

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126664.D
 Acq On : 25 Jan 2022 15:36
 Operator : CG/JU
 Sample : N1233-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4743

Quant Time: Jan 26 00:21:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

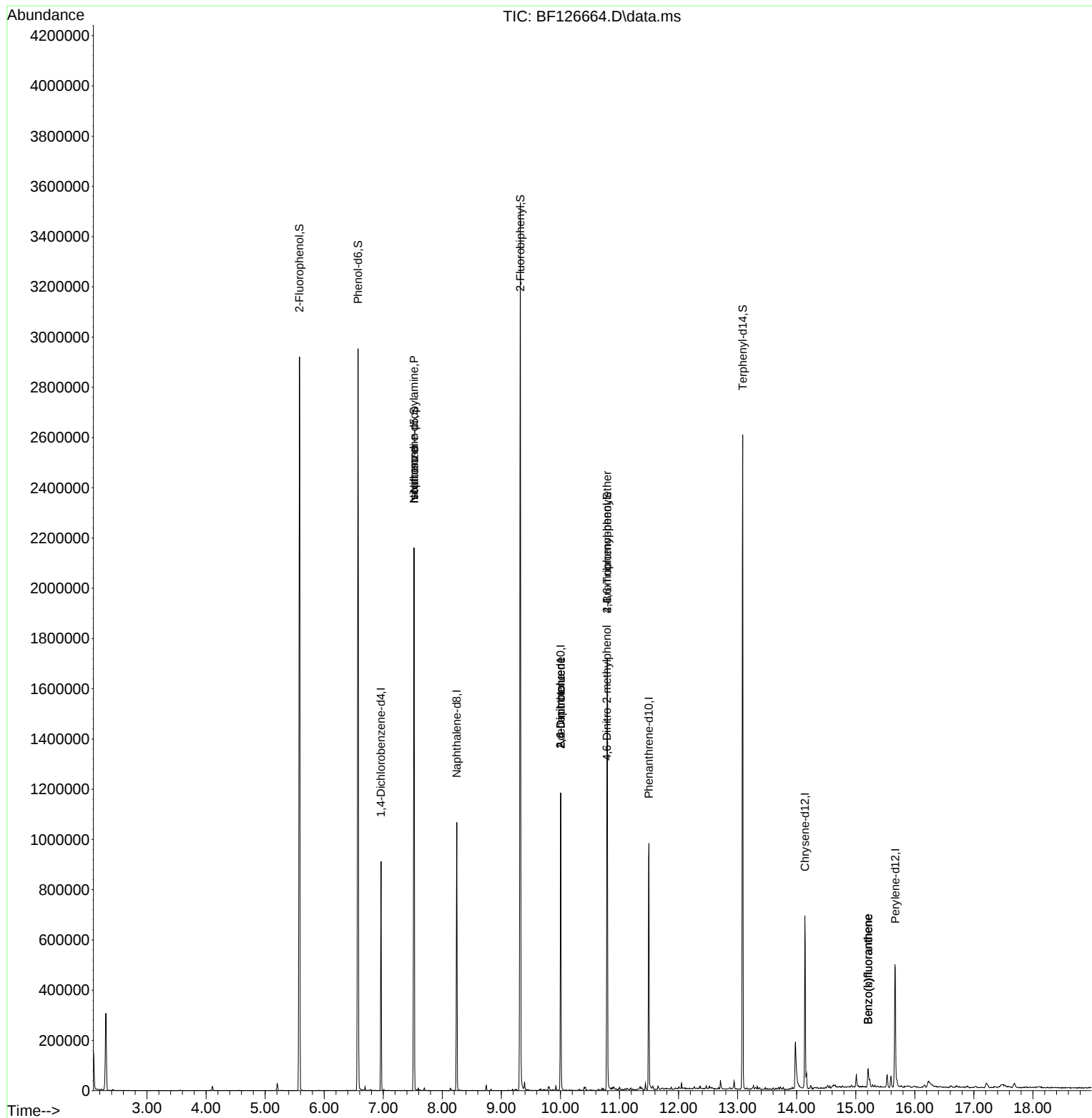
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	106982	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	405465	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	211092	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	335372	20.000	ng	0.00
76) Chrysene-d12	14.139	240	214738	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	230228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	789421	97.100	ng	0.00
7) Phenol-d6	6.575	99	1056531	93.535	ng	0.00
23) Nitrobenzene-d5	7.522	82	785707	75.847	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	161316	81.659	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	976023	70.812	ng	0.00
79) Terphenyl-d14	13.086	244	817113	63.823	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.575	77	2071	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	107232	13.007	ng	# 70
25) Isophorone	7.522	82	785697	39.110	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	26560	10.266	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	26560	8.472	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	289	7.524	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	11022	2.852	ng	# 1
88) Benzo(b)fluoranthene	15.209	252	55477	3.634	ng	# 95
89) Benzo(k)fluoranthene	15.209	252	55477	3.701	ng	# 95

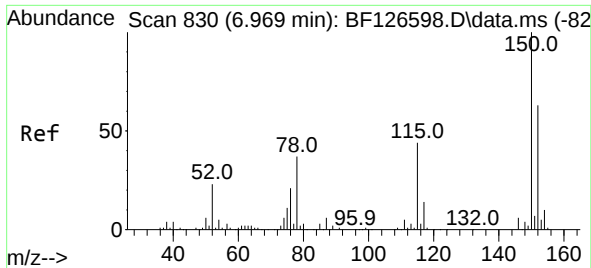
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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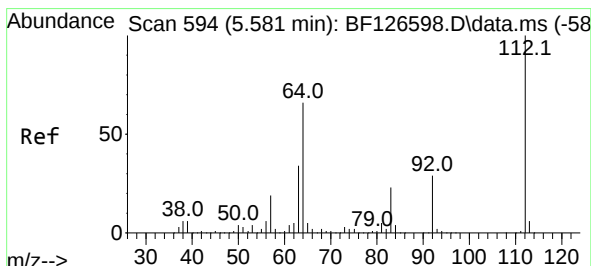
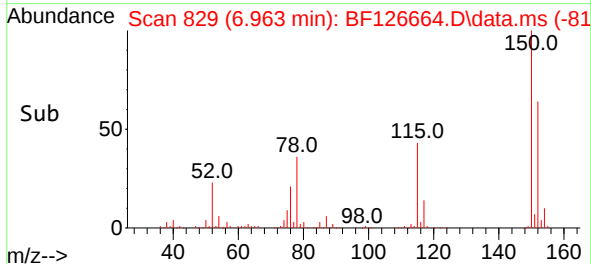
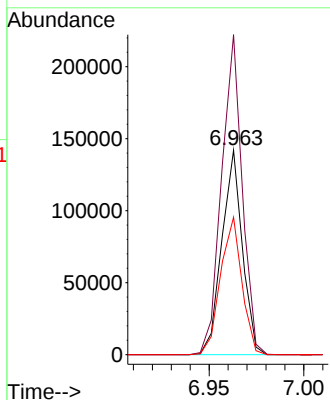
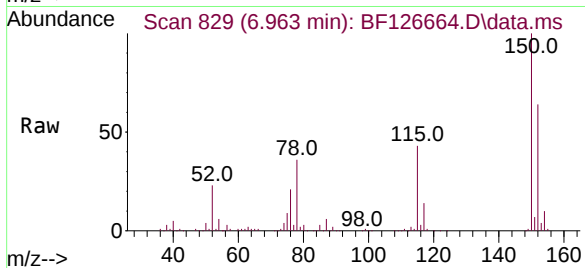




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

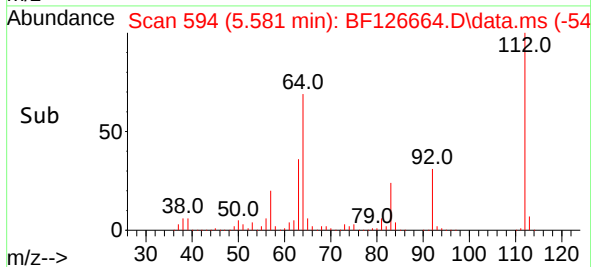
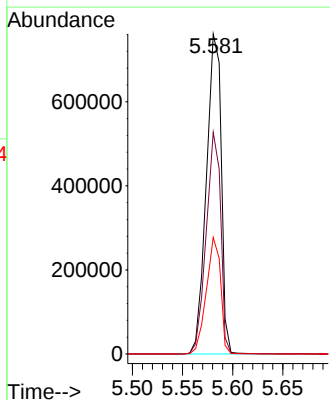
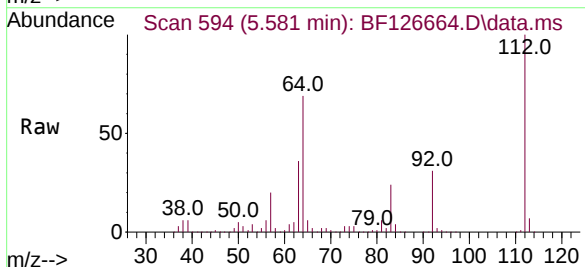
Instrument :
BNA_F
ClientSampleId :
RT4743

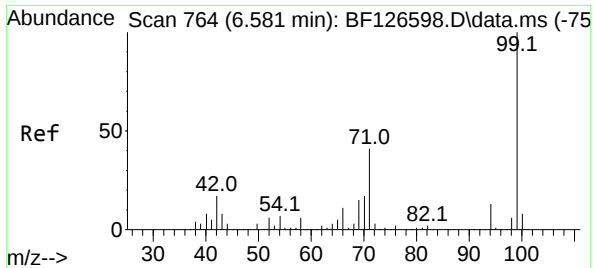
Tgt Ion:152 Resp: 106982
Ion Ratio Lower Upper
152 100
150 156.4 128.1 192.1
115 67.2 56.7 85.1



#5
2-Fluorophenol
Concen: 97.100 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

Tgt Ion:112 Resp: 789421
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 36.4 23.9 35.9#





#7

Phenol-d6

Concen: 93.535 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743

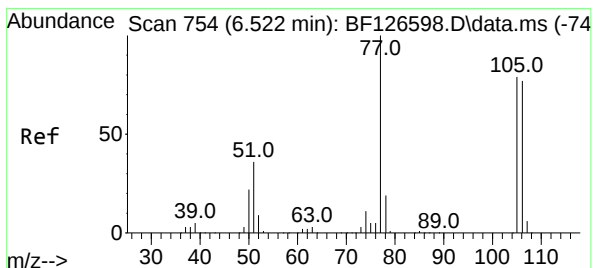
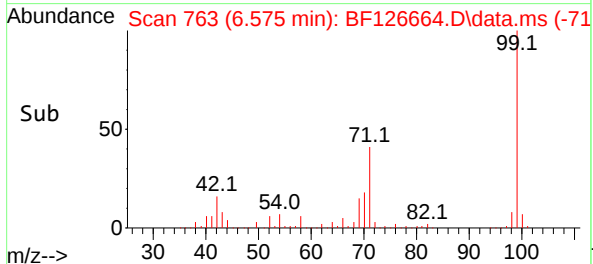
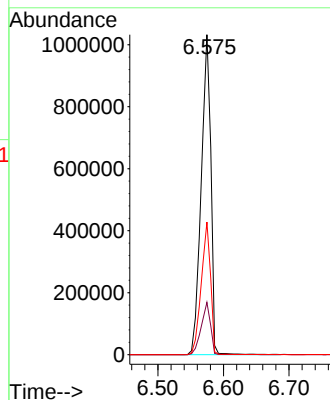
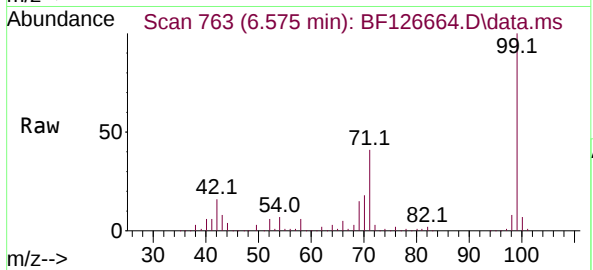
Tgt Ion: 99 Resp: 1056531

Ion Ratio Lower Upper

99 100

42 16.3 14.2 21.4

71 41.5 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

Delta R.T. 0.053 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

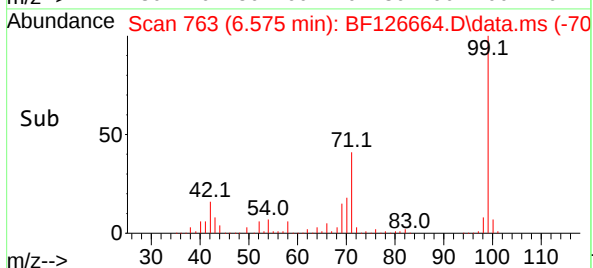
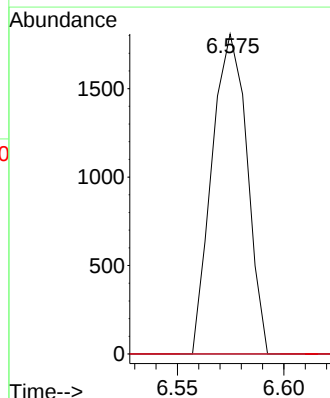
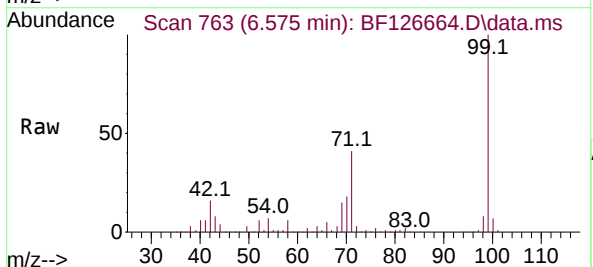
Tgt Ion: 77 Resp: 2071

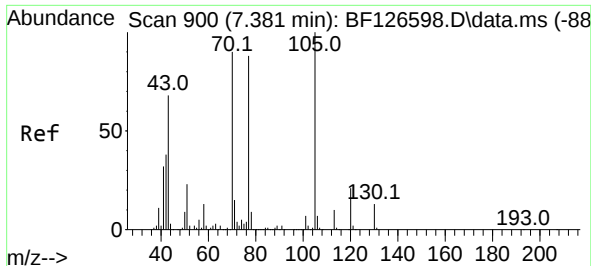
Ion Ratio Lower Upper

77 100

105 0.0 74.9 114.9#

106 0.0 72.4 112.4#





#19

n-Nitroso-di-n-propylamine

Concen: 13.007 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126664.D

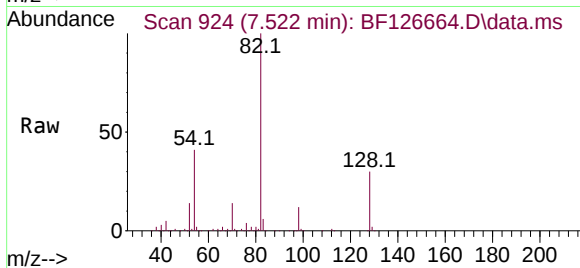
Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743



Tgt Ion: 70 Resp: 107232

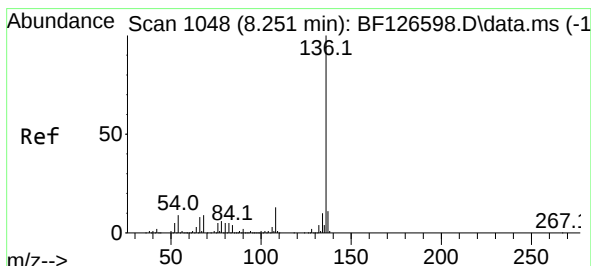
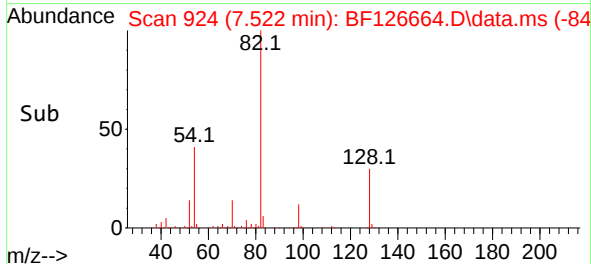
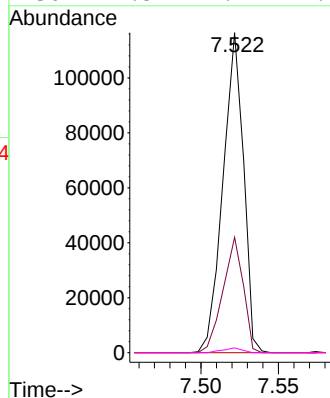
Ion Ratio Lower Upper

70 100

42 36.0 45.8 68.8#

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Tgt Ion: 136 Resp: 405465

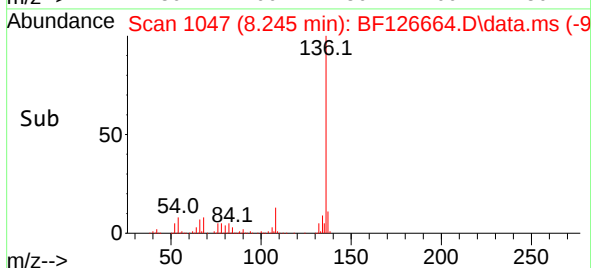
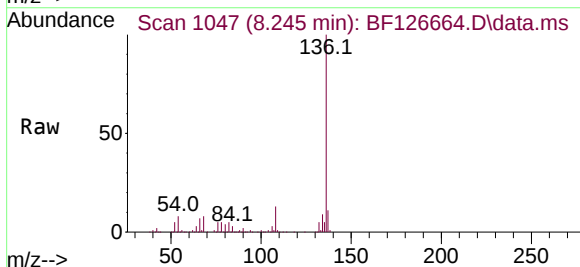
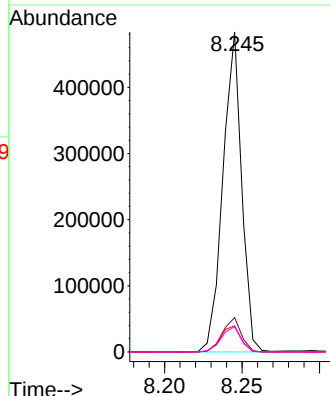
Ion Ratio Lower Upper

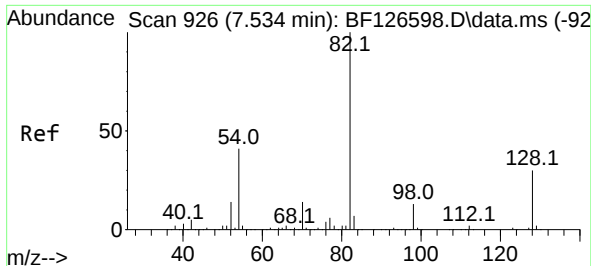
136 100

137 10.7 8.6 13.0

54 8.2 7.8 11.6

68 7.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 75.847 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743

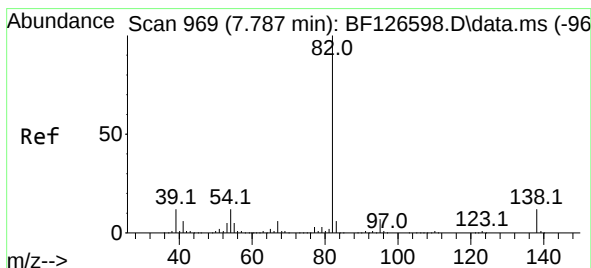
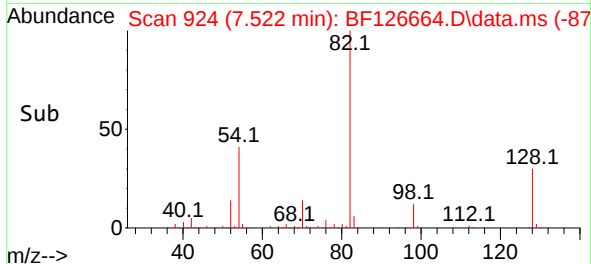
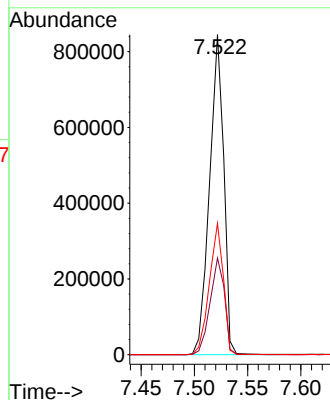
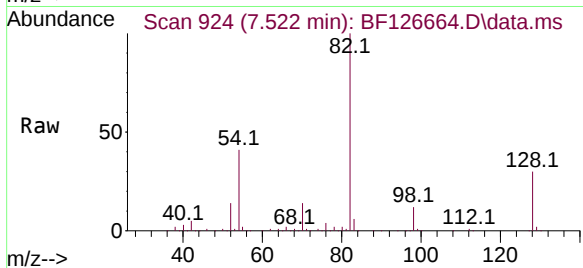
Tgt Ion: 82 Resp: 785707

Ion Ratio Lower Upper

82 100

128 30.2 32.7 49.1#

54 41.0 41.7 62.5#



#25

Isophorone

Concen: 39.110 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.265 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

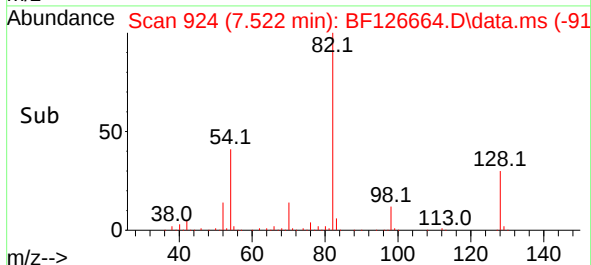
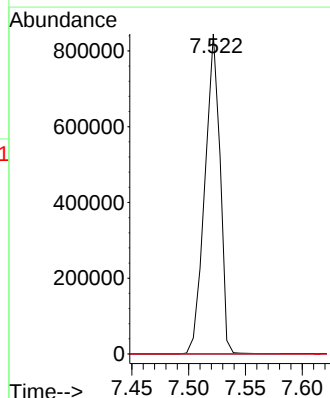
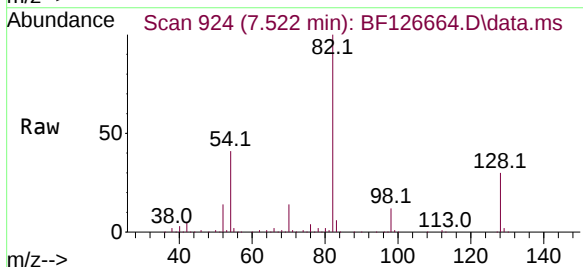
Tgt Ion: 82 Resp: 785697

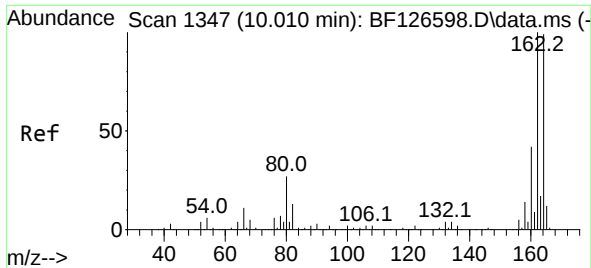
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

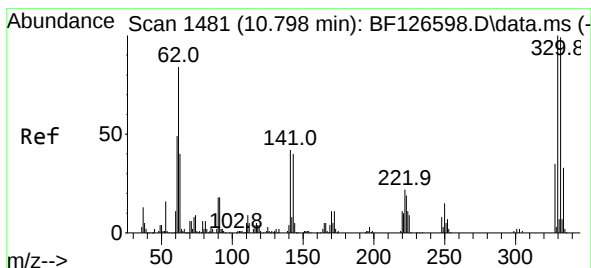
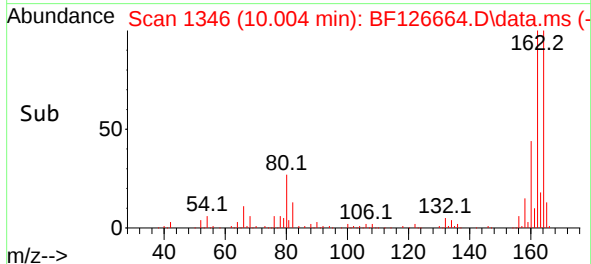
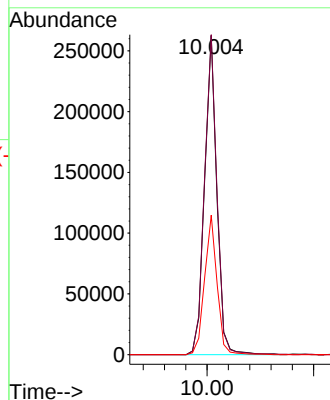
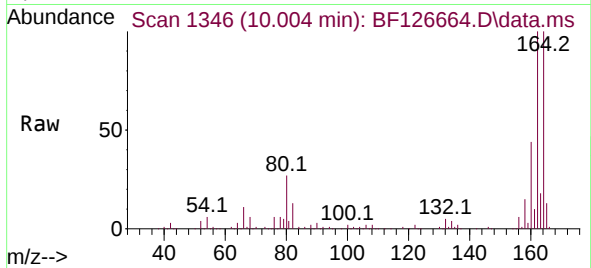




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

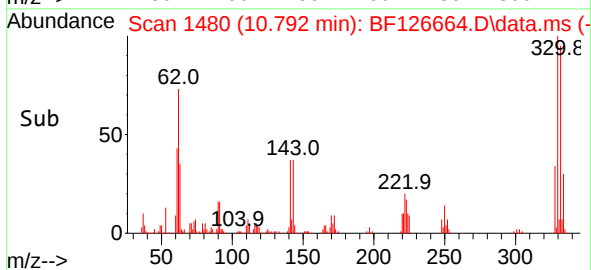
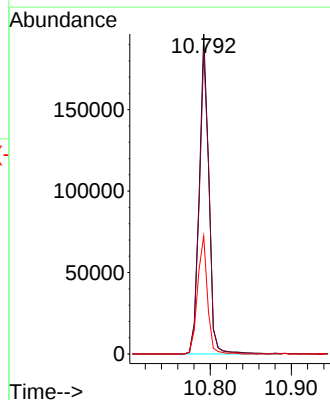
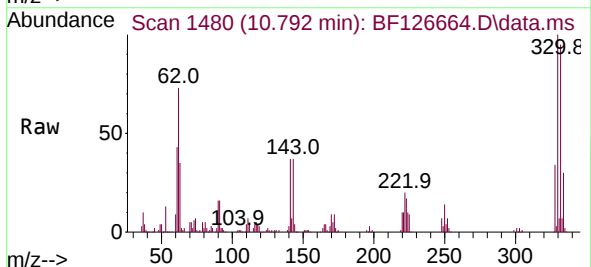
Instrument :
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ClientSampleId :
RT4743

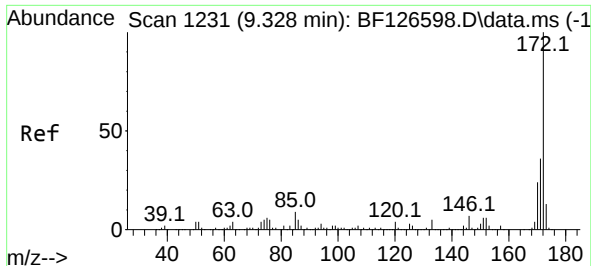
Tgt Ion:164 Resp: 211092
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 81.659 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

Tgt Ion:330 Resp: 161316
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 37.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 70.812 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743

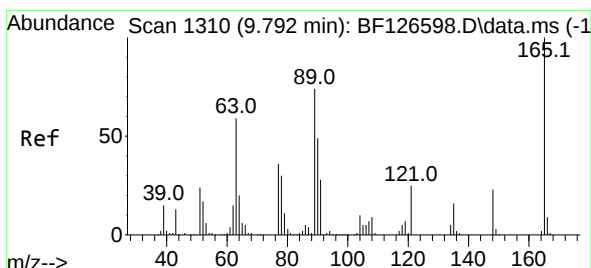
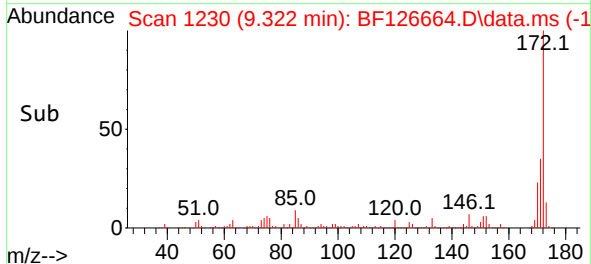
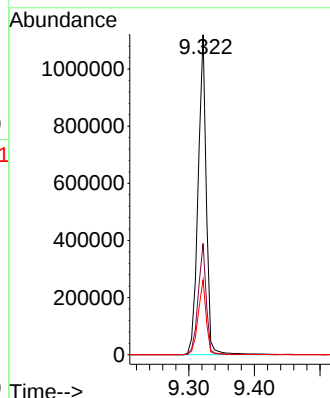
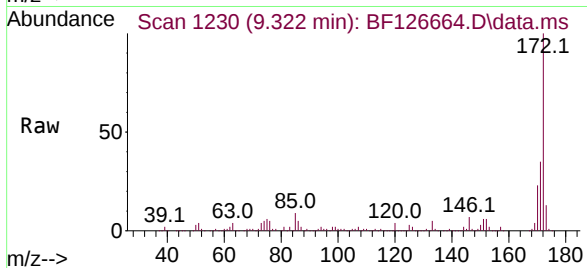
Tgt Ion:172 Resp: 976023

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.266 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

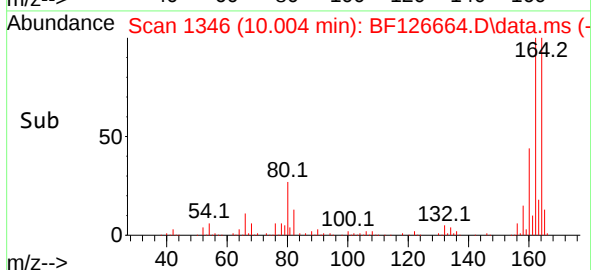
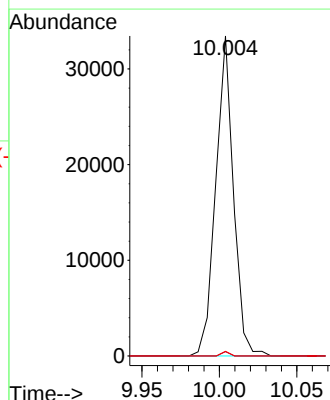
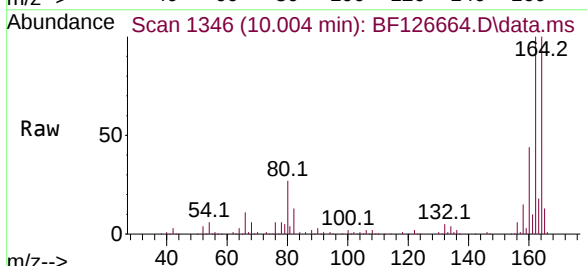
Tgt Ion:165 Resp: 26560

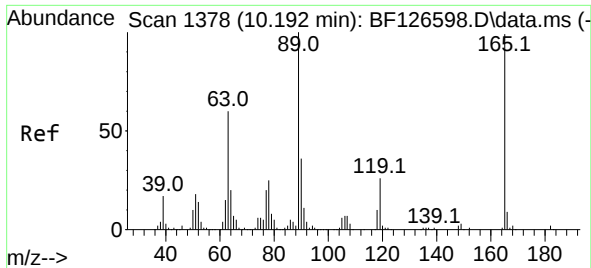
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.4 50.5 75.7#

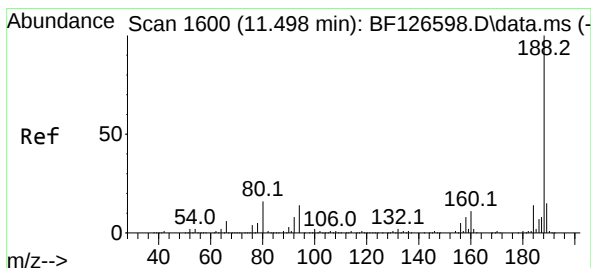
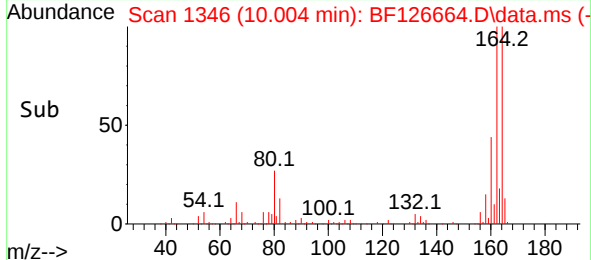
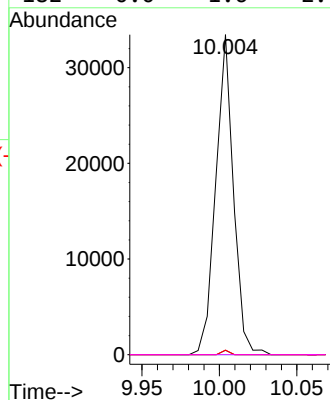
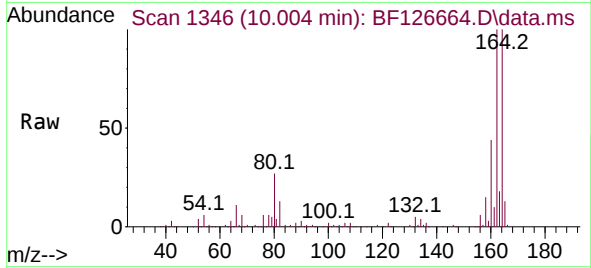




#57
2,4-Dinitrotoluene
Concen: 8.472 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

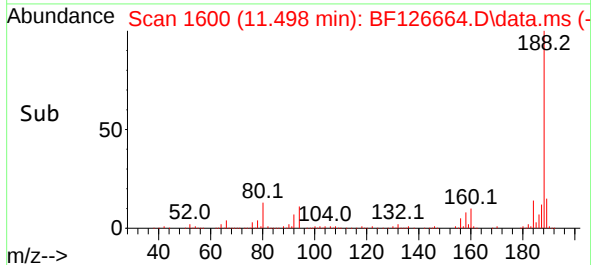
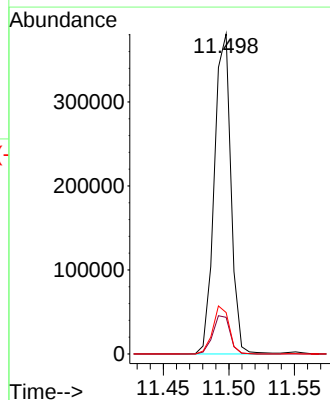
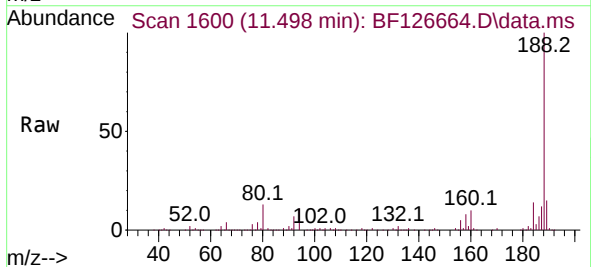
Instrument :
BNA_F
ClientSampleId :
RT4743

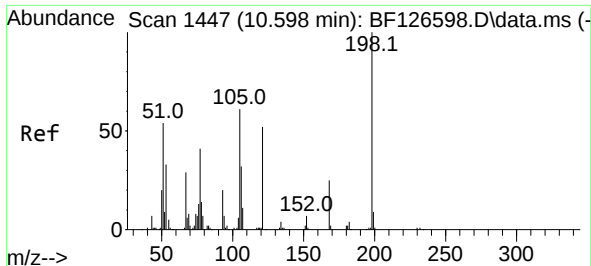
Tgt Ion:165 Resp: 26560
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

Tgt Ion:188 Resp: 335372
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 13.0 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.524 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.188 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743

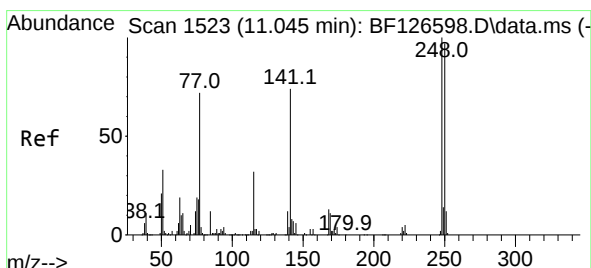
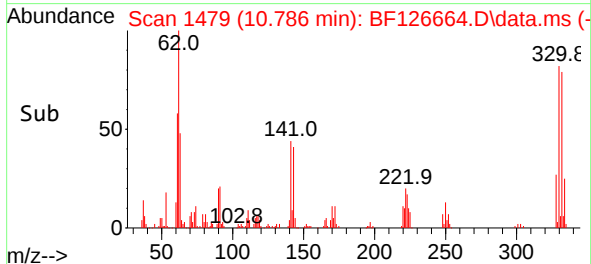
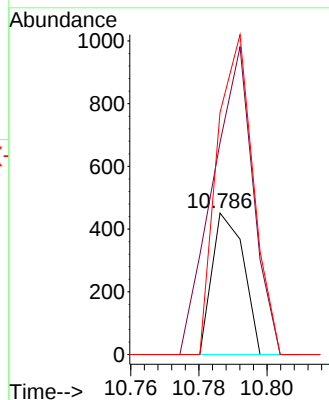
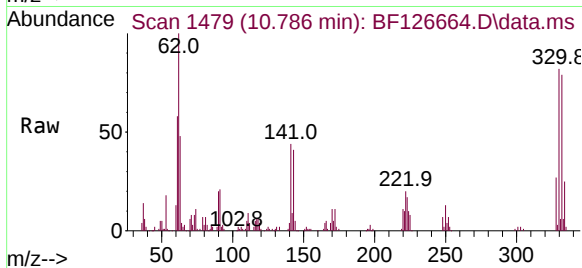
Tgt Ion:198 Resp: 289

Ion Ratio Lower Upper

198 100

51 149.9 32.0 72.0#

105 171.2 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.852 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.253 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

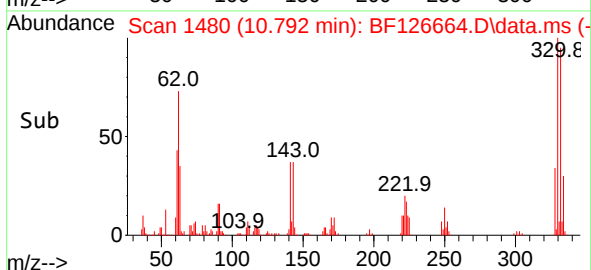
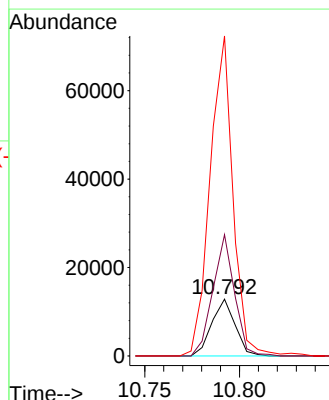
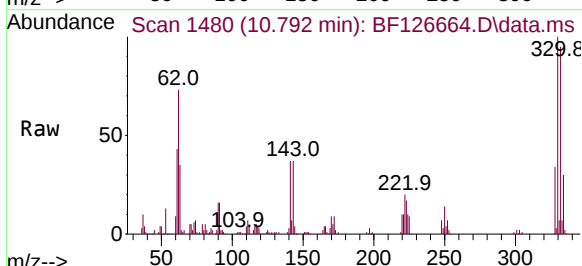
Tgt Ion:248 Resp: 11022

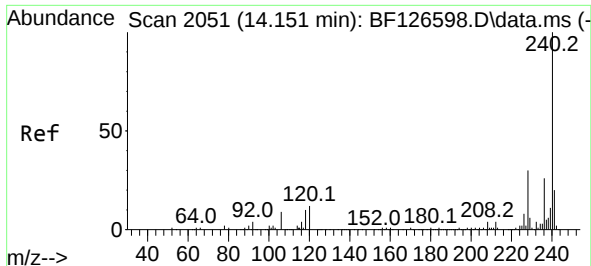
Ion Ratio Lower Upper

248 100

250 213.4 76.2 114.4#

141 563.0 66.2 99.4#

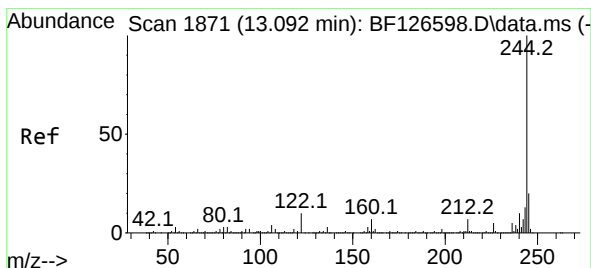
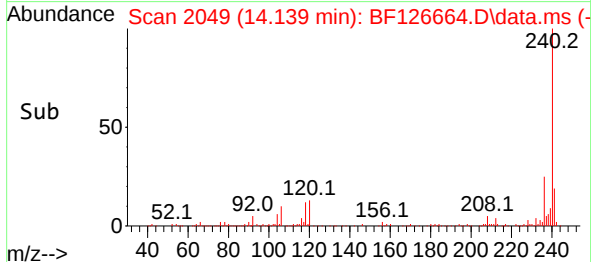
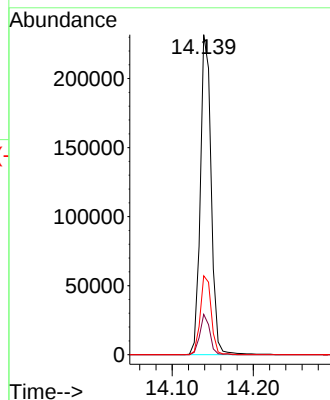
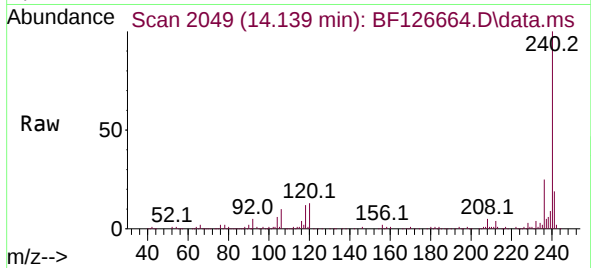




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

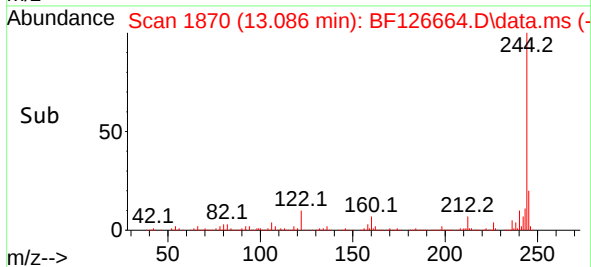
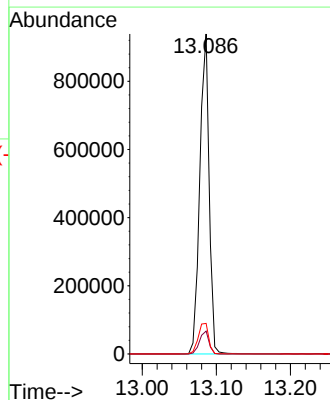
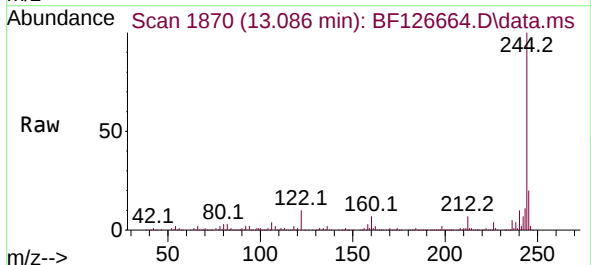
Instrument :
BNA_F
ClientSampleId :
RT4743

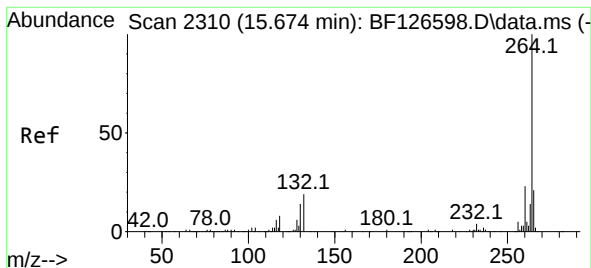
Tgt Ion:240 Resp: 214738
Ion Ratio Lower Upper
240 100
120 12.6 14.4 21.6#
236 24.6 20.5 30.7



#79
Terphenyl-d14
Concen: 63.823 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126664.D
Acq: 25 Jan 2022 15:36

Tgt Ion:244 Resp: 817113
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 9.6 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743

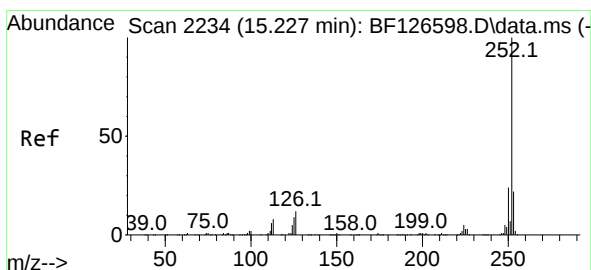
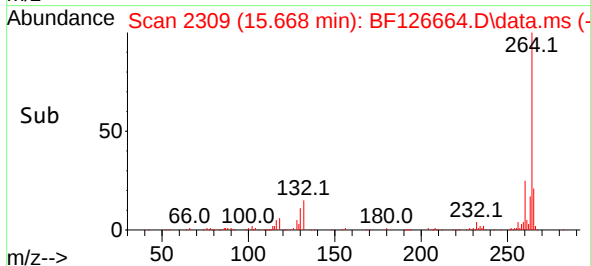
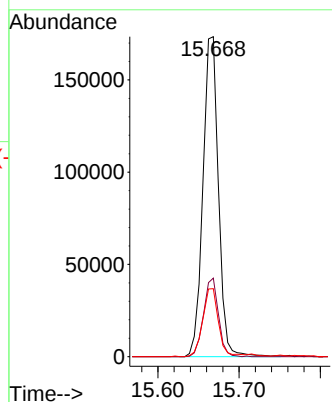
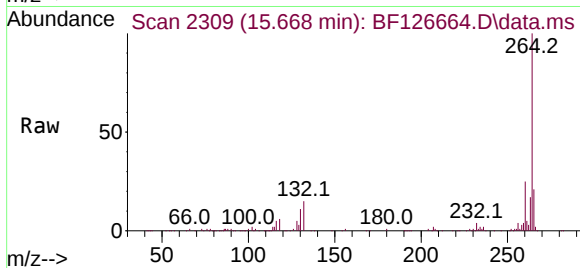
Tgt Ion:264 Resp: 230228

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.2 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.634 ng

RT: 15.209 min Scan# 2231

Delta R.T. -0.018 min

Lab File: BF126664.D

Acq: 25 Jan 2022 15:36

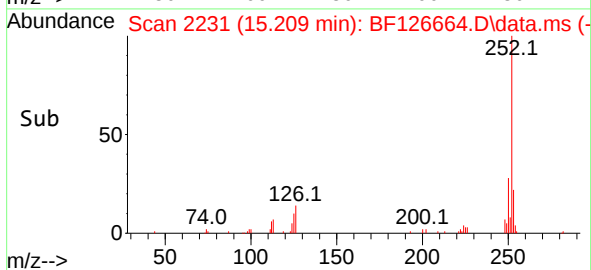
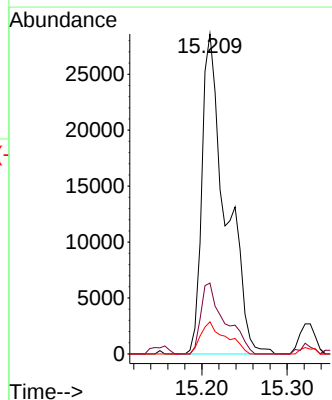
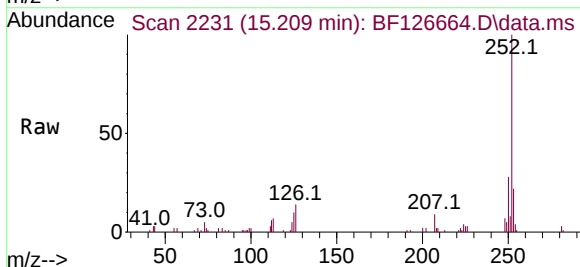
Tgt Ion:252 Resp: 55477

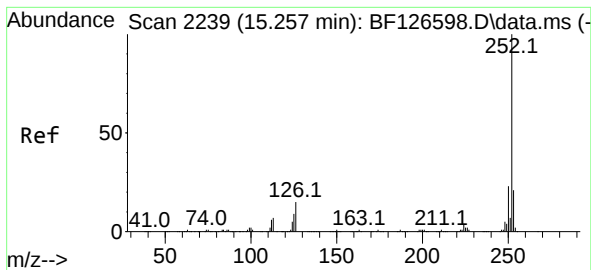
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.0 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 3.701 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF126664.D

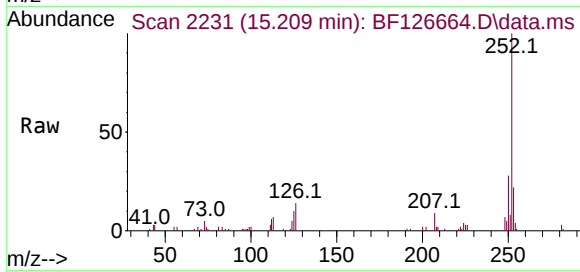
Acq: 25 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

RT4743



Tgt Ion:252 Resp: 55477

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 11.8 17.6#

