

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127766.D
 Acq On : 12 Apr 2022 19:00
 Operator : CG\JU
 Sample : N2340-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-14.5-15.0

Quant Time: Apr 13 07:25:12 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)

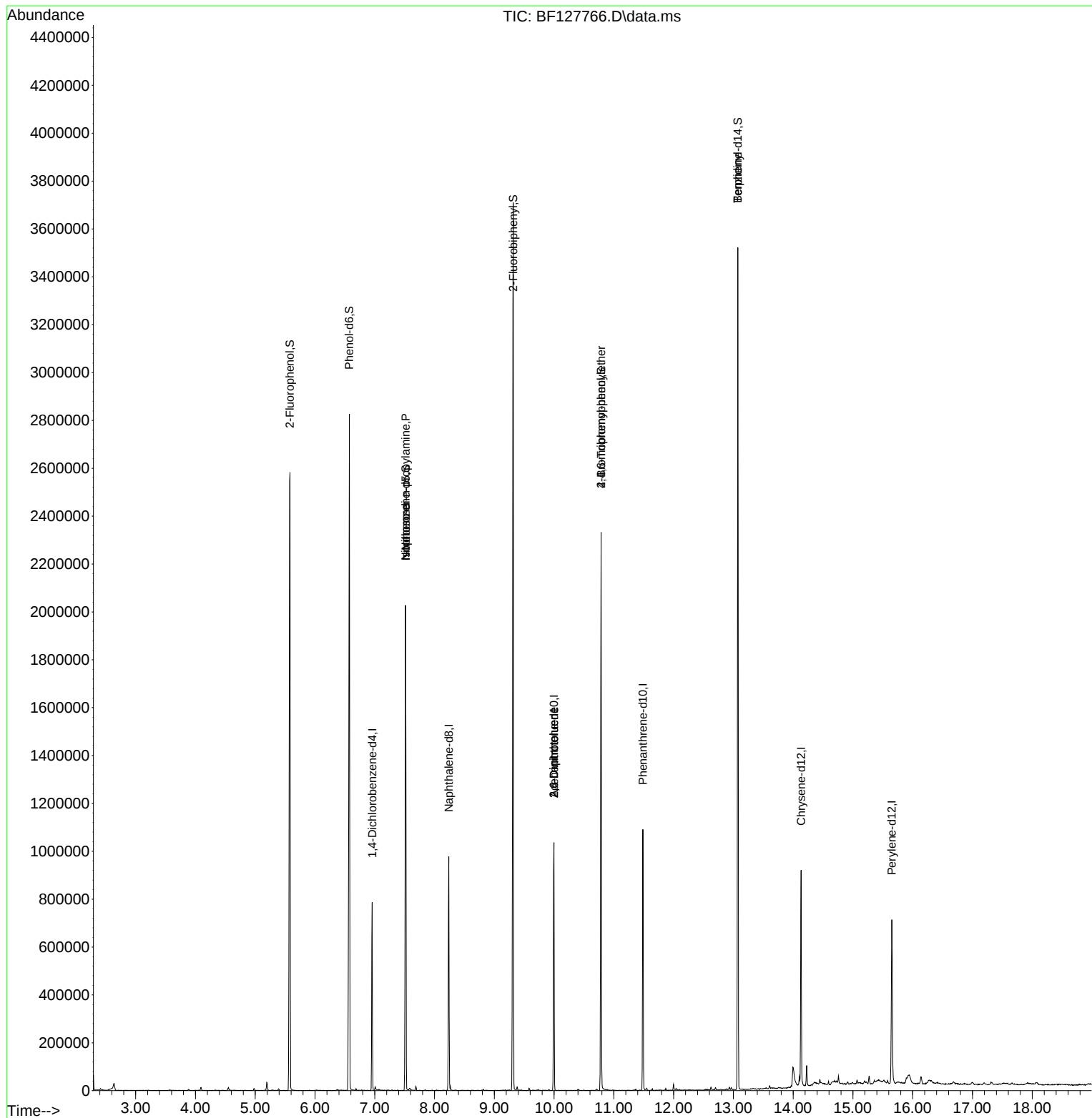
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	108354	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	391043	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	210978	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	363645	20.000	ng	0.00
76) Chrysene-d12	14.133	240	302066	20.000	ng	0.00
86) Perylene-d12	15.651	264	318751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	718453	107.741	ng	0.00
7) Phenol-d6	6.575	99	914743	104.858	ng	0.00
23) Nitrobenzene-d5	7.516	82	653743	74.531	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	267826	119.292	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1172428	78.615	ng	0.00
79) Terphenyl-d14	13.074	244	1176279	64.276	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	55	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	87761	15.554	ng	# 75
25) Isophorone	7.516	82	653735	42.712	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	27134	9.413	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	27134	7.592	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	16912	3.832	ng	# 1
77) Benzidine	13.074	184	16438	2.085	ng	# 92

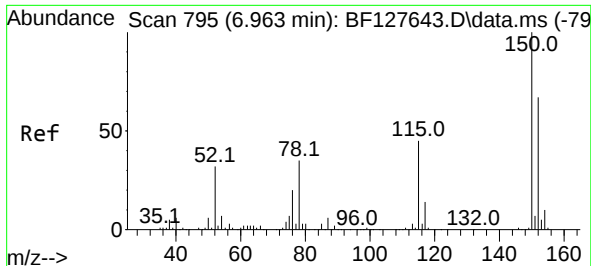
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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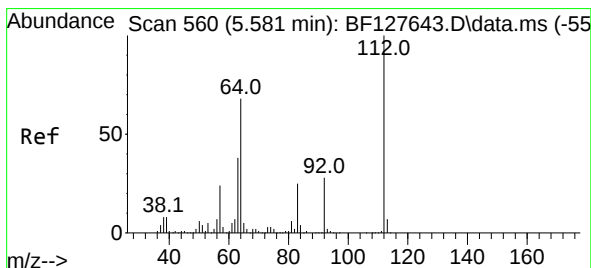
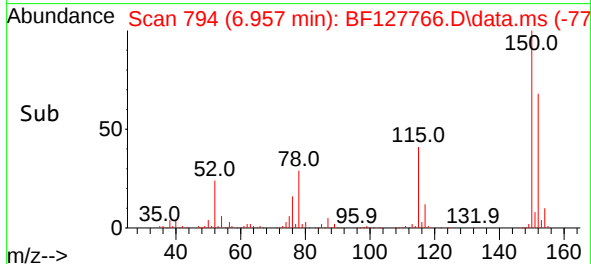
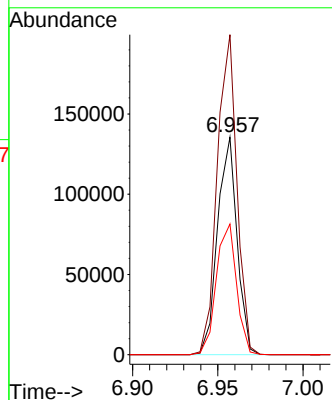
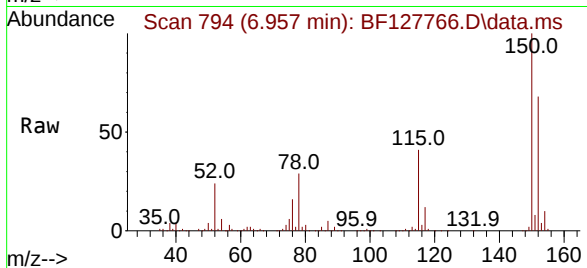




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

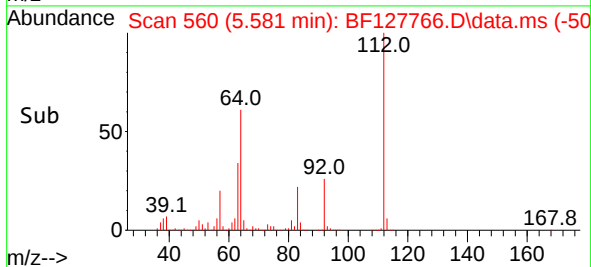
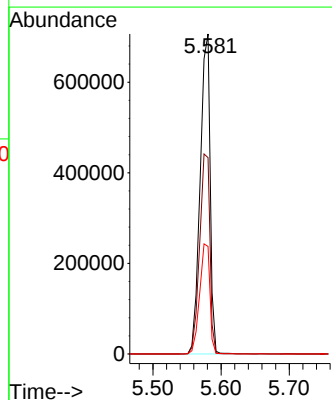
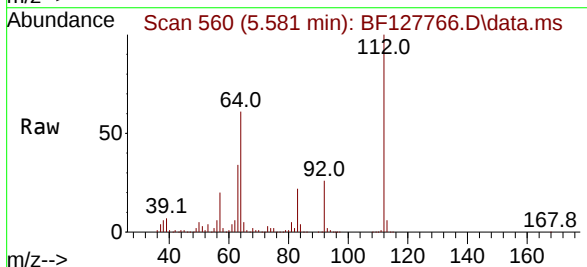
Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0

Tgt Ion:152 Resp: 108354
Ion Ratio Lower Upper
152 100
150 147.1 117.2 175.8
115 60.1 49.8 74.6



#5
2-Fluorophenol
Concen: 107.741 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Tgt Ion:112 Resp: 718453
Ion Ratio Lower Upper
112 100
64 61.4 58.4 87.6
63 33.6 30.1 45.1

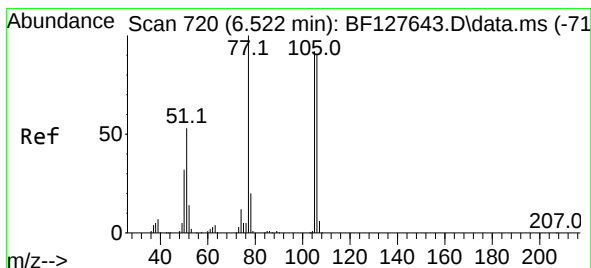
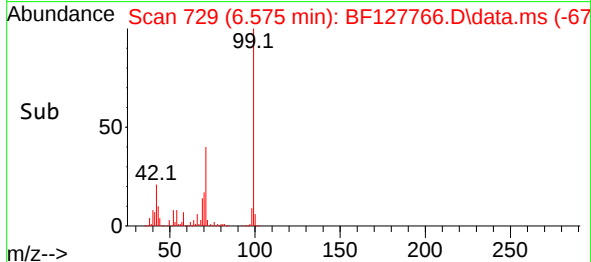
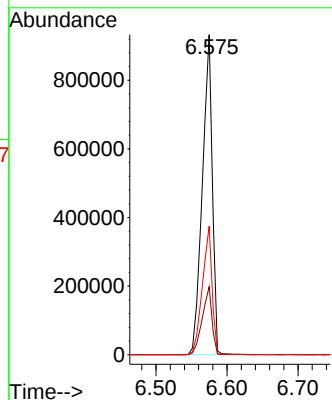
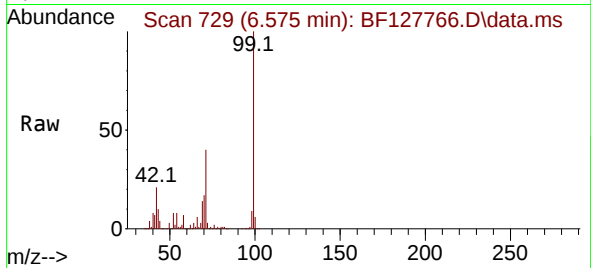




#7
Phenol-d6
Concen: 104.858 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

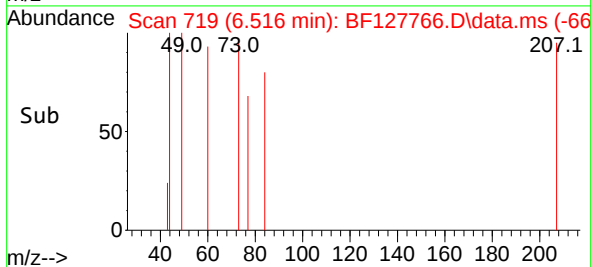
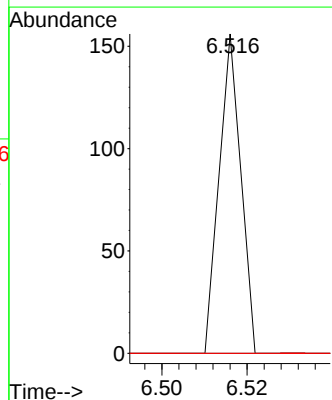
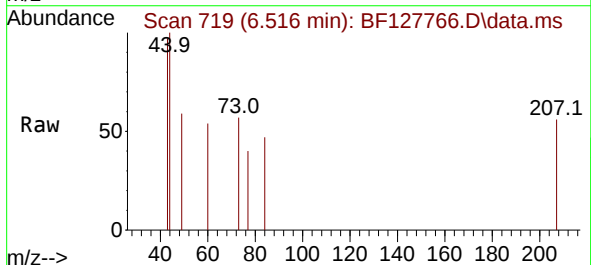
Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0

Tgt Ion: 99 Resp: 914743
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 40.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Tgt Ion: 77 Resp: 55
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: 15.554 ng

RT: 7.516 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127766.D

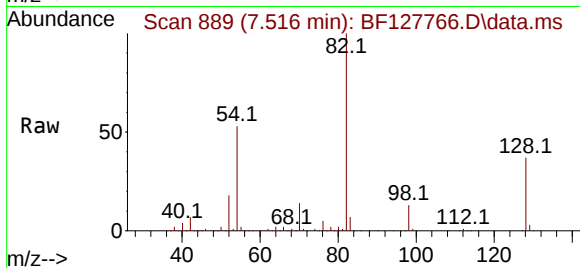
Acq: 12 Apr 2022 19:00

Instrument :

BNA_F

ClientSampleId :

SB-07-14.5-15.0



Tgt Ion: 70 Resp: 87761

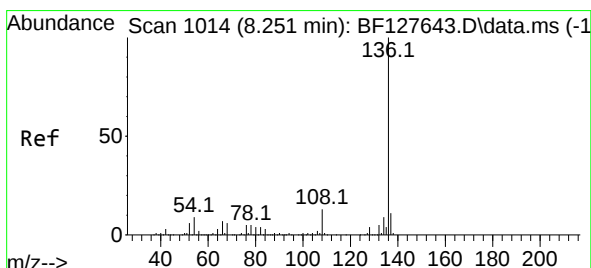
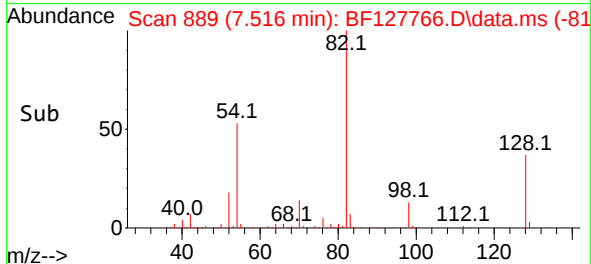
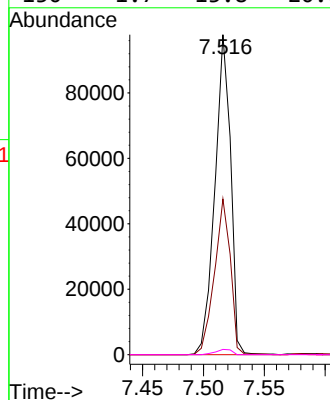
Ion Ratio Lower Upper

70 100

42 48.7 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: BF127766.D

Acq: 12 Apr 2022 19:00

Tgt Ion: 136 Resp: 391043

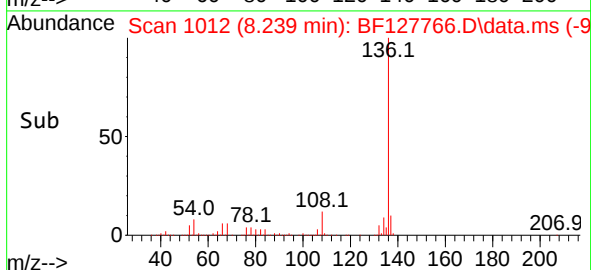
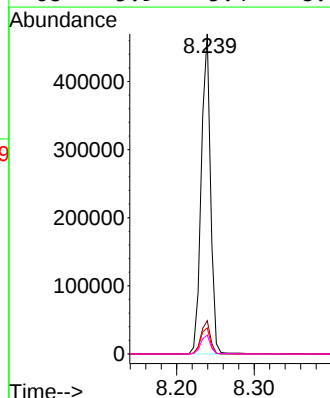
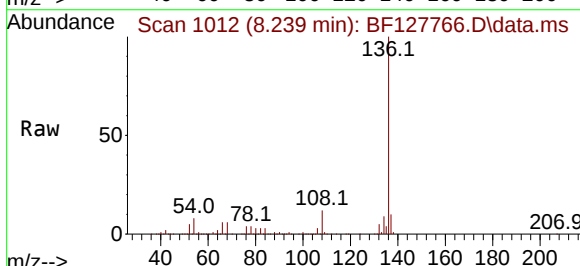
Ion Ratio Lower Upper

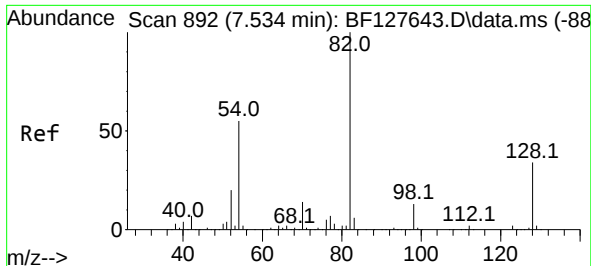
136 100

137 10.4 8.6 13.0

54 8.1 9.2 13.8#

68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 74.531 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

Instrument :

BNA_F

ClientSampleId :

SB-07-14.5-15.0

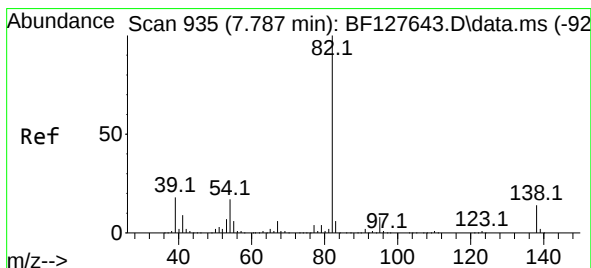
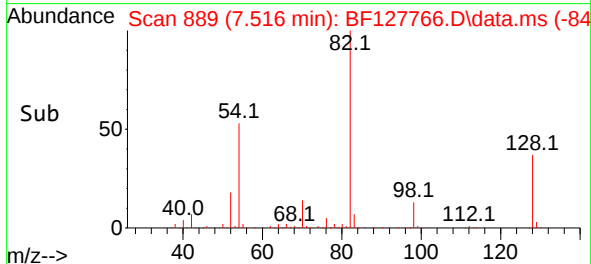
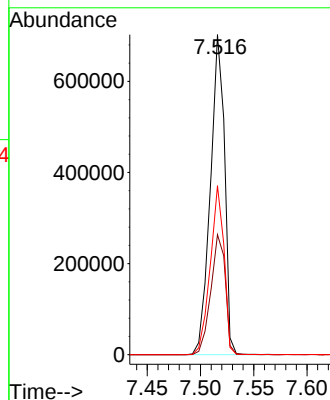
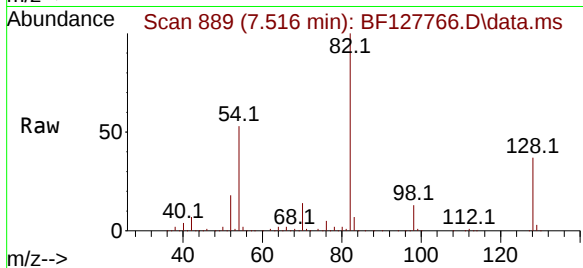
Tgt Ion: 82 Resp: 653743

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 52.8 48.2 72.2



#25

Isophorone

Concen: 42.712 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

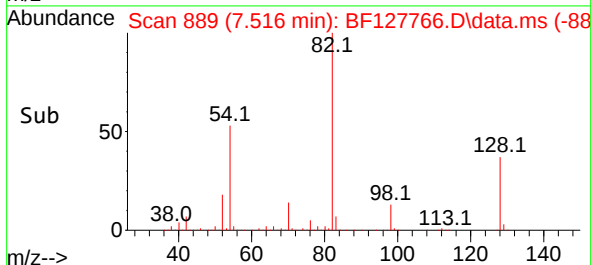
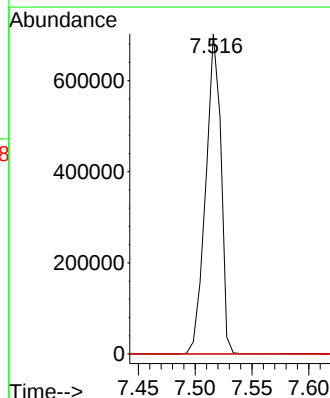
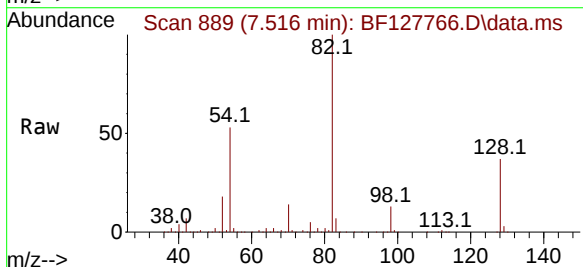
Tgt Ion: 82 Resp: 653735

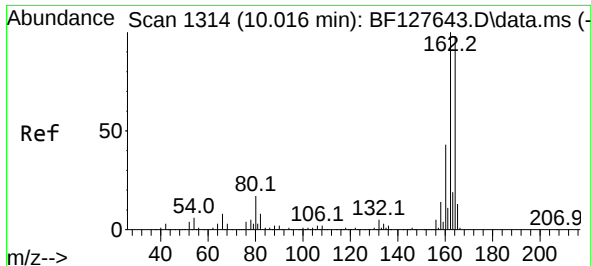
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

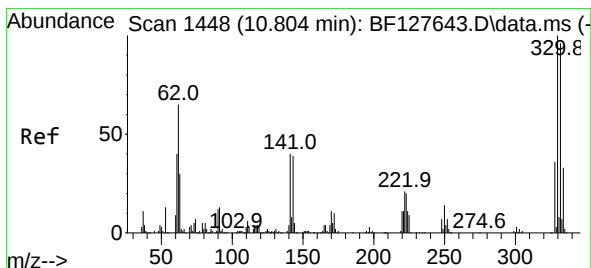
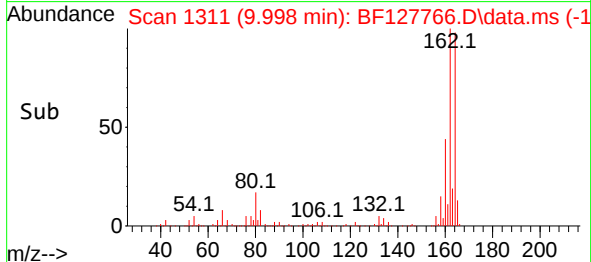
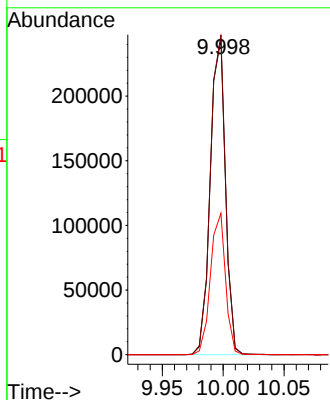
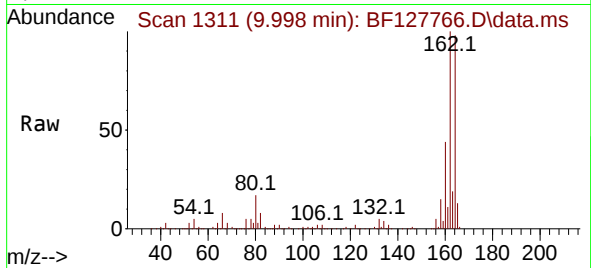




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

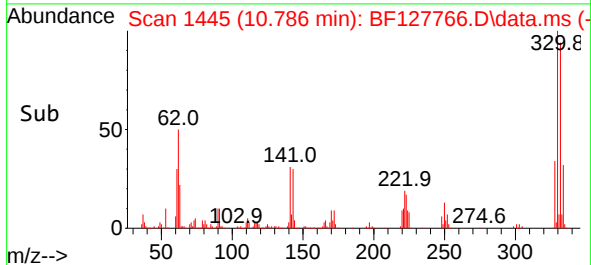
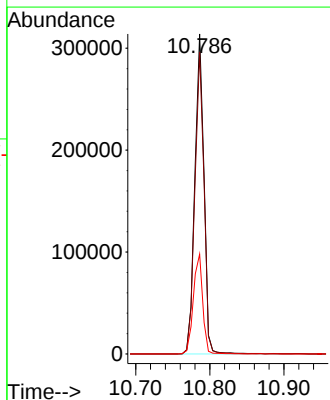
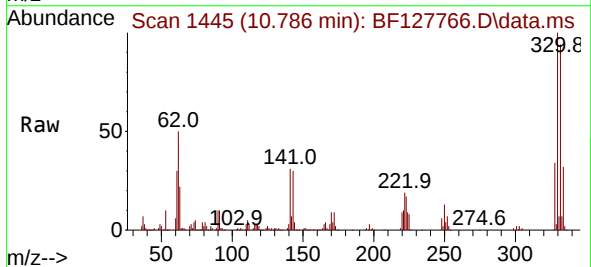
Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0

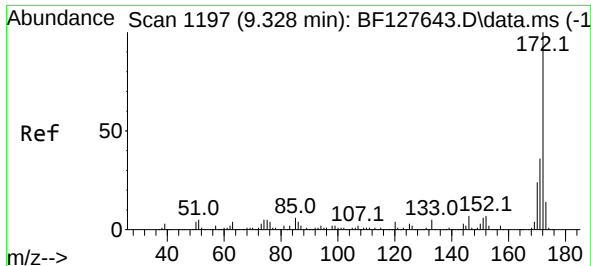
Tgt Ion:164 Resp: 210978
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 119.292 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Tgt Ion:330 Resp: 267826
Ion Ratio Lower Upper
330 100
332 94.3 79.1 118.7
141 32.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 78.615 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

Instrument :

BNA_F

ClientSampleId :

SB-07-14.5-15.0

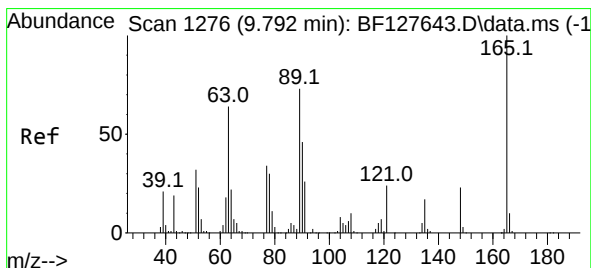
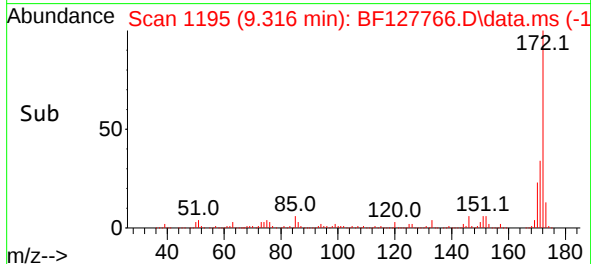
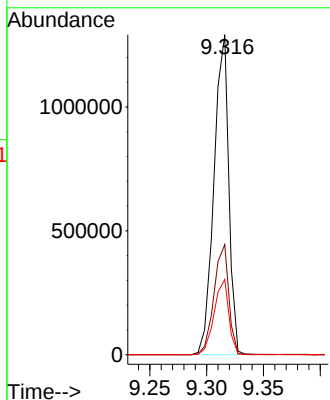
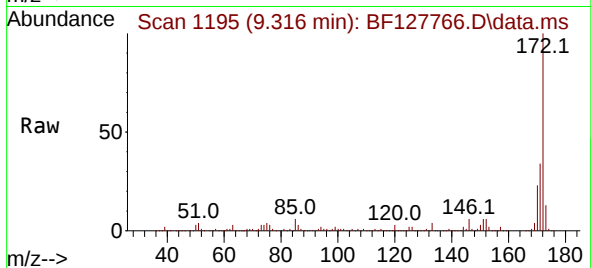
Tgt Ion:172 Resp: 1172428

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.413 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

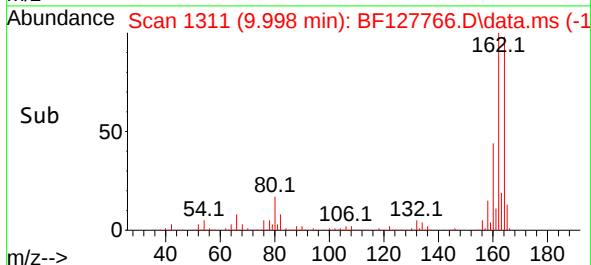
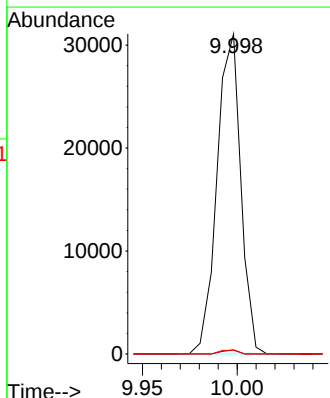
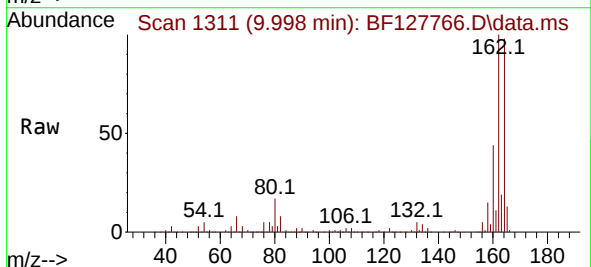
Tgt Ion:165 Resp: 27134

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.1 51.5 77.3#

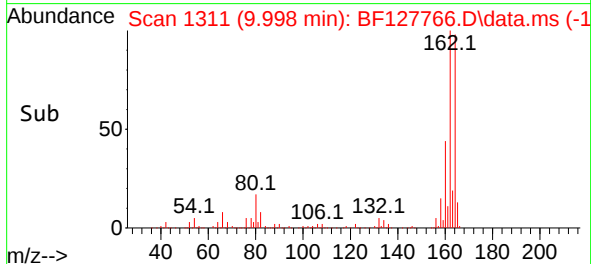
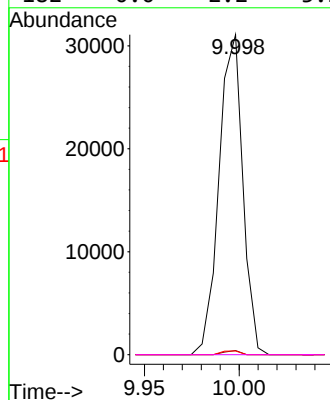
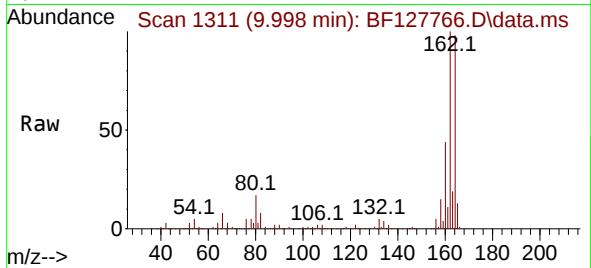




#57
2,4-Dinitrotoluene
Concen: 7.592 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

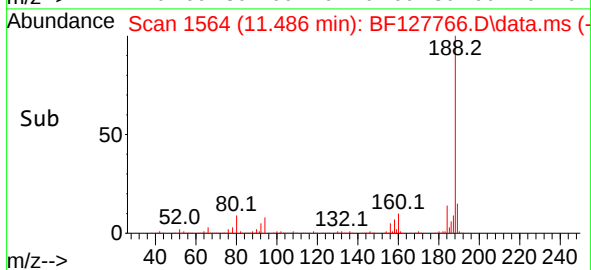
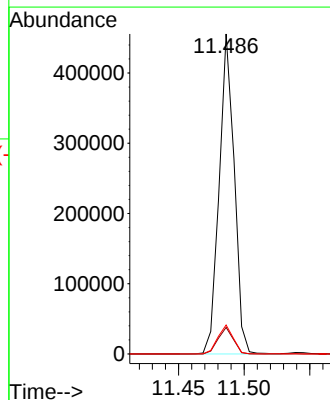
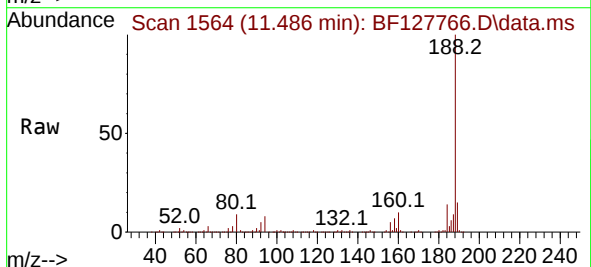
Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0

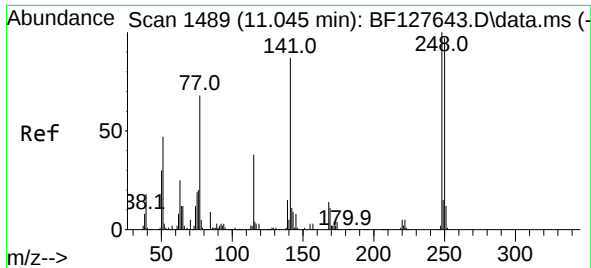
Tgt Ion:165 Resp: 27134
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Tgt Ion:188 Resp: 363645
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 9.0 8.0 12.0

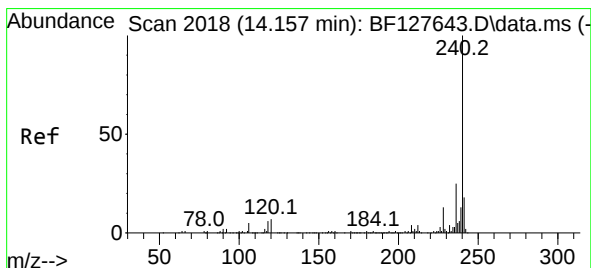
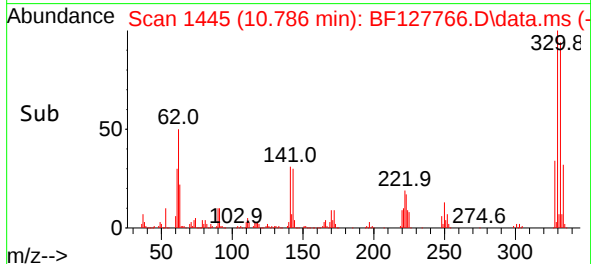
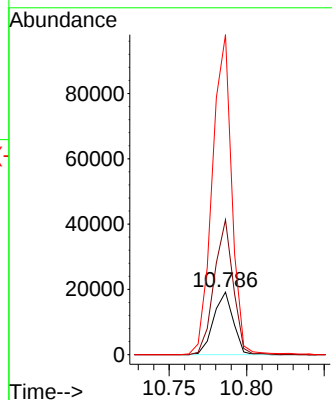
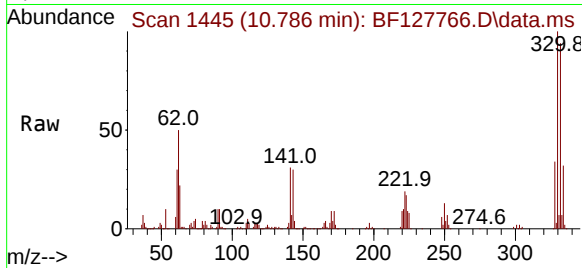




#67
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

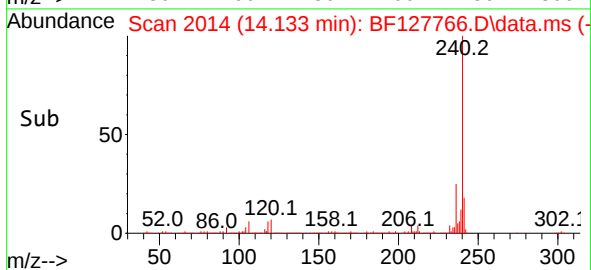
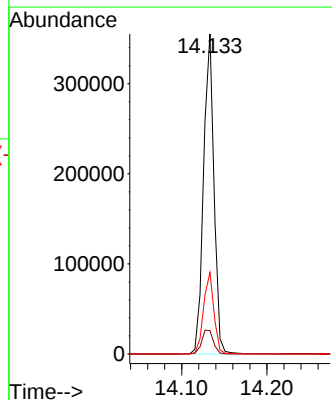
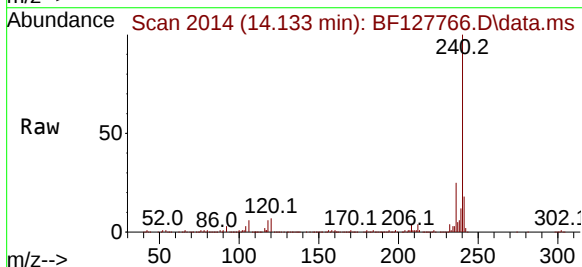
Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0

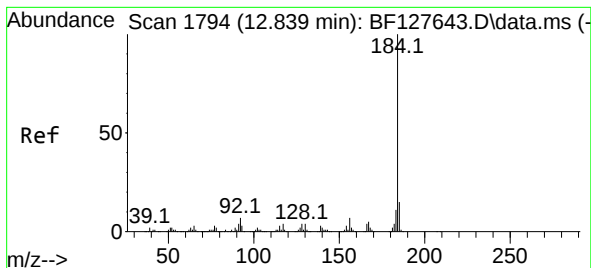
Tgt Ion:248 Resp: 16912
Ion Ratio Lower Upper
248 100
250 215.6 76.6 115.0#
141 511.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Tgt Ion:240 Resp: 302066
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 25.5 20.7 31.1





#77

Benzidine

Concen: 2.085 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.247 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

Instrument :

BNA_F

ClientSampleId :

SB-07-14.5-15.0

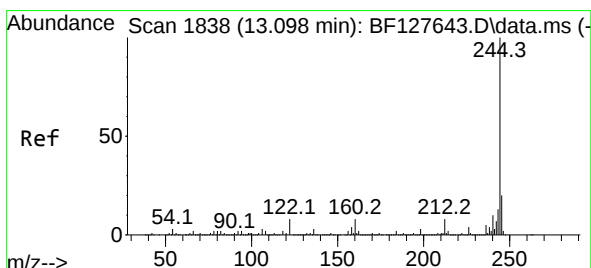
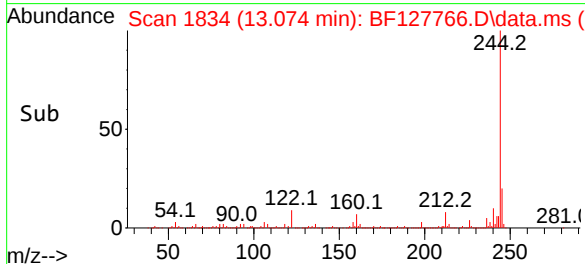
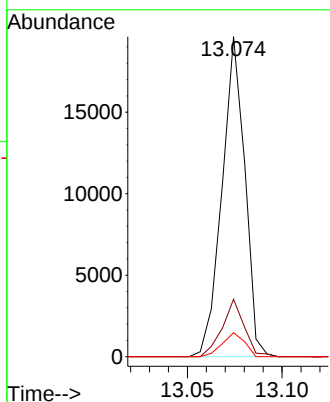
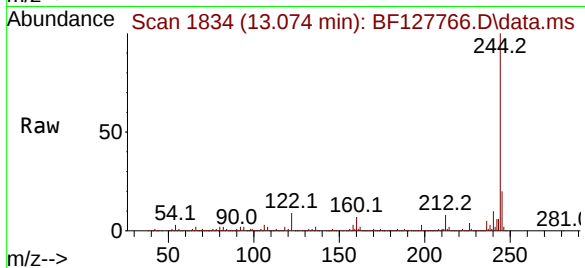
Tgt Ion:184 Resp: 16438

Ion Ratio Lower Upper

184 100

185 18.0 12.2 18.2

183 7.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 64.276 ng

RT: 13.074 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF127766.D

Acq: 12 Apr 2022 19:00

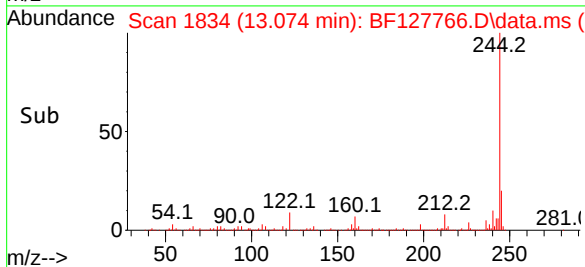
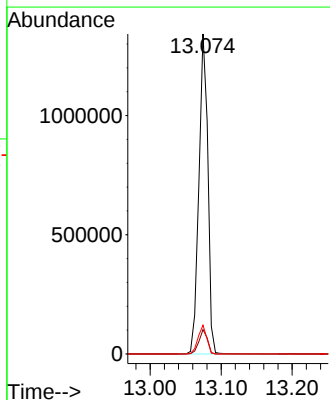
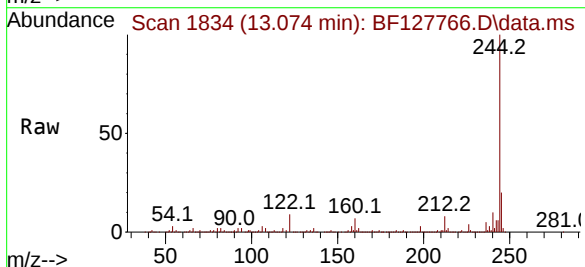
Tgt Ion:244 Resp: 1176279

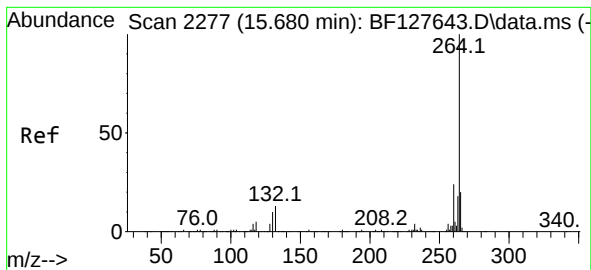
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

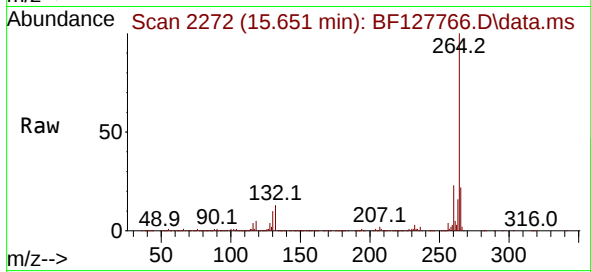
122 9.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127766.D
Acq: 12 Apr 2022 19:00

Instrument :
BNA_F
ClientSampleId :
SB-07-14.5-15.0



Tgt Ion:264 Resp: 318751

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.9	17.4	26.2

