

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127121.D
 Acq On : 01 Mar 2022 17:36
 Operator : CG\JU
 Sample : N1688-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Mar 02 00:01:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

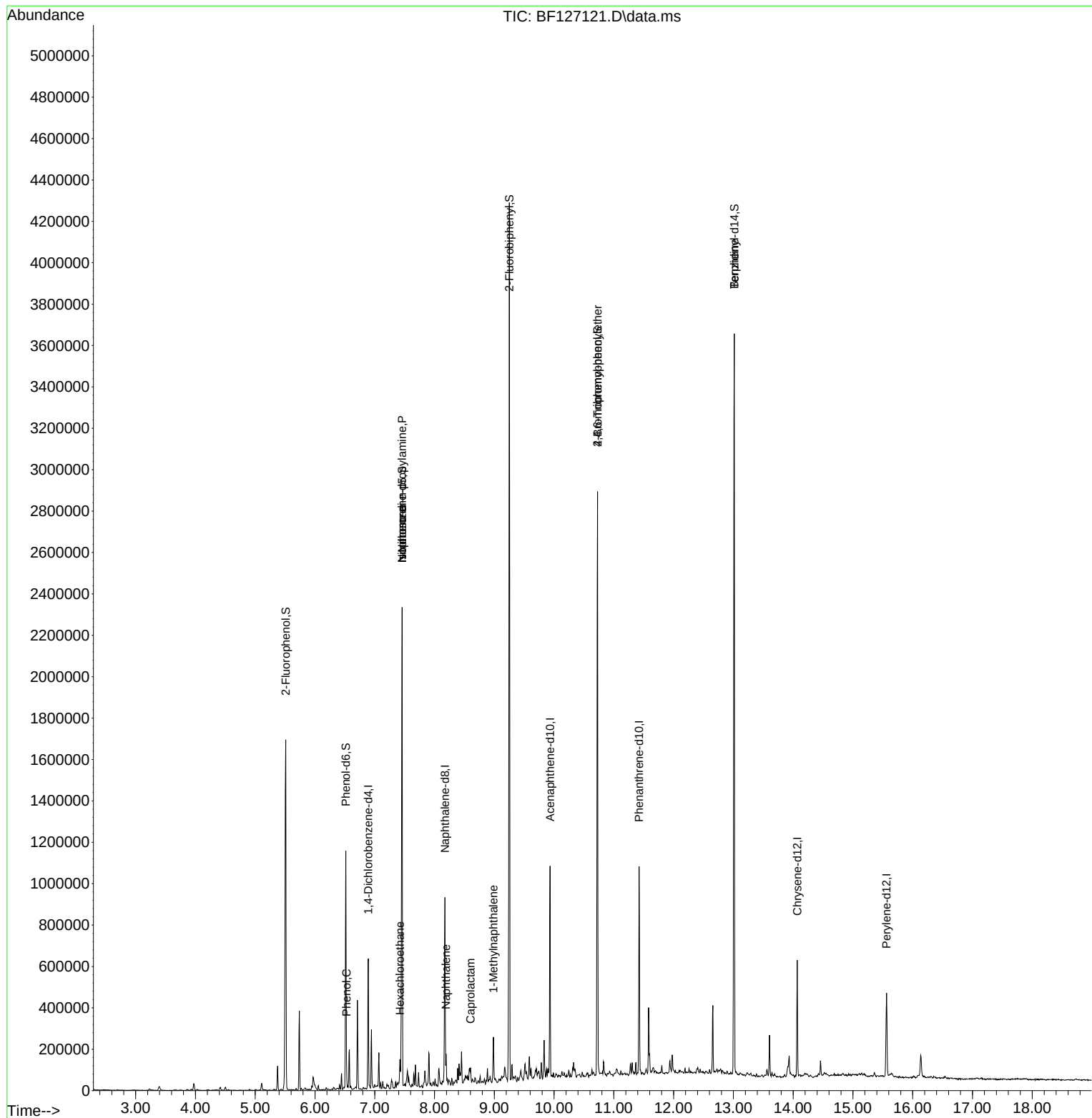
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	89693	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	361552	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	183099	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	320917	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	163378	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	166151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	393487	67.805	ng	0.00
7) Phenol-d6	6.516	99	325042	41.509	ng	0.00
23) Nitrobenzene-d5	7.457	82	737831	92.113	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	329947	156.511	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1194784	96.063	ng	0.00
79) Terphenyl-d14	13.015	244	1243543	111.891	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	20797	2.628	ng	84
18) Hexachloroethane	7.422	117	6230	2.387	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	100918	20.000	ng	# 78
25) Isophorone	7.457	82	736478	55.564	ng	# 69
31) Naphthalene	8.192	128	47123	2.497	ng	100
35) Caprolactam	8.604	113	7022	4.041	ng	90
38) 1-Methylnaphthalene	8.986	142	43219	3.685	ng	100
67) 4-Bromophenyl-phenylether	10.727	248	19838	5.533	ng	# 1
77) Benzidine	13.015	184	18981	4.275	ng	98

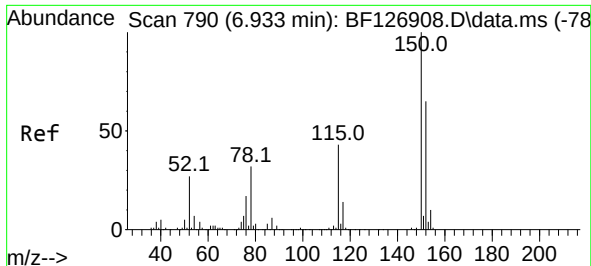
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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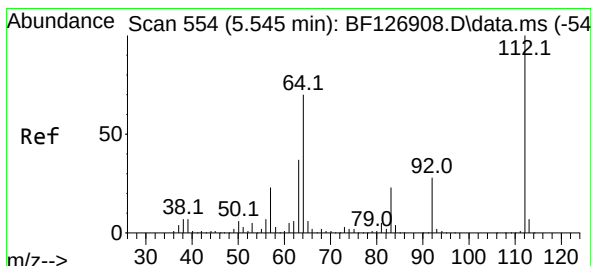
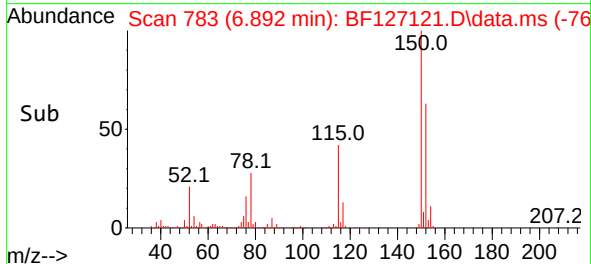
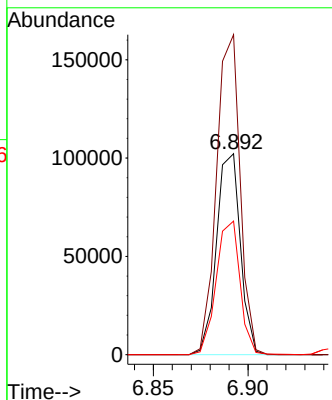
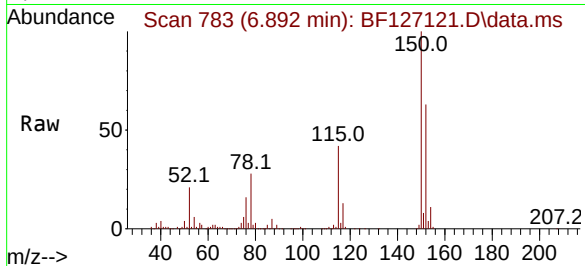




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127121.D
 Acq: 01 Mar 2022 17:36

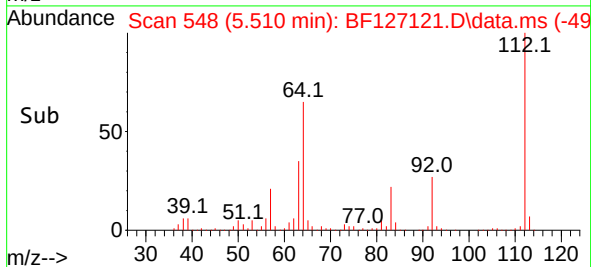
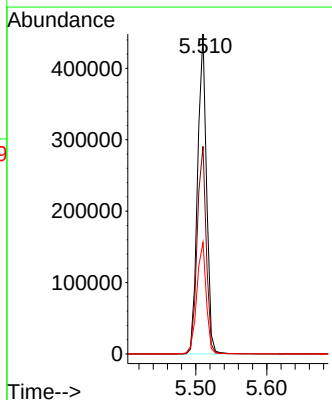
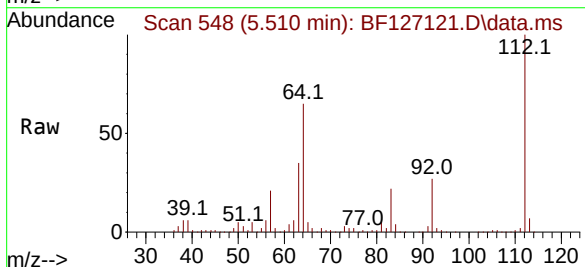
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

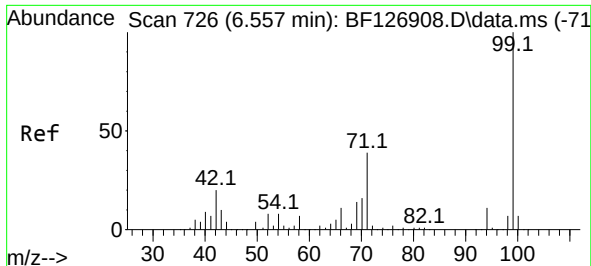
Tgt Ion:152 Resp: 89693
 Ion Ratio Lower Upper
 152 100
 150 159.2 128.1 192.1
 115 66.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 67.805 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: BF127121.D
 Acq: 01 Mar 2022 17:36

Tgt Ion:112 Resp: 393487
 Ion Ratio Lower Upper
 112 100
 64 64.9 49.5 74.3
 63 34.9 23.9 35.9





#7

Phenol-d6

Concen: 41.509 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127121.D

Acq: 01 Mar 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MW-27

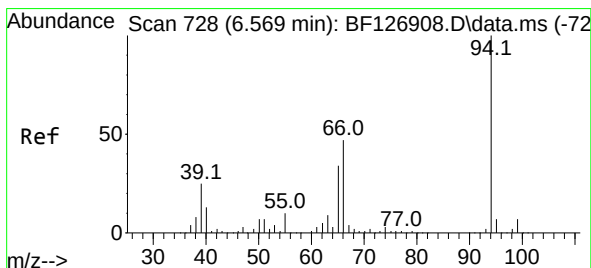
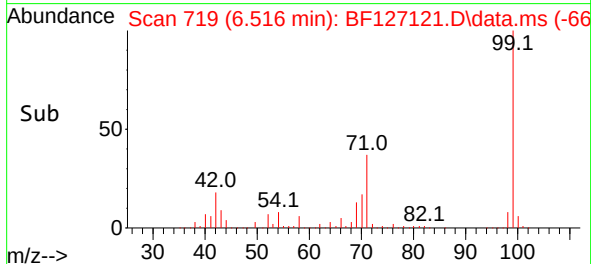
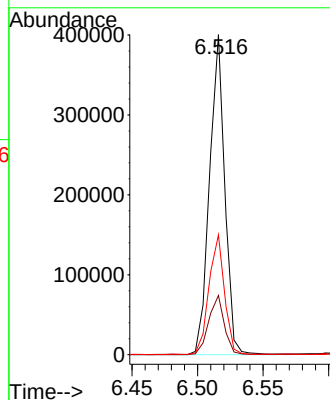
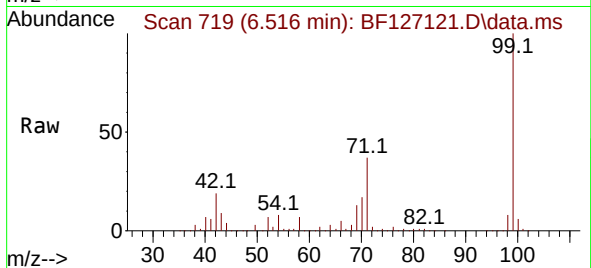
Tgt Ion: 99 Resp: 325042

Ion Ratio Lower Upper

99 100

42 18.5 14.2 21.4

71 37.5 24.3 36.5#



#10

Phenol

Concen: 2.628 ng

RT: 6.528 min Scan# 721

Delta R.T. -0.012 min

Lab File: BF127121.D

Acq: 01 Mar 2022 17:36

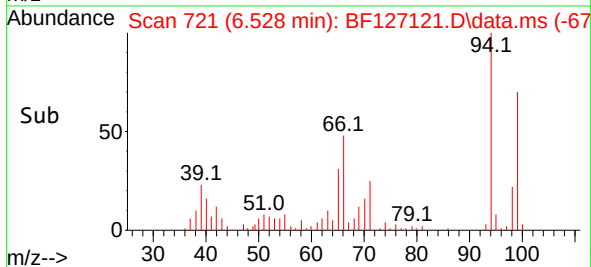
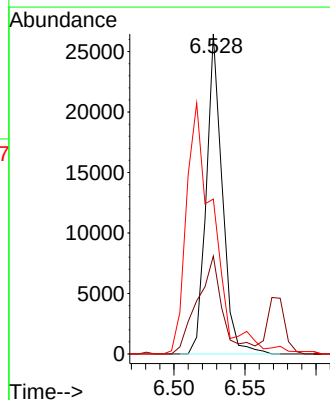
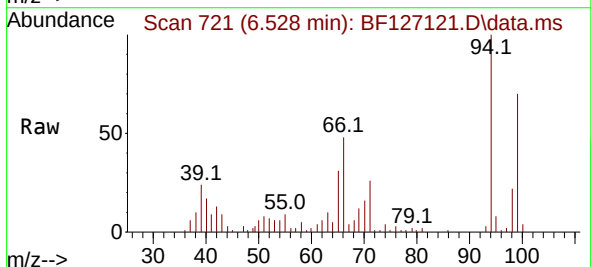
Tgt Ion: 94 Resp: 20797

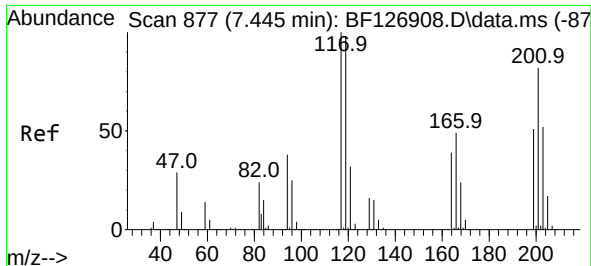
Ion Ratio Lower Upper

94 100

65 30.6 7.2 47.2

66 48.4 14.5 54.5

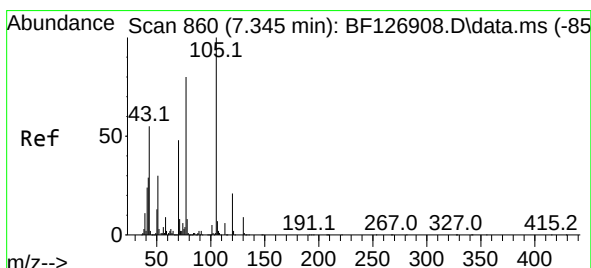
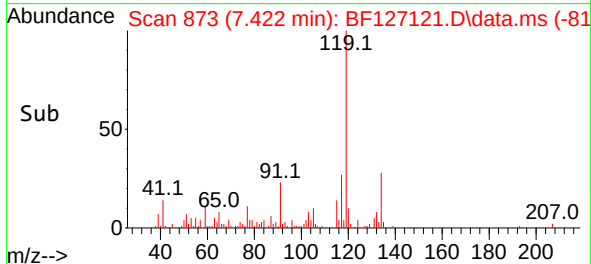
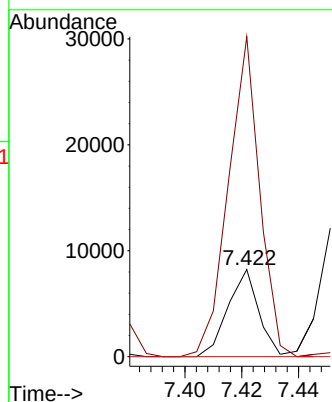
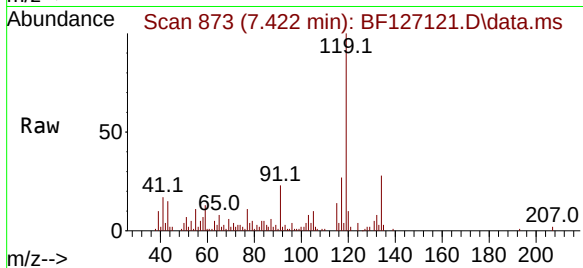




#18
Hexachloroethane
Concen: 2.387 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

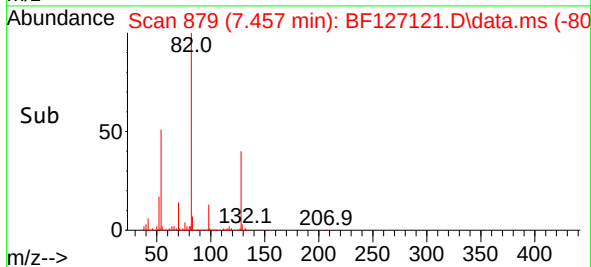
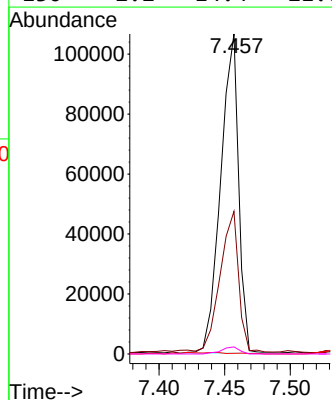
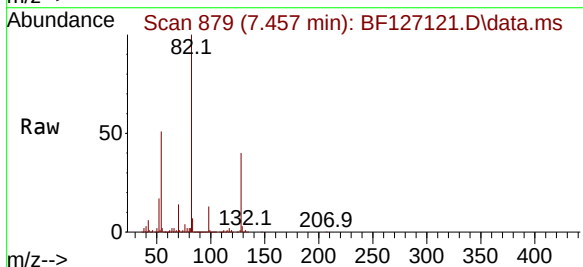
Instrument :
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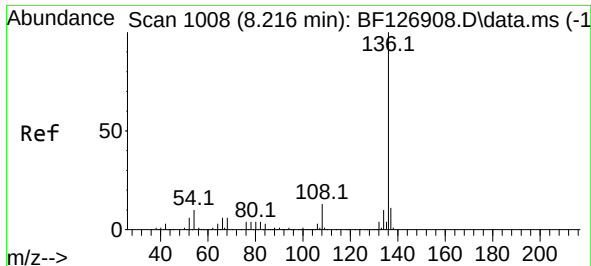
Tgt Ion:117 Resp: 6230
Ion Ratio Lower Upper
117 100
119 367.1 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.000 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion: 70 Resp: 100918
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.8#
101 0.2 6.9 10.3#
130 2.2 14.4 21.6#

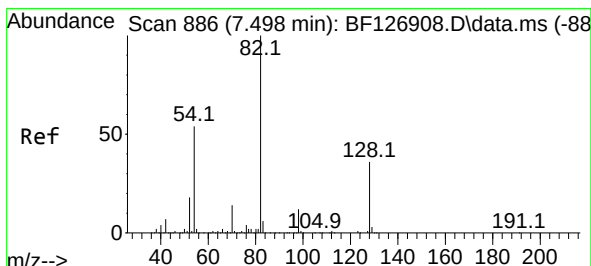
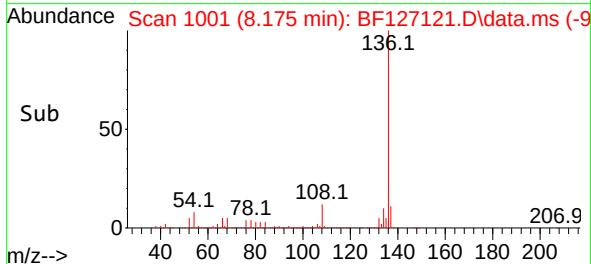
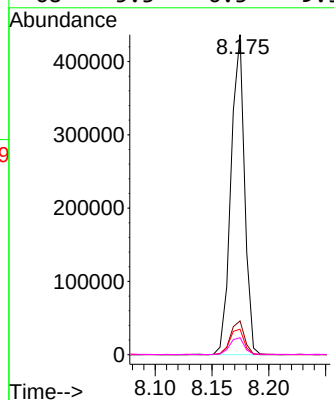
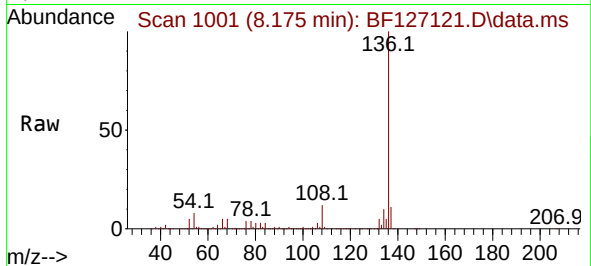




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

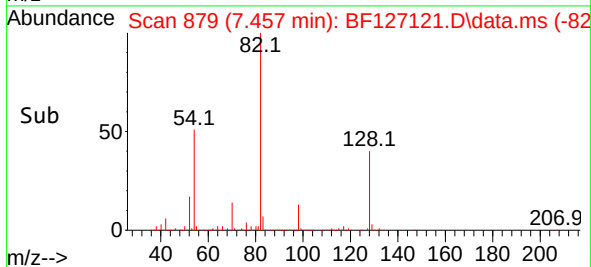
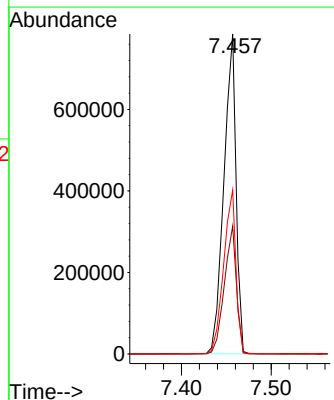
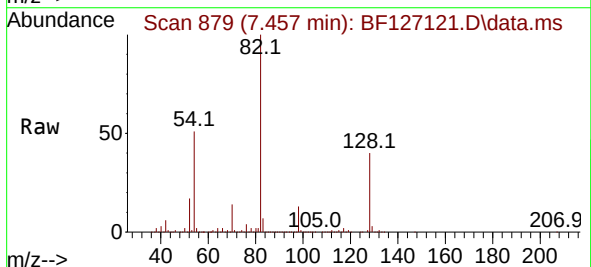
Instrument :
BNA_F
ClientSampleId :
MW-27

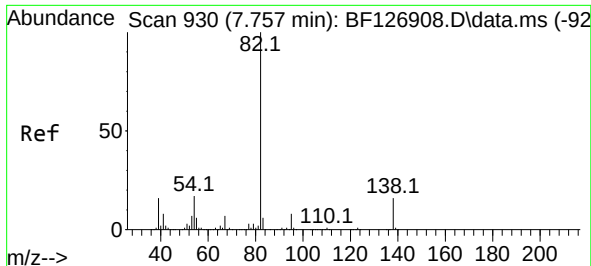
Tgt Ion:136 Resp: 361552
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 92.113 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion: 82 Resp: 737831
Ion Ratio Lower Upper
82 100
128 40.0 32.7 49.1
54 51.3 41.7 62.5

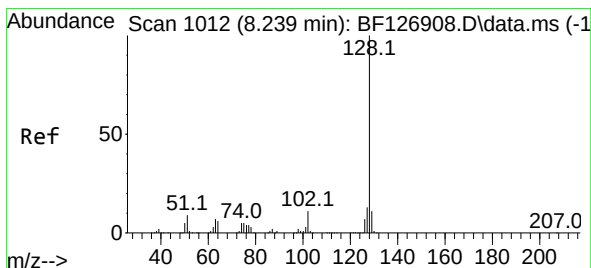
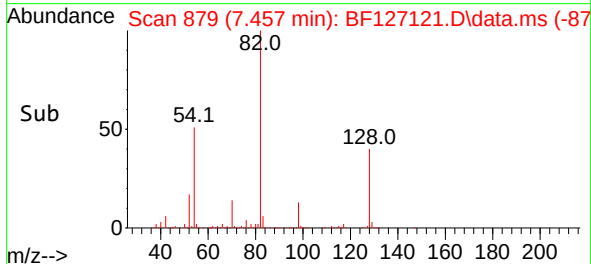
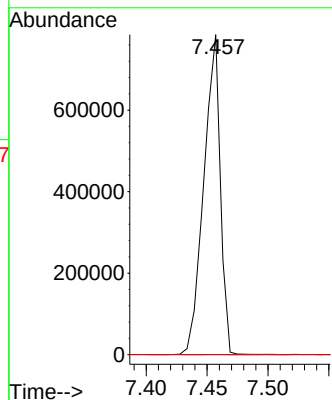
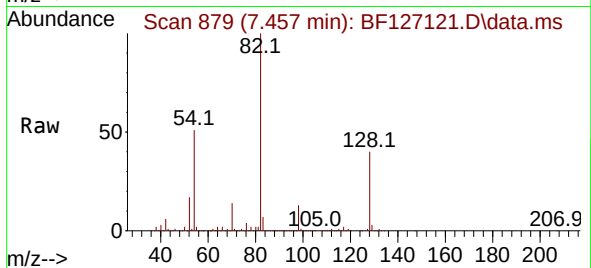




#25
Isophorone
Concen: 55.564 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

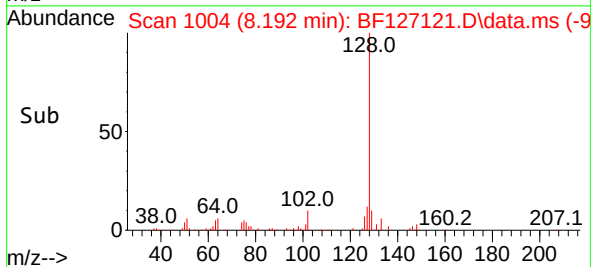
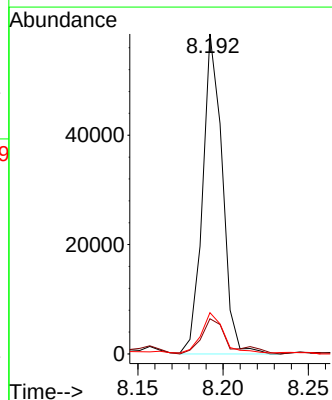
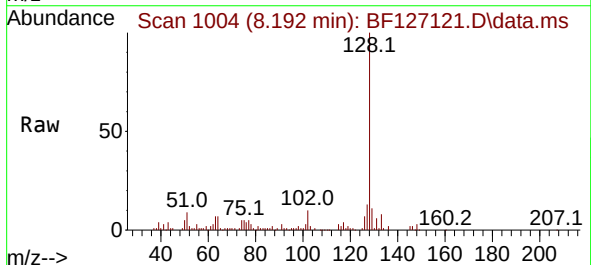
Instrument :
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ClientSampleId :
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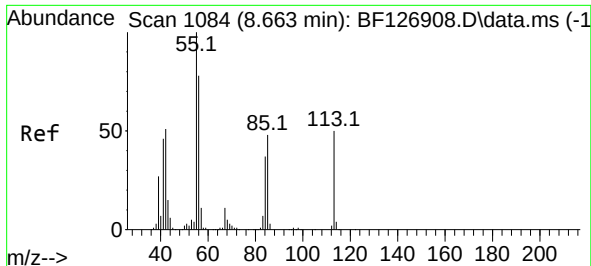
Tgt Ion: 82 Resp: 736478
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 2.497 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion: 128 Resp: 47123
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5

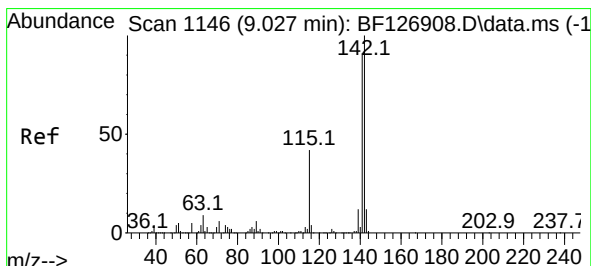
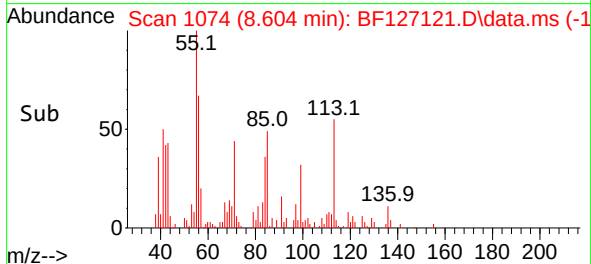
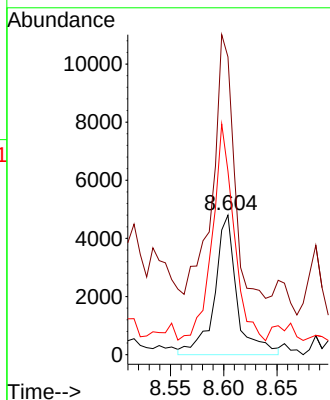
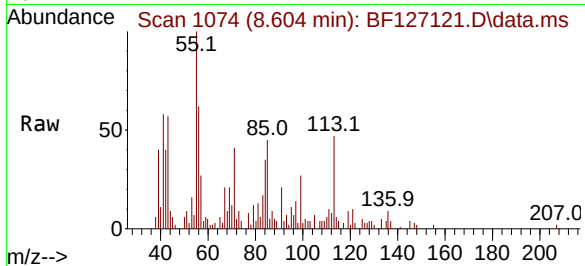




#35
 Caprolactam
 Concen: 4.041 ng
 RT: 8.604 min Scan# 1139
 Delta R.T. -0.024 min
 Lab File: BF127121.D
 Acq: 01 Mar 2022 17:36

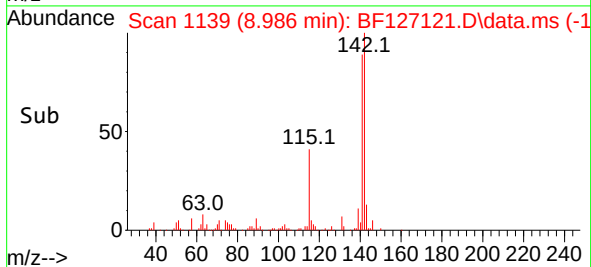
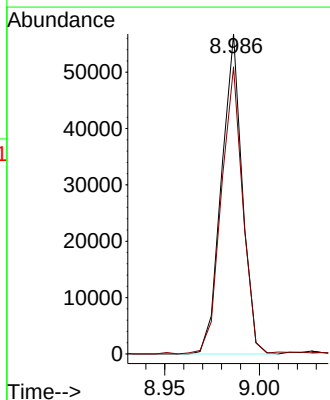
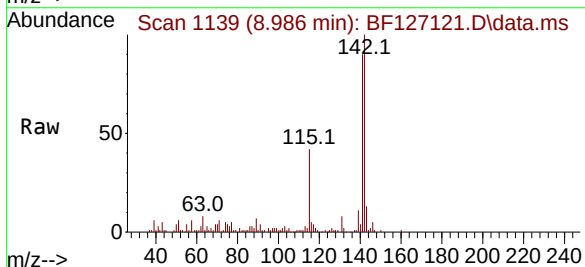
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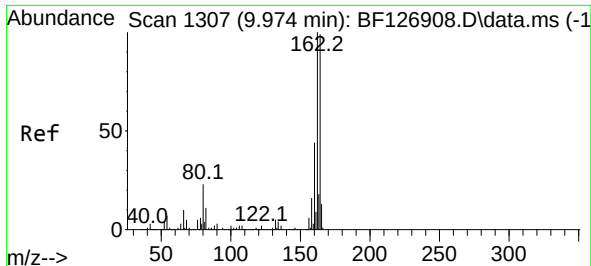
Tgt Ion:113 Resp: 7022
 Ion Ratio Lower Upper
 113 100
 55 213.4 183.9 223.9
 56 131.5 129.9 169.9



#38
 1-Methylnaphthalene
 Concen: 3.685 ng
 RT: 8.986 min Scan# 1139
 Delta R.T. -0.006 min
 Lab File: BF127121.D
 Acq: 01 Mar 2022 17:36

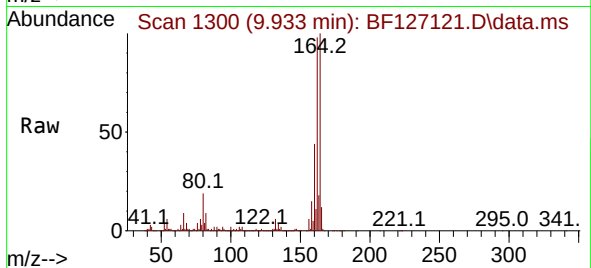
Tgt Ion:142 Resp: 43219
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.1 108.1



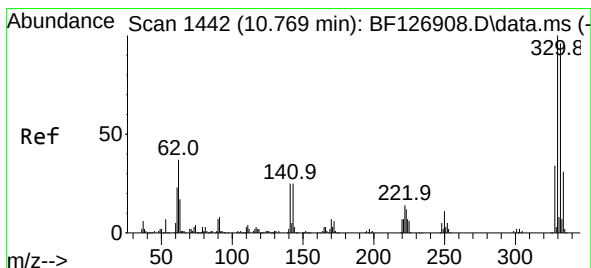
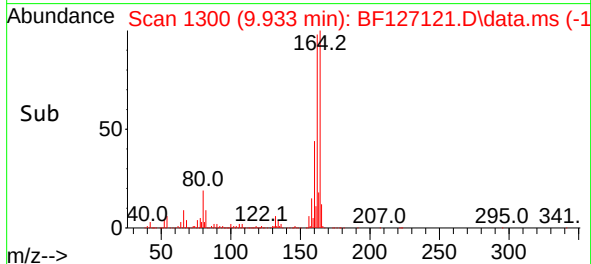
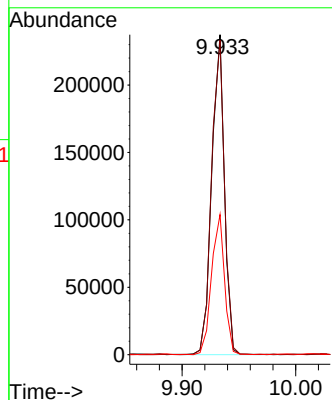


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Instrument :
BNA_F
ClientSampleId :
MW-27

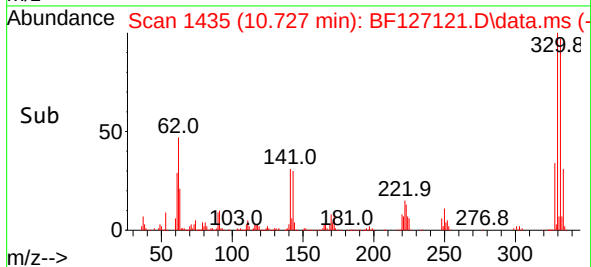
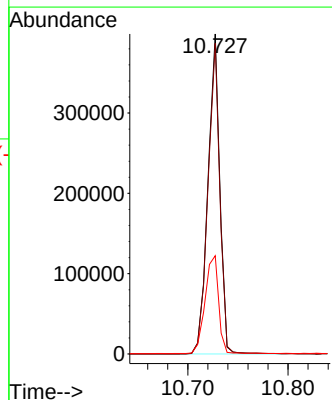
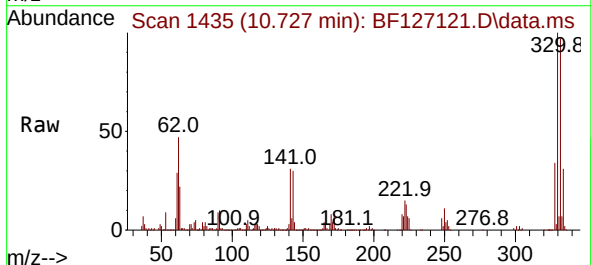


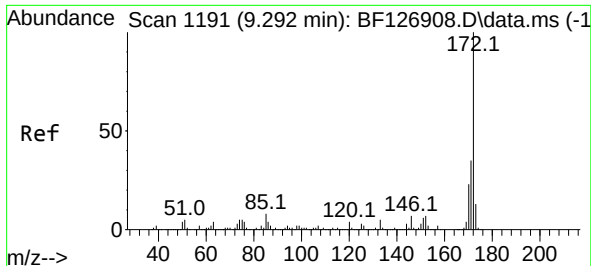
Tgt Ion:164 Resp: 183099
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 43.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 156.511 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion:330 Resp: 329947
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 35.0 30.1 45.1

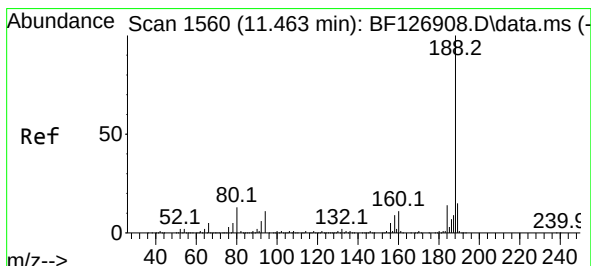
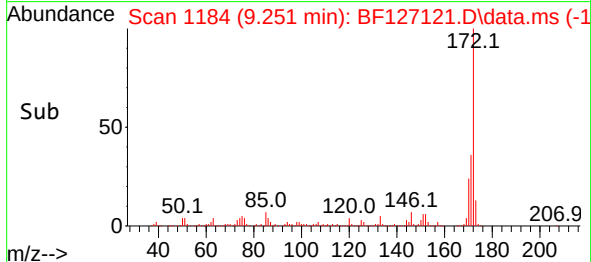
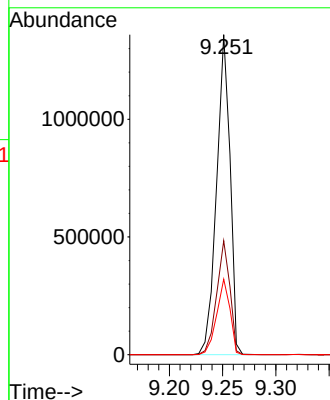
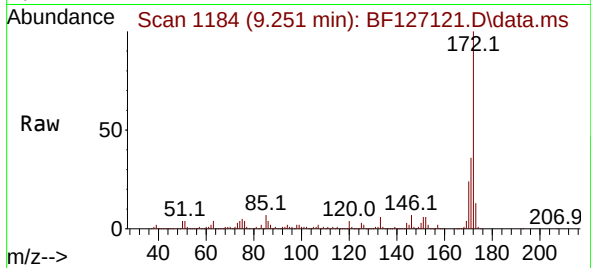




#45
2-Fluorobiphenyl
Concen: 96.063 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

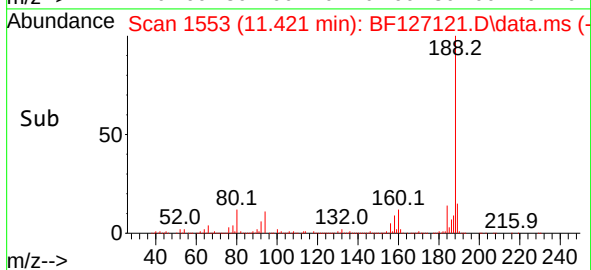
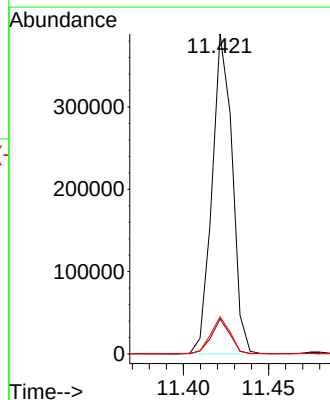
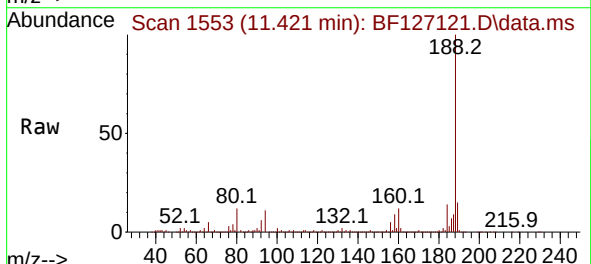
Instrument :
BNA_F
ClientSampleId :
MW-27

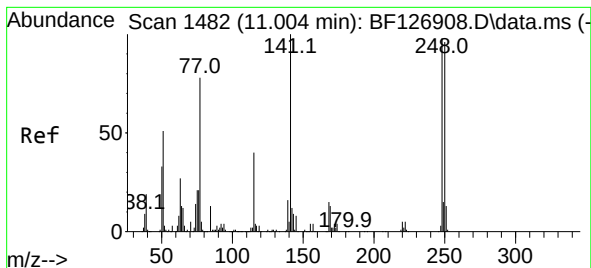
Tgt Ion:172 Resp: 1194784
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion:188 Resp: 320917
Ion Ratio Lower Upper
188 100
94 10.9 10.1 15.1
80 11.6 11.8 17.6#

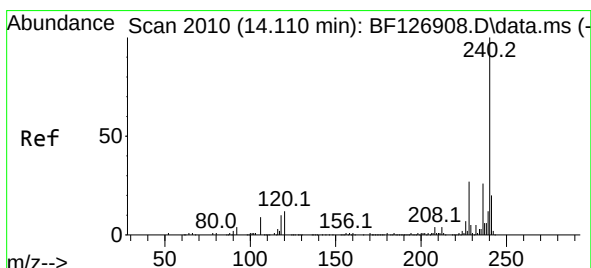
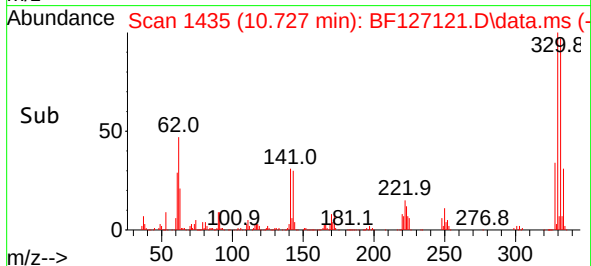
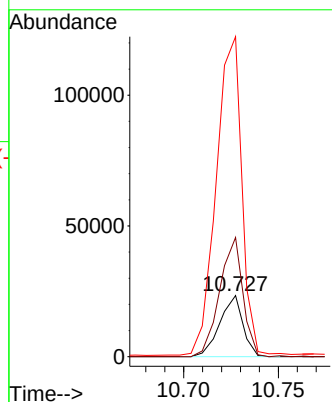
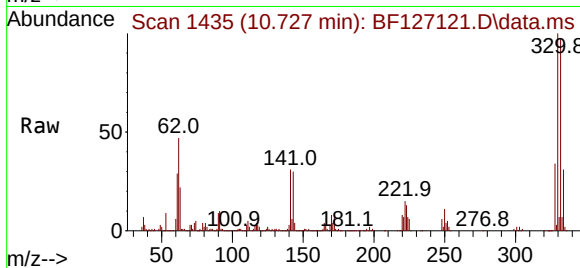




#67
4-Bromophenyl-phenylether
Concen: 5.533 ng
RT: 10.727 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

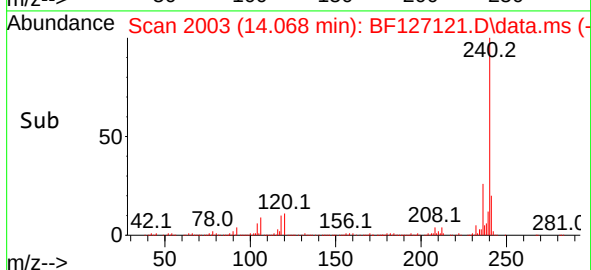
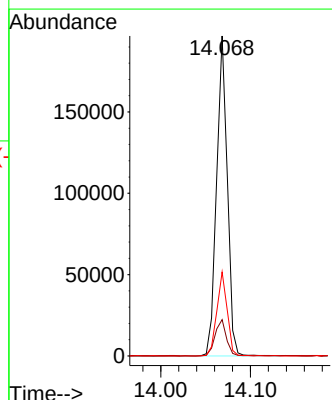
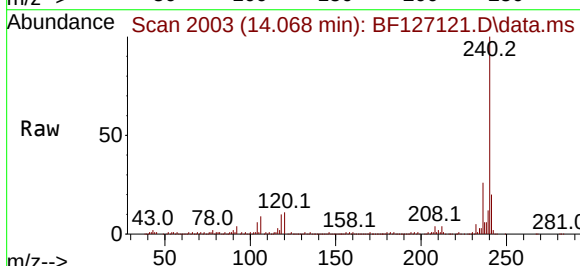
Instrument :
BNA_F
ClientSampleId :
MW-27

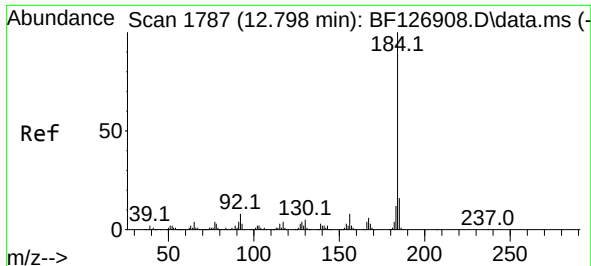
Tgt Ion:248 Resp: 19838
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.4#
141 523.0 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion:240 Resp: 163378
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 26.3 20.5 30.7

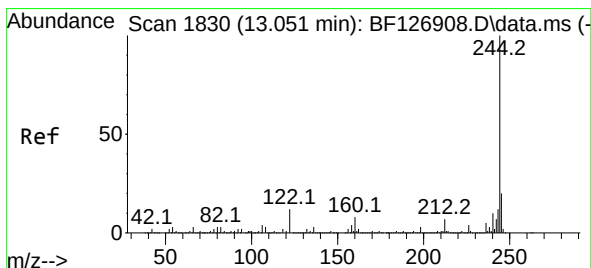
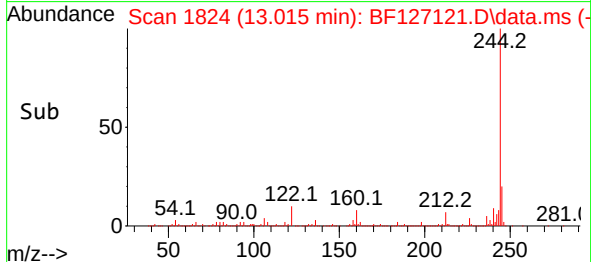
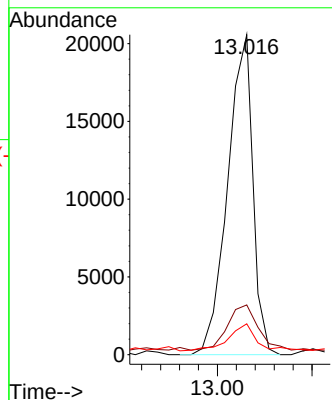
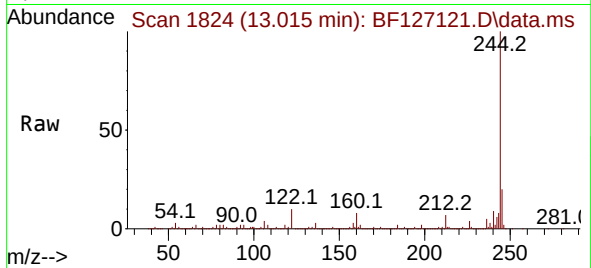




#77
Benzidine
Concen: 4.275 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.253 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

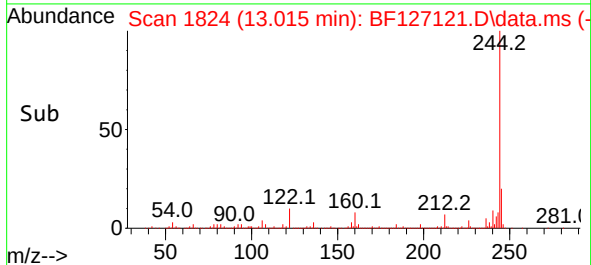
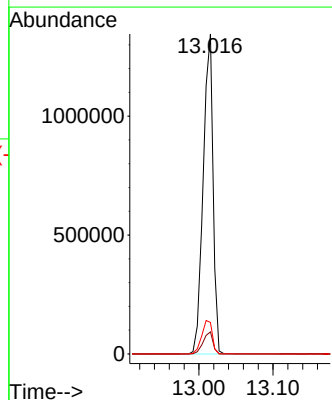
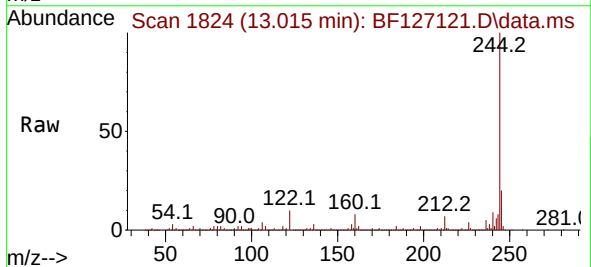
Instrument :
BNA_F
ClientSampleId :
MW-27

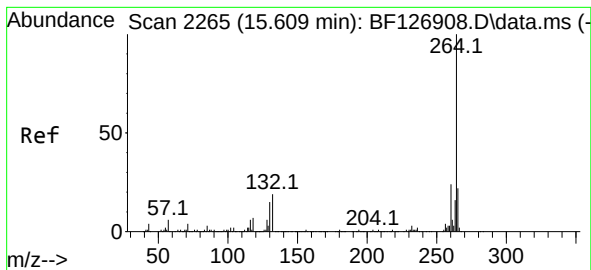
Tgt Ion:184 Resp: 18981
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 9.7 8.2 12.2



#79
Terphenyl-d14
Concen: 111.891 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF127121.D
Acq: 01 Mar 2022 17:36

Tgt Ion:244 Resp: 1243543
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 9.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127121.D
 Acq: 01 Mar 2022 17:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion:264 Resp: 166151
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.8 17.4 26.2

