

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126680.D
 Acq On : 26 Jan 2022 12:10
 Operator : CG/JU
 Sample : PB142268BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142268BL

Quant Time: Jan 27 03:11:46 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)

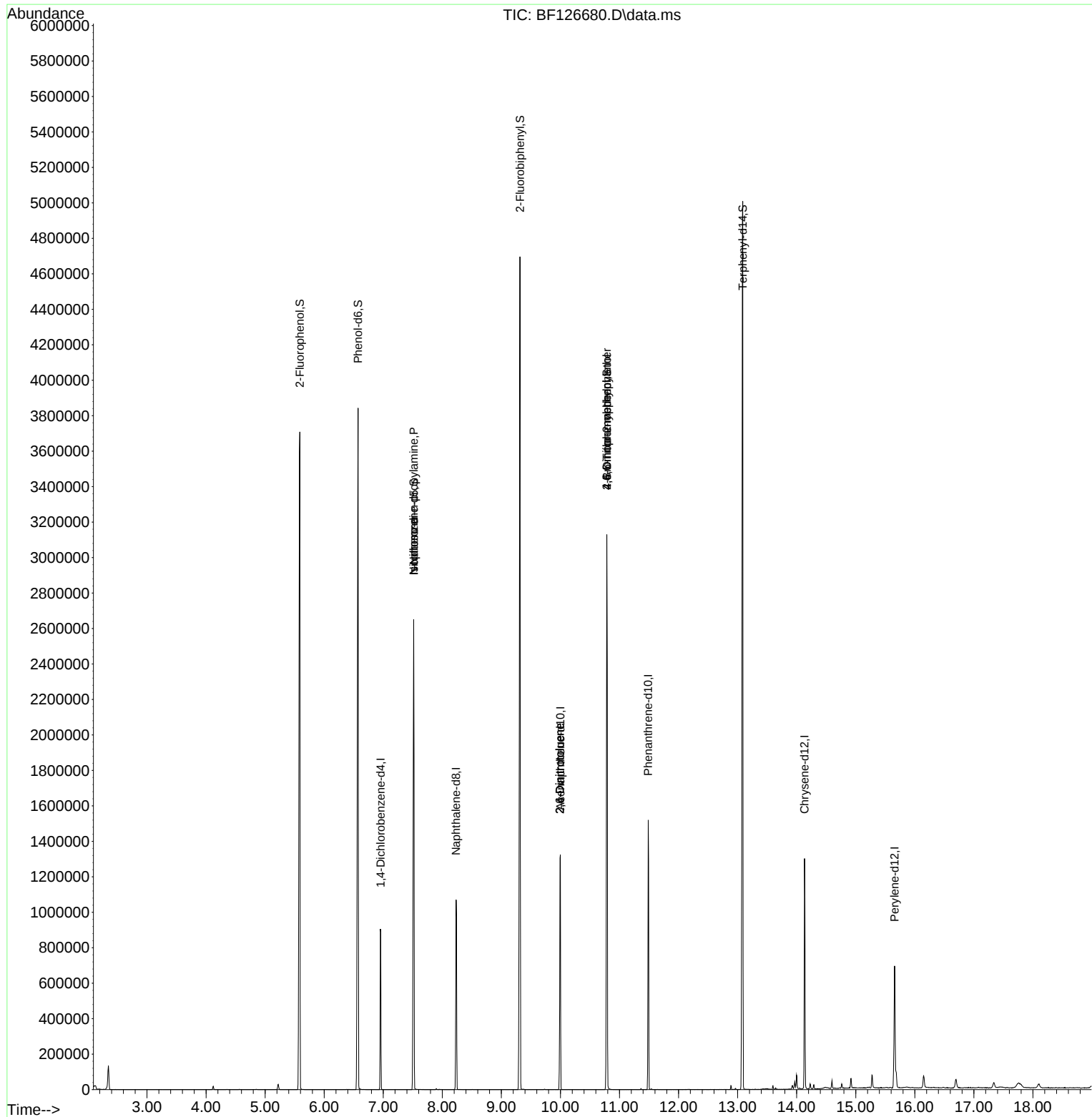
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	120697	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	491309	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278279	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	506997	20.000	ng	0.00
76) Chrysene-d12	14.133	240	423590	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	305517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1110870	121.113	ng	0.02
7) Phenol-d6	6.575	99	1494522	117.275	ng	0.00
23) Nitrobenzene-d5	7.516	82	1120123	89.237	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	357290	137.194	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1462811	80.505	ng	0.00
79) Terphenyl-d14	13.086	244	1924415	76.200	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.575	77	2267	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	153962	16.553	ng	# 70
25) Isophorone	7.516	82	1117957	45.925	ng	# 69
51) 2,6-Dinitrotoluene	9.992	165	36166	10.604	ng	# 21
57) 2,4-Dinitrotoluene	9.992	165	36166	8.751	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	771	7.641	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	23601	4.039	ng	# 1

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

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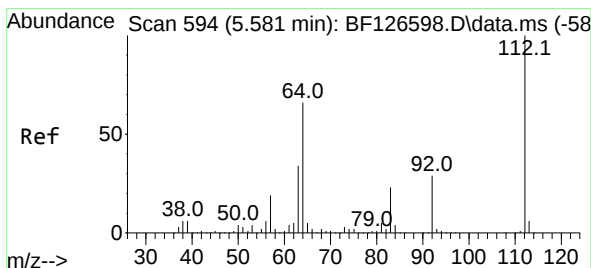
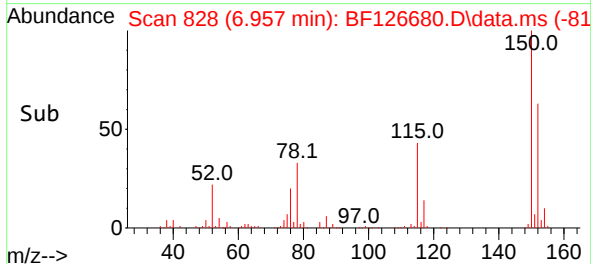
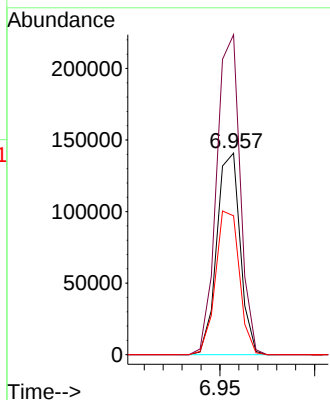
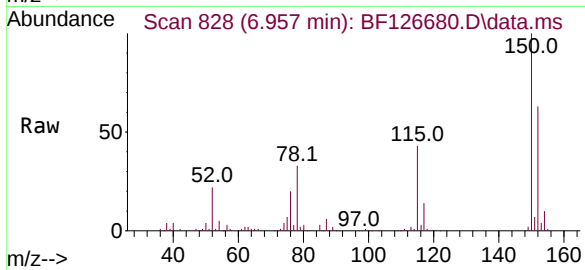




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

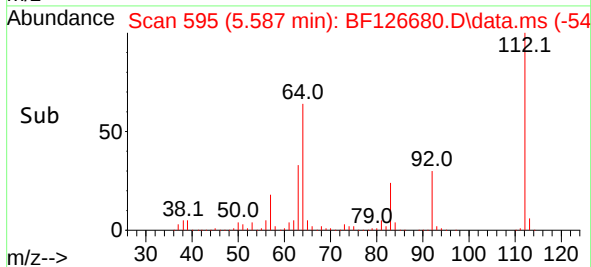
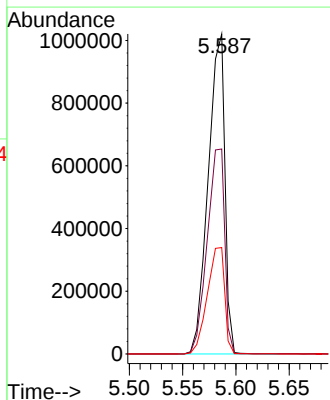
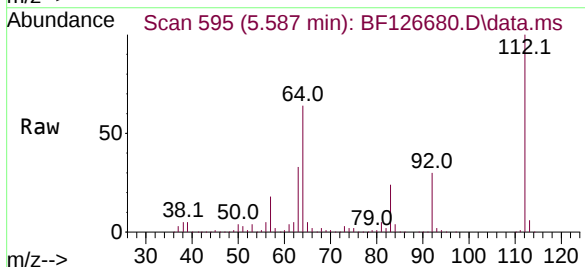
Instrument :
BNA_F
ClientSampleId :
PB142268BL

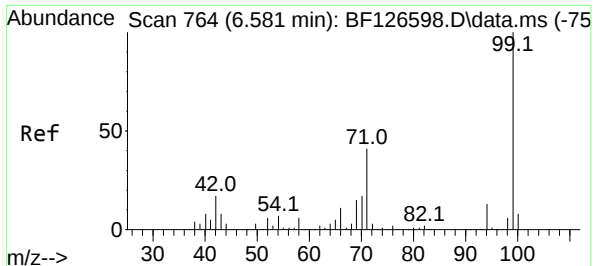
Tgt Ion:152 Resp: 120697
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 68.9 56.7 85.1



#5
2-Fluorophenol
Concen: 121.113 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

Tgt Ion:112 Resp: 1110870
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 33.2 23.9 35.9





#7

Phenol-d6

Concen: 117.275 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF126680.D

Acq: 26 Jan 2022 12:10

Instrument :

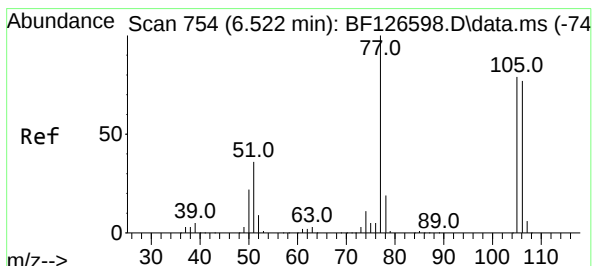
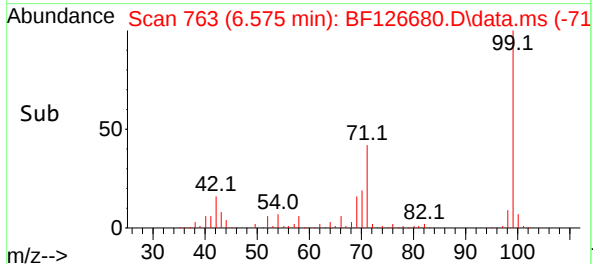
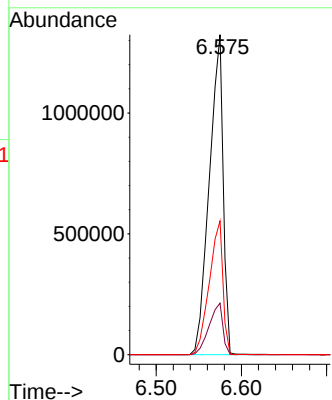
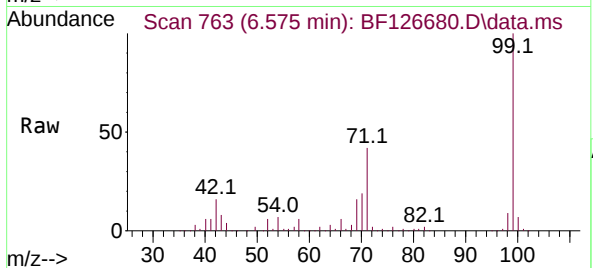
BNA_F

ClientSampleId :

PB142268BL

Tgt Ion: 99 Resp: 1494522

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.2	21.4
71	41.8	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

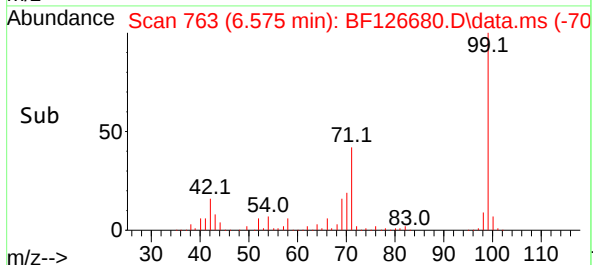
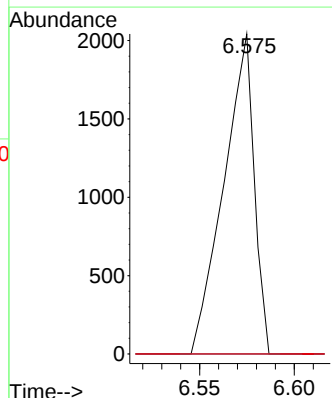
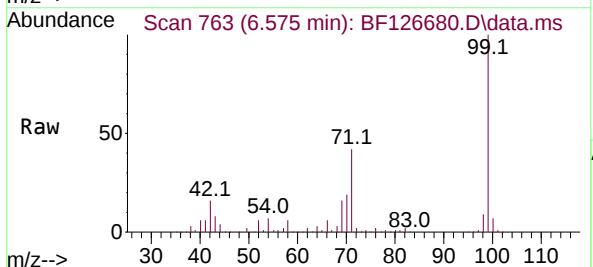
Delta R.T. 0.065 min

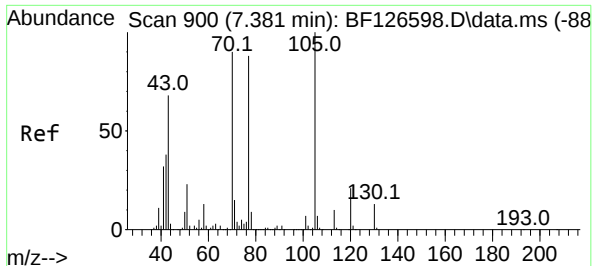
Lab File: BF126680.D

Acq: 26 Jan 2022 12:10

Tgt Ion: 77 Resp: 2267

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: 16.553 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF126680.D

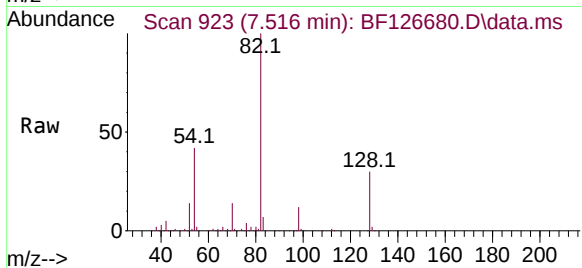
Acq: 26 Jan 2022 12:10

Instrument :

BNA_F

ClientSampleId :

PB142268BL



Tgt Ion: 70 Resp: 153962

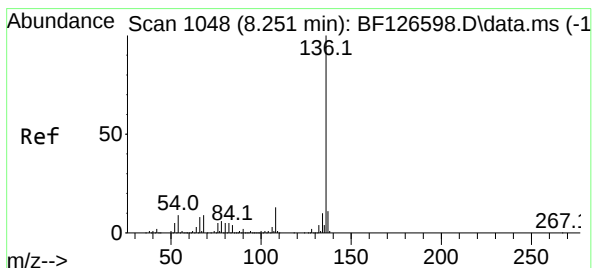
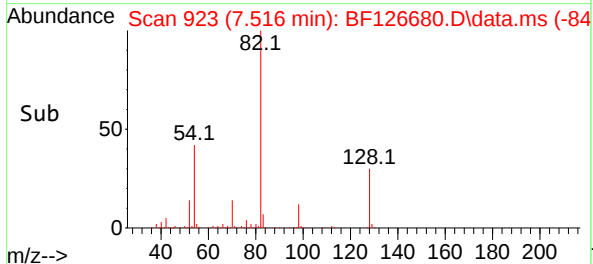
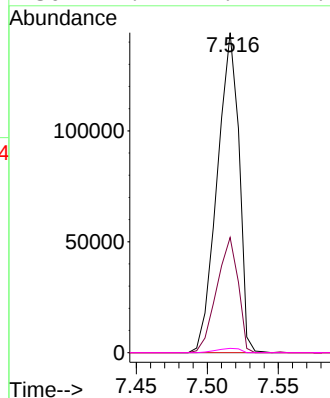
Ion Ratio Lower Upper

70 100

42 36.0 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: 8.234 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF126680.D

Acq: 26 Jan 2022 12:10

Tgt Ion: 136 Resp: 491309

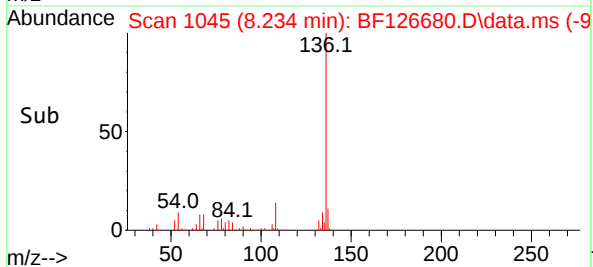
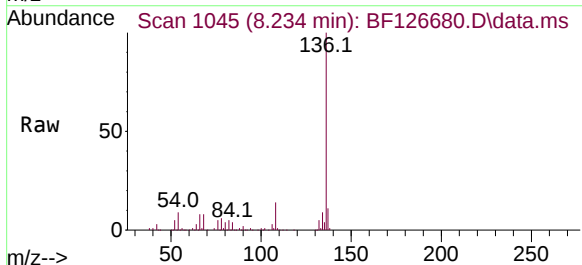
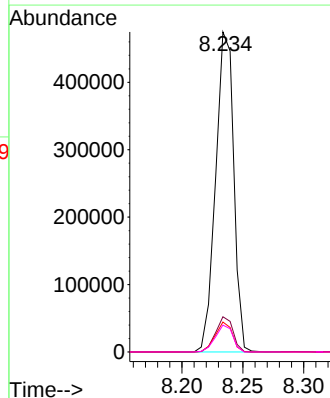
Ion Ratio Lower Upper

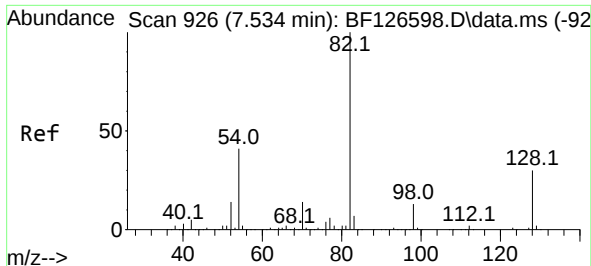
136 100

137 11.0 8.6 13.0

54 9.4 7.8 11.6

68 8.4 6.3 9.5

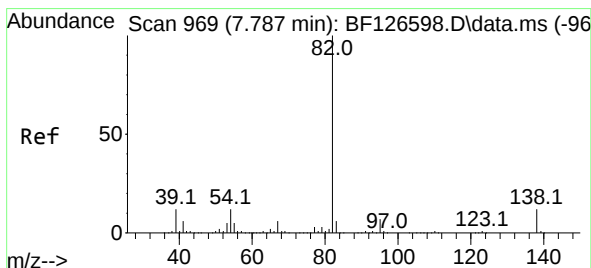
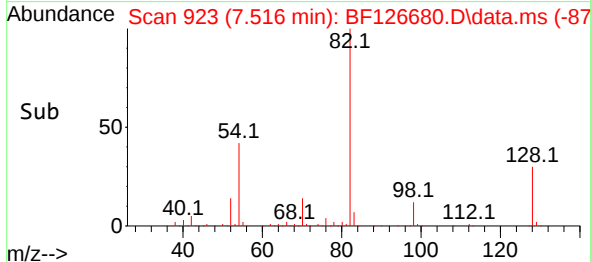
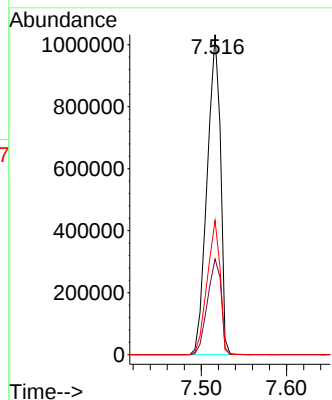
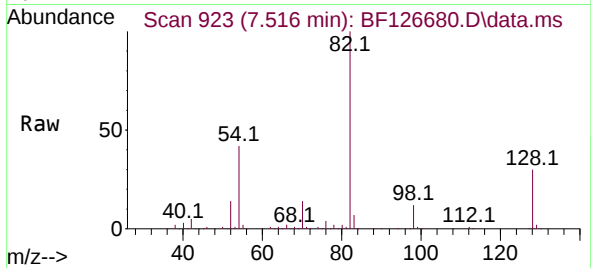




#23
Nitrobenzene-d5
Concen: 89.237 ng
RT: 7.516 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

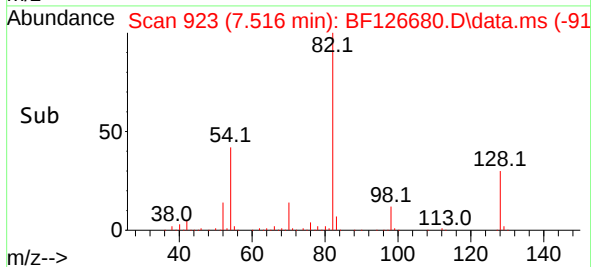
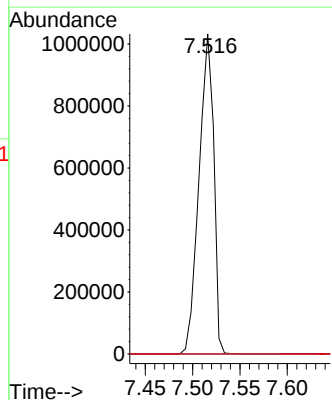
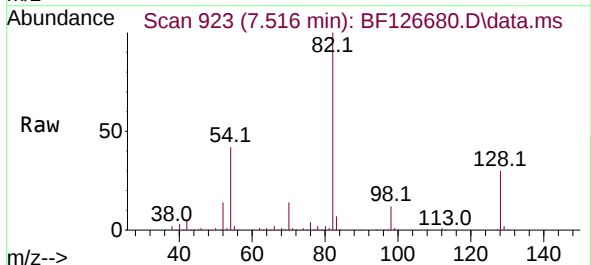
Instrument :
BNA_F
ClientSampleId :
PB142268BL

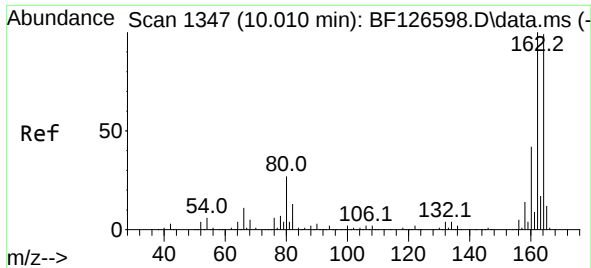
Tgt Ion: 82 Resp: 1120123
Ion Ratio Lower Upper
82 100
128 29.9 32.7 49.1#
54 42.0 41.7 62.5



#25
Isophorone
Concen: 45.925 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

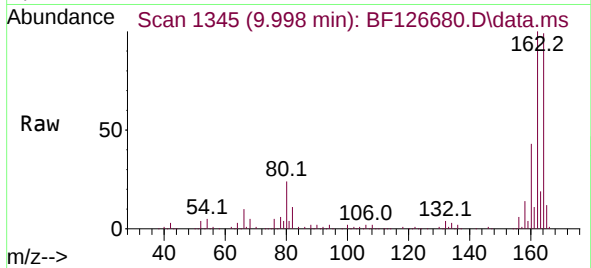
Tgt Ion: 82 Resp: 1117957
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



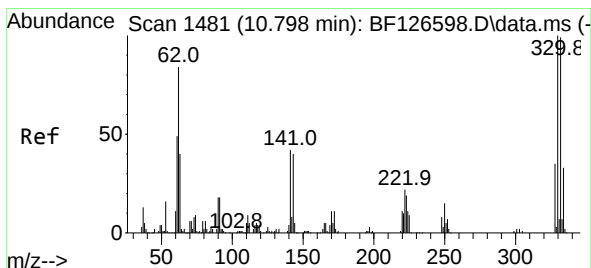
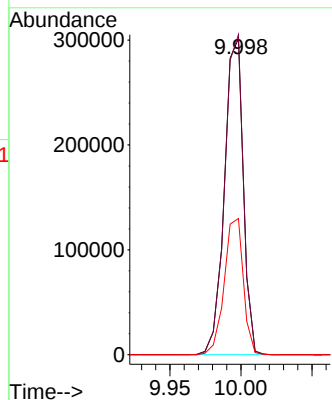
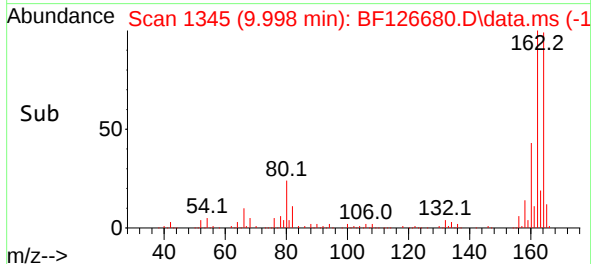


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

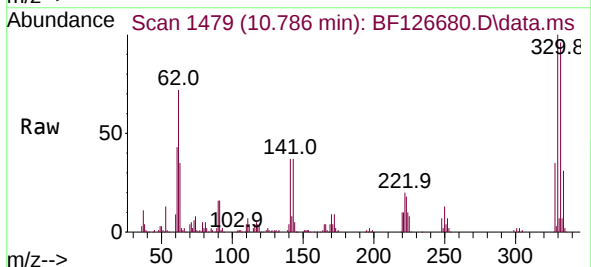
Instrument :
BNA_F
ClientSampleId :
PB142268BL



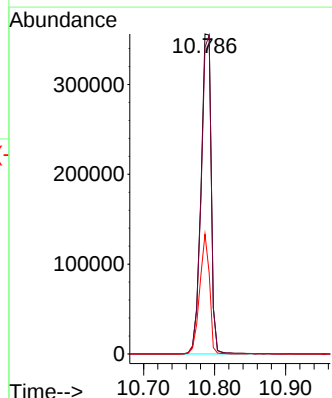
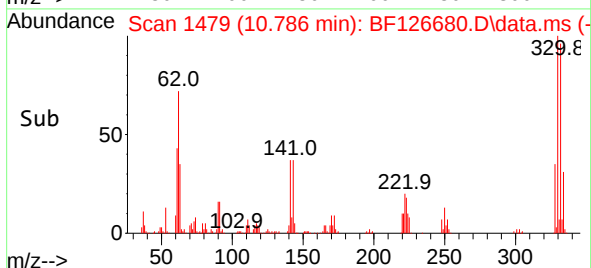
Tgt Ion:164 Resp: 278279
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.1 36.6 54.8

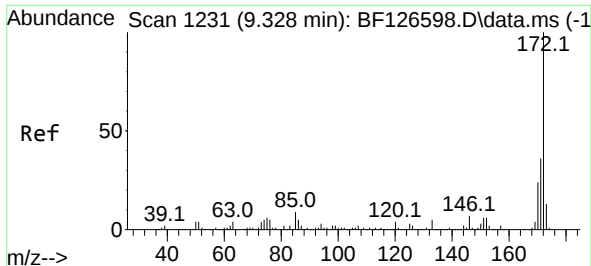


#42
2,4,6-Tribromophenol
Concen: 137.194 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10



Tgt Ion:330 Resp: 357290
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 35.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 80.505 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126680.D

Acq: 26 Jan 2022 12:10

Instrument :

BNA_F

ClientSampleId :

PB142268BL

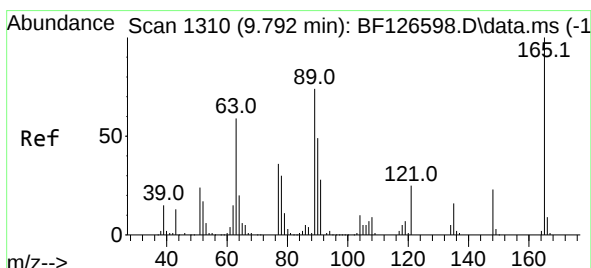
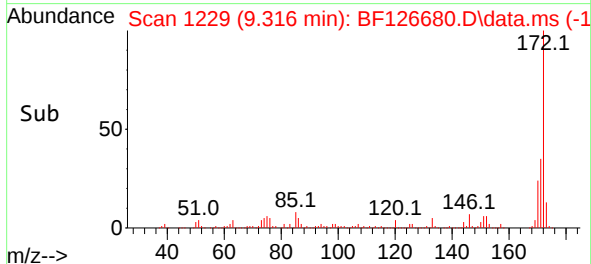
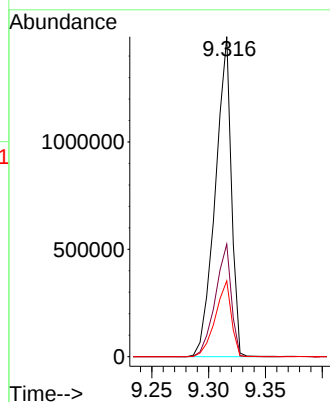
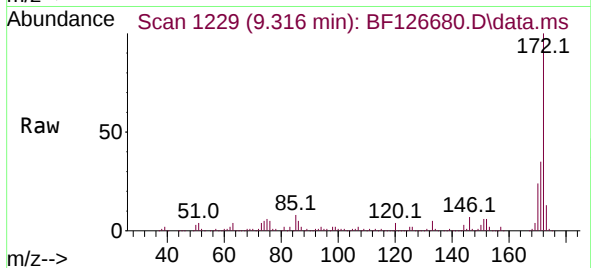
Tgt Ion:172 Resp: 1462811

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.604 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.212 min

Lab File: BF126680.D

Acq: 26 Jan 2022 12:10

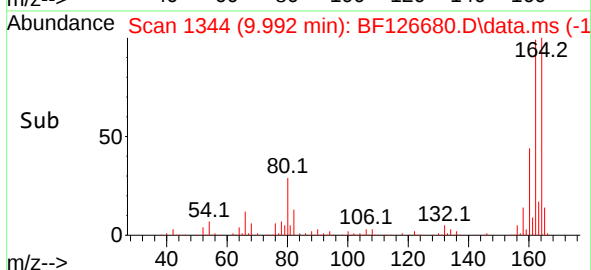
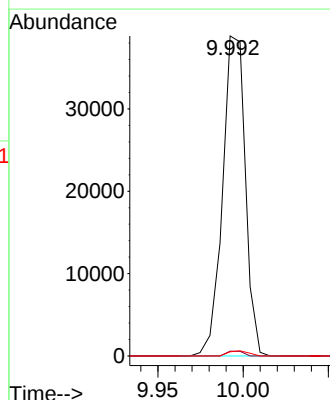
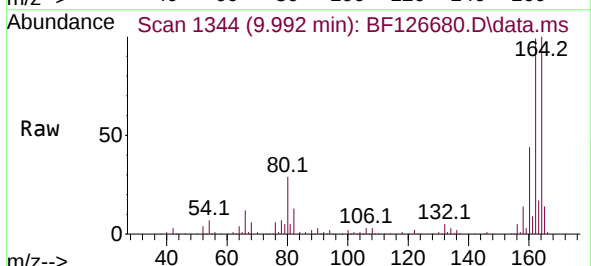
Tgt Ion:165 Resp: 36166

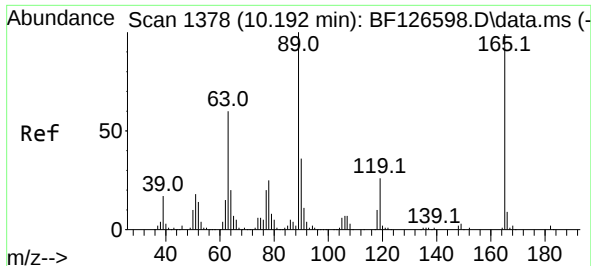
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.3 50.5 75.7#

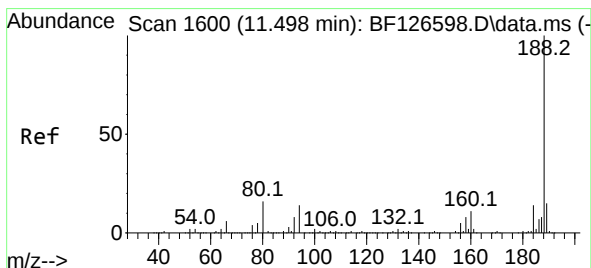
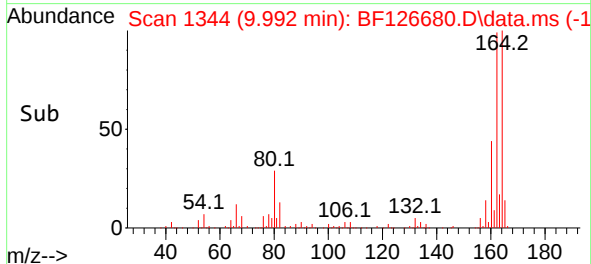
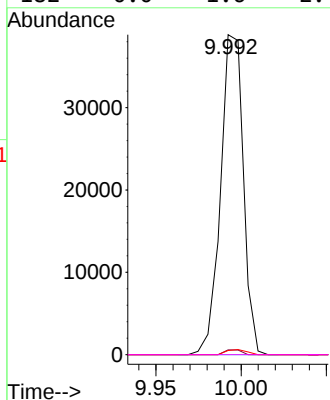
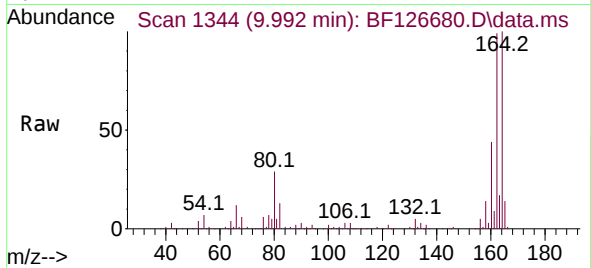




#57
2,4-Dinitrotoluene
Concen: 8.751 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

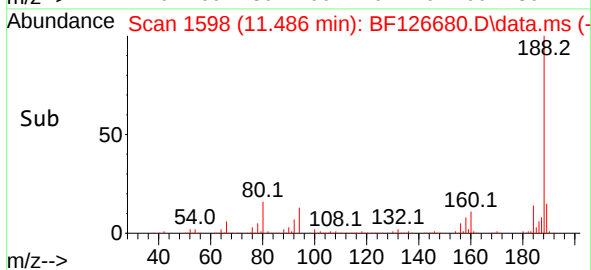
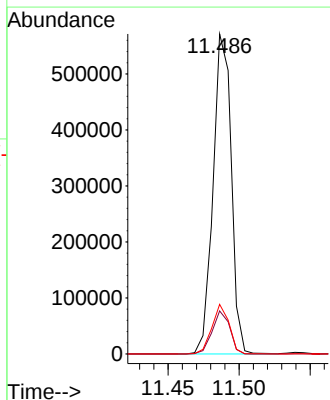
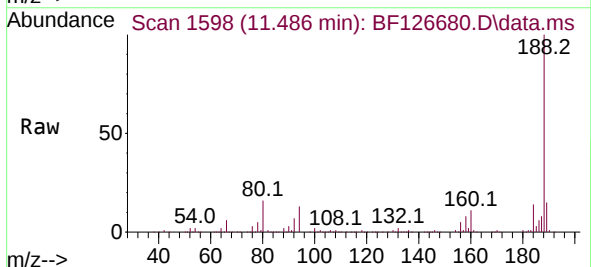
Instrument :
BNA_F
ClientSampleId :
PB142268BL

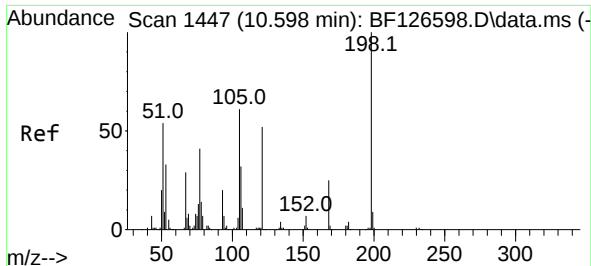
Tgt Ion:165 Resp: 36166
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

Tgt Ion:188 Resp: 506997
Ion Ratio Lower Upper
188 100
94 13.5 10.1 15.1
80 15.5 11.8 17.6

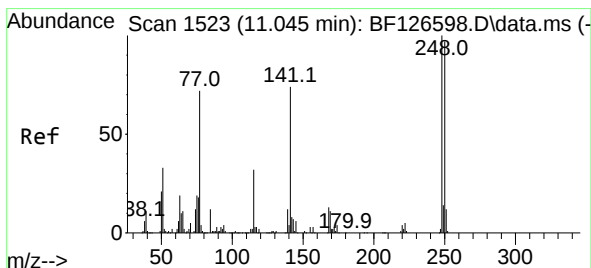
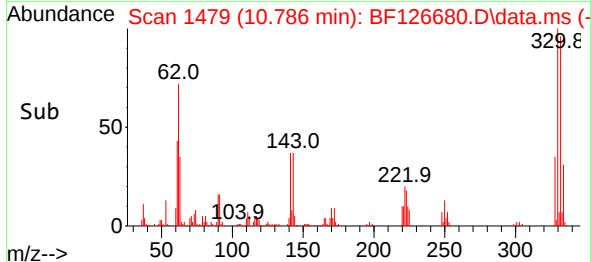
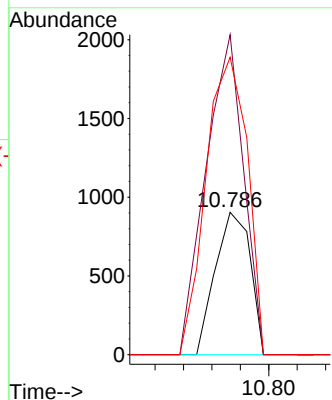
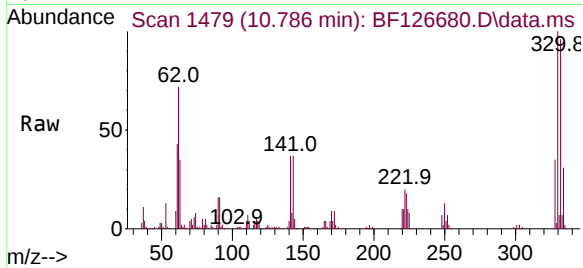




#65
4,6-Dinitro-2-methylphenol
Concen: 7.641 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

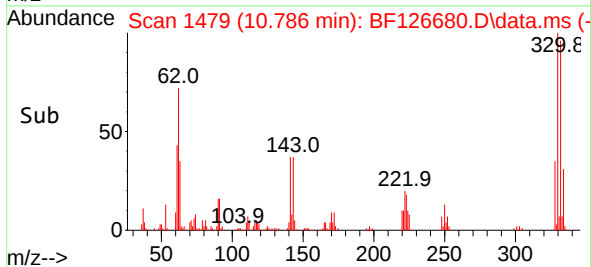
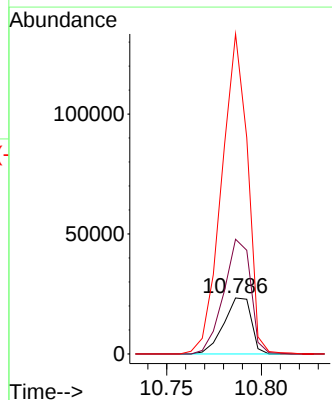
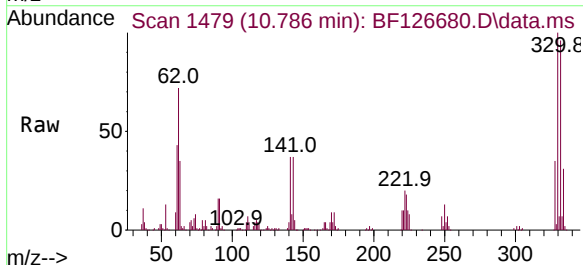
Instrument :
BNA_F
ClientSampleId :
PB142268BL

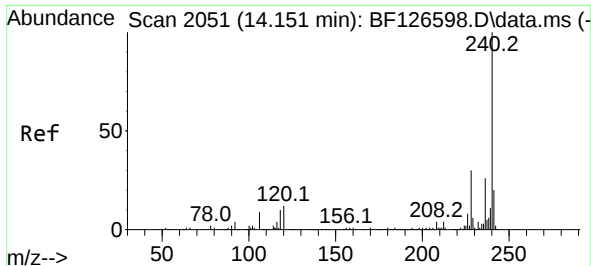
Tgt Ion:198 Resp: 771
Ion Ratio Lower Upper
198 100
51 224.8 32.0 72.0#
105 209.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

Tgt Ion:248 Resp: 23601
Ion Ratio Lower Upper
248 100
250 205.0 76.2 114.4#
141 571.5 66.2 99.4#

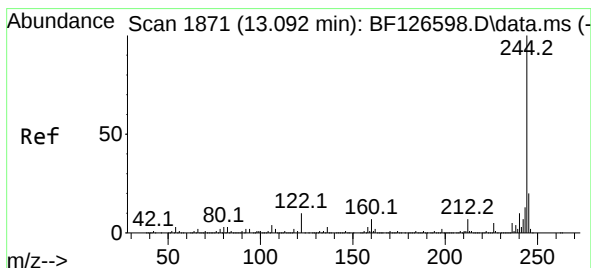
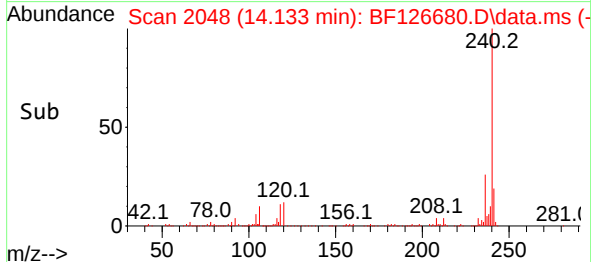
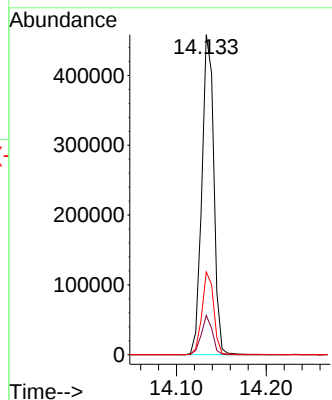
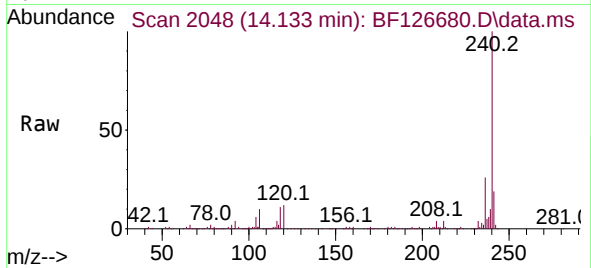




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

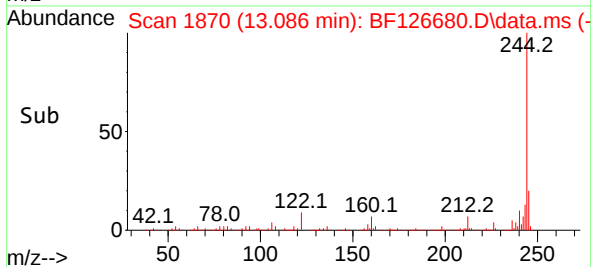
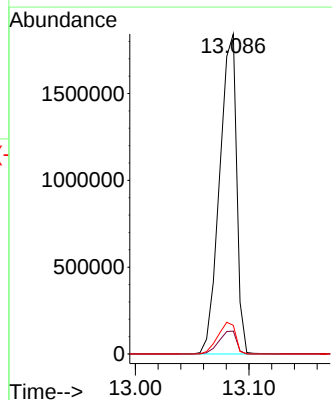
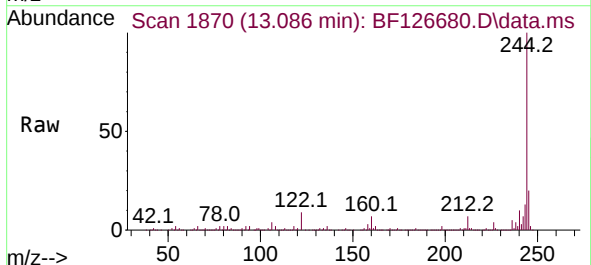
Instrument :
BNA_F
ClientSampleId :
PB142268BL

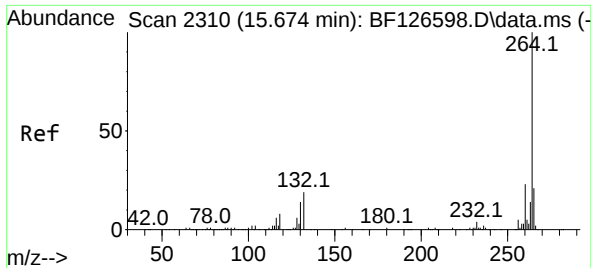
Tgt Ion:240 Resp: 423590
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 76.200 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

Tgt Ion:244 Resp: 1924415
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 8.9 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126680.D
Acq: 26 Jan 2022 12:10

Instrument :
BNA_F
ClientSampleId :
PB142268BL

Tgt Ion:264 Resp: 305517

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.4	26.2

