

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127686.D
 Acq On : 07 Apr 2022 16:26
 Operator : CG\JU
 Sample : PB143890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143890BL

Quant Time: Apr 07 17:22:48 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)

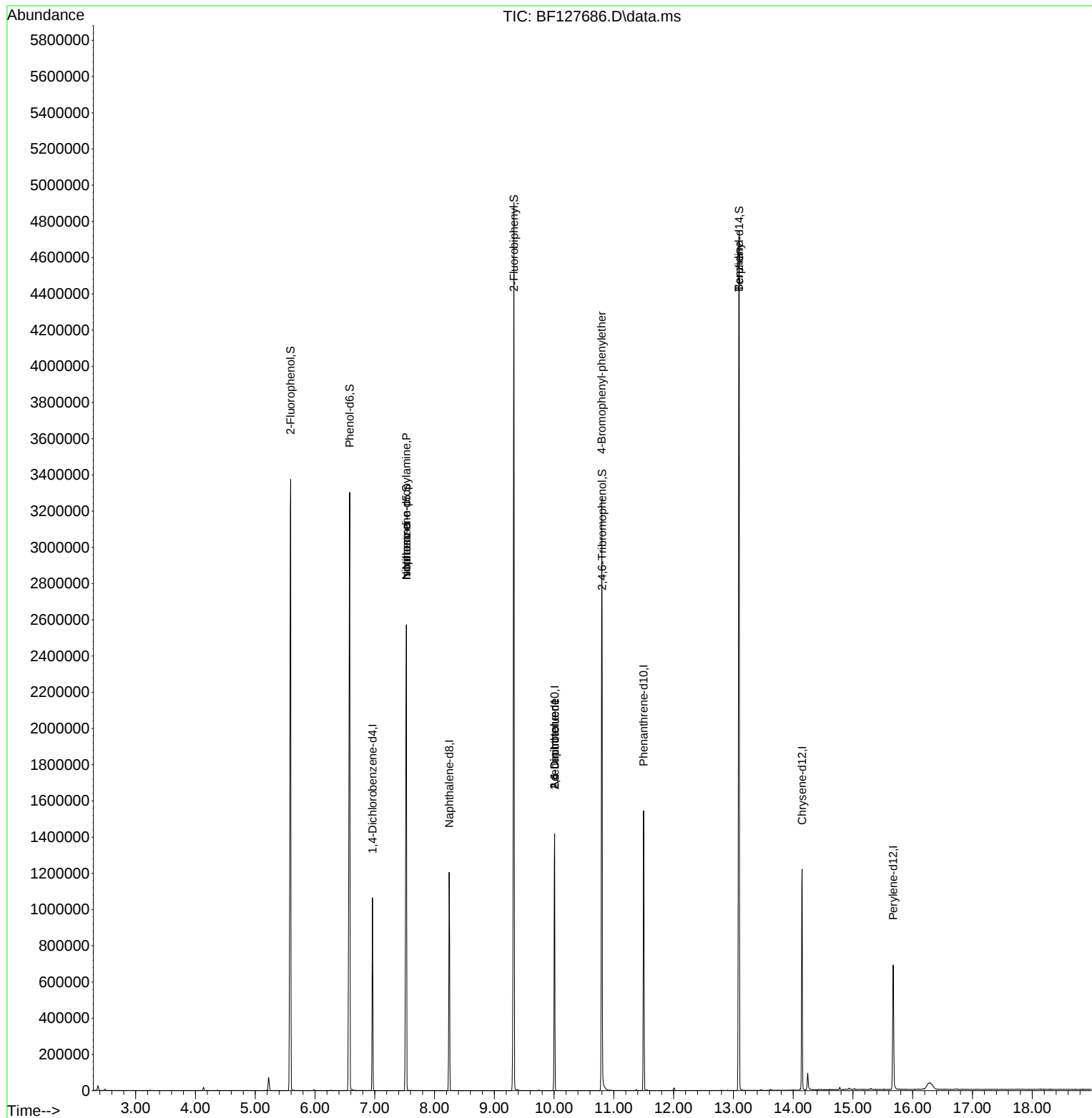
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	135365	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	502526	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	296373	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	553009	20.000	ng	0.00
76) Chrysene-d12	14.151	240	445121	20.000	ng	0.00
86) Perylene-d12	15.674	264	331818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	984791	118.213	ng	0.01
7) Phenol-d6	6.581	99	1262199	115.817	ng	0.00
23) Nitrobenzene-d5	7.528	82	908657	80.611	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	408359	129.479	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1558685	74.400	ng	0.00
79) Terphenyl-d14	13.098	244	1958913	72.641	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2446	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	123027	17.454	ng	# 78
25) Isophorone	7.528	82	908637	46.196	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	38356	9.472	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	38356	7.640	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	26730	3.983	ng	# 1
77) Benizidine	13.092	184	29038	2.499	ng	# 93

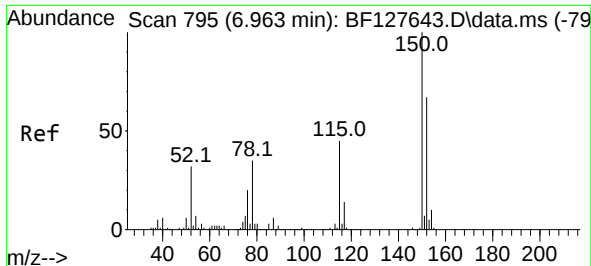
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127686.D
Acq On : 07 Apr 2022 16:26
Operator : CG\JU
Sample : PB143890BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143890BL

Quant Time: Apr 07 17:22:48 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

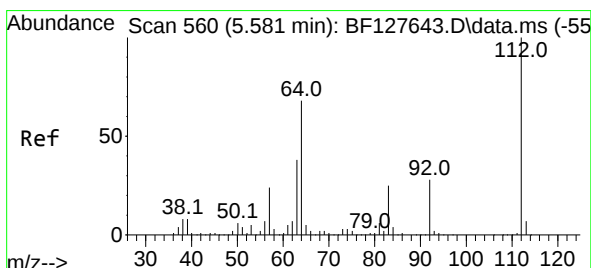
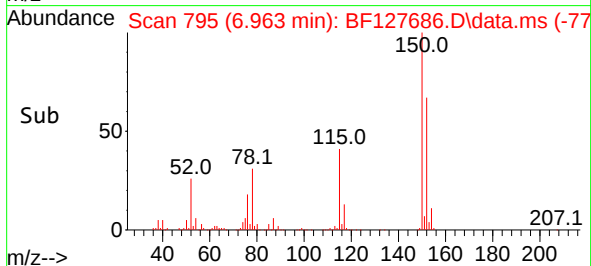
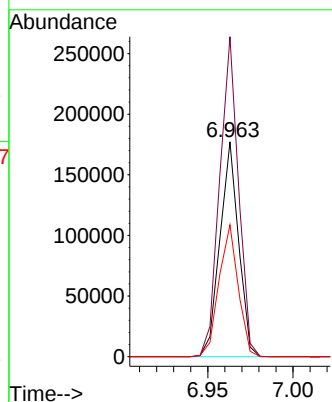
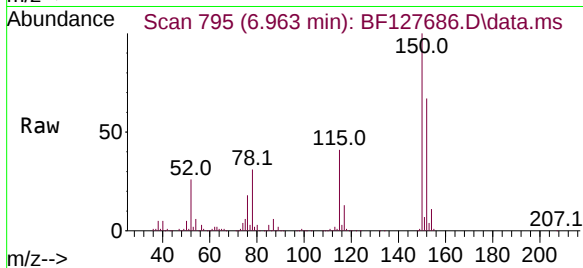




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

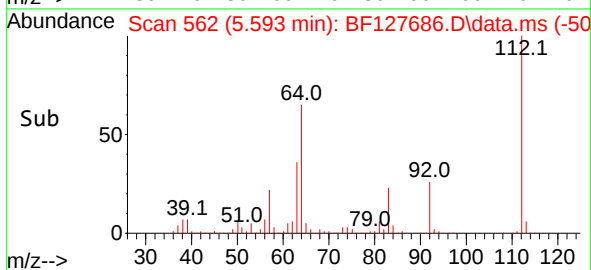
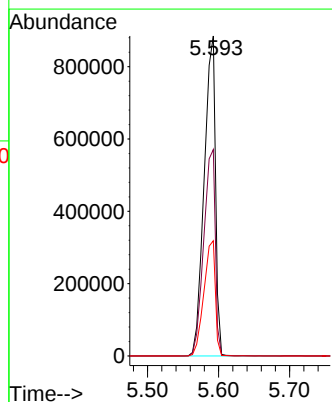
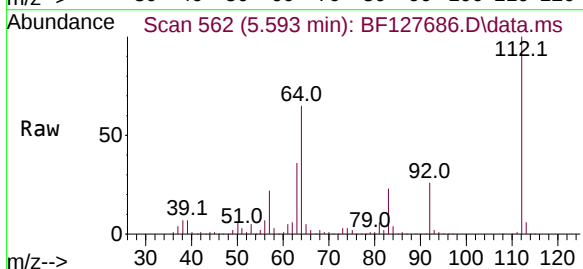
Instrument :
BNA_F
ClientSampleId :
PB143890BL

Tgt Ion:152 Resp: 135365
Ion Ratio Lower Upper
152 100
150 148.9 117.2 175.8
115 61.4 49.8 74.6



#5
2-Fluorophenol
Concen: 118.213 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

Tgt Ion:112 Resp: 984791
Ion Ratio Lower Upper
112 100
64 64.5 58.4 87.6
63 36.0 30.1 45.1

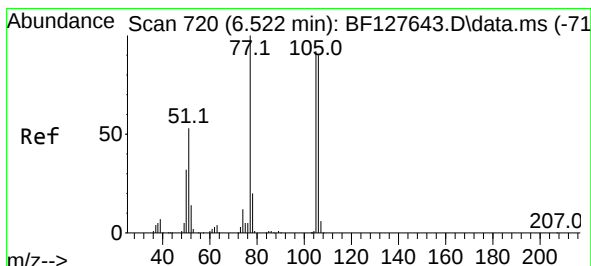
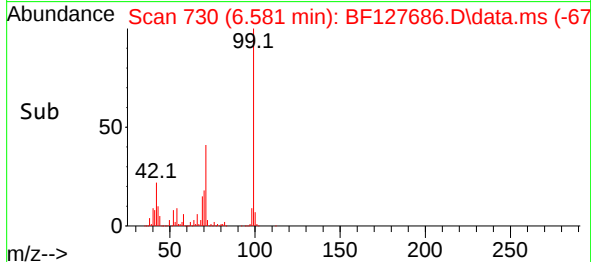
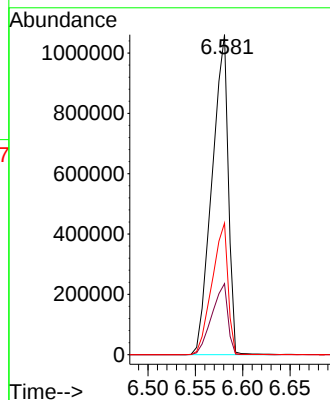
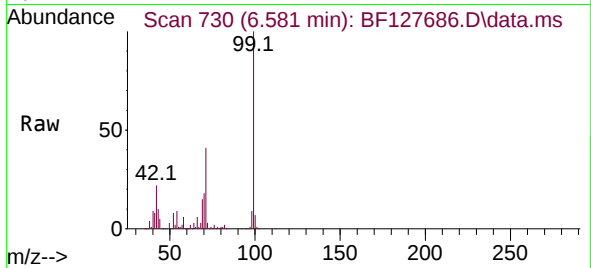




#7
Phenol-d6
Concen: 115.817 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

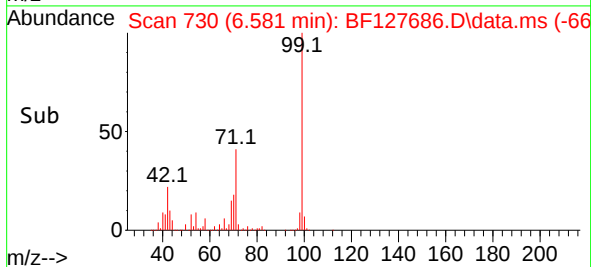
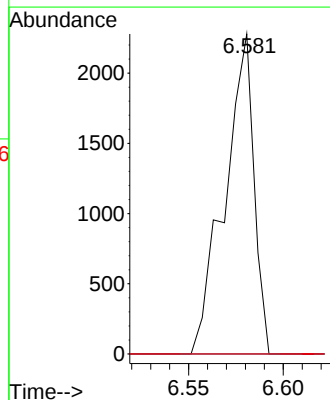
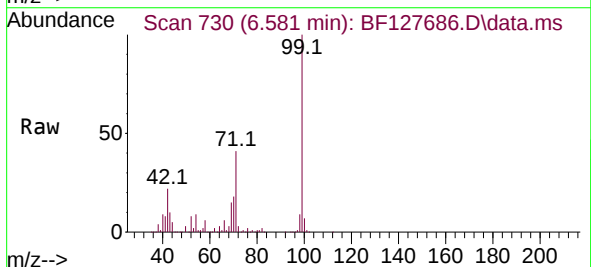
Instrument :
BNA_F
ClientSampleId :
PB143890BL

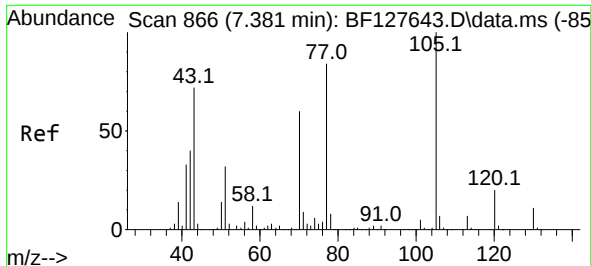
Tgt Ion: 99 Resp: 1262199
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 41.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

Tgt Ion: 77 Resp: 2446
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: 17.454 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127686.D

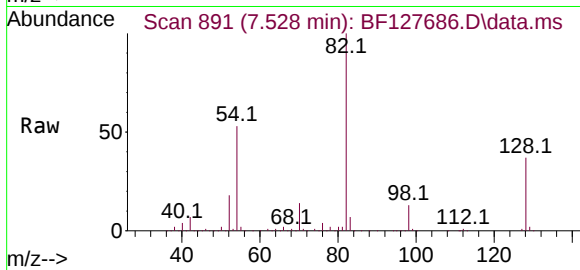
Acq: 07 Apr 2022 16:26

Instrument :

BNA_F

ClientSampleId :

PB143890BL



Tgt Ion: 70 Resp: 123027

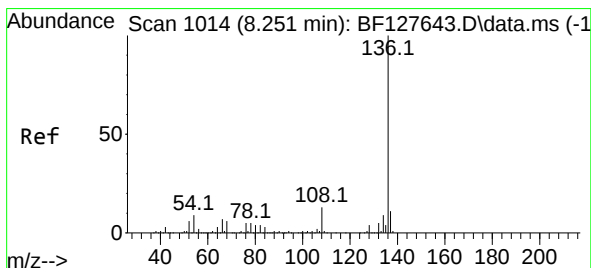
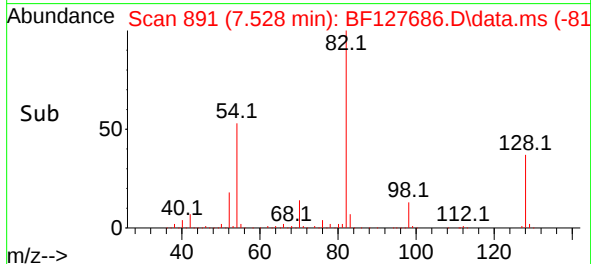
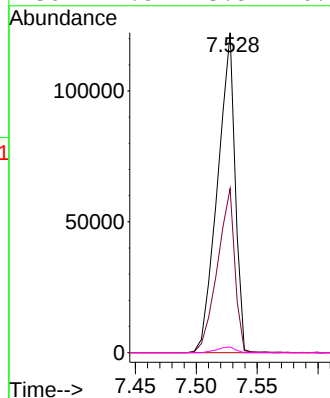
Ion Ratio Lower Upper

70 100

42 51.3 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: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127686.D

Acq: 07 Apr 2022 16:26

Tgt Ion: 136 Resp: 502526

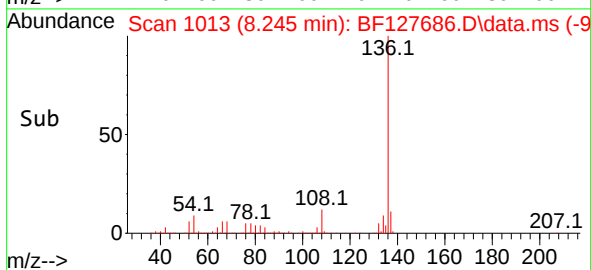
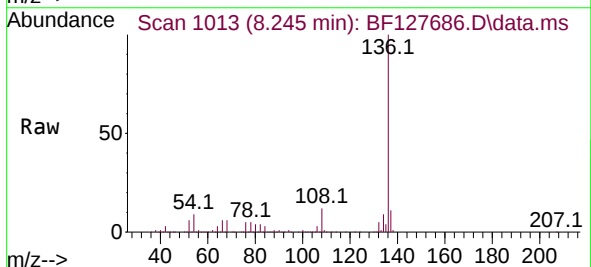
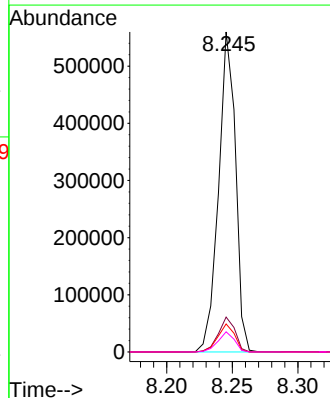
Ion Ratio Lower Upper

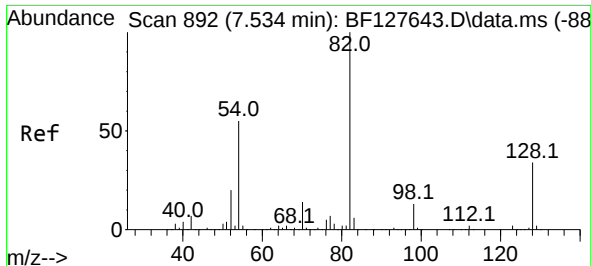
136 100

137 10.9 8.6 13.0

54 8.8 9.2 13.8#

68 6.3 5.4 8.0

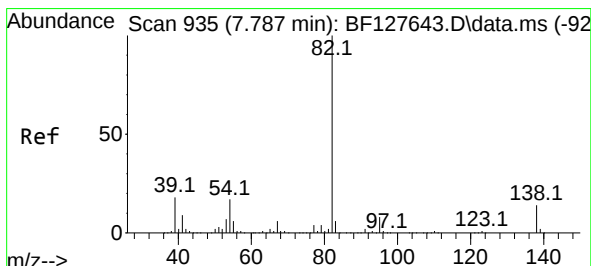
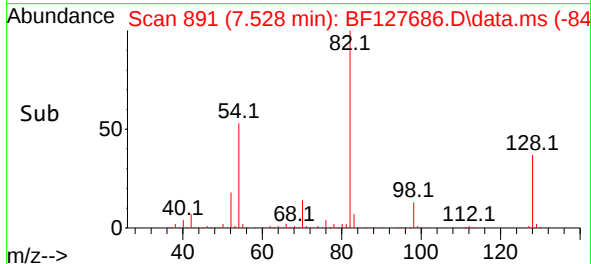
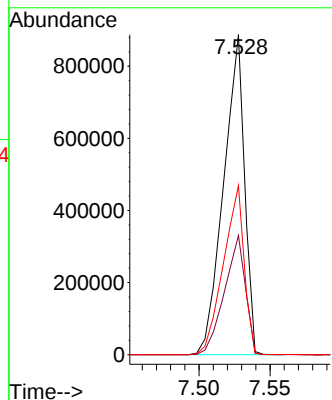
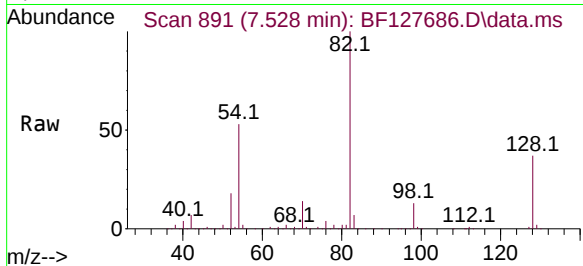




#23
Nitrobenzene-d5
Concen: 80.611 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

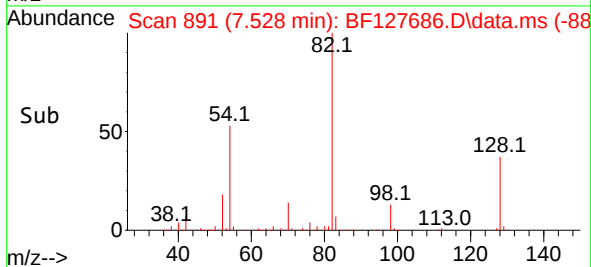
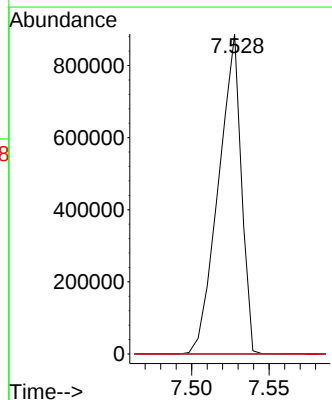
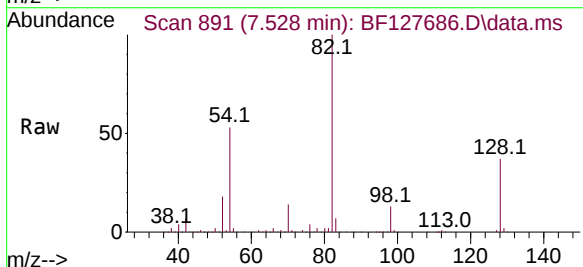
Instrument :
BNA_F
ClientSampleId :
PB143890BL

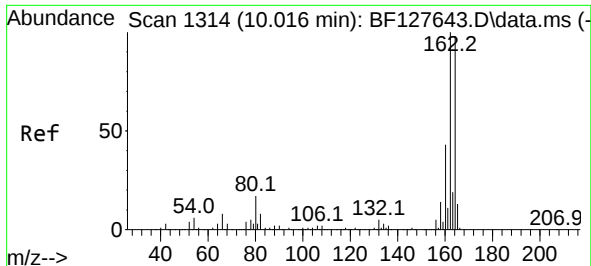
Tgt Ion: 82 Resp: 908657
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 52.9 48.2 72.2



#25
Isophorone
Concen: 46.196 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

Tgt Ion: 82 Resp: 908637
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

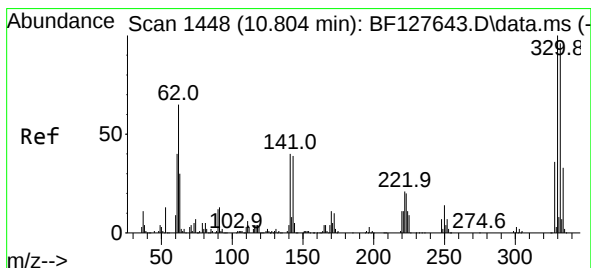
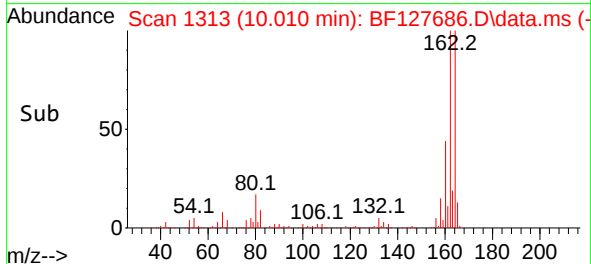
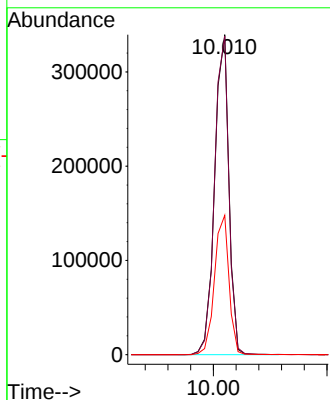
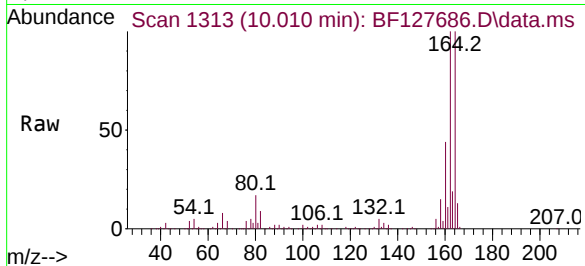




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127686.D
 Acq: 07 Apr 2022 16:26

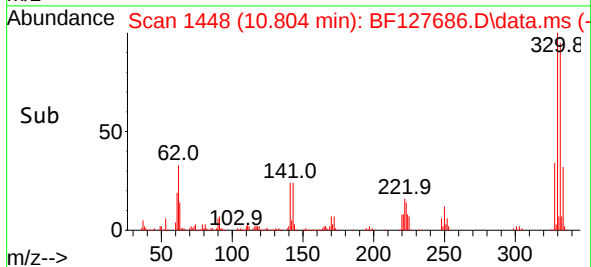
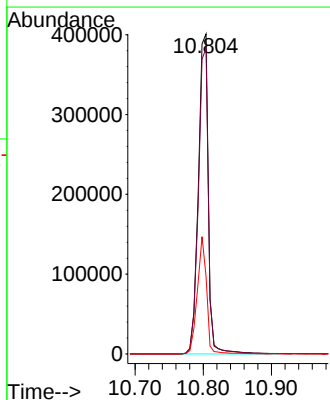
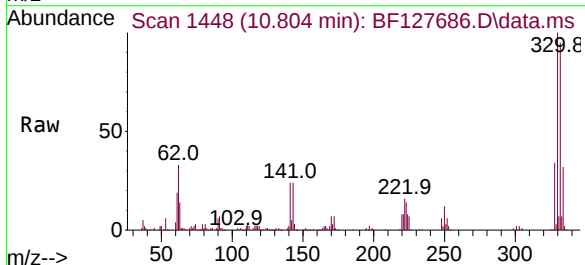
Instrument :
 BNA_F
 ClientSampleId :
 PB143890BL

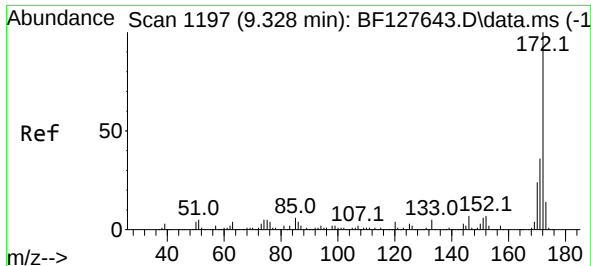
Tgt Ion:164 Resp: 296373
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.2 121.8
 160 43.6 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 129.479 ng
 RT: 10.804 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: BF127686.D
 Acq: 07 Apr 2022 16:26

Tgt Ion:330 Resp: 408359
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.1 118.7
 141 34.0 26.2 39.4

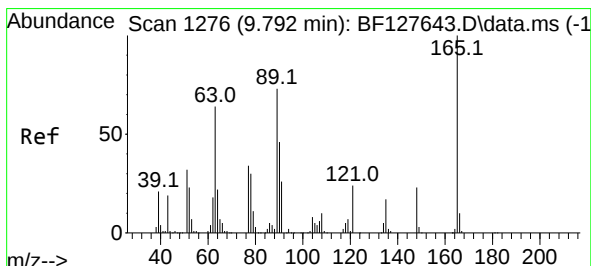
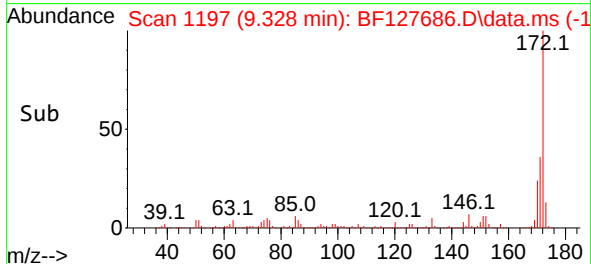
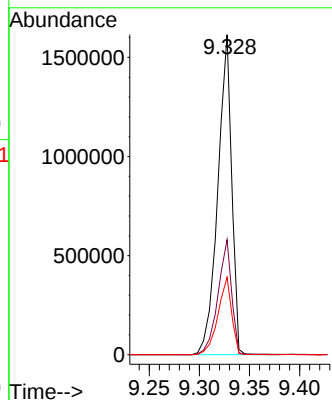
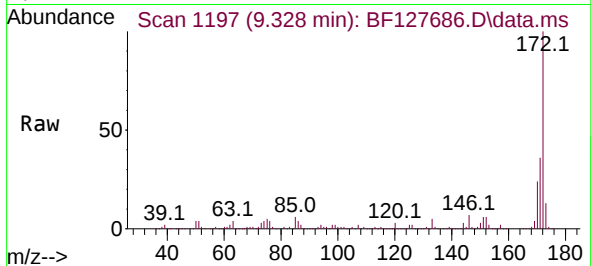




#45
 2-Fluorobiphenyl
 Concen: 74.400 ng
 RT: 9.328 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: BF127686.D
 Acq: 07 Apr 2022 16:26

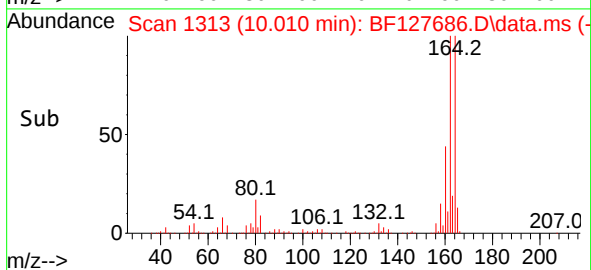
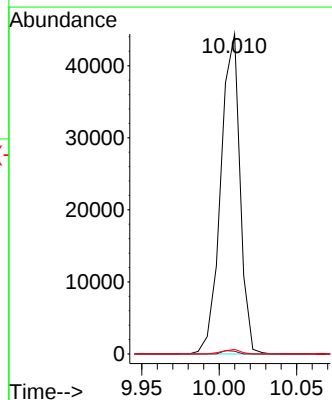
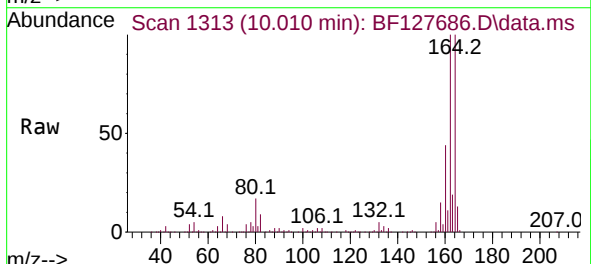
Instrument :
 BNA_F
 ClientSampleId :
 PB143890BL

Tgt Ion:172 Resp: 1558685
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.4 42.6
 170 24.2 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 9.472 ng
 RT: 10.010 min Scan# 1313
 Delta R.T. 0.218 min
 Lab File: BF127686.D
 Acq: 07 Apr 2022 16:26

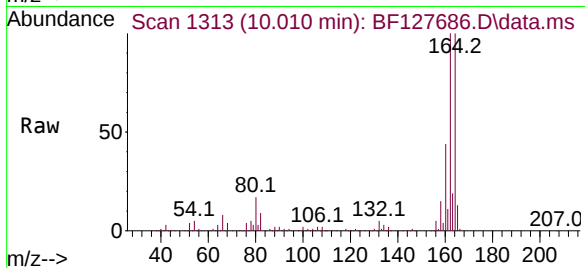
Tgt Ion:165 Resp: 38356
 Ion Ratio Lower Upper
 165 100
 63 0.8 58.3 87.5#
 89 1.5 51.5 77.3#



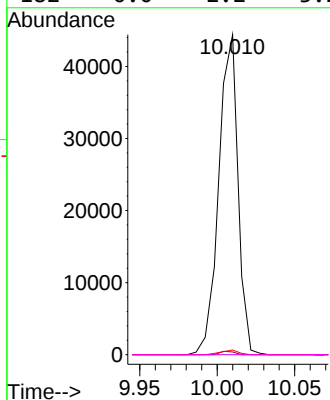
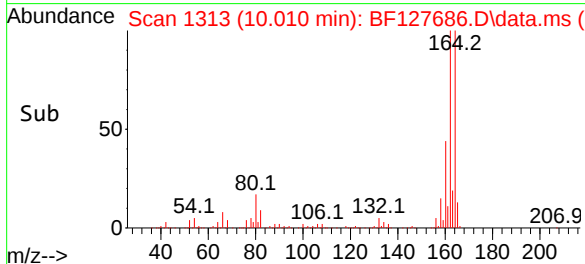


#57
2,4-Dinitrotoluene
Concen: 7.640 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

Instrument :
BNA_F
ClientSampleId :
PB143890BL

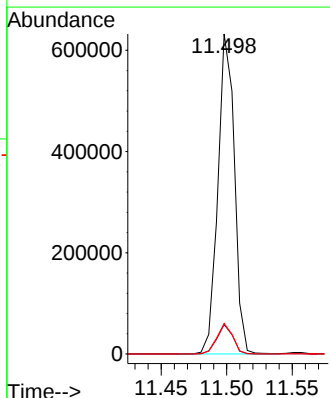
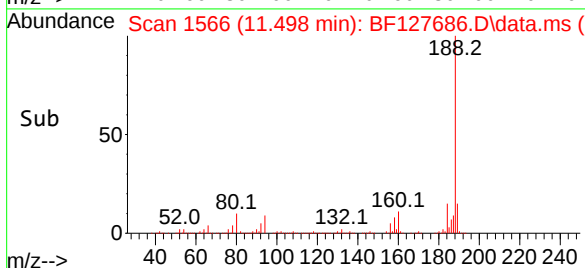
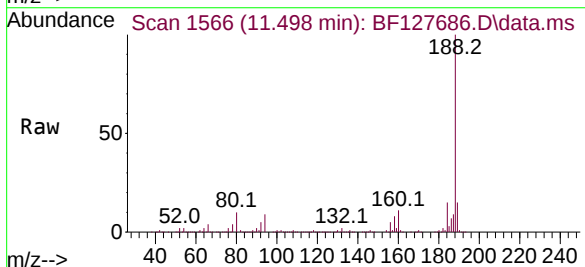


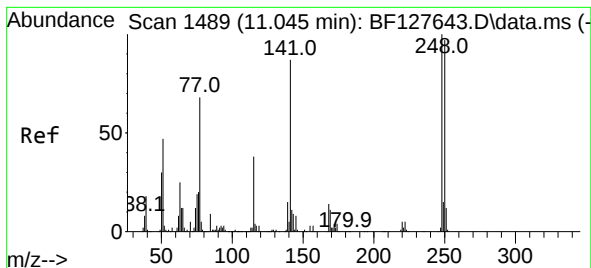
Tgt Ion:165 Resp: 38356
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

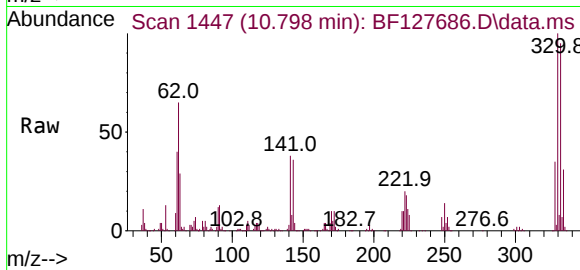
Tgt Ion:188 Resp: 553009
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.6 8.0 12.0



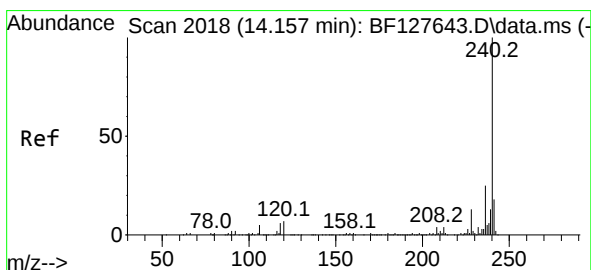
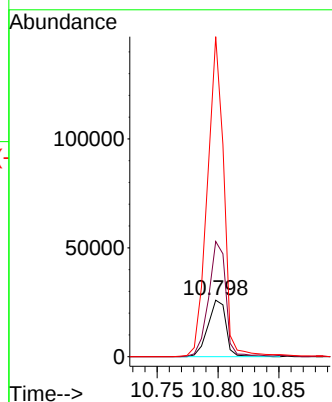
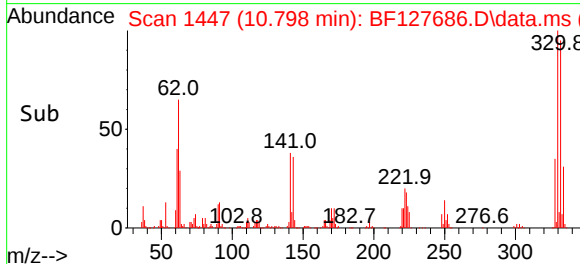


#67
4-Bromophenyl-phenylether
Concen: 3.983 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

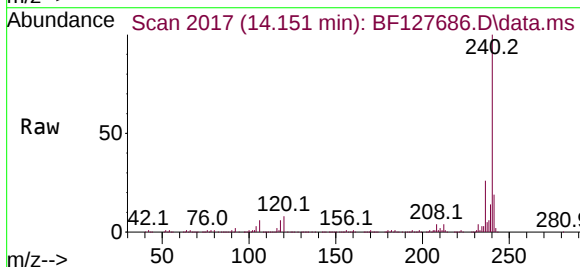
Instrument :
BNA_F
ClientSampleId :
PB143890BL



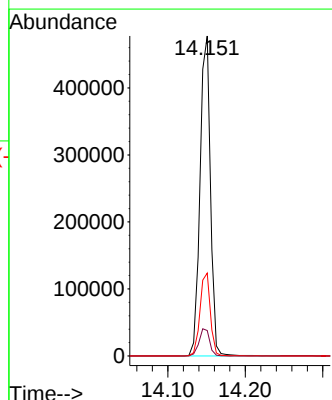
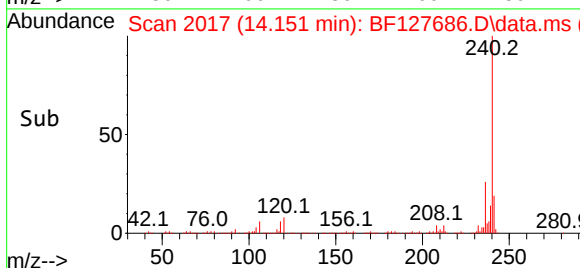
Tgt Ion:248 Resp: 26730
Ion Ratio Lower Upper
248 100
250 203.9 76.6 115.0#
141 566.2 52.2 78.2#

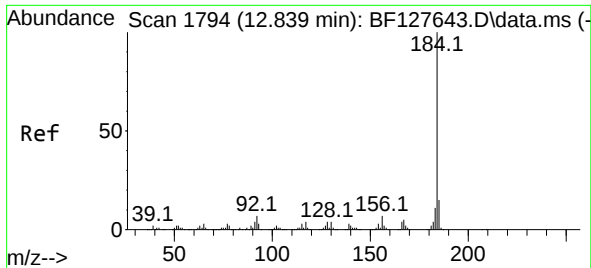


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26



Tgt Ion:240 Resp: 445121
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.9 20.7 31.1

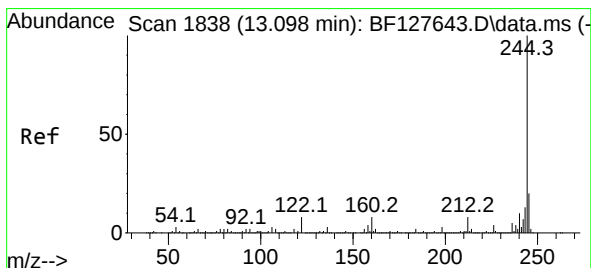
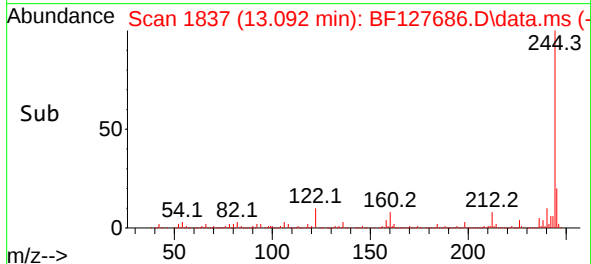
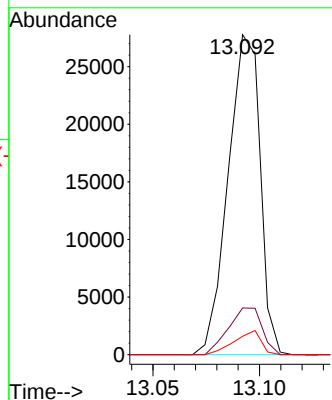
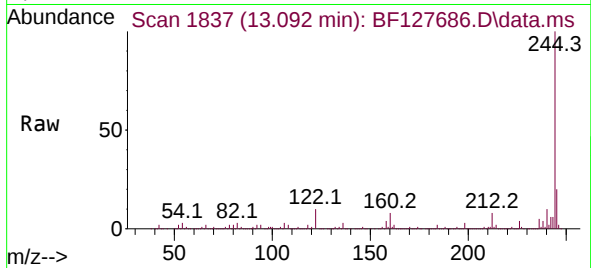




#77
Benzidine
Concen: 2.499 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

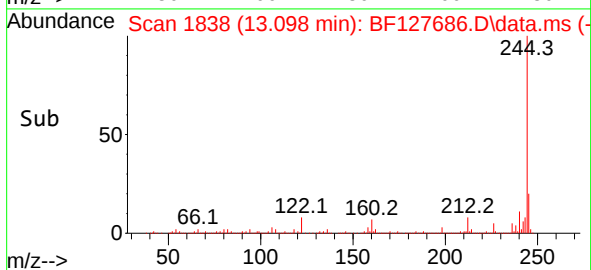
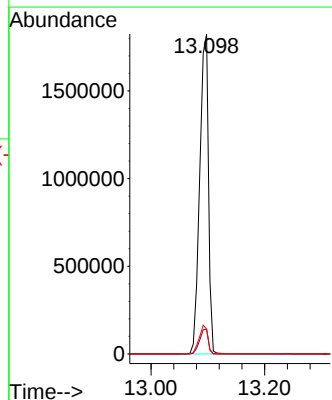
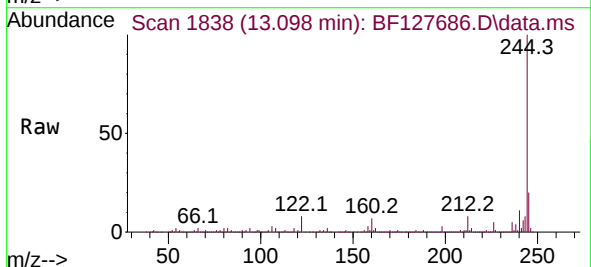
Instrument :
BNA_F
ClientSampleId :
PB143890BL

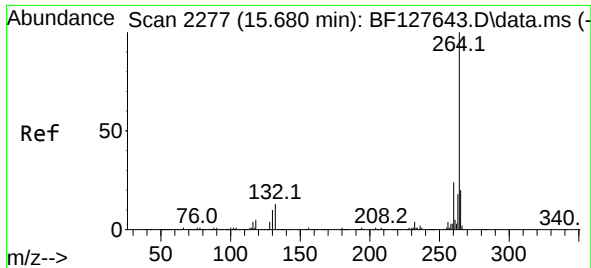
Tgt Ion:184 Resp: 29038
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 72.641 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

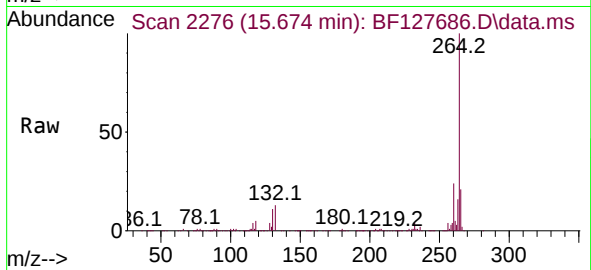
Tgt Ion:244 Resp: 1958913
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 7.8 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127686.D
Acq: 07 Apr 2022 16:26

Instrument :
BNA_F
ClientSampleId :
PB143890BL



Tgt Ion:264 Resp: 331818
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.5 17.4 26.2

