

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127086.D
 Acq On : 25 Feb 2022 22:25
 Operator : CG\JU
 Sample : N1664-13 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Feb 26 01:41:12 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)

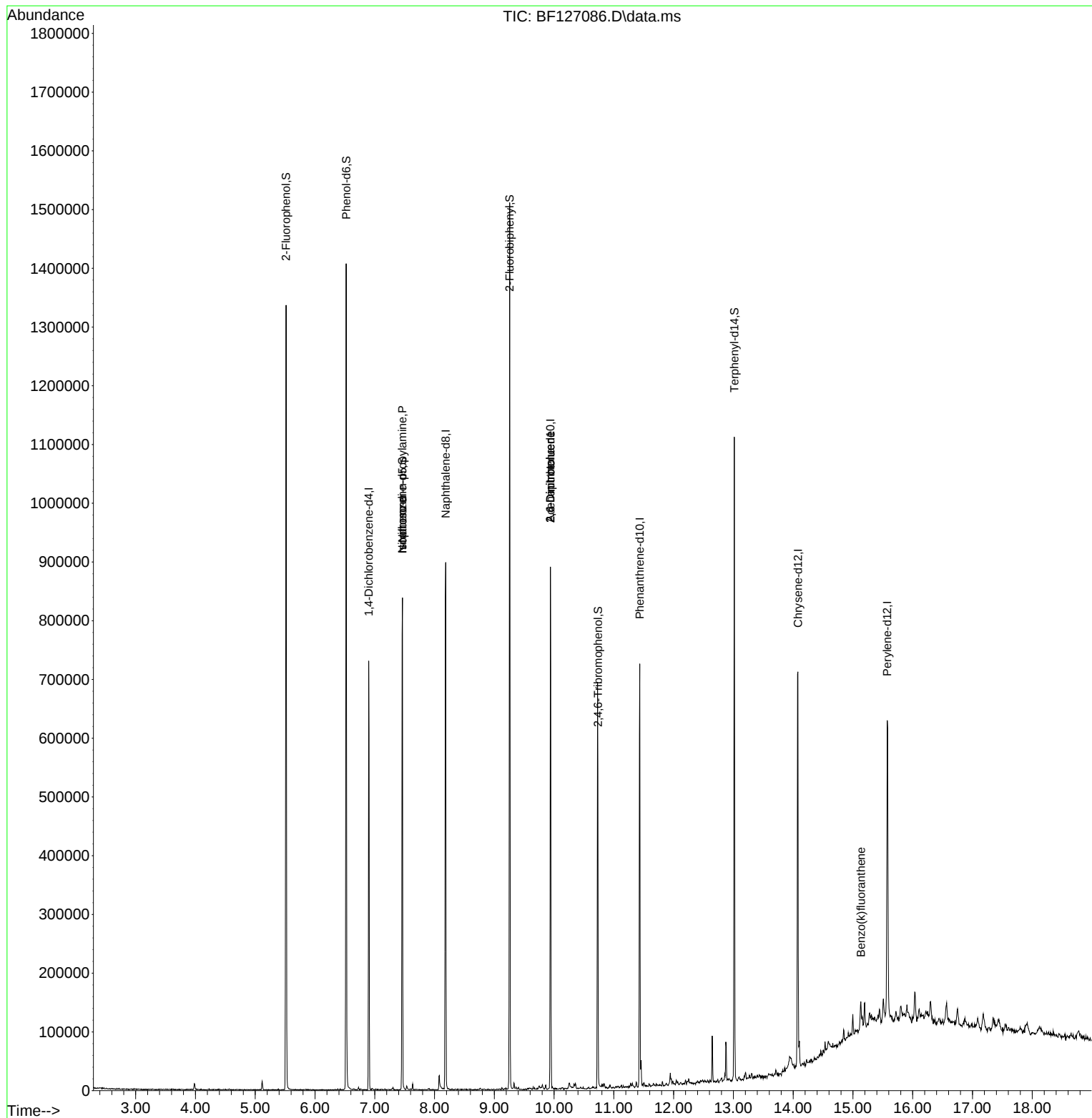
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97089	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	370311	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	167395	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	240234	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	219957	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	218743	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	298909	47.584	ng	-0.01
7) Phenol-d6	6.522	99	373528	44.067	ng	-0.02
23) Nitrobenzene-d5	7.463	82	262322	31.974	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	76006	39.436	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	380127	33.430	ng	-0.01
79) Terphenyl-d14	13.016	244	308516	20.619	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	34381	6.295	ng	# 78
25) Isophorone	7.463	82	261267	19.245	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	21492	8.829	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	21492	6.530	ng	# 15
89) Benzo(k)fluoranthene	15.133	252	28655	2.022	ng	95

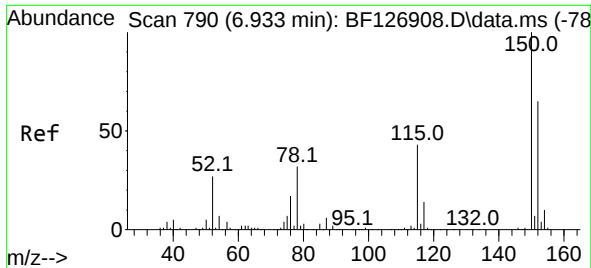
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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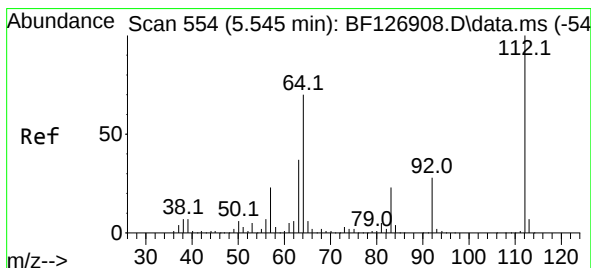
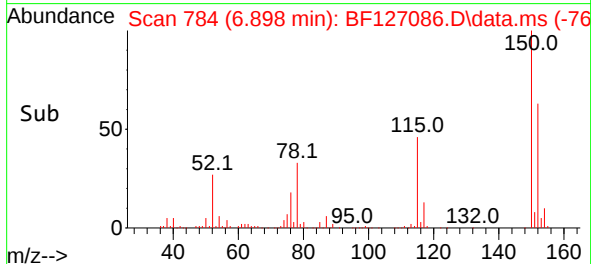
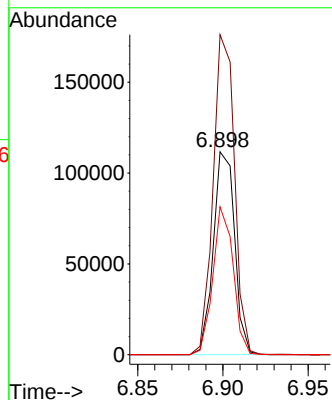
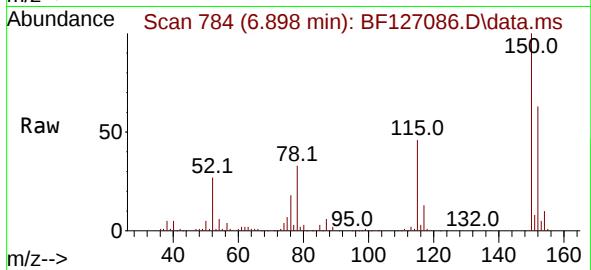




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF127086.D
 Acq: 25 Feb 2022 22:25

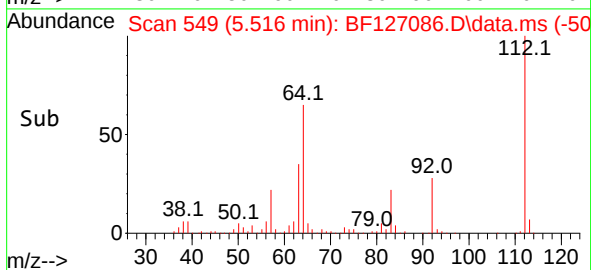
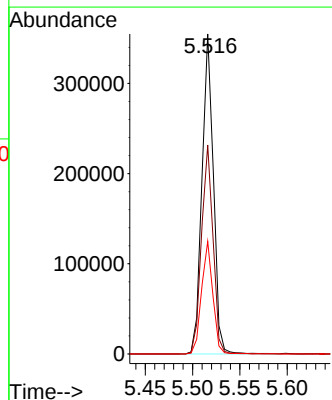
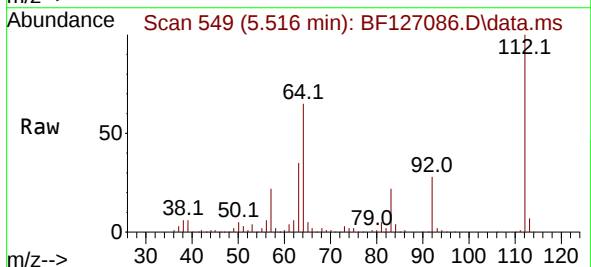
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

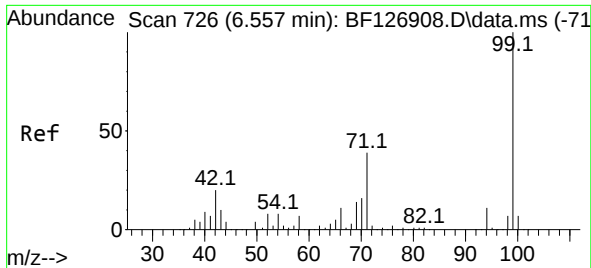
Tgt Ion:152 Resp: 97089
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 72.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 47.584 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.012 min
 Lab File: BF127086.D
 Acq: 25 Feb 2022 22:25

Tgt Ion:112 Resp: 298909
 Ion Ratio Lower Upper
 112 100
 64 65.3 49.5 74.3
 63 35.2 23.9 35.9

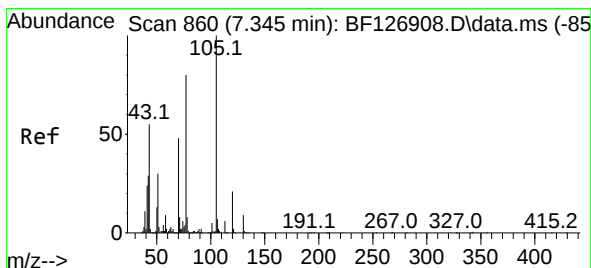
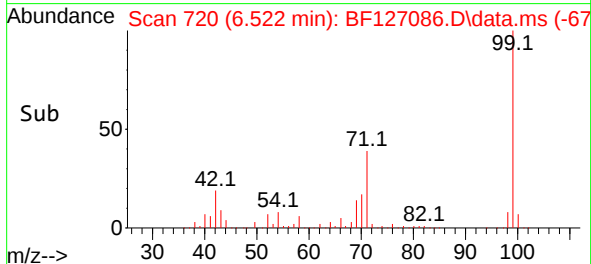
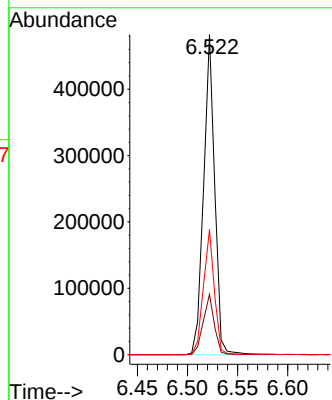
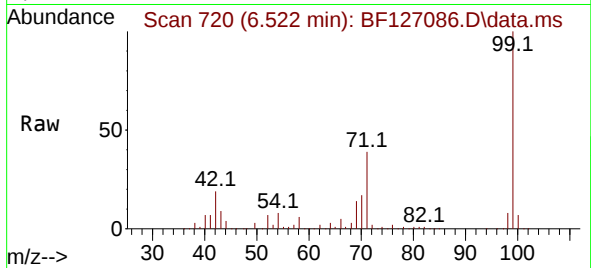




#7
Phenol-d6
Concen: 44.067 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

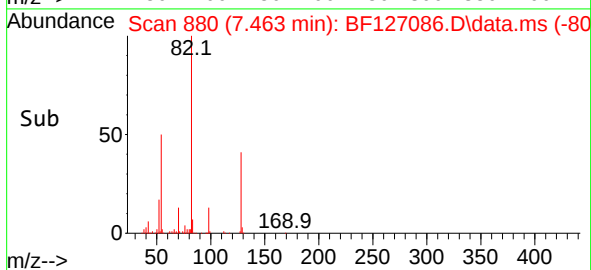
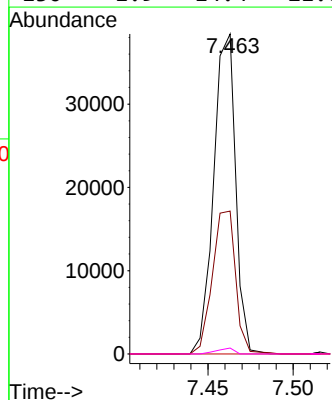
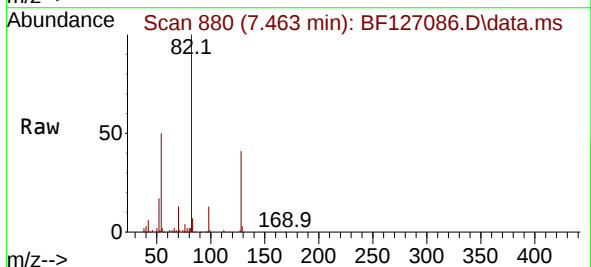
Instrument :
BNA_F
ClientSampleId :
TP-5

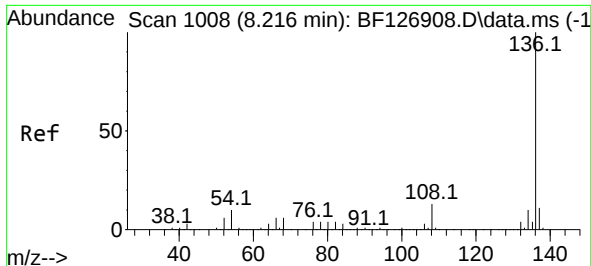
Tgt Ion: 99 Resp: 373528
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 39.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 6.295 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

Tgt Ion: 70 Resp: 34381
Ion Ratio Lower Upper
70 100
42 44.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

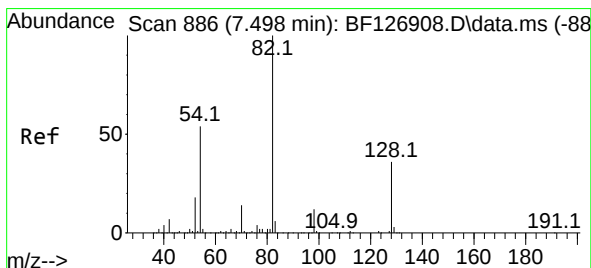
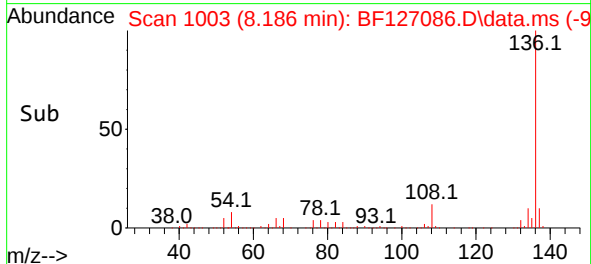
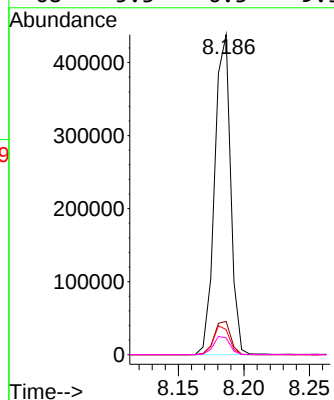
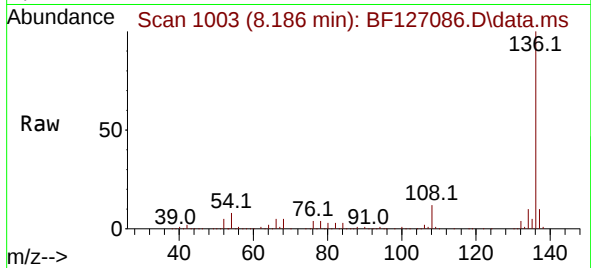




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

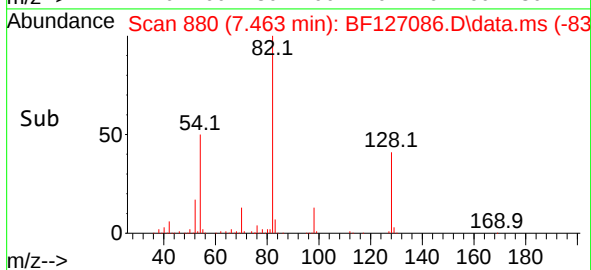
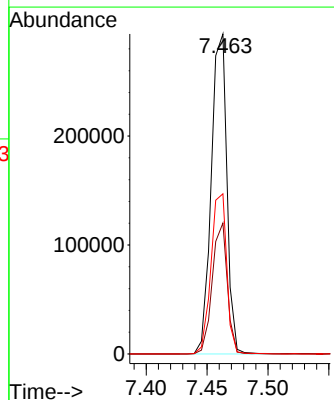
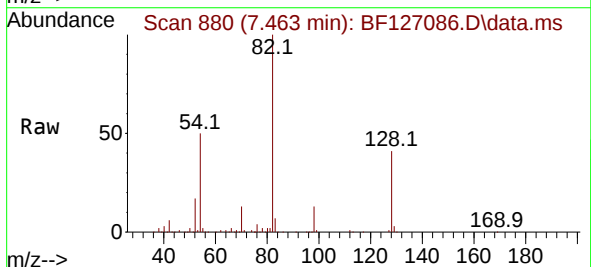
Instrument :
BNA_F
ClientSampleId :
TP-5

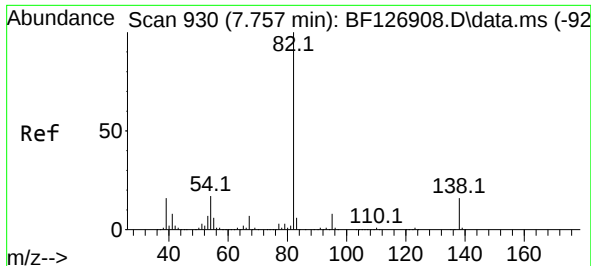
Tgt Ion:136 Resp: 370311
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.9 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 31.974 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

Tgt Ion: 82 Resp: 262322
Ion Ratio Lower Upper
82 100
128 40.9 32.7 49.1
54 50.1 41.7 62.5

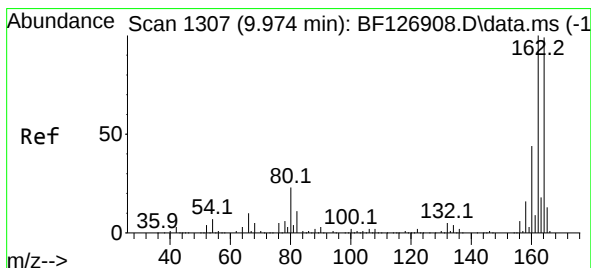
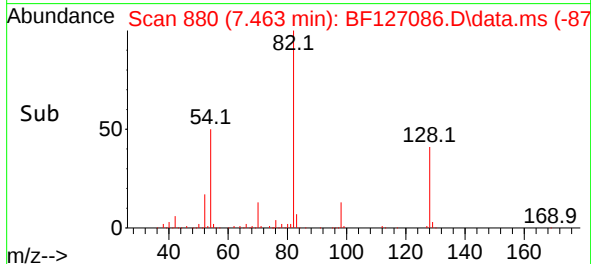
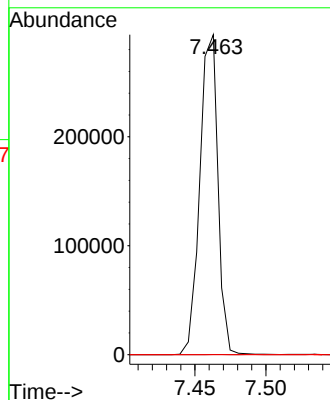
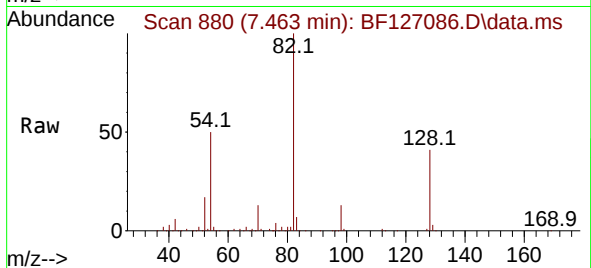




#25
Isophorone
Concen: 19.245 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

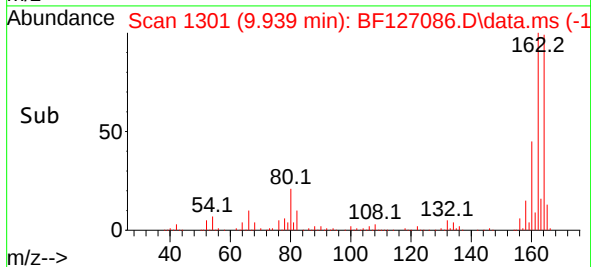
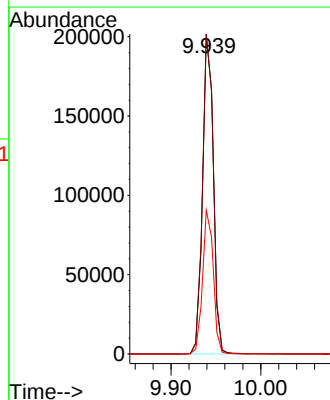
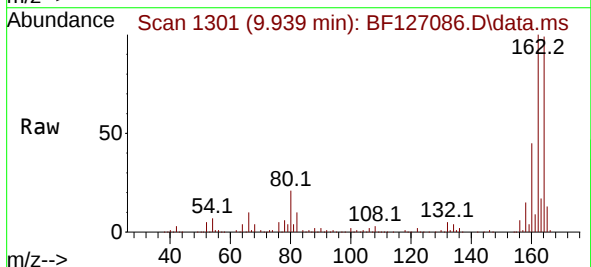
Instrument :
BNA_F
ClientSampleId :
TP-5

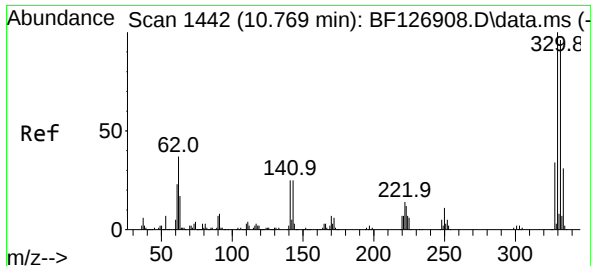
Tgt Ion: 82 Resp: 261267
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

Tgt Ion:164 Resp: 167395
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 39.436 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-5

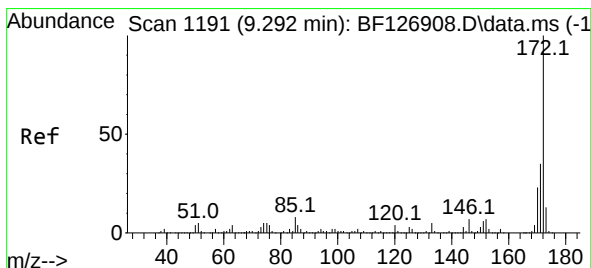
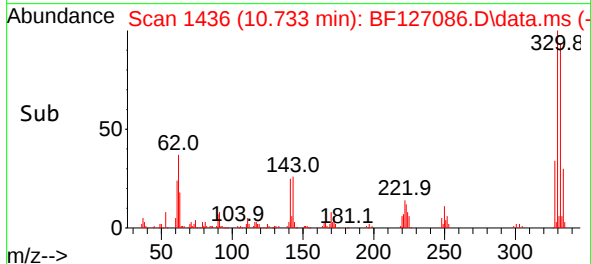
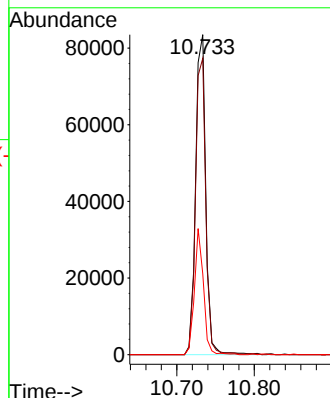
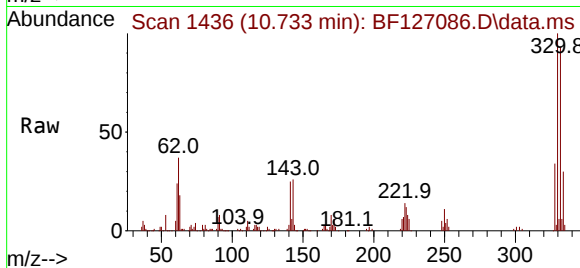
Tgt Ion:330 Resp: 76006

Ion Ratio Lower Upper

330 100

332 93.4 76.0 114.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 33.430 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

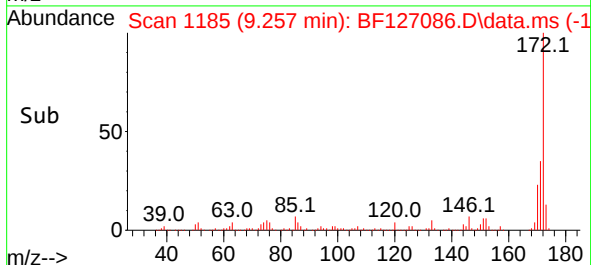
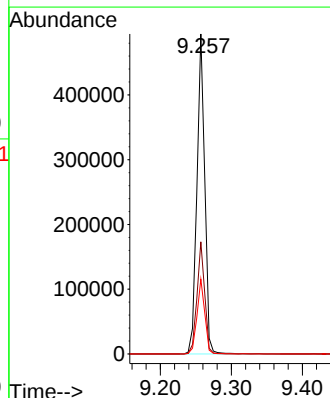
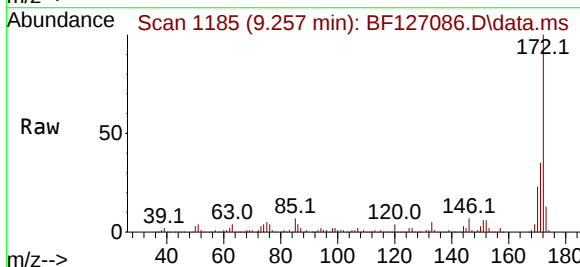
Tgt Ion:172 Resp: 380127

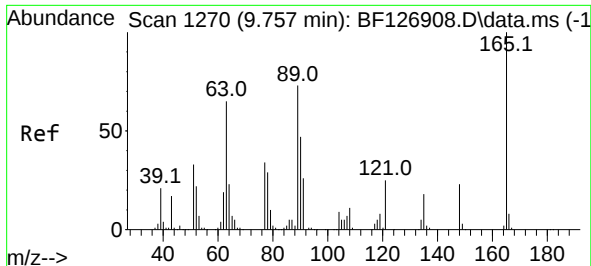
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.829 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-5

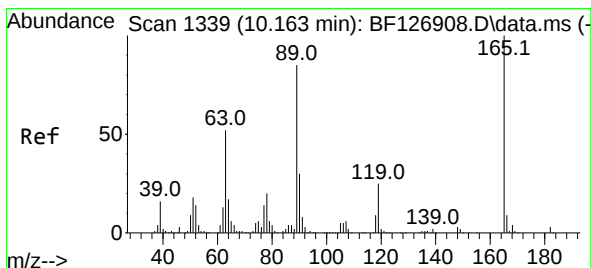
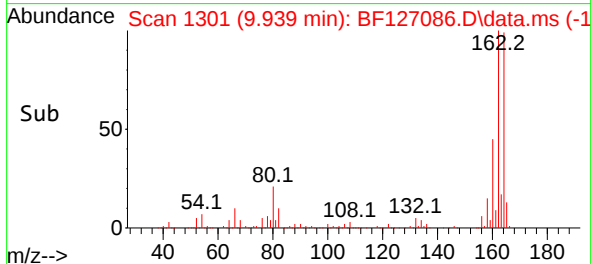
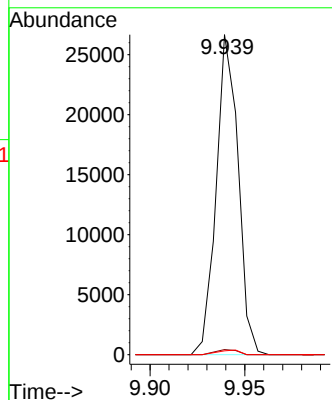
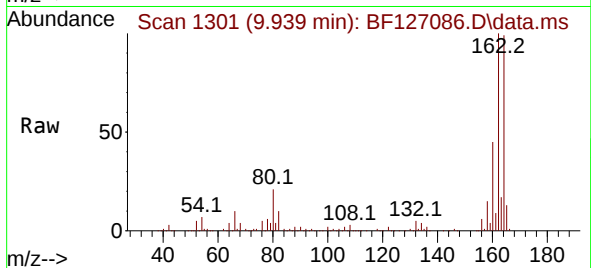
Tgt Ion:165 Resp: 21492

Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.2 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.530 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.200 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

Tgt Ion:165 Resp: 21492

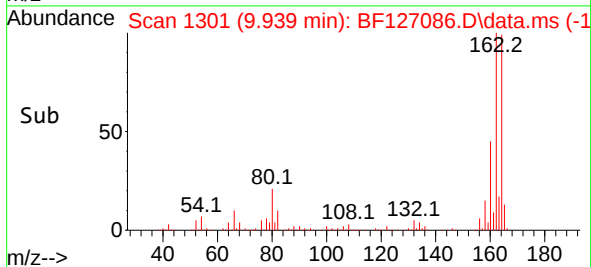
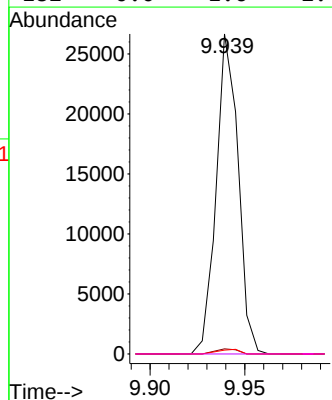
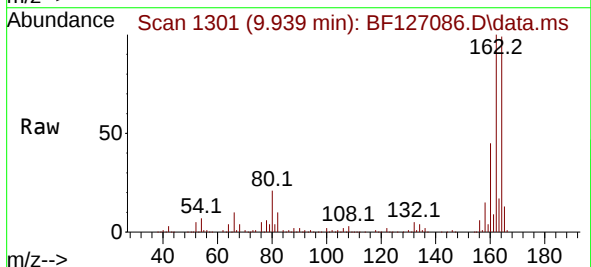
Ion Ratio Lower Upper

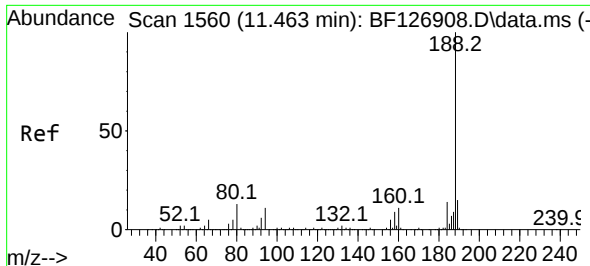
165 100

63 1.6 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

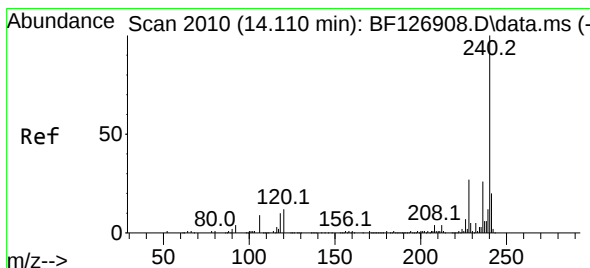
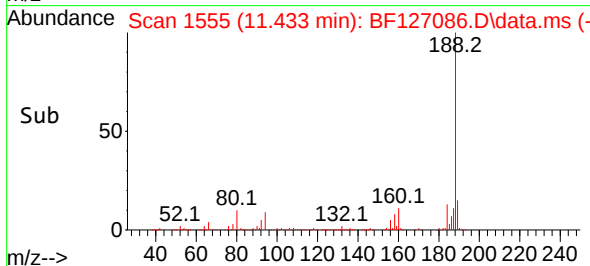
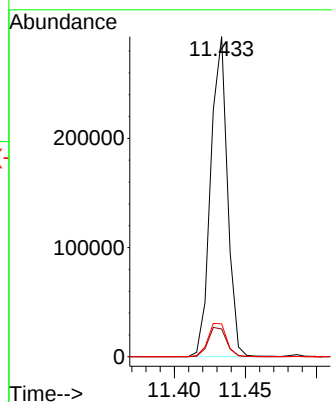
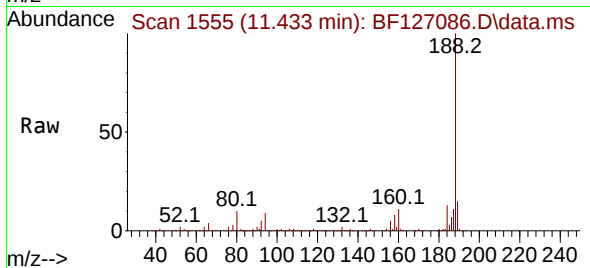




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

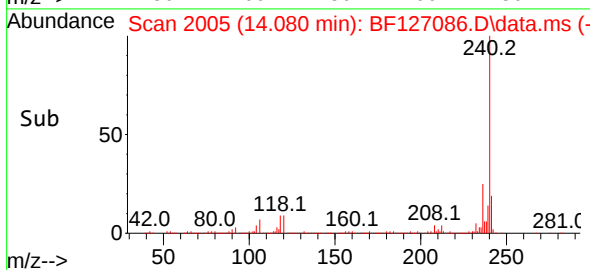
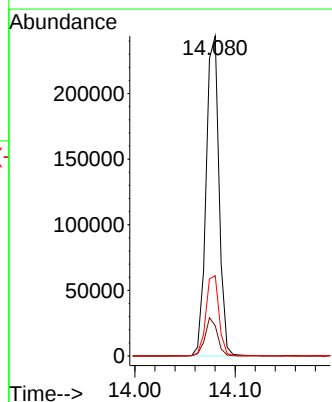
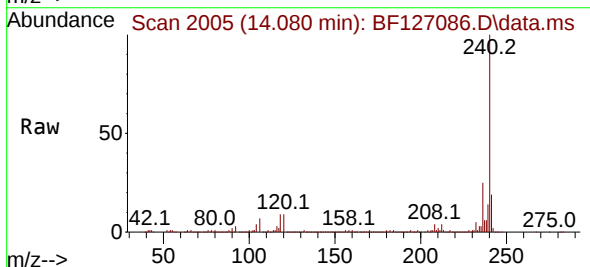
Instrument :
BNA_F
ClientSampleId :
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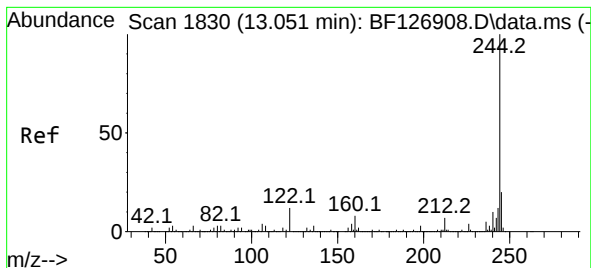
Tgt Ion:188 Resp: 240234
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.2 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127086.D
Acq: 25 Feb 2022 22:25

Tgt Ion:240 Resp: 219957
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 20.619 ng

RT: 13.016 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-5

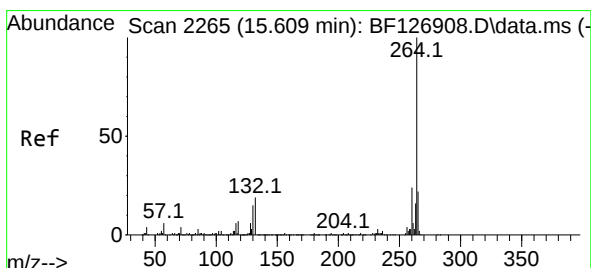
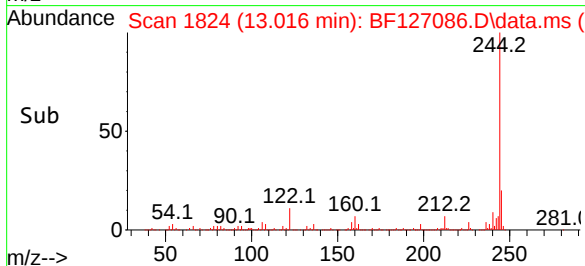
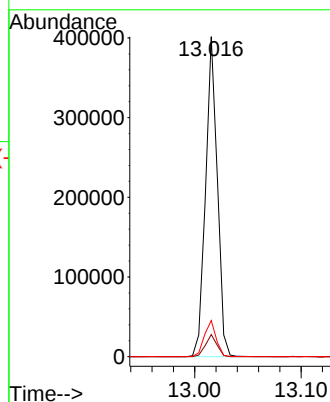
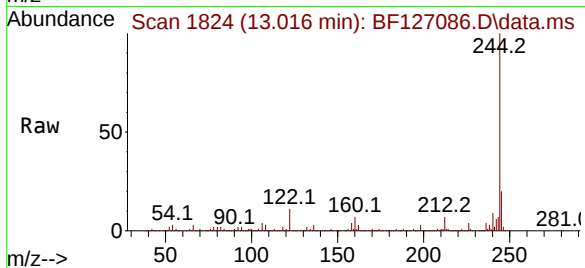
Tgt Ion:244 Resp: 308516

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 11.3 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. -0.012 min

Lab File: BF127086.D

Acq: 25 Feb 2022 22:25

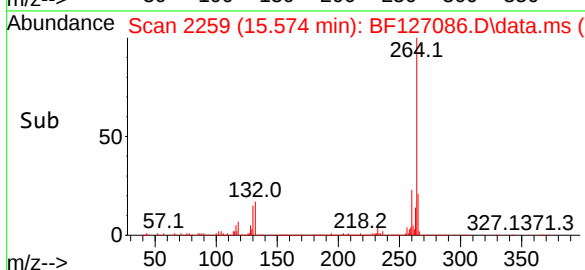
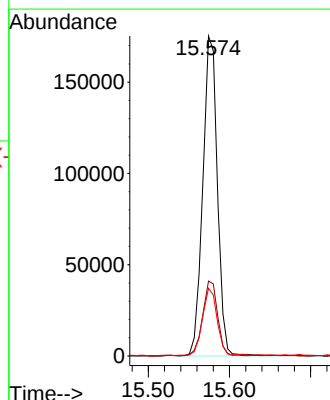
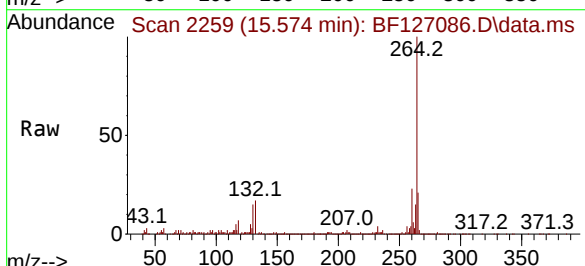
Tgt Ion:264 Resp: 218743

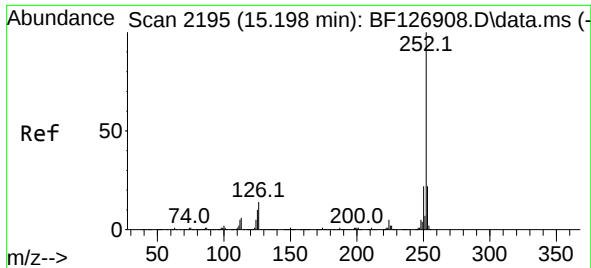
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 17.4 26.2





#89

Benzo(k)fluoranthene

Concen: 2.022 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF127086.D

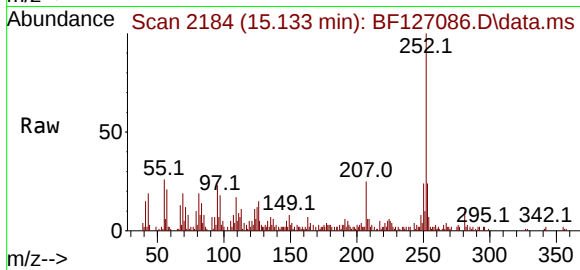
Acq: 25 Feb 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-5



Tgt Ion:252 Resp: 28655

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 12.2 11.8 17.6

