

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130065.D
 Acq On : 31 Aug 2022 22:46
 Operator : CG\JU
 Sample : PB147324BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147324BL

Quant Time: Sep 01 03:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

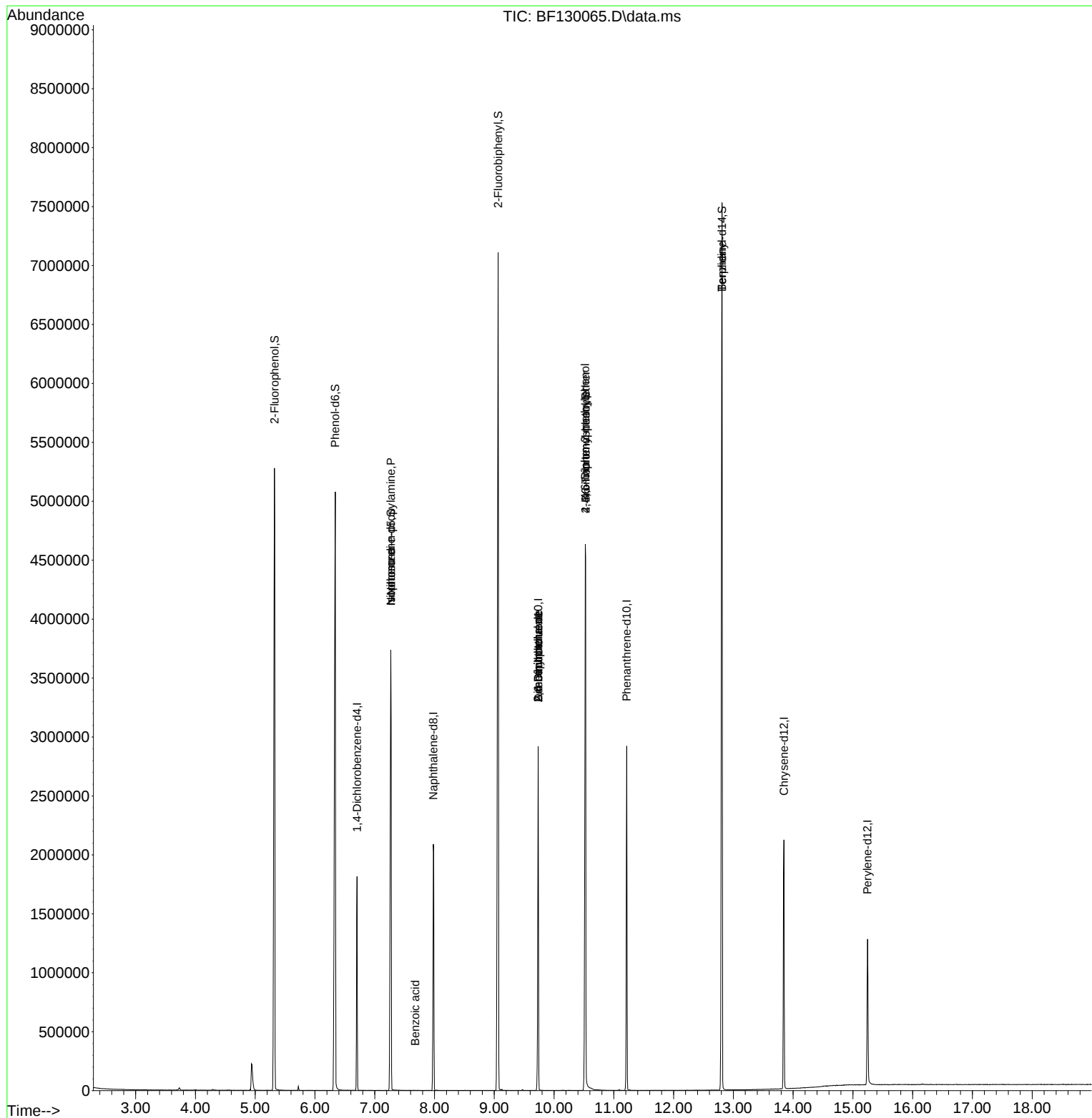
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	266541	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1094358	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	585408	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	991684	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	683131	20.000	ng	-0.01
86) Perylene-d12	15.245	264	517255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	2050777	130.618	ng	0.01
7) Phenol-d6	6.340	99	2528682	129.185	ng	0.00
23) Nitrobenzene-d5	7.269	82	1594677	93.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	757765	142.201	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2852861	80.797	ng	0.00
79) Terphenyl-d14	12.810	244	3088884	78.411	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	207564	17.602	ng	# 73
25) Isophorone	7.269	82	1590393	46.144	ng	# 65
32) Benzoic acid	7.675	122	175	6.585	ng	# 32
50) Dimethylphthalate	9.734	163	109173	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	75763	9.746	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	75763	8.465	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1487	6.358	ng	# 1
67) 4-Bromophenyl-phenylether	10.528	248	44175	4.005	ng	# 1
77) Benzidine	12.810	184	42361	2.297	ng	# 94

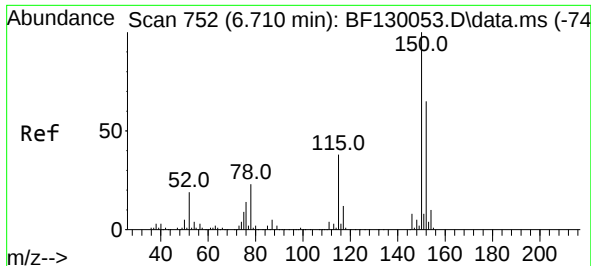
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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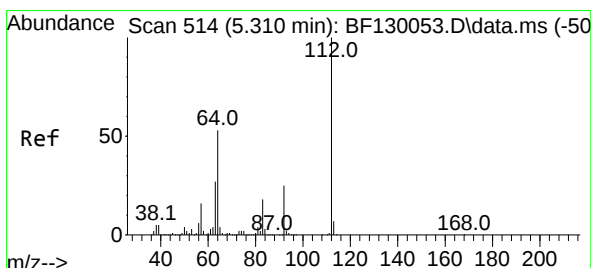
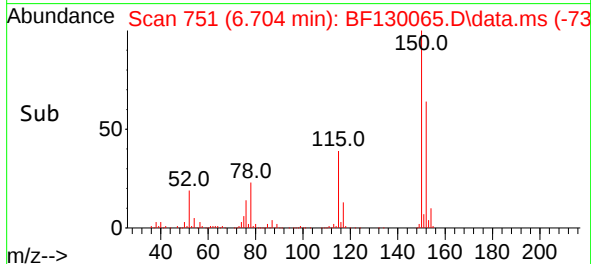
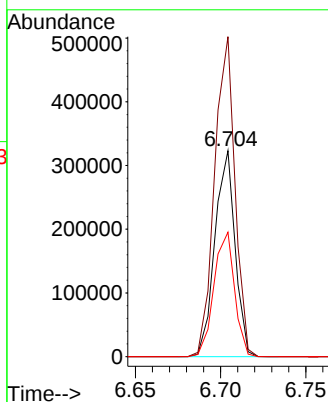
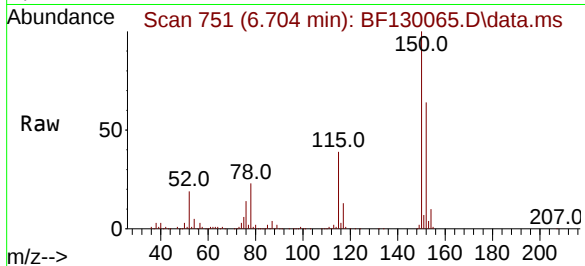




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130065.D
 Acq: 31 Aug 2022 22:46

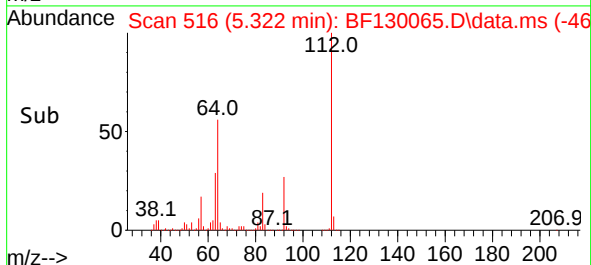
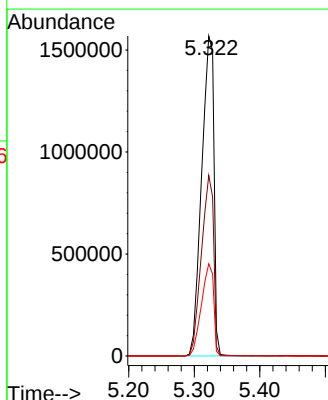
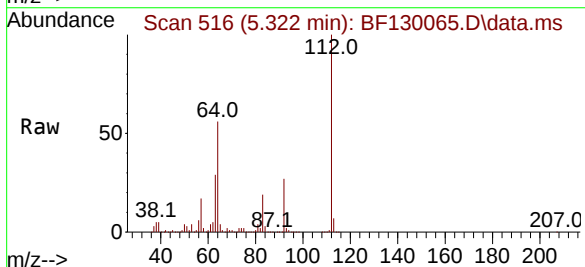
Instrument :
 BNA_F
 ClientSampleId :
 PB147324BL

Tgt Ion:152 Resp: 266541
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.9 190.3
 115 60.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 130.618 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130065.D
 Acq: 31 Aug 2022 22:46

Tgt Ion:112 Resp: 2050777
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.6 71.4
 63 28.8 24.6 37.0

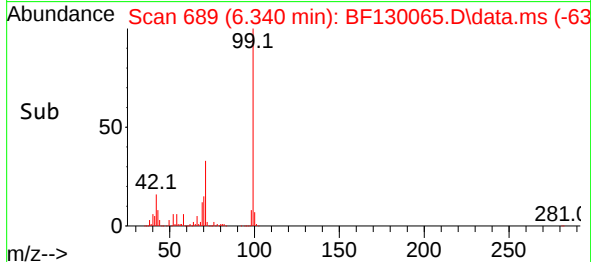
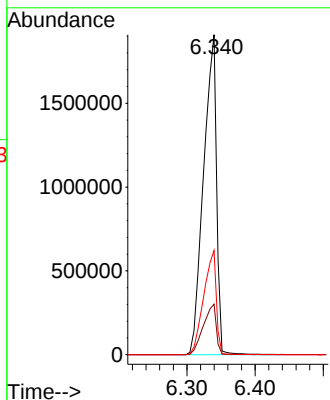
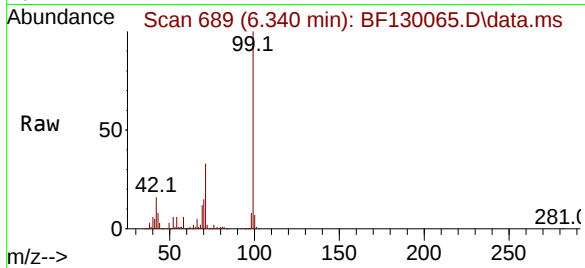




#7
Phenol-d6
Concen: 129.185 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

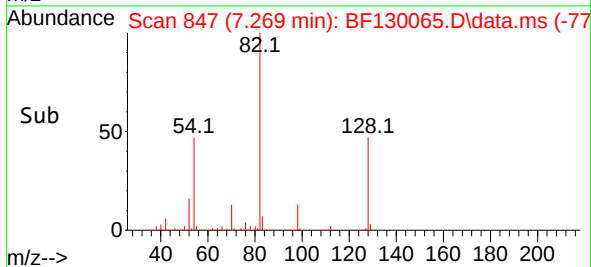
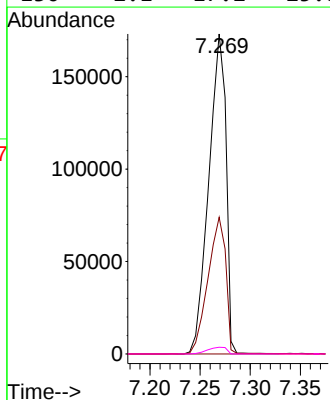
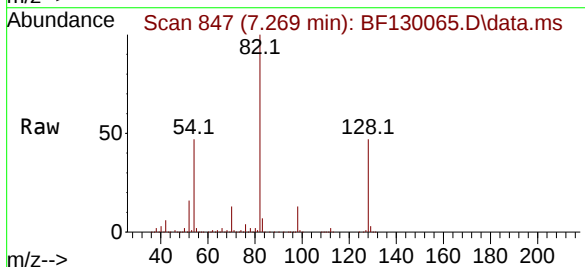
Instrument :
BNA_F
ClientSampleId :
PB147324BL

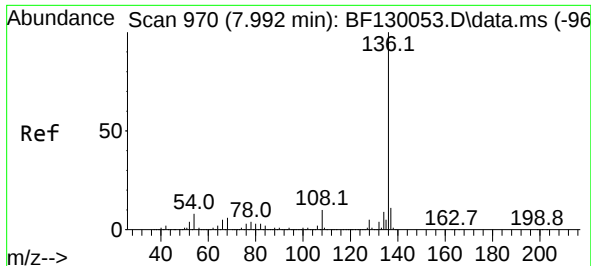
Tgt Ion: 99 Resp: 2528682
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 32.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.602 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.130 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Tgt Ion: 70 Resp: 207564
Ion Ratio Lower Upper
70 100
42 42.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

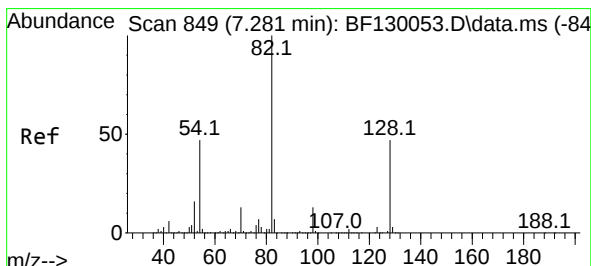
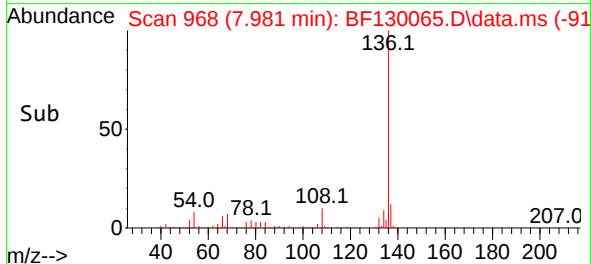
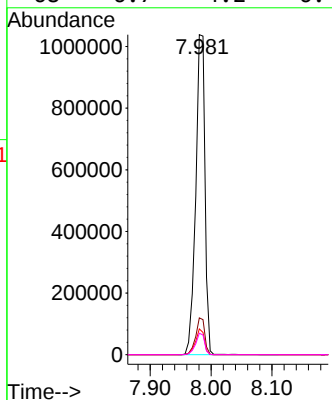
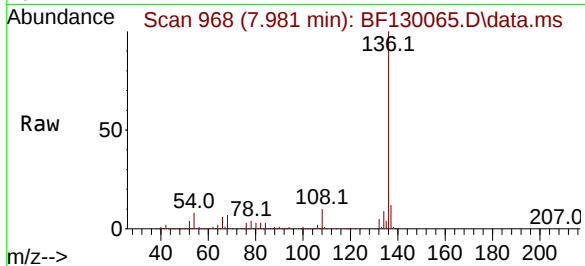




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

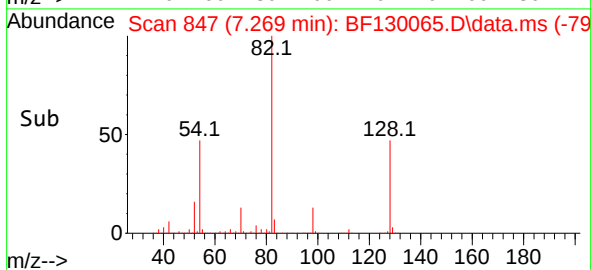
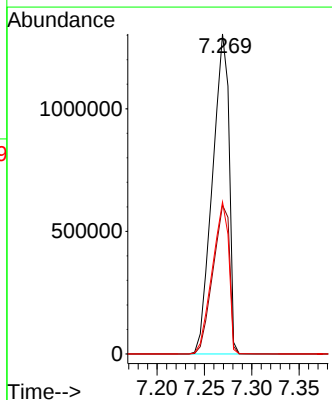
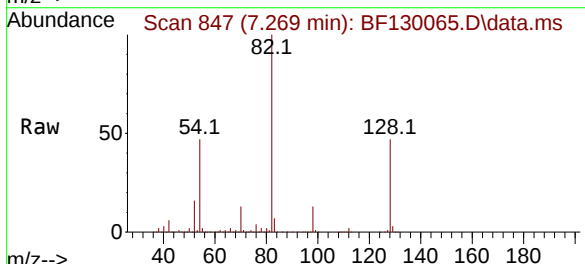
Instrument :
BNA_F
ClientSampleId :
PB147324BL

Tgt Ion:136 Resp: 1094358
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.1 6.2 9.2
68 6.7 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 93.647 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Tgt Ion: 82 Resp: 1594677
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 47.5 40.0 60.0

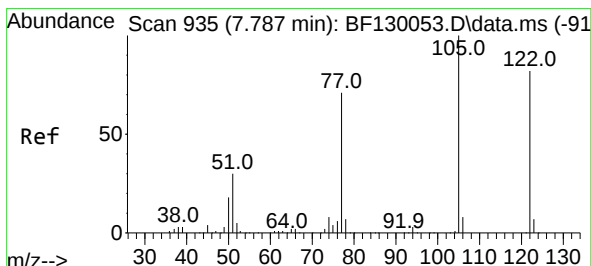
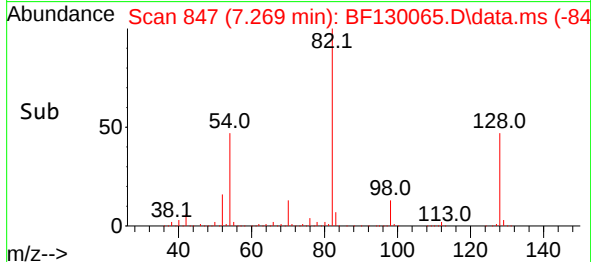
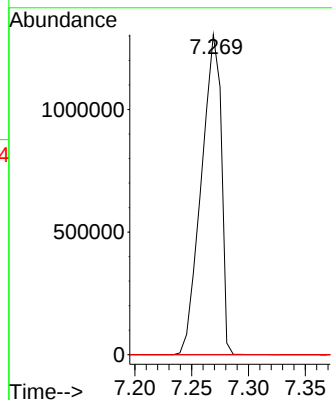
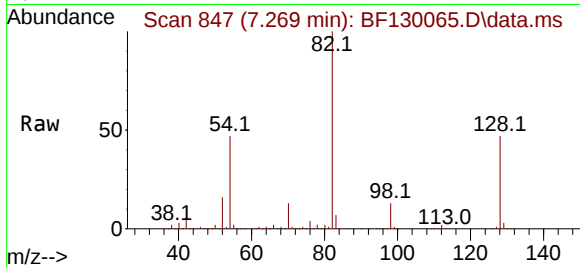




#25
Isophorone
Concen: 46.144 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

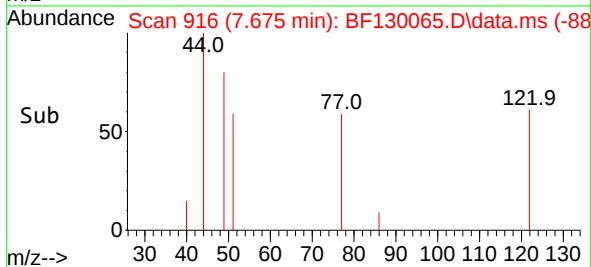
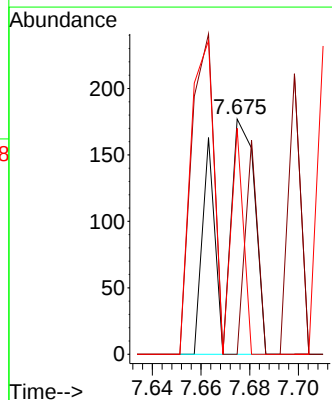
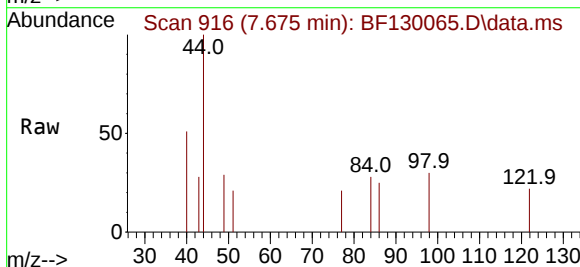
Instrument :
BNA_F
ClientSampleId :
PB147324BL

Tgt Ion: 82 Resp: 1590393
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.585 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.112 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Tgt Ion: 122 Resp: 175
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 96.0 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.734 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF130065.D

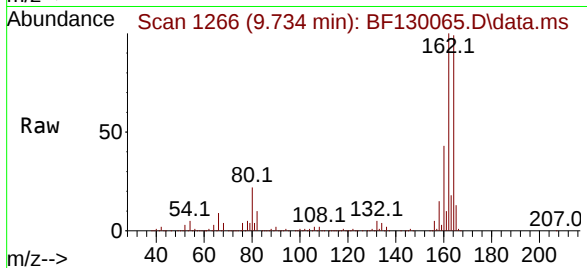
Acq: 31 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

PB147324BL



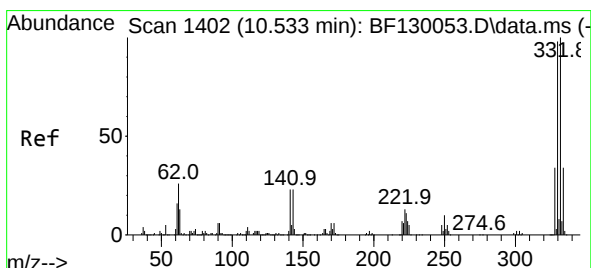
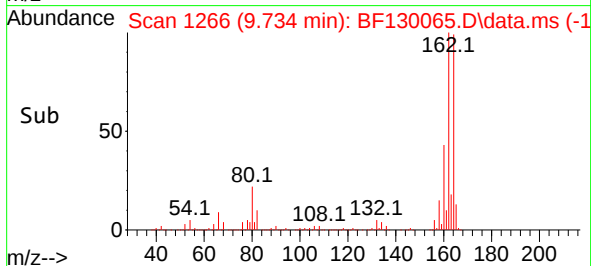
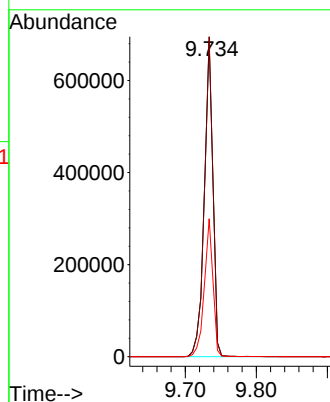
Tgt Ion:164 Resp: 585408

Ion Ratio Lower Upper

164 100

162 101.3 82.0 123.0

160 43.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 142.201 ng

RT: 10.528 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130065.D

Acq: 31 Aug 2022 22:46

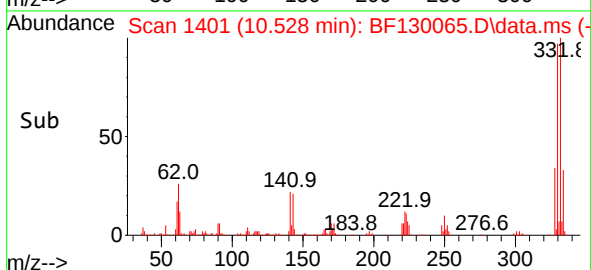
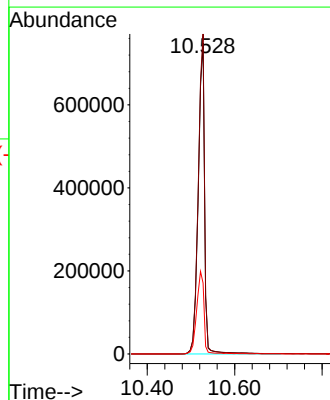
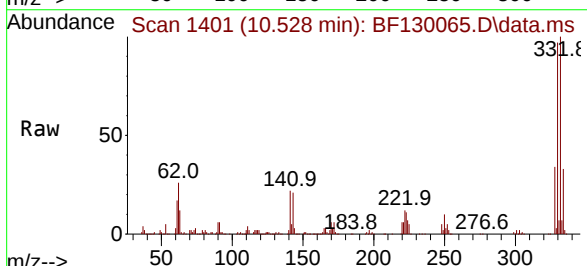
Tgt Ion:330 Resp: 757765

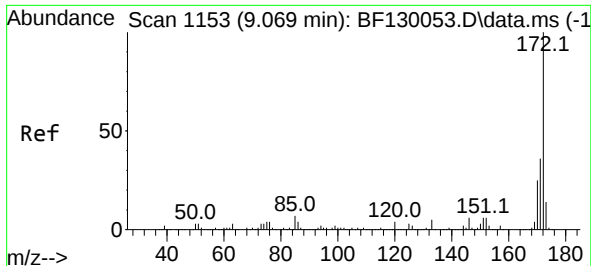
Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 30.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 80.797 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130065.D

Acq: 31 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

PB147324BL

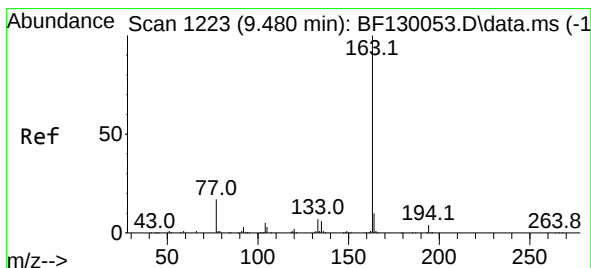
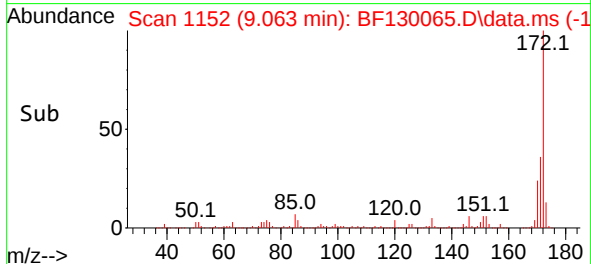
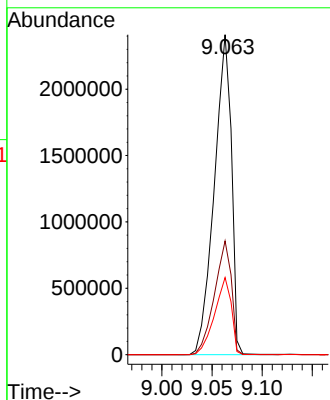
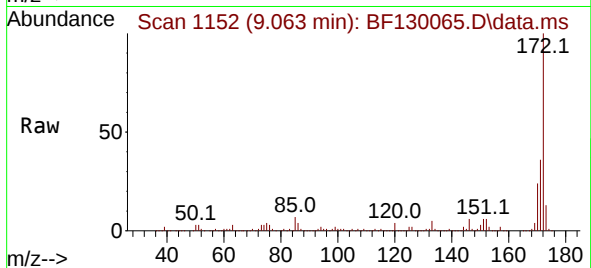
Tgt Ion:172 Resp: 2852861

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.738 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130065.D

Acq: 31 Aug 2022 22:46

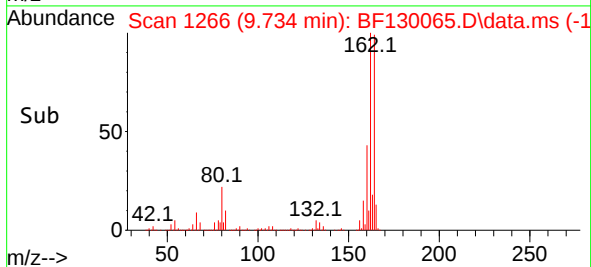
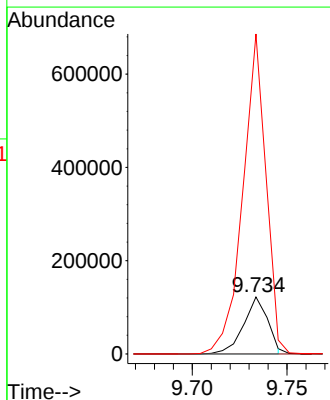
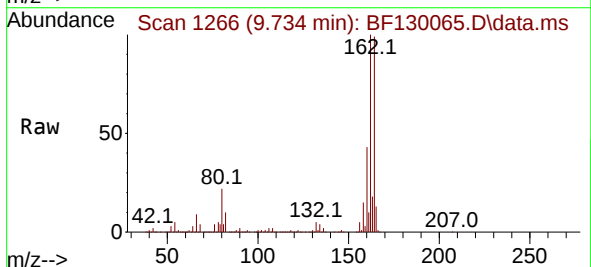
Tgt Ion:163 Resp: 109173

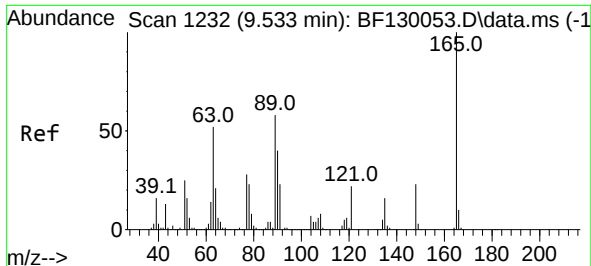
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 561.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.746 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130065.D

Acq: 31 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

PB147324BL

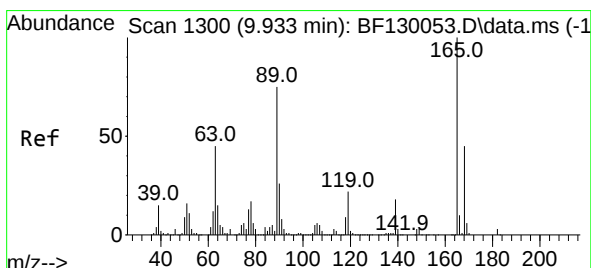
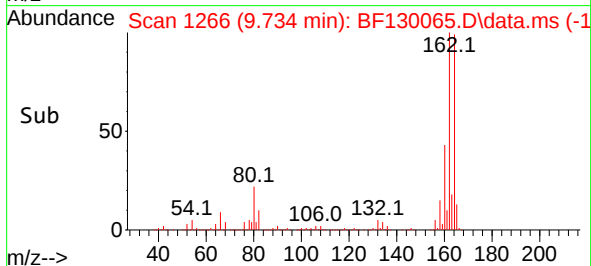
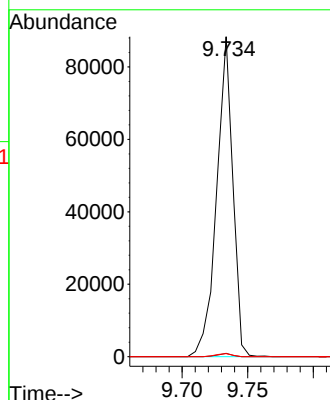
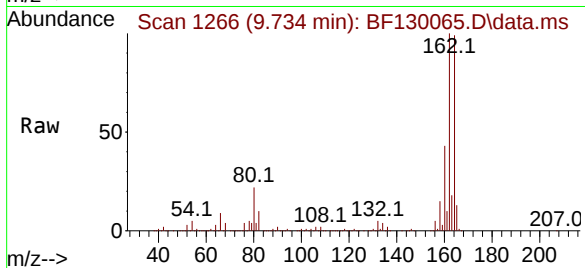
Tgt Ion:165 Resp: 75763

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 0.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.465 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130065.D

Acq: 31 Aug 2022 22:46

Tgt Ion:165 Resp: 75763

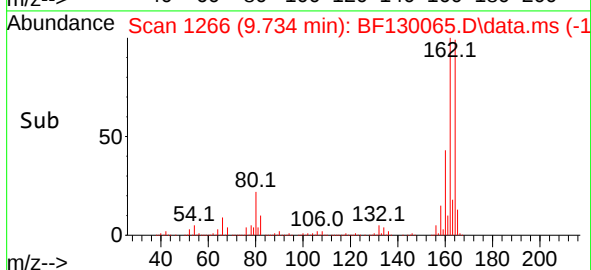
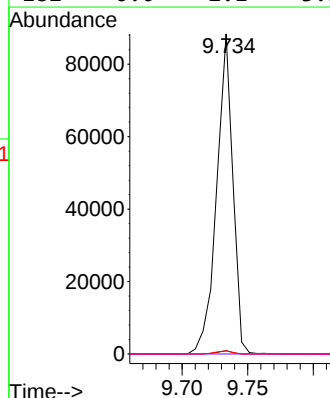
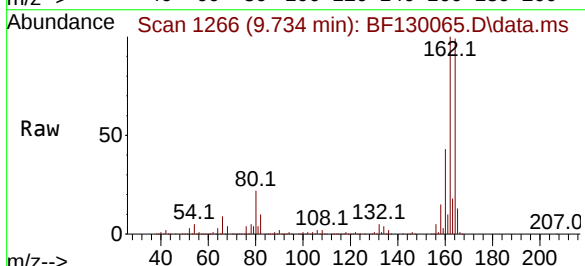
Ion Ratio Lower Upper

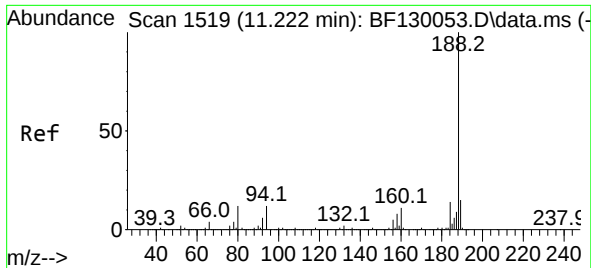
165 100

63 1.0 48.4 72.6#

89 0.9 62.3 93.5#

182 0.0 2.1 3.1#

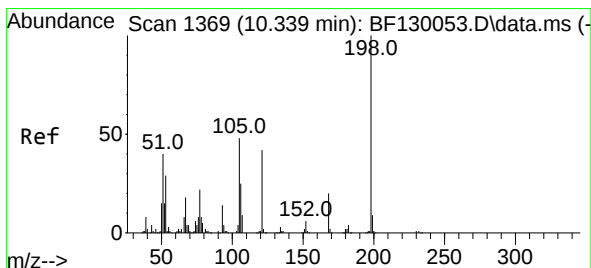
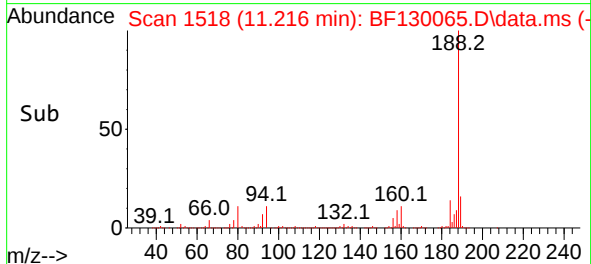
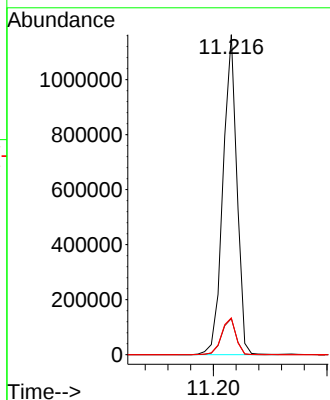
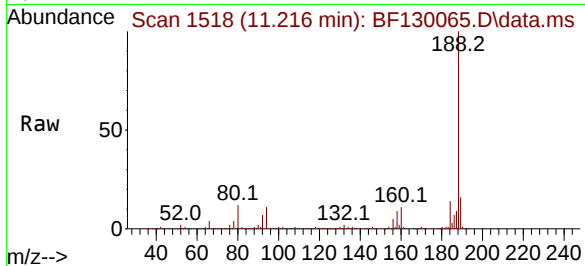




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

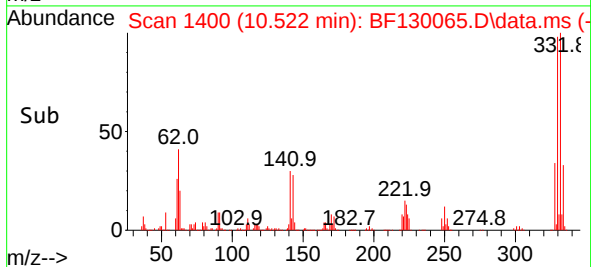
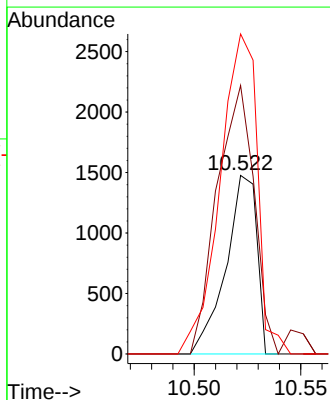
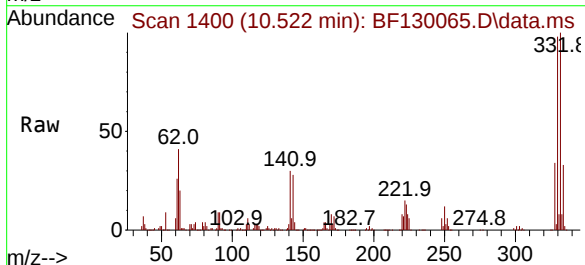
Instrument :
BNA_F
ClientSampleId :
PB147324BL

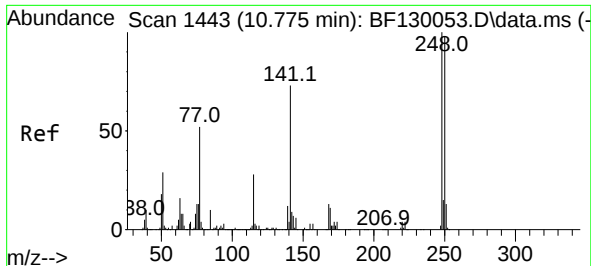
Tgt Ion:188 Resp: 991684
Ion Ratio Lower Upper
188 100
94 11.3 7.4 11.2#
80 11.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.358 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

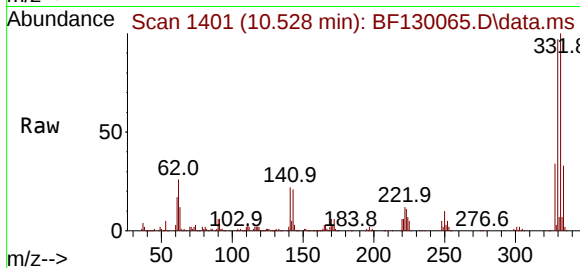
Tgt Ion:198 Resp: 1487
Ion Ratio Lower Upper
198 100
51 150.3 29.4 69.4#
105 179.1 29.2 69.2#



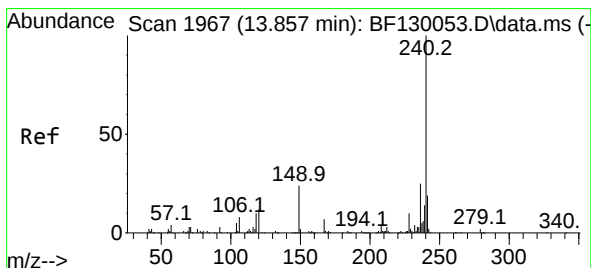
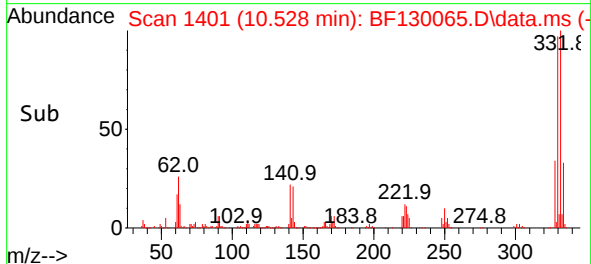
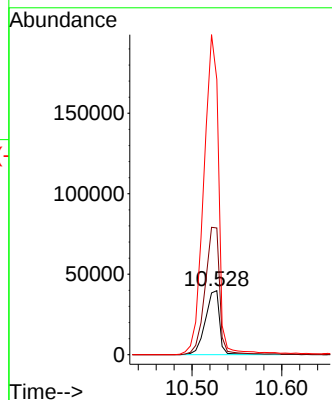


#67
4-Bromophenyl-phenylether
Concen: 4.005 ng
RT: 10.528 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Instrument :
BNA_F
ClientSampleId :
PB147324BL

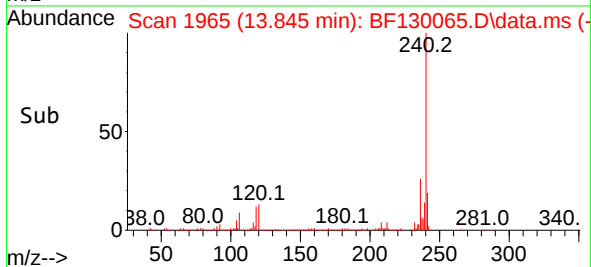
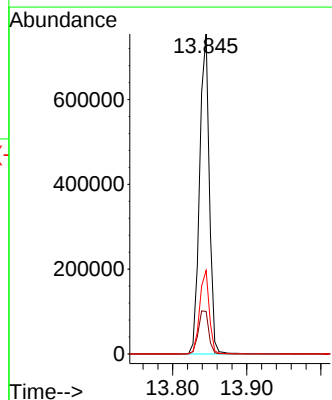
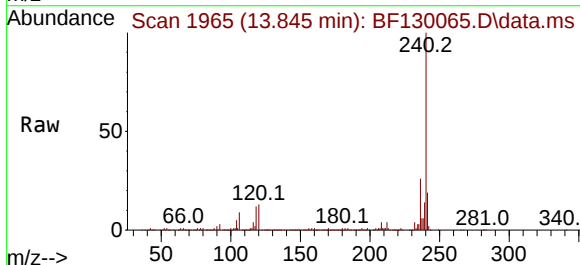


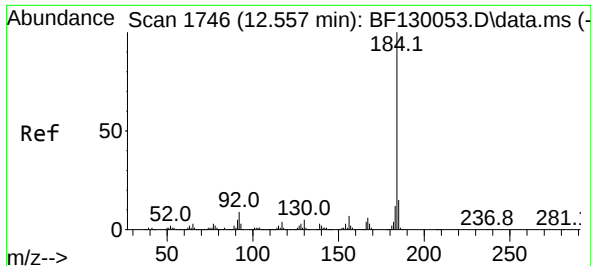
Tgt Ion:248 Resp: 44175
Ion Ratio Lower Upper
248 100
250 197.9 77.8 116.6#
141 429.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Tgt Ion:240 Resp: 683131
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 26.1 20.7 31.1

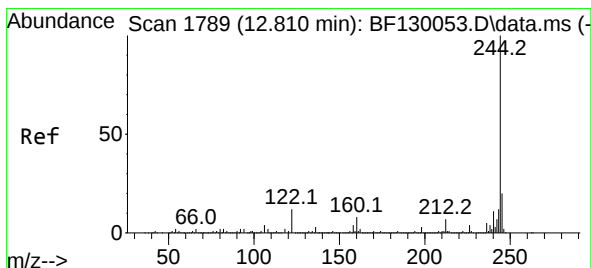
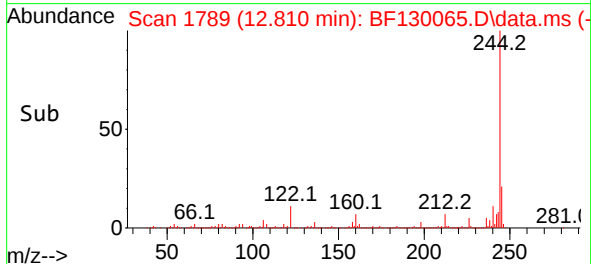
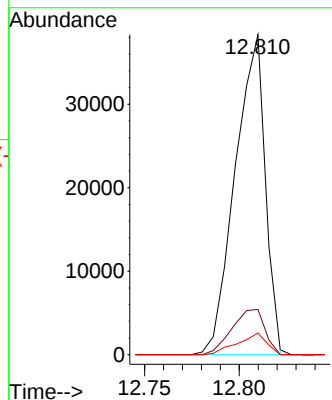
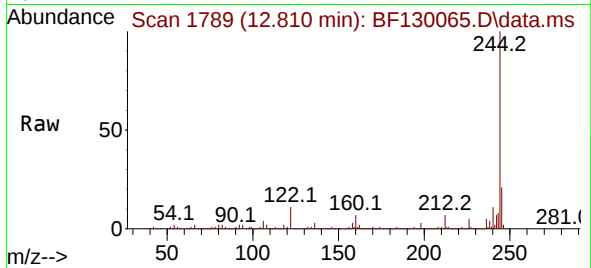




#77
Benzidine
Concen: 2.297 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

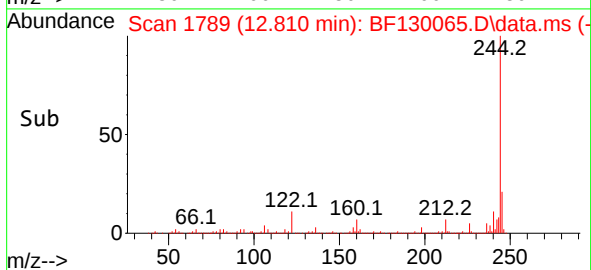
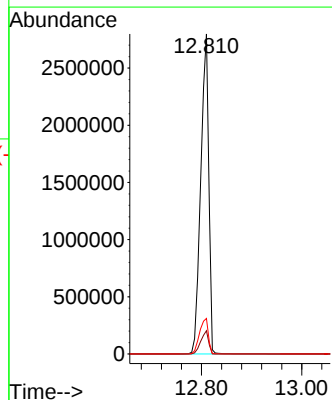
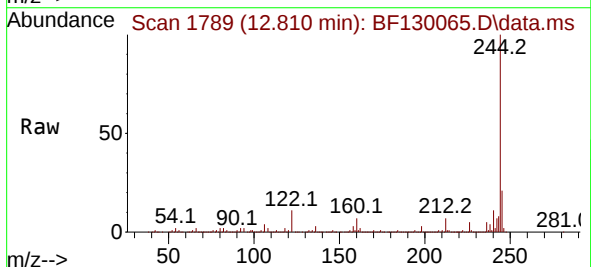
Instrument :
BNA_F
ClientSampleId :
PB147324BL

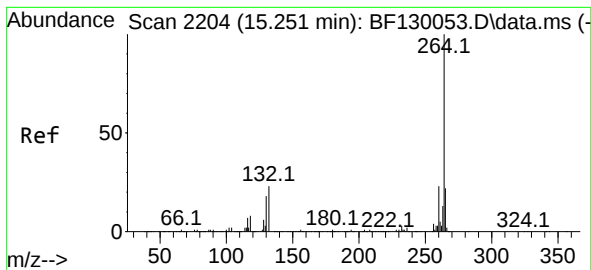
Tgt Ion:184 Resp: 42361
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 78.411 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130065.D
Acq: 31 Aug 2022 22:46

Tgt Ion:244 Resp: 3088884
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.1 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130065.D

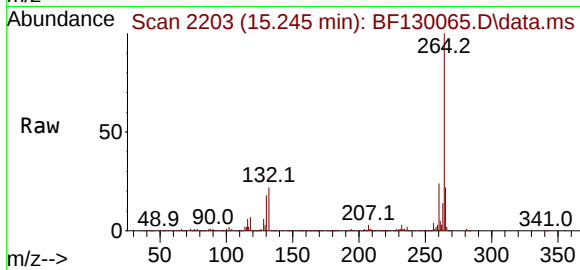
Acq: 31 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

PB147324BL



Tgt Ion:264 Resp: 517255

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.8 16.7 25.1

