

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132561.D
 Acq On : 27 Feb 2023 19:47
 Operator : CG\JU
 Sample : 01703-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON4

Quant Time: Feb 28 03:18:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

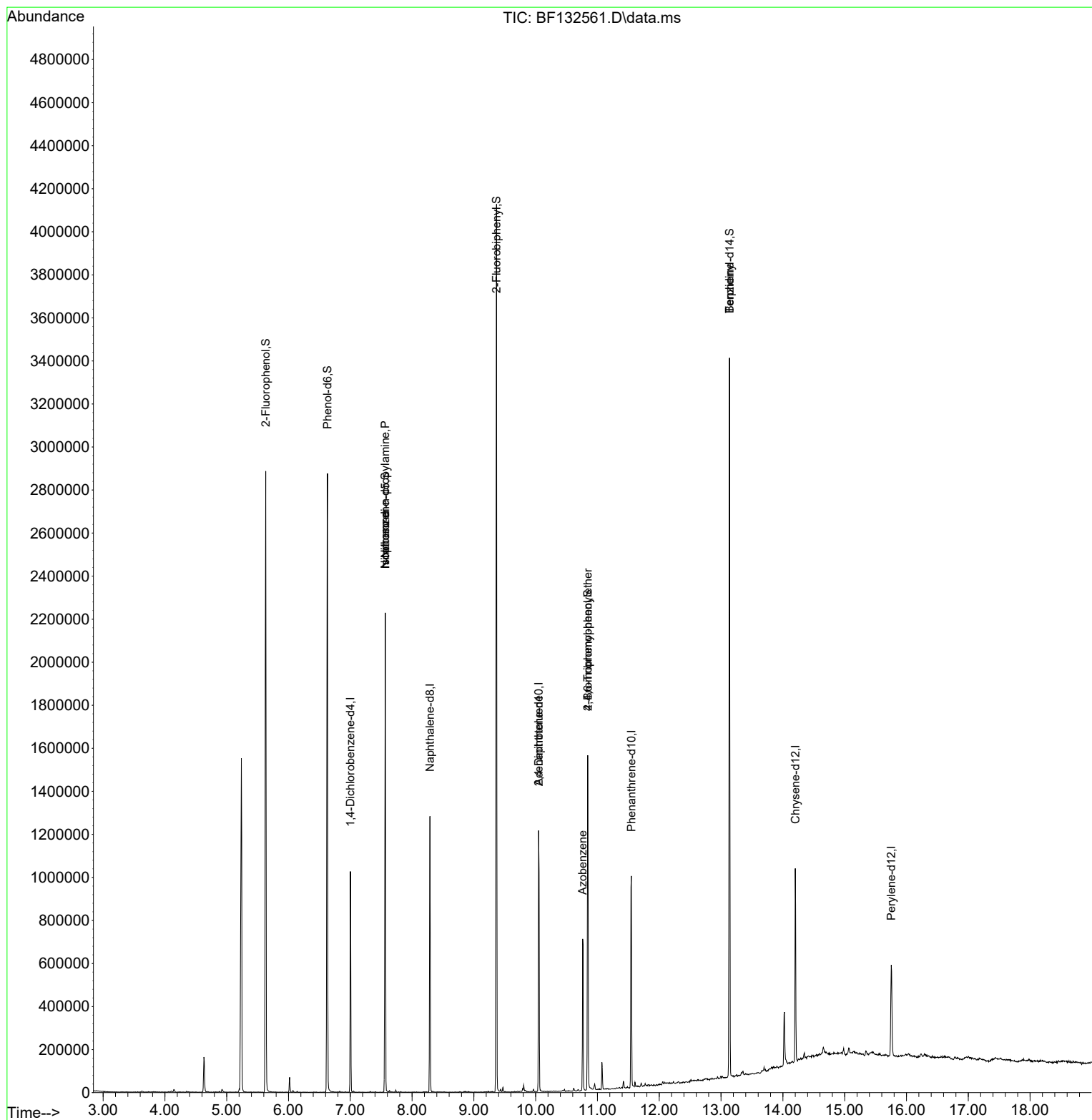
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	137696	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	487944	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	237513	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	384617	20.000	ng	# 0.00
76) Chrysene-d12	14.201	240	302871	20.000	ng	0.00
86) Perylene-d12	15.754	264	215046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	735962	86.745	ng	0.00
7) Phenol-d6	6.631	99	971977	87.782	ng	0.00
23) Nitrobenzene-d5	7.566	82	648341	63.040	ng	0.00
42) 2,4,6-Tribromophenol	10.842	330	168945	65.864	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1120980	71.864	ng	0.00
79) Terphenyl-d14	13.136	244	1121256	62.593	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.566	70	86203	12.650	ng	# 79
25) Isophorone	7.566	82	648325	32.880	ng	# 67
57) 2,4-Dinitrotoluene	10.048	165	30537	5.828	ng	# 21
63) Azobenzene	10.760	77	133196	7.446	ng	# 1
67) 4-Bromophenyl-phenylether	10.842	248	10946	2.516	ng	# 1
77) Benzidine	13.136	184	15478	2.099	ng	# 93

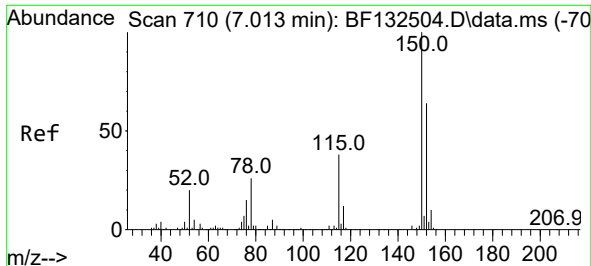
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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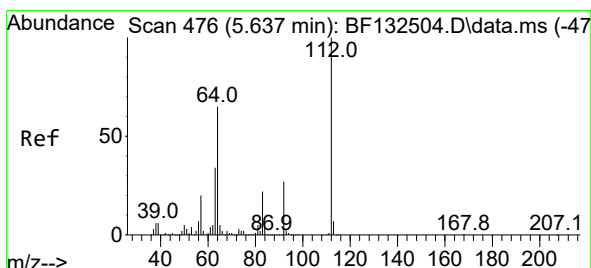
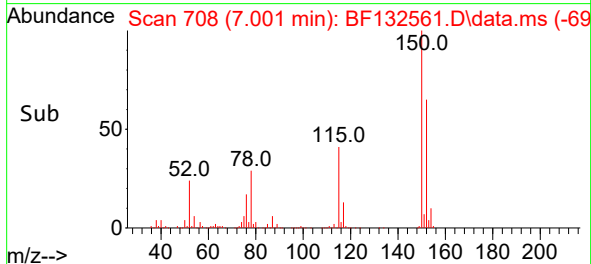
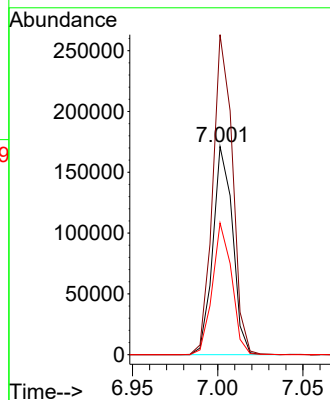
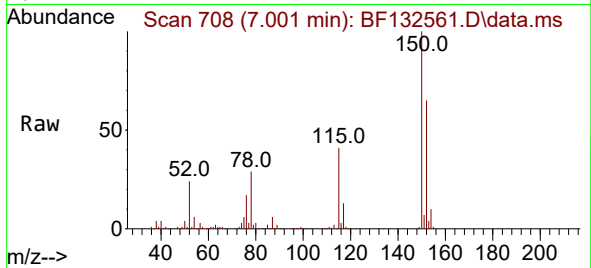




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

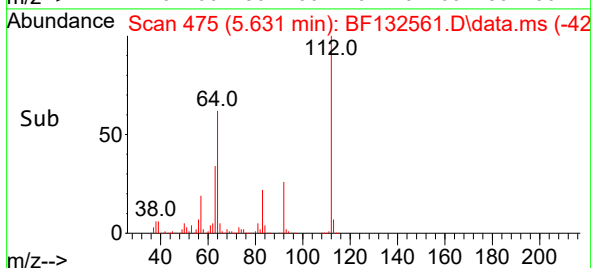
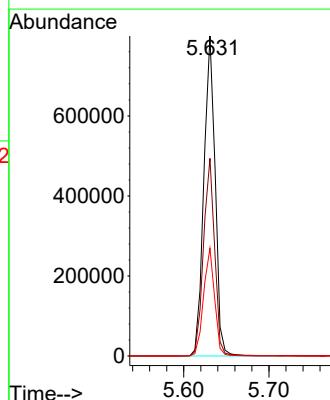
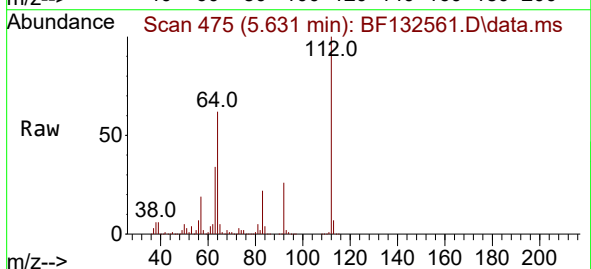
Instrument :
BNA_F
ClientSampleId :
KU-CON4

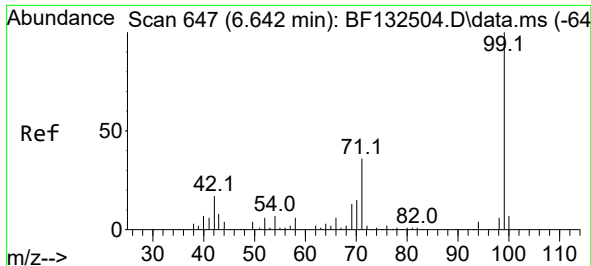
Tgt Ion:152 Resp: 137696
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.2
115 63.2 47.8 71.6



#5
2-Fluorophenol
Concen: 86.745 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

Tgt Ion:112 Resp: 735962
Ion Ratio Lower Upper
112 100
64 61.7 51.6 77.4
63 33.6 27.4 41.2

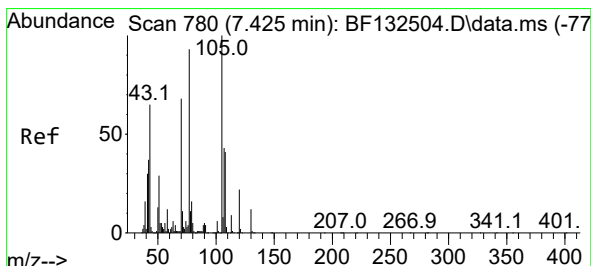
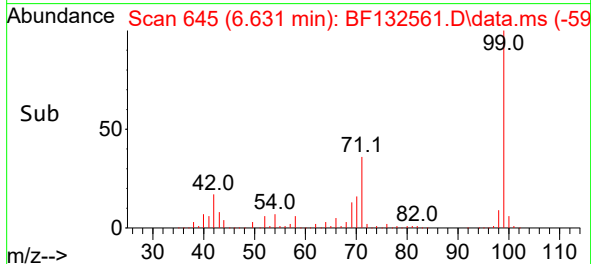
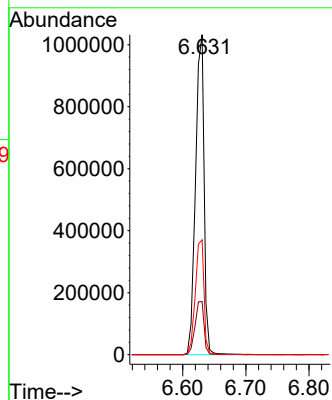
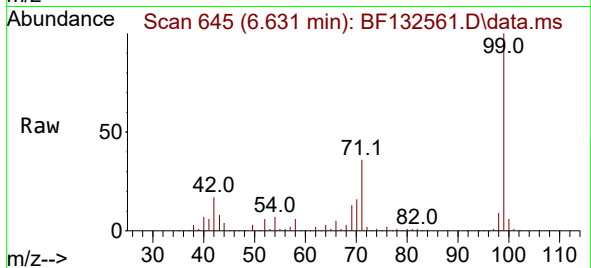




#7
Phenol-d6
Concen: 87.782 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

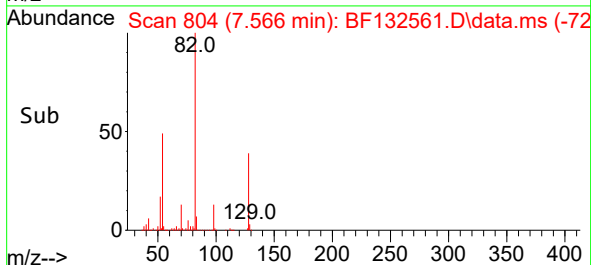
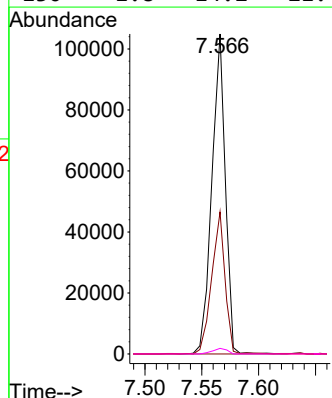
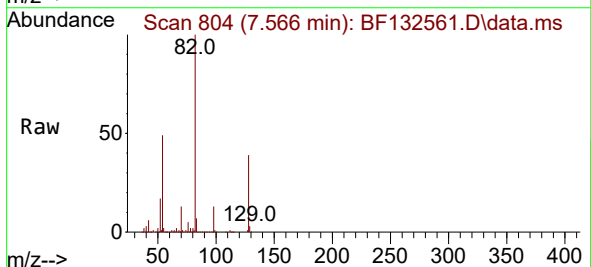
Instrument :
BNA_F
ClientSampleId :
KU-CON4

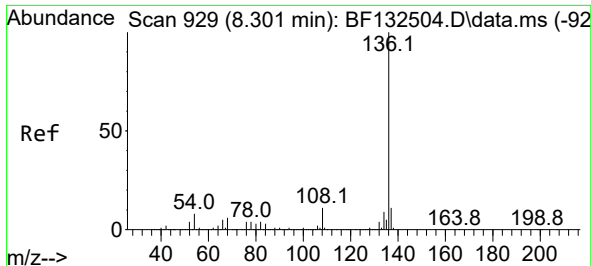
Tgt Ion: 99 Resp: 971977
Ion Ratio Lower Upper
99 100
42 16.6 13.9 20.9
71 35.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.650 ng
RT: 7.566 min Scan# 804
Delta R.T. 0.147 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

Tgt Ion: 70 Resp: 86203
Ion Ratio Lower Upper
70 100
42 44.4 44.1 66.1
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

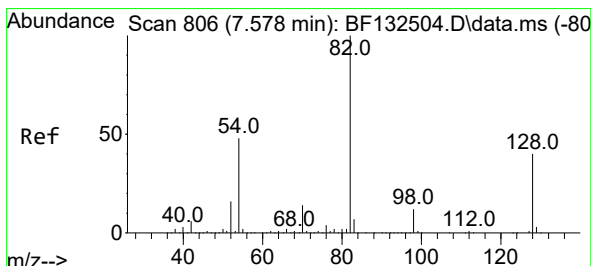
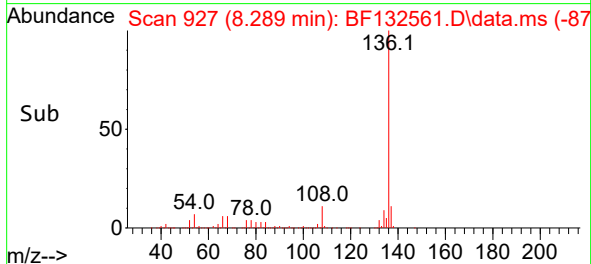
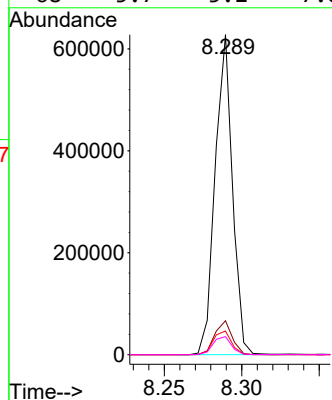
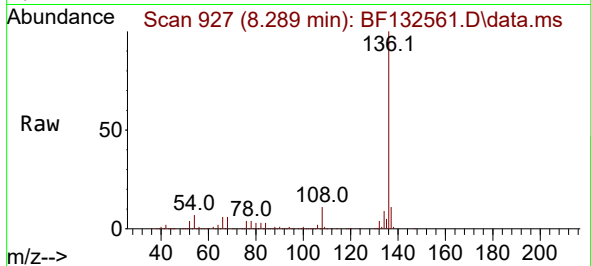




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

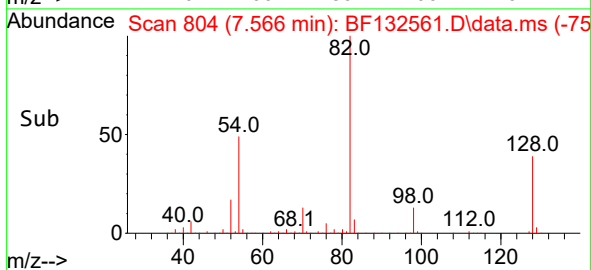
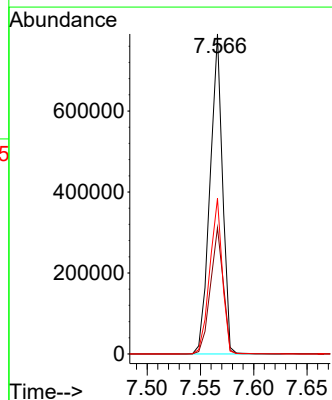
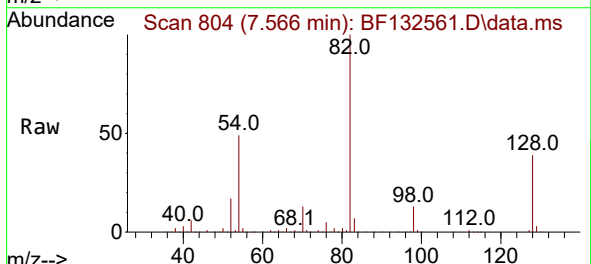
Instrument :
BNA_F
ClientSampleId :
KU-CON4

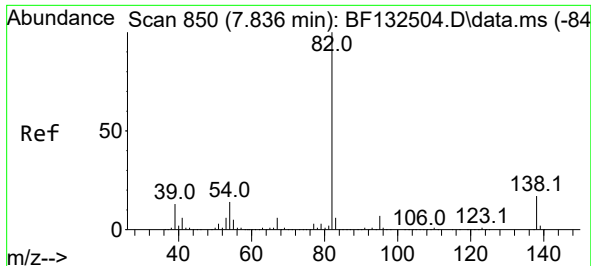
Tgt Ion:136 Resp: 487944
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 6.2 9.4
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 63.040 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

Tgt Ion: 82 Resp: 648341
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 48.6 38.4 57.6

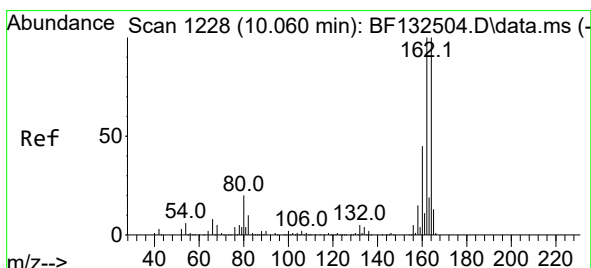
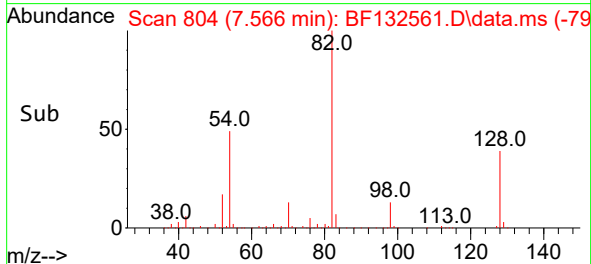
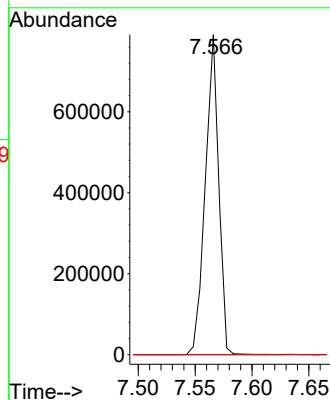
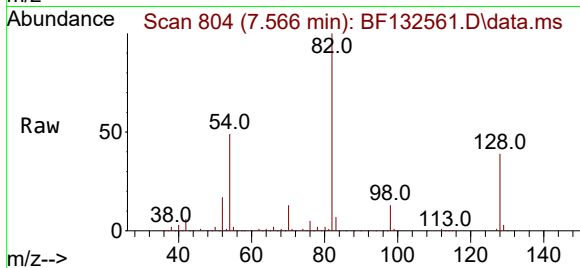




#25
Isophorone
Concen: 32.880 ng
RT: 7.566 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

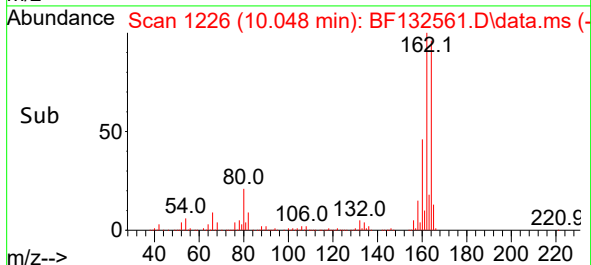
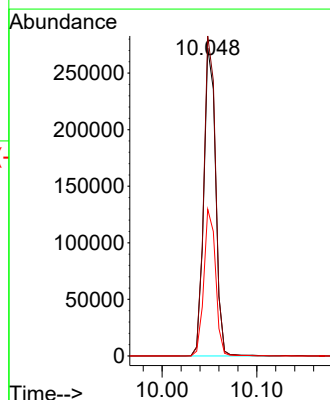
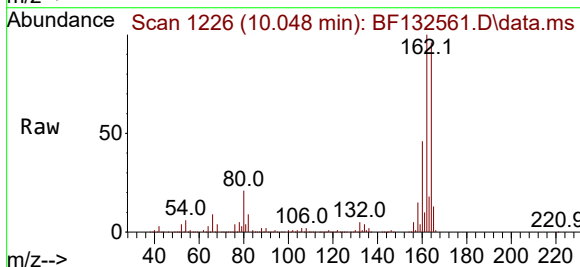
Instrument :
BNA_F
ClientSampleId :
KU-CON4

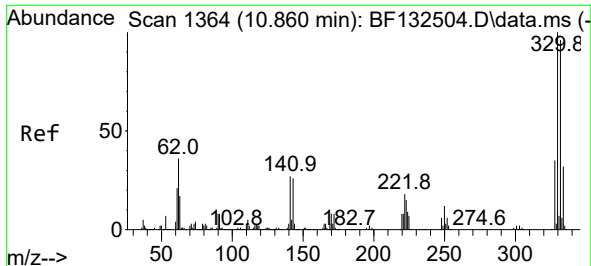
Tgt Ion: 82 Resp: 648325
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

Tgt Ion: 164 Resp: 237513
Ion Ratio Lower Upper
164 100
162 103.9 79.8 119.8
160 47.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 65.864 ng

RT: 10.842 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

Instrument :

BNA_F

ClientSampleId :

KU-CON4

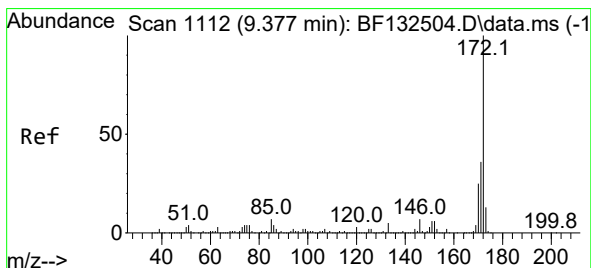
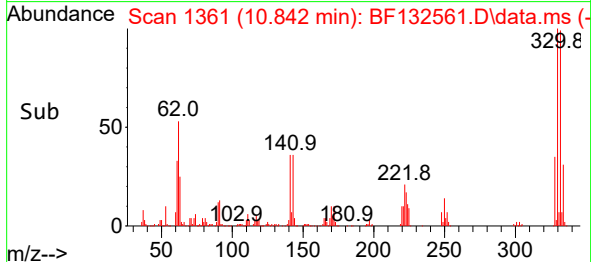
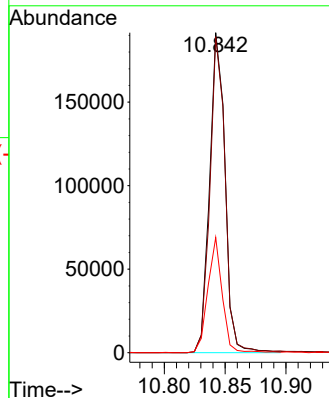
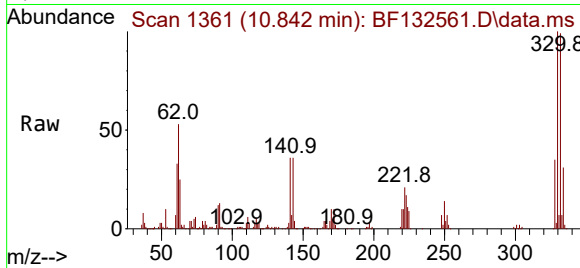
Tgt Ion:330 Resp: 168945

Ion Ratio Lower Upper

330 100

332 98.2 76.2 114.4

141 33.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 71.864 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

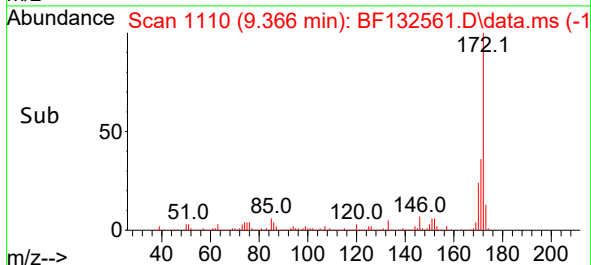
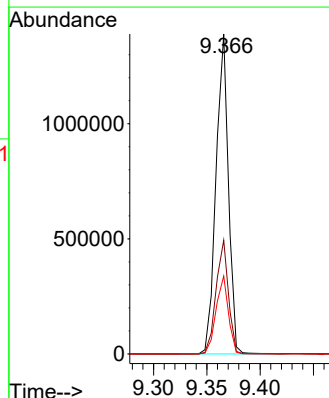
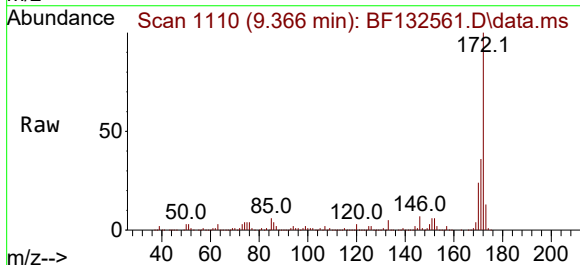
Tgt Ion:172 Resp: 1120980

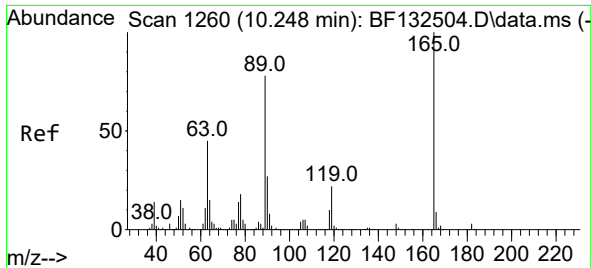
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

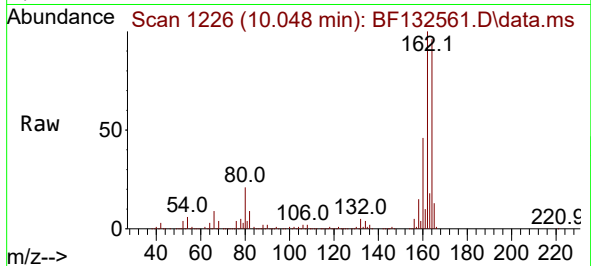
170 24.4 19.7 29.5



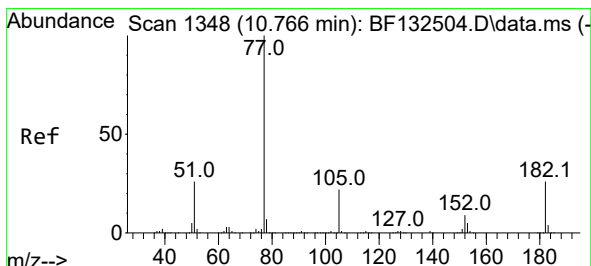
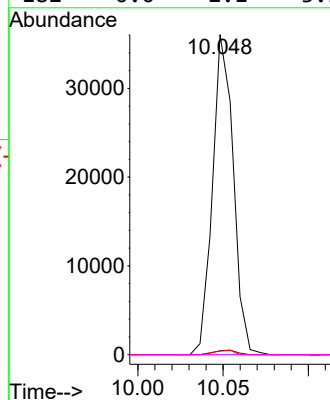
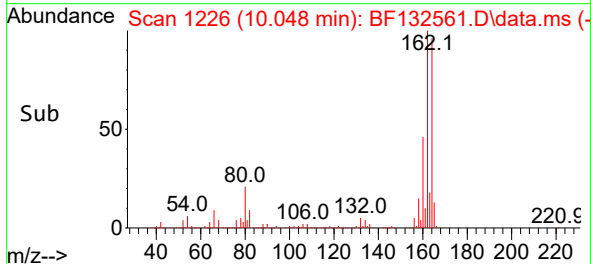


#57
2,4-Dinitrotoluene
Concen: 5.828 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

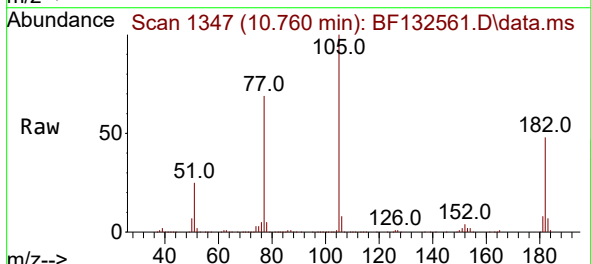
Instrument :
BNA_F
ClientSampleId :
KU-CON4



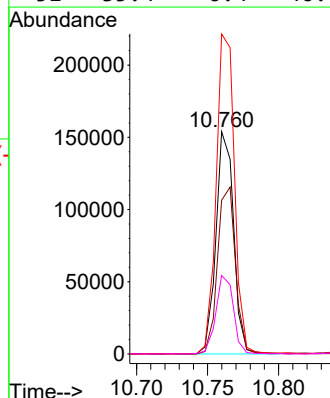
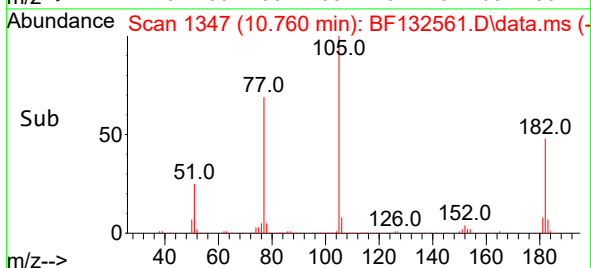
Tgt Ion:165 Resp: 30537
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

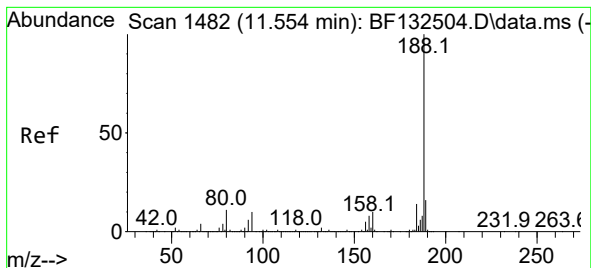


#63
Azobenzene
Concen: 7.446 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47



Tgt Ion: 77 Resp: 133196
Ion Ratio Lower Upper
77 100
182 69.2 5.5 45.5#
105 144.0 1.8 41.8#
51 35.4 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.548 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

Instrument :

BNA_F

ClientSampleId :

KU-CON4

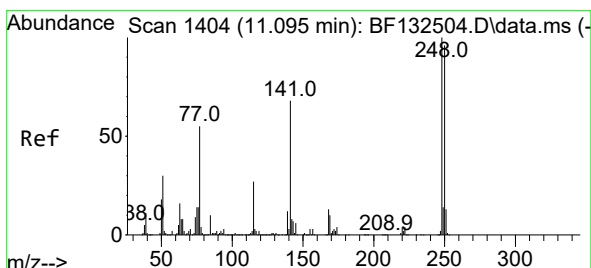
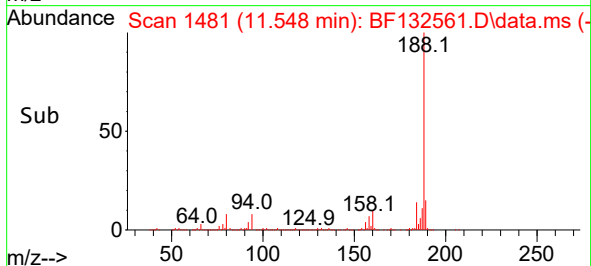
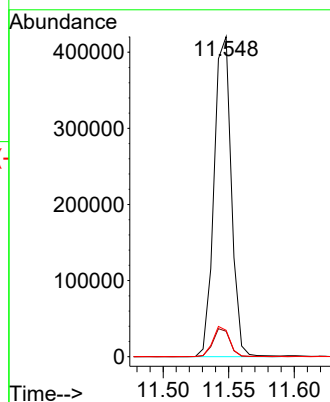
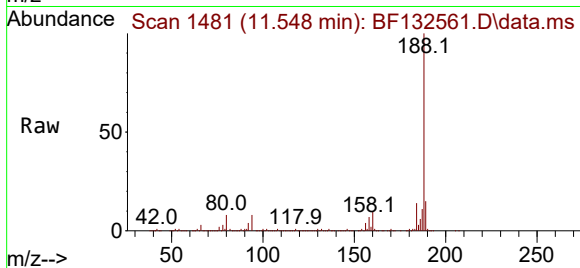
Tgt Ion:188 Resp: 384617

Ion Ratio Lower Upper

188 100

94 8.0 8.3 12.5#

80 8.2 8.7 13.1#



#67

4-Bromophenyl-phenylether

Concen: 2.516 ng

RT: 10.842 min Scan# 1361

Delta R.T. -0.247 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

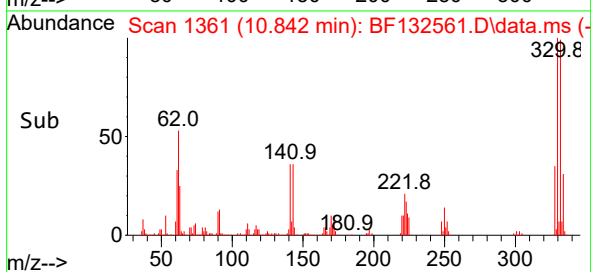
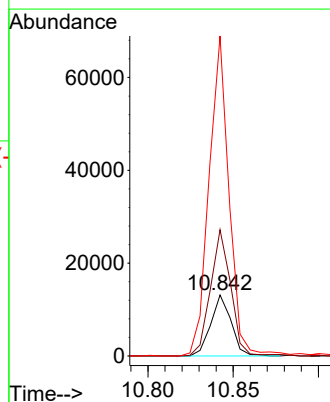
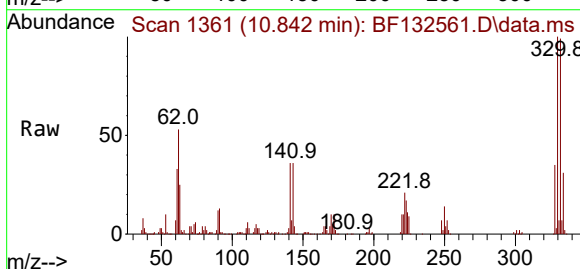
Tgt Ion:248 Resp: 10946

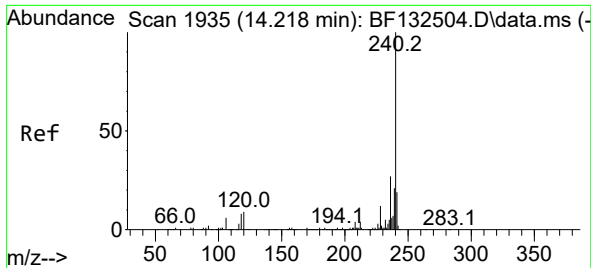
Ion Ratio Lower Upper

248 100

250 207.3 77.0 115.4#

141 525.4 54.2 81.2#

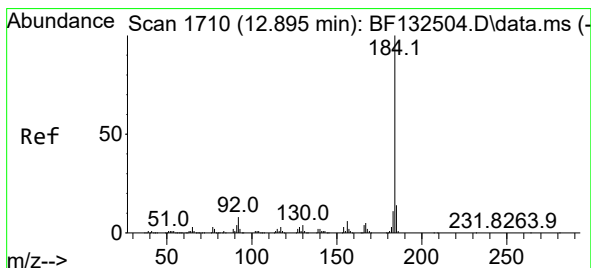
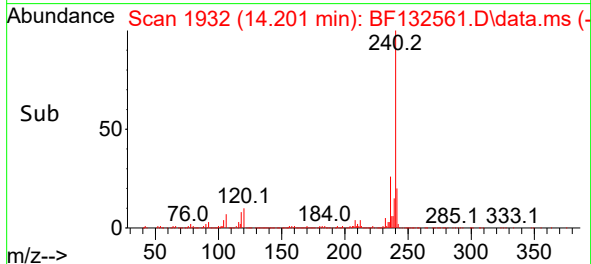
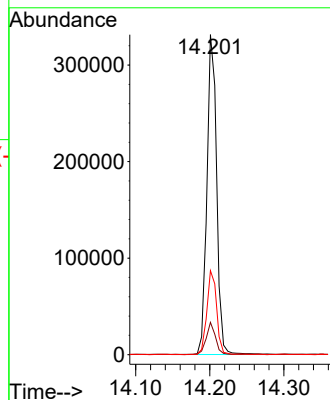
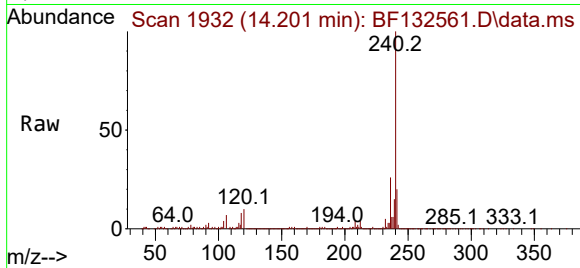




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

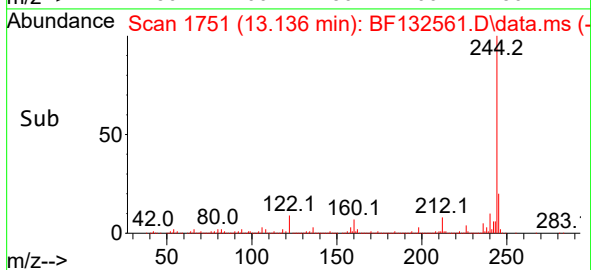
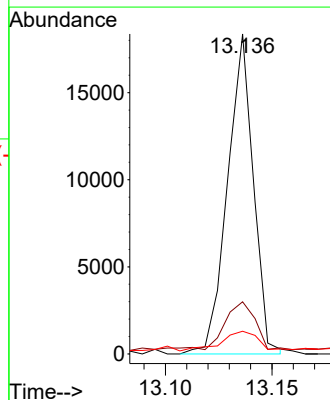
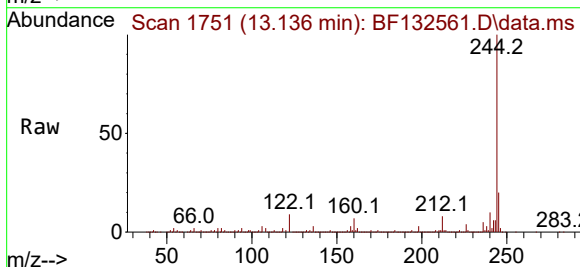
Instrument :
BNA_F
ClientSampleId :
KU-CON4

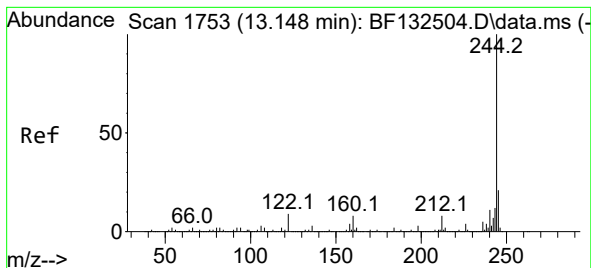
Tgt Ion:240 Resp: 302871
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.2 21.8 32.6



#77
Benzidine
Concen: 2.099 ng
RT: 13.136 min Scan# 1751
Delta R.T. 0.253 min
Lab File: BF132561.D
Acq: 27 Feb 2023 19:47

Tgt Ion:184 Resp: 15478
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 7.1 8.7 13.1#





#79

Terphenyl-d14

Concen: 62.593 ng

RT: 13.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

Instrument :

BNA_F

ClientSampleId :

KU-CON4

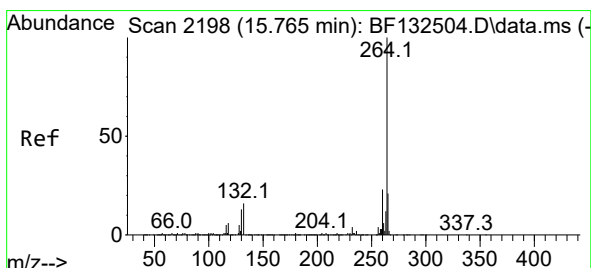
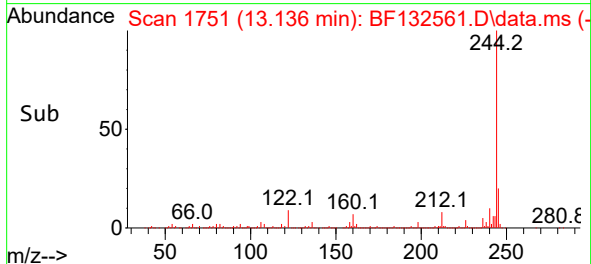
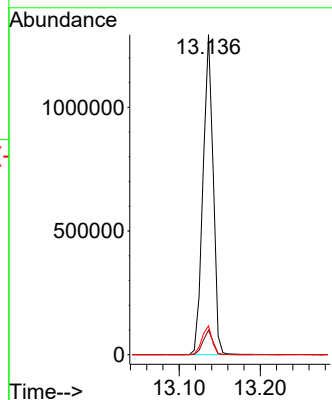
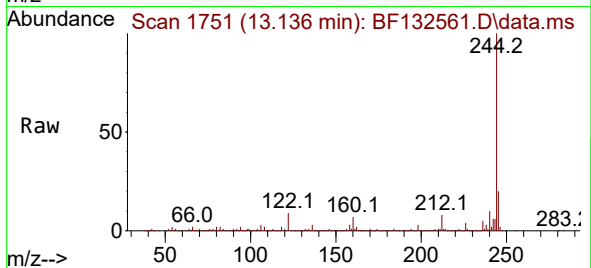
Tgt Ion:244 Resp: 1121256

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.754 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF132561.D

Acq: 27 Feb 2023 19:47

Tgt Ion:264 Resp: 215046

Ion Ratio Lower Upper

264 100

260 22.1 18.8 28.2

265 20.4 17.1 25.7

