

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127173.D
 Acq On : 03 Mar 2022 16:09
 Operator : CG\JU
 Sample : N1689-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Quant Time: Mar 03 17:02:48 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)

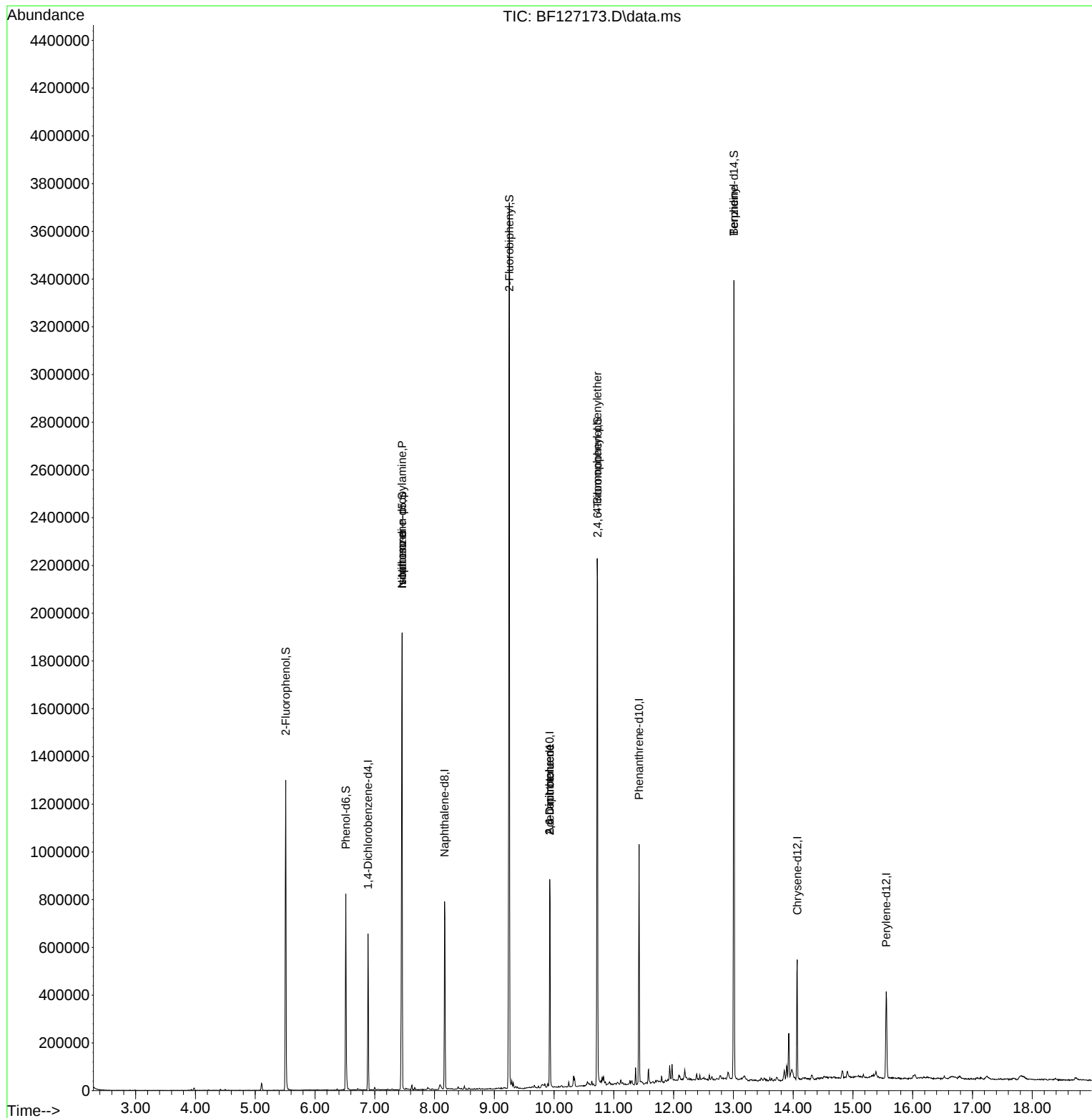
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	81422	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	336132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	172658	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	305298	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	158974	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	158142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	302865	57.491	ng	0.00
7) Phenol-d6	6.516	99	239677	33.717	ng	0.00
23) Nitrobenzene-d5	7.457	82	644656	86.567	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	297213	149.509	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1073976	91.572	ng	0.00
79) Terphenyl-d14	13.010	244	1078984	99.774	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	88925	19.414	ng	# 77
25) Isophorone	7.457	82	644646	52.314	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	22808	9.084	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	22808	6.718	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	17419	5.107	ng	# 1
77) Benzidine	13.010	184	16226	3.756	ng	# 95

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

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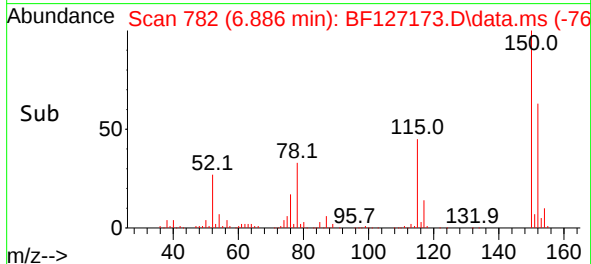
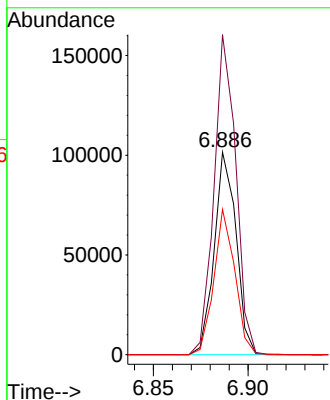
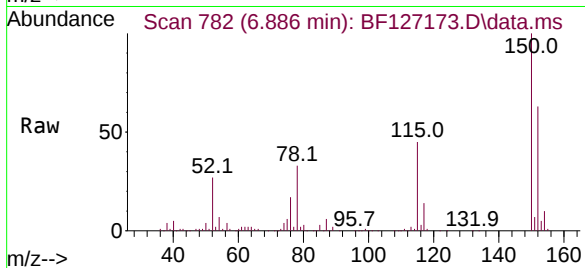




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

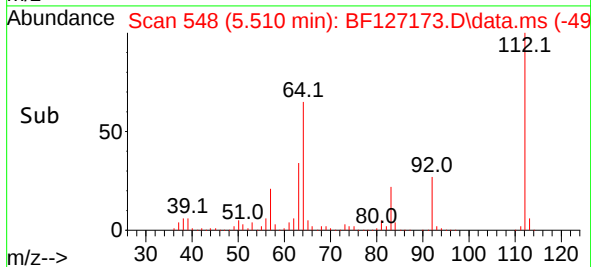
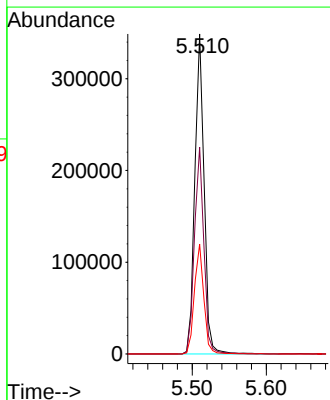
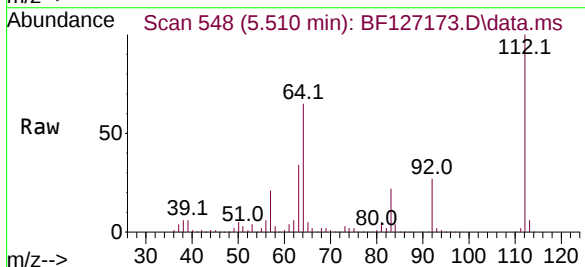
Instrument :
BNA_F
ClientSampleId :
MW-45

Tgt Ion:152 Resp: 81422
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 71.8 56.7 85.1



#5
2-Fluorophenol
Concen: 57.491 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:112 Resp: 302865
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 34.4 23.9 35.9

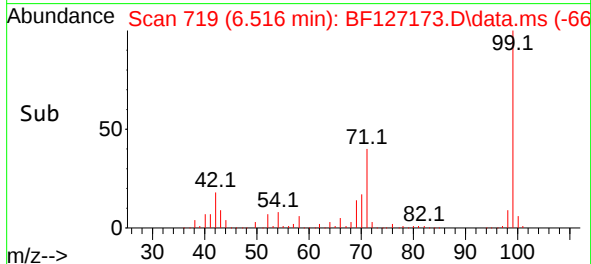
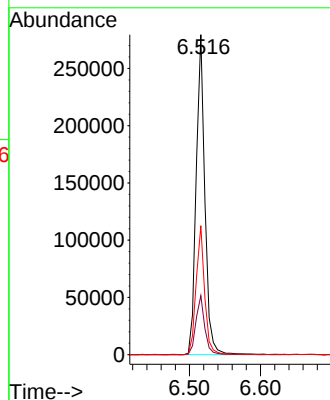
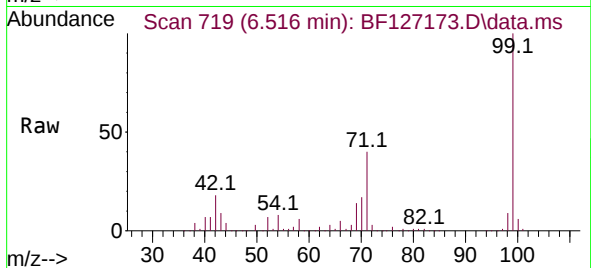




#7
Phenol-d6
Concen: 33.717 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

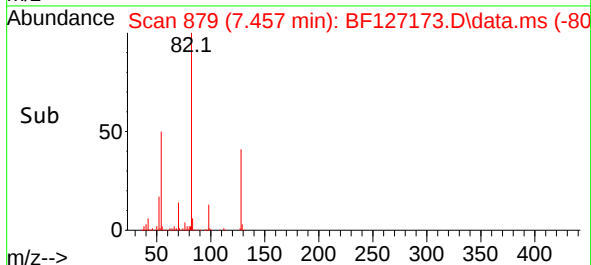
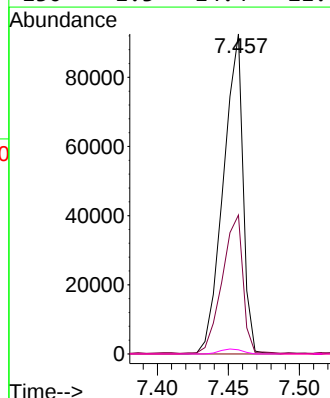
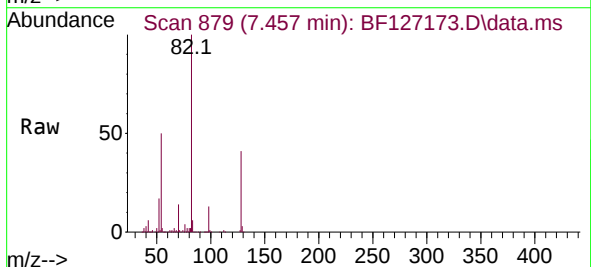
Instrument :
BNA_F
ClientSampleId :
MW-45

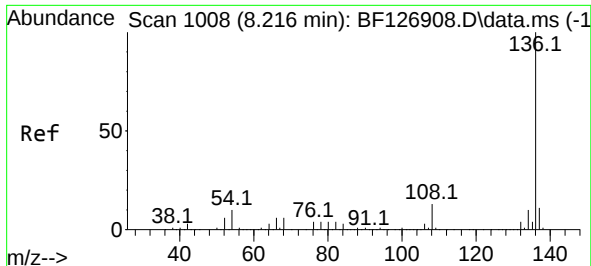
Tgt Ion: 99 Resp: 239677
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 40.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.414 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion: 70 Resp: 88925
Ion Ratio Lower Upper
70 100
42 43.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#

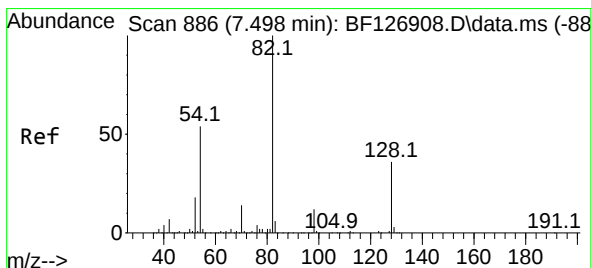
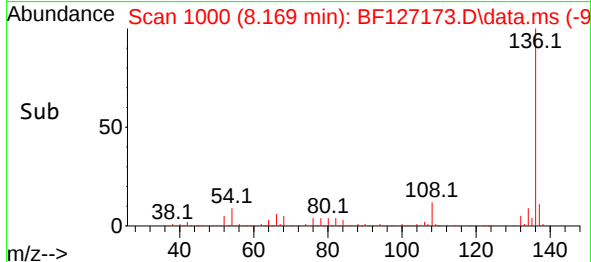
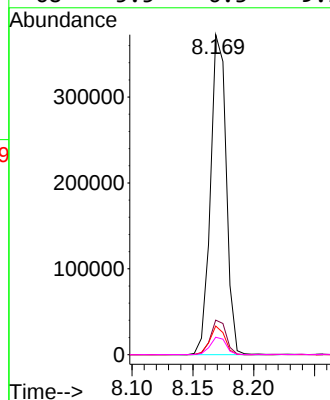
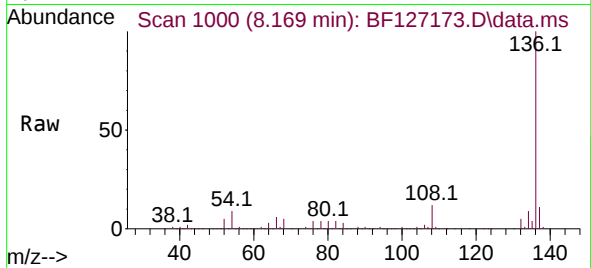




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

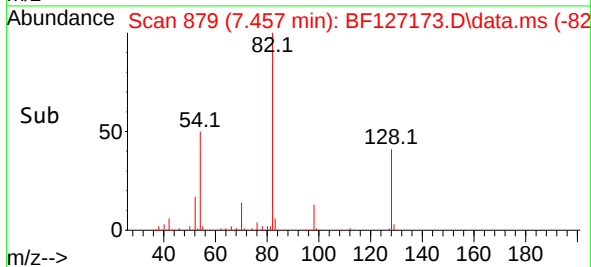
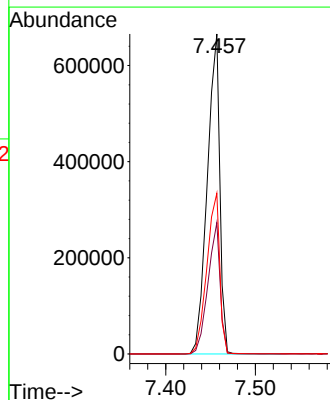
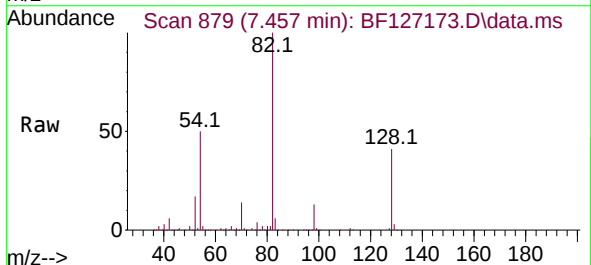
Instrument :
BNA_F
ClientSampleId :
MW-45

Tgt Ion:136 Resp: 336132
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.567 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion: 82 Resp: 644656
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 50.2 41.7 62.5

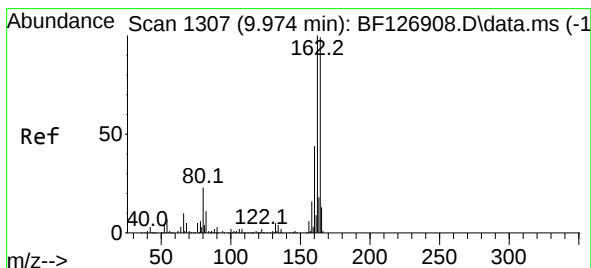
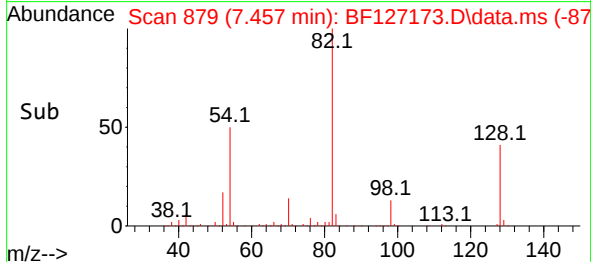
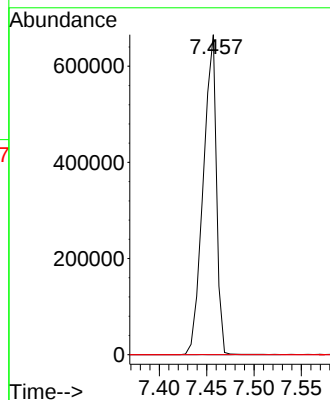
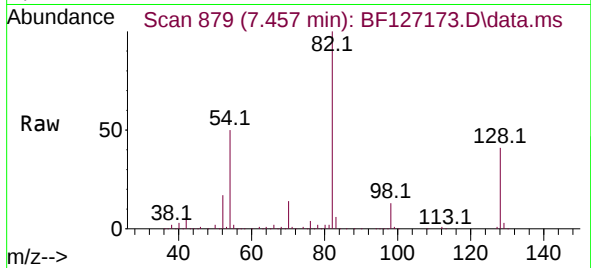




#25
Isophorone
Concen: 52.314 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

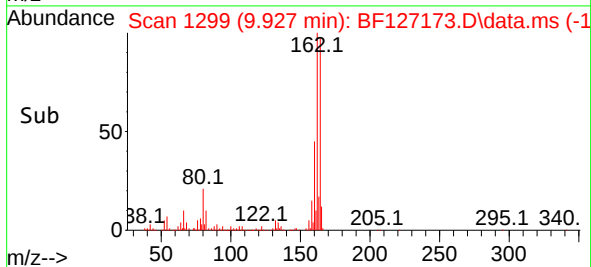
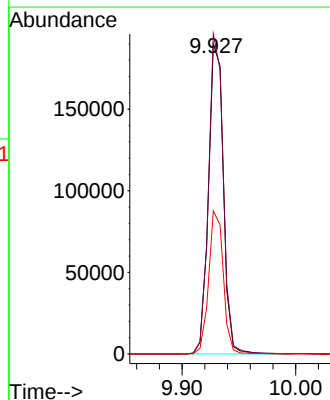
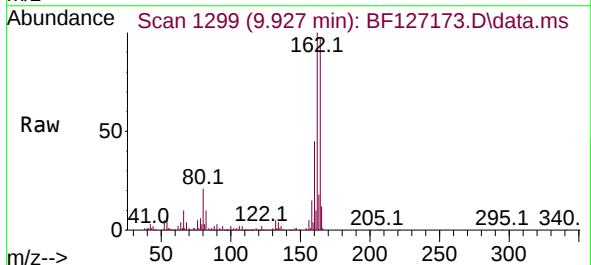
Instrument :
BNA_F
ClientSampleId :
MW-45

Tgt Ion: 82 Resp: 644646
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:164 Resp: 172658
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.509 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-45

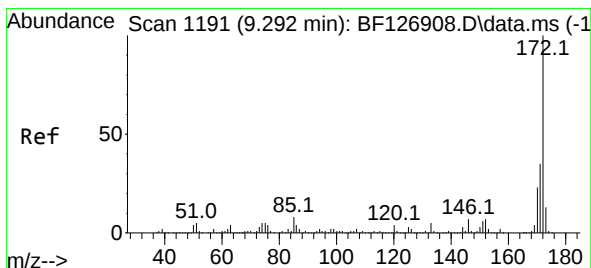
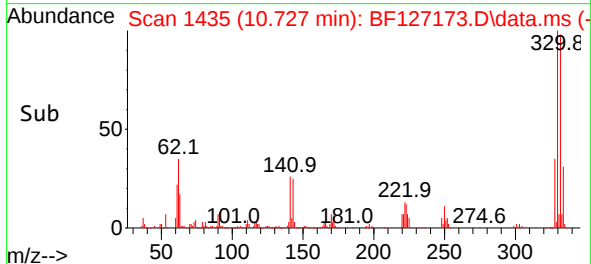
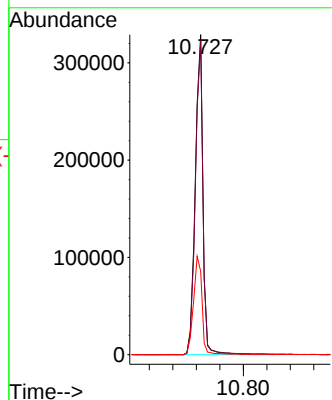
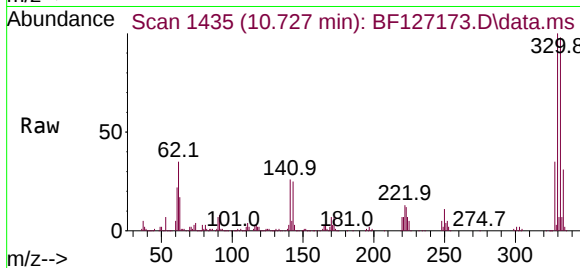
Tgt Ion:330 Resp: 297213

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 91.572 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

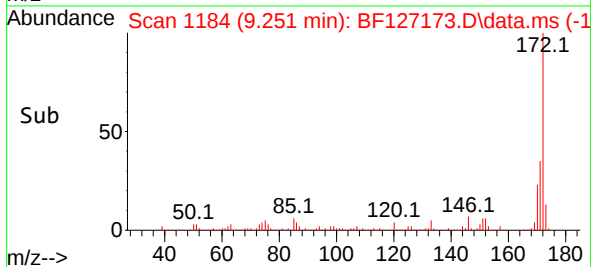
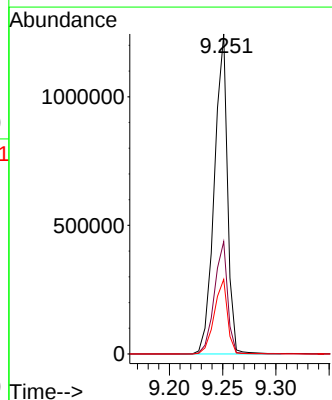
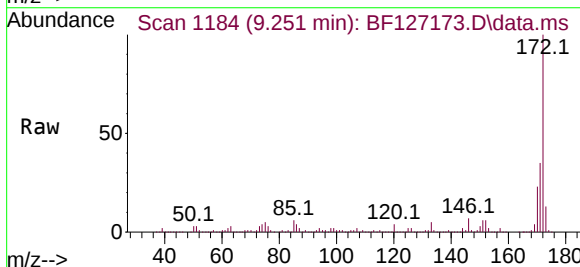
Tgt Ion:172 Resp: 1073976

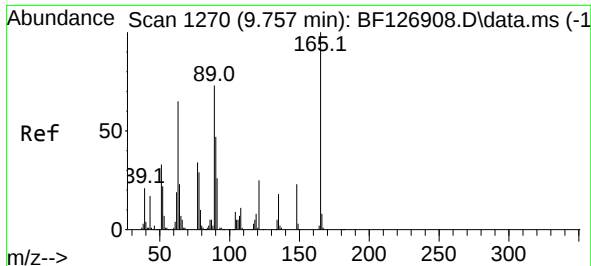
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.084 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-45

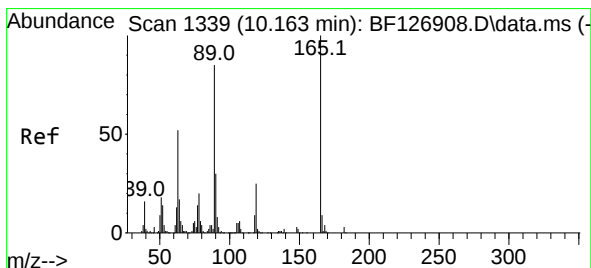
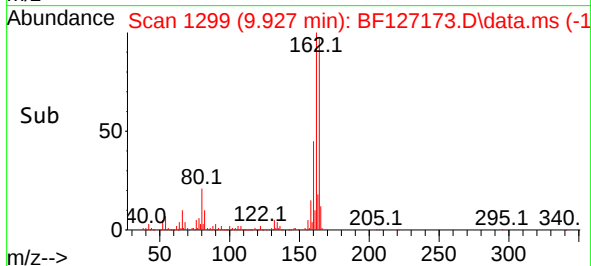
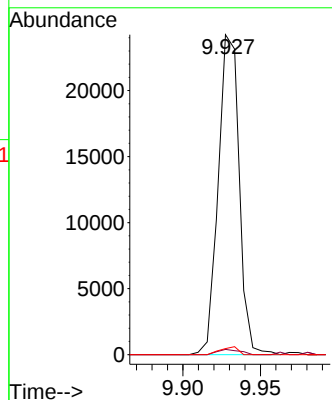
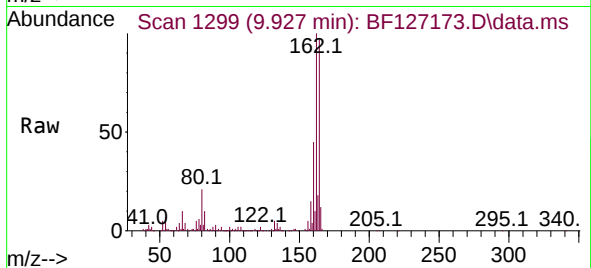
Tgt Ion:165 Resp: 22808

Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 1.9 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.718 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.200 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

Tgt Ion:165 Resp: 22808

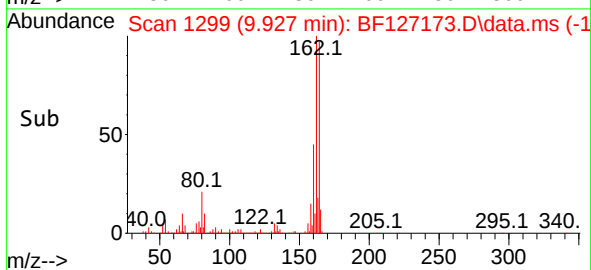
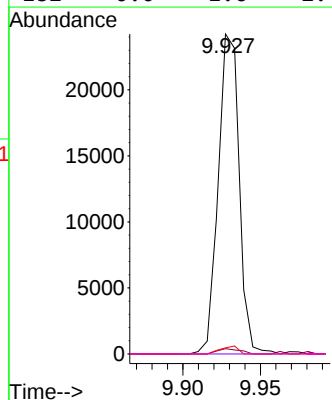
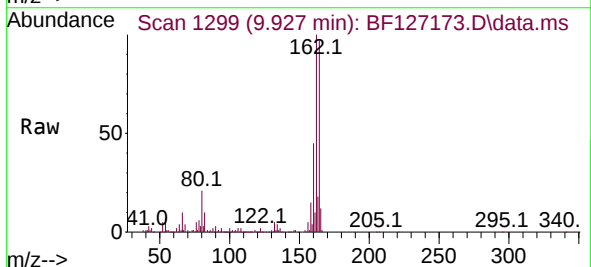
Ion Ratio Lower Upper

165 100

63 1.7 43.0 64.6#

89 1.9 71.0 106.4#

182 0.0 1.6 2.4#

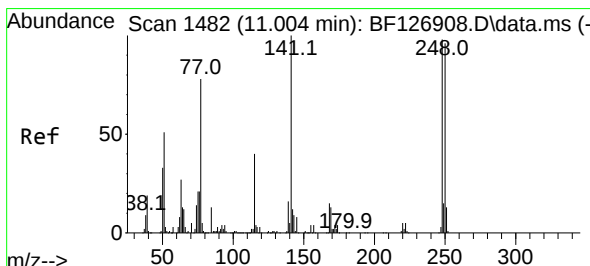
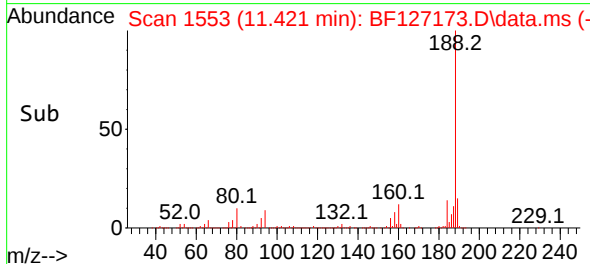
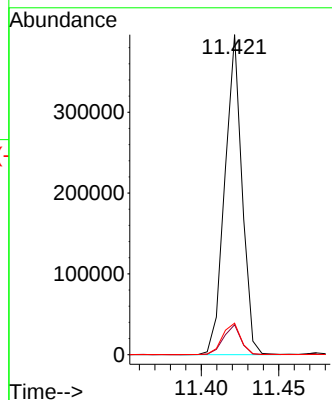
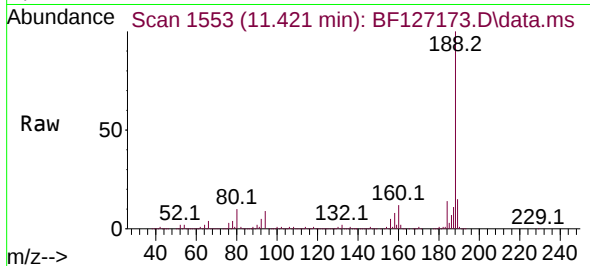




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

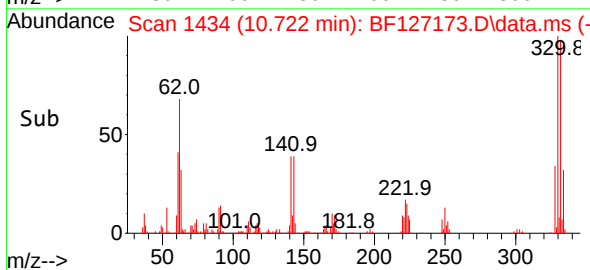
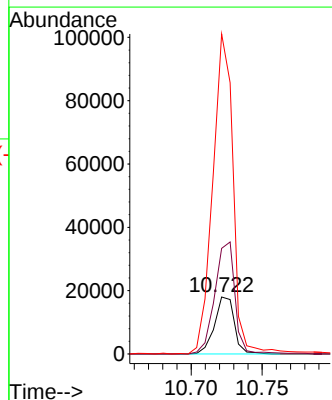
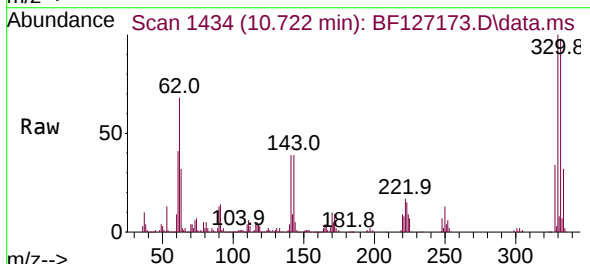
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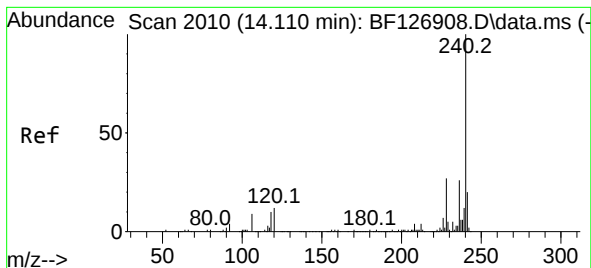
Tgt Ion:188 Resp: 305298
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 9.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.107 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:248 Resp: 17419
Ion Ratio Lower Upper
248 100
250 185.2 76.2 114.4#
141 561.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-45

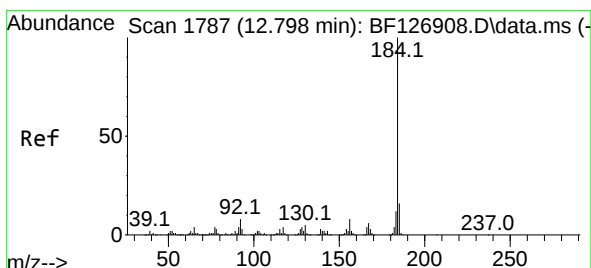
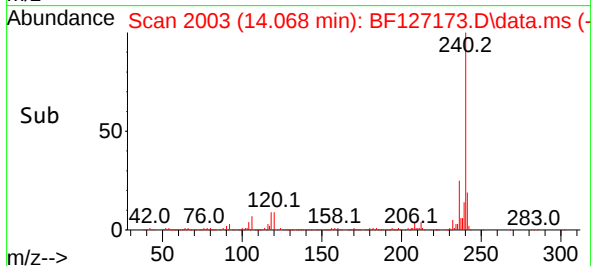
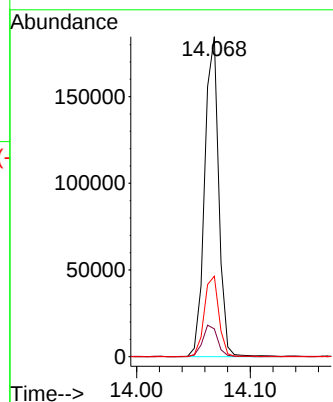
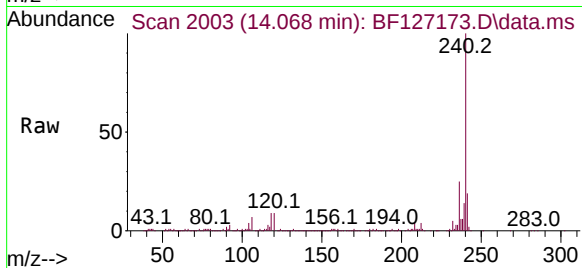
Tgt Ion:240 Resp: 158974

Ion Ratio Lower Upper

240 100

120 8.7 14.4 21.6#

236 25.2 20.5 30.7



#77

Benzidine

Concen: 3.756 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

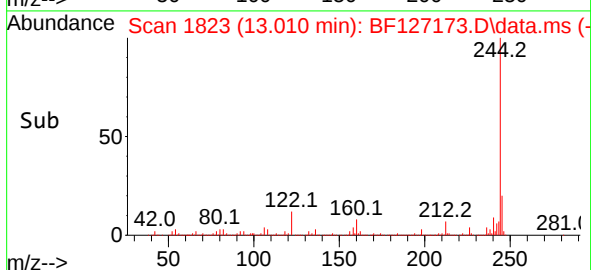
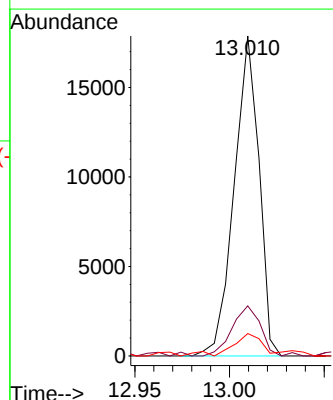
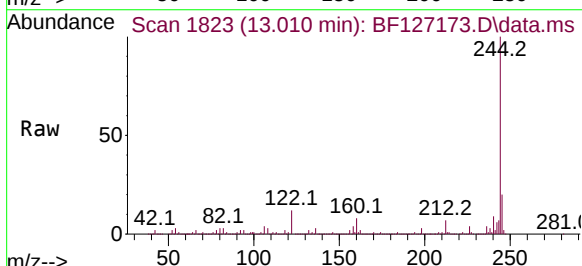
Tgt Ion:184 Resp: 16226

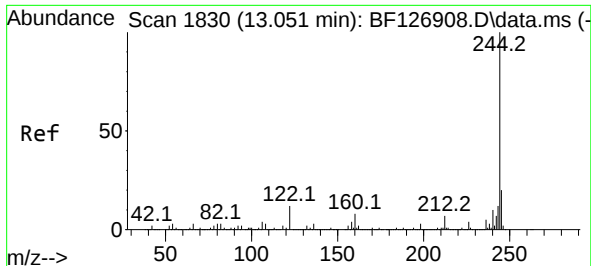
Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

183 7.0 8.2 12.2#

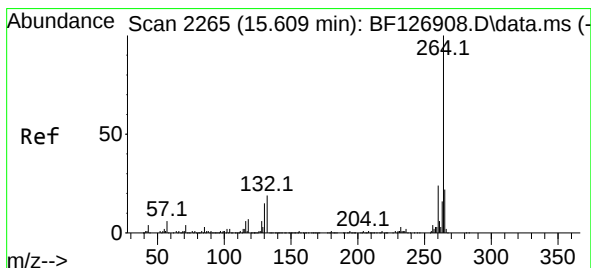
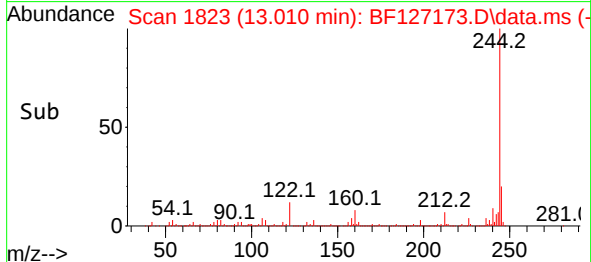
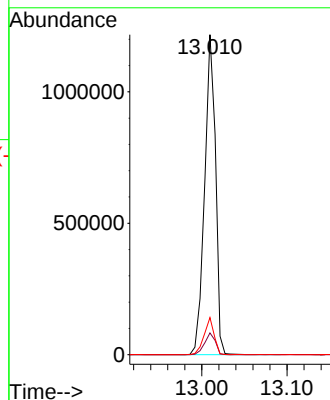
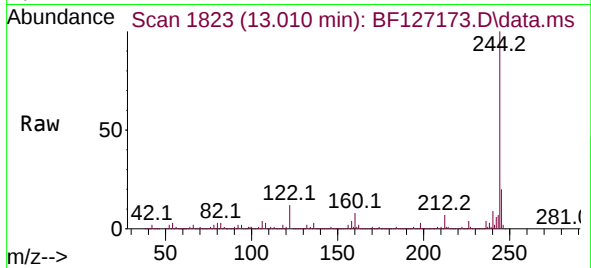




#79
 Terphenyl-d14
 Concen: 99.774 ng
 RT: 13.010 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127173.D
 Acq: 03 Mar 2022 16:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Tgt Ion:244 Resp: 1078984
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127173.D
 Acq: 03 Mar 2022 16:09

Tgt Ion:264 Resp: 158142
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.4 26.2

