

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127510.D
 Acq On : 24 Mar 2022 18:49
 Operator : CG\JU
 Sample : N2090-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-46

Quant Time: Mar 25 02:16:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

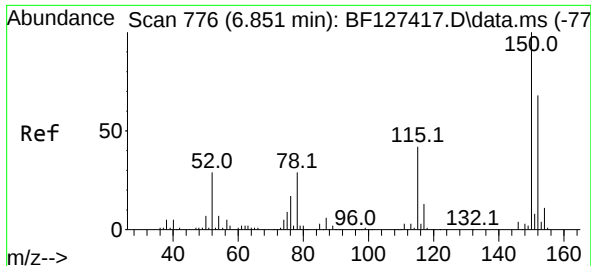
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	84106	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	298524	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172581	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	289642	20.000	ng	0.00
76) Chrysene-d12	14.021	240	182649	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	186145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	344833	65.445	ng	0.00
7) Phenol-d6	6.481	99	293772	40.788	ng	0.00
23) Nitrobenzene-d5	7.416	82	663591	95.020	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	244664	133.083	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1124537	95.149	ng	0.00
79) Terphenyl-d14	12.963	244	978521	87.701	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	663	Below Cal	#	7
10) Phenol	6.498	94	15734	2.006	ng	80
19) n-Nitroso-di-n-propyla...	7.416	70	89509	20.733	ng	# 82
25) Isophorone	7.416	82	663591	59.659	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	22378	8.879	ng	# 17
55) Dibenzofuran	10.098	168	191	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	22378	6.898	ng	# 13
58) Fluorene	10.680	166	8839	Below Cal	#	77
67) 4-Bromophenyl-phenylether	10.680	248	16630	4.918	ng	# 1
77) Benzidine	12.963	184	12472	2.864	ng	# 88

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

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QLast Update : Tue Mar 22 02:16:33 2022
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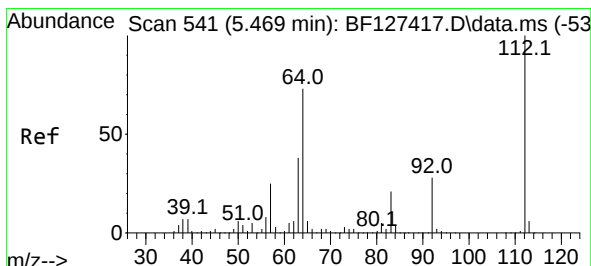
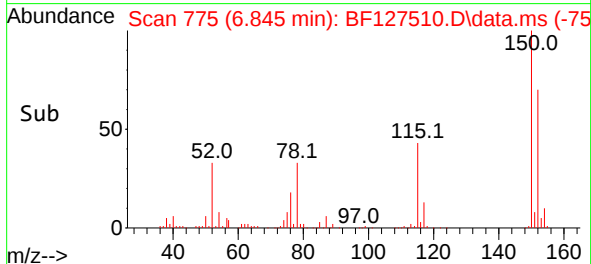
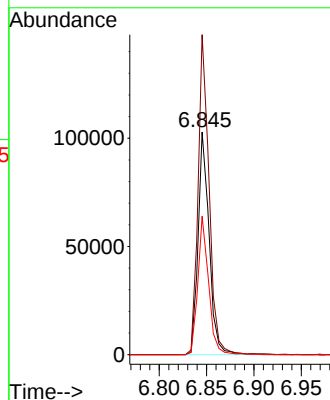
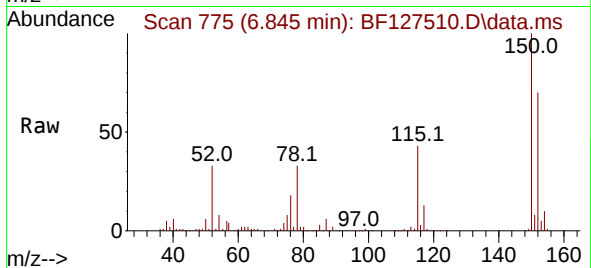




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127510.D
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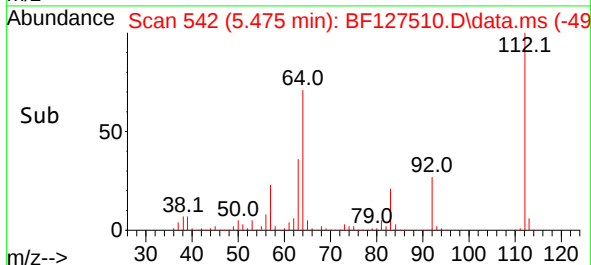
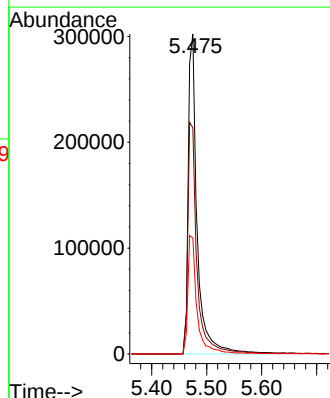
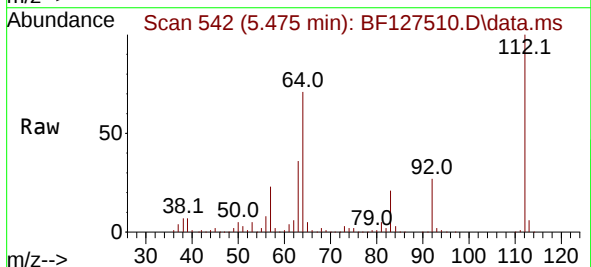
Instrument :
BNA_F
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MW-46

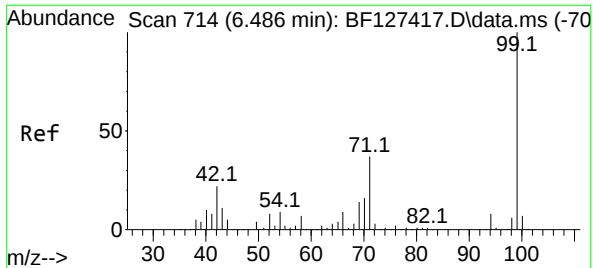
Tgt Ion:152 Resp: 84106
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 62.2 49.8 74.6



#5
2-Fluorophenol
Concen: 65.445 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:112 Resp: 344833
Ion Ratio Lower Upper
112 100
64 70.7 58.4 87.6
63 36.3 30.1 45.1

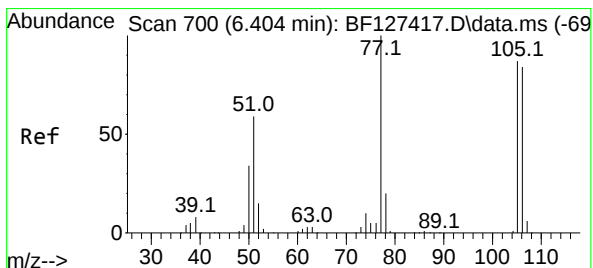
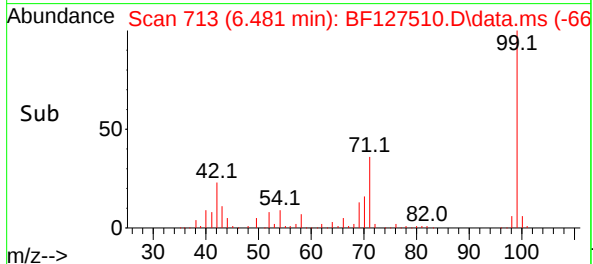
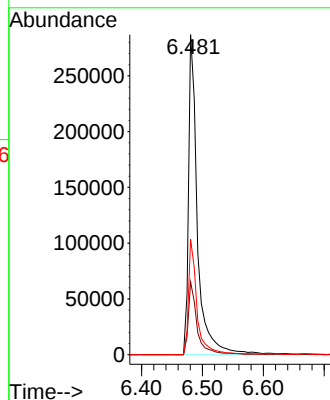
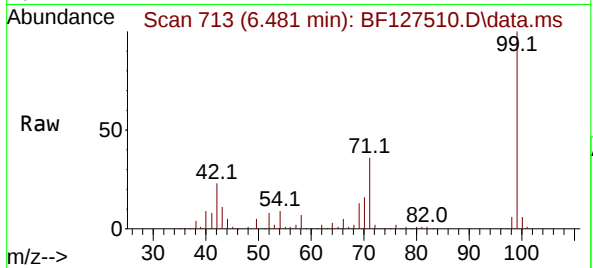




#7
Phenol-d6
Concen: 40.788 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

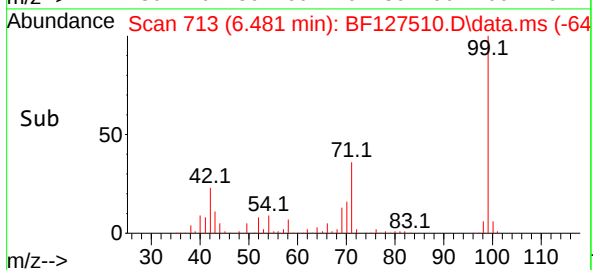
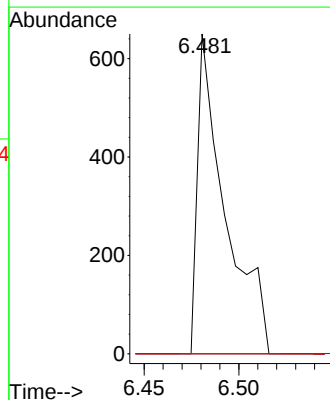
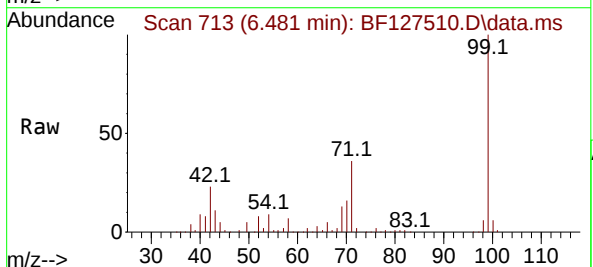
Instrument :
BNA_F
ClientSampleId :
MW-46

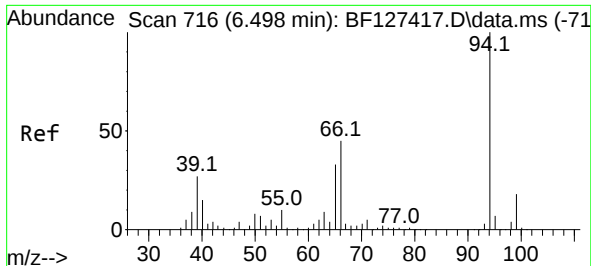
Tgt Ion: 99 Resp: 293772
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 36.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion: 77 Resp: 663
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

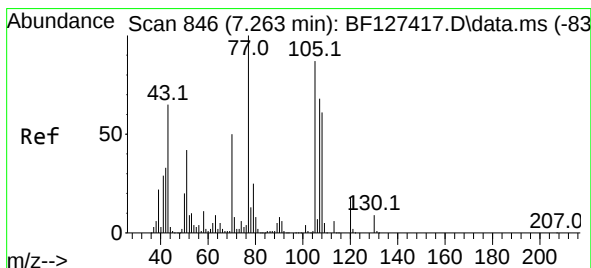
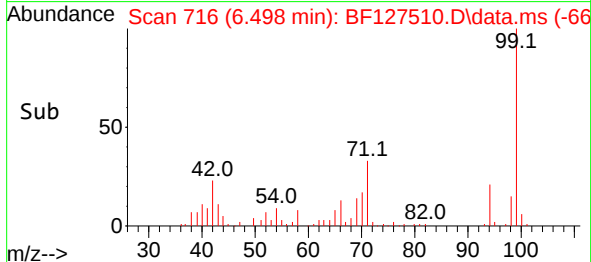
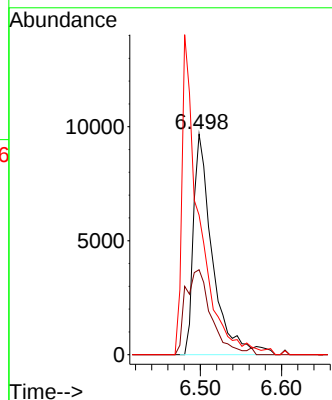
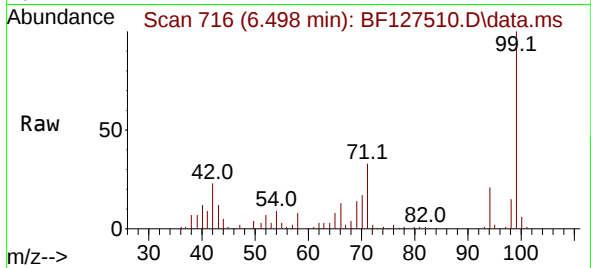




#10
Phenol
Concen: 2.006 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

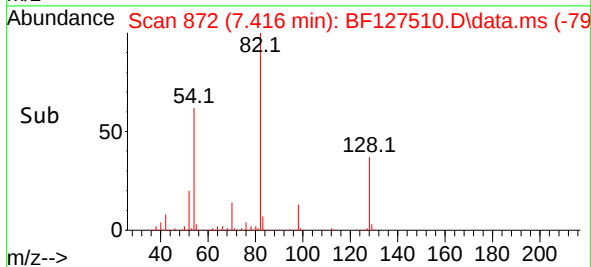
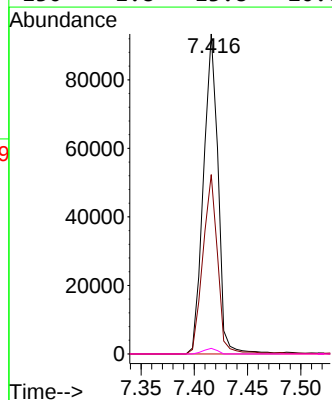
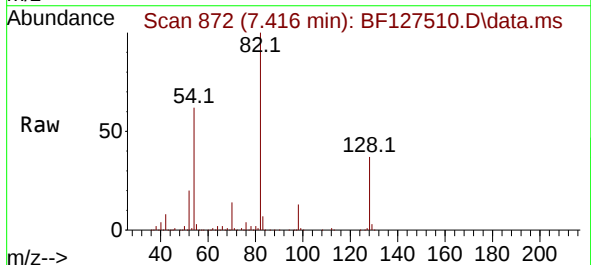
Instrument :
BNA_F
ClientSampleId :
MW-46

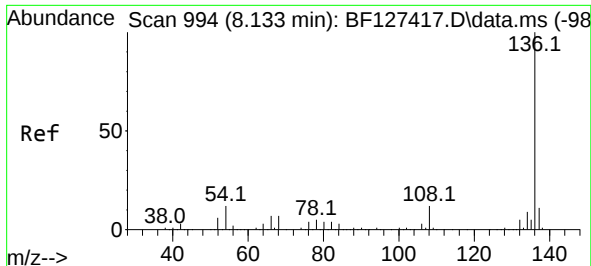
Tgt Ion: 94 Resp: 15734
Ion Ratio Lower Upper
94 100
65 38.5 13.1 53.1
66 63.2 24.9 64.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.733 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion: 70 Resp: 89509
Ion Ratio Lower Upper
70 100
42 56.1 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#

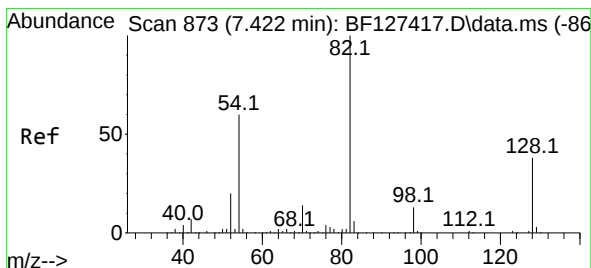
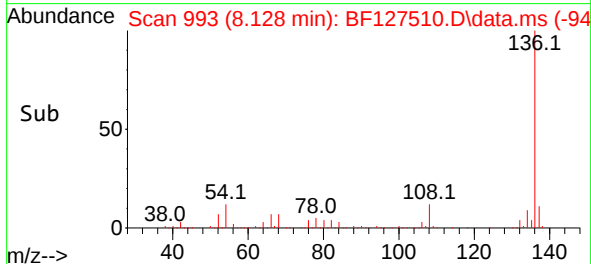
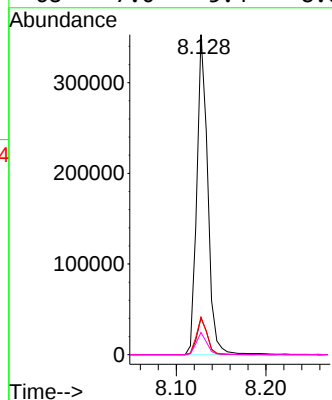
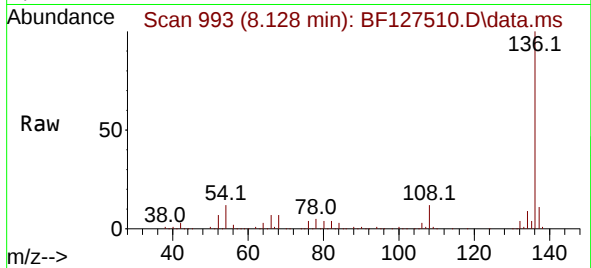




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

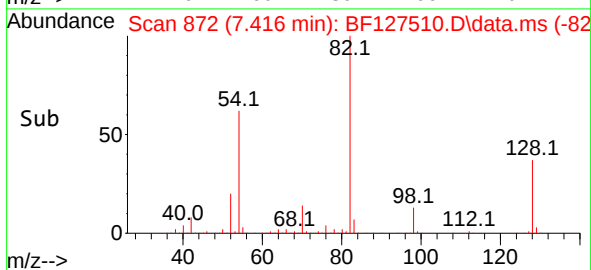
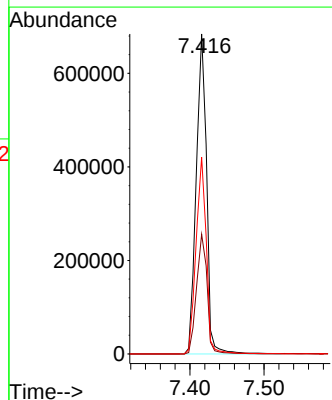
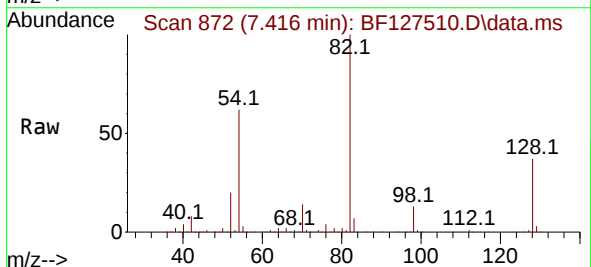
Instrument :
BNA_F
ClientSampleId :
MW-46

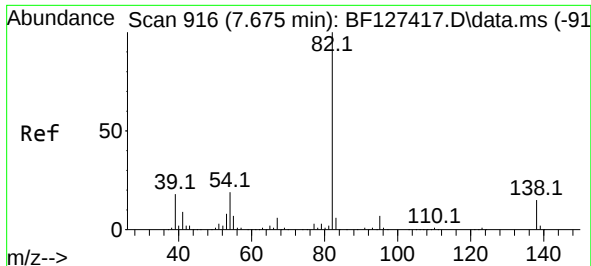
Tgt Ion:136 Resp: 298524
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.7 9.2 13.8
68 7.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 95.020 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion: 82 Resp: 663591
Ion Ratio Lower Upper
82 100
128 37.4 30.6 45.8
54 61.5 48.2 72.2

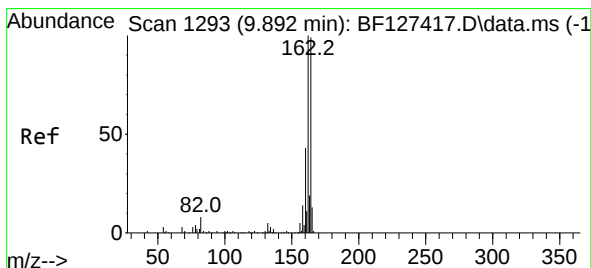
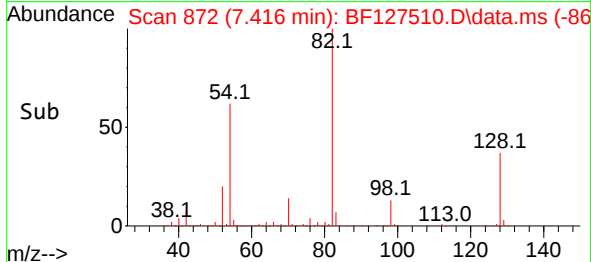
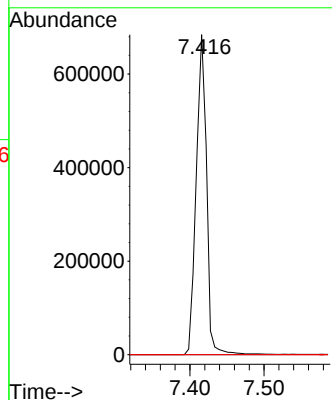
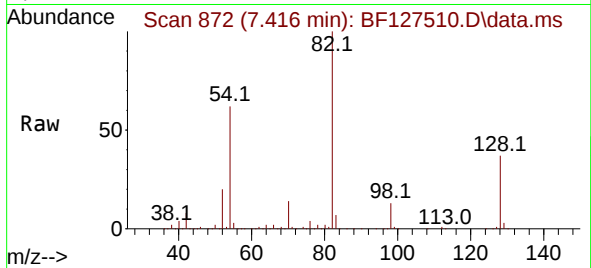




#25
Isophorone
Concen: 59.659 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

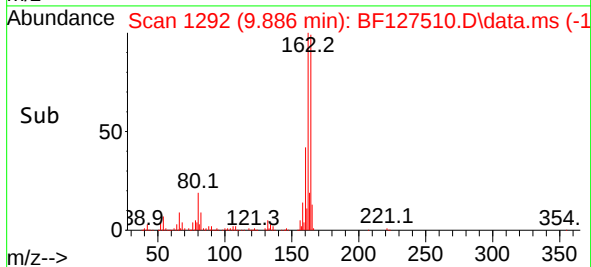
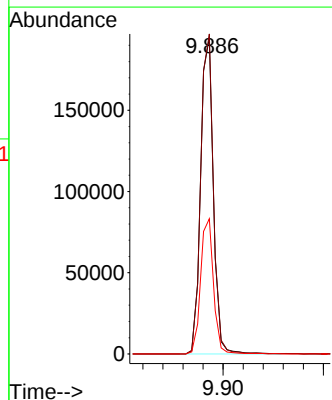
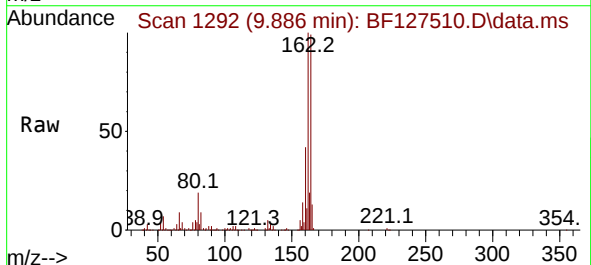
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ClientSampleId :
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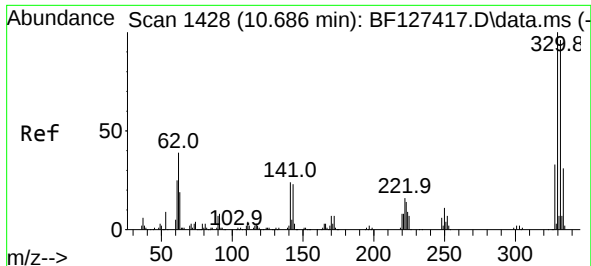
Tgt Ion: 82 Resp: 663591
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:164 Resp: 172581
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 42.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 133.083 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

MW-46

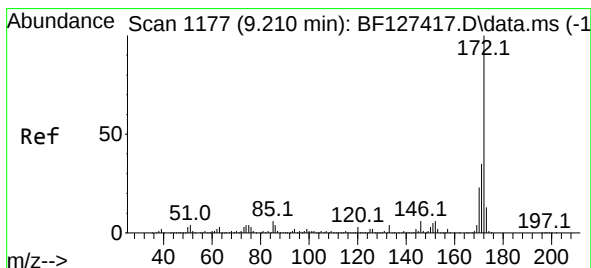
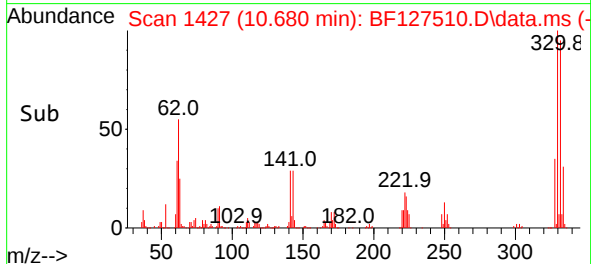
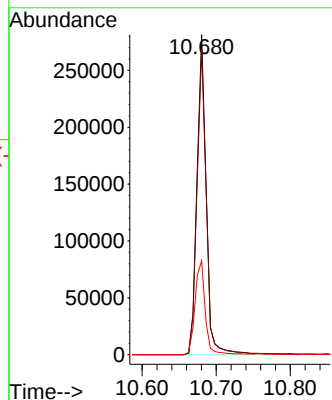
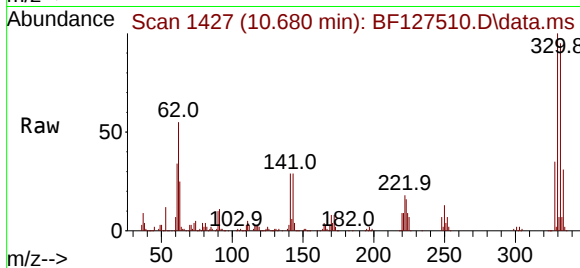
Tgt Ion:330 Resp: 244664

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 32.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 95.149 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

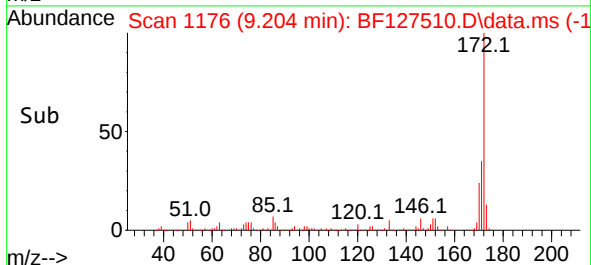
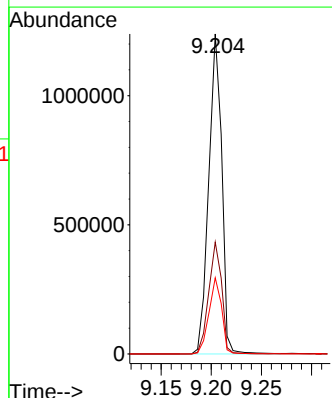
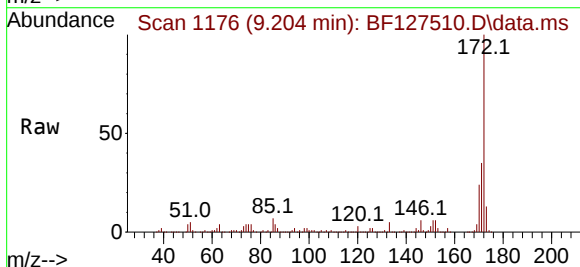
Tgt Ion:172 Resp: 1124537

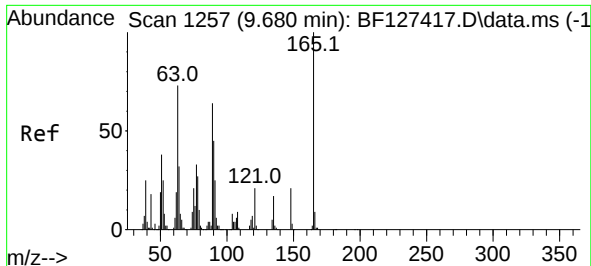
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.8 18.6 27.8

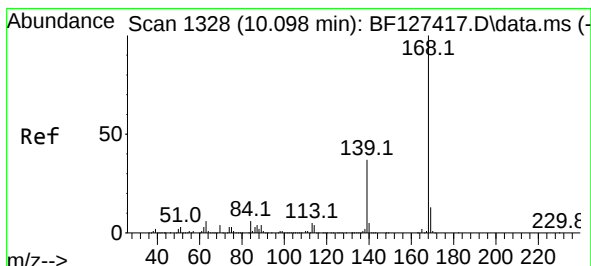
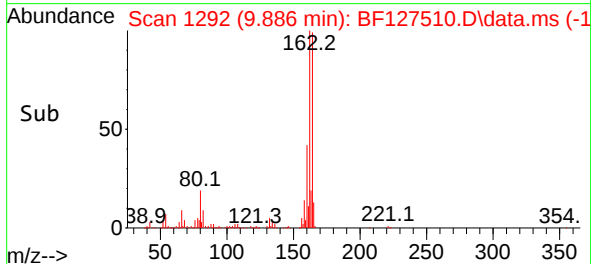
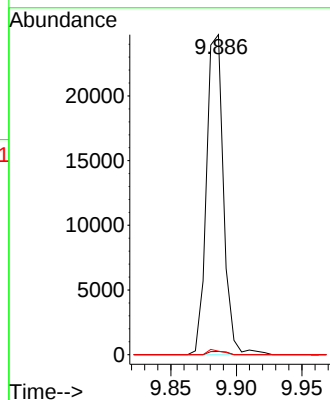
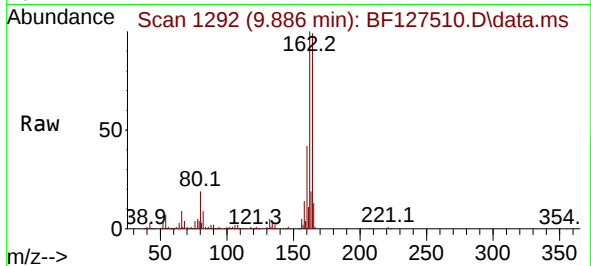




#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.886 min Scan# 1257
Delta R.T. 0.206 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

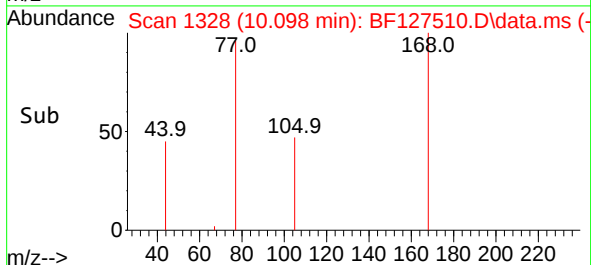
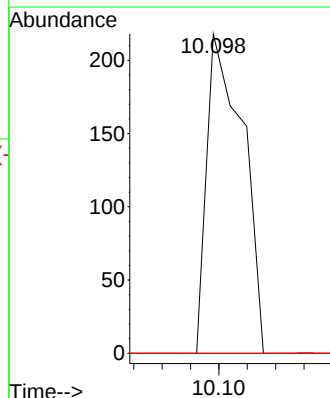
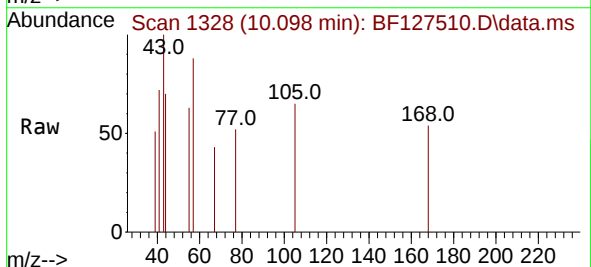
Instrument :
BNA_F
ClientSampleId :
MW-46

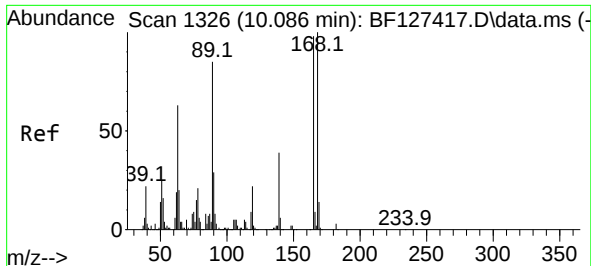
Tgt Ion:165 Resp: 22378
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.1 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:168 Resp: 191
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#

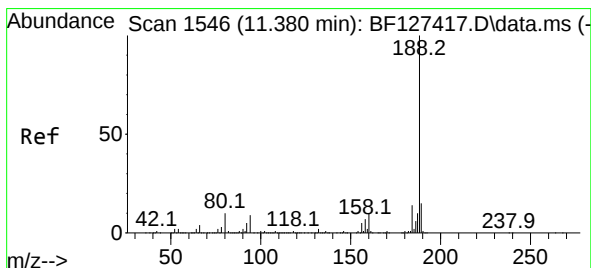
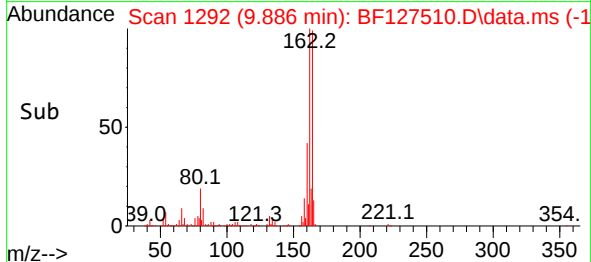
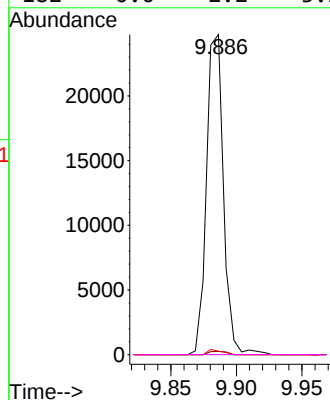
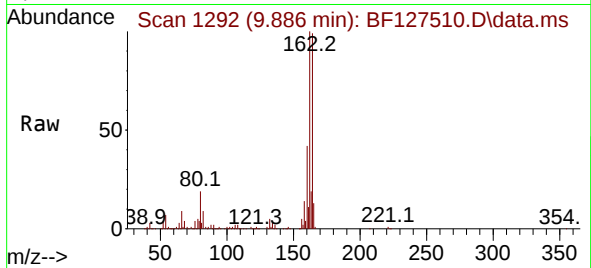




#57
2,4-Dinitrotoluene
Concen: 6.898 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

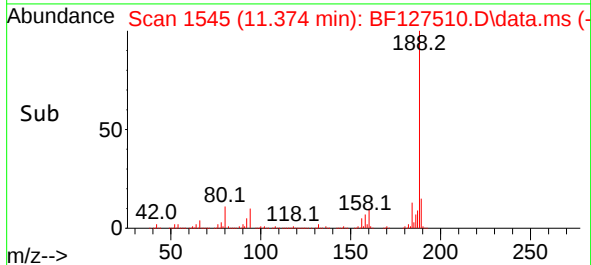
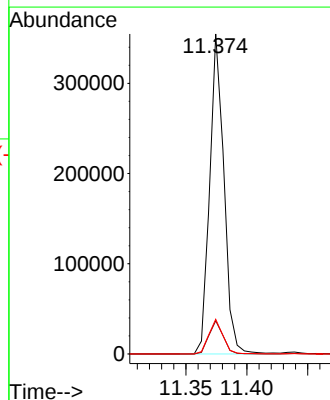
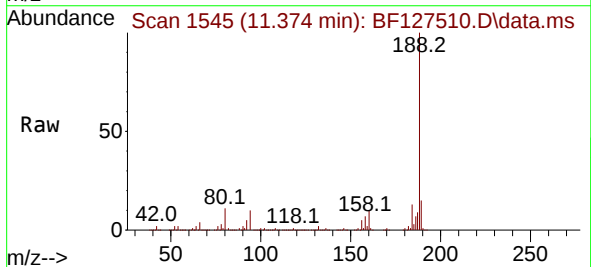
Instrument :
BNA_F
ClientSampleId :
MW-46

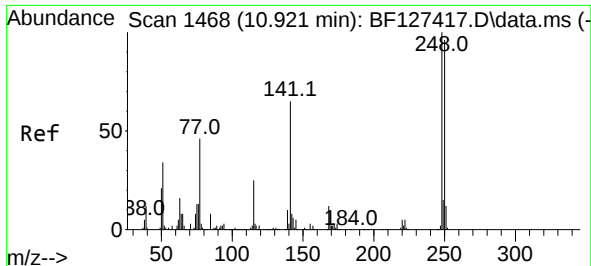
Tgt Ion:165 Resp: 22378
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:188 Resp: 289642
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 10.9 8.0 12.0

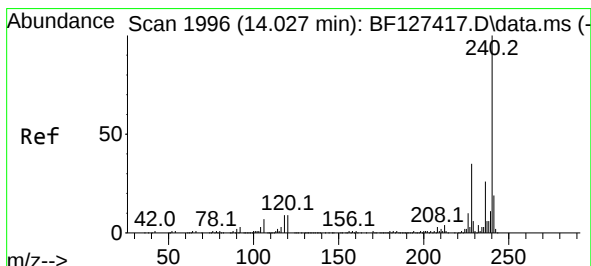
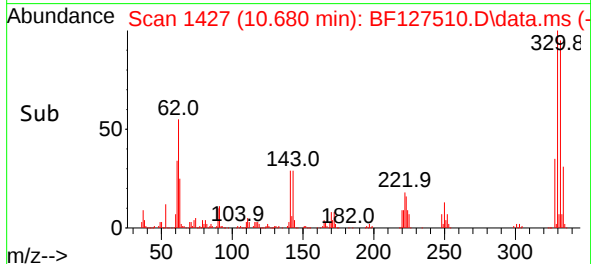
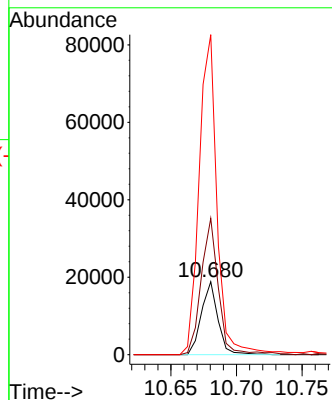
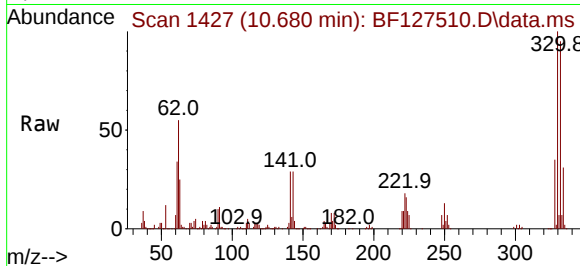




#67
4-Bromophenyl-phenylether
Concen: 4.918 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

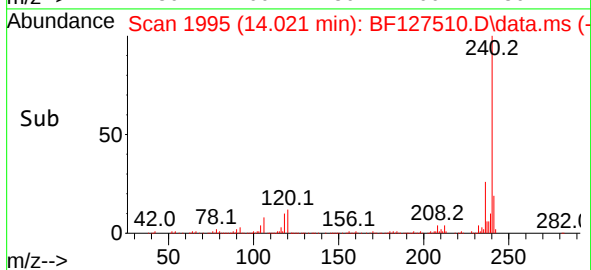
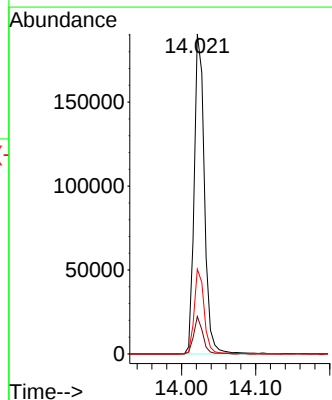
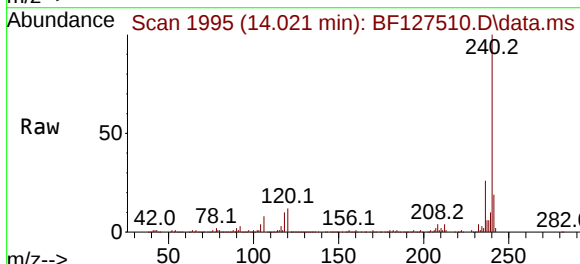
Instrument :
BNA_F
ClientSampleId :
MW-46

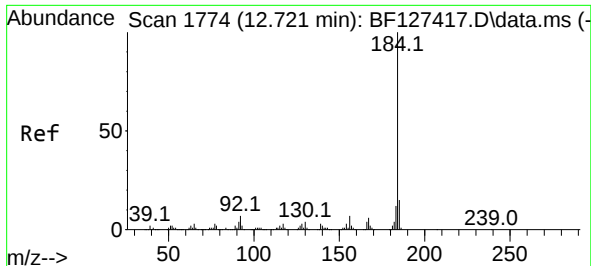
Tgt Ion:248 Resp: 16630
Ion Ratio Lower Upper
248 100
250 186.9 76.6 115.0#
141 438.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:240 Resp: 182649
Ion Ratio Lower Upper
240 100
120 11.7 7.1 10.7#
236 26.5 20.7 31.1

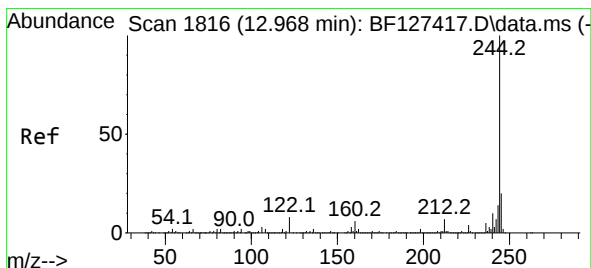
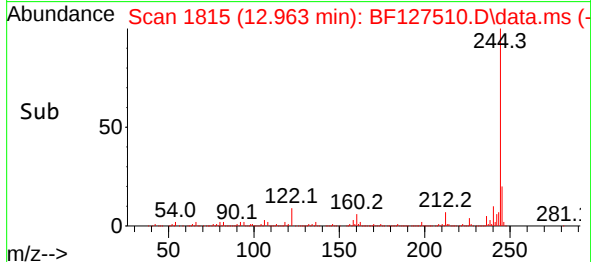
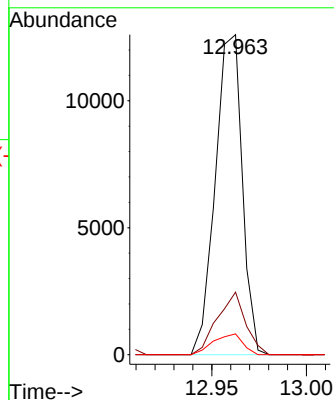
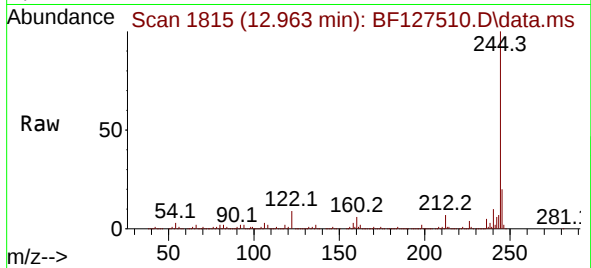




#77
Benzidine
Concen: 2.864 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

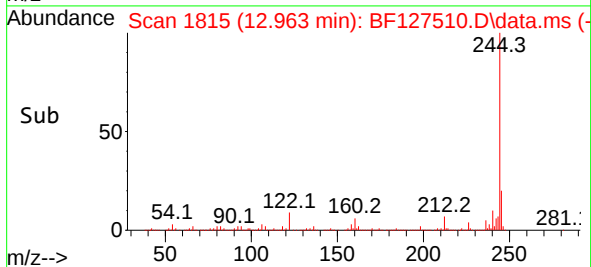
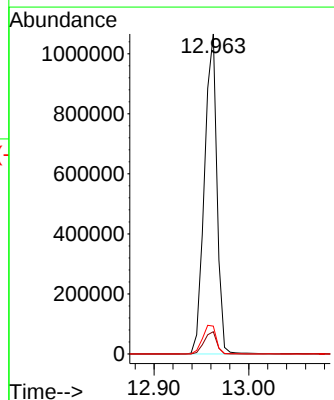
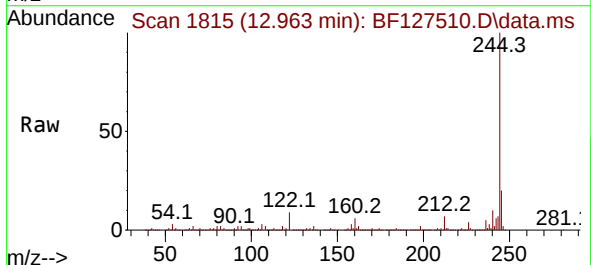
Instrument :
BNA_F
ClientSampleId :
MW-46

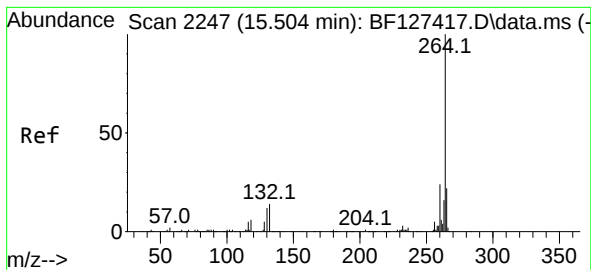
Tgt Ion:184 Resp: 12472
Ion Ratio Lower Upper
184 100
185 19.6 12.2 18.2#
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.701 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:244 Resp: 978521
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.7 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Instrument :
BNA_F
ClientSampleId :
MW-46

Tgt Ion:264 Resp: 186145
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.4 17.4 26.2

