

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127764.D
 Acq On : 12 Apr 2022 18:01
 Operator : CG\JU
 Sample : N2334-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INTERCEPTOR-TRENCH

Quant Time: Apr 13 07:24:56 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)

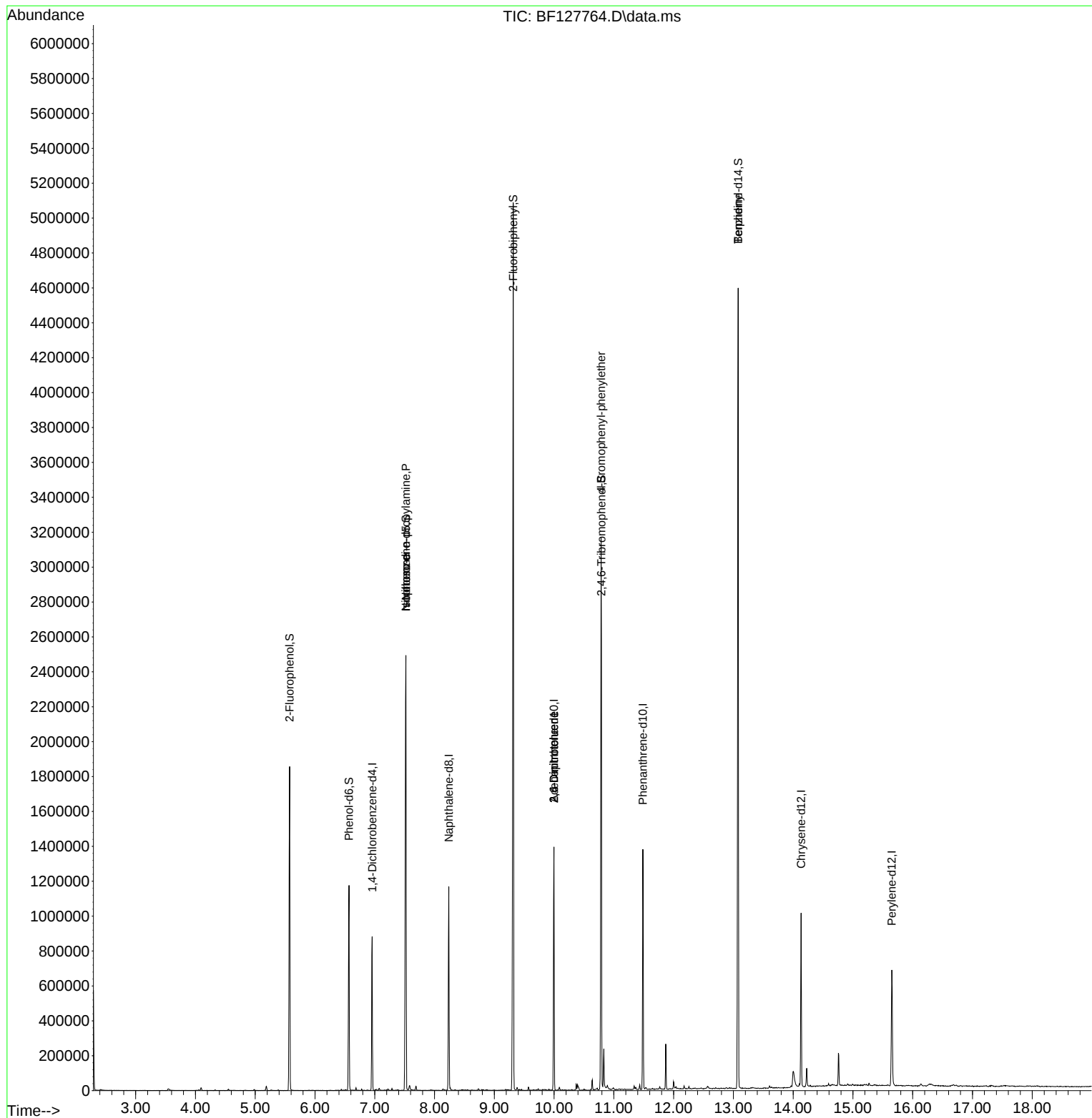
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	125515	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	459711	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	268978	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	481464	20.000	ng	0.00
76) Chrysene-d12	14.133	240	325378	20.000	ng	0.00
86) Perylene-d12	15.651	264	320956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	440928	57.082	ng	0.00
7) Phenol-d6	6.569	99	339590	33.605	ng	-0.01
23) Nitrobenzene-d5	7.522	82	896302	86.920	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	392732	137.207	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1560331	82.064	ng	0.00
79) Terphenyl-d14	13.080	244	1659083	84.163	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	655	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	121726	18.624	ng	# 75
25) Isophorone	7.522	82	895556	49.772	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	35255	9.593	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	35255	7.738	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	25061	4.289	ng	# 1
77) Benizidine	13.080	184	23156	2.727	ng	# 91

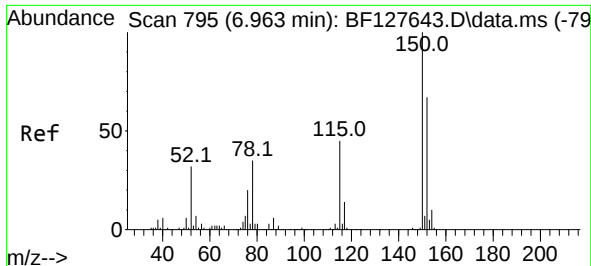
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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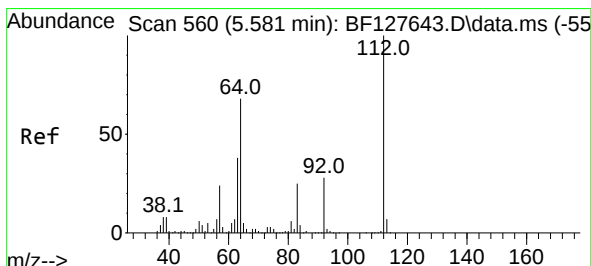
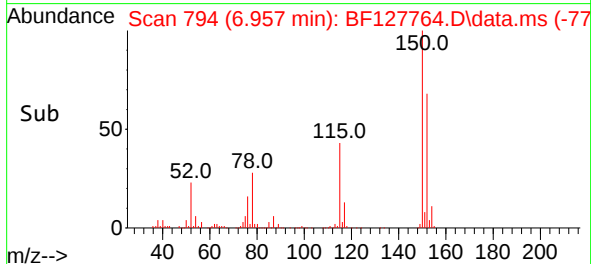
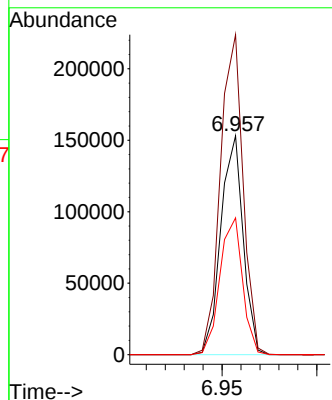
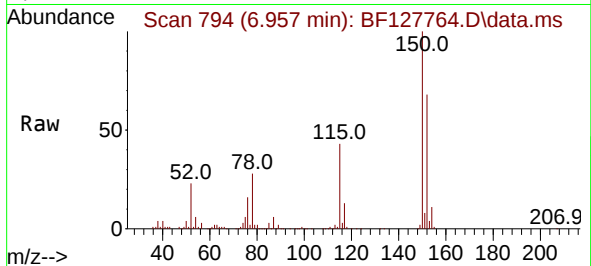




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

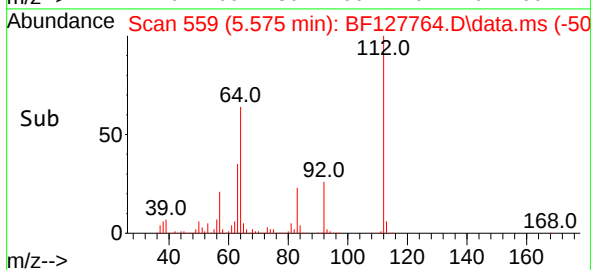
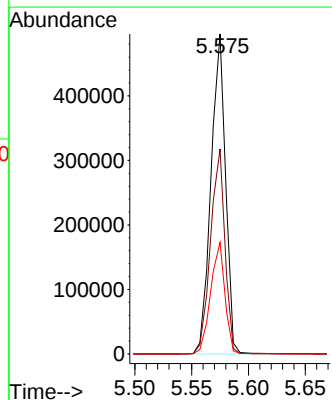
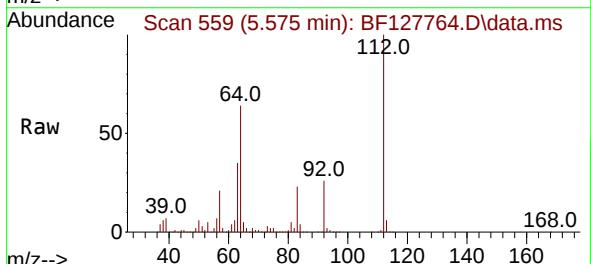
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

Tgt Ion:152 Resp: 125515
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 62.5 49.8 74.6



#5
2-Fluorophenol
Concen: 57.082 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion:112 Resp: 440928
Ion Ratio Lower Upper
112 100
64 64.1 58.4 87.6
63 34.9 30.1 45.1

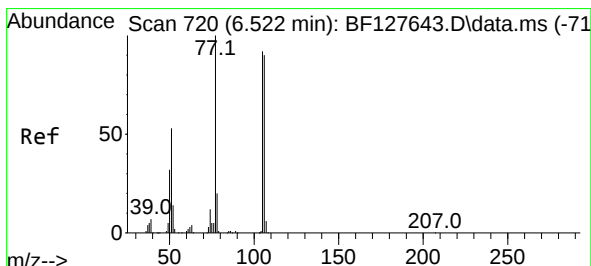
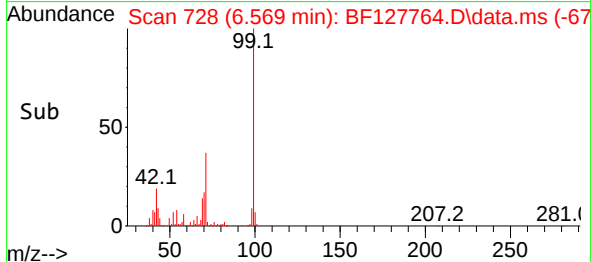
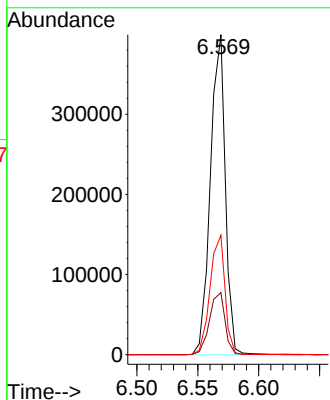
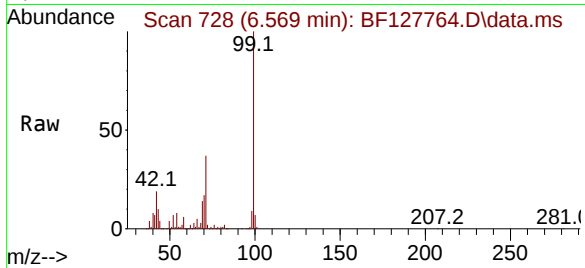




#7
Phenol-d6
Concen: 33.605 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

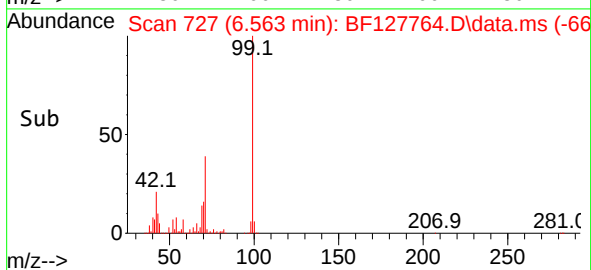
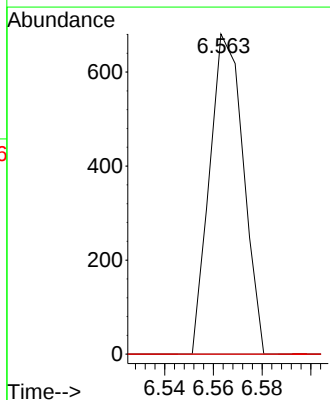
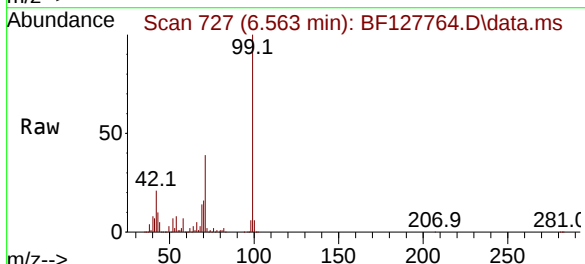
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

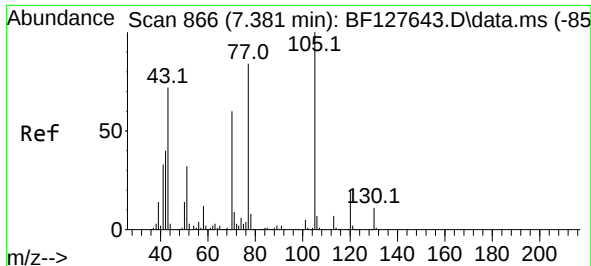
Tgt Ion: 99 Resp: 339590
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 37.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.563 min Scan# 727
Delta R.T. 0.047 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion: 77 Resp: 655
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

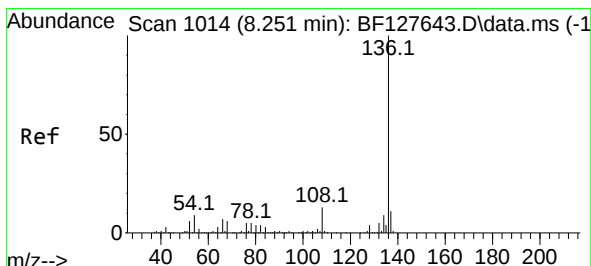
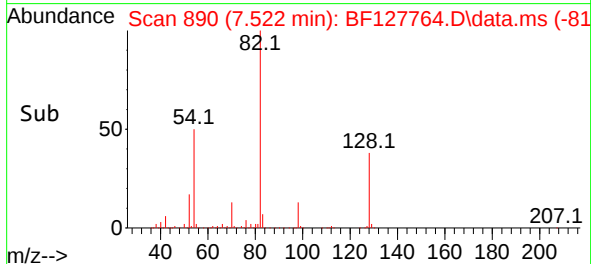
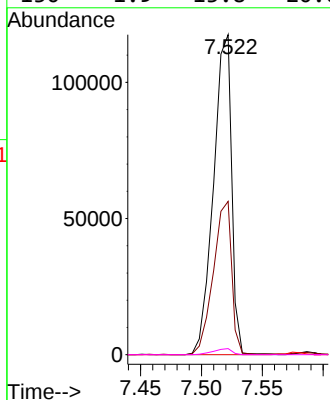
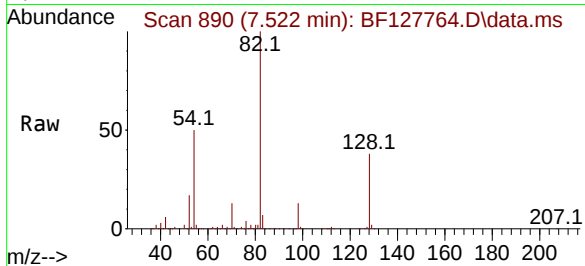




#19
n-Nitroso-di-n-propylamine
Concen: 18.624 ng
RT: 7.522 min Scan# 89
Delta R.T. 0.153 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

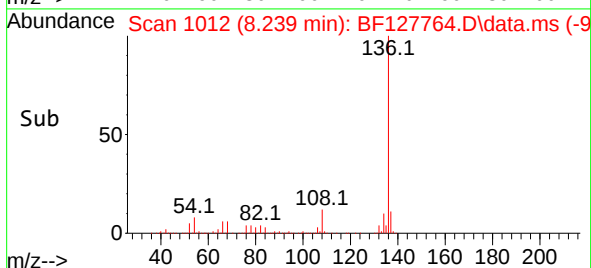
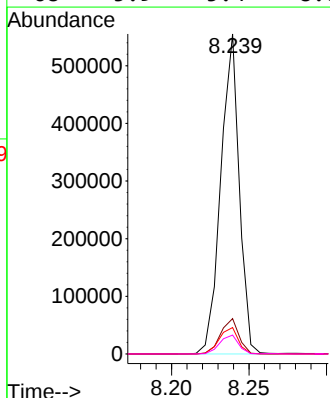
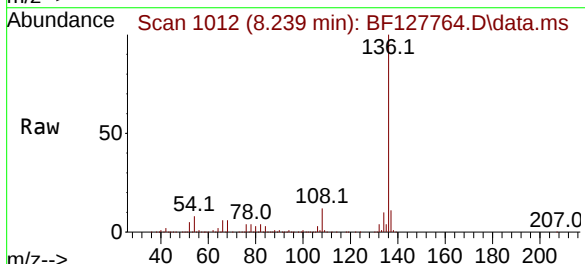
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

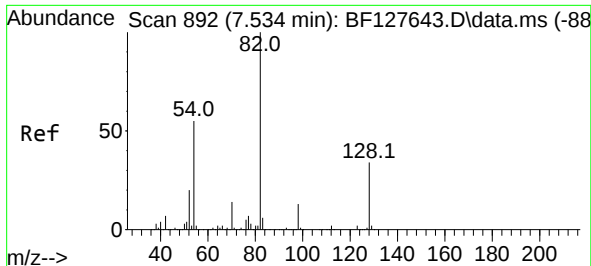
Tgt Ion: 70 Resp: 121726
Ion Ratio Lower Upper
70 100
42 47.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion: 136 Resp: 459711
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 9.2 13.8#
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.920 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127764.D

Acq: 12 Apr 2022 18:01

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH

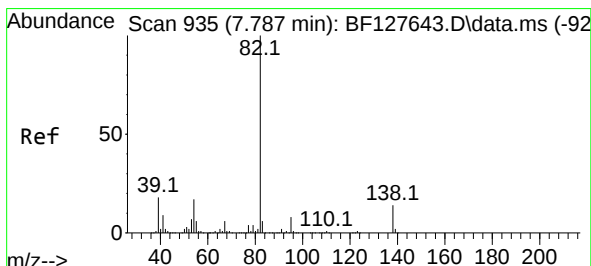
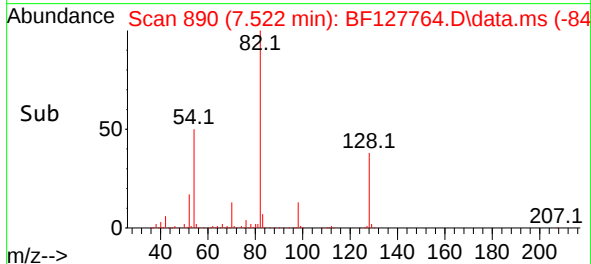
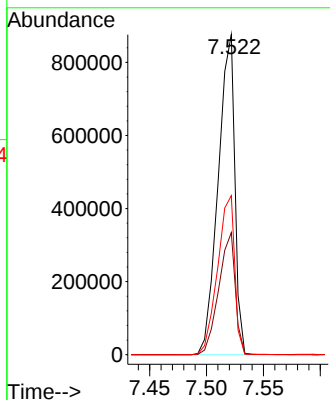
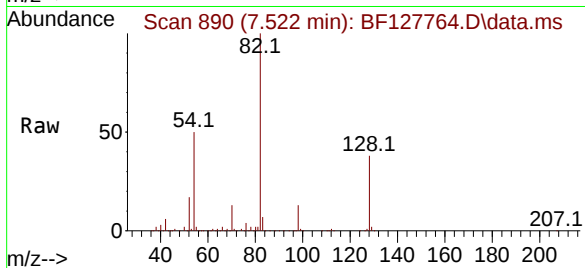
Tgt Ion: 82 Resp: 896302

Ion Ratio Lower Upper

82 100

128 38.2 30.6 45.8

54 49.7 48.2 72.2



#25

Isophorone

Concen: 49.772 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF127764.D

Acq: 12 Apr 2022 18:01

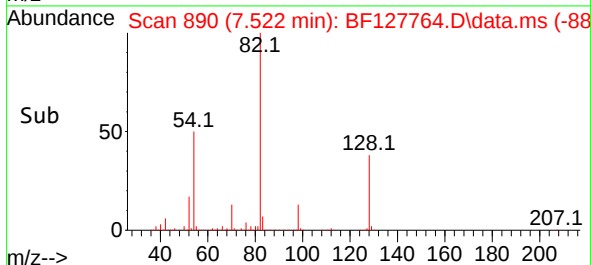
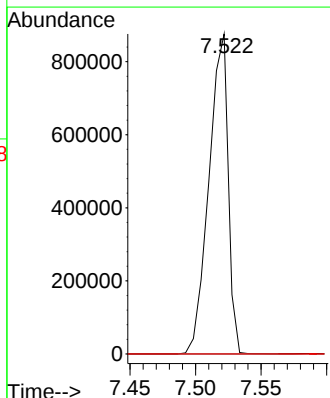
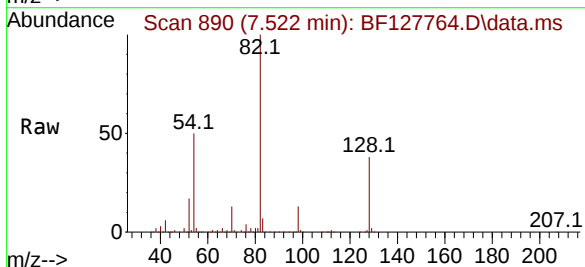
Tgt Ion: 82 Resp: 895556

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

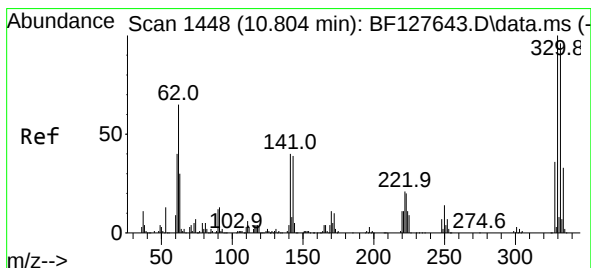
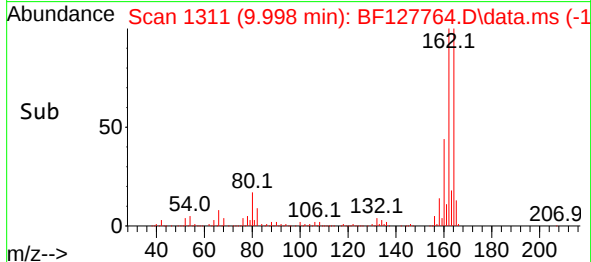
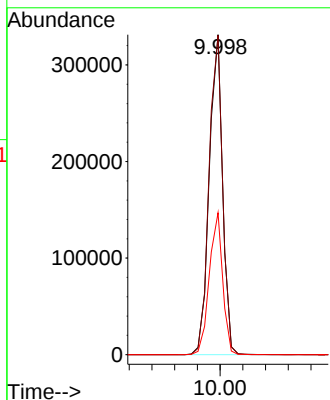
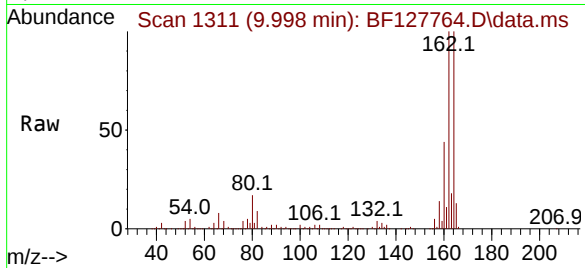




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

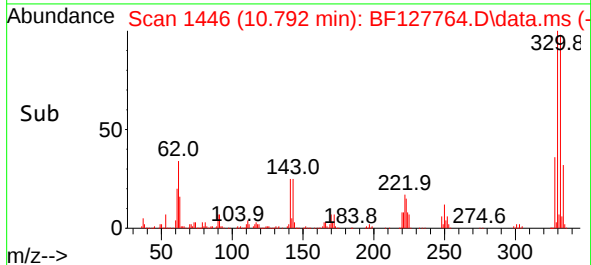
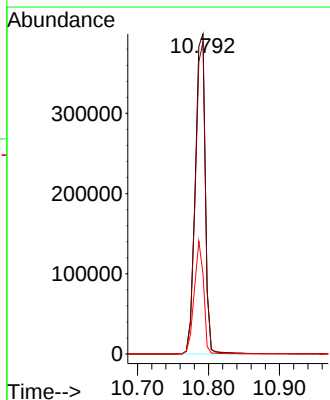
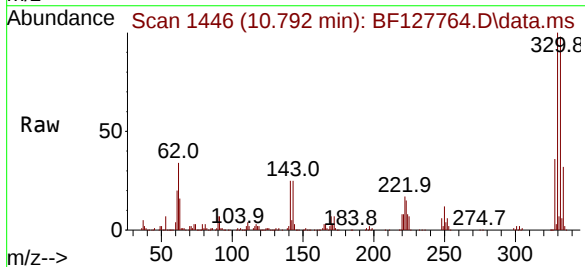
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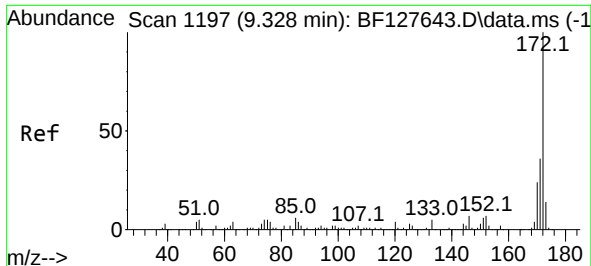
Tgt Ion:164 Resp: 268978
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 137.207 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion:330 Resp: 392732
Ion Ratio Lower Upper
330 100
332 96.8 79.1 118.7
141 33.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 82.064 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127764.D

Acq: 12 Apr 2022 18:01

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH

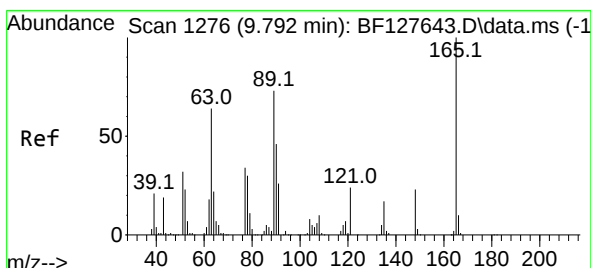
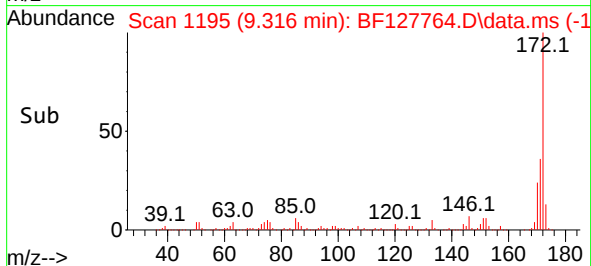
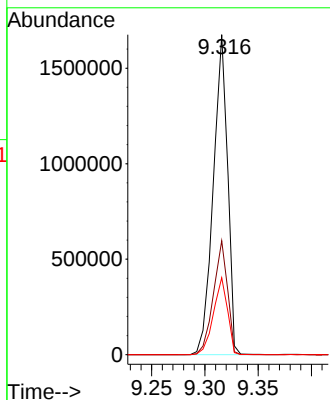
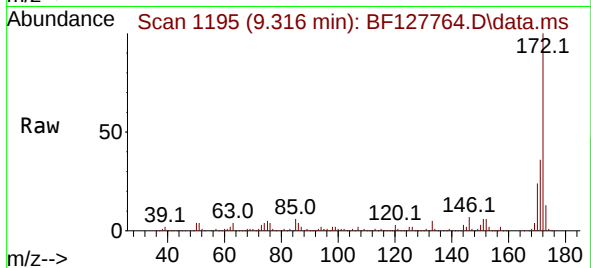
Tgt Ion:172 Resp: 1560331

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.593 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127764.D

Acq: 12 Apr 2022 18:01

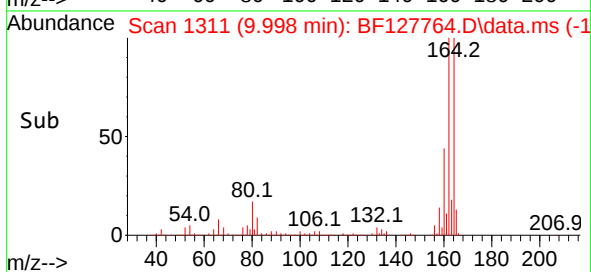
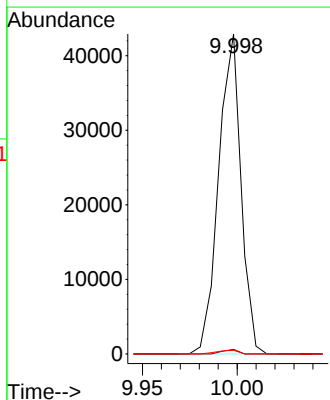
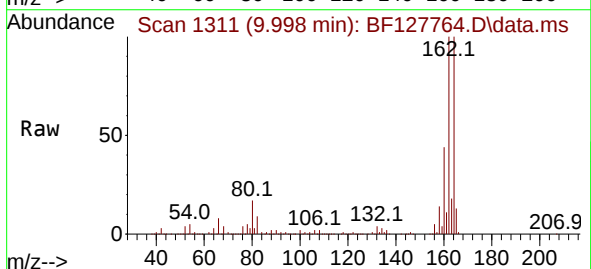
Tgt Ion:165 Resp: 35255

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.1 51.5 77.3#

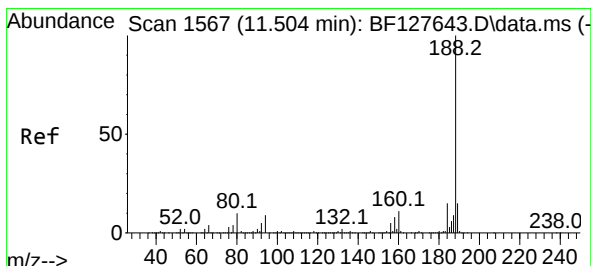
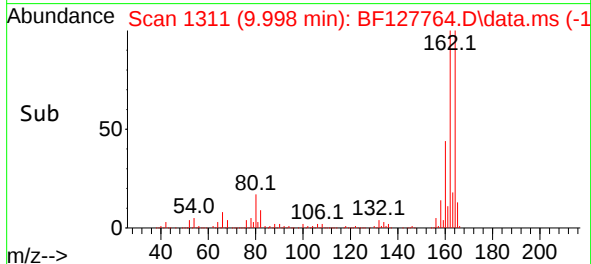
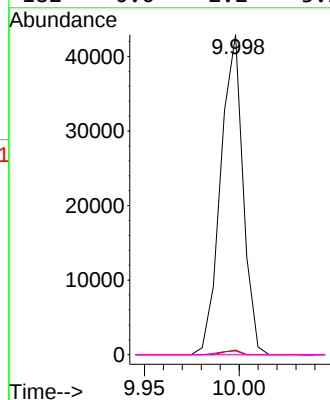
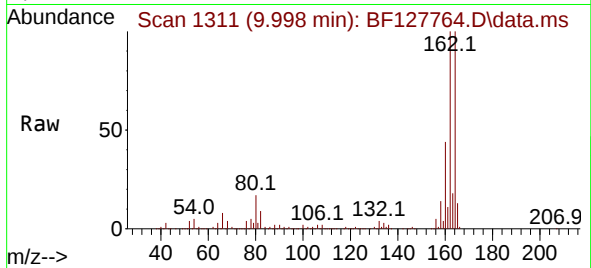




#57
2,4-Dinitrotoluene
Concen: 7.738 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

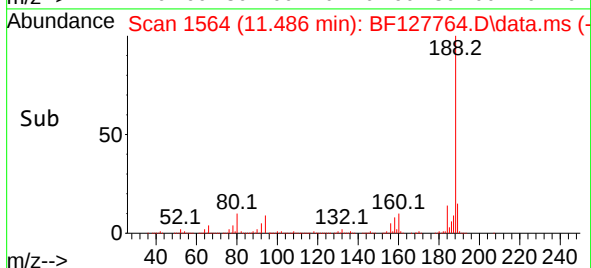
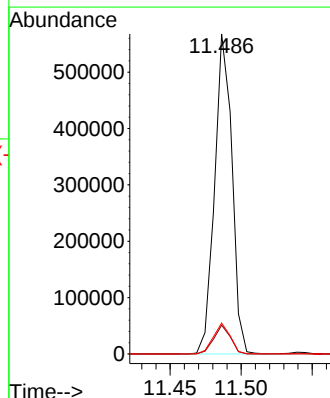
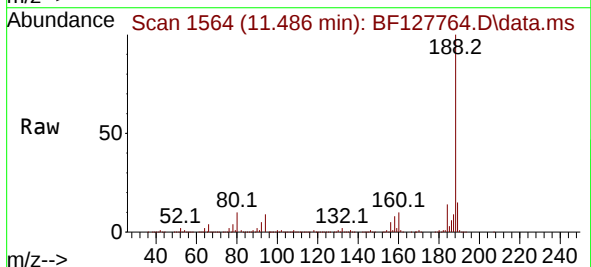
Instrument :
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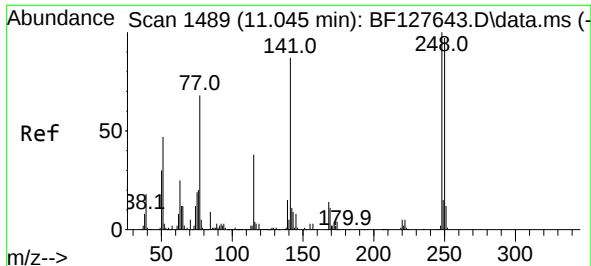
Tgt Ion:165 Resp: 35255
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion:188 Resp: 481464
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.6 8.0 12.0

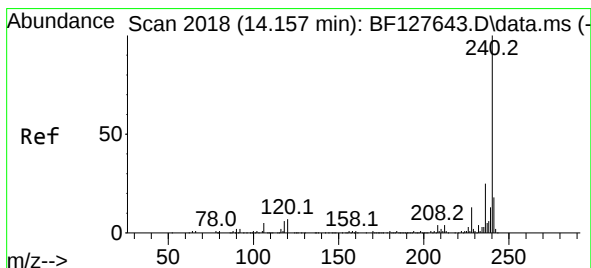
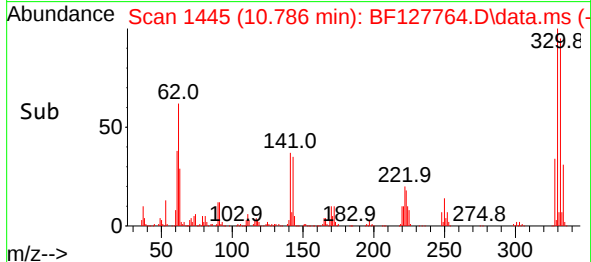
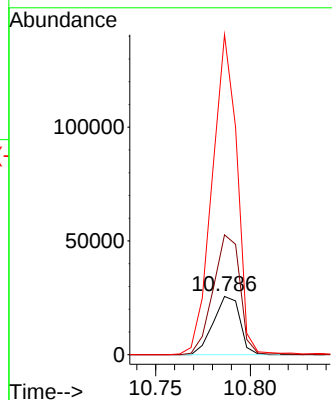
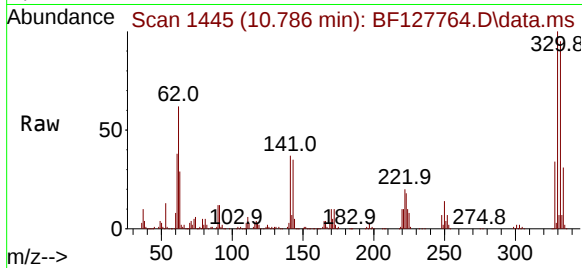




#67
4-Bromophenyl-phenylether
Concen: 4.289 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

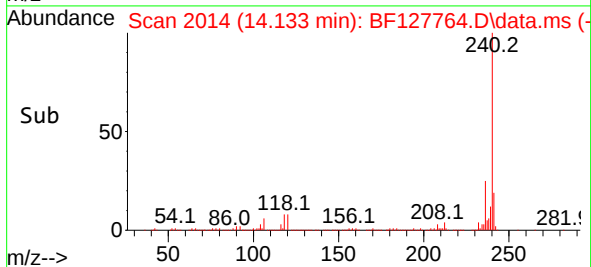
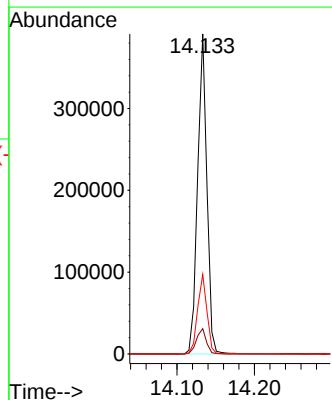
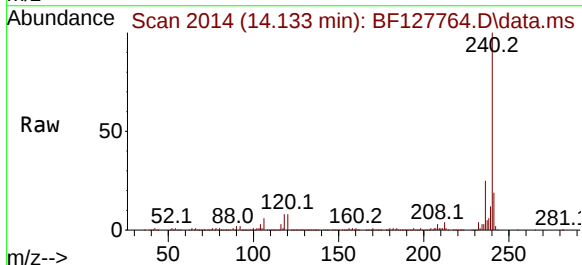
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

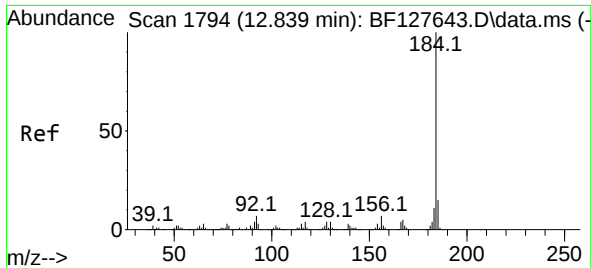
Tgt Ion:248 Resp: 25061
Ion Ratio Lower Upper
248 100
250 205.4 76.6 115.0#
141 548.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion:240 Resp: 325378
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 24.9 20.7 31.1

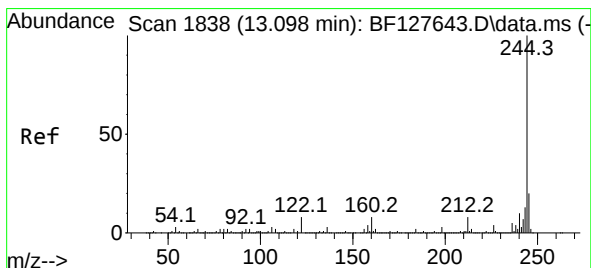
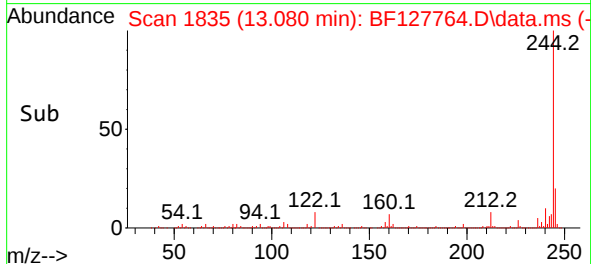
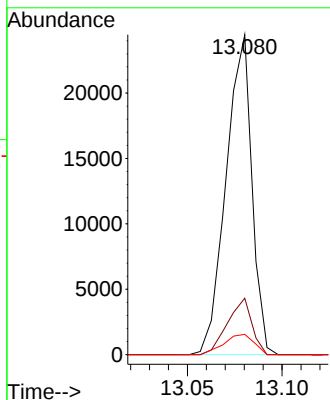
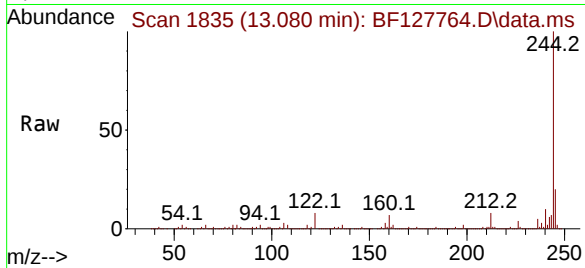




#77
Benzidine
Concen: 2.727 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

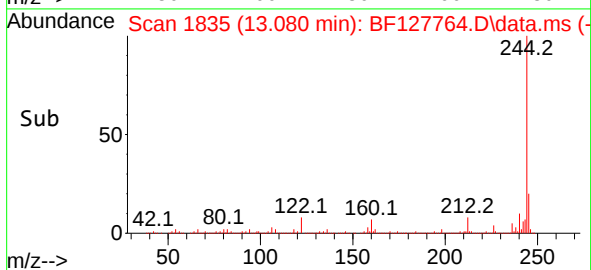
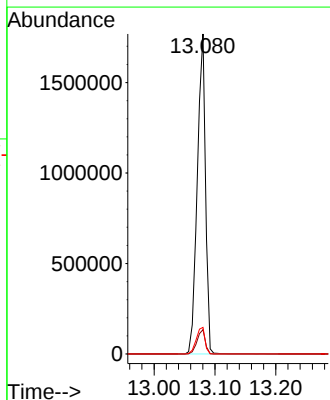
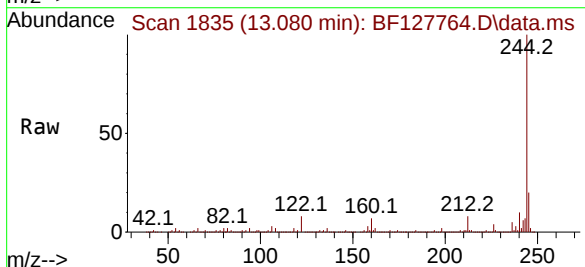
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

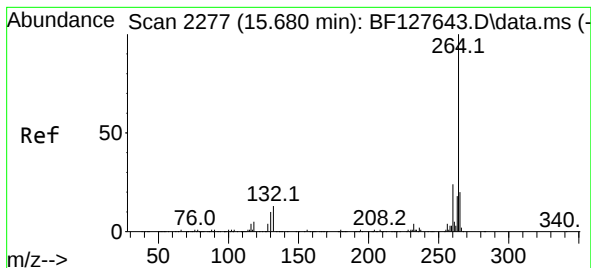
Tgt Ion:184 Resp: 23156
Ion Ratio Lower Upper
184 100
185 17.7 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 84.163 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127764.D
Acq: 12 Apr 2022 18:01

Tgt Ion:244 Resp: 1659083
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.3 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: BF127764.D

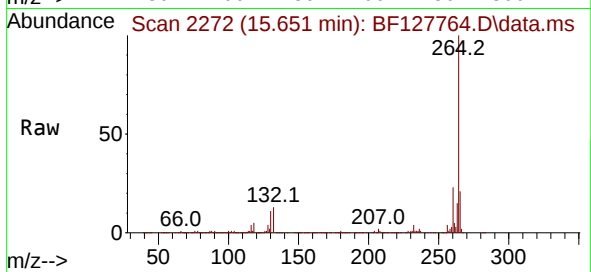
Acq: 12 Apr 2022 18:01

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH



Tgt Ion:264 Resp: 320956

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.0 17.4 26.2

