

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126681.D
 Acq On : 26 Jan 2022 12:37
 Operator : CG/JU
 Sample : PB142208TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142208TB

Quant Time: Jan 27 03:11:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

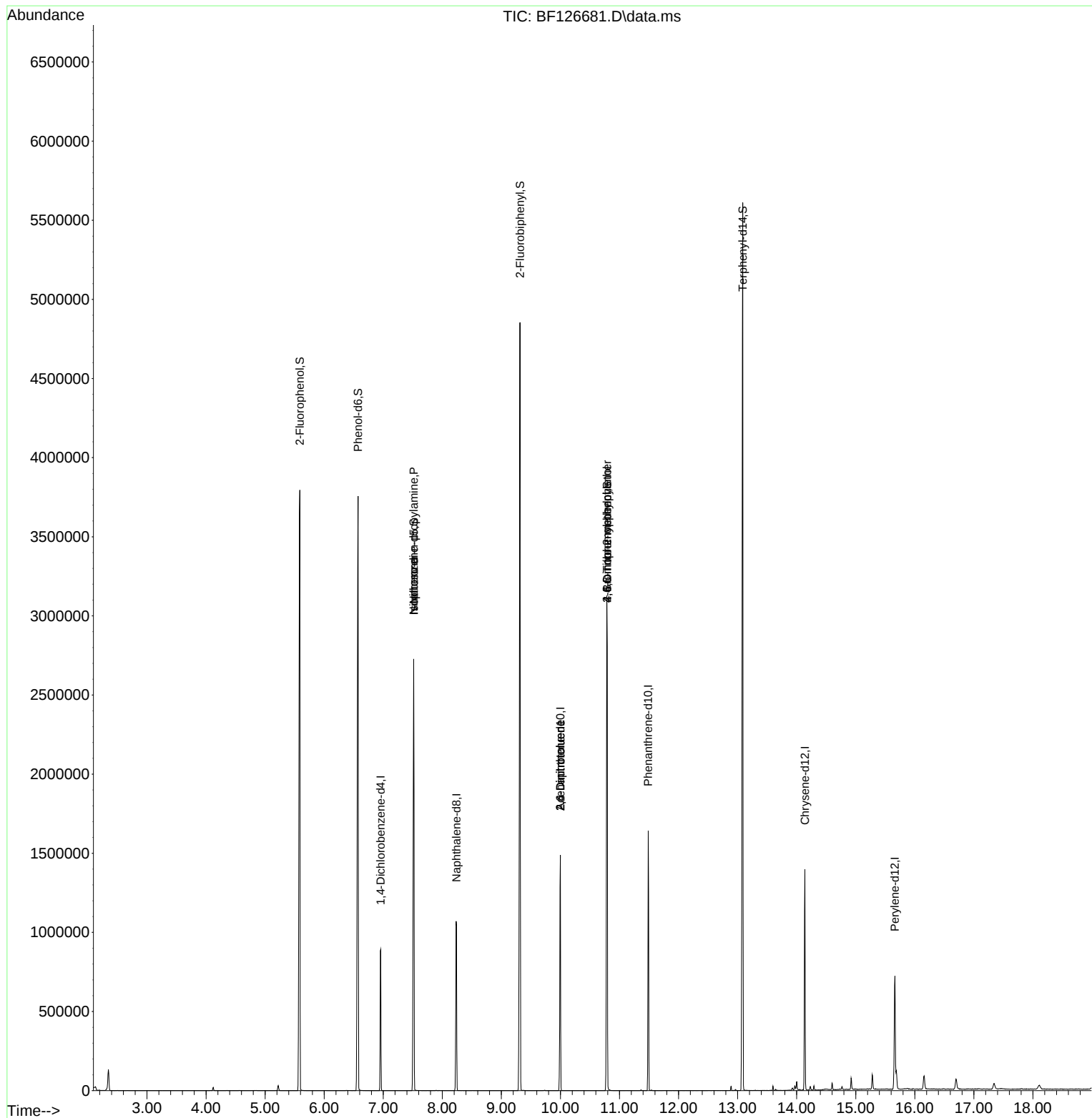
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	123975	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	505438	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	289896	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	529159	20.000	ng	0.00
76) Chrysene-d12	14.139	240	448207	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	328228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1129173	119.853	ng	0.02
7) Phenol-d6	6.575	99	1525619	116.550	ng	0.00
23) Nitrobenzene-d5	7.516	82	1141170	88.372	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	376381	138.734	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1489578	78.693	ng	0.00
79) Terphenyl-d14	13.086	244	1994968	74.655	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2851	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	154932	16.217	ng	# 71
25) Isophorone	7.516	82	1131964	45.201	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	36207	10.191	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	36207	8.410	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	885	7.668	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	25230	4.137	ng	# 1

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

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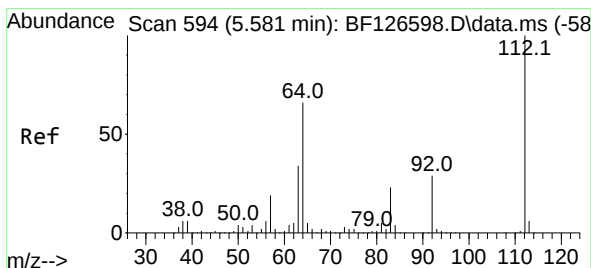
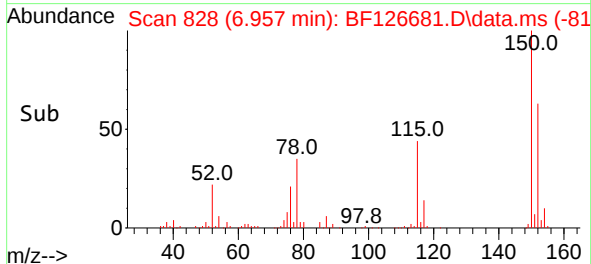
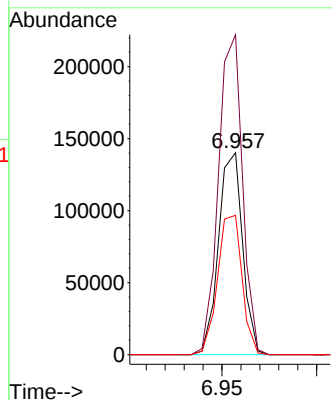
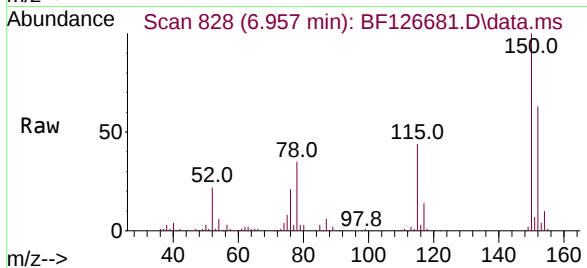




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

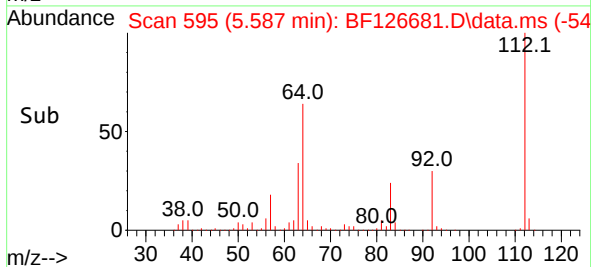
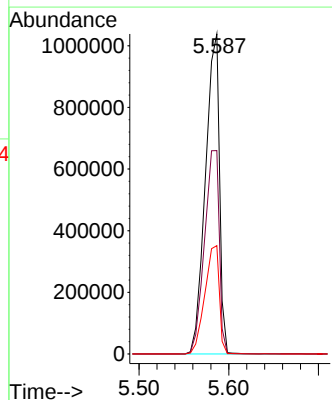
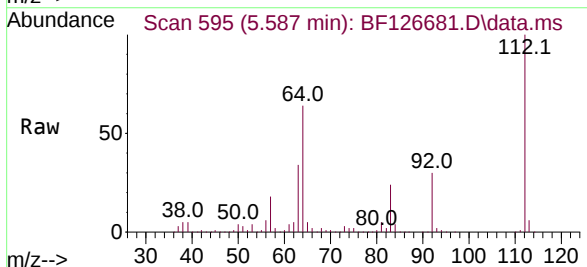
Instrument :
BNA_F
ClientSampleId :
PB142208TB

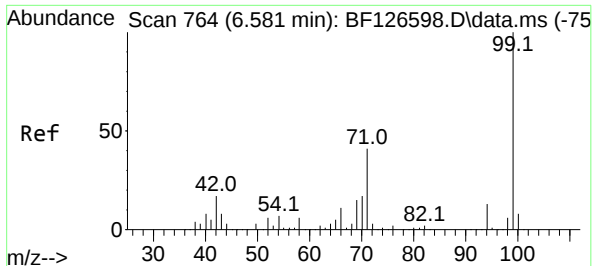
Tgt Ion:152 Resp: 123975
Ion Ratio Lower Upper
152 100
150 158.5 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 119.853 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

Tgt Ion:112 Resp: 1129173
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 33.8 23.9 35.9





#7

Phenol-d6

Concen: 116.550 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126681.D

Acq: 26 Jan 2022 12:37

Instrument :

BNA_F

ClientSampleId :

PB142208TB

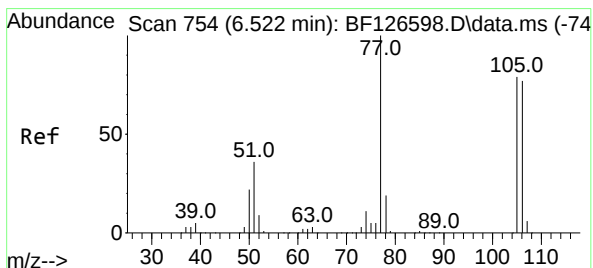
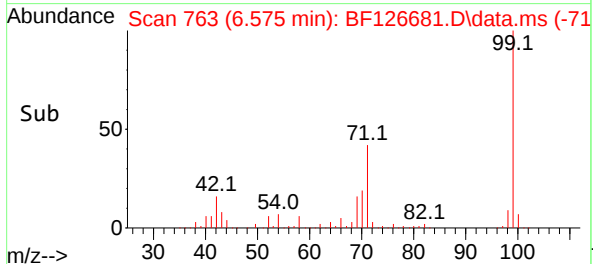
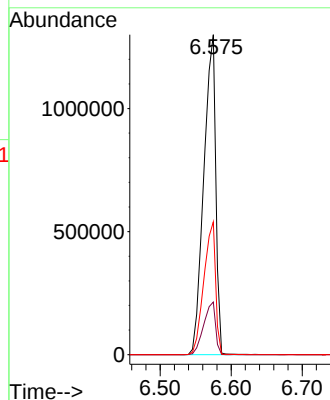
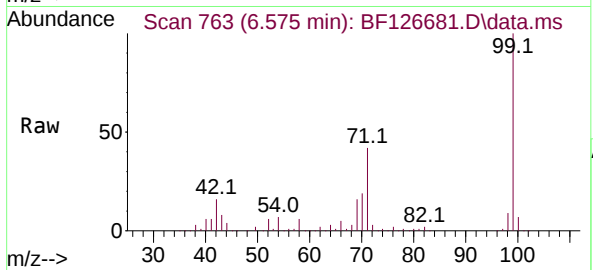
Tgt Ion: 99 Resp: 1525619

Ion Ratio Lower Upper

99 100

42 16.4 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. 0.065 min

Lab File: BF126681.D

Acq: 26 Jan 2022 12:37

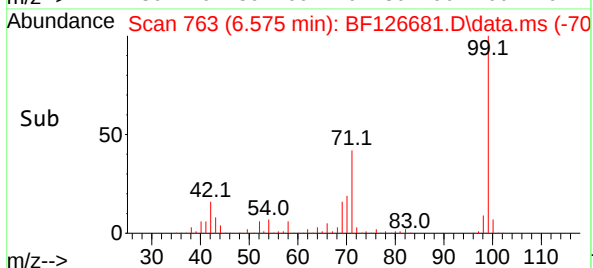
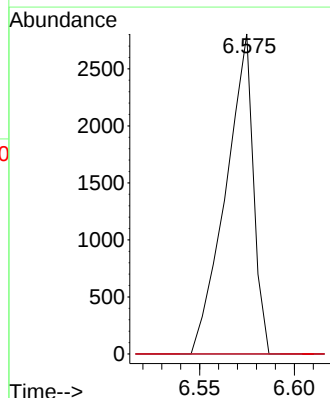
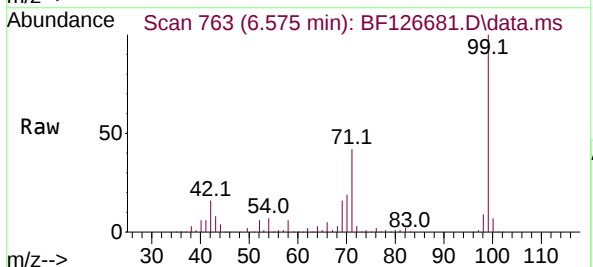
Tgt Ion: 77 Resp: 2851

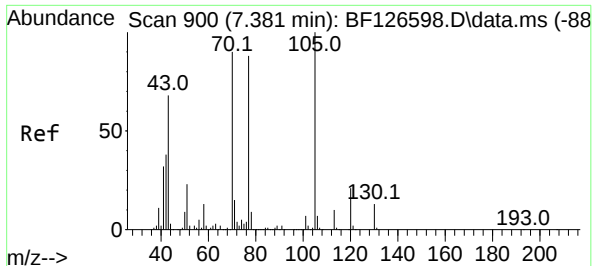
Ion Ratio Lower Upper

77 100

105 0.0 74.9 114.9#

106 0.0 72.4 112.4#





#19

n-Nitroso-di-n-propylamine

Concen: 16.217 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF126681.D

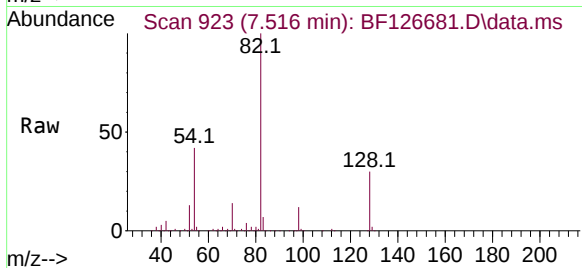
Acq: 26 Jan 2022 12:37

Instrument :

BNA_F

ClientSampleId :

PB142208TB



Tgt Ion: 70 Resp: 154932

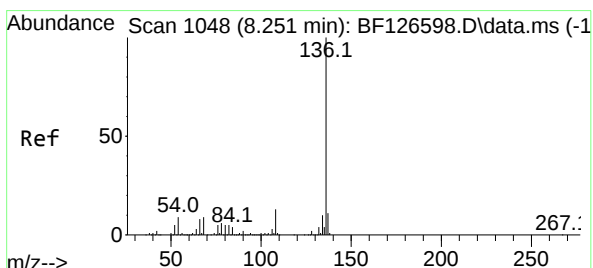
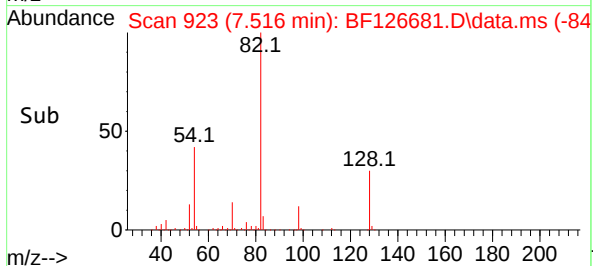
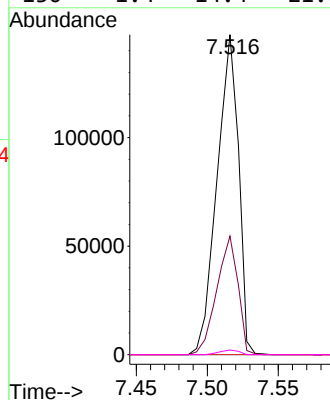
Ion Ratio Lower Upper

70 100

42 37.0 45.8 68.8#

101 0.0 6.9 10.3#

130 1.4 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF126681.D

Acq: 26 Jan 2022 12:37

Tgt Ion: 136 Resp: 505438

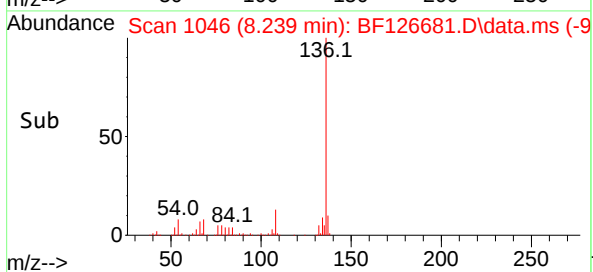
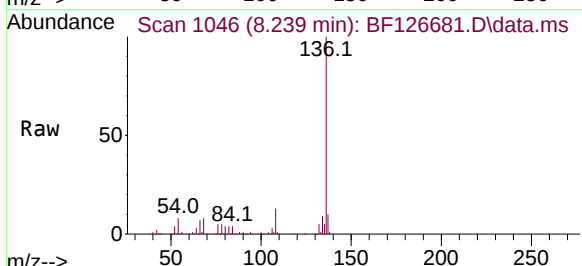
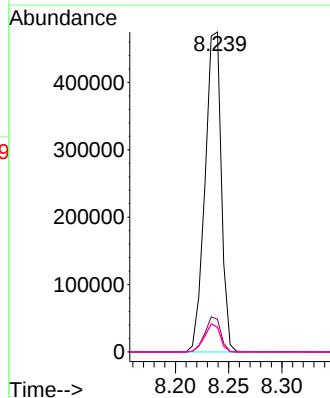
Ion Ratio Lower Upper

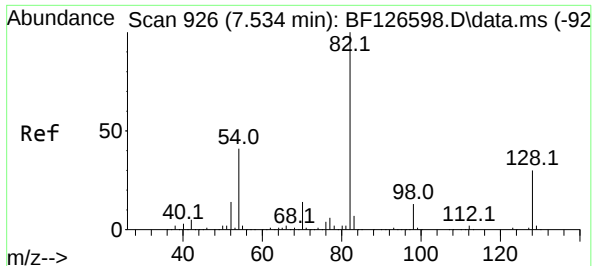
136 100

137 10.2 8.6 13.0

54 7.8 7.8 11.6

68 7.7 6.3 9.5

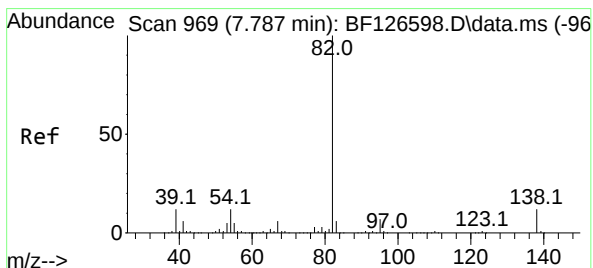
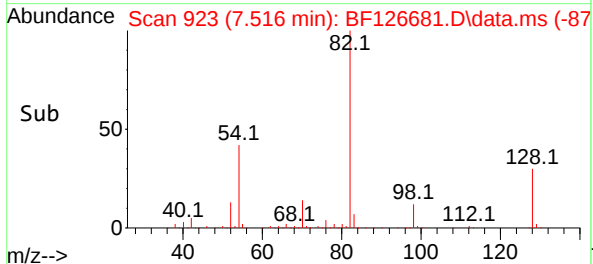
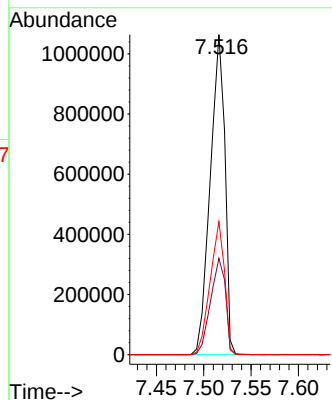
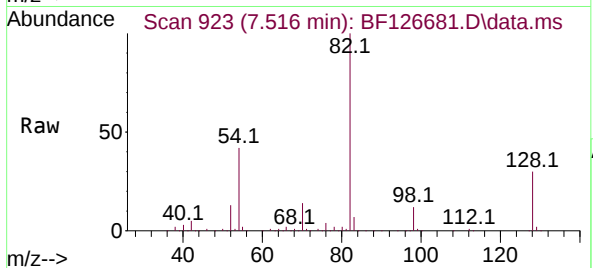




#23
Nitrobenzene-d5
Concen: 88.372 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

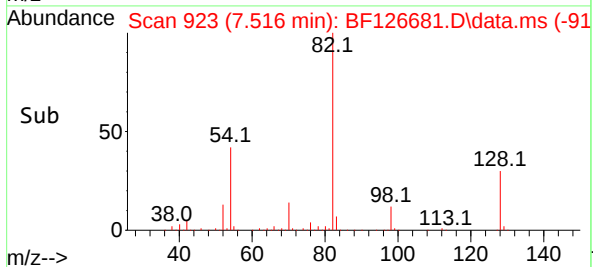
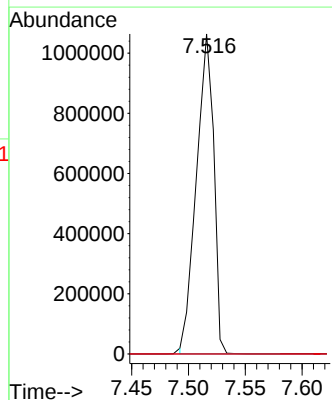
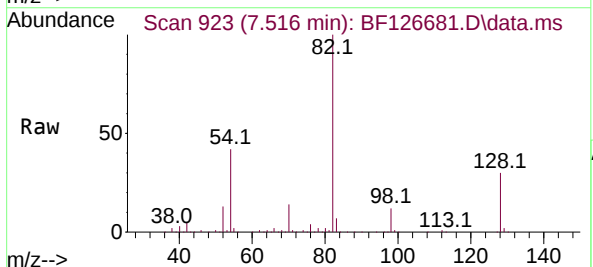
Instrument :
BNA_F
ClientSampleId :
PB142208TB

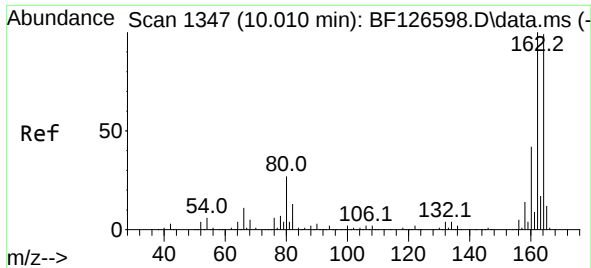
Tgt Ion: 82 Resp: 1141170
Ion Ratio Lower Upper
82 100
128 30.1 32.7 49.1#
54 41.6 41.7 62.5#



#25
Isophorone
Concen: 45.201 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

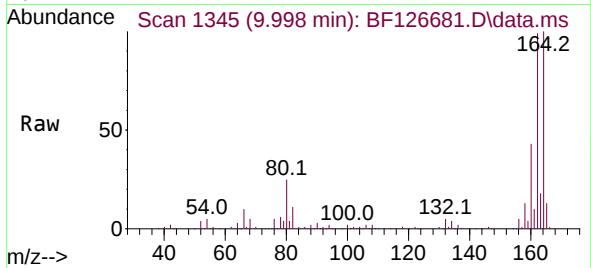
Tgt Ion: 82 Resp: 1131964
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



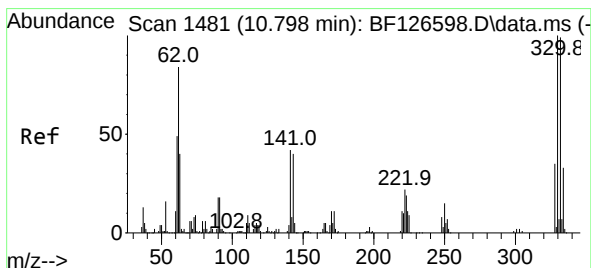
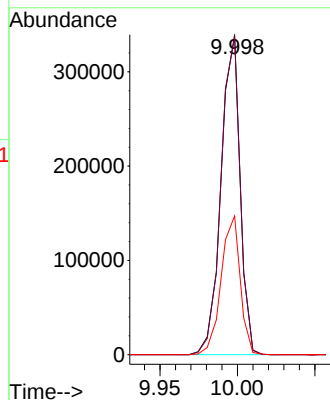
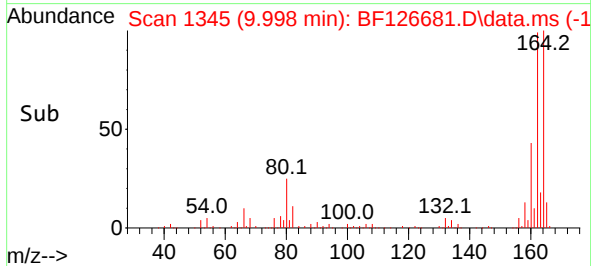


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

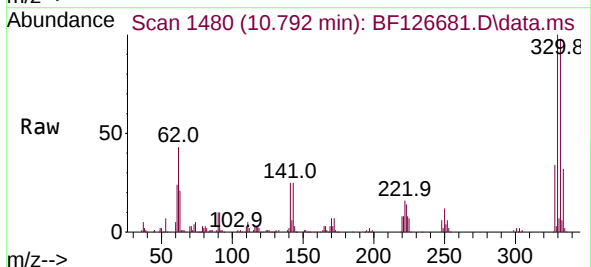
Instrument :
BNA_F
ClientSampleId :
PB142208TB



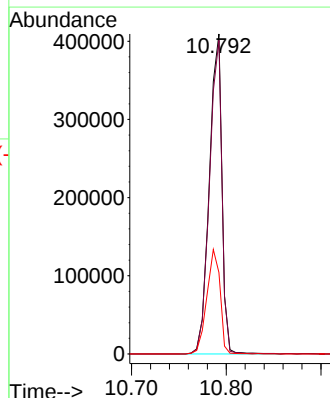
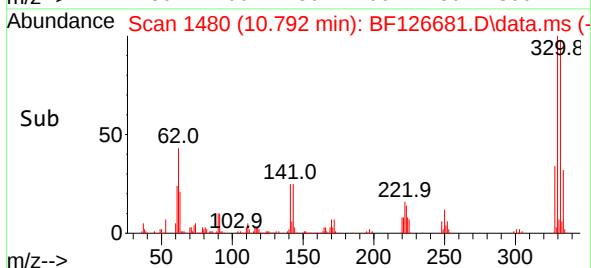
Tgt Ion:164 Resp: 289896
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 43.3 36.6 54.8

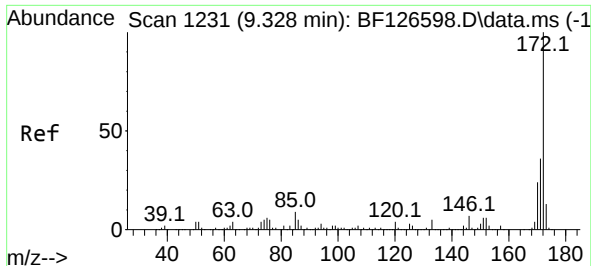


#42
2,4,6-Tribromophenol
Concen: 138.734 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37



Tgt Ion:330 Resp: 376381
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 78.693 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126681.D

Acq: 26 Jan 2022 12:37

Instrument :

BNA_F

ClientSampleId :

PB142208TB

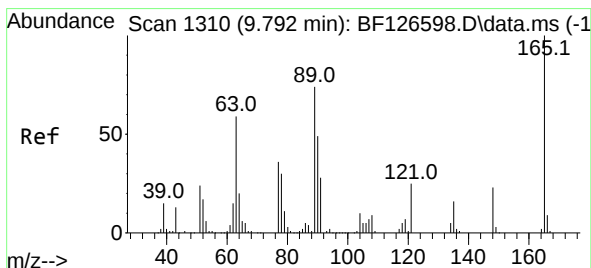
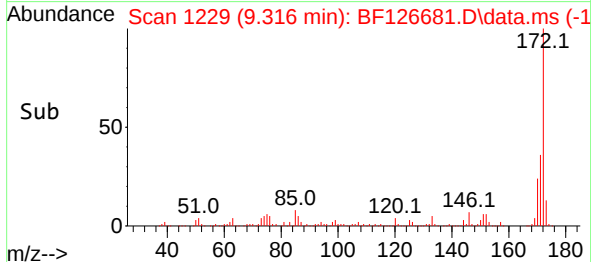
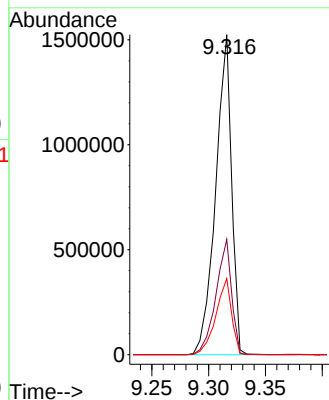
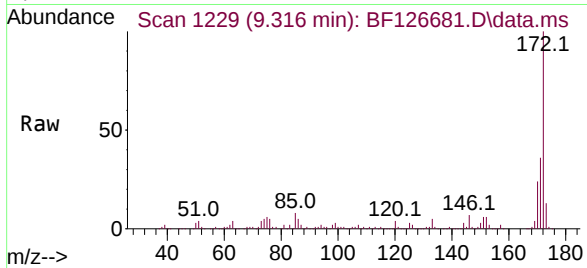
Tgt Ion:172 Resp: 1489578

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.191 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126681.D

Acq: 26 Jan 2022 12:37

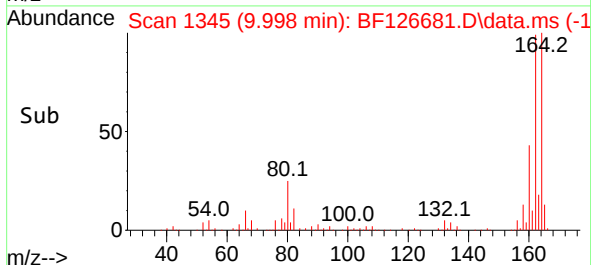
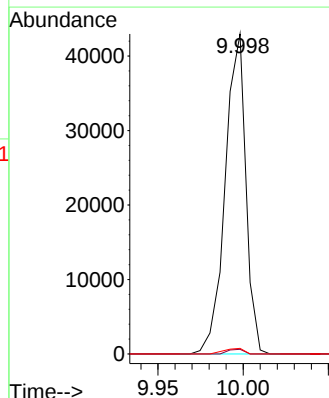
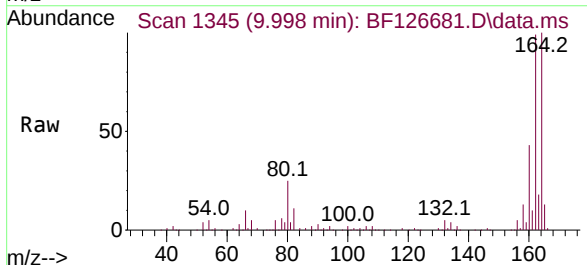
Tgt Ion:165 Resp: 36207

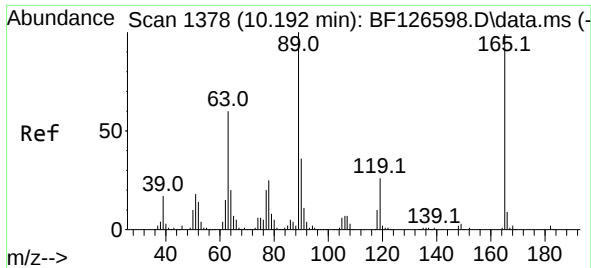
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.8 50.5 75.7#

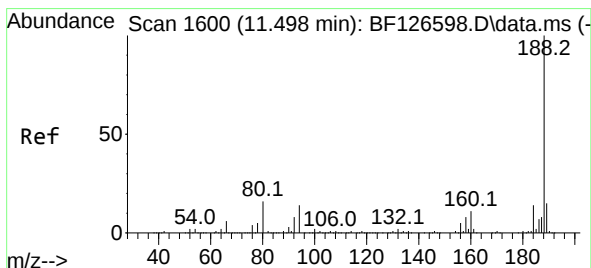
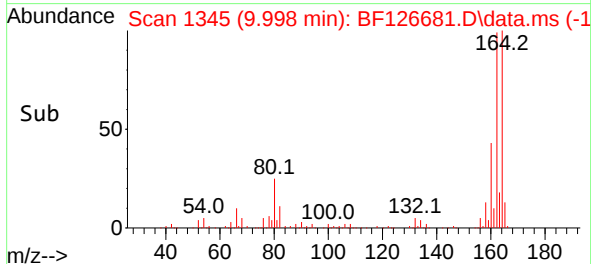
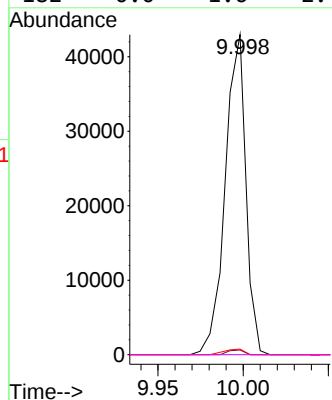
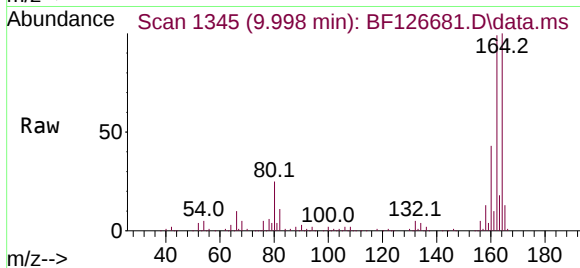




#57
2,4-Dinitrotoluene
Concen: 8.410 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

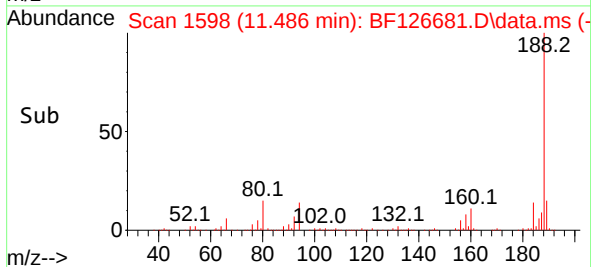
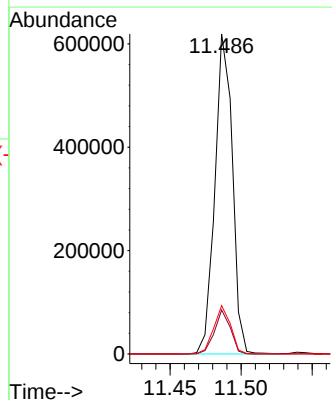
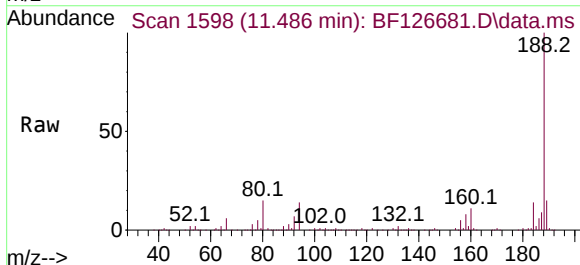
Instrument :
BNA_F
ClientSampleId :
PB142208TB

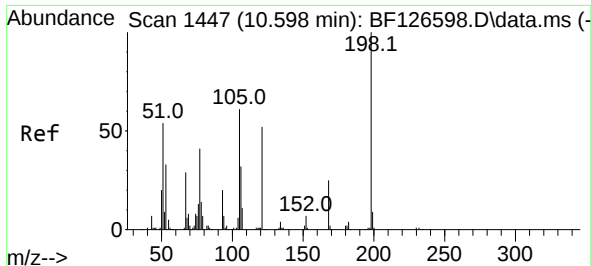
Tgt Ion:165 Resp: 36207
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

Tgt Ion:188 Resp: 529159
Ion Ratio Lower Upper
188 100
94 13.7 10.1 15.1
80 15.1 11.8 17.6

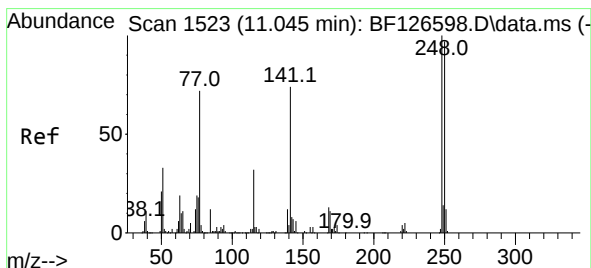
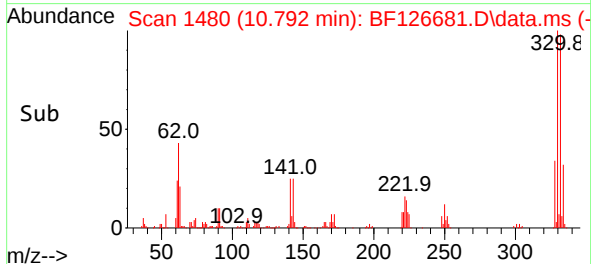
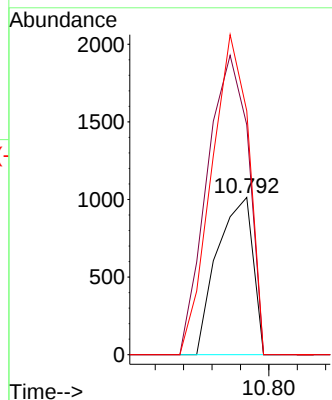
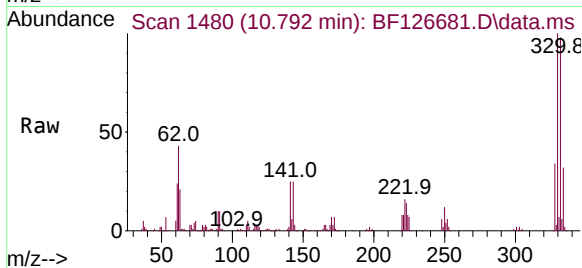




#65
4,6-Dinitro-2-methylphenol
Concen: 7.668 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

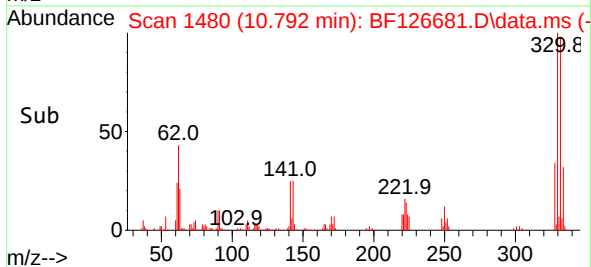
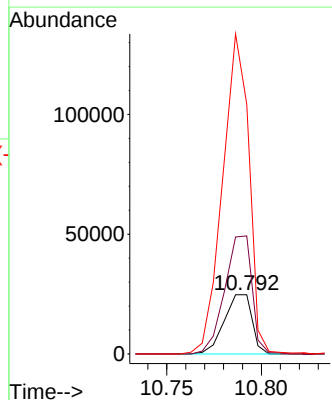
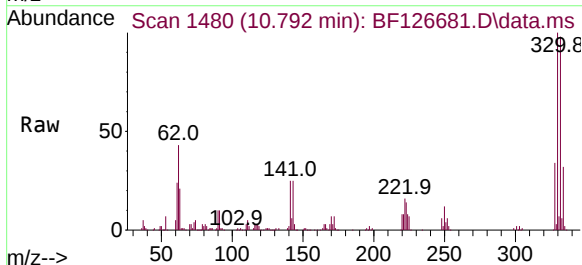
Instrument :
BNA_F
ClientSampleId :
PB142208TB

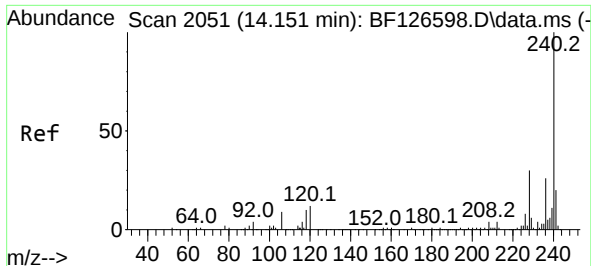
Tgt Ion:198 Resp: 885
Ion Ratio Lower Upper
198 100
51 146.3 32.0 72.0#
105 155.1 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.137 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

Tgt Ion:248 Resp: 25230
Ion Ratio Lower Upper
248 100
250 199.2 76.2 114.4#
141 421.3 66.2 99.4#

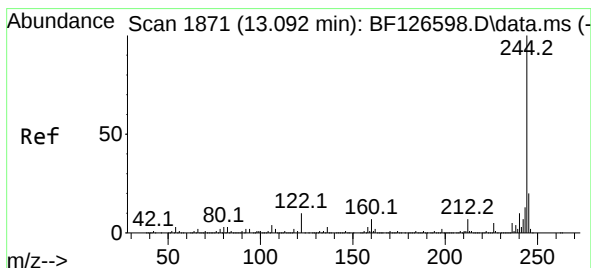
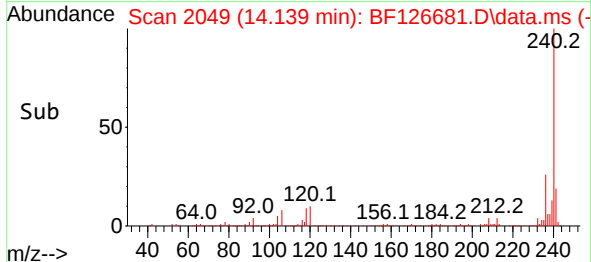
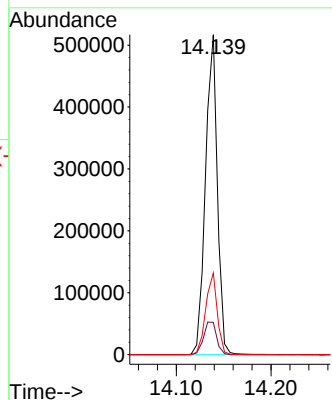
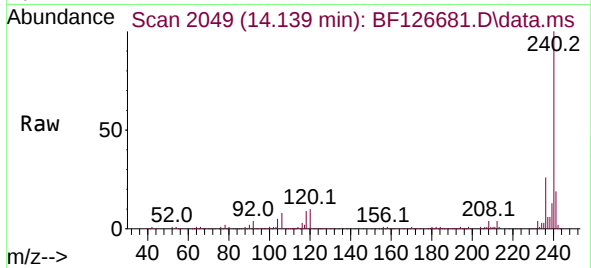




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

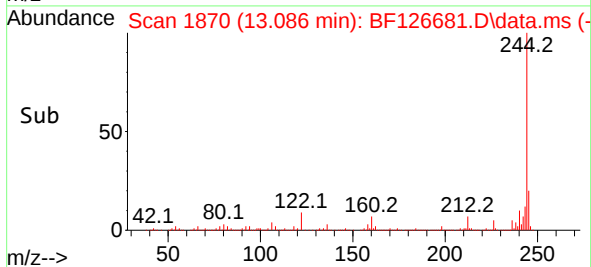
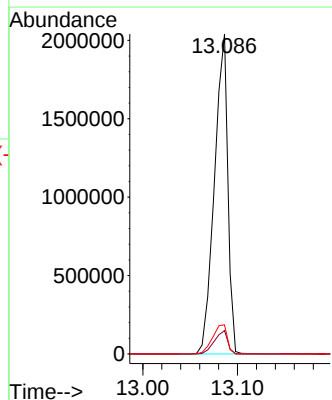
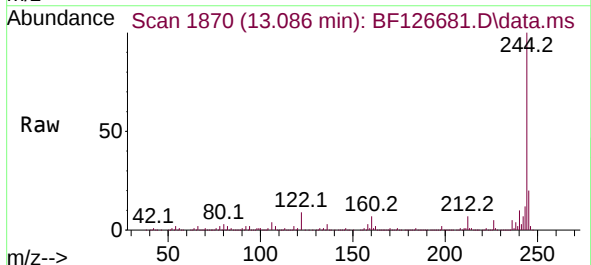
Instrument :
BNA_F
ClientSampleId :
PB142208TB

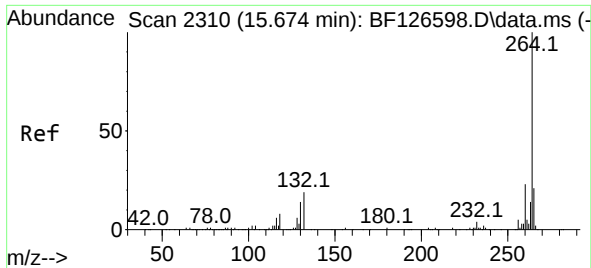
Tgt Ion:240 Resp: 448207
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 74.655 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

Tgt Ion:244 Resp: 1994968
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 9.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126681.D
Acq: 26 Jan 2022 12:37

Instrument :
BNA_F
ClientSampleId :
PB142208TB

Tgt Ion:264	Resp:	328228
Ion	Ratio	Lower Upper
264	100	
260	24.9	19.2 28.8
265	20.6	17.4 26.2

