

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127074.D
 Acq On : 25 Feb 2022 16:47
 Operator : CG\JU
 Sample : N1655-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-MID

Quant Time: Feb 26 01:39:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

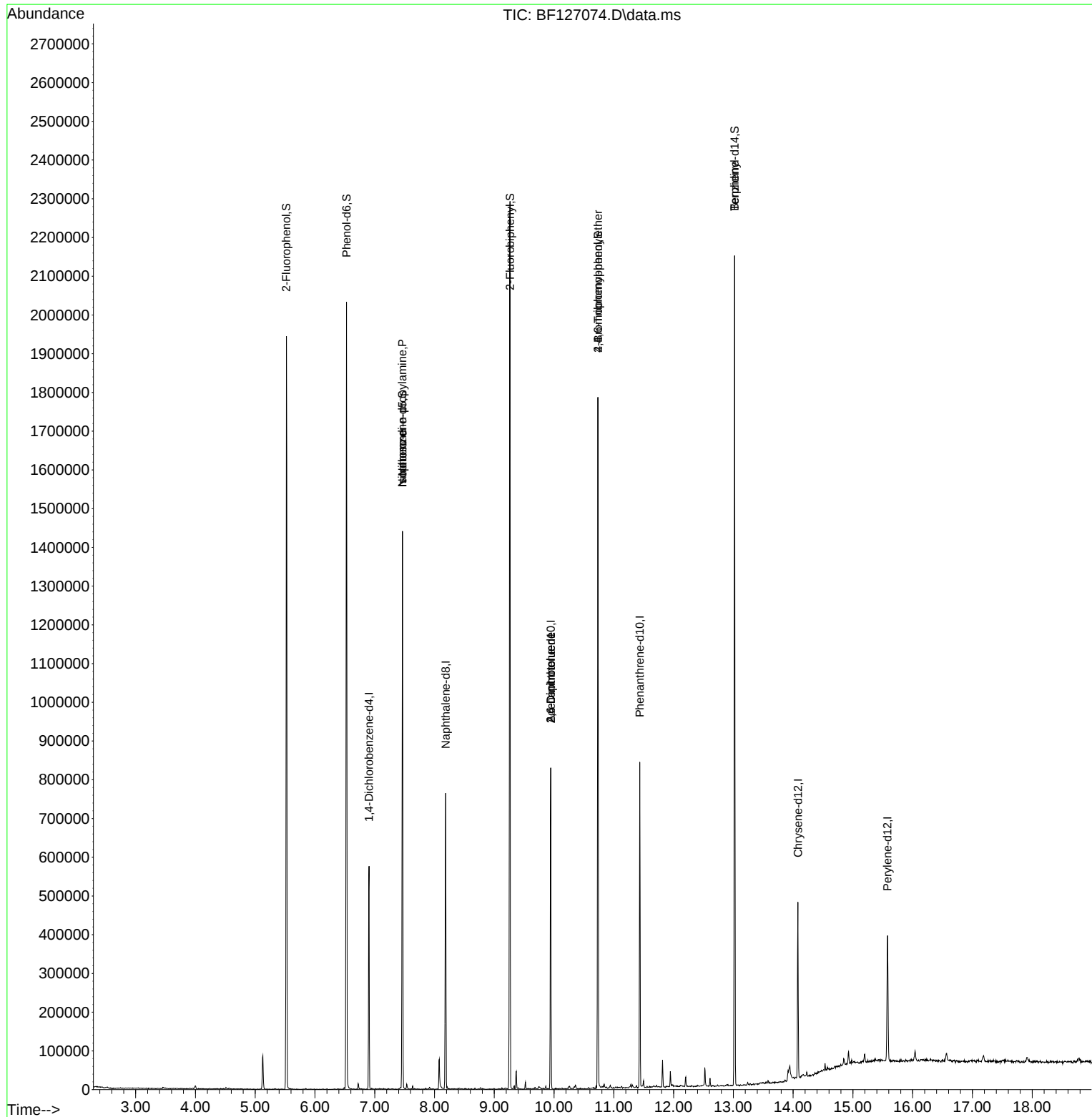
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	74580	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	294690	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	153435	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	260242	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	133927	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	137098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	458742	95.068	ng	0.00
7) Phenol-d6	6.528	99	611933	93.982	ng	-0.01
23) Nitrobenzene-d5	7.463	82	440400	67.456	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	181245	102.596	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	671482	64.426	ng	0.00
79) Terphenyl-d14	13.022	244	623817	68.473	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	60773	14.485	ng	# 79
25) Isophorone	7.463	82	439079	40.643	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	19037	8.532	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	19037	6.310	ng	# 16
67) 4-Bromophenyl-phenylether	10.734	248	11276	3.878	ng	# 1
77) Benzidine	13.022	184	9620	2.643	ng	97

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

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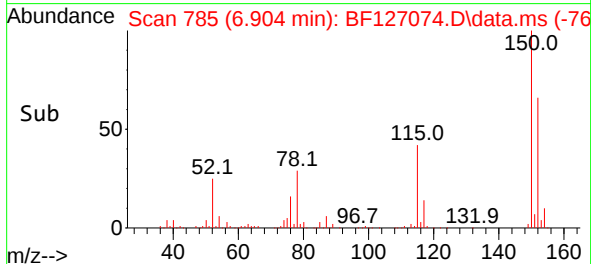
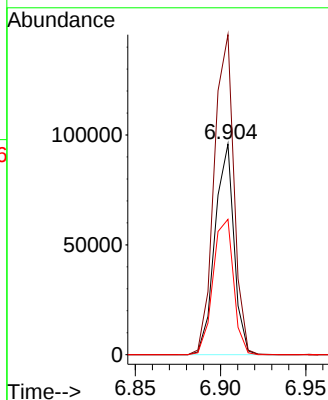
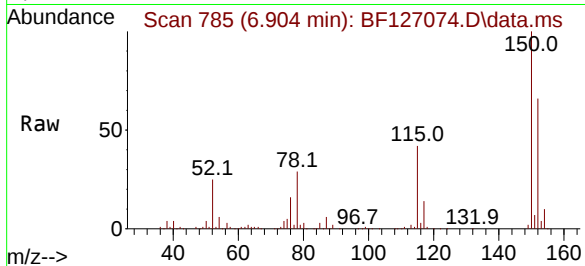




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

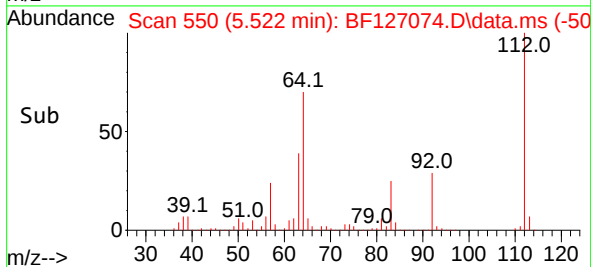
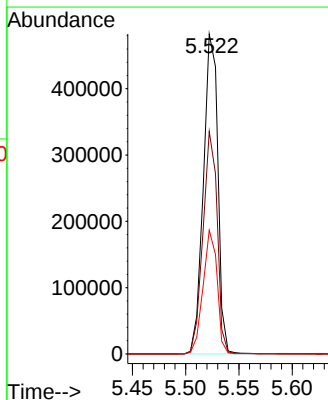
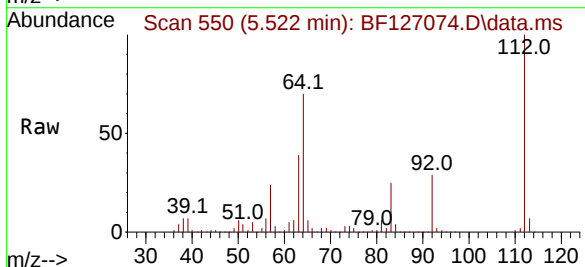
Instrument :
BNA_F
ClientSampleId :
UNK-MID

Tgt Ion:152 Resp: 74580
Ion Ratio Lower Upper
152 100
150 152.0 128.1 192.1
115 64.3 56.7 85.1



#5
2-Fluorophenol
Concen: 95.068 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

Tgt Ion:112 Resp: 458742
Ion Ratio Lower Upper
112 100
64 69.6 49.5 74.3
63 38.7 23.9 35.9#

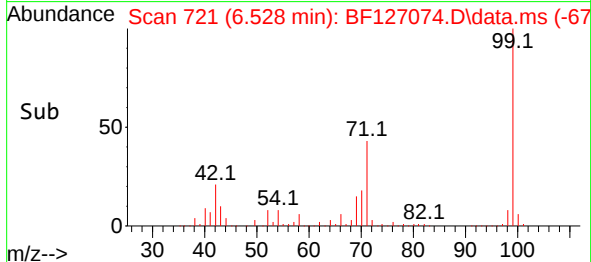
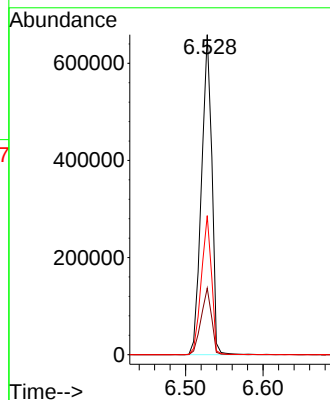
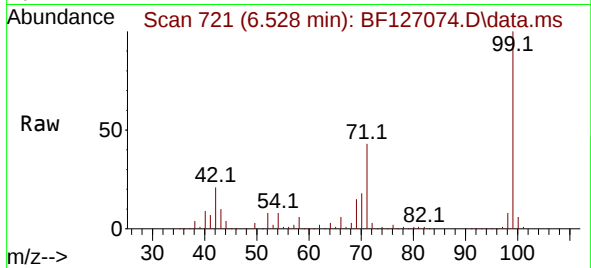




#7
Phenol-d6
Concen: 93.982 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

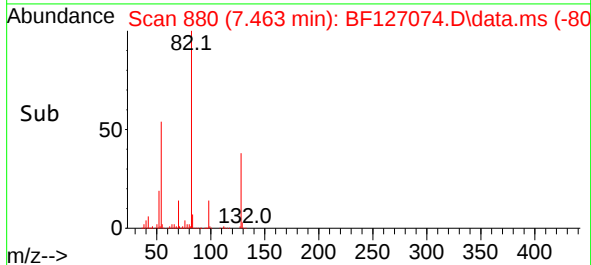
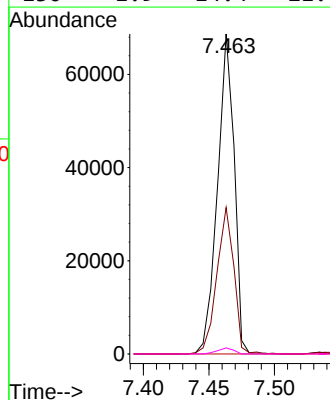
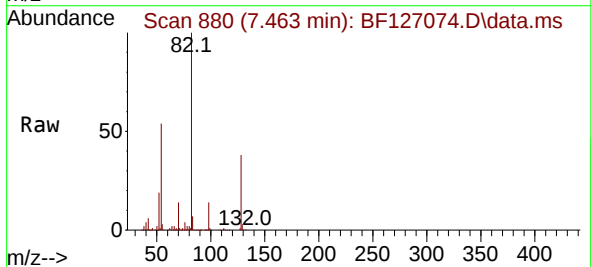
Instrument :
BNA_F
ClientSampleId :
UNK-MID

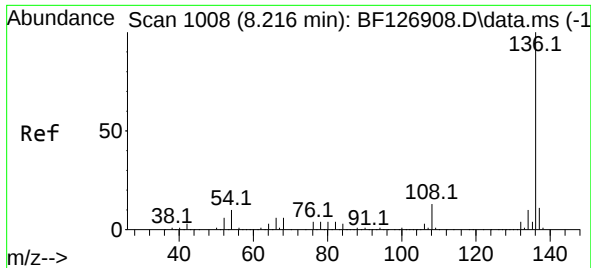
Tgt Ion: 99 Resp: 611933
Ion Ratio Lower Upper
99 100
42 20.8 14.2 21.4
71 43.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.485 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

Tgt Ion: 70 Resp: 60773
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

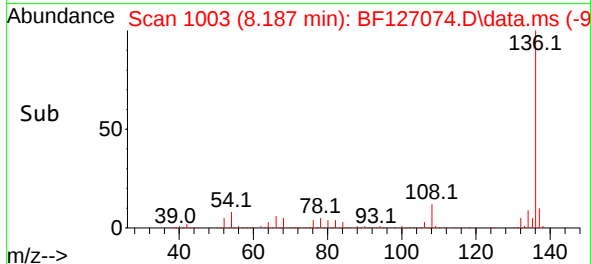
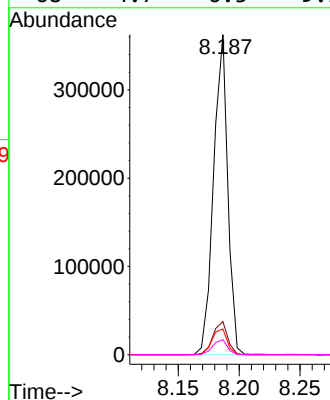
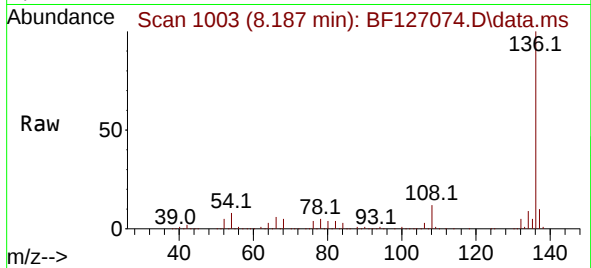




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

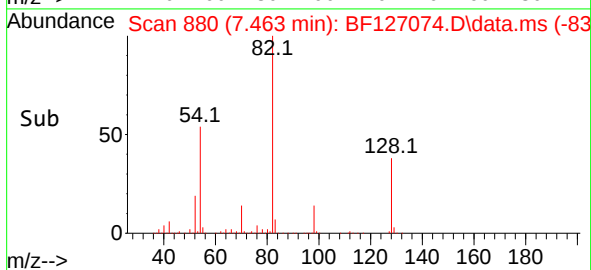
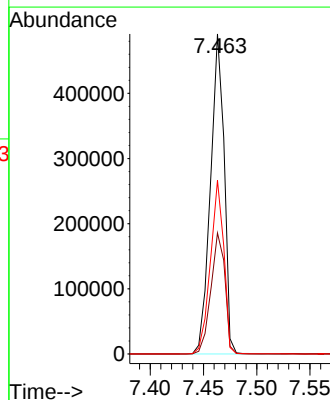
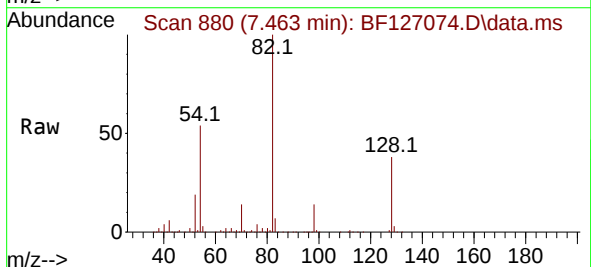
Instrument :
BNA_F
ClientSampleId :
UNK-MID

Tgt Ion:136 Resp: 294690
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.1 7.8 11.6
68 4.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 67.456 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

Tgt Ion: 82 Resp: 440400
Ion Ratio Lower Upper
82 100
128 37.8 32.7 49.1
54 54.3 41.7 62.5

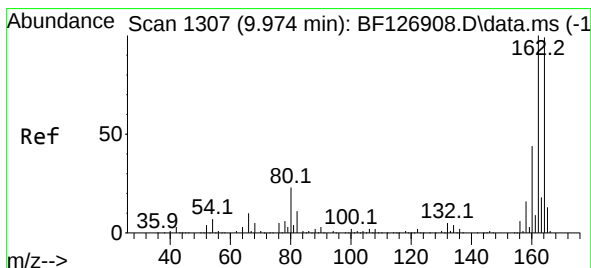
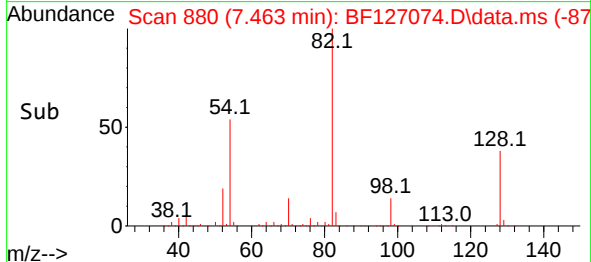
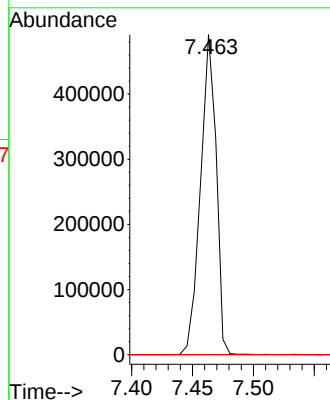
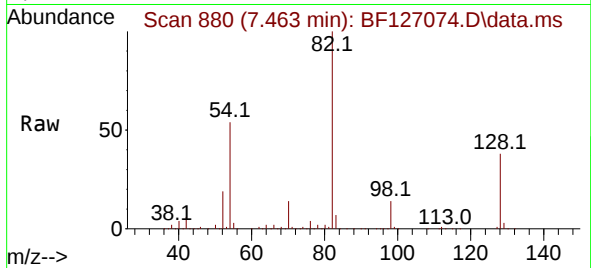




#25
Isophorone
Concen: 40.643 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

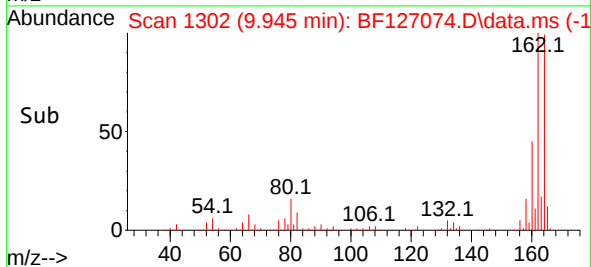
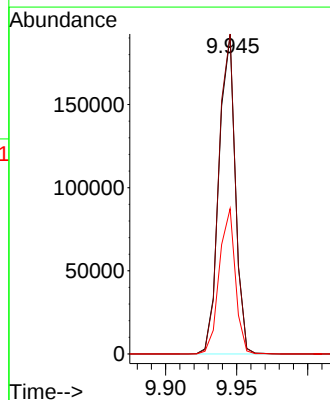
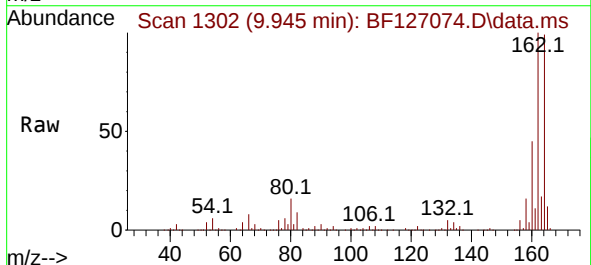
Instrument :
BNA_F
ClientSampleId :
UNK-MID

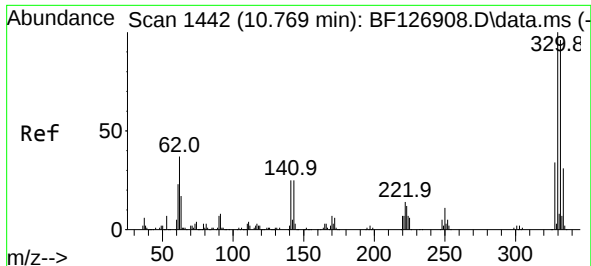
Tgt Ion: 82 Resp: 439079
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

Tgt Ion:164 Resp: 153435
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 102.596 ng

RT: 10.734 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127074.D

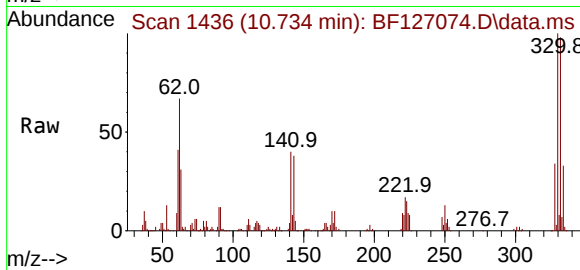
Acq: 25 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

UNK-MID



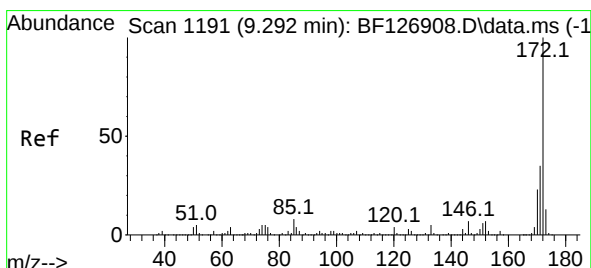
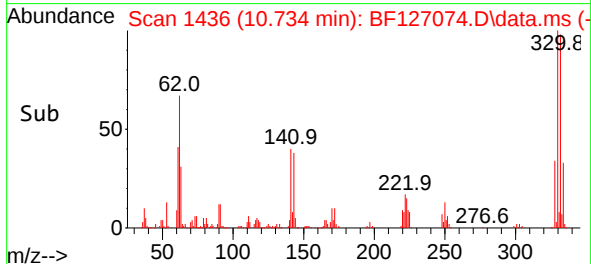
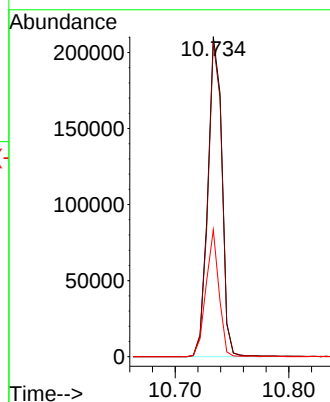
Tgt Ion:330 Resp: 181245

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 36.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 64.426 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

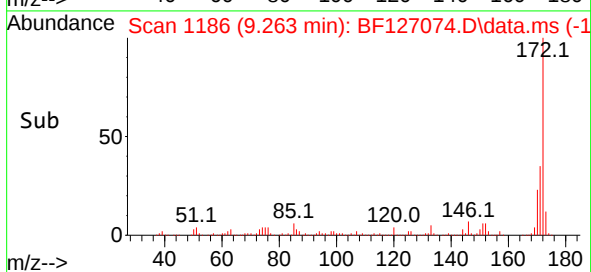
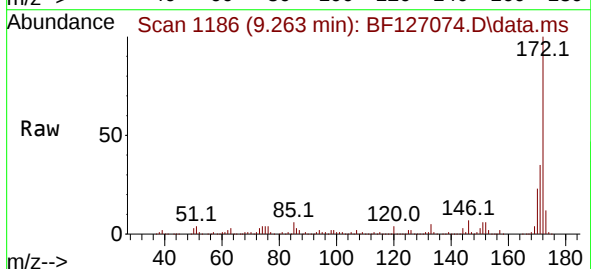
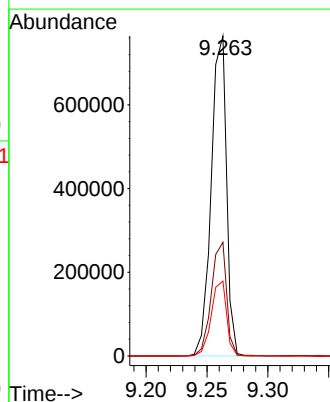
Tgt Ion:172 Resp: 671482

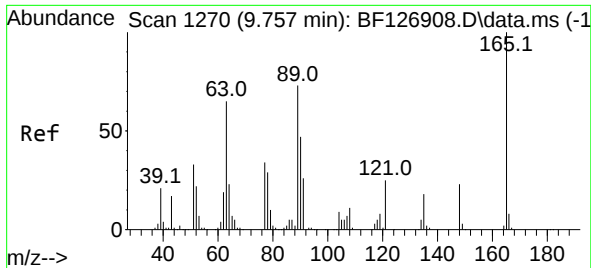
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

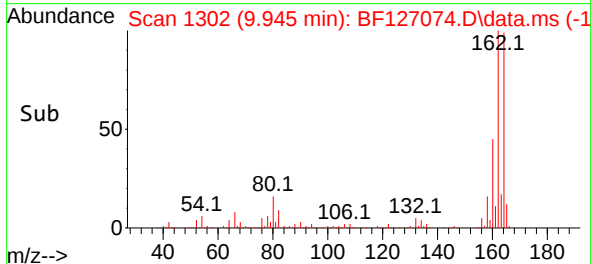
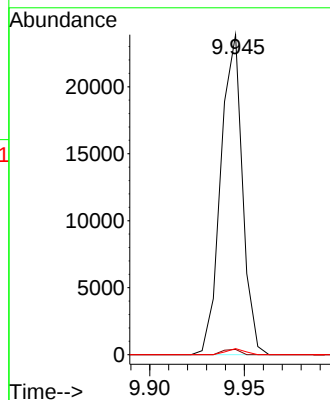
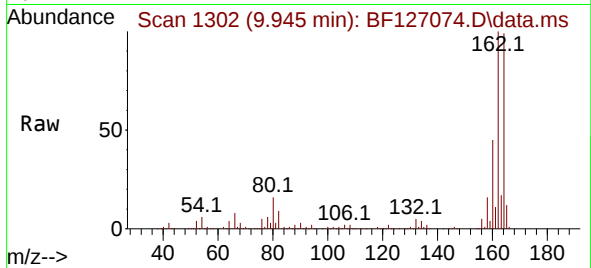




#51
2,6-Dinitrotoluene
Concen: 8.532 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.212 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

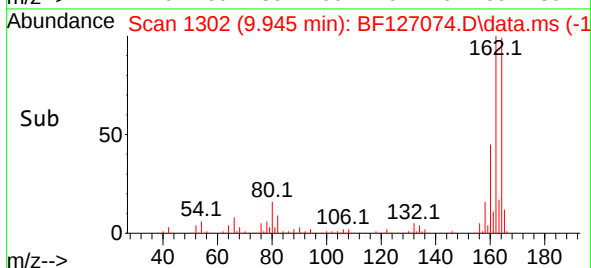
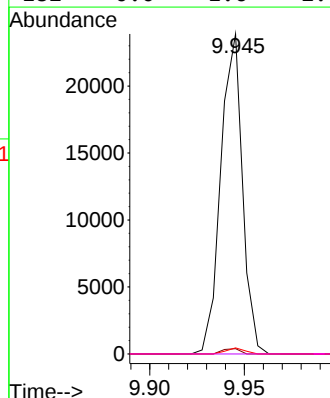
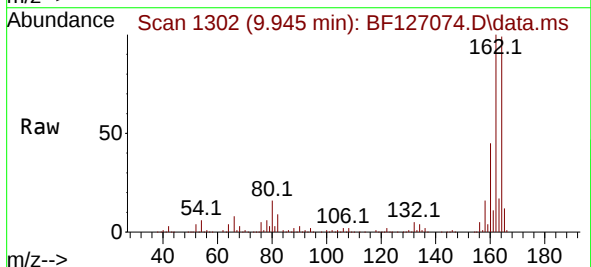
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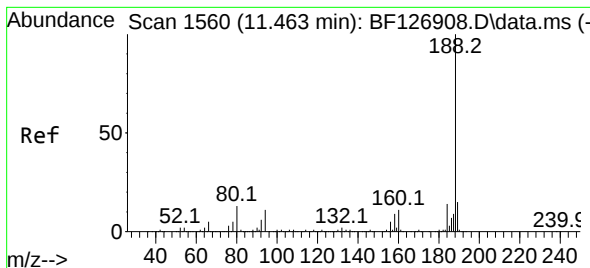
Tgt Ion:165 Resp: 19037
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127074.D
Acq: 25 Feb 2022 16:47

Tgt Ion:165 Resp: 19037
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: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

UNK-MID

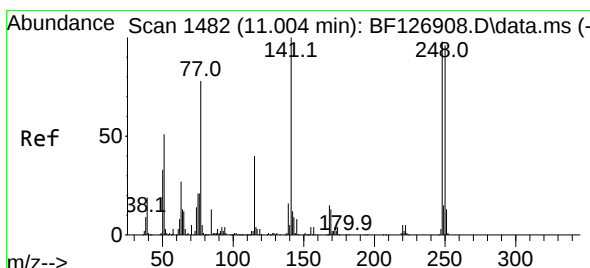
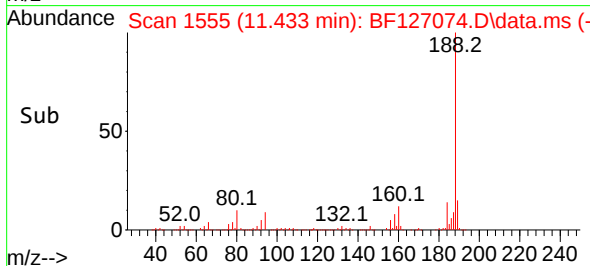
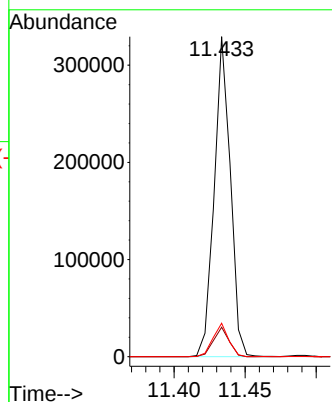
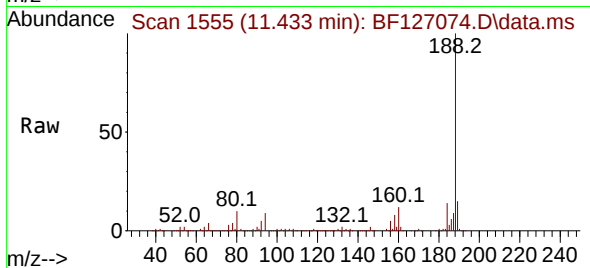
Tgt Ion:188 Resp: 260242

Ion Ratio Lower Upper

188 100

94 9.2 10.1 15.1#

80 10.5 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.878 ng

RT: 10.734 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

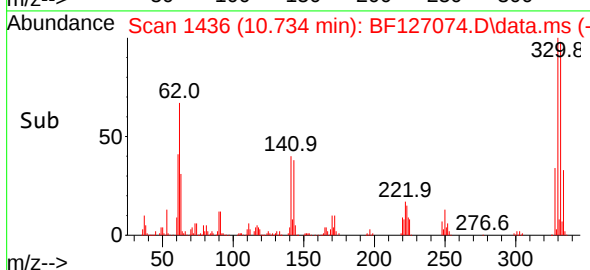
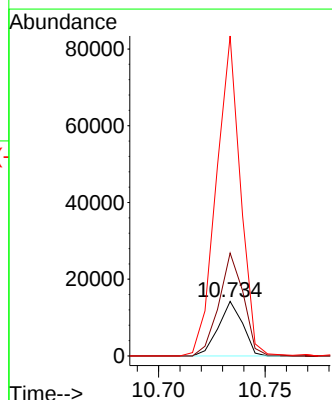
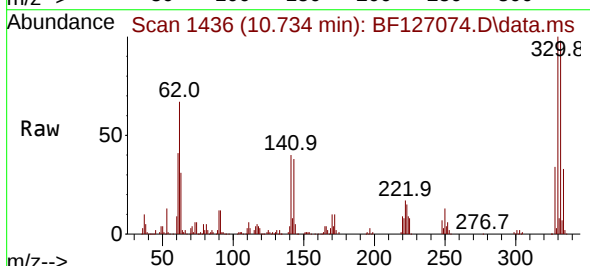
Tgt Ion:248 Resp: 11276

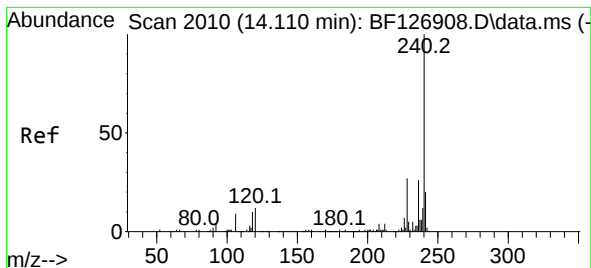
Ion Ratio Lower Upper

248 100

250 188.8 76.2 114.4#

141 587.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

Instrument :

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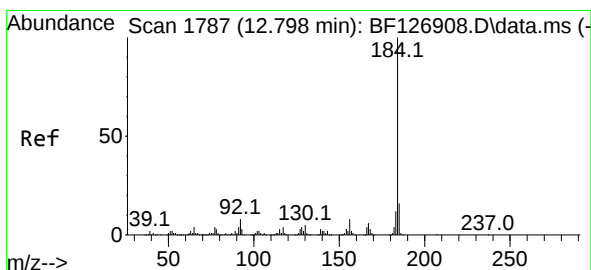
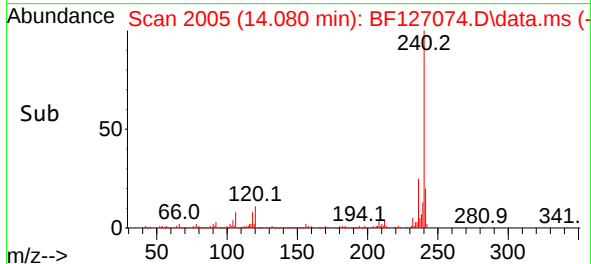
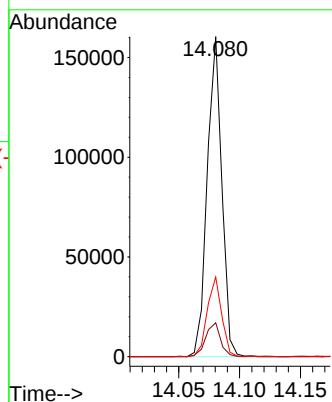
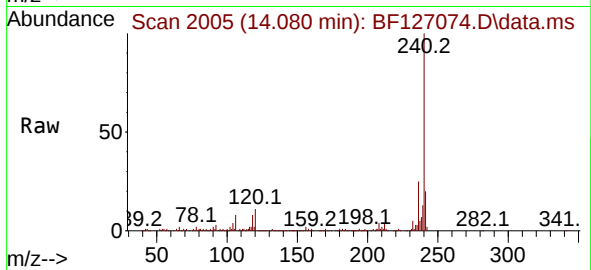
Tgt Ion:240 Resp: 133927

Ion Ratio Lower Upper

240 100

120 10.6 14.4 21.6#

236 24.9 20.5 30.7



#77

Benzidine

Concen: 2.643 ng

RT: 13.022 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

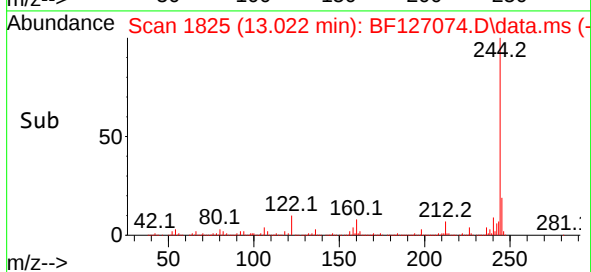
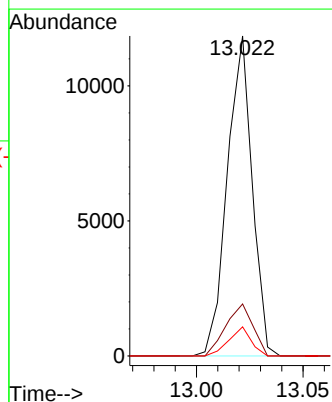
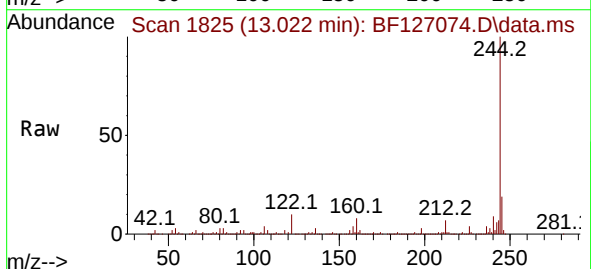
Tgt Ion:184 Resp: 9620

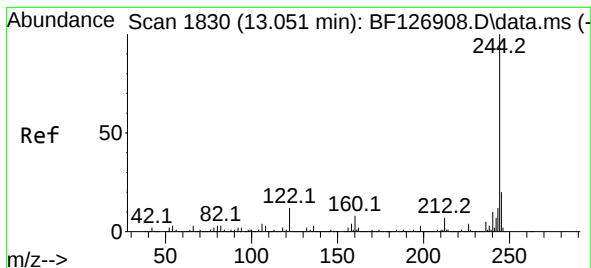
Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

183 9.1 8.2 12.2





#79

Terphenyl-d14

Concen: 68.473 ng

RT: 13.022 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

UNK-MID

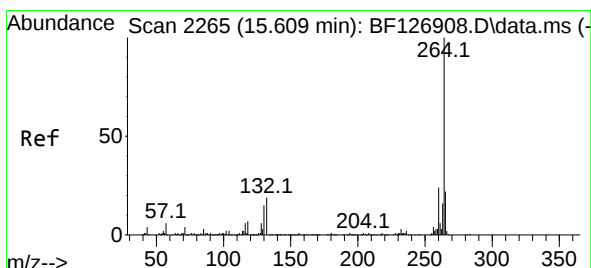
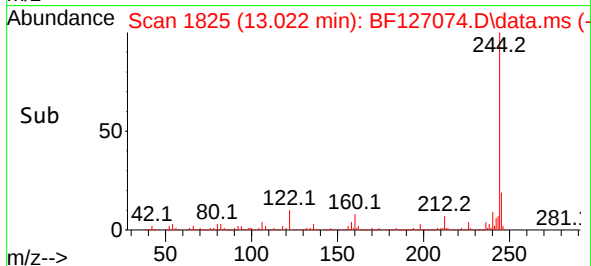
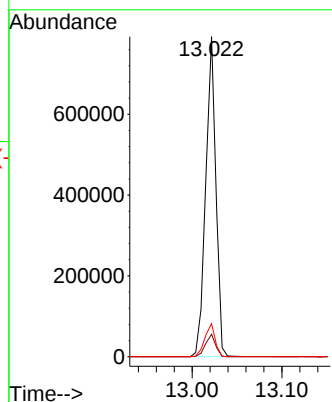
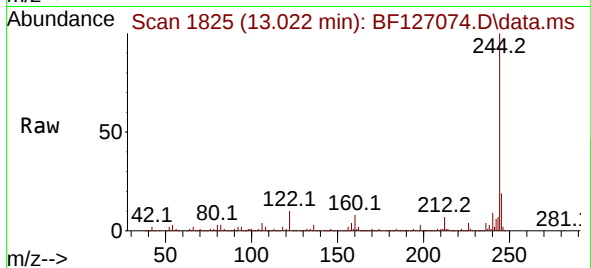
Tgt Ion:244 Resp: 623817

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 10.3 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF127074.D

Acq: 25 Feb 2022 16:47

Tgt Ion:264 Resp: 137098

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.2 17.4 26.2

