

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127666.D
 Acq On : 07 Apr 2022 00:00
 Operator : CG\JU
 Sample : N2254-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-3

Quant Time: Apr 07 02:40:55 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 06 13:55:27 2022
 Response via : Initial Calibration

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

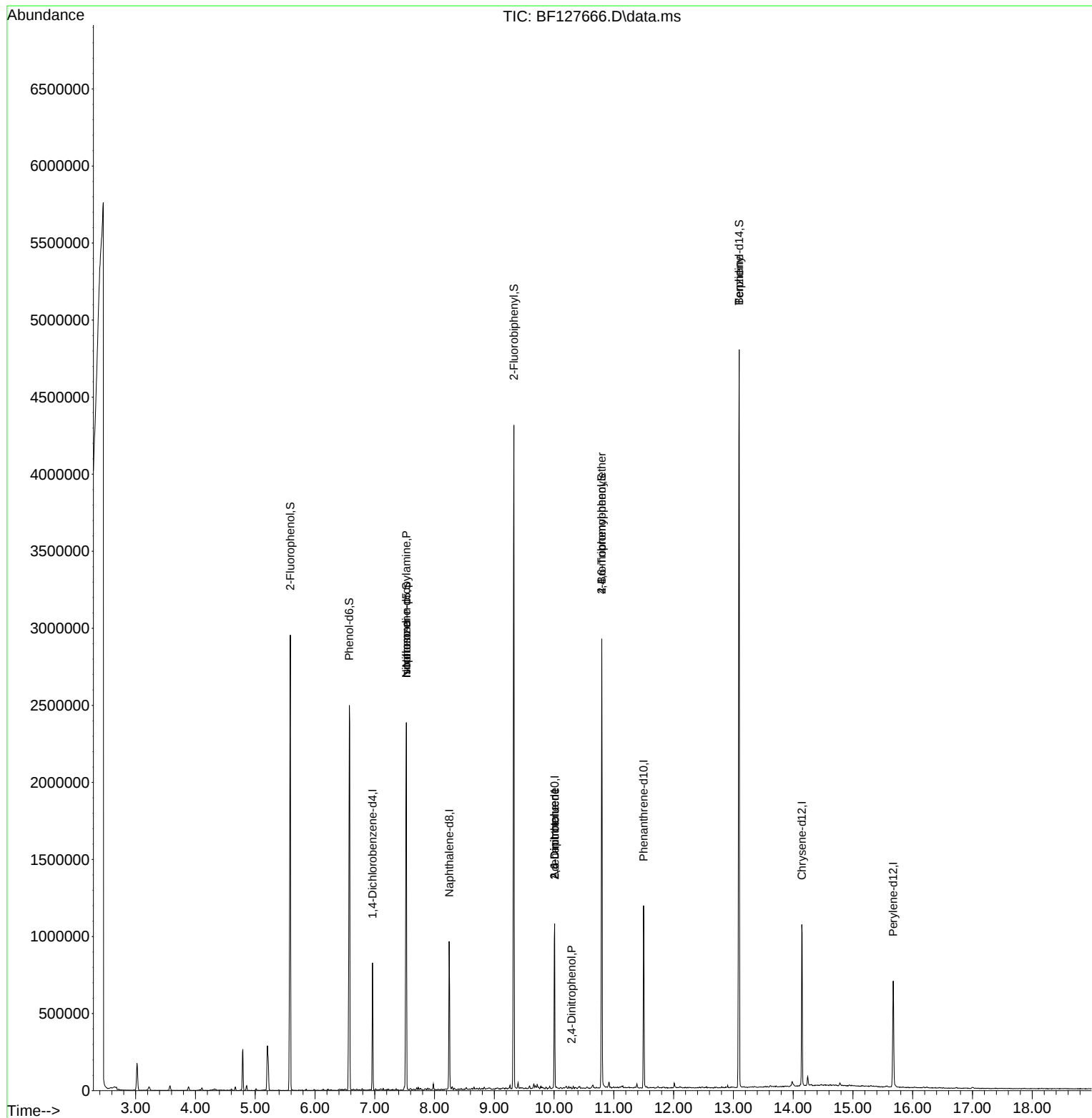
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100075	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	370825	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	215942	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	411222	20.000	ng	0.00
76) Chrysene-d12	14.145	240	371019	20.000	ng	-0.01
86) Perylene-d12	15.674	264	323275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	750343	121.832	ng	0.00
7) Phenol-d6	6.575	99	911661	113.151	ng	0.00
23) Nitrobenzene-d5	7.528	82	753333	90.567	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	313070	136.239	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1306768	85.608	ng	0.00
79) Terphenyl-d14	13.098	244	1792967	79.766	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	622	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.528	70	104101	19.977	ng	# 76
25) Isophorone	7.528	82	753333	51.903	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	27508	9.323	ng	# 17
54) 2,4-Dinitrophenol	10.292	184	61	5.347	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	27508	7.520	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	21173	4.242	ng	# 1
77) Benzidine	13.098	184	26988	2.787	ng	# 92

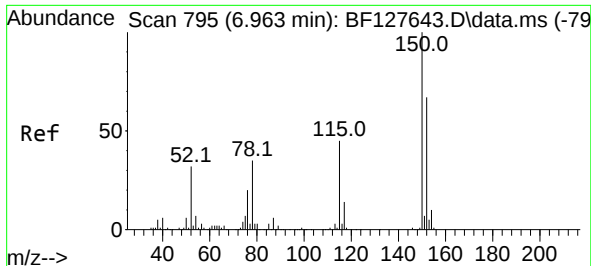
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
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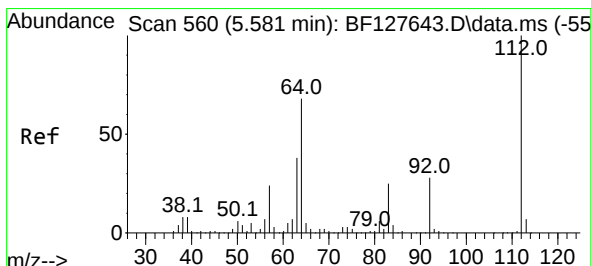
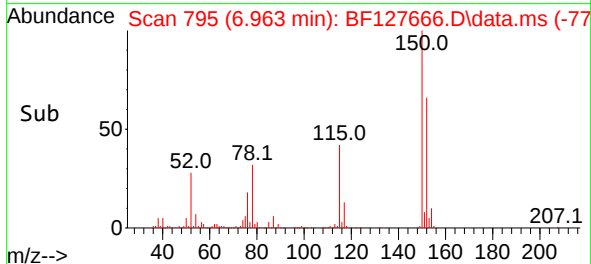
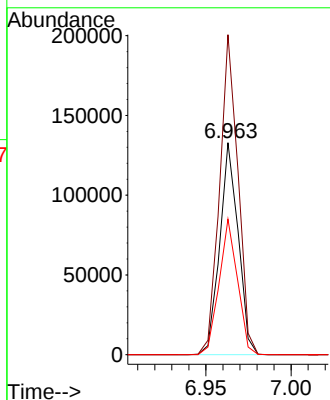
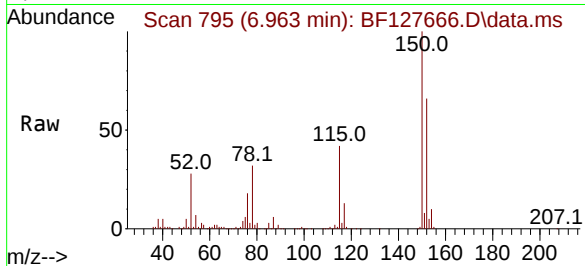




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

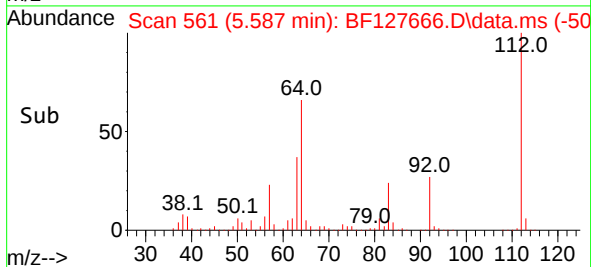
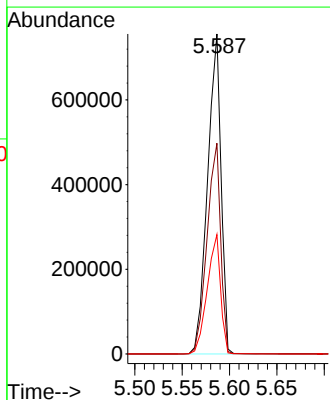
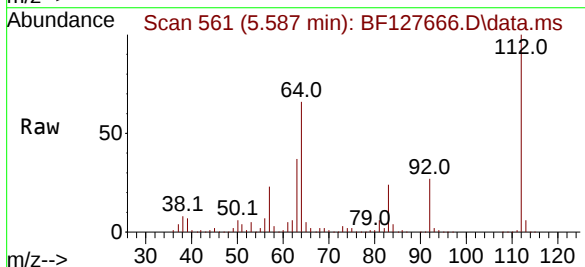
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

Tgt Ion:152 Resp: 100075
Ion Ratio Lower Upper
152 100
150 150.9 117.2 175.8
115 63.9 49.8 74.6



#5
2-Fluorophenol
Concen: 121.832 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion:112 Resp: 750343
Ion Ratio Lower Upper
112 100
64 65.9 58.4 87.6
63 37.3 30.1 45.1

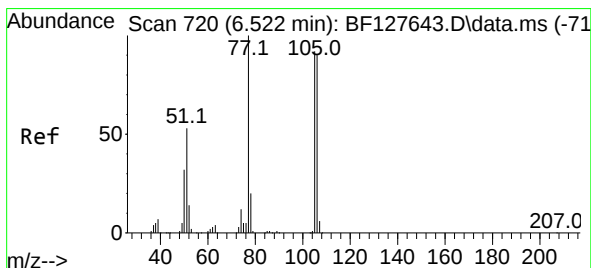
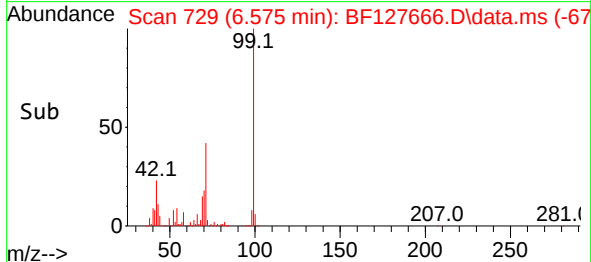
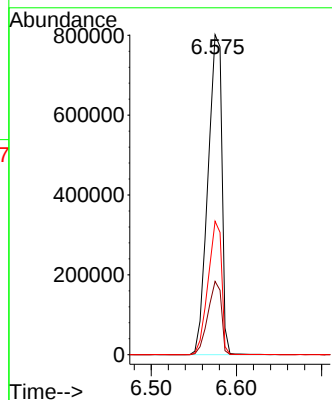
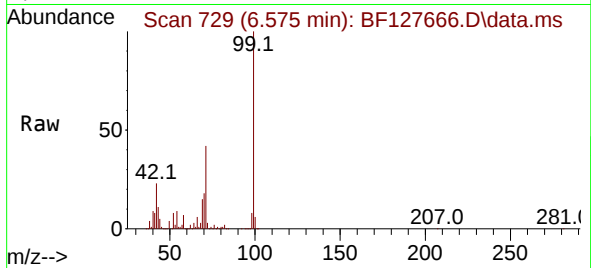




#7
Phenol-d6
Concen: 113.151 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

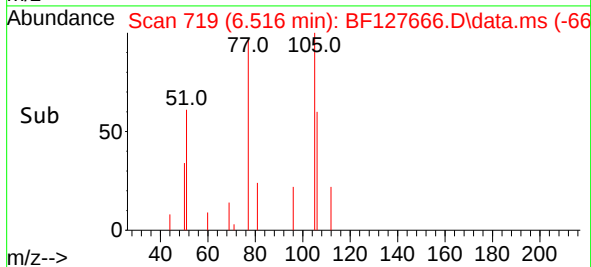
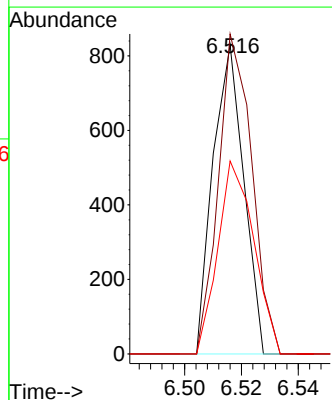
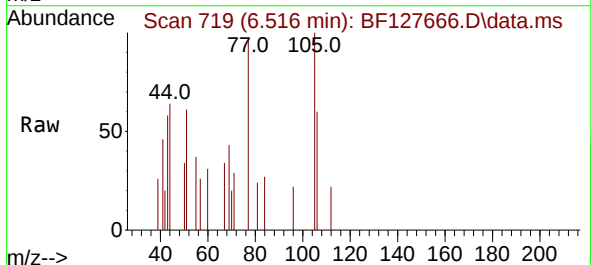
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

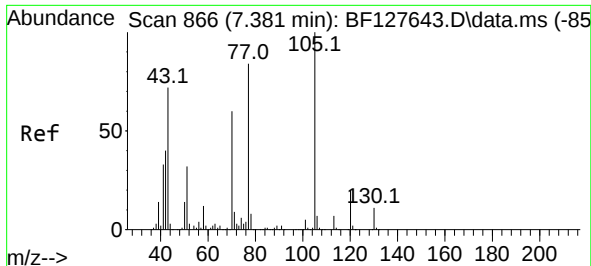
Tgt Ion: 99 Resp: 911661
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 41.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion: 77 Resp: 622
Ion Ratio Lower Upper
77 100
105 103.5 66.8 106.8
106 62.4 64.3 104.3

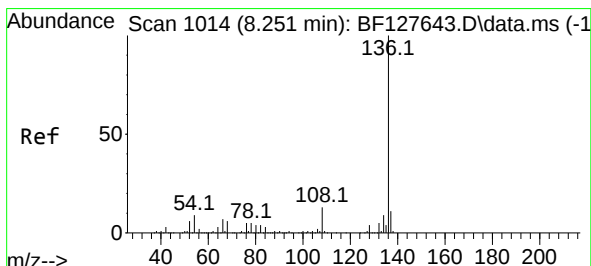
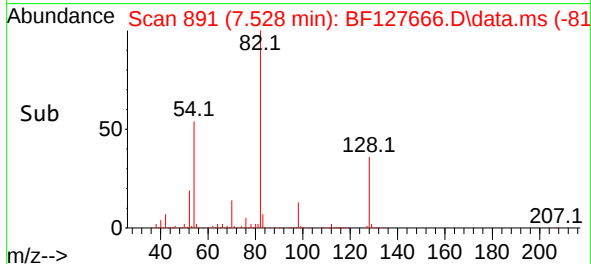
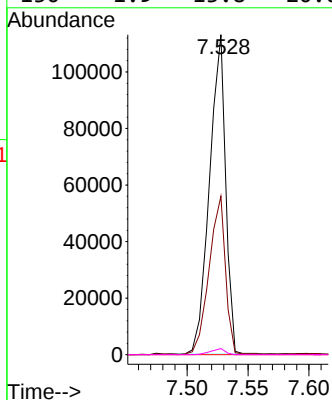
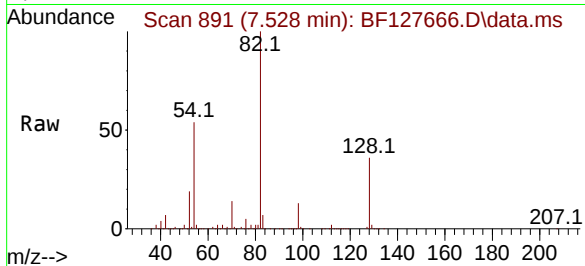




#19
n-Nitroso-di-n-propylamine
Concen: 19.977 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

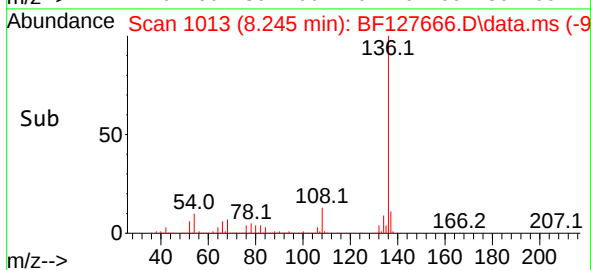
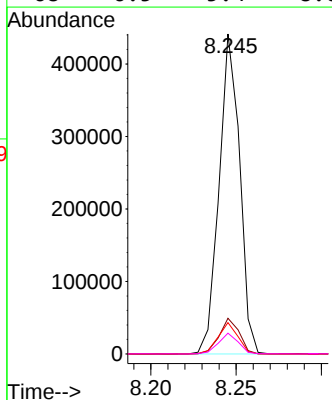
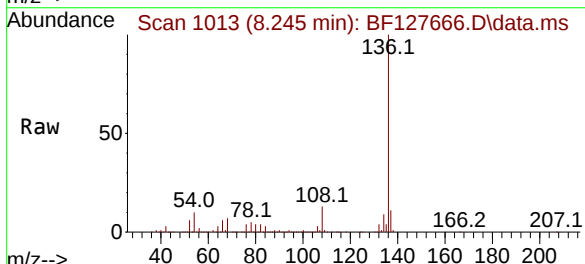
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

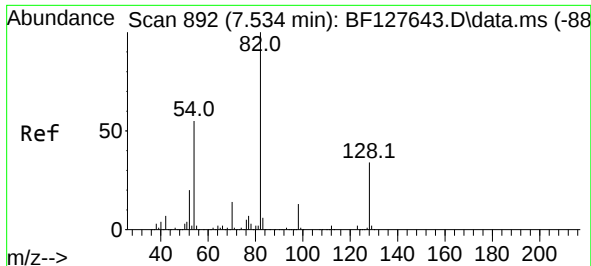
Tgt Ion: 70 Resp: 104101
Ion Ratio Lower Upper
70 100
42 49.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion: 136 Resp: 370825
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 9.2 13.8
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.567 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127666.D

Acq: 07 Apr 2022 00:00

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-3

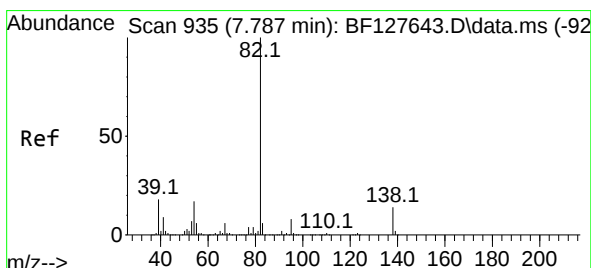
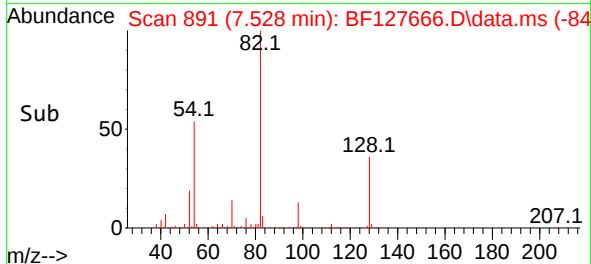
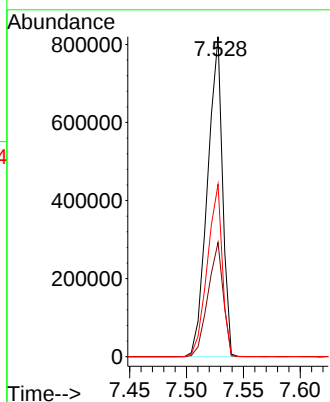
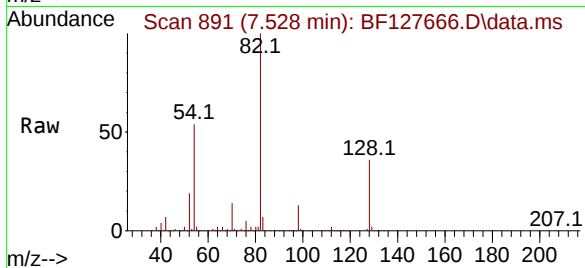
Tgt Ion: 82 Resp: 753333

Ion Ratio Lower Upper

82 100

128 35.7 30.6 45.8

54 53.8 48.2 72.2



#25

Isophorone

Concen: 51.903 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127666.D

Acq: 07 Apr 2022 00:00

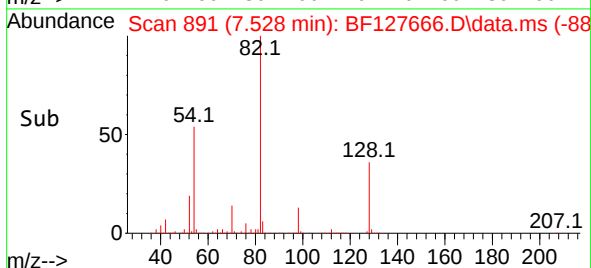
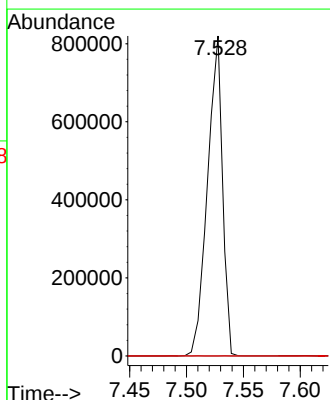
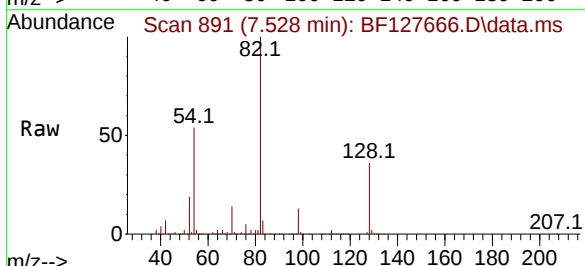
Tgt Ion: 82 Resp: 753333

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

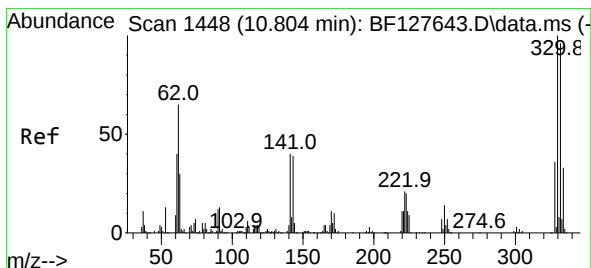
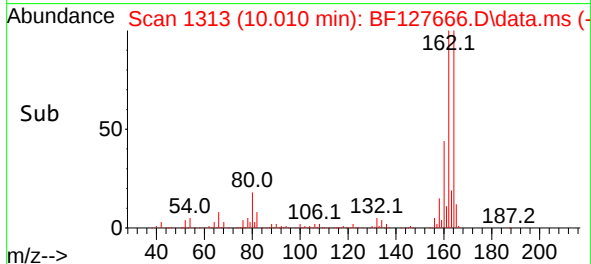
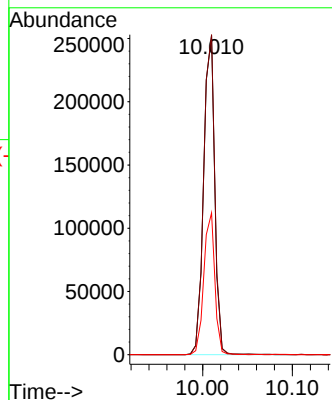
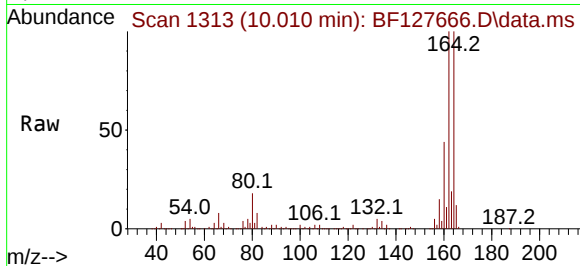




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

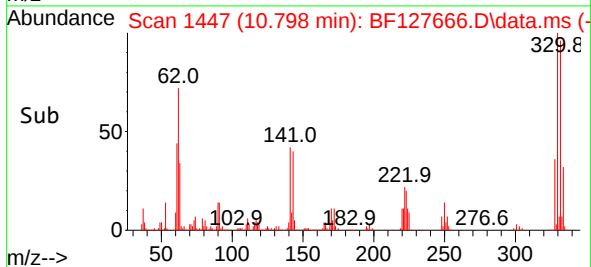
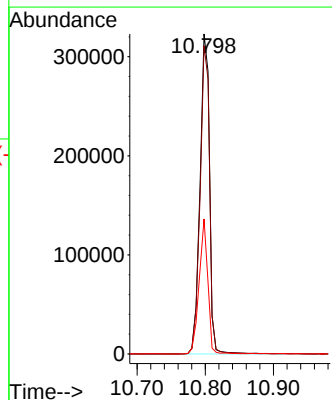
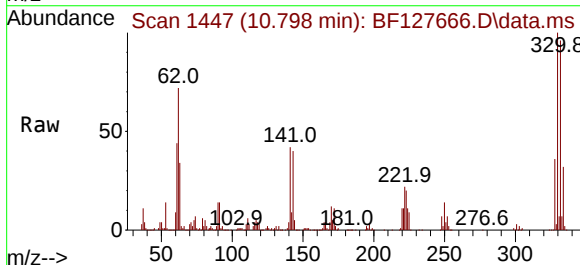
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

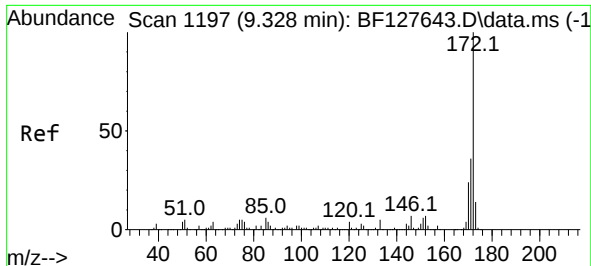
Tgt Ion:164 Resp: 215942
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 136.239 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion:330 Resp: 313070
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 38.8 26.2 39.4

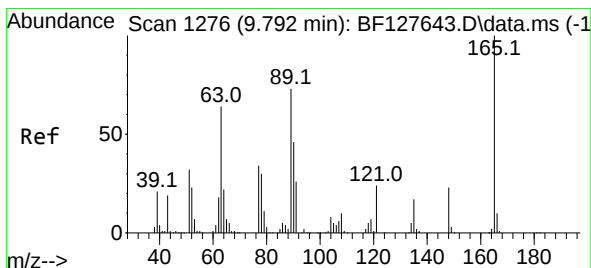
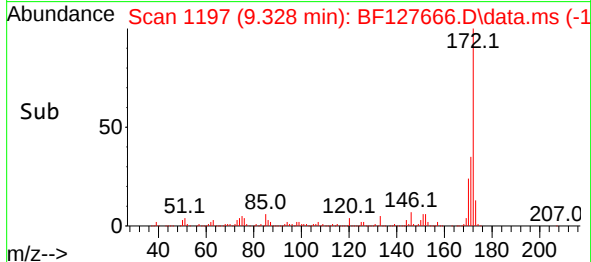
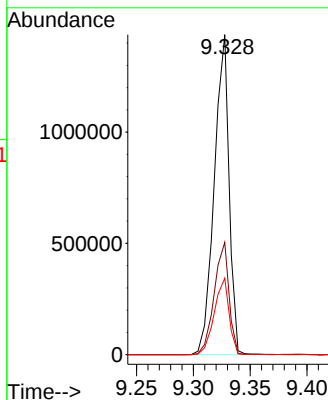
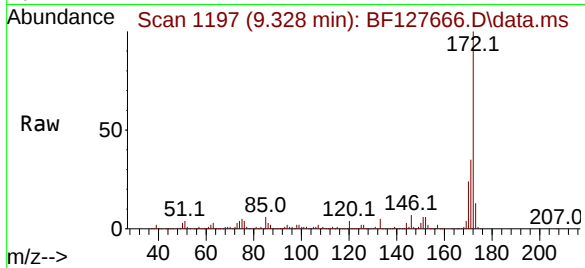




#45
2-Fluorobiphenyl
Concen: 85.608 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

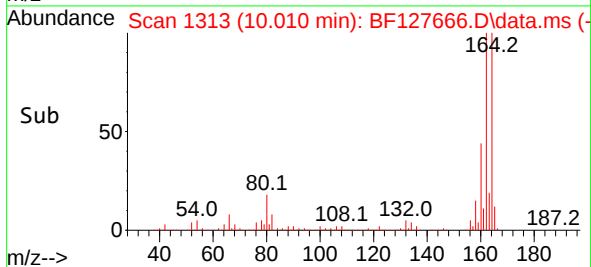
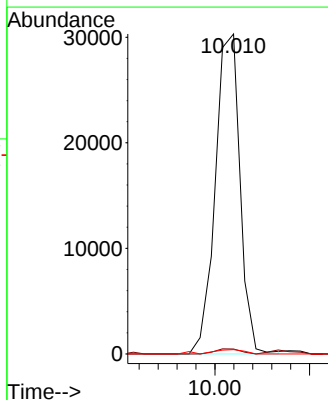
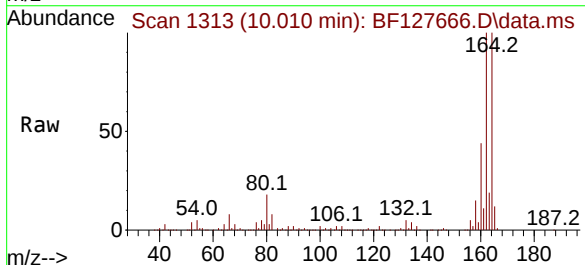
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BNA_F
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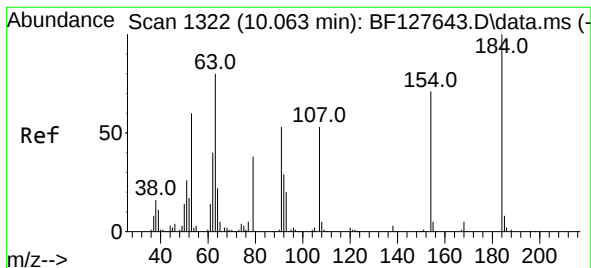
Tgt Ion:172 Resp: 1306768
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.323 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion:165 Resp: 27508
Ion Ratio Lower Upper
165 100
63 1.6 58.3 87.5#
89 1.3 51.5 77.3#

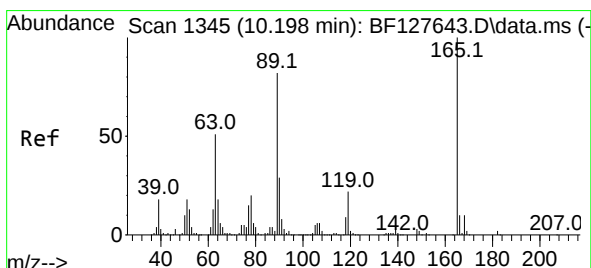
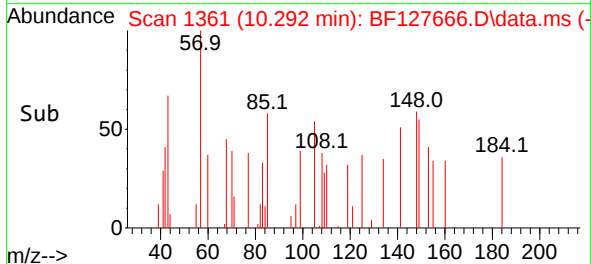
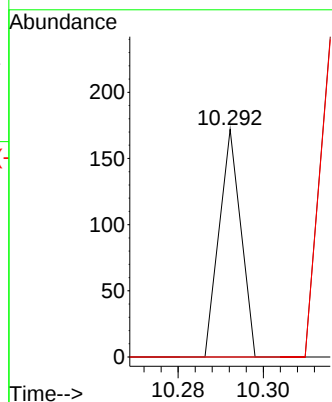
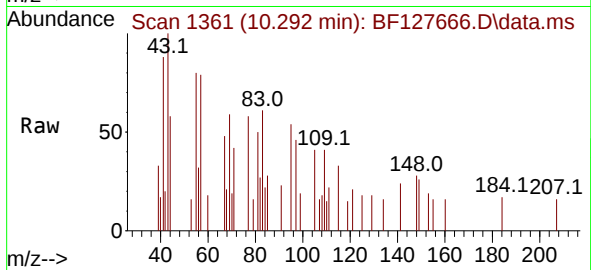




#54
2,4-Dinitrophenol
Concen: 5.347 ng
RT: 10.292 min Scan# 1361
Delta R.T. 0.229 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

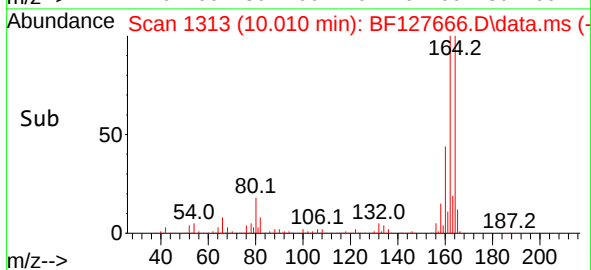
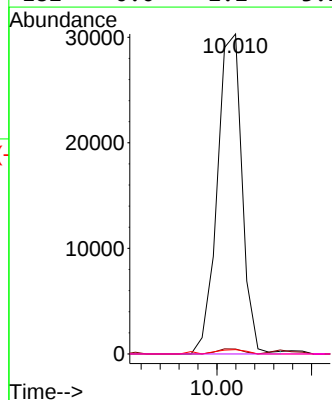
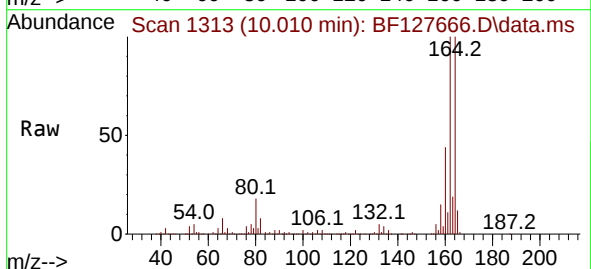
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

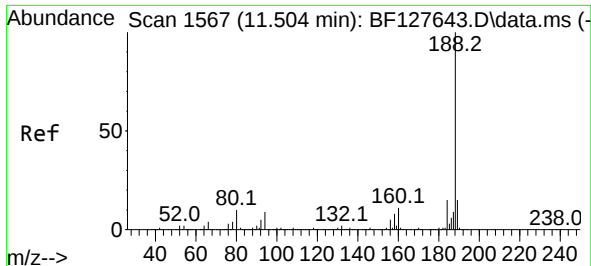
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 58.1 87.1#
154 0.0 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 7.520 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion:165 Resp: 27508
Ion Ratio Lower Upper
165 100
63 1.6 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#

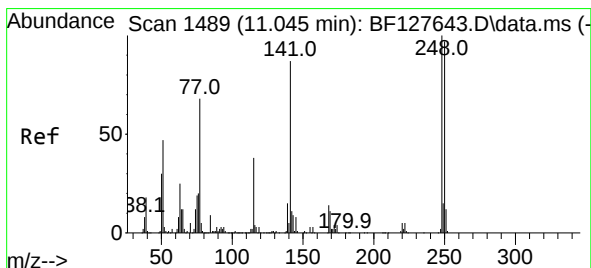
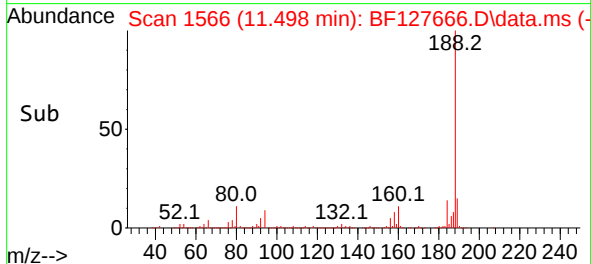
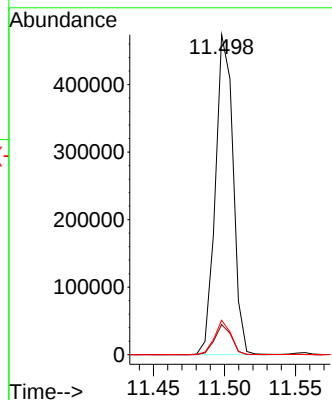
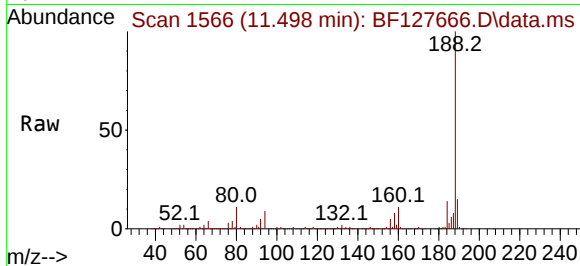




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

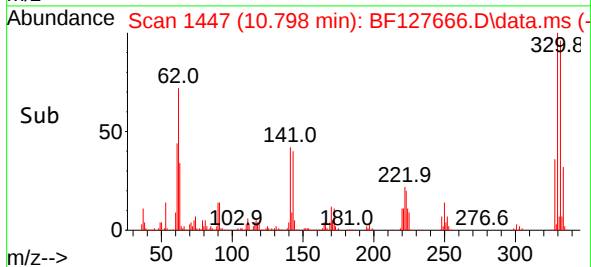
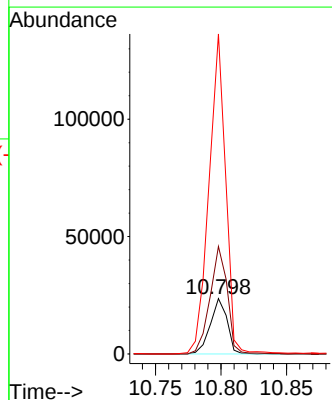
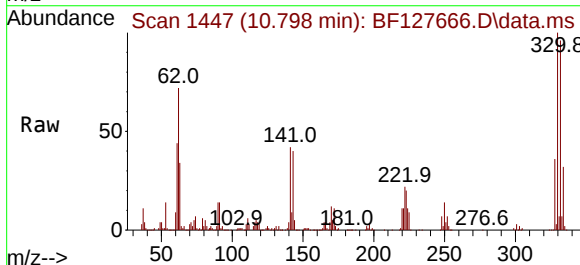
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

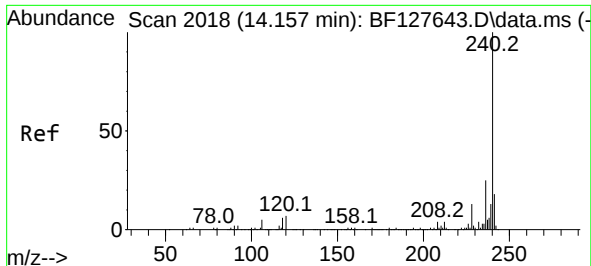
Tgt Ion:188 Resp: 411222
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.242 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

Tgt Ion:248 Resp: 21173
Ion Ratio Lower Upper
248 100
250 194.4 76.6 115.0#
141 578.4 52.2 78.2#

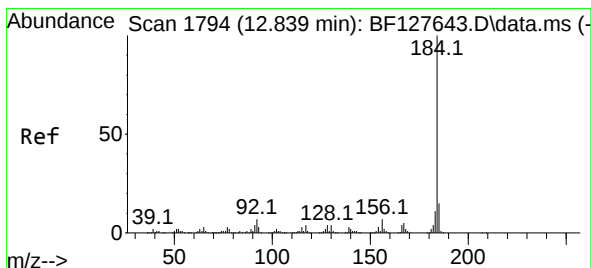
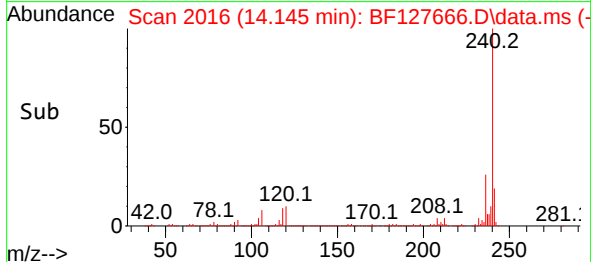
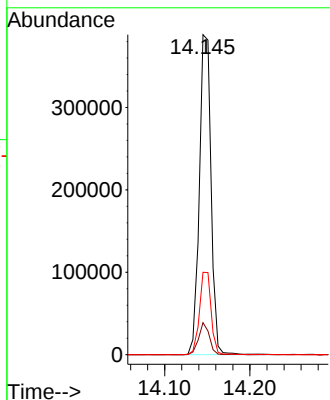
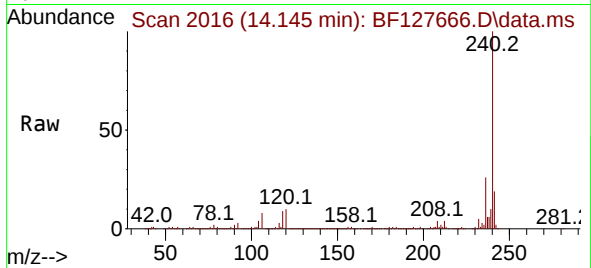




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

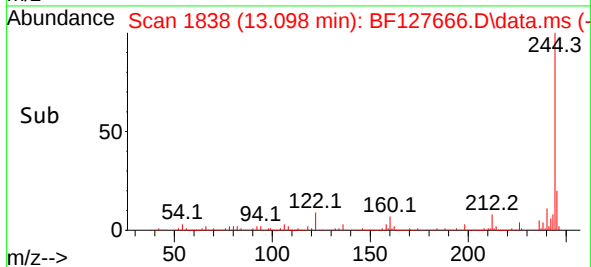
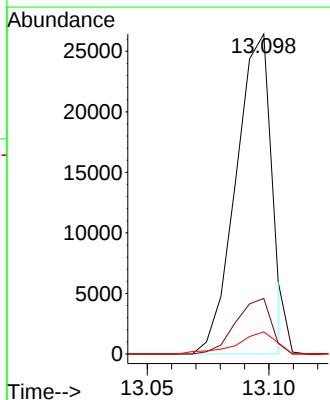
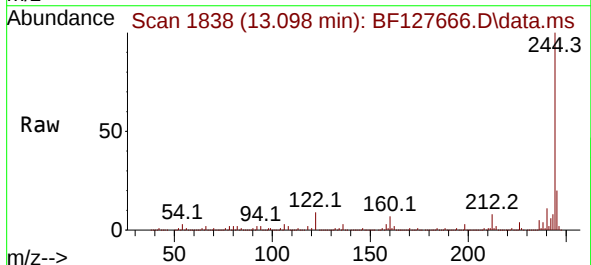
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-3

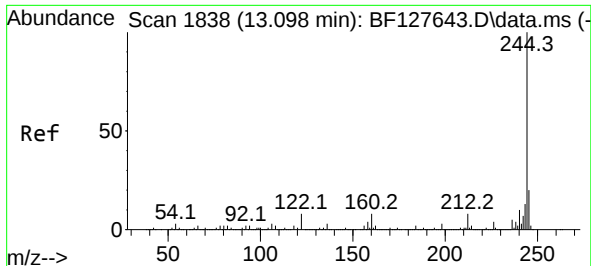
Tgt Ion:240 Resp: 371019
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.7 20.7 31.1



#77
Benzidine
Concen: 2.787 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127666.D
Acq: 07 Apr 2022 00:00

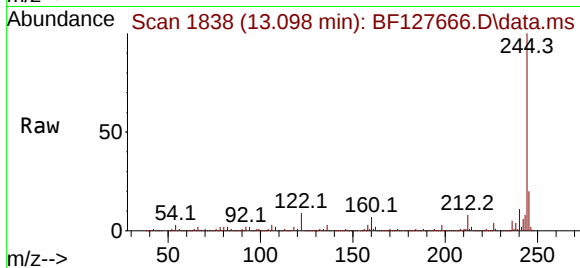
Tgt Ion:184 Resp: 26988
Ion Ratio Lower Upper
184 100
185 17.4 12.2 18.2
183 6.9 9.4 14.0#



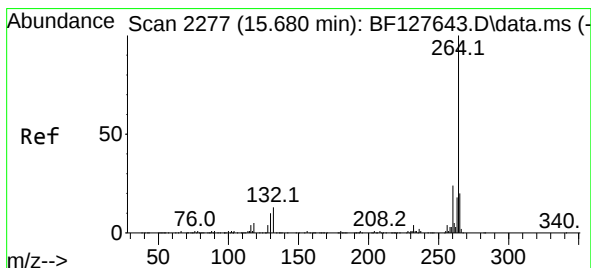
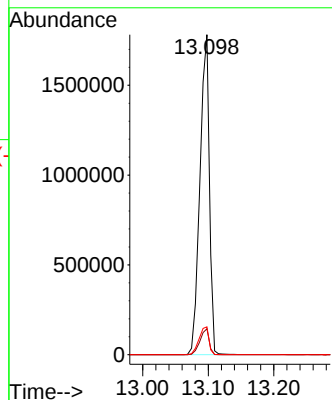
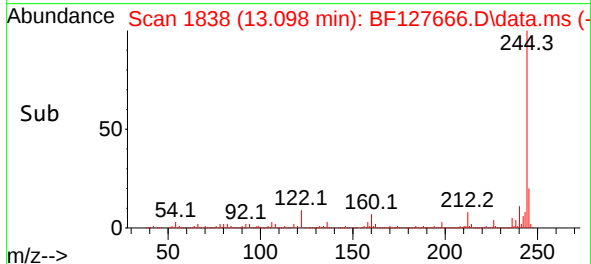


#79
 Terphenyl-d14
 Concen: 79.766 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127666.D
 Acq: 07 Apr 2022 00:00

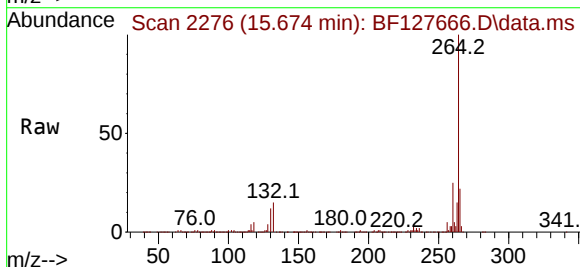
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-3



Tgt Ion:244 Resp: 1792967
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 8.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127666.D
 Acq: 07 Apr 2022 00:00



Tgt Ion:264 Resp: 323275
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 21.6 17.4 26.2

