

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127756.D
 Acq On : 12 Apr 2022 14:06
 Operator : CG\JU
 Sample : N2340-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-14.5-15.0

Quant Time: Apr 13 07:23:55 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)

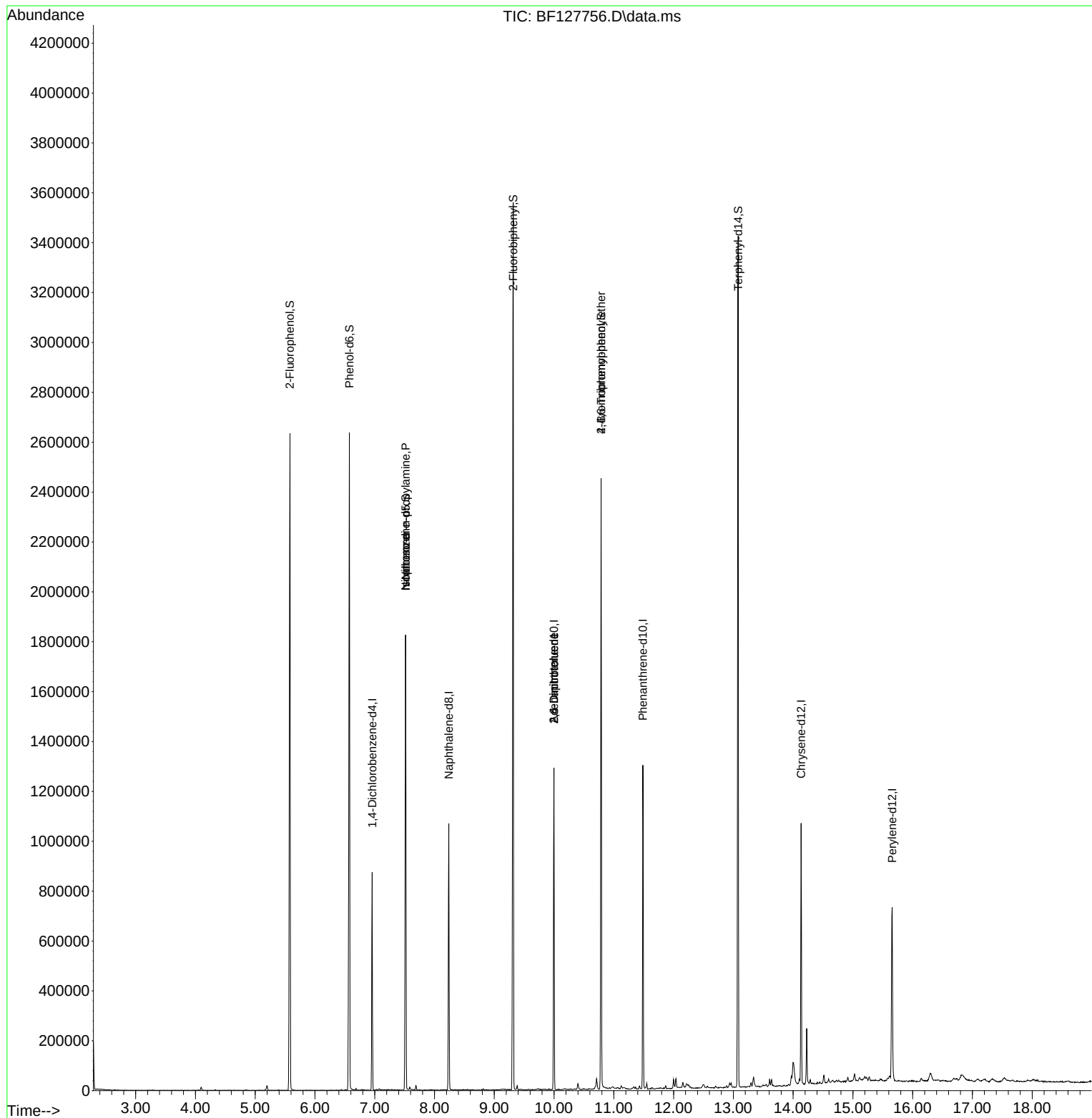
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	116545	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	429180	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	250459	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	448965	20.000	ng	0.00
76) Chrysene-d12	14.133	240	349070	20.000	ng	0.00
86) Perylene-d12	15.657	264	335672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	668810	93.247	ng	0.00
7) Phenol-d6	6.575	99	854828	91.103	ng	0.00
23) Nitrobenzene-d5	7.516	82	603418	62.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	276797	103.854	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1105914	62.465	ng	0.00
79) Terphenyl-d14	13.080	244	1244172	58.832	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	56	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	82036	13.518	ng	# 74
25) Isophorone	7.516	82	603409	35.921	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	32047	9.365	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	32047	7.554	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	17505	3.213	ng	# 1

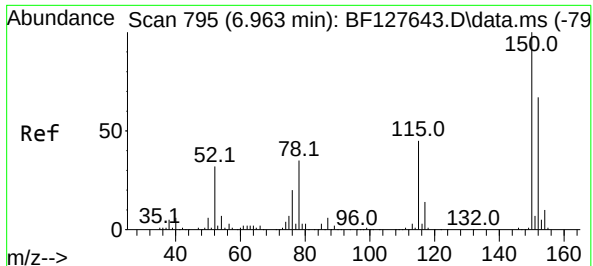
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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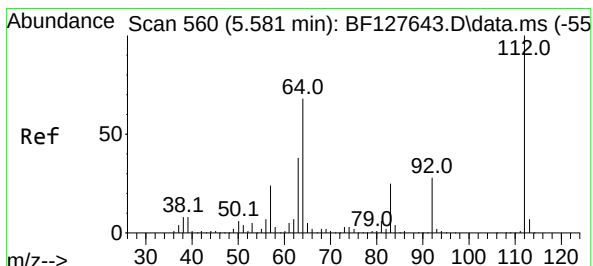
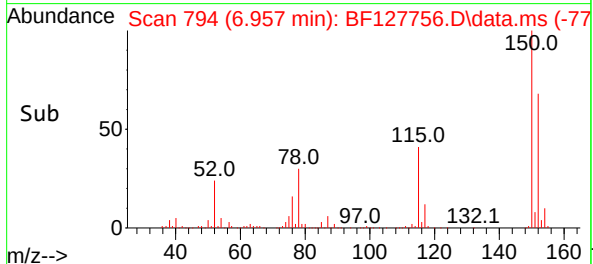
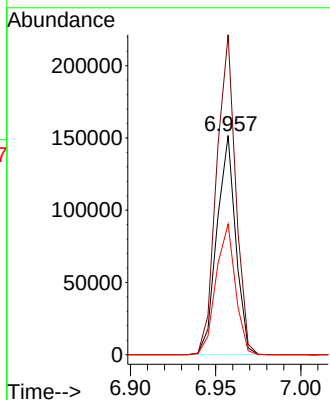
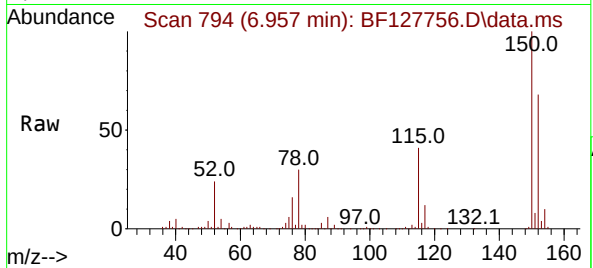




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

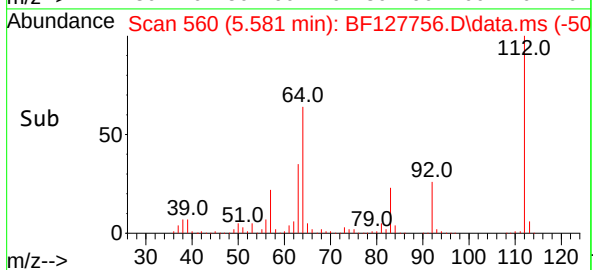
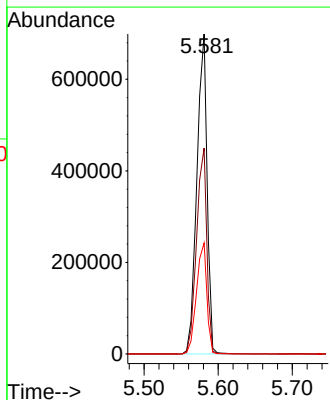
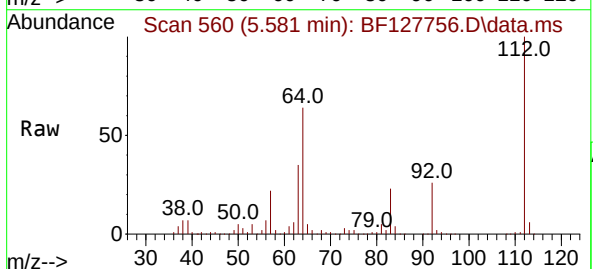
Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

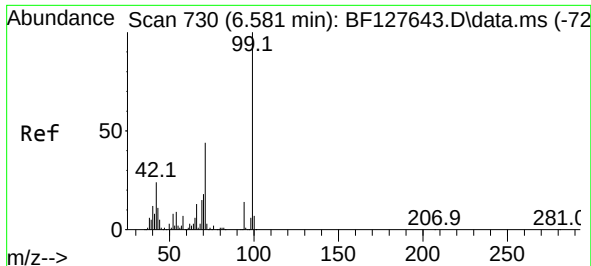
Tgt Ion:152 Resp: 116545
Ion Ratio Lower Upper
152 100
150 146.0 117.2 175.8
115 59.6 49.8 74.6



#5
2-Fluorophenol
Concen: 93.247 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Tgt Ion:112 Resp: 668810
Ion Ratio Lower Upper
112 100
64 64.3 58.4 87.6
63 34.7 30.1 45.1

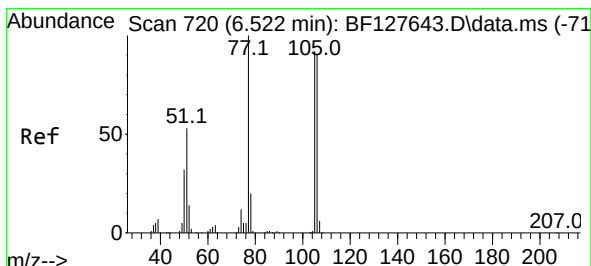
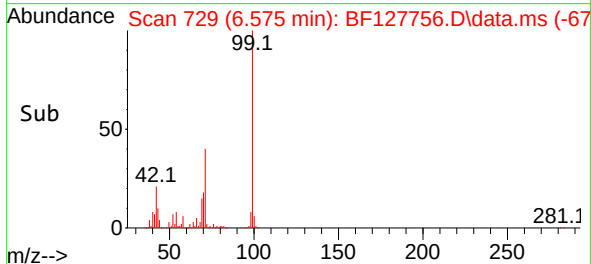
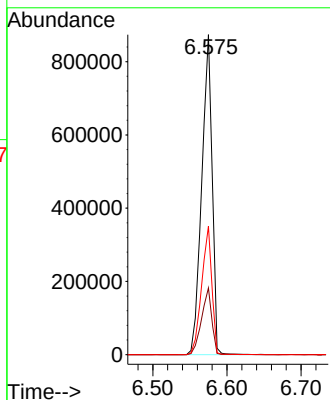
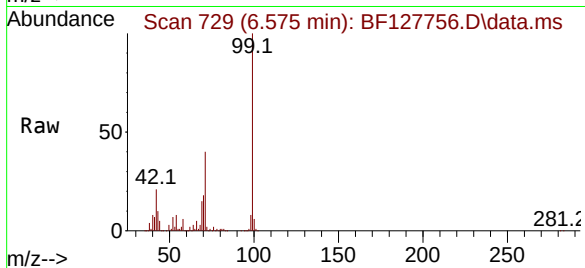




#7
Phenol-d6
Concen: 91.103 ng
RT: 6.575 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

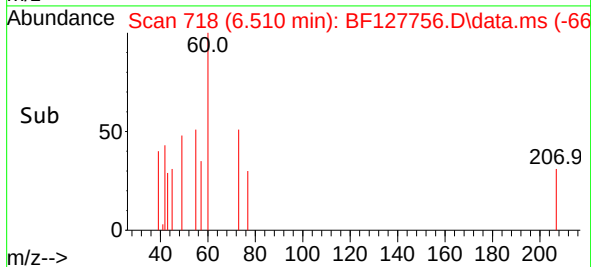
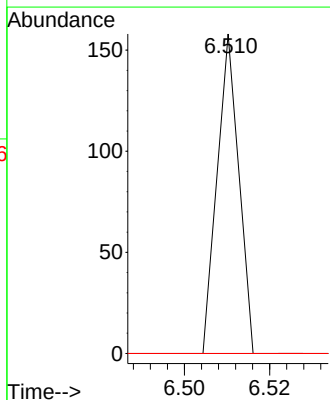
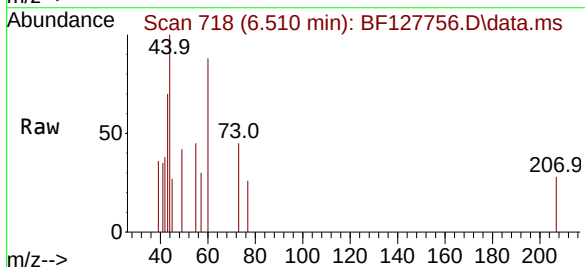
Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

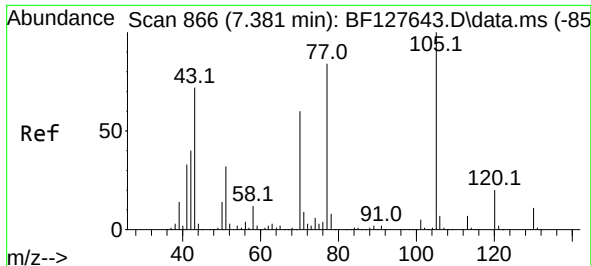
Tgt Ion: 99 Resp: 854828
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 40.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

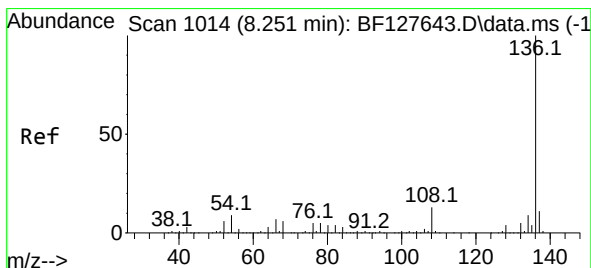
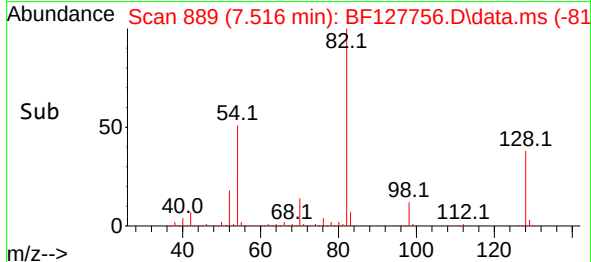
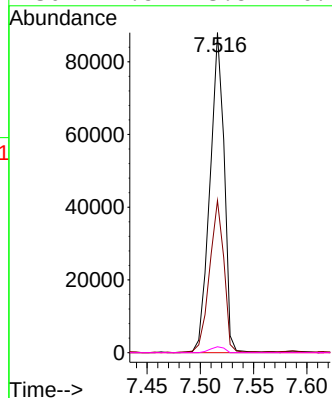
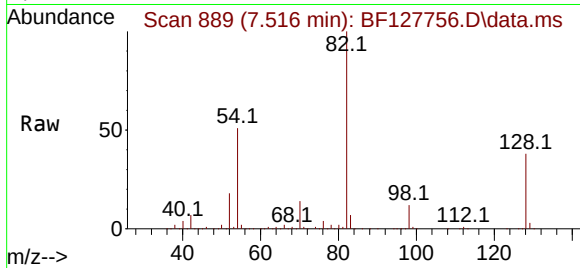




#19
n-Nitroso-di-n-propylamine
Concen: 13.518 ng
RT: 7.516 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

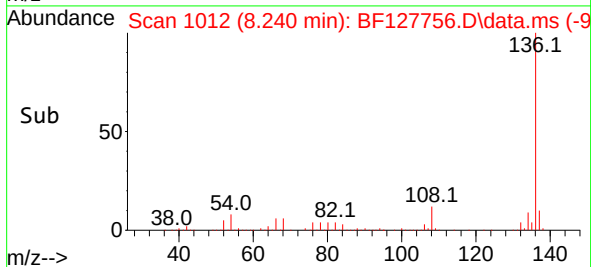
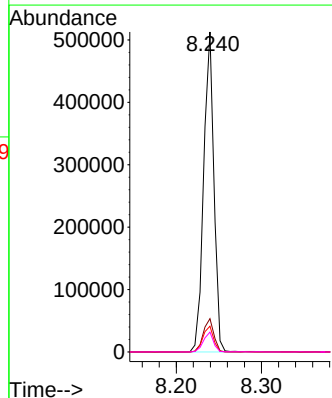
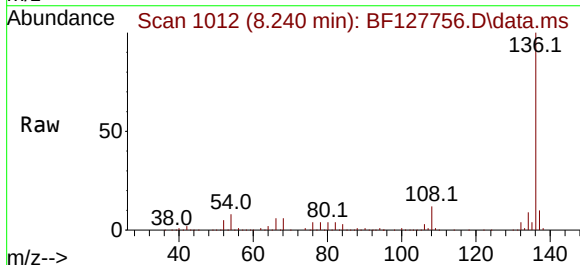
Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

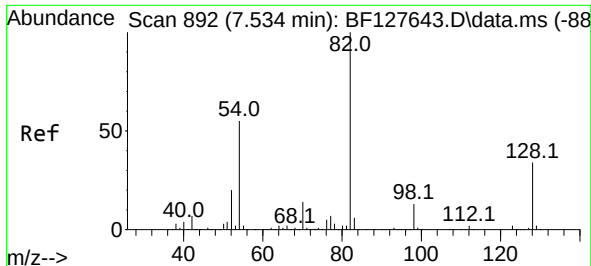
Tgt Ion: 70 Resp: 82036
Ion Ratio Lower Upper
70 100
42 47.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Tgt Ion:136 Resp: 429180
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.1 9.2 13.8#
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 62.680 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127756.D

Acq: 12 Apr 2022 14:06

Instrument :

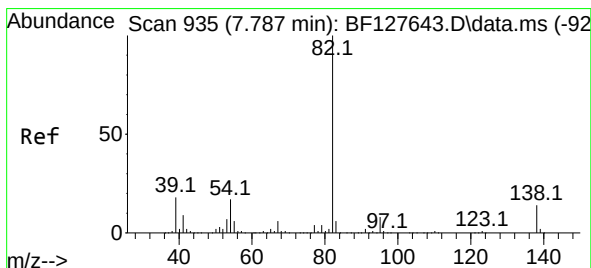
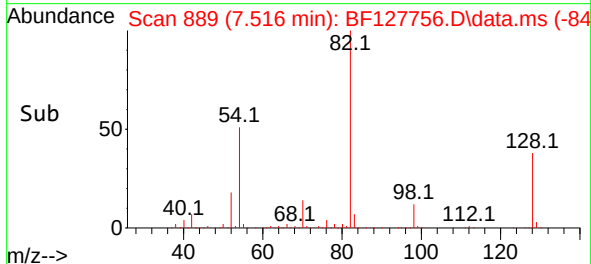
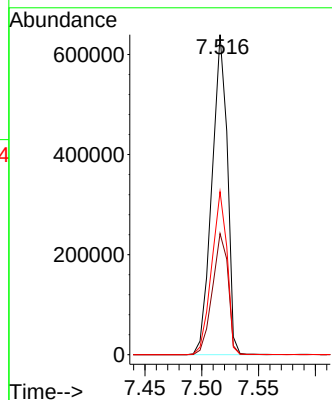
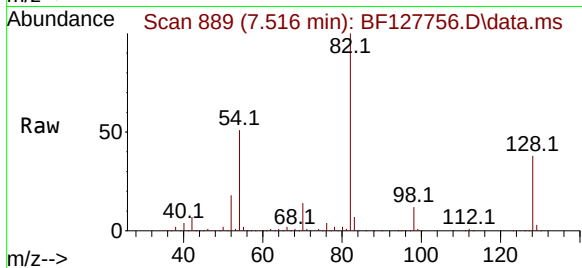
BNA_F

ClientSampleId :

SB-06-14.5-15.0

Tgt Ion: 82 Resp: 603418

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.6	45.8
54	51.0	48.2	72.2



#25

Isophorone

Concen: 35.921 ng

RT: 7.516 min Scan# 889

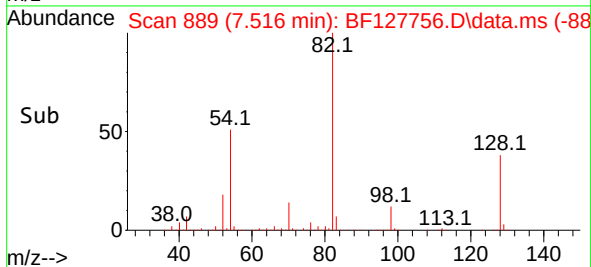
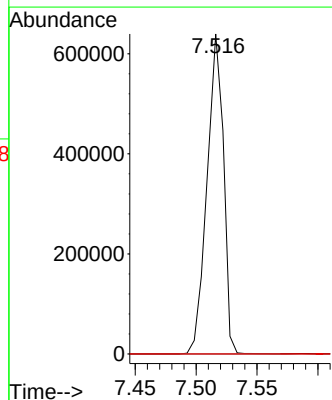
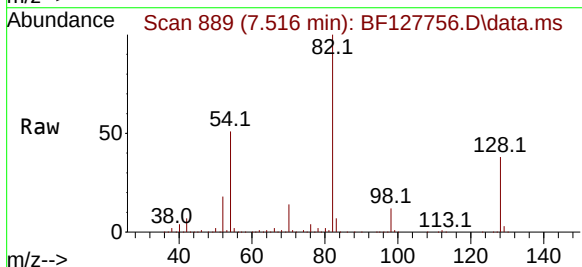
Delta R.T. -0.265 min

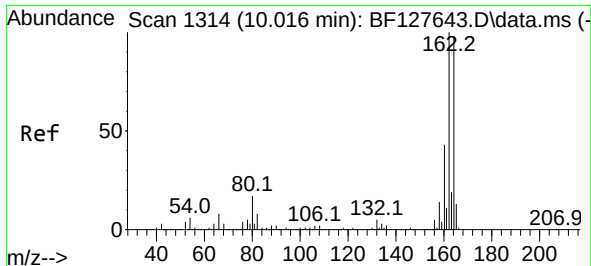
Lab File: BF127756.D

Acq: 12 Apr 2022 14:06

Tgt Ion: 82 Resp: 603409

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

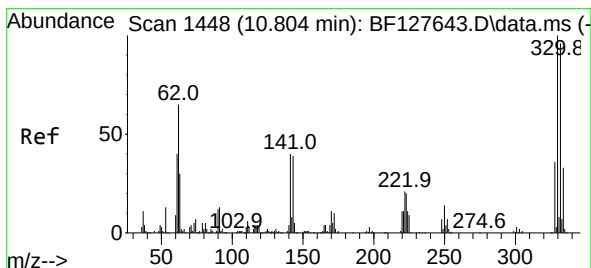
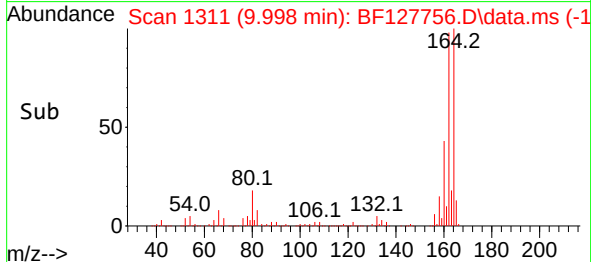
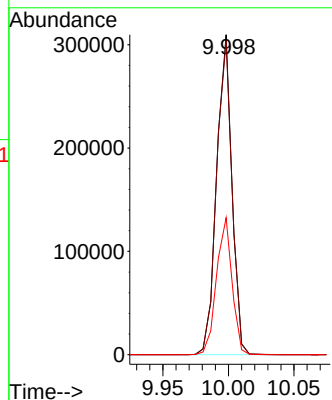
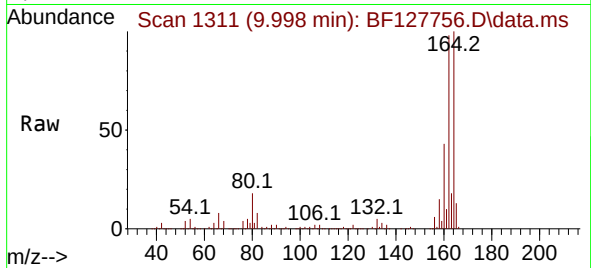




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

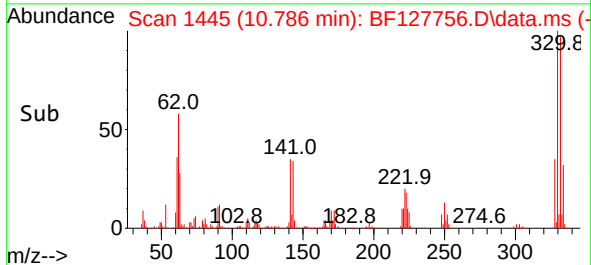
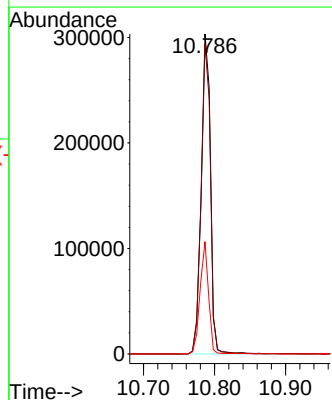
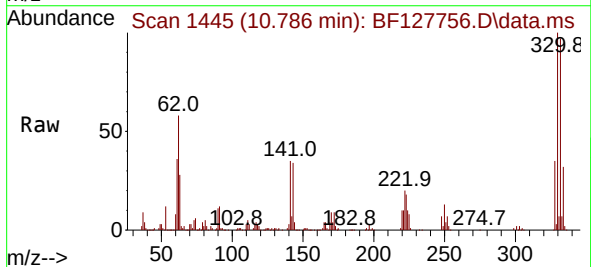
Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

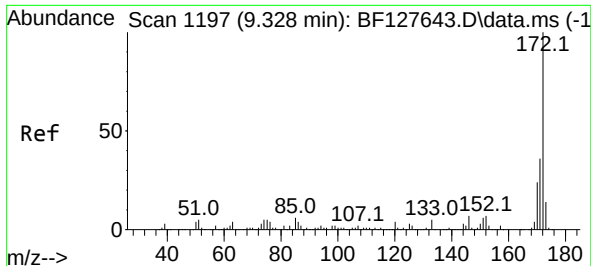
Tgt Ion:164 Resp: 250459
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 42.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 103.854 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Tgt Ion:330 Resp: 276797
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 32.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 62.465 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127756.D

Acq: 12 Apr 2022 14:06

Instrument :

BNA_F

ClientSampleId :

SB-06-14.5-15.0

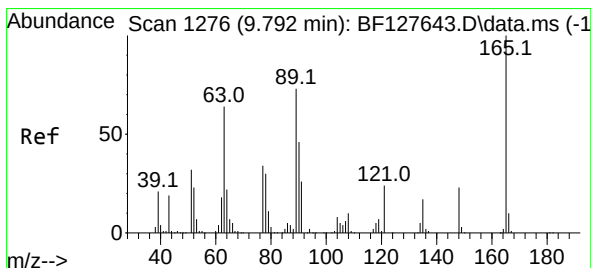
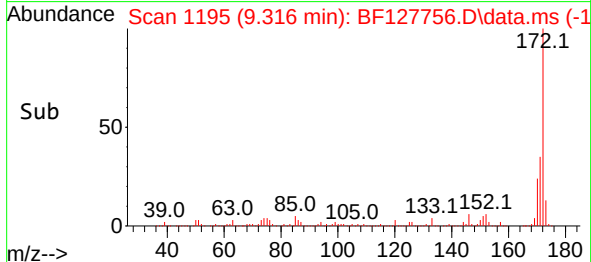
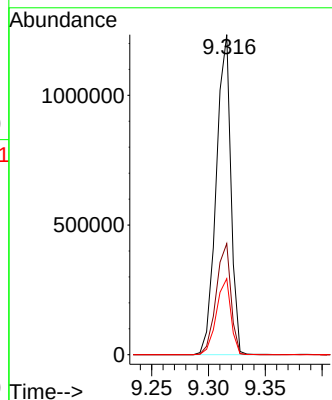
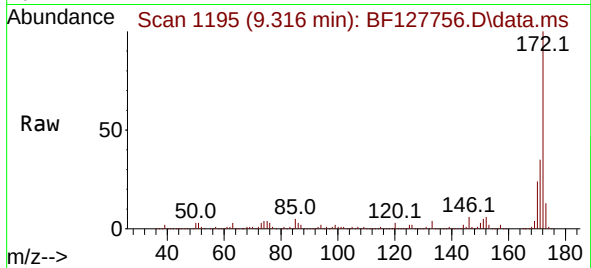
Tgt Ion:172 Resp: 1105914

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.365 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127756.D

Acq: 12 Apr 2022 14:06

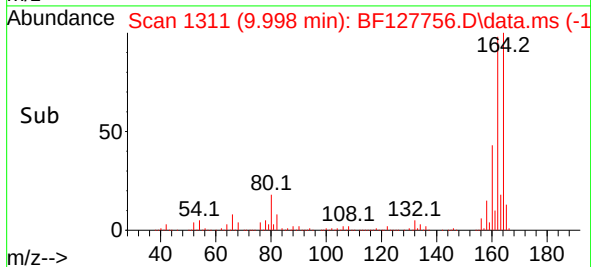
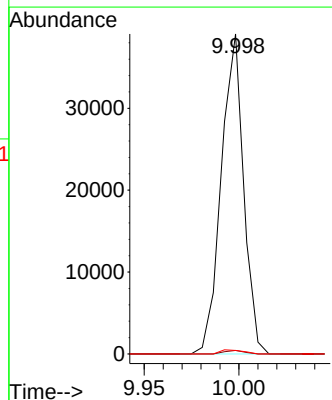
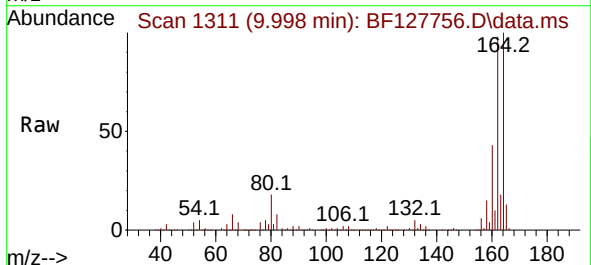
Tgt Ion:165 Resp: 32047

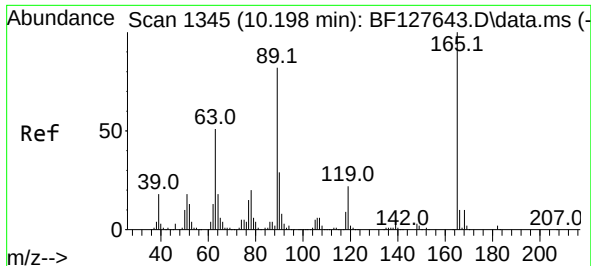
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

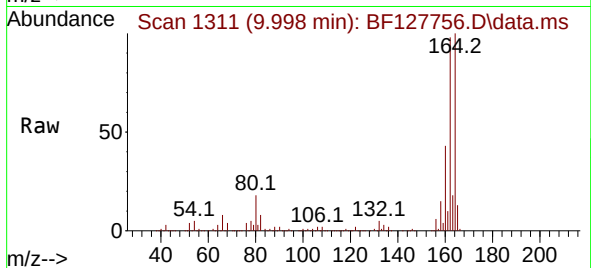
89 1.1 51.5 77.3#



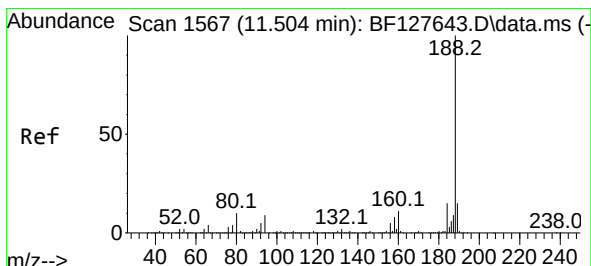
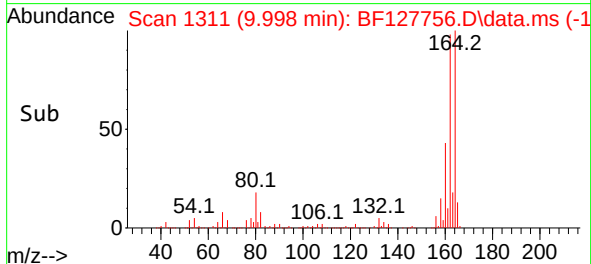
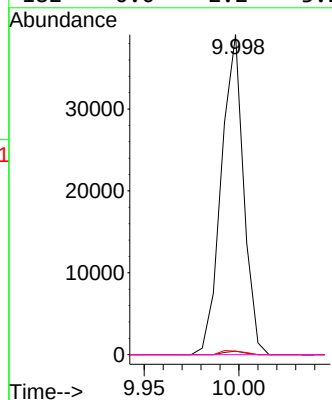


#57
2,4-Dinitrotoluene
Concen: 7.554 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

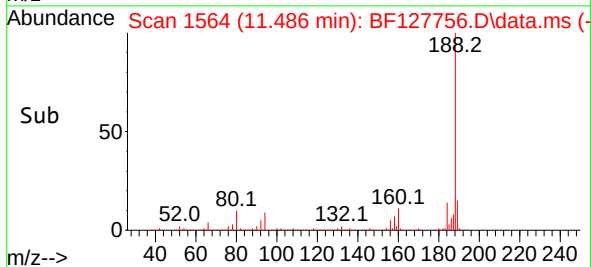
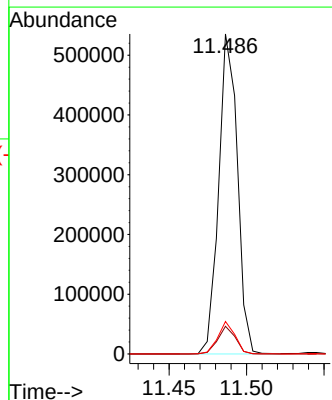
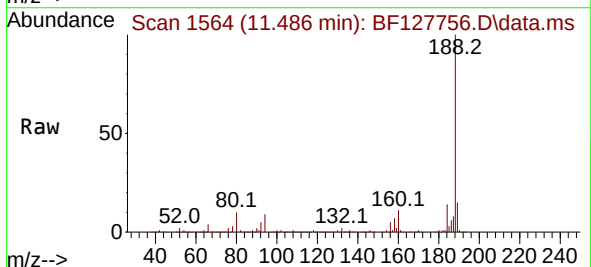


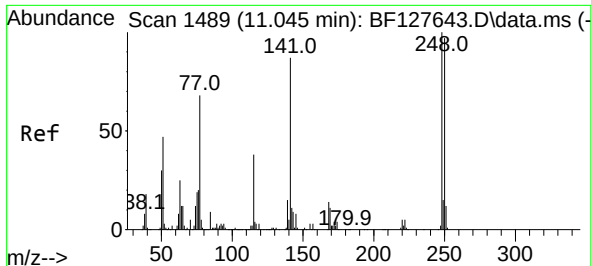
Tgt Ion:165 Resp: 32047
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

Tgt Ion:188 Resp: 448965
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 10.1 8.0 12.0

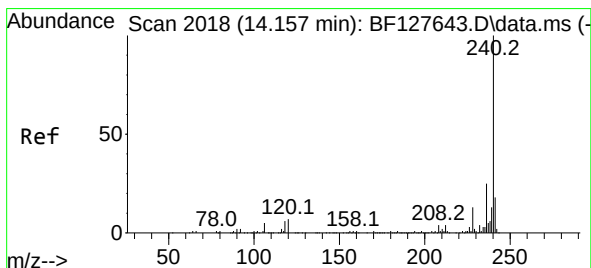
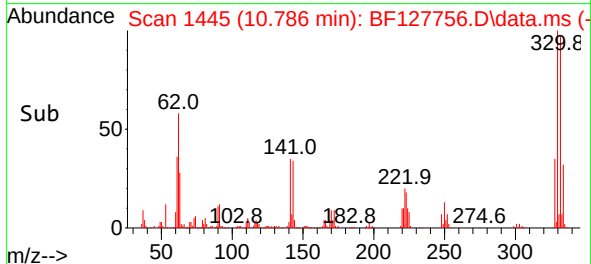
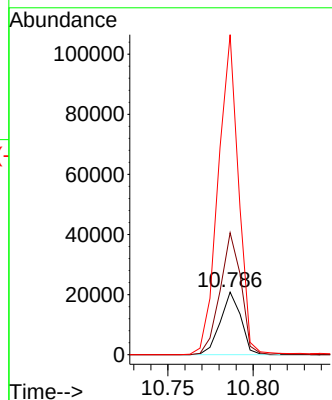
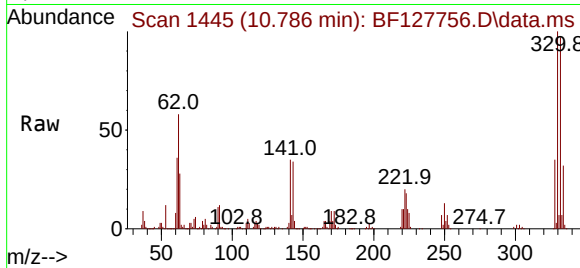




#67
4-Bromophenyl-phenylether
Concen: 3.213 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

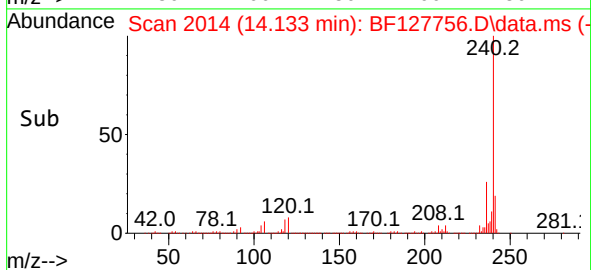
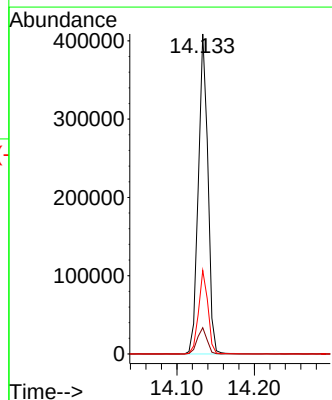
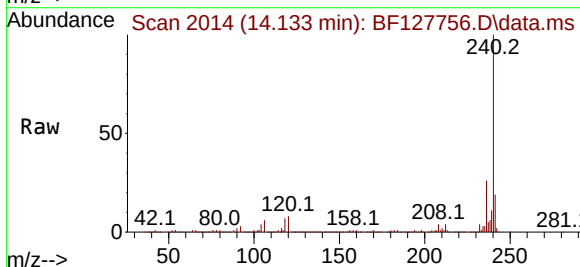
Instrument :
BNA_F
ClientSampleId :
SB-06-14.5-15.0

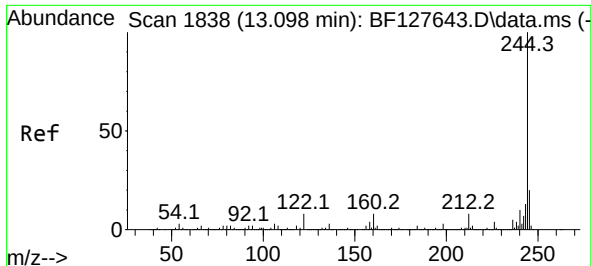
Tgt Ion:248 Resp: 17505
Ion Ratio Lower Upper
248 100
250 194.8 76.6 115.0#
141 511.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127756.D
Acq: 12 Apr 2022 14:06

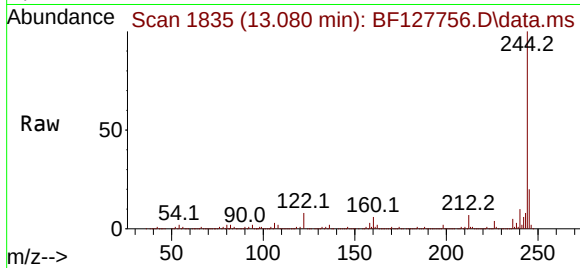
Tgt Ion:240 Resp: 349070
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.1 20.7 31.1



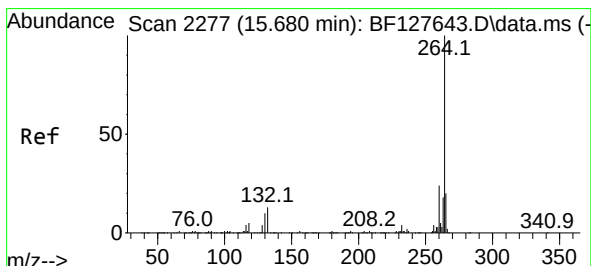
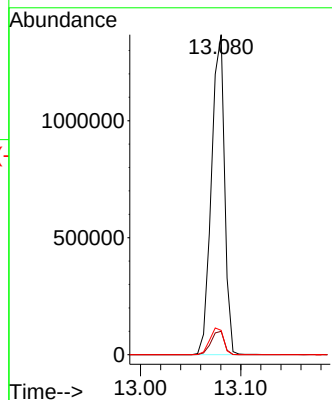
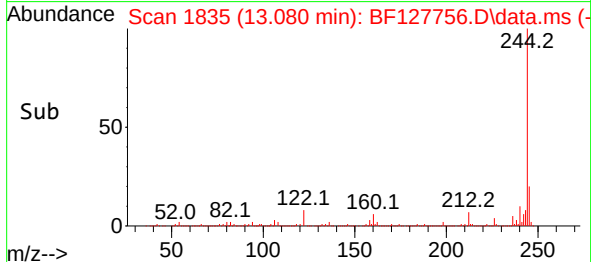


#79
 Terphenyl-d14
 Concen: 58.832 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF127756.D
 Acq: 12 Apr 2022 14:06

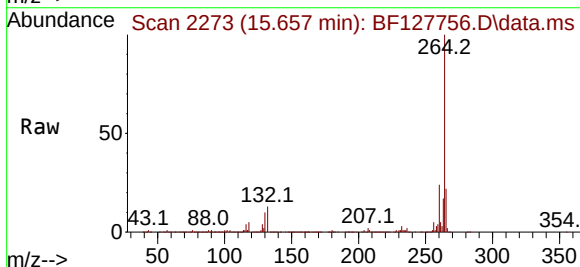
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-14.5-15.0



Tgt Ion:244 Resp: 1244172
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 7.6 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: BF127756.D
 Acq: 12 Apr 2022 14:06



Tgt Ion:264 Resp: 335672
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.8 17.4 26.2

