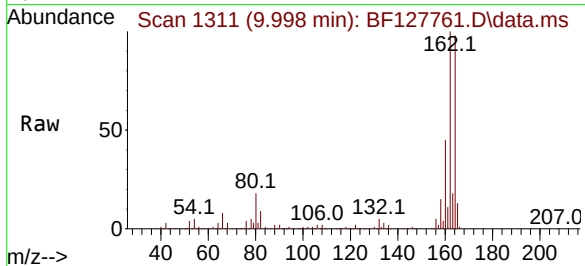




#57
2,4-Dinitrotoluene
Concen: 7.563 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

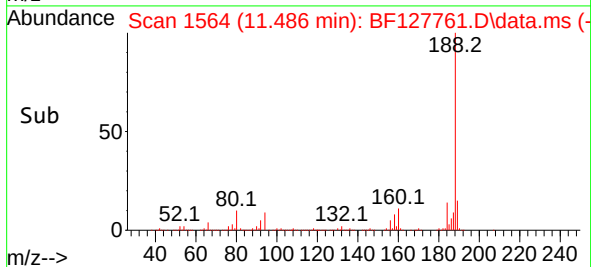
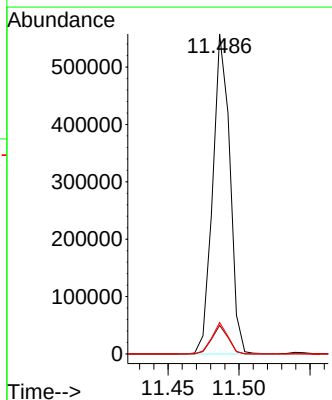
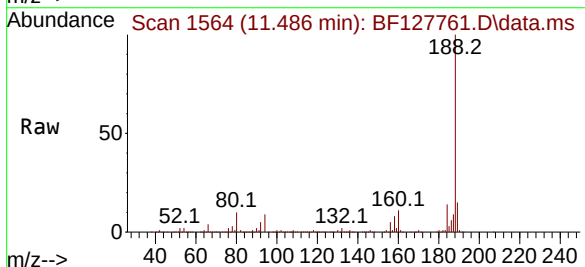
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

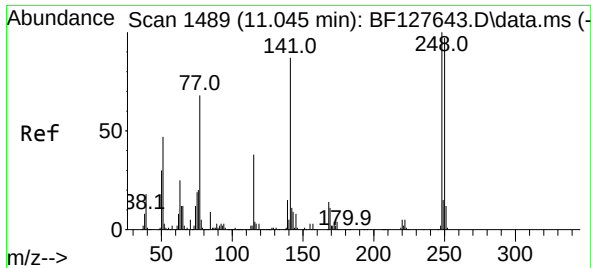
Tgt Ion:165 Resp: 33299
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion:188 Resp: 468587
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.8 8.0 12.0

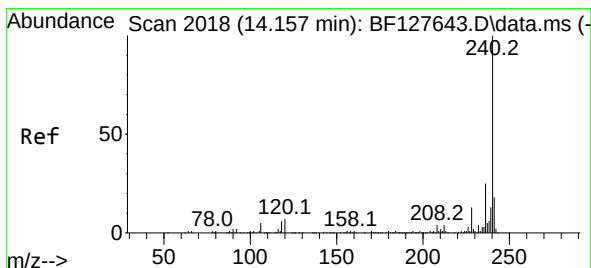
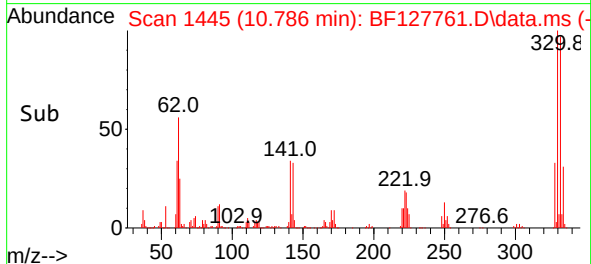
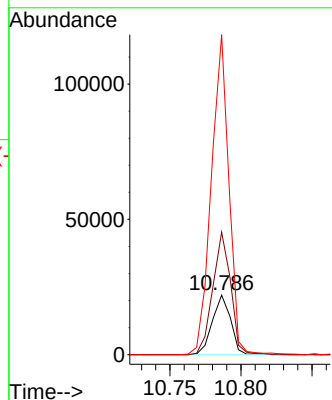
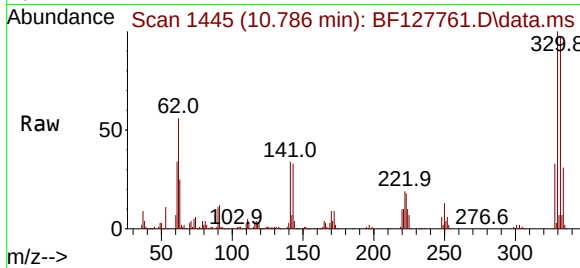




#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

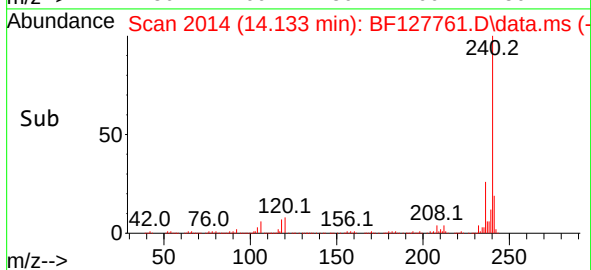
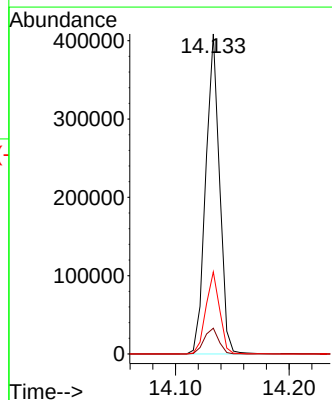
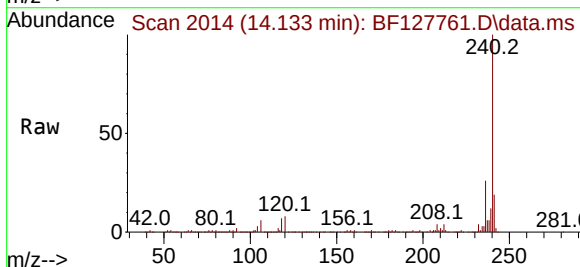
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

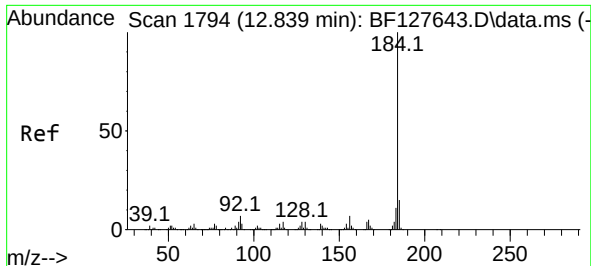
Tgt Ion:248 Resp: 19782
Ion Ratio Lower Upper
248 100
250 205.8 76.6 115.0#
141 537.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion:240 Resp: 344690
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.6 20.7 31.1

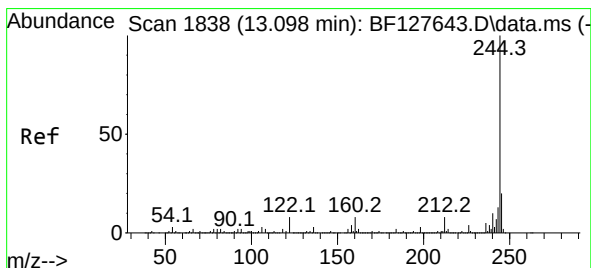
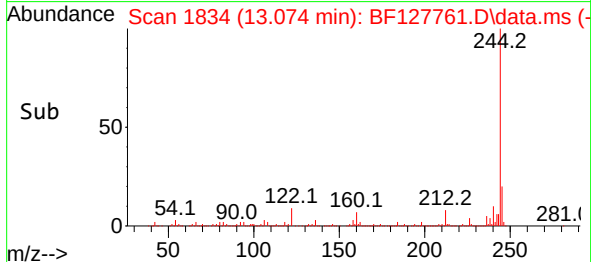
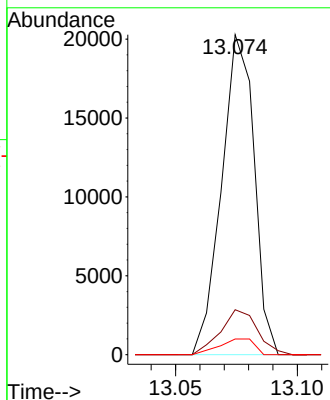
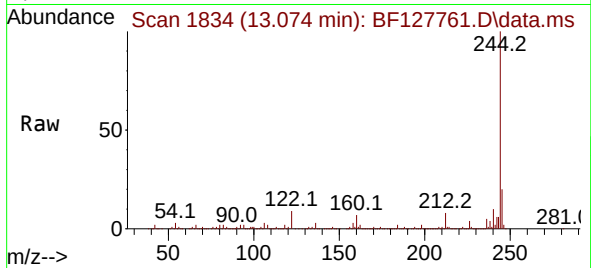




#77
Benzidine
Concen: 2.095 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

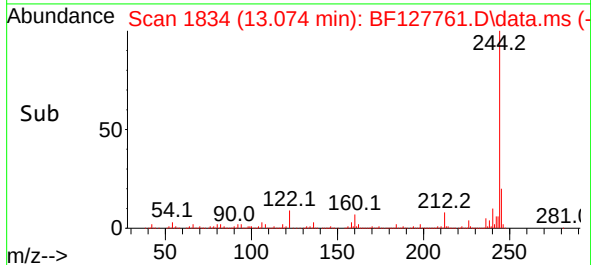
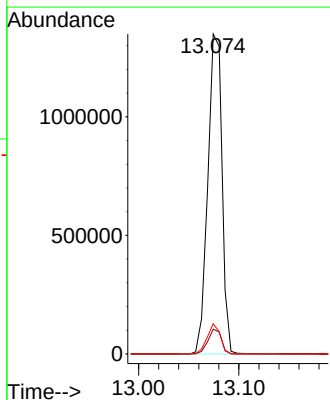
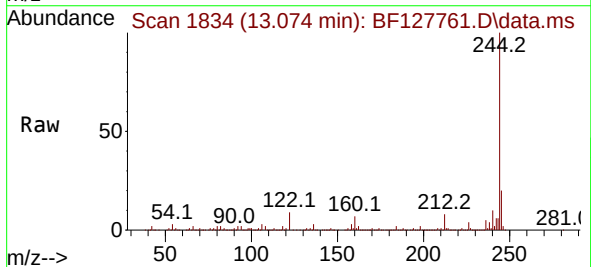
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

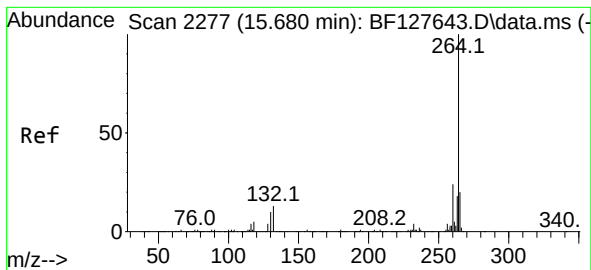
Tgt Ion:184 Resp: 18849
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 4.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.913 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127761.D
Acq: 12 Apr 2022 16:32

Tgt Ion:244 Resp: 1334684
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.4 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127761.D

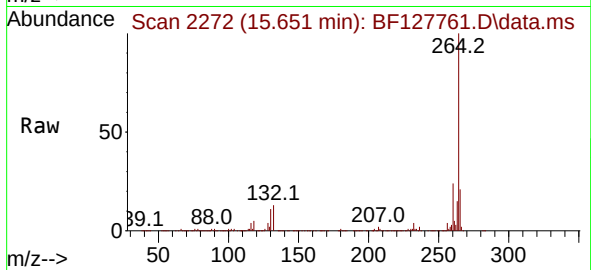
Acq: 12 Apr 2022 16:32

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP



Tgt Ion:264 Resp: 346214

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.3 17.4 26.2

