

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126746.D
 Acq On : 31 Jan 2022 12:59
 Operator : CG/JU
 Sample : PB142313TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142313TB

Quant Time: Feb 01 02:39:59 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)

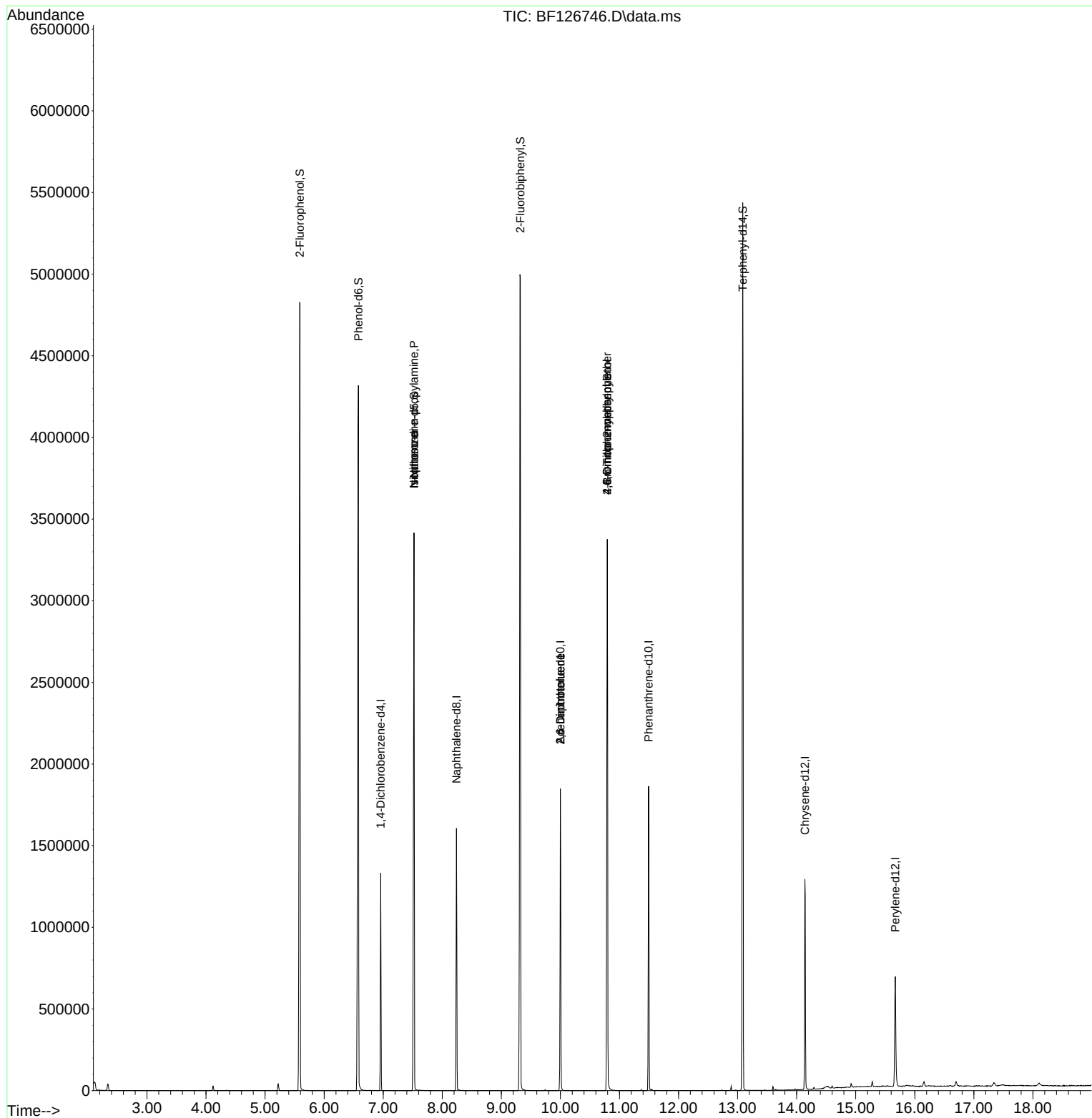
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	161558	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	652988	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	358080	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	610737	20.000	ng	0.00
76) Chrysene-d12	14.139	240	447458	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	308632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1442714	117.510	ng	0.02
7) Phenol-d6	6.581	99	1950898	114.369	ng	0.00
23) Nitrobenzene-d5	7.522	82	1399612	83.895	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	422253	126.005	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1733189	74.128	ng	0.00
79) Terphenyl-d14	13.086	244	2056401	77.083	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3336	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	187300	15.045	ng	# 67
25) Isophorone	7.522	82	1391963	43.023	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	45539	10.377	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	45539	8.563	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	841	7.615	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26521	3.768	ng	# 1

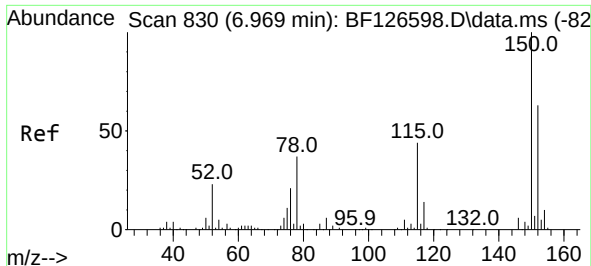
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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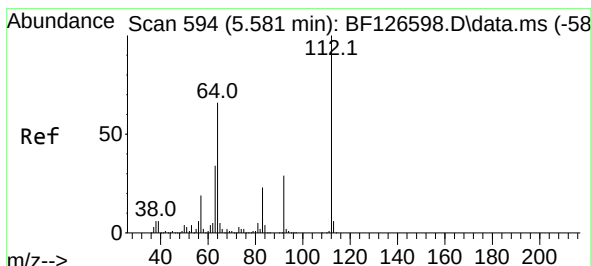
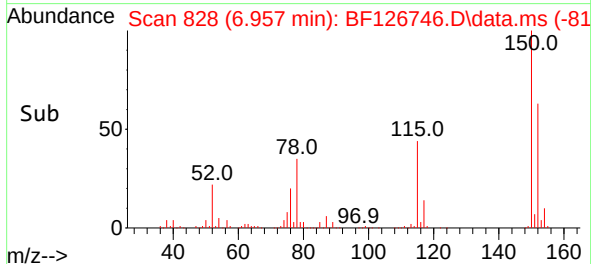
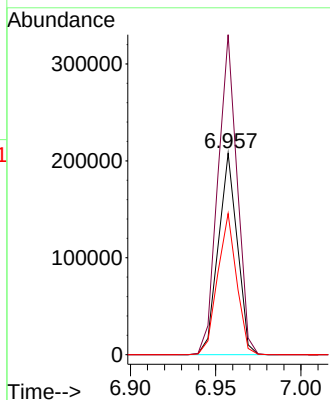
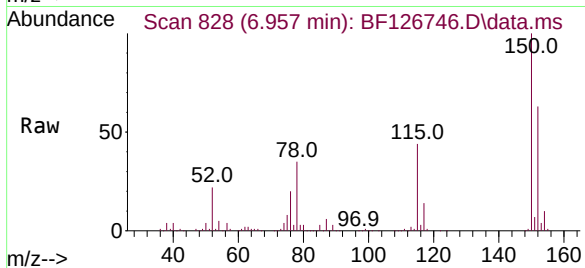




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126746.D
 Acq: 31 Jan 2022 12:59

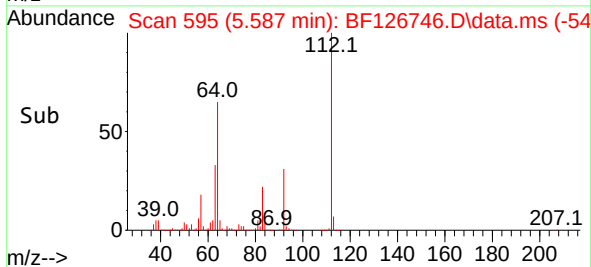
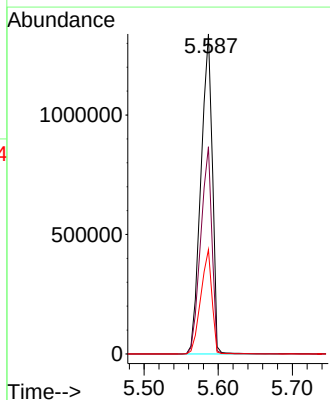
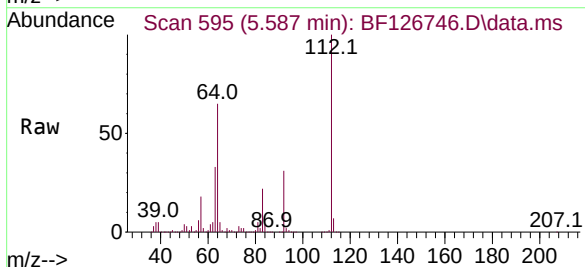
Instrument :
 BNA_F
 ClientSampleId :
 PB142313TB

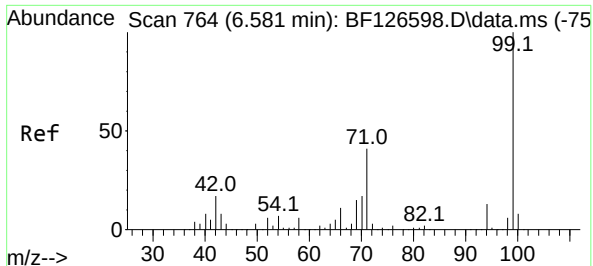
Tgt Ion:152 Resp: 161558
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.1 192.1
 115 70.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 117.510 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF126746.D
 Acq: 31 Jan 2022 12:59

Tgt Ion:112 Resp: 1442714
 Ion Ratio Lower Upper
 112 100
 64 64.8 49.5 74.3
 63 32.6 23.9 35.9

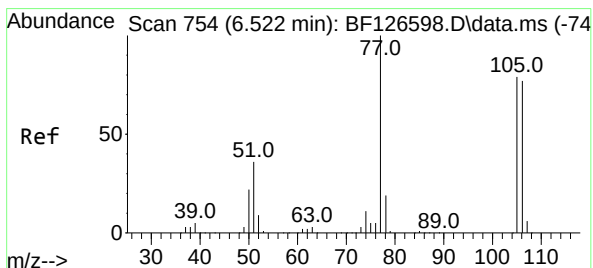
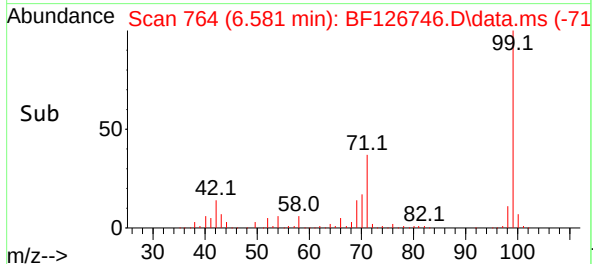
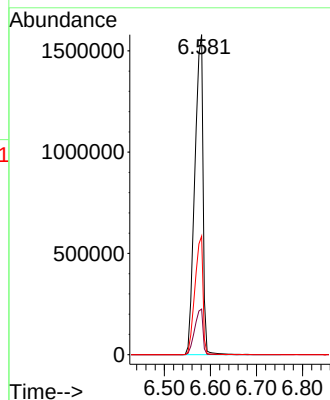
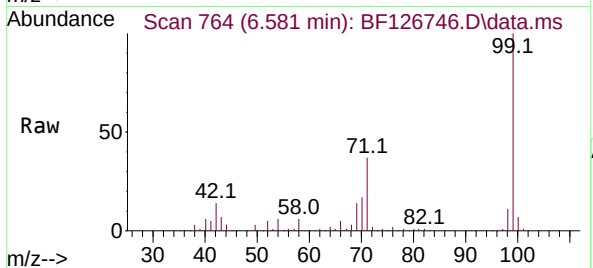




#7
Phenol-d6
Concen: 114.369 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

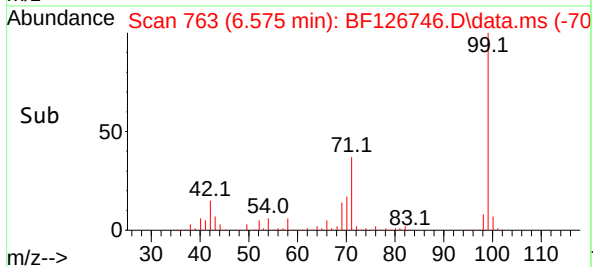
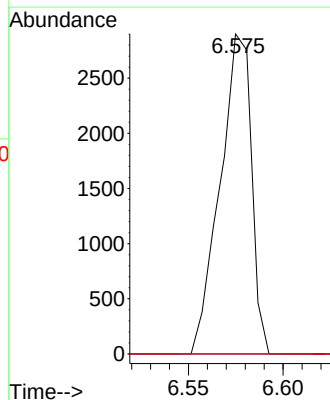
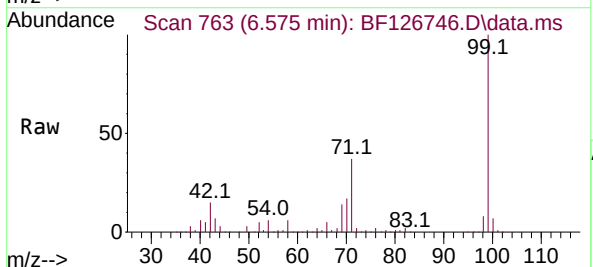
Instrument :
BNA_F
ClientSampleId :
PB142313TB

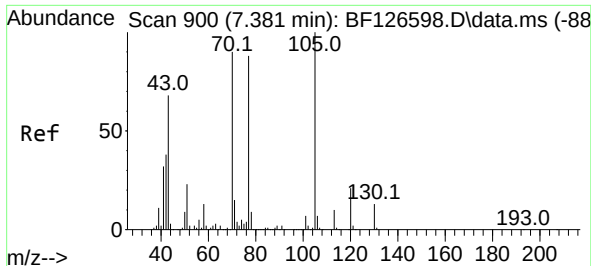
Tgt Ion: 99 Resp: 1950898
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4#
71 37.0 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.065 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

Tgt Ion: 77 Resp: 3336
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

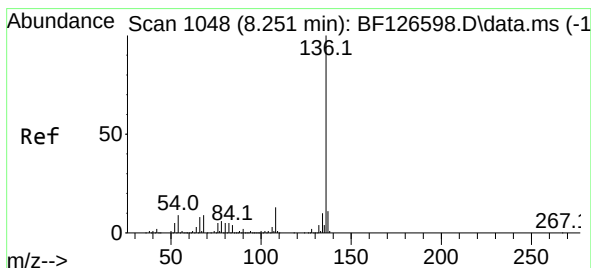
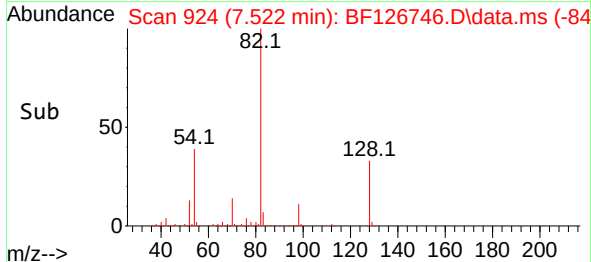
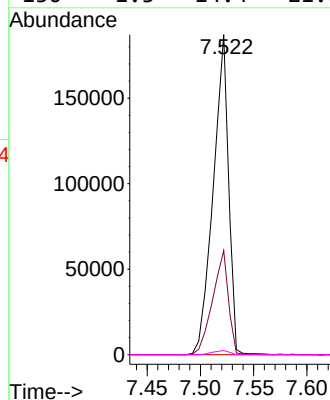
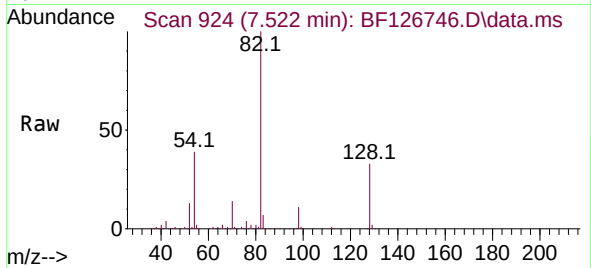




#19
n-Nitroso-di-n-propylamine
Concen: 15.045 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

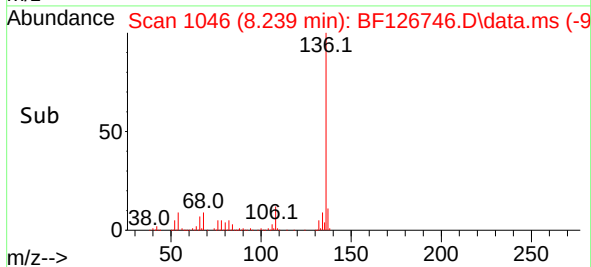
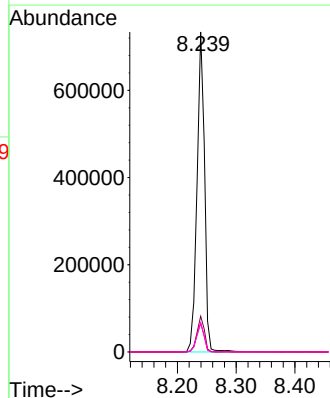
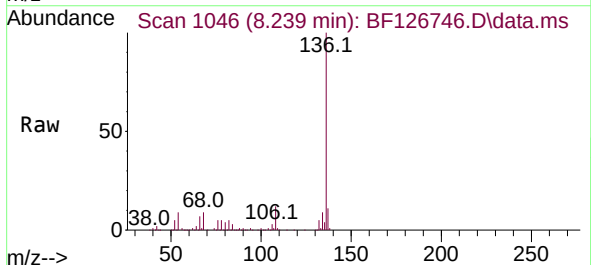
Instrument :
BNA_F
ClientSampleId :
PB142313TB

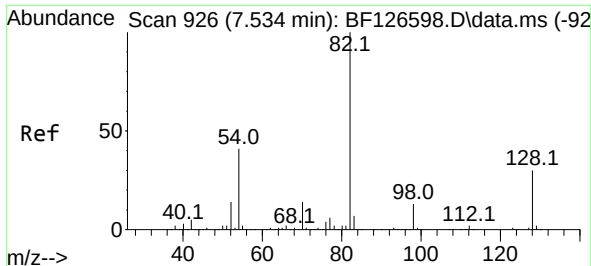
Tgt Ion: 70 Resp: 187300
Ion Ratio Lower Upper
70 100
42 32.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

Tgt Ion: 136 Resp: 652988
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.8 11.6
68 9.1 6.3 9.5





#23

Nitrobenzene-d5

Concen: 83.895 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126746.D

Acq: 31 Jan 2022 12:59

Instrument :

BNA_F

ClientSampleId :

PB142313TB

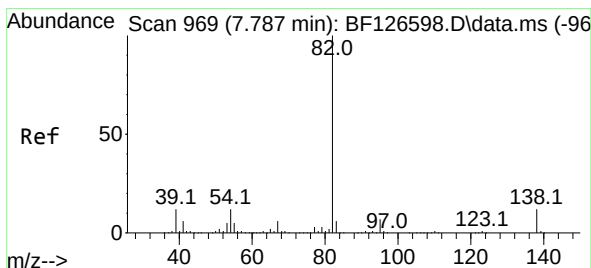
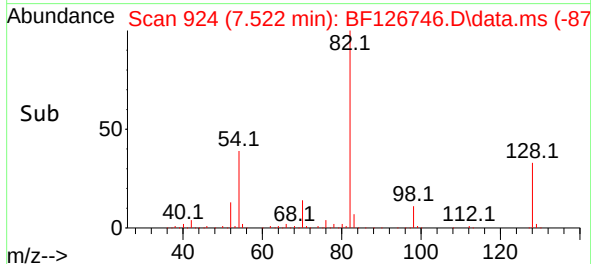
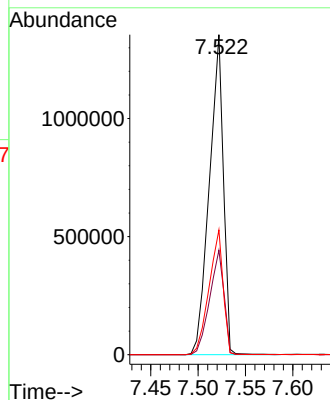
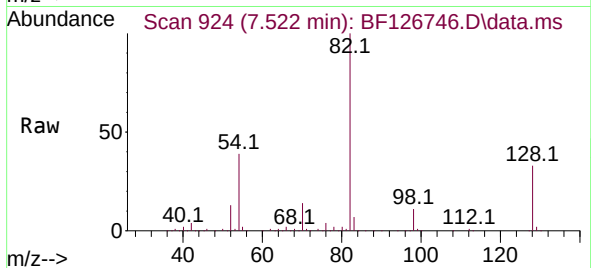
Tgt Ion: 82 Resp: 1399612

Ion Ratio Lower Upper

82 100

128 32.7 32.7 49.1#

54 39.0 41.7 62.5#



#25

Isophorone

Concen: 43.023 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126746.D

Acq: 31 Jan 2022 12:59

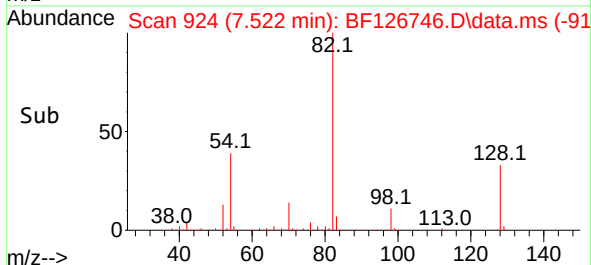
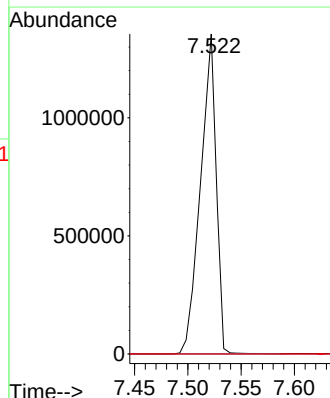
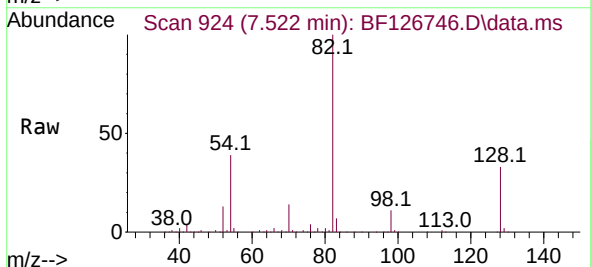
Tgt Ion: 82 Resp: 1391963

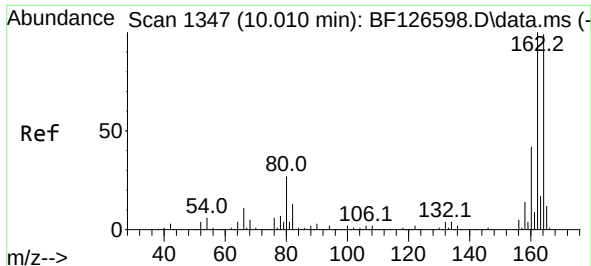
Ion Ratio Lower Upper

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: BF126746.D

Acq: 31 Jan 2022 12:59

Instrument :

BNA_F

ClientSampleId :

PB142313TB

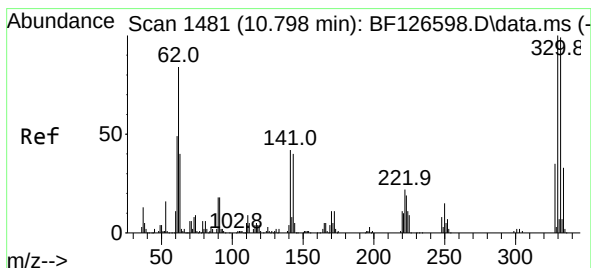
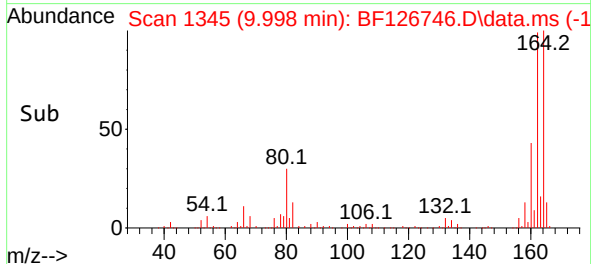
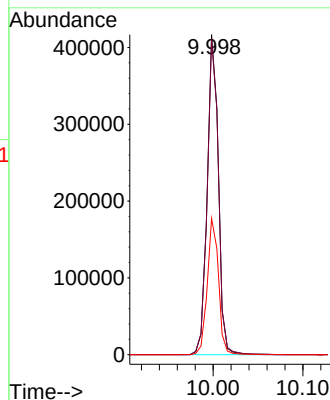
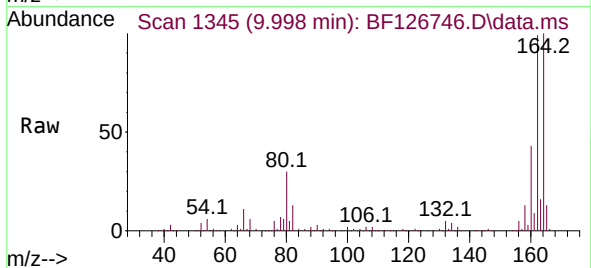
Tgt Ion:164 Resp: 358080

Ion Ratio Lower Upper

164 100

162 98.7 81.4 122.0

160 42.6 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 126.005 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF126746.D

Acq: 31 Jan 2022 12:59

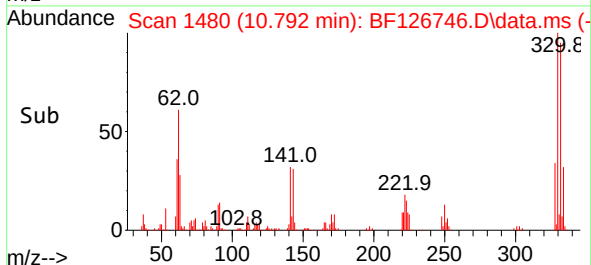
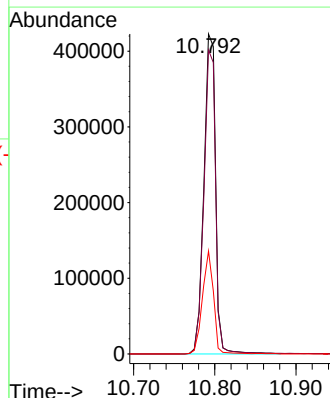
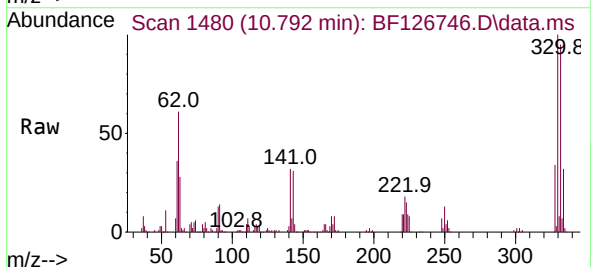
Tgt Ion:330 Resp: 422253

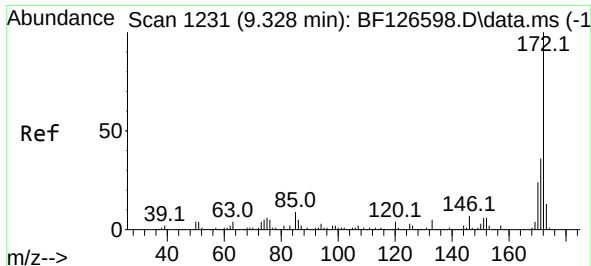
Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 30.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 74.128 ng

RT: 9.322 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126746.D

Acq: 31 Jan 2022 12:59

Instrument :

BNA_F

ClientSampleId :

PB142313TB

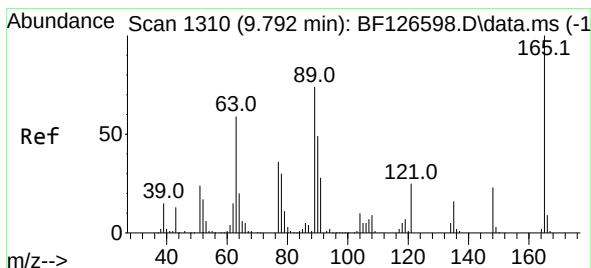
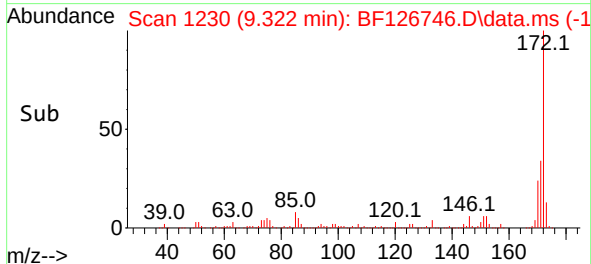
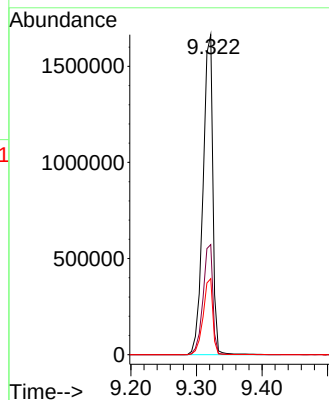
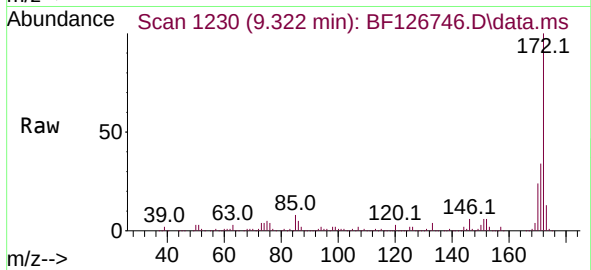
Tgt Ion:172 Resp: 1733189

Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.377 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126746.D

Acq: 31 Jan 2022 12:59

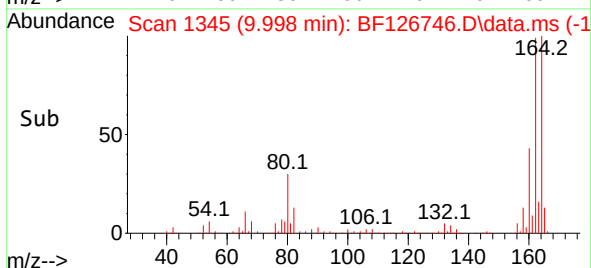
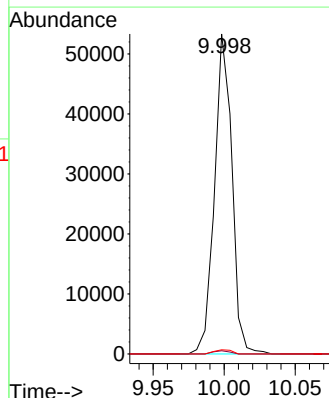
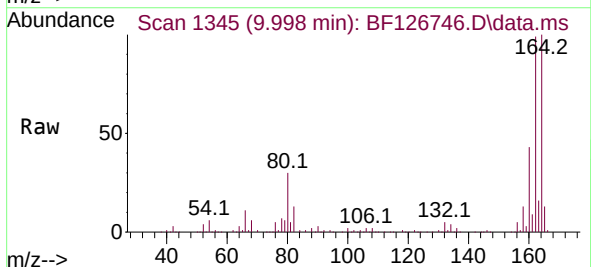
Tgt Ion:165 Resp: 45539

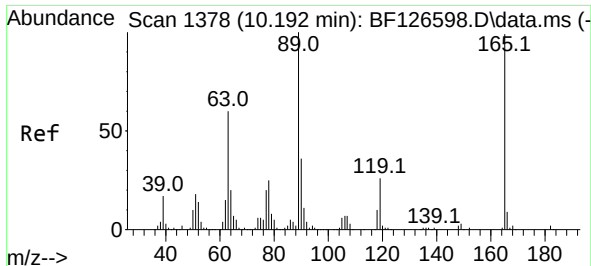
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.3 50.5 75.7#

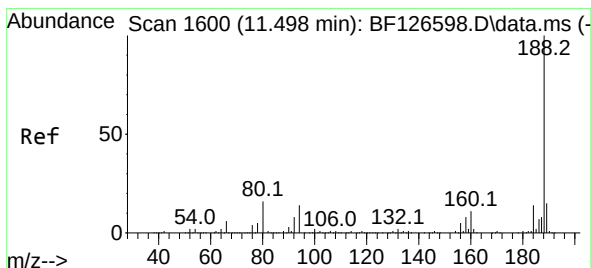
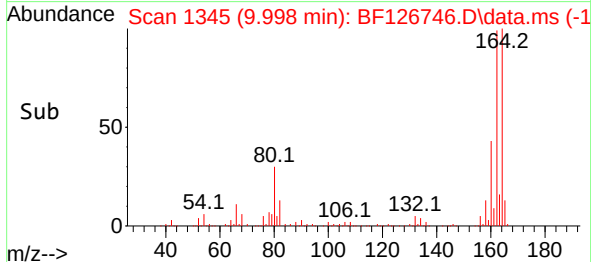
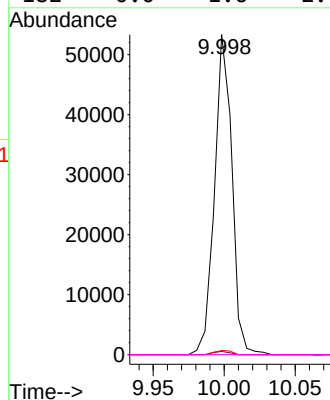
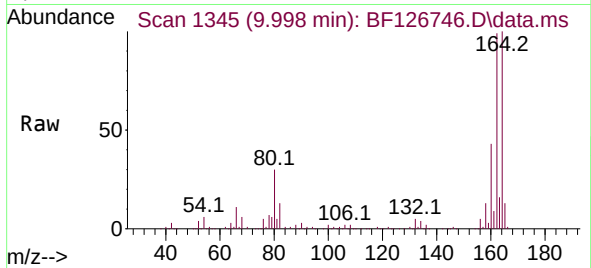




#57
2,4-Dinitrotoluene
Concen: 8.563 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

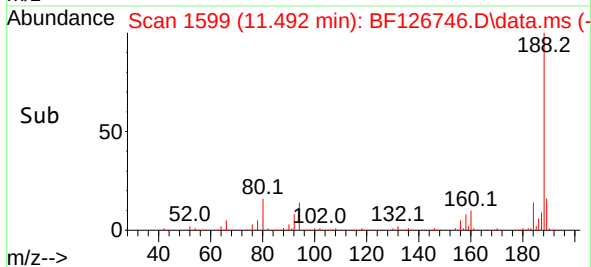
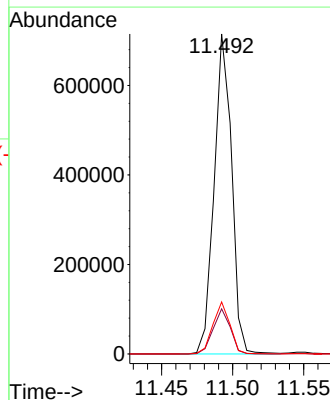
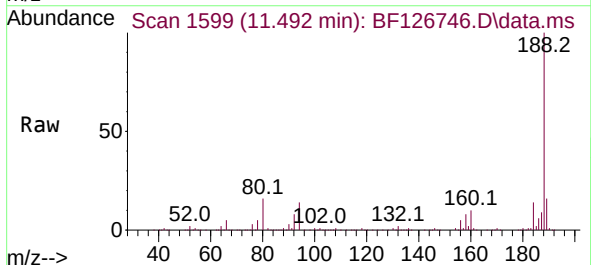
Instrument :
BNA_F
ClientSampleId :
PB142313TB

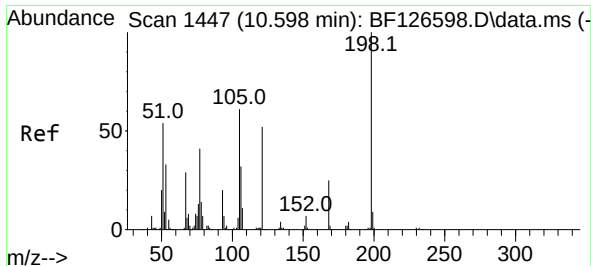
Tgt Ion:165 Resp: 45539
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

Tgt Ion:188 Resp: 610737
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 16.2 11.8 17.6

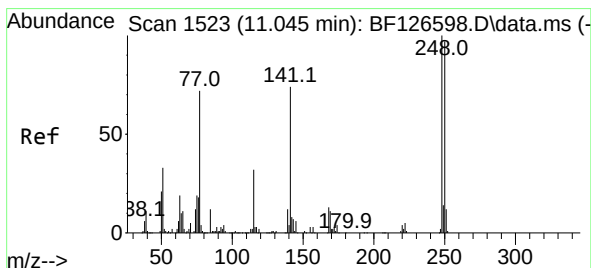
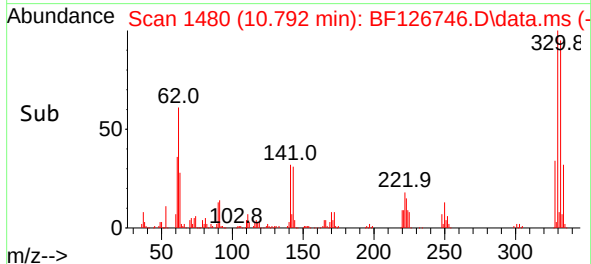
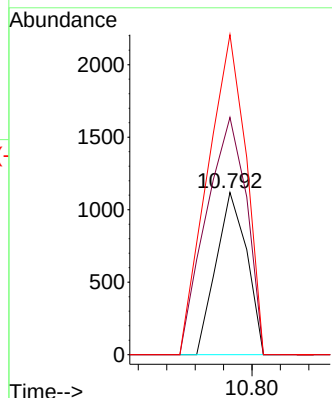
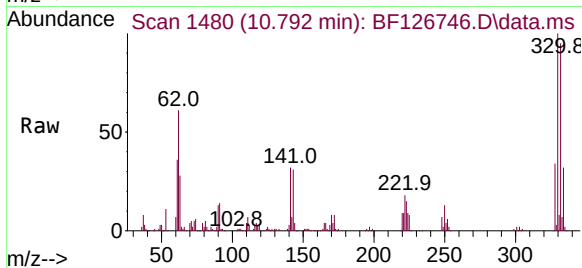




#65
4,6-Dinitro-2-methylphenol
Concen: 7.615 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

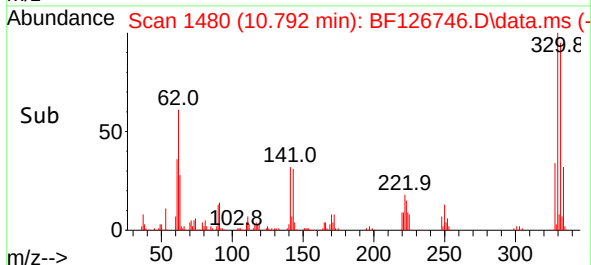
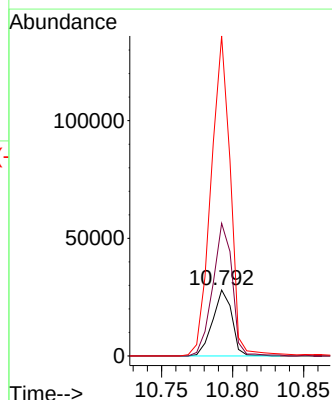
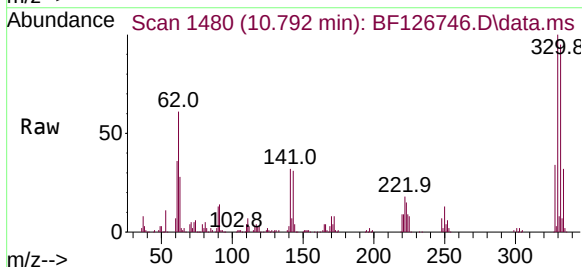
Instrument :
BNA_F
ClientSampleId :
PB142313TB

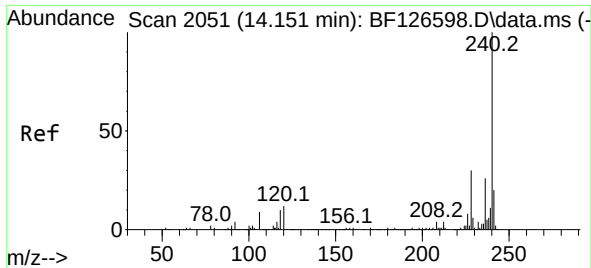
Tgt Ion:198 Resp: 841
Ion Ratio Lower Upper
198 100
51 146.3 32.0 72.0#
105 197.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.768 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

Tgt Ion:248 Resp: 26521
Ion Ratio Lower Upper
248 100
250 201.0 76.2 114.4#
141 484.9 66.2 99.4#

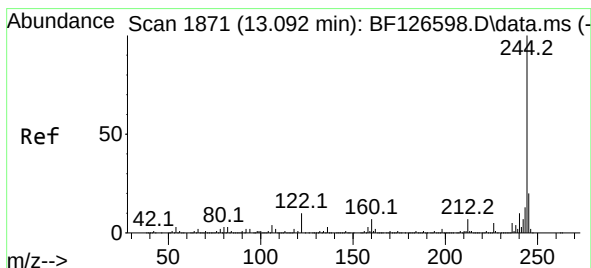
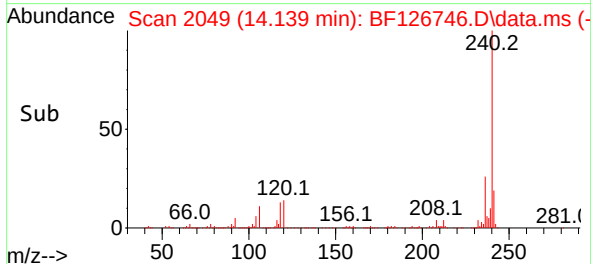
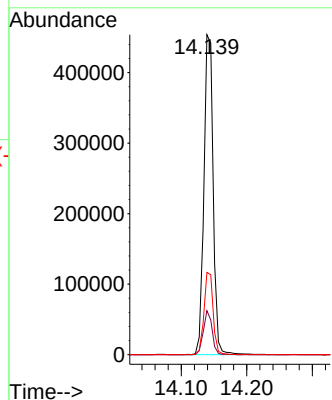
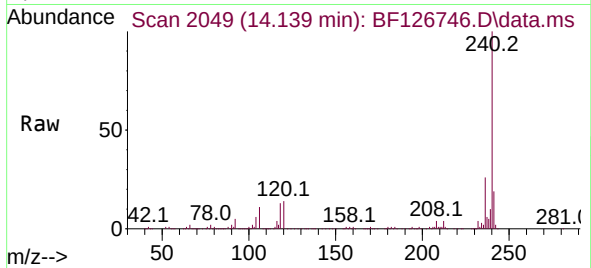




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

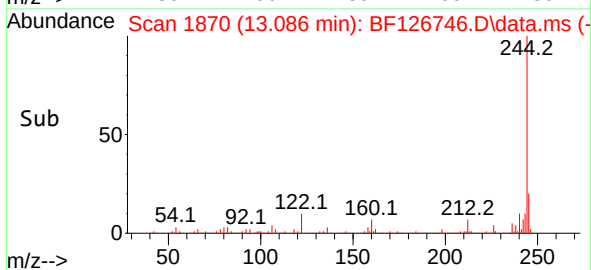
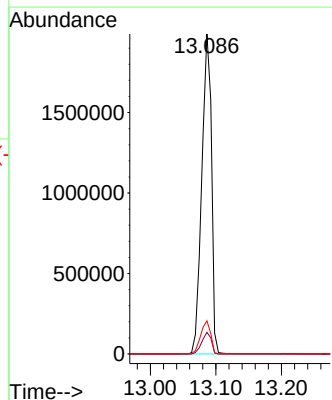
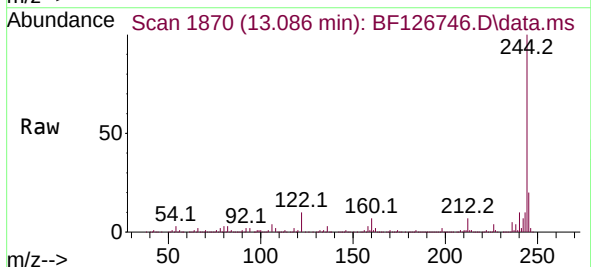
Instrument :
BNA_F
ClientSampleId :
PB142313TB

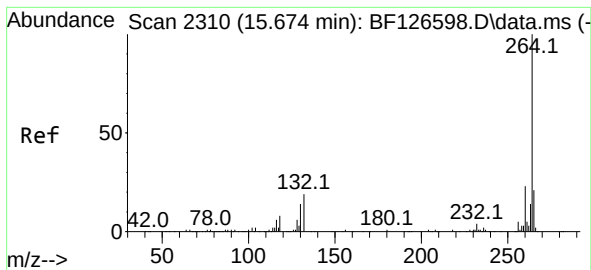
Tgt Ion:240 Resp: 447458
Ion Ratio Lower Upper
240 100
120 13.8 14.4 21.6#
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 77.083 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126746.D
Acq: 31 Jan 2022 12:59

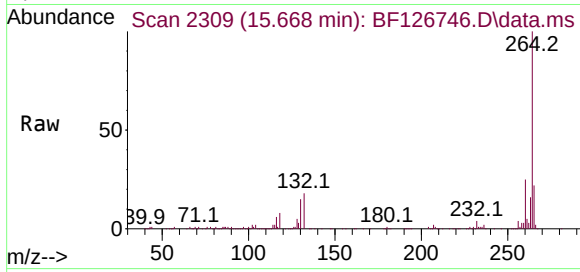
Tgt Ion:244 Resp: 2056401
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.3 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126746.D
 Acq: 31 Jan 2022 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB142313TB



Tgt Ion:264 Resp: 308632
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.7 17.4 26.2

