

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127781.D
 Acq On : 13 Apr 2022 13:38
 Operator : CG\JU
 Sample : PB144086BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144086BL

Quant Time: Apr 13 16:50:52 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 16:40:15 2022
 Response via : Initial Calibration

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

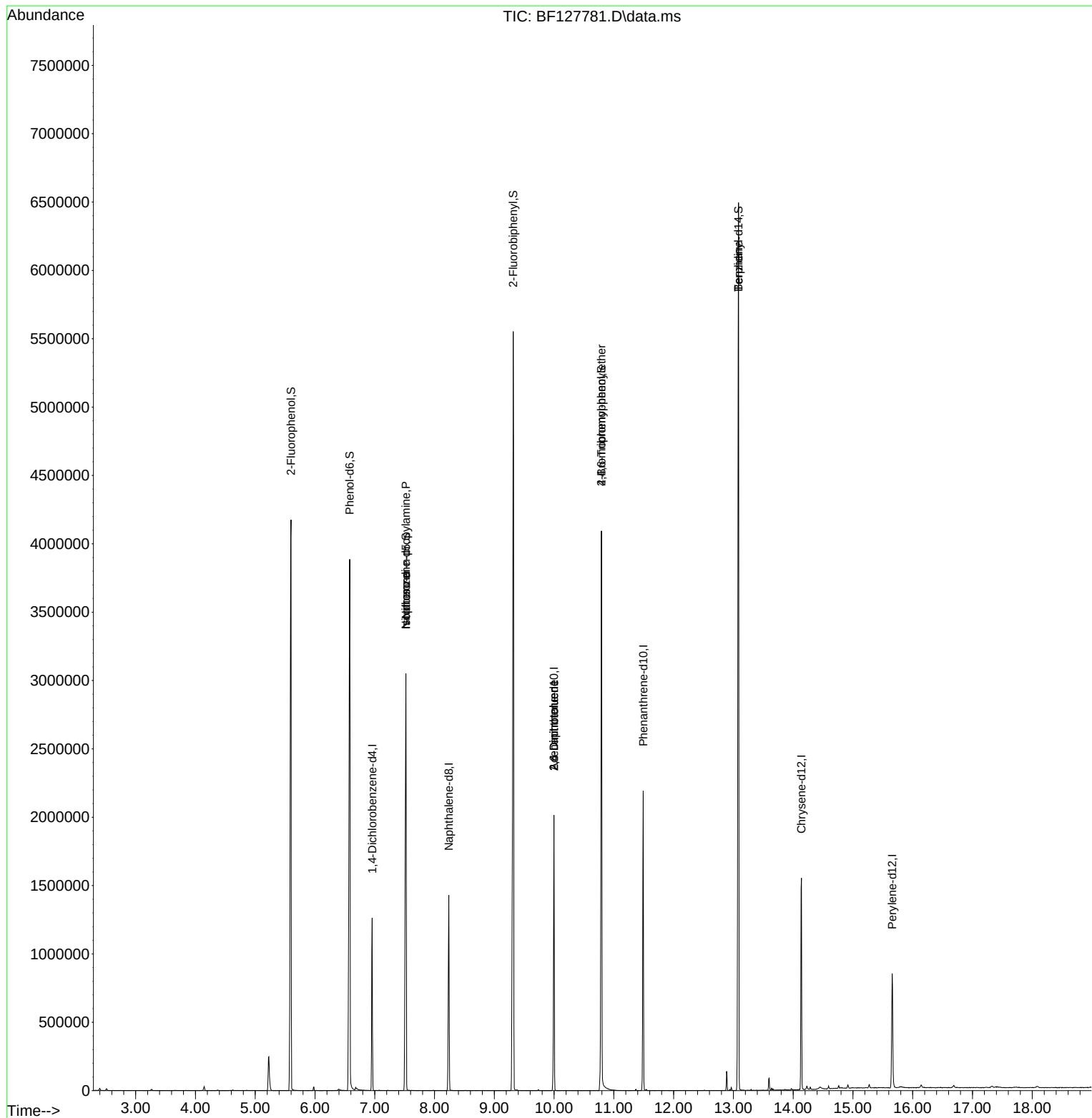
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	178824	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	678800	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	405563	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	771381	20.000	ng	0.00
76) Chrysene-d12	14.139	240	575182	20.000	ng	0.00
86) Perylene-d12	15.657	264	408115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1304740	118.557	ng	0.02
7) Phenol-d6	6.581	99	1703455	118.319	ng	0.00
23) Nitrobenzene-d5	7.522	82	1244705	81.748	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	571343	132.384	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2191862	76.456	ng	0.00
79) Terphenyl-d14	13.086	244	2660017	76.335	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	3191	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	169858	18.241	ng	# 74
25) Isophorone	7.522	82	1235048	46.485	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	52456	9.466	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	52456	7.635	ng	# 13
67) 4-Bromophenyl-phenylether	10.792	248	36153	3.862	ng	# 1
77) Benizidine	13.086	184	37350	2.488	ng	# 95

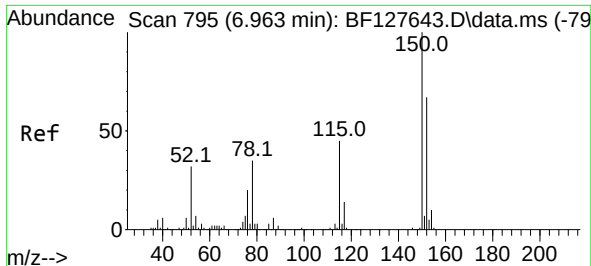
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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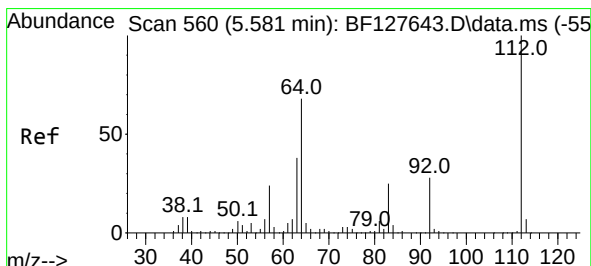
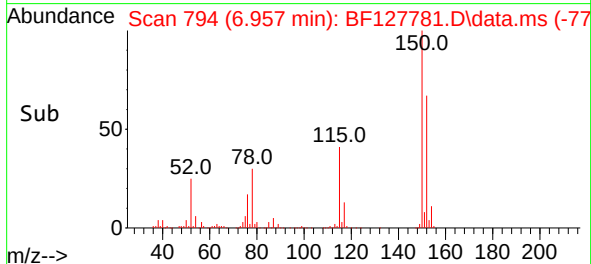
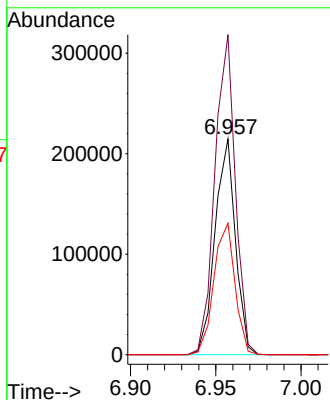
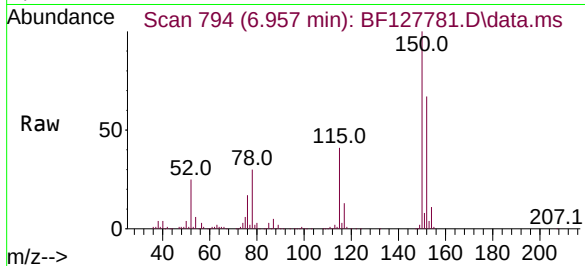




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

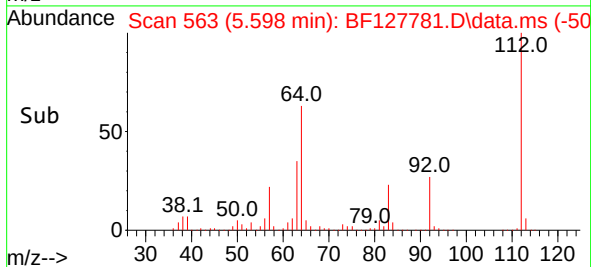
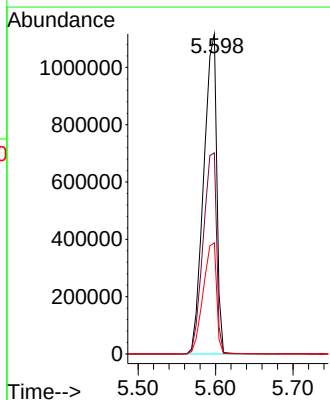
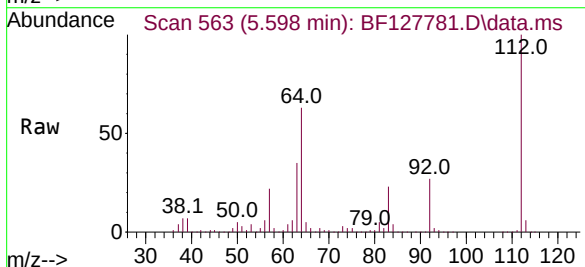
Instrument :
BNA_F
ClientSampleId :
PB144086BL

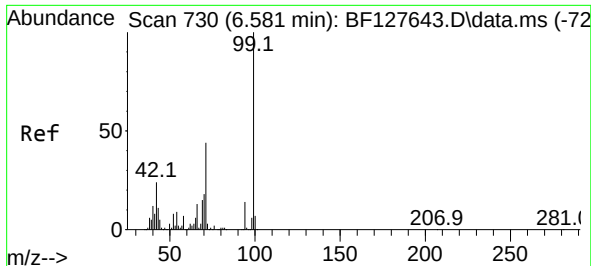
Tgt Ion:152 Resp: 178824
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 60.9 49.8 74.6



#5
2-Fluorophenol
Concen: 118.557 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

Tgt Ion:112 Resp: 1304740
Ion Ratio Lower Upper
112 100
64 62.8 58.4 87.6
63 34.7 30.1 45.1

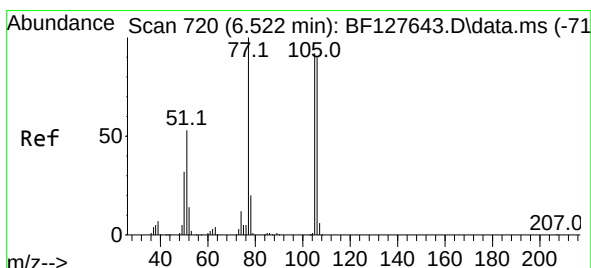
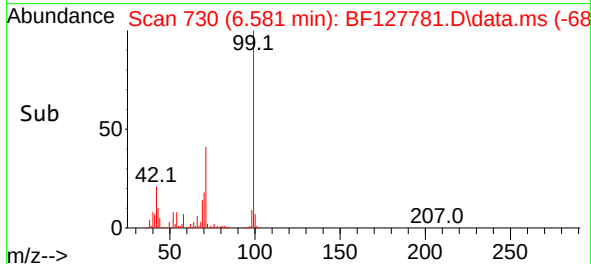
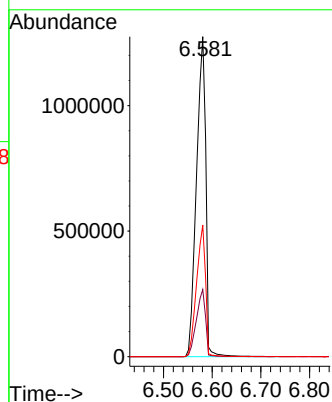
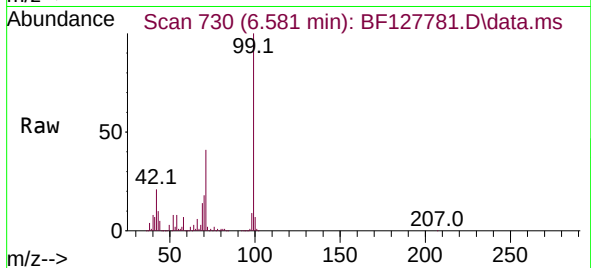




#7
Phenol-d6
Concen: 118.319 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

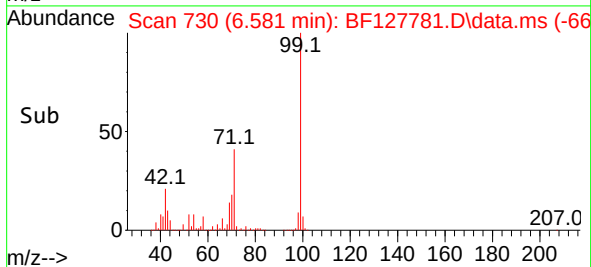
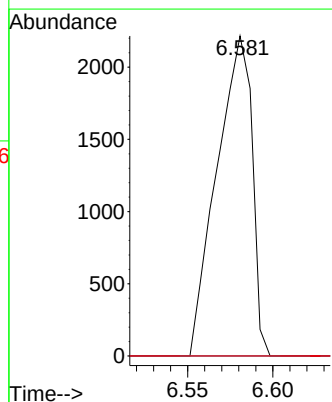
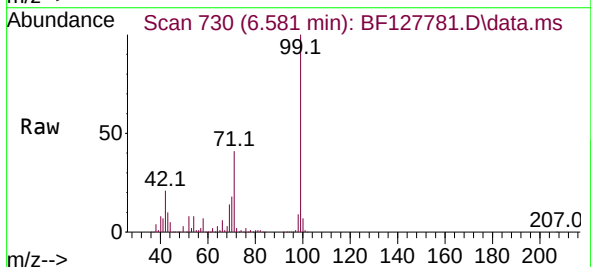
Instrument :
BNA_F
ClientSampleId :
PB144086BL

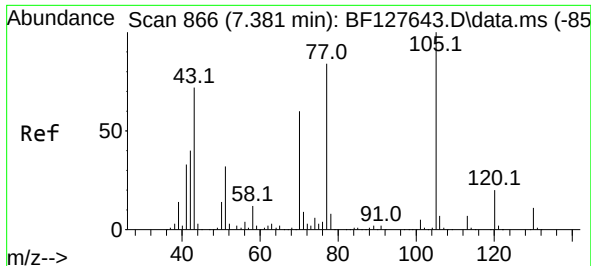
Tgt Ion: 99 Resp: 1703455
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 41.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.065 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

Tgt Ion: 77 Resp: 3191
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: 18.241 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.147 min

Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

Instrument :

BNA_F

ClientSampleId :

PB144086BL

Tgt Ion: 70 Resp: 169858

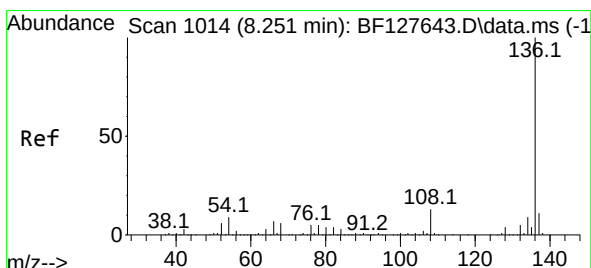
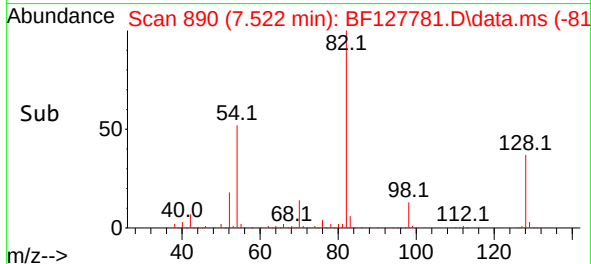
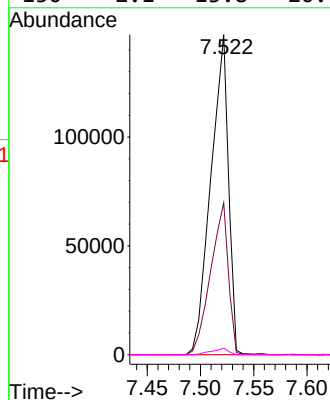
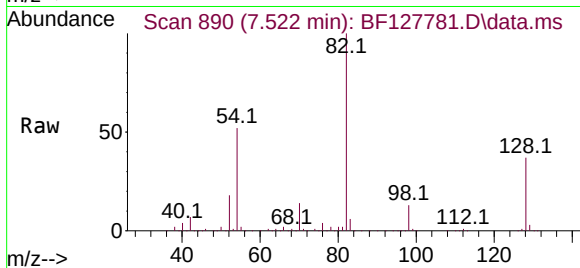
Ion Ratio Lower Upper

70 100

42 47.4 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 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: BF127781.D

Acq: 13 Apr 2022 13:38

Tgt Ion: 136 Resp: 678800

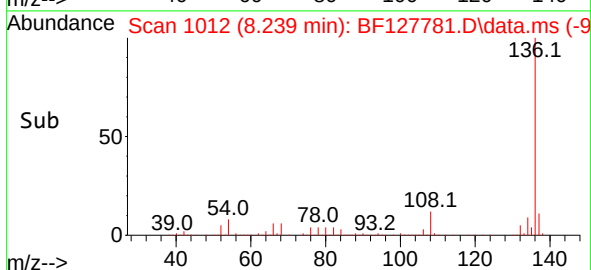
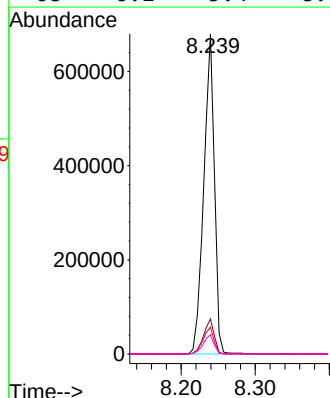
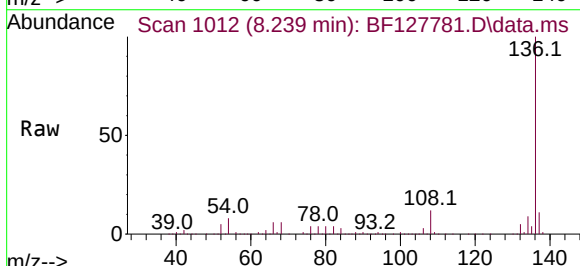
Ion Ratio Lower Upper

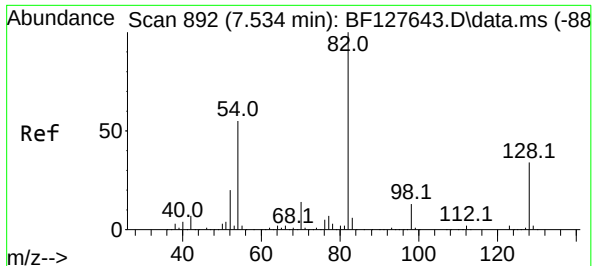
136 100

137 10.9 8.6 13.0

54 8.4 9.2 13.8#

68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.748 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

Instrument :

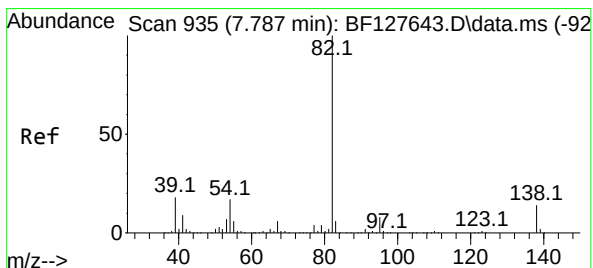
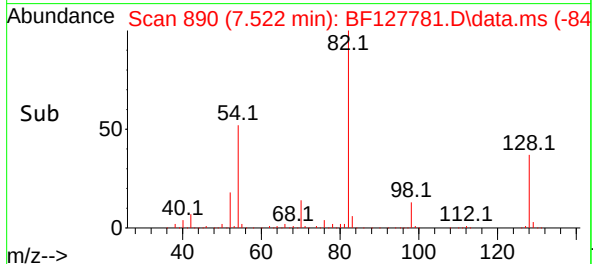
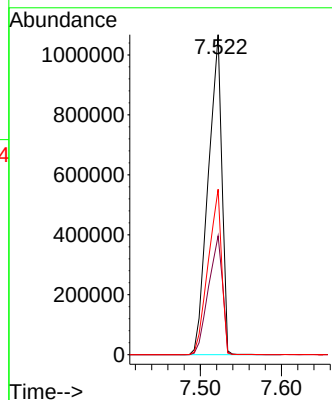
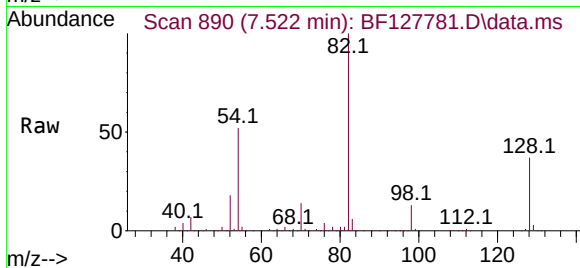
BNA_F

ClientSampleId :

PB144086BL

Tgt Ion: 82 Resp: 1244705

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.6	45.8
54	51.7	48.2	72.2



#25

Isophorone

Concen: 46.485 ng

RT: 7.522 min Scan# 890

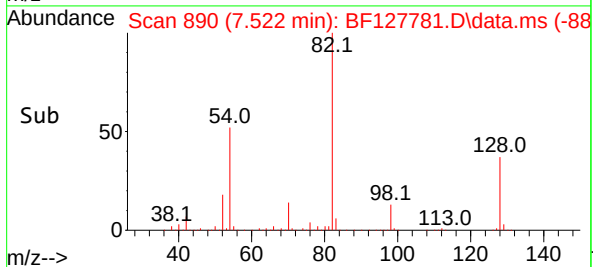
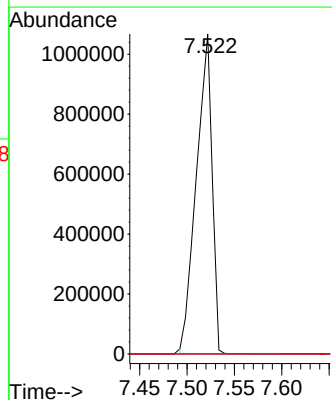
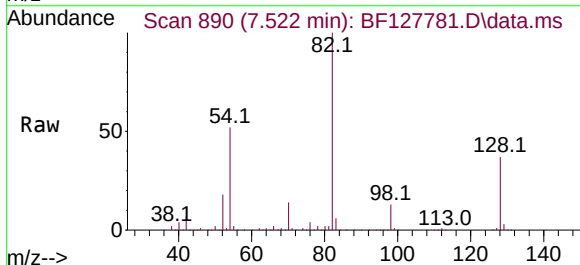
Delta R.T. -0.265 min

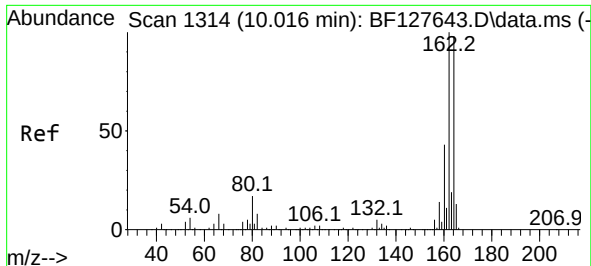
Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

Tgt Ion: 82 Resp: 1235048

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: BF127781.D

Acq: 13 Apr 2022 13:38

Instrument :

BNA_F

ClientSampleId :

PB144086BL

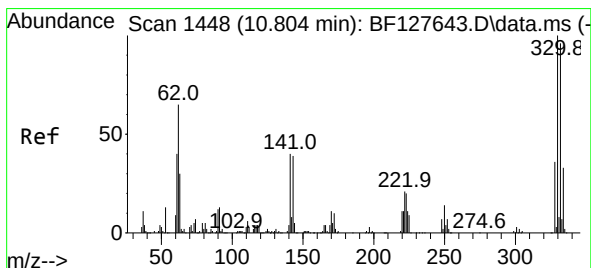
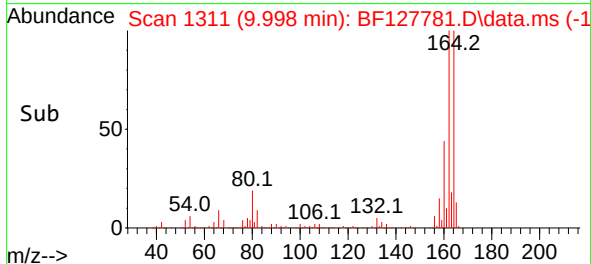
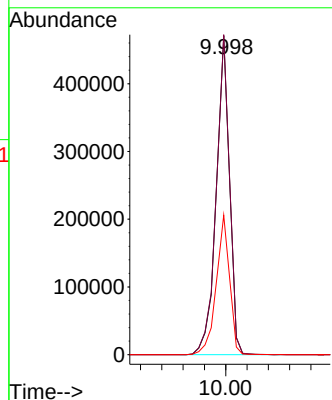
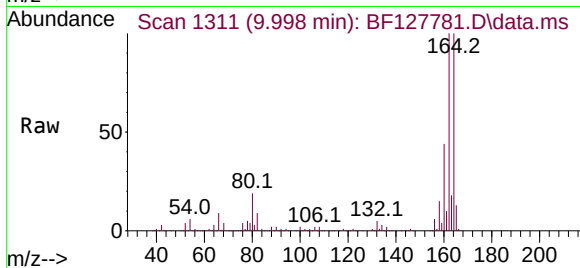
Tgt Ion:164 Resp: 405563

Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

160 43.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 132.384 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

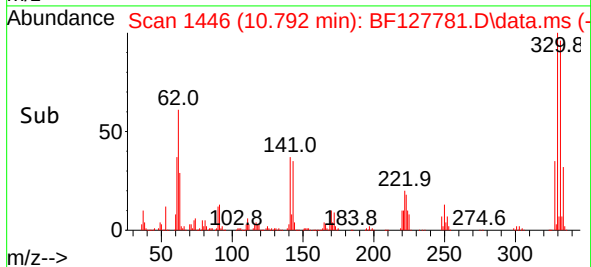
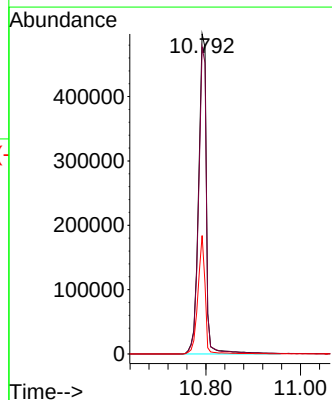
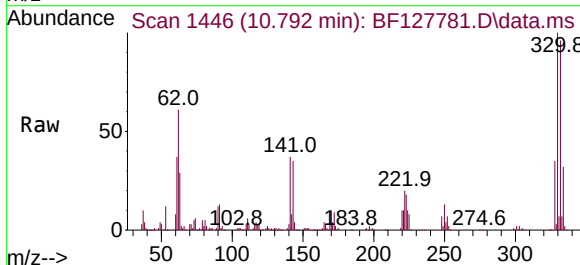
Tgt Ion:330 Resp: 571343

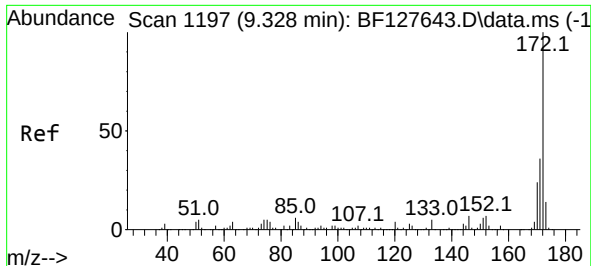
Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 34.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 76.456 ng

RT: 9.316 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

Instrument :

BNA_F

ClientSampleId :

PB144086BL

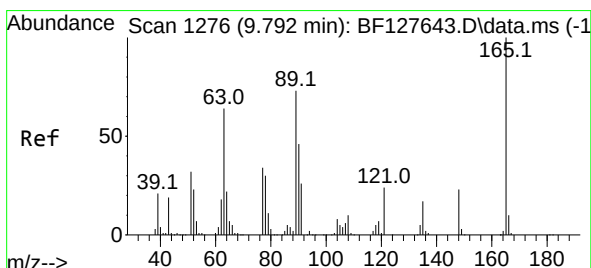
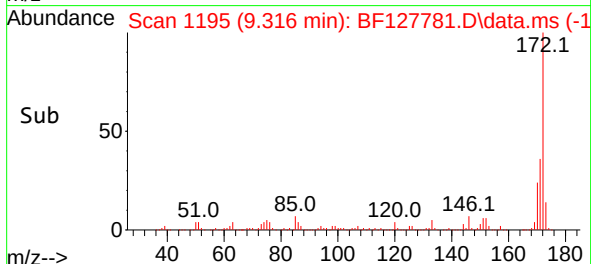
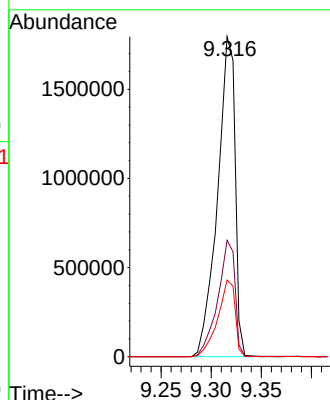
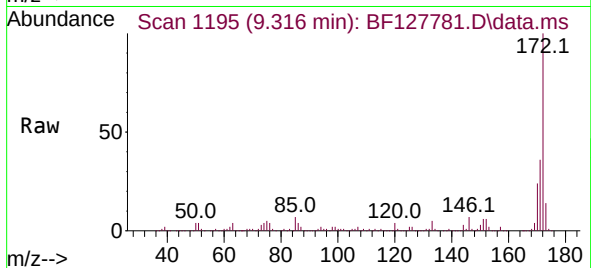
Tgt Ion:172 Resp: 2191862

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.466 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127781.D

Acq: 13 Apr 2022 13:38

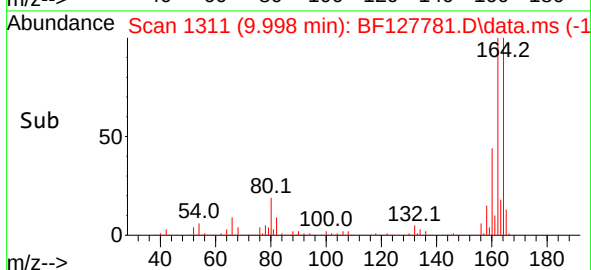
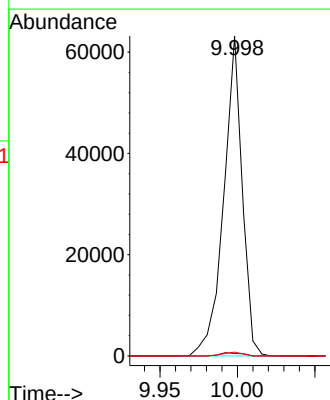
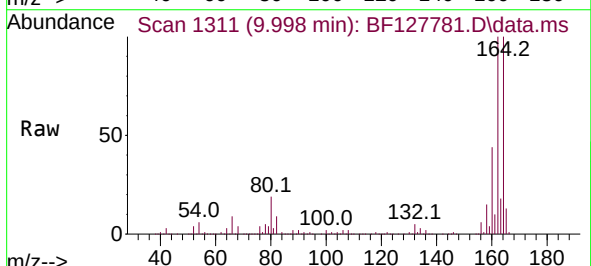
Tgt Ion:165 Resp: 52456

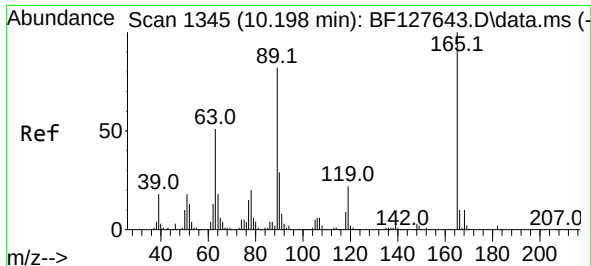
Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.2 51.5 77.3#

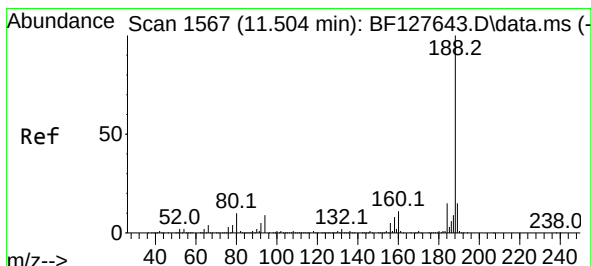
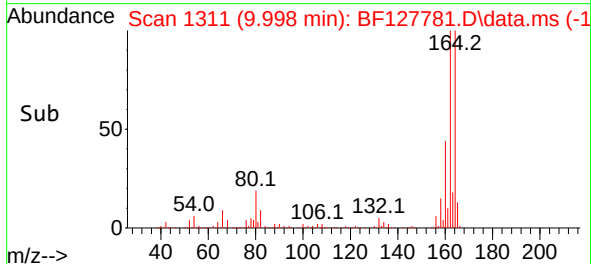
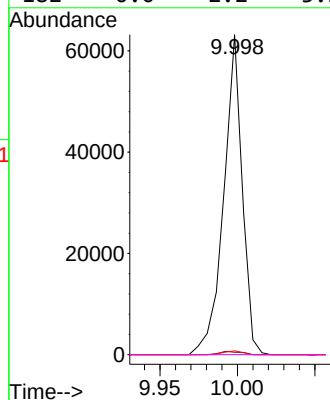
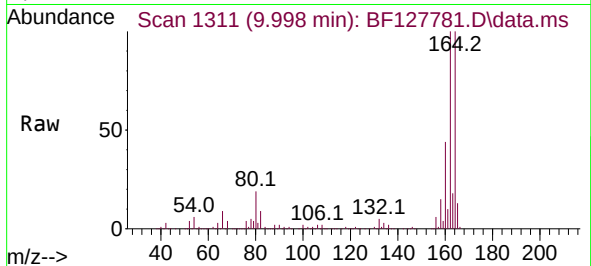




#57
2,4-Dinitrotoluene
Concen: 7.635 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

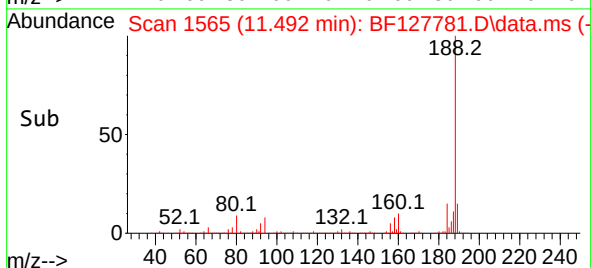
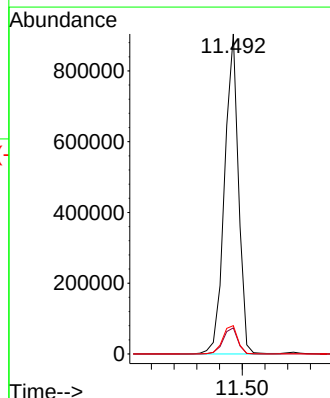
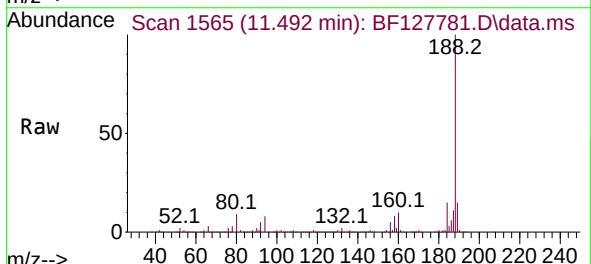
Instrument :
BNA_F
ClientSampleId :
PB144086BL

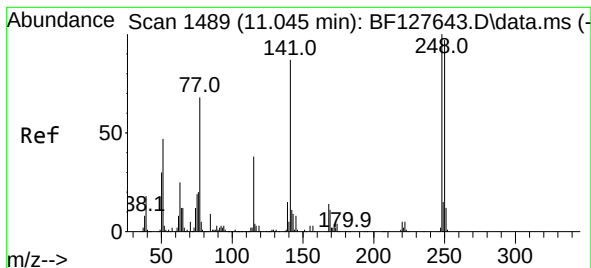
Tgt Ion:165 Resp: 52456
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

Tgt Ion:188 Resp: 771381
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.0
80 8.9 8.0 12.0

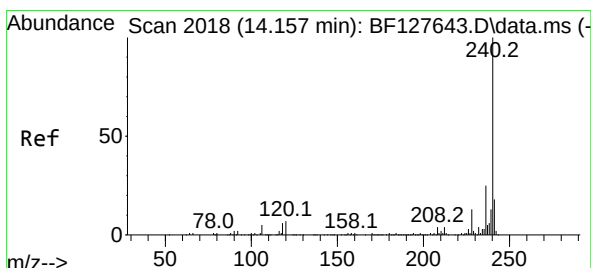
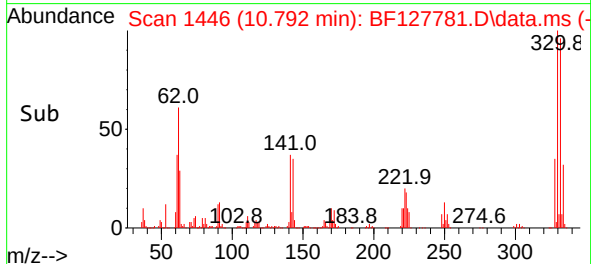
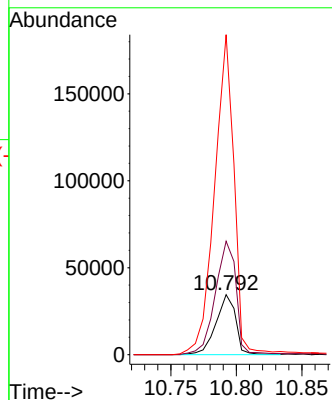
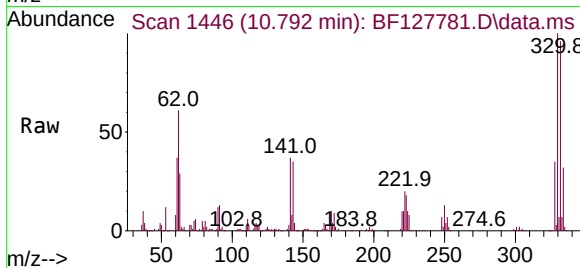




#67
4-Bromophenyl-phenylether
Concen: 3.862 ng
RT: 10.792 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

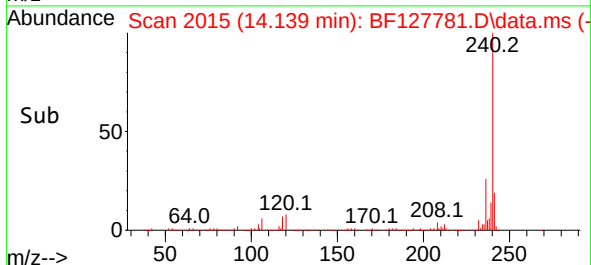
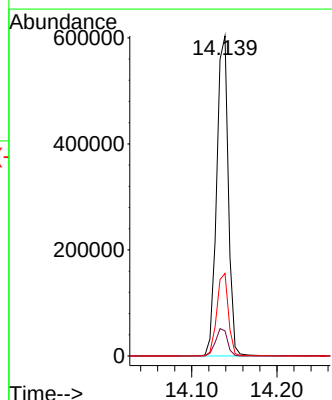
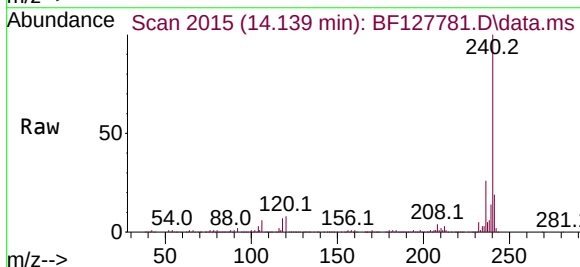
Instrument :
BNA_F
ClientSampleId :
PB144086BL

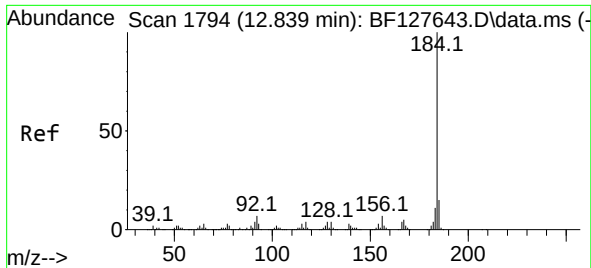
Tgt Ion:248 Resp: 36153
Ion Ratio Lower Upper
248 100
250 189.1 76.6 115.0#
141 533.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

Tgt Ion:240 Resp: 575182
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.8 20.7 31.1

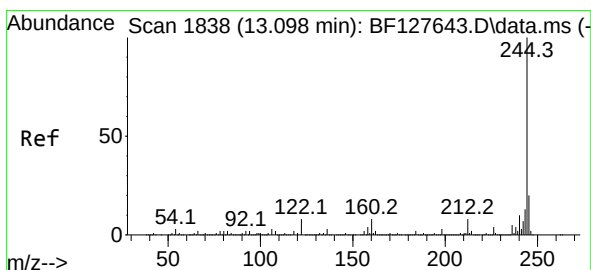
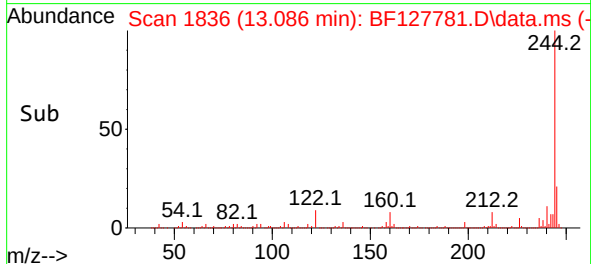
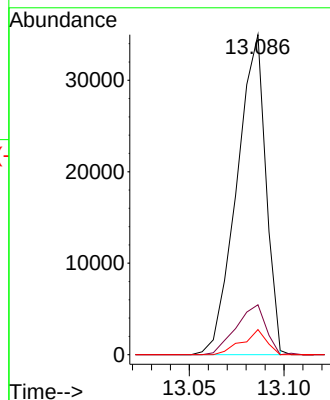
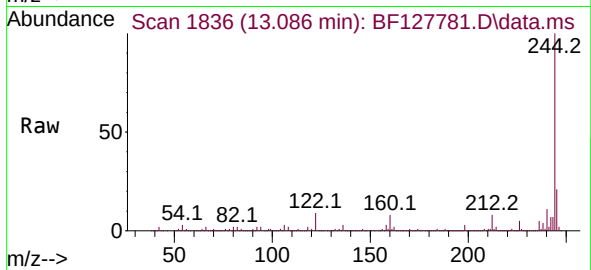




#77
Benzidine
Concen: 2.488 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.259 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

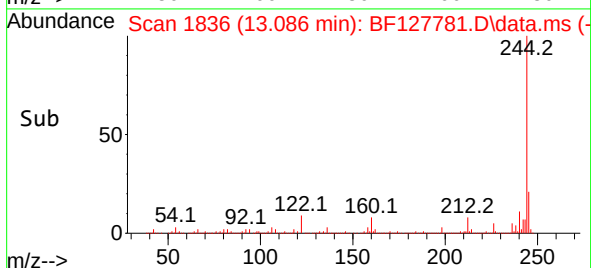
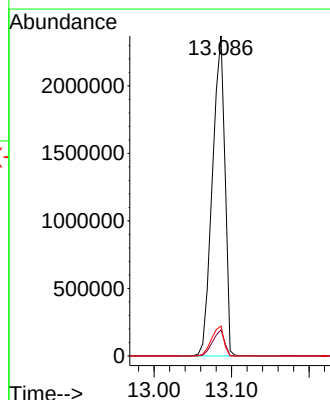
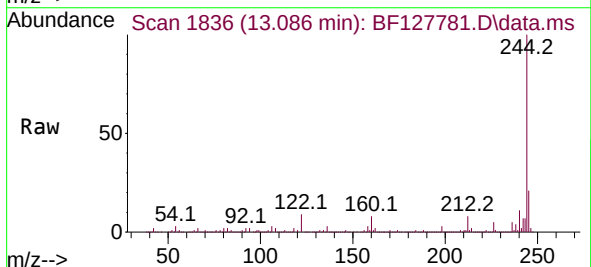
Instrument :
BNA_F
ClientSampleId :
PB144086BL

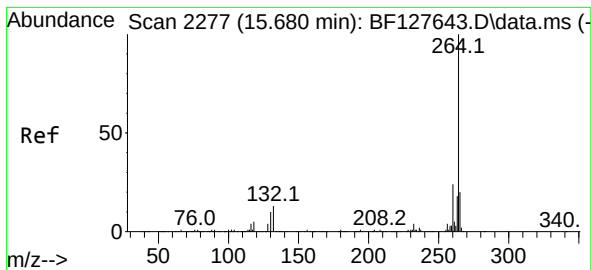
Tgt Ion:184 Resp: 37350
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 76.335 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BF127781.D
Acq: 13 Apr 2022 13:38

Tgt Ion:244 Resp: 2660017
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.3 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127781.D

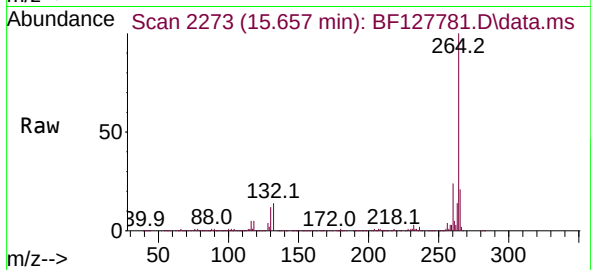
Acq: 13 Apr 2022 13:38

Instrument :

BNA_F

ClientSampleId :

PB144086BL



Tgt Ion:264 Resp: 408115

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.4 17.4 26.2

