

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127670.D
 Acq On : 07 Apr 2022 01:55
 Operator : CG\JU
 Sample : N2272-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 07 02:41:19 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 06 13:55:27 2022
 Response via : Initial Calibration

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

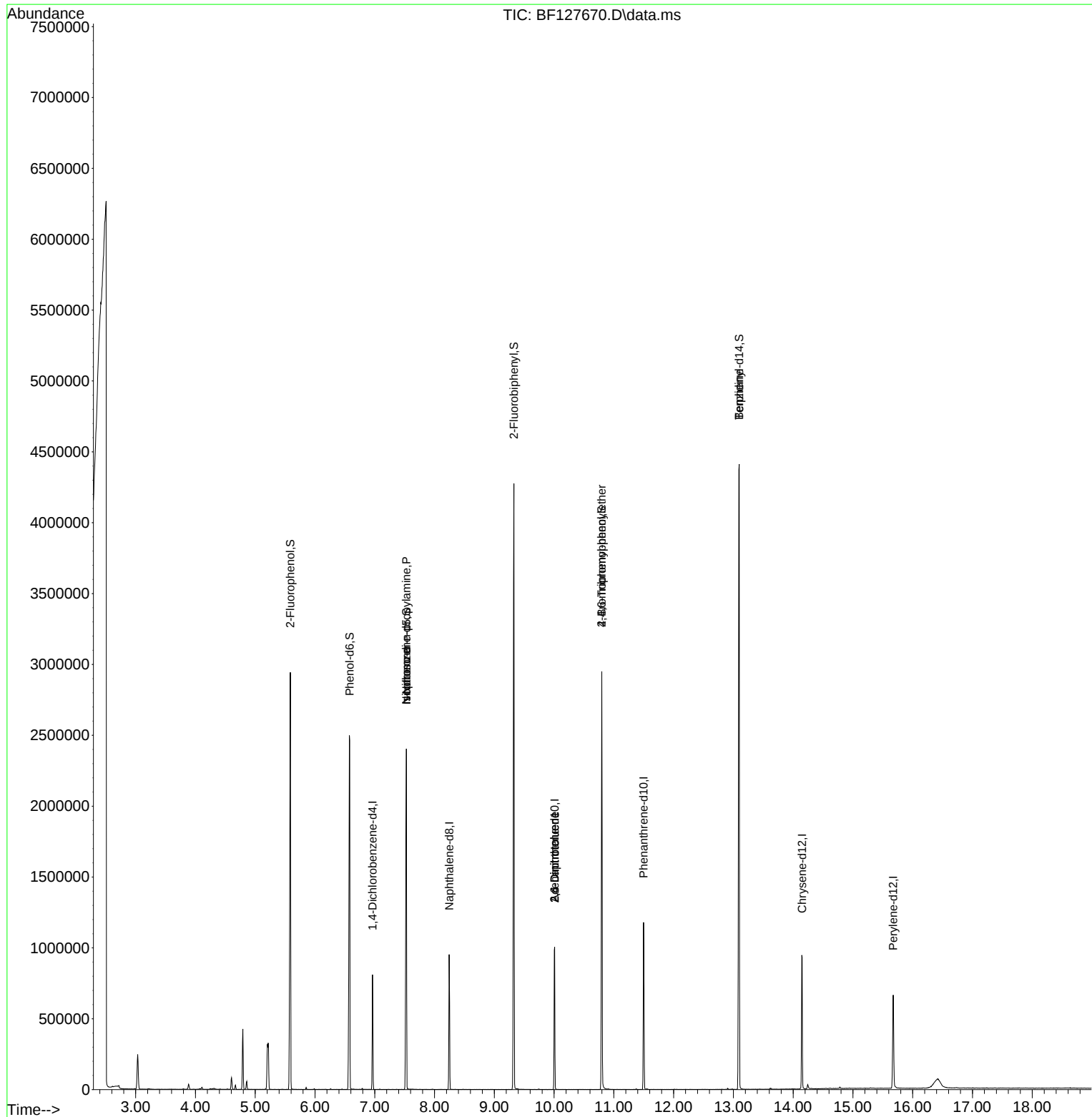
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	97887	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	355332	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	209365	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	407810	20.000	ng	0.00
76) Chrysene-d12	14.151	240	352716	20.000	ng	0.00
86) Perylene-d12	15.674	264	314722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	749205	124.366	ng	0.00
7) Phenol-d6	6.581	99	899389	114.123	ng	0.00
23) Nitrobenzene-d5	7.528	82	721560	90.530	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	315220	141.484	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1303166	88.054	ng	0.00
79) Terphenyl-d14	13.098	244	1764063	82.553	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	1922	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	99639	19.548	ng	# 75
25) Isophorone	7.528	82	721553	51.881	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	26572	9.289	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	26572	7.492	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	21105	4.264	ng	# 1
77) Benizidine	13.098	184	26656	2.895	ng	# 91

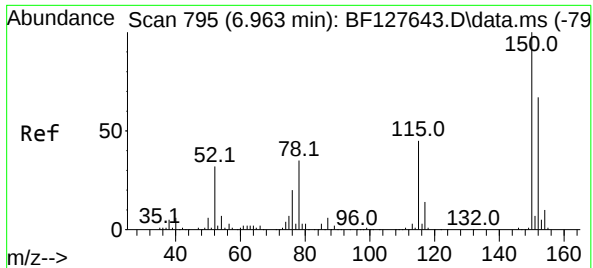
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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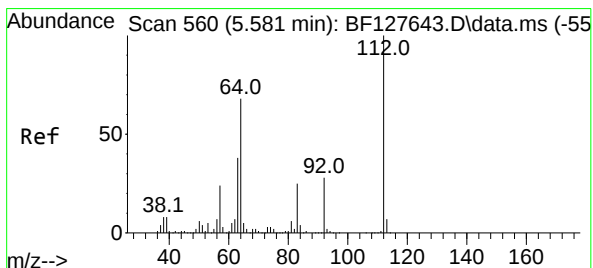
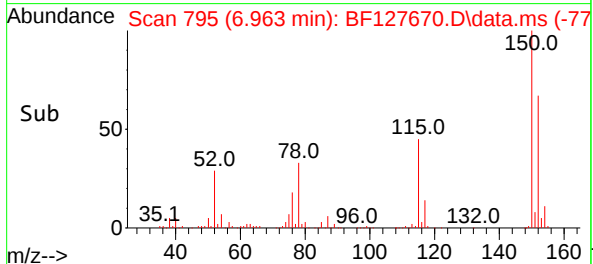
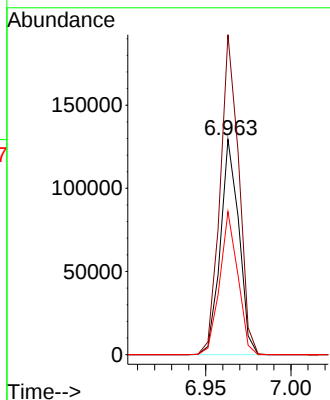
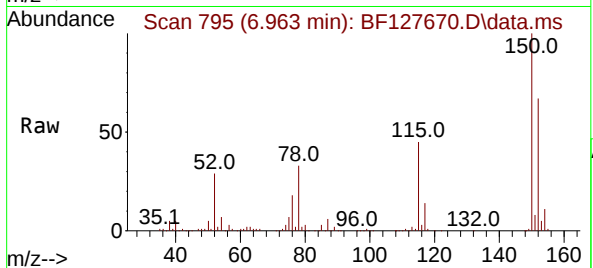




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

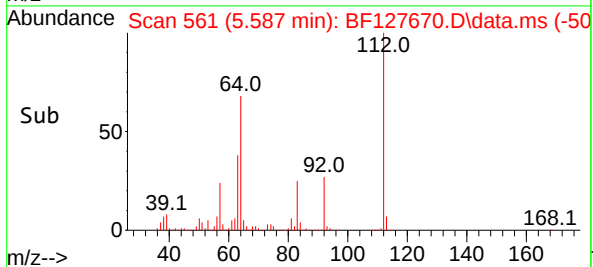
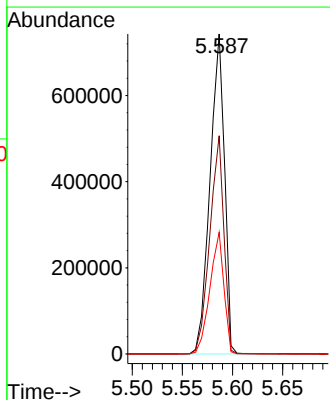
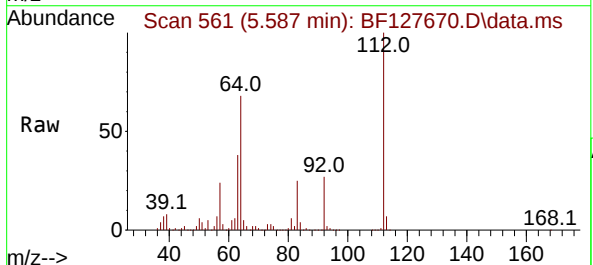
Instrument :
BNA_F
ClientSampleId :
TP-1

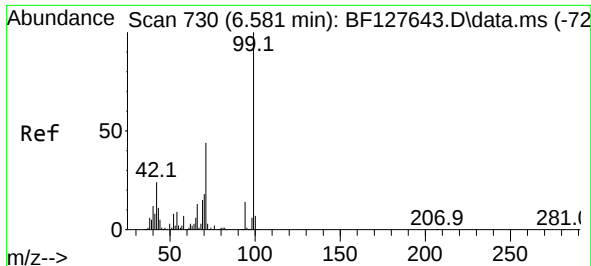
Tgt Ion:152 Resp: 97887
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 66.4 49.8 74.6



#5
2-Fluorophenol
Concen: 124.366 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion:112 Resp: 749205
Ion Ratio Lower Upper
112 100
64 68.2 58.4 87.6
63 38.0 30.1 45.1



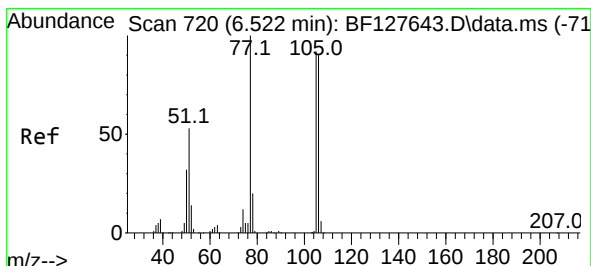
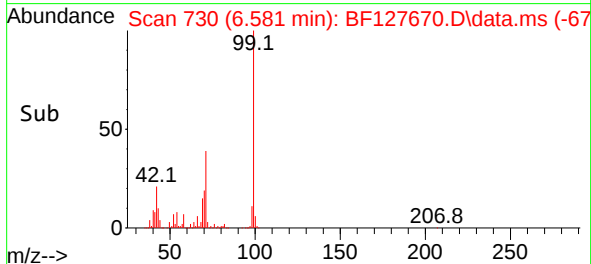
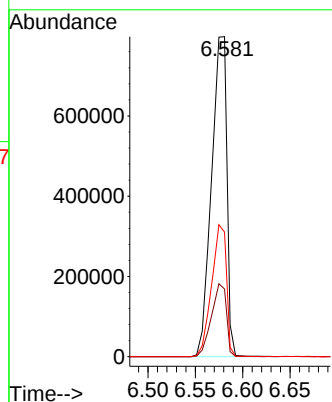
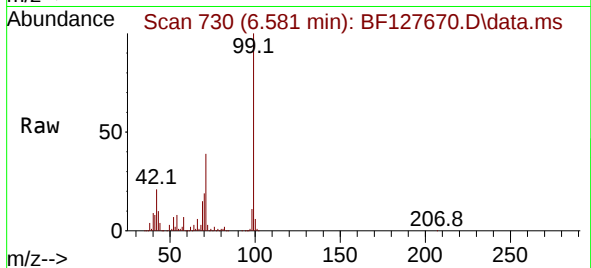


#7
Phenol-d6
Concen: 114.123 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 899389

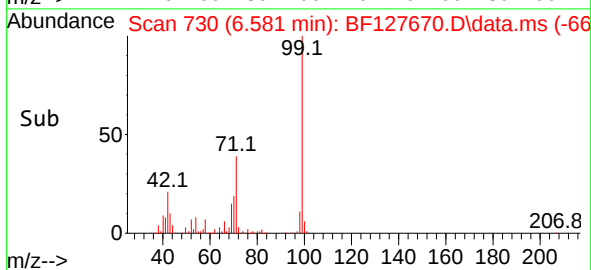
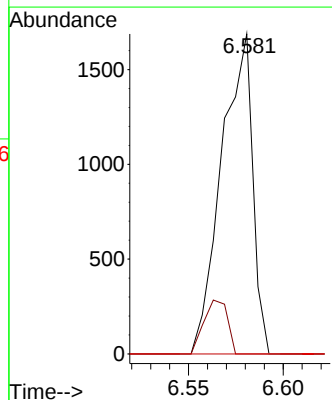
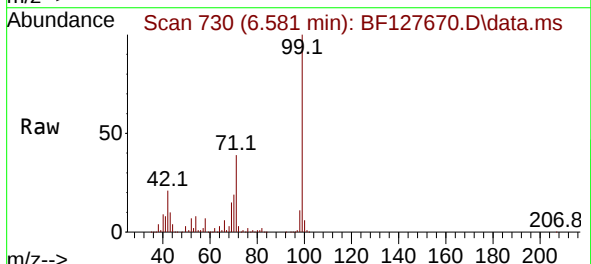
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	38.9	29.6	44.4

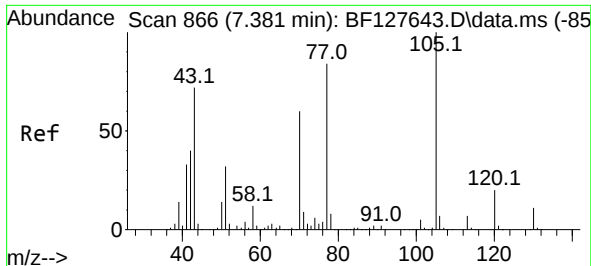


#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion: 77 Resp: 1922

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: 19.548 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 70 Resp: 99639

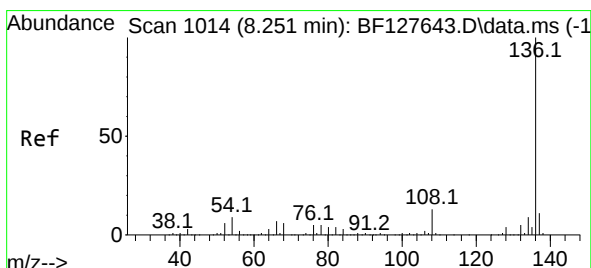
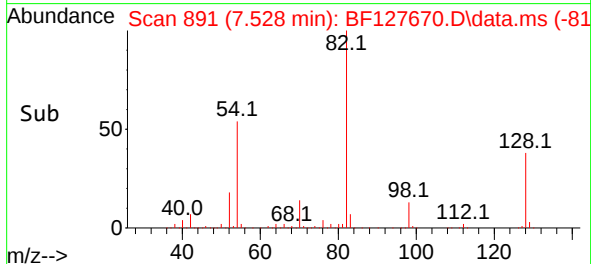
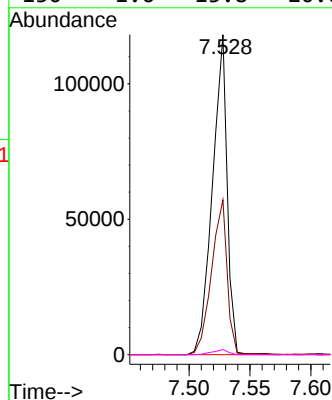
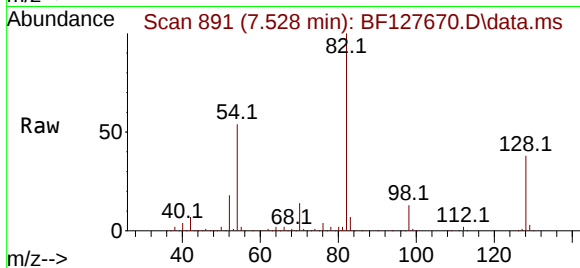
Ion Ratio Lower Upper

70 100

42 48.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

Tgt Ion: 136 Resp: 355332

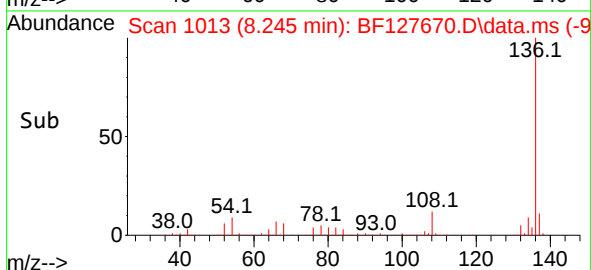
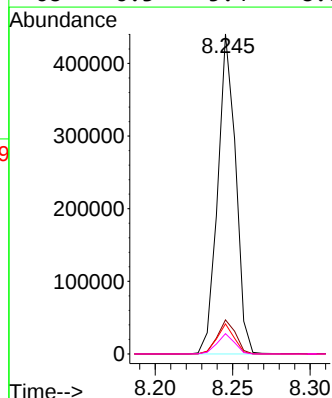
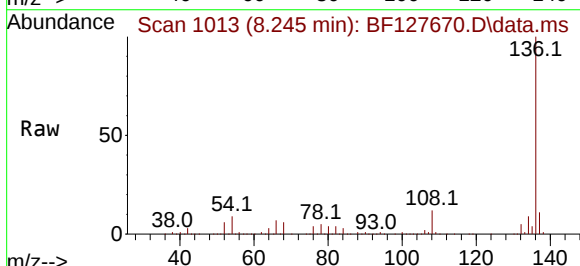
Ion Ratio Lower Upper

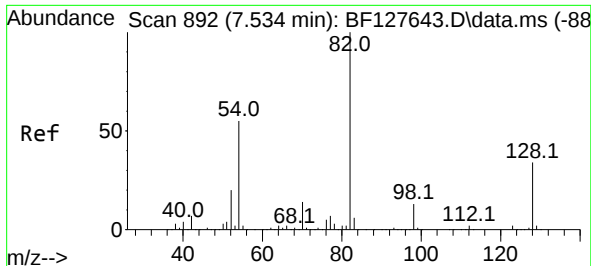
136 100

137 10.7 8.6 13.0

54 9.4 9.2 13.8

68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.530 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

Instrument :

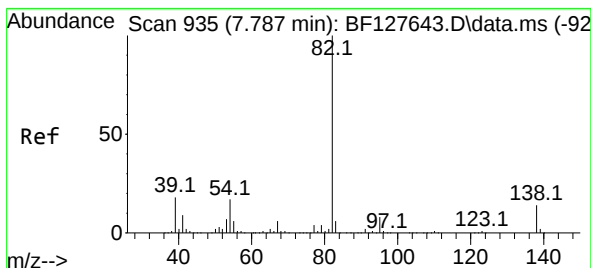
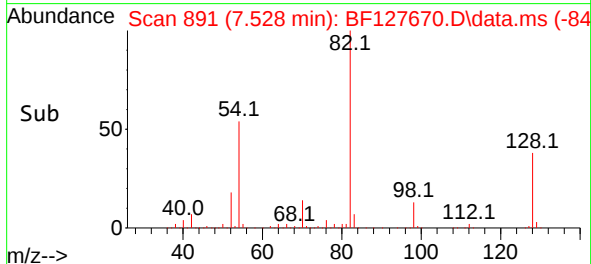
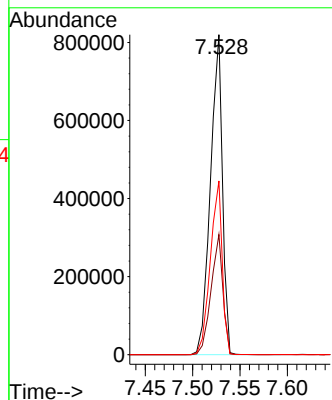
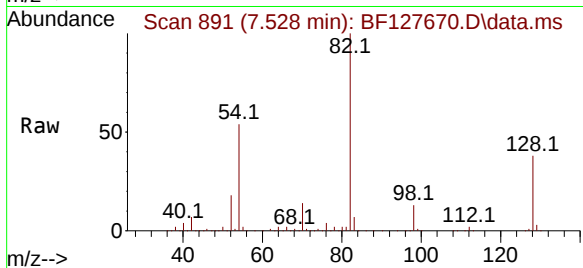
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 721560

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.6	45.8
54	54.3	48.2	72.2



#25

Isophorone

Concen: 51.881 ng

RT: 7.528 min Scan# 891

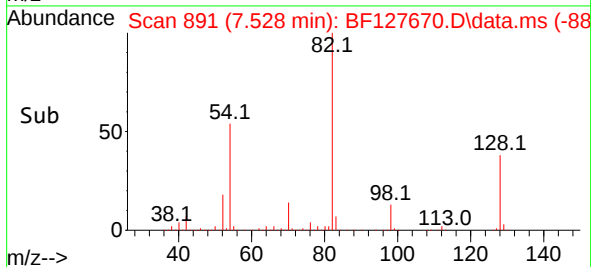
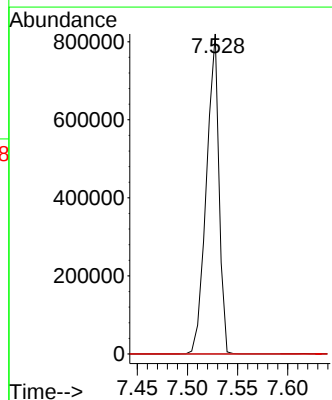
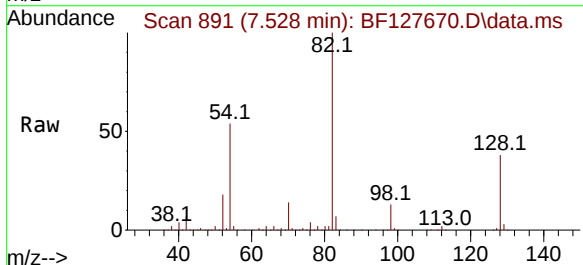
Delta R.T. -0.259 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

Tgt Ion: 82 Resp: 721553

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

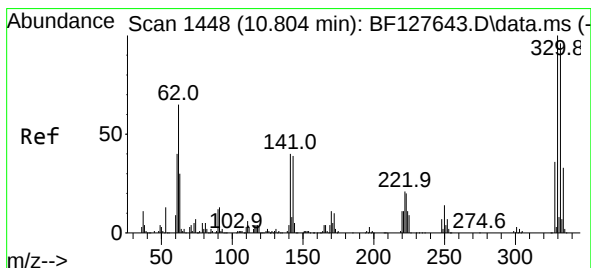
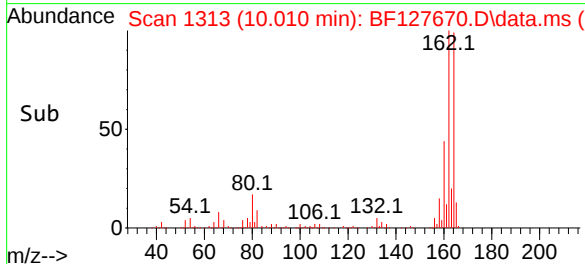
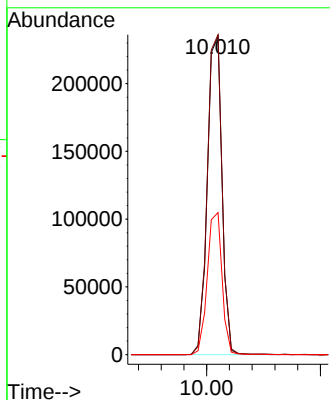
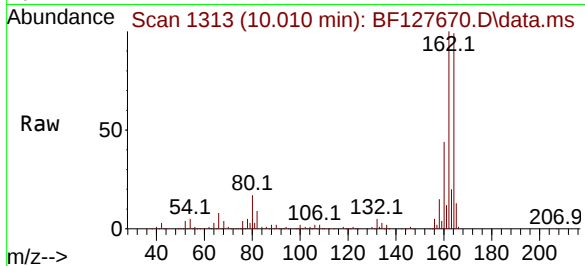




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

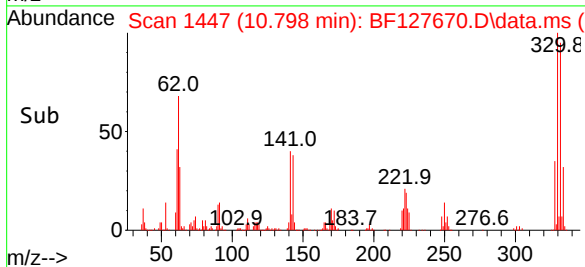
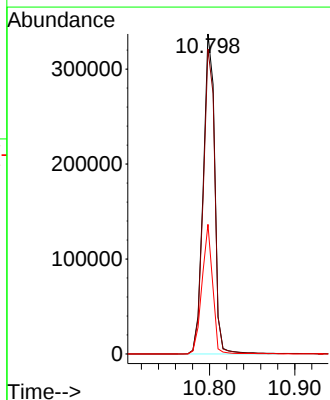
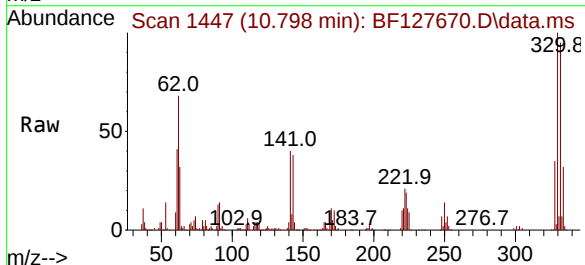
Instrument :
BNA_F
ClientSampleId :
TP-1

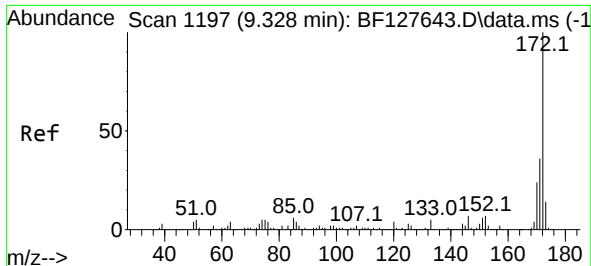
Tgt Ion:164 Resp: 209365
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 141.484 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion:330 Resp: 315220
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 37.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 88.054 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

Instrument :

BNA_F

ClientSampleId :

TP-1

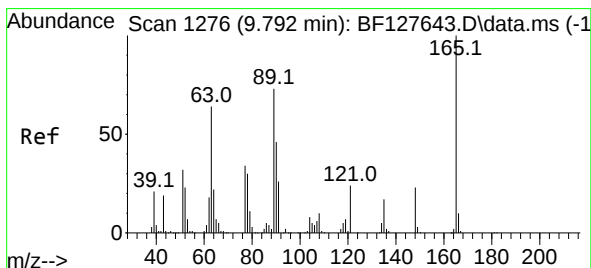
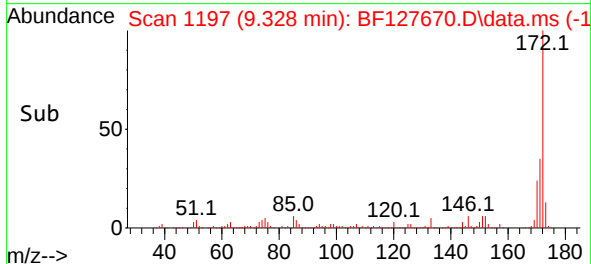
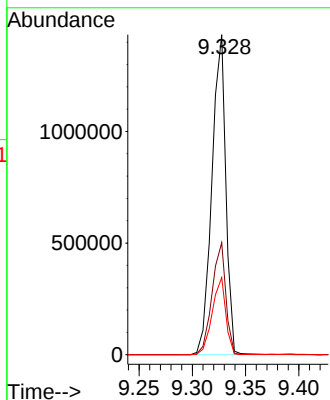
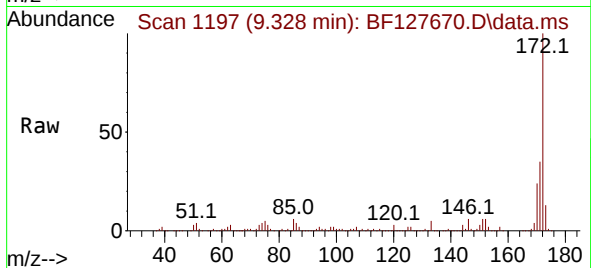
Tgt Ion:172 Resp: 1303166

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.289 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127670.D

Acq: 07 Apr 2022 01:55

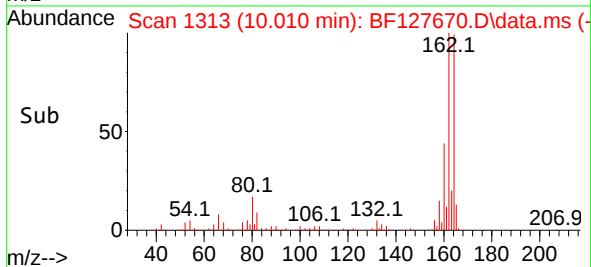
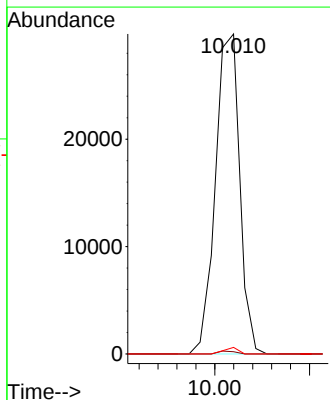
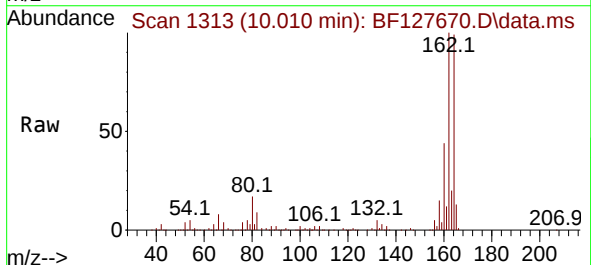
Tgt Ion:165 Resp: 26572

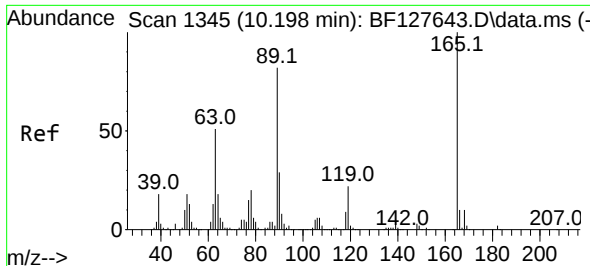
Ion Ratio Lower Upper

165 100

63 0.7 58.3 87.5#

89 2.0 51.5 77.3#

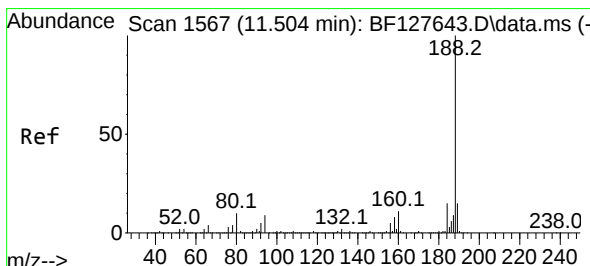
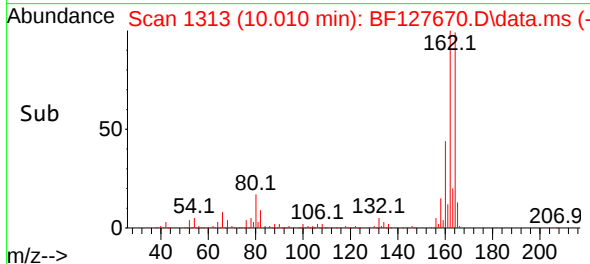
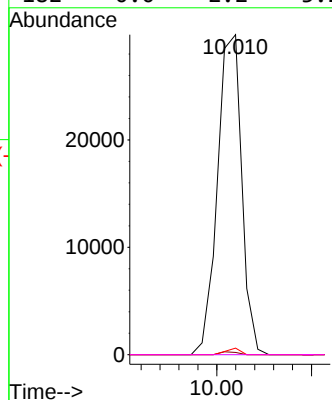
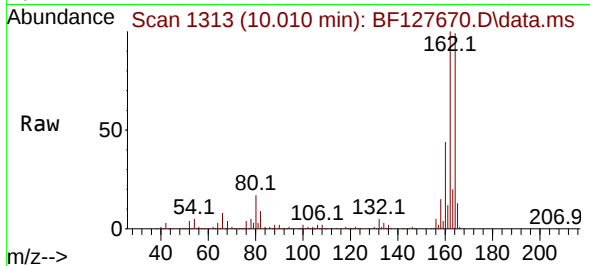




#57
2,4-Dinitrotoluene
Concen: 7.492 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

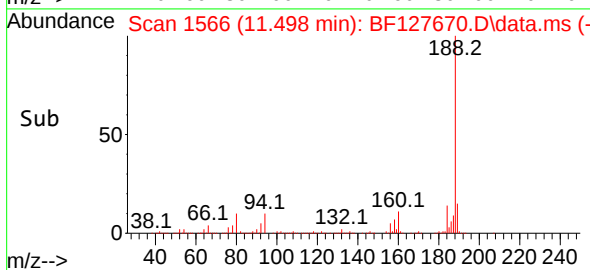
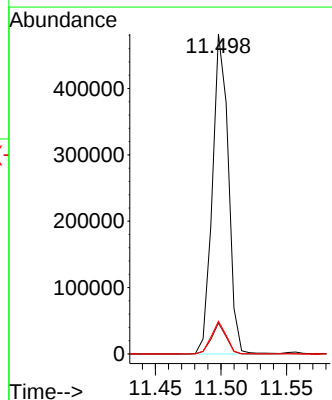
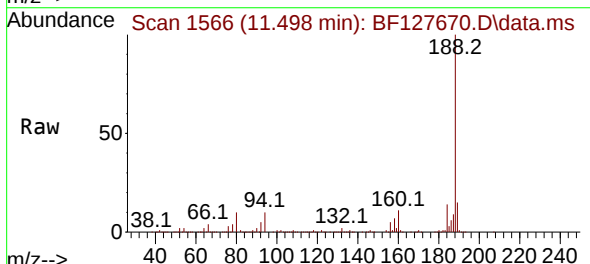
Instrument :
BNA_F
ClientSampleId :
TP-1

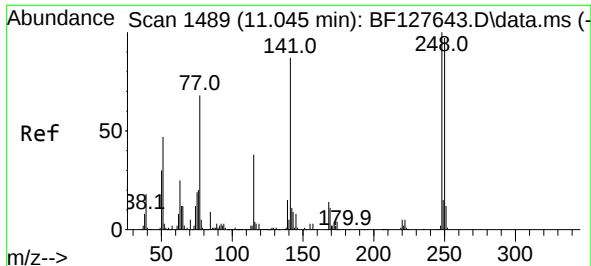
Tgt Ion:165 Resp: 26572
Ion Ratio Lower Upper
165 100
63 0.7 53.1 79.7#
89 2.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion:188 Resp: 407810
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.3 8.0 12.0

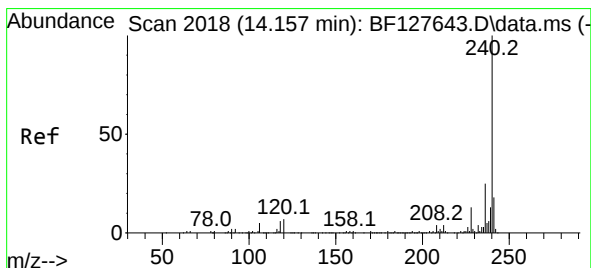
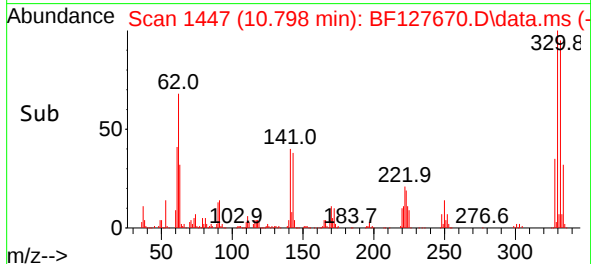
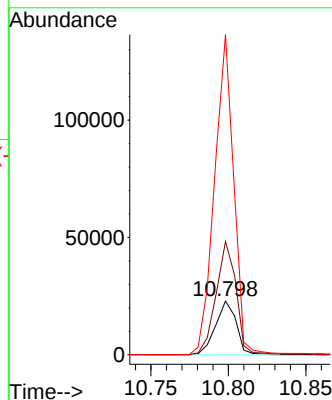
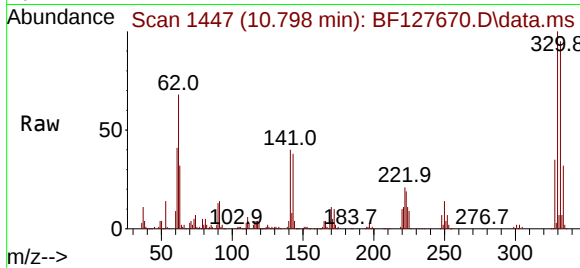




#67
4-Bromophenyl-phenylether
Concen: 4.264 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

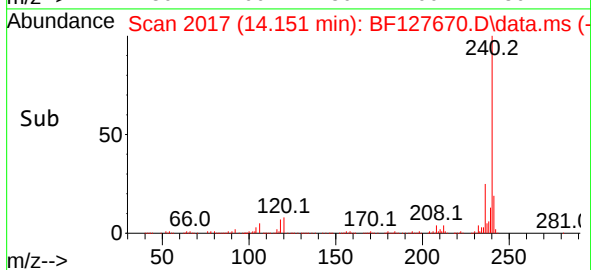
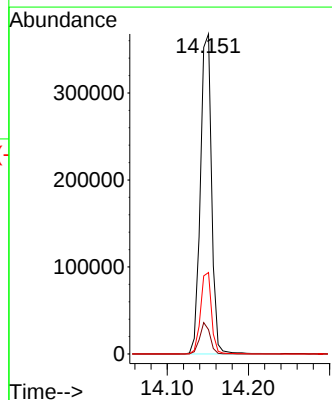
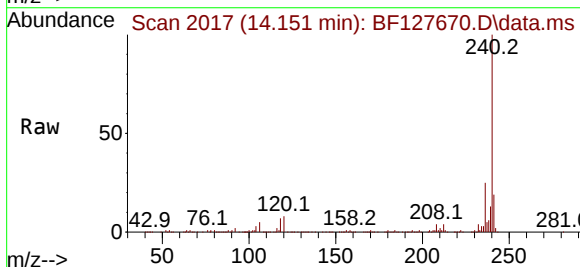
Instrument :
BNA_F
ClientSampleId :
TP-1

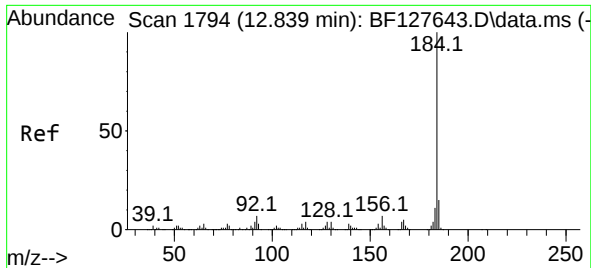
Tgt Ion:248 Resp: 21105
Ion Ratio Lower Upper
248 100
250 211.1 76.6 115.0#
141 596.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion:240 Resp: 352716
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.5 20.7 31.1

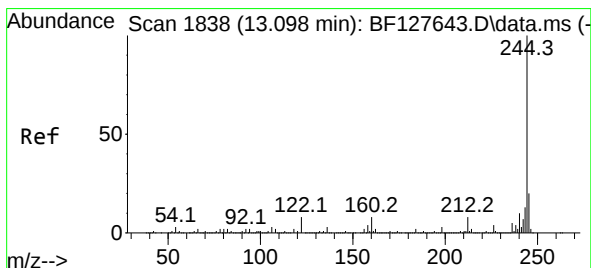
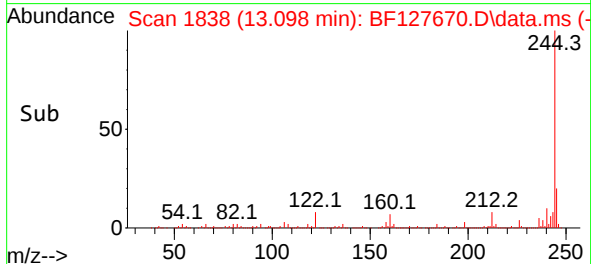
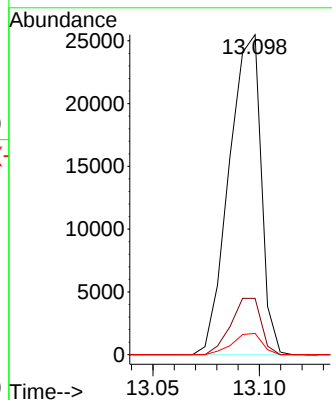
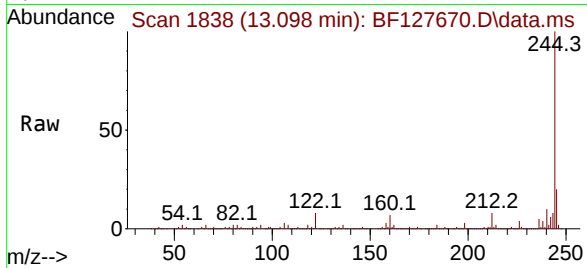




#77
Benzidine
Concen: 2.895 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

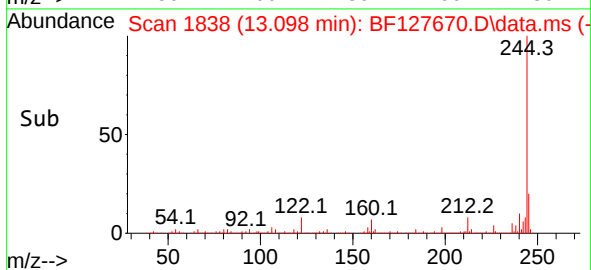
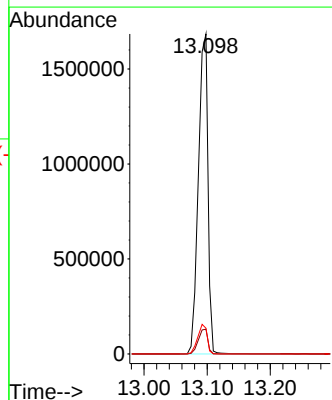
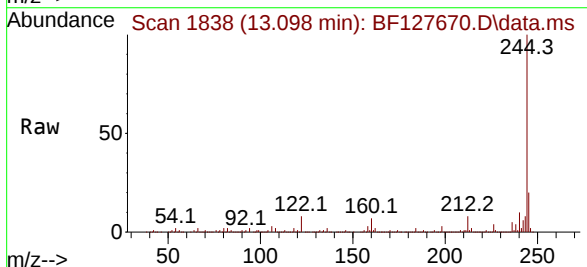
Instrument :
BNA_F
ClientSampleId :
TP-1

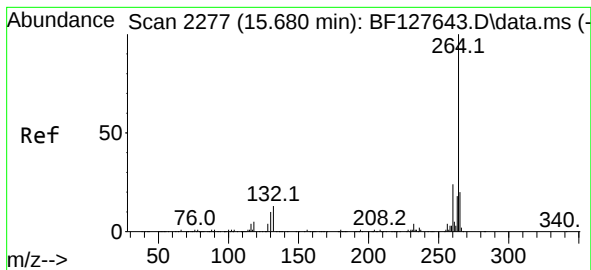
Tgt Ion:184 Resp: 26656
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 6.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.553 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127670.D
Acq: 07 Apr 2022 01:55

Tgt Ion:244 Resp: 1764063
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.1 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127670.D
 Acq: 07 Apr 2022 01:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 314722
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 20.0 17.4 26.2

