

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126708.D
 Acq On : 27 Jan 2022 12:23
 Operator : CG/JU
 Sample : PB142264TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142264TB

Quant Time: Jan 28 04:40:35 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)

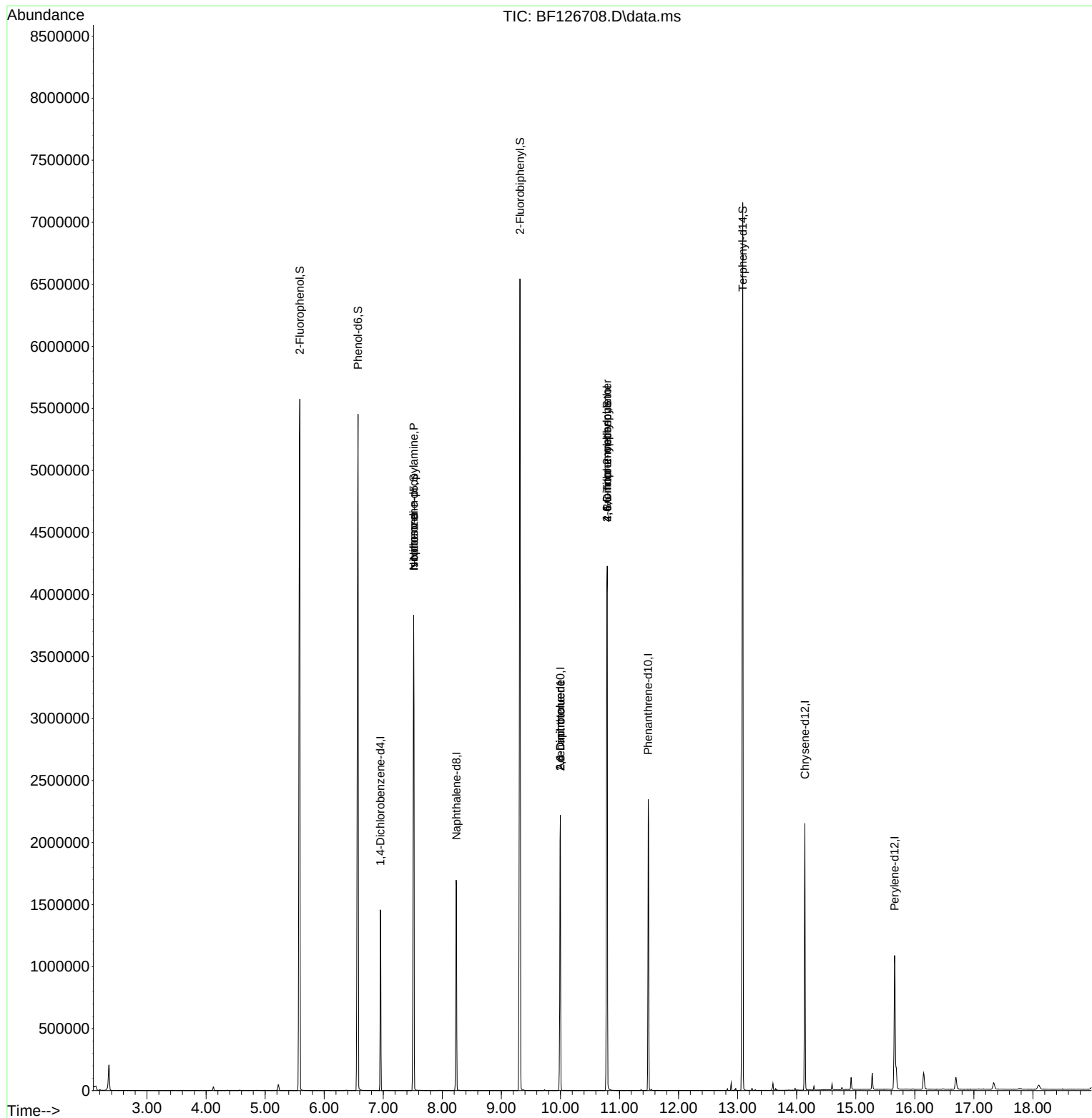
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	201186	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	814229	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	454536	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	816516	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	665117	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	481905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1801685	117.843	ng	0.02
7) Phenol-d6	6.575	99	2428368	114.319	ng	0.00
23) Nitrobenzene-d5	7.516	82	1767283	84.956	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	560036	131.657	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2195758	73.983	ng	0.00
79) Terphenyl-d14	13.086	244	2759567	69.590	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3876	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	233161	15.039	ng	# 69
25) Isophorone	7.516	82	1748932	43.352	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	58408	10.485	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	58408	8.652	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	1056	7.601	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	35193	3.740	ng	# 1

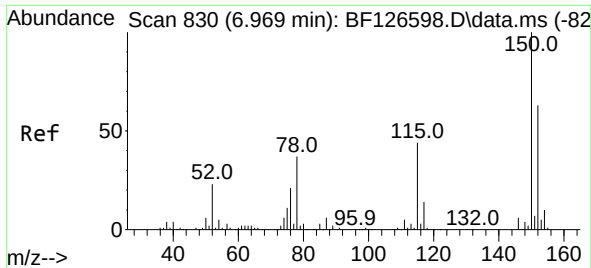
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
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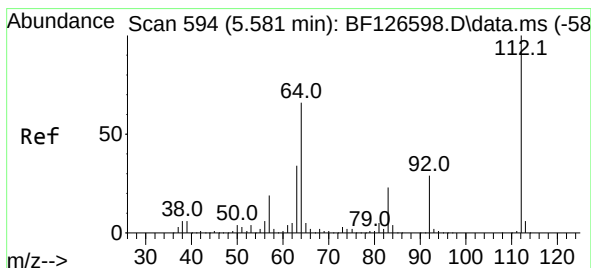
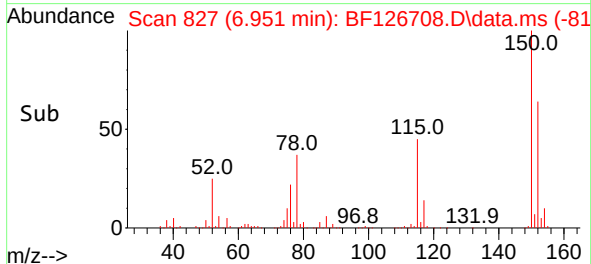
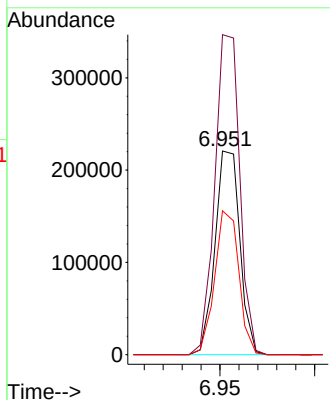
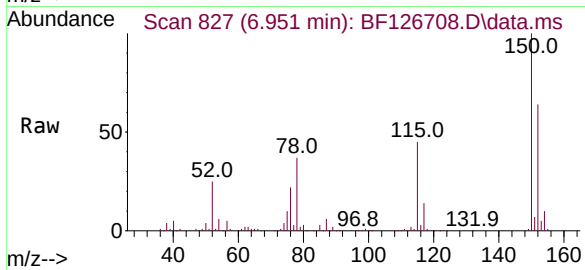




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

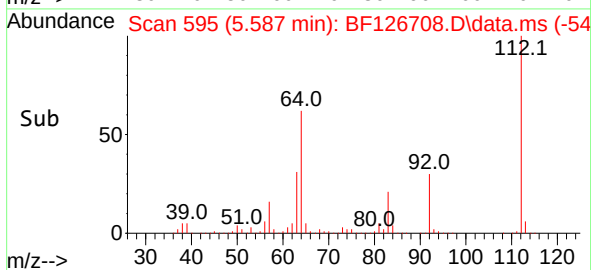
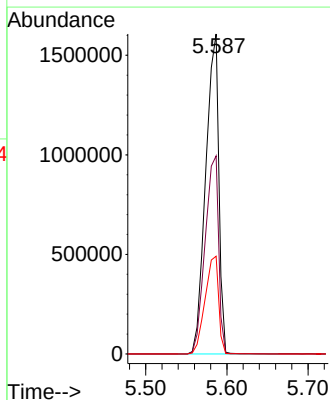
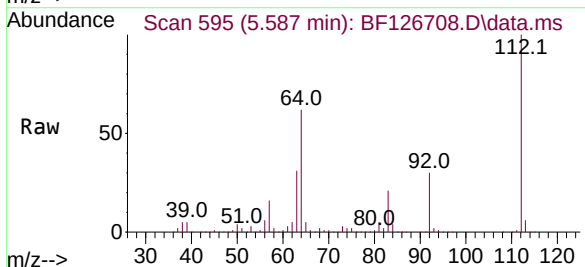
Instrument :
BNA_F
ClientSampleId :
PB142264TB

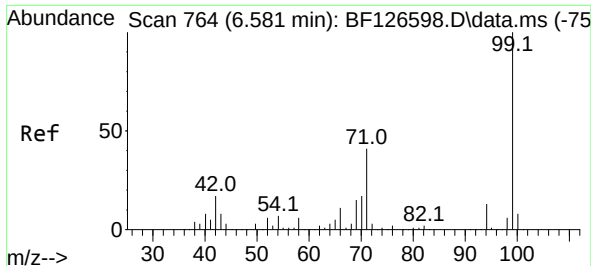
Tgt Ion:152 Resp: 201186
Ion Ratio Lower Upper
152 100
150 157.1 128.1 192.1
115 70.6 56.7 85.1



#5
2-Fluorophenol
Concen: 117.843 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:112 Resp: 1801685
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 30.6 23.9 35.9





#7

Phenol-d6

Concen: 114.319 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126708.D

Acq: 27 Jan 2022 12:23

Instrument :

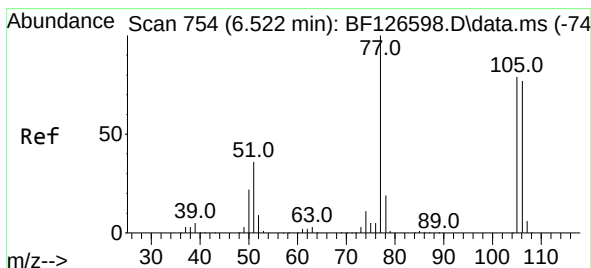
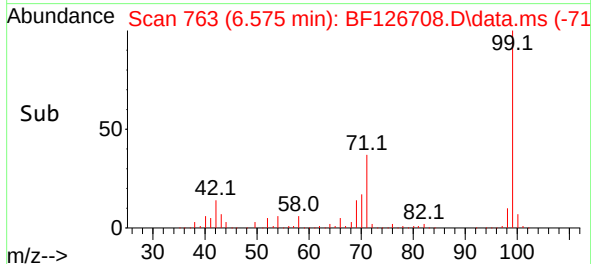
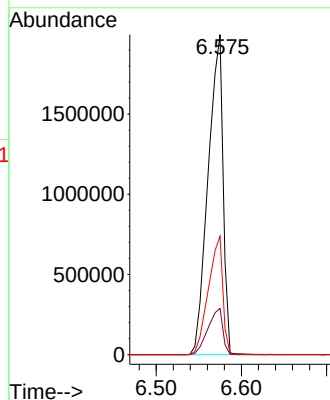
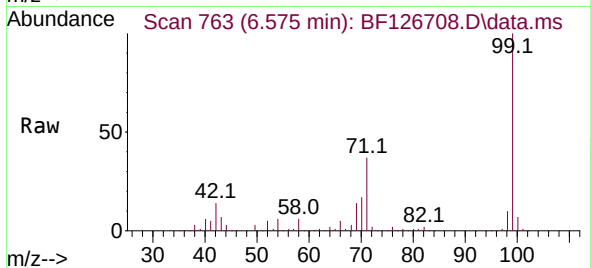
BNA_F

ClientSampleId :

PB142264TB

Tgt Ion: 99 Resp: 2428368

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	37.0	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

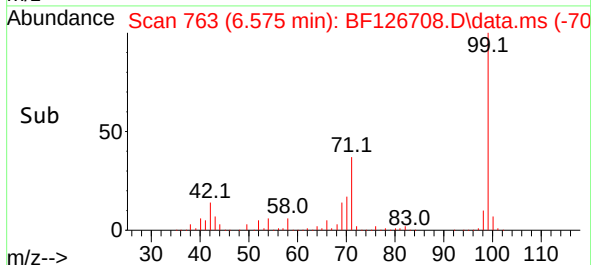
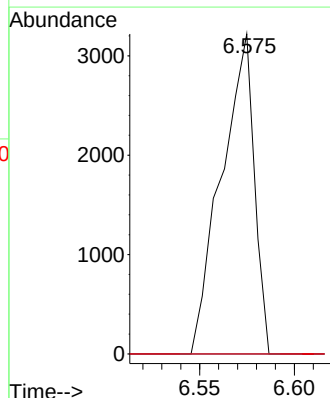
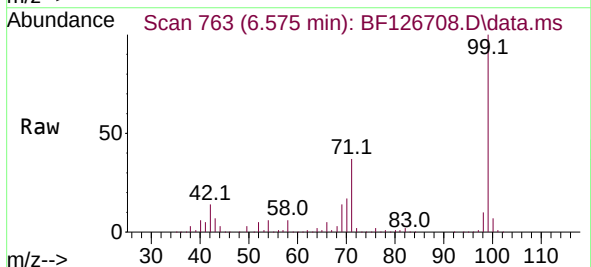
Delta R.T. 0.065 min

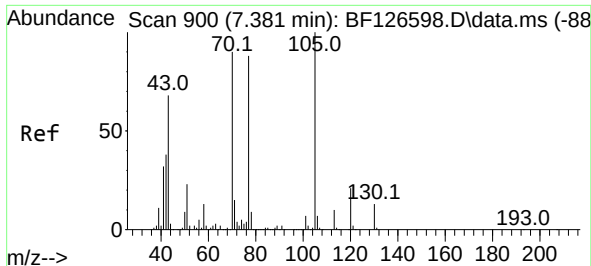
Lab File: BF126708.D

Acq: 27 Jan 2022 12:23

Tgt Ion: 77 Resp: 3876

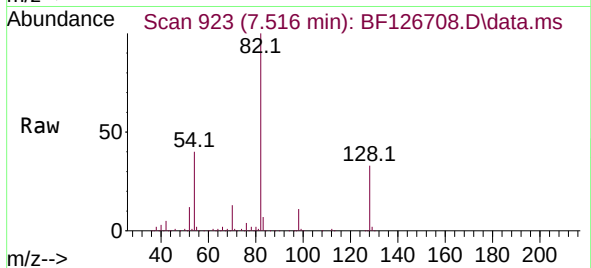
Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9
106	0.0	72.4	112.4



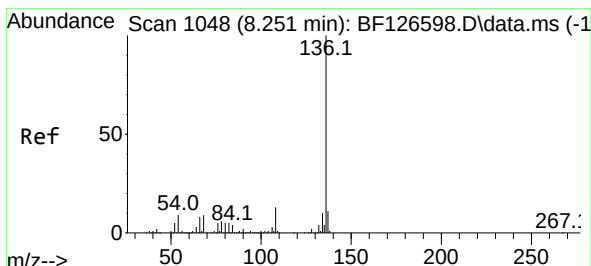
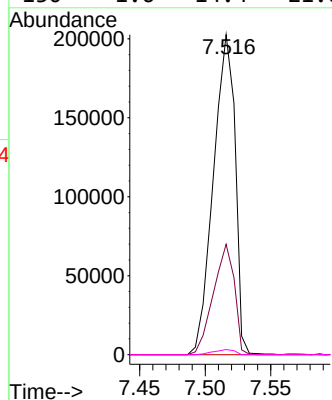
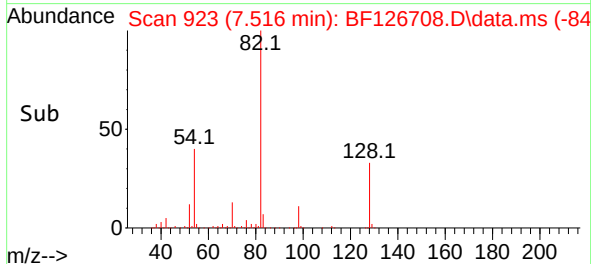


#19
n-Nitroso-di-n-propylamine
Concen: 15.039 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

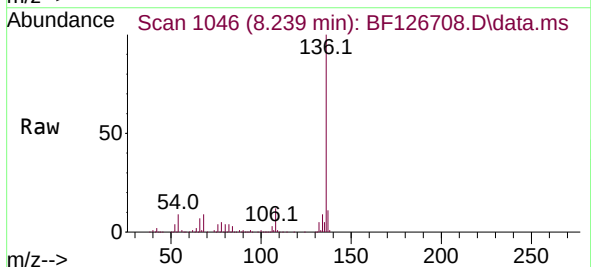
Instrument :
BNA_F
ClientSampleId :
PB142264TB



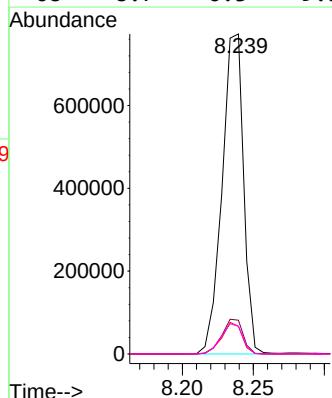
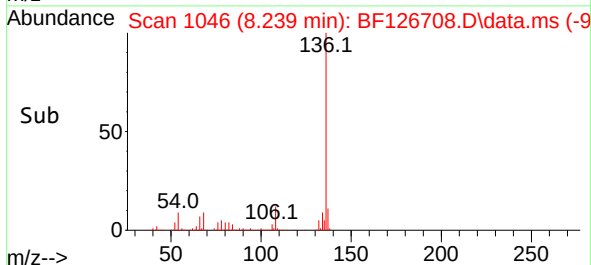
Tgt Ion: 70 Resp: 233161
Ion Ratio Lower Upper
70 100
42 34.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

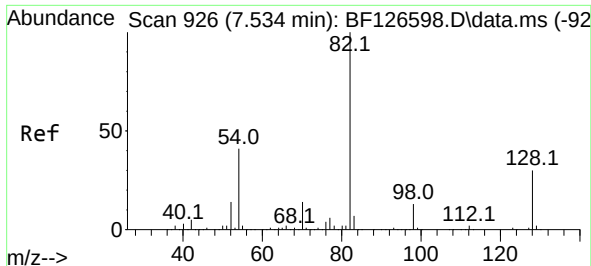


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23



Tgt Ion: 136 Resp: 814229
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 7.8 11.6
68 8.7 6.3 9.5

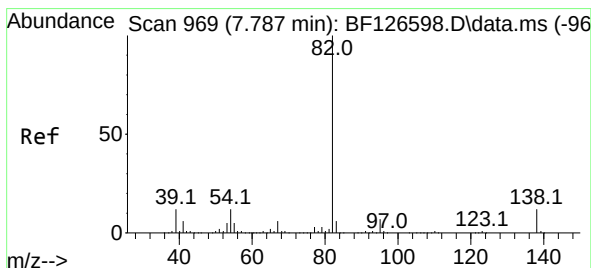
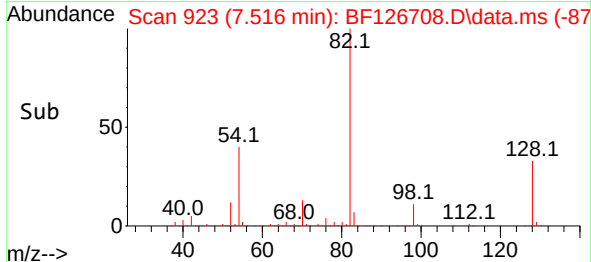
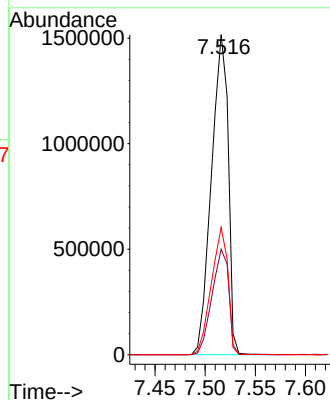
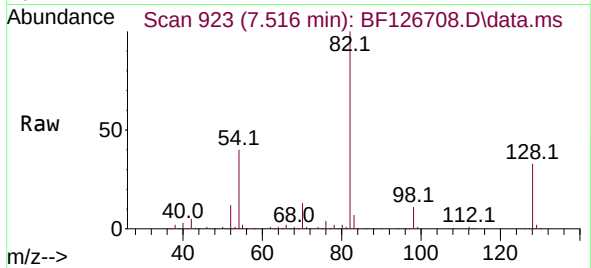




#23
Nitrobenzene-d5
Concen: 84.956 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

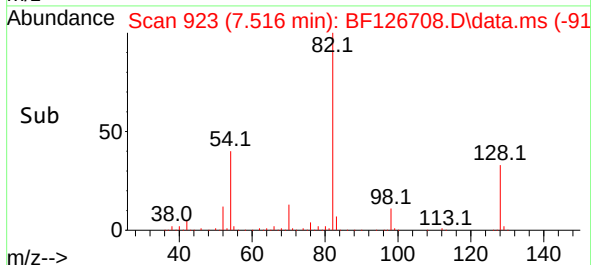
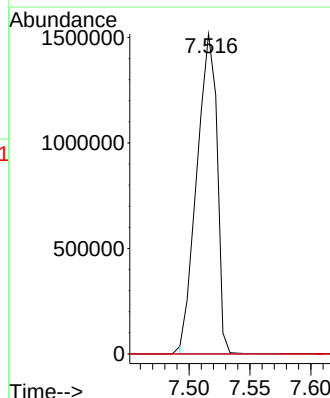
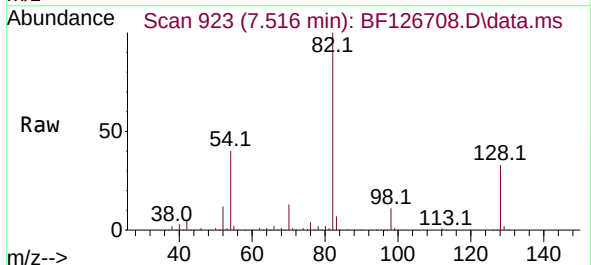
Instrument :
BNA_F
ClientSampleId :
PB142264TB

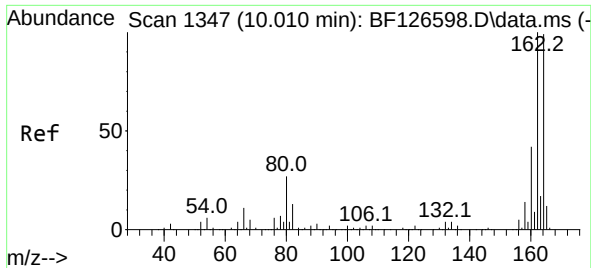
Tgt Ion: 82 Resp: 1767283
Ion Ratio Lower Upper
82 100
128 33.0 32.7 49.1
54 39.8 41.7 62.5#



#25
Isophorone
Concen: 43.352 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion: 82 Resp: 1748932
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

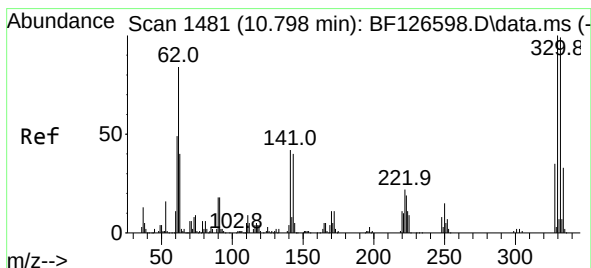
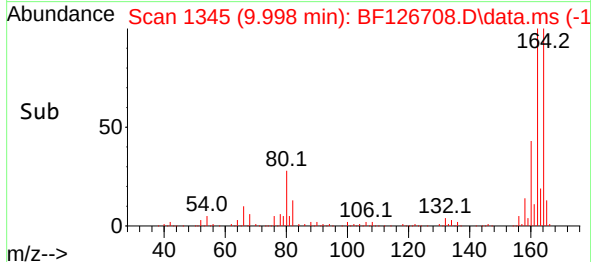
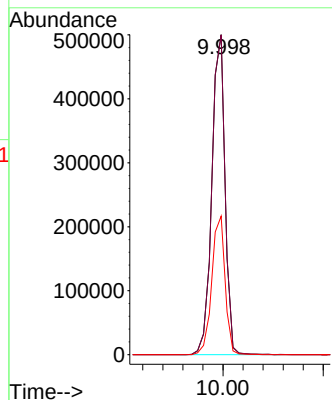
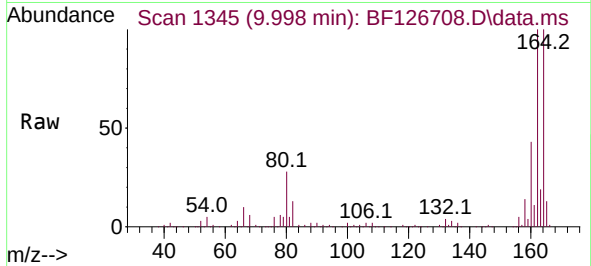




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

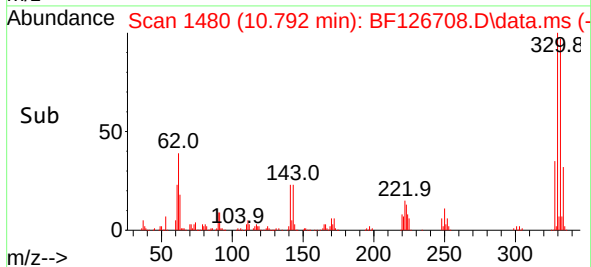
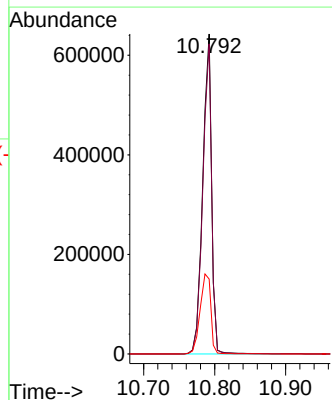
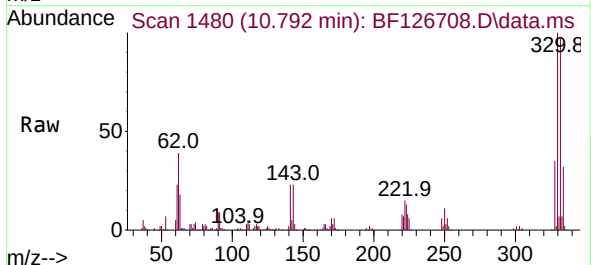
Instrument :
BNA_F
ClientSampleId :
PB142264TB

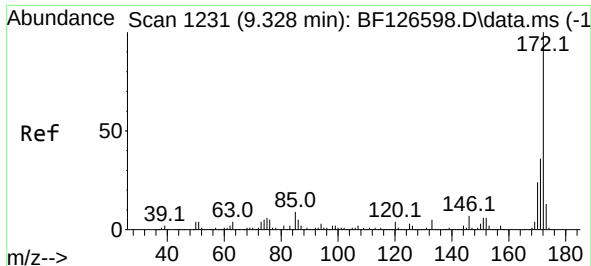
Tgt Ion:164 Resp: 454536
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 131.657 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:330 Resp: 560036
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 30.1 30.1 45.1#





#45

2-Fluorobiphenyl

Concen: 73.983 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126708.D

Acq: 27 Jan 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB142264TB

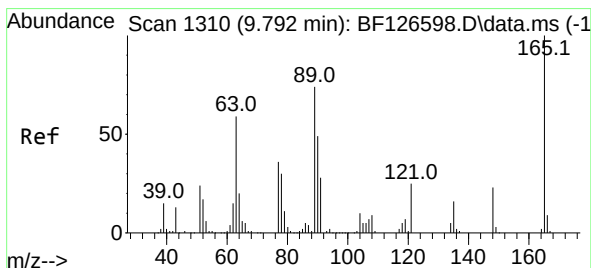
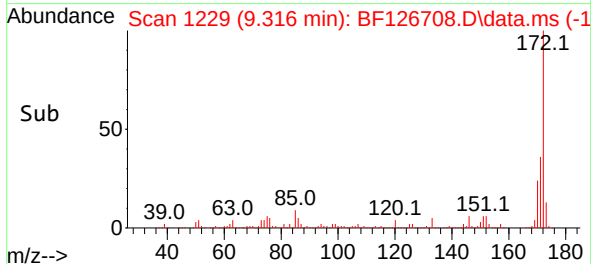
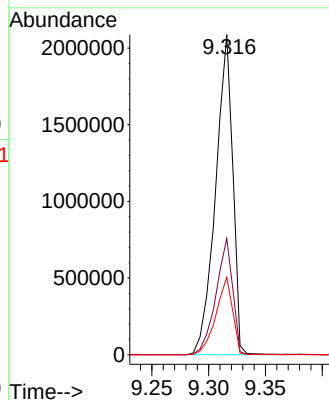
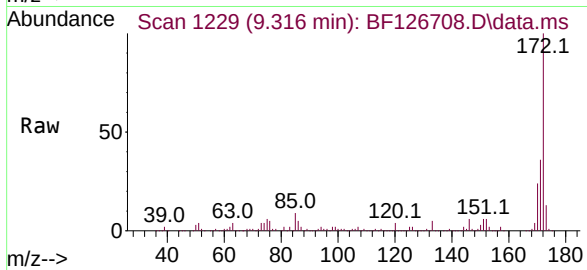
Tgt Ion:172 Resp: 2195758

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 24.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.485 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126708.D

Acq: 27 Jan 2022 12:23

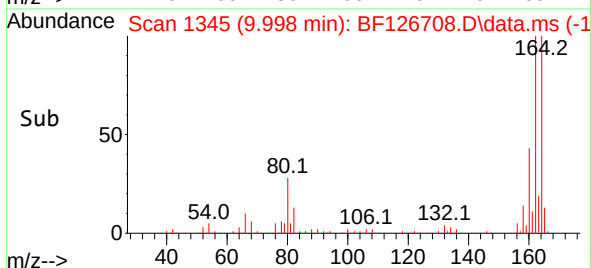
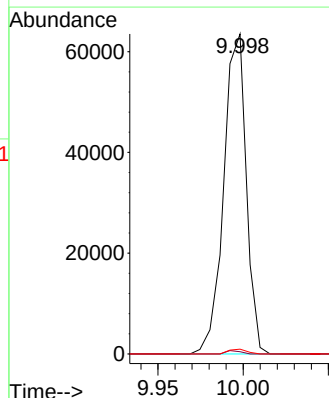
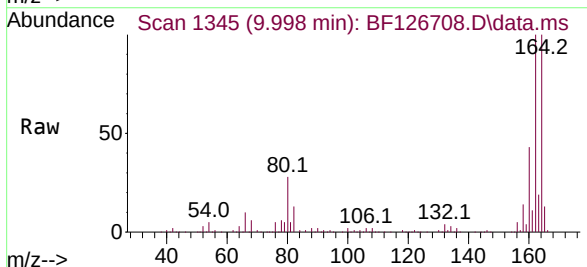
Tgt Ion:165 Resp: 58408

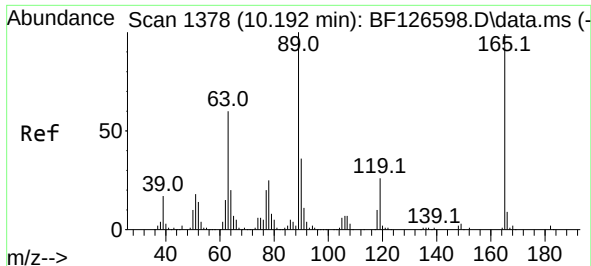
Ion Ratio Lower Upper

165 100

63 0.7 48.4 72.6#

89 1.5 50.5 75.7#

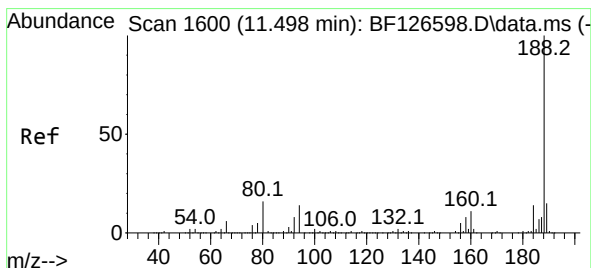
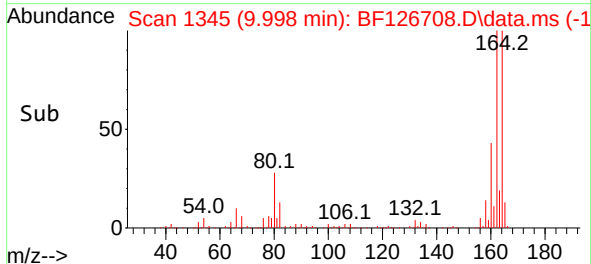
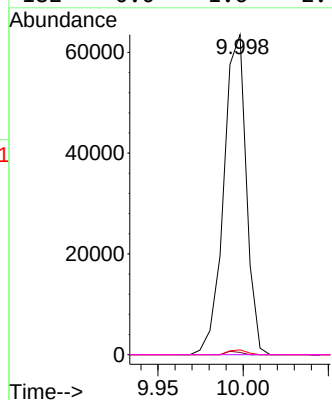
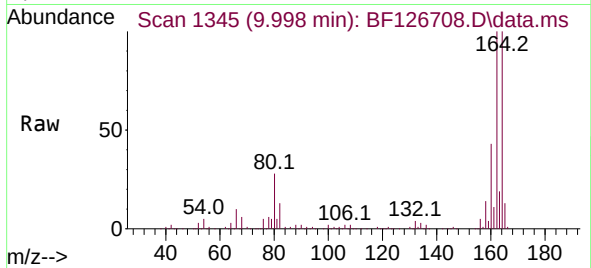




#57
2,4-Dinitrotoluene
Concen: 8.652 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

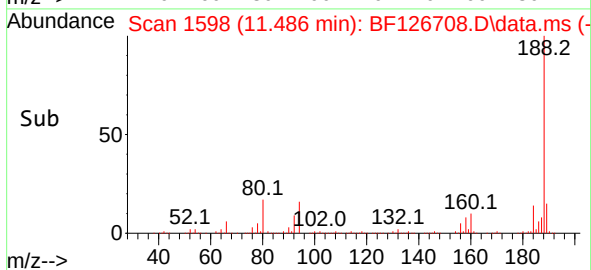
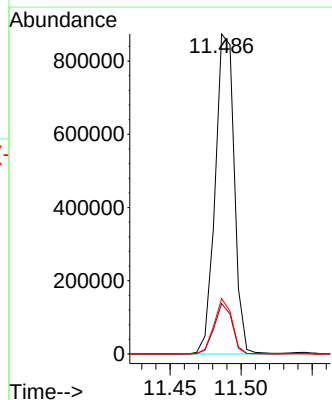
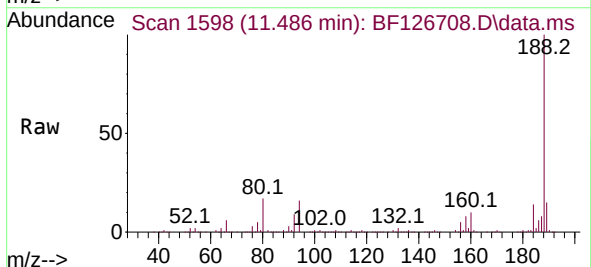
Instrument :
BNA_F
ClientSampleId :
PB142264TB

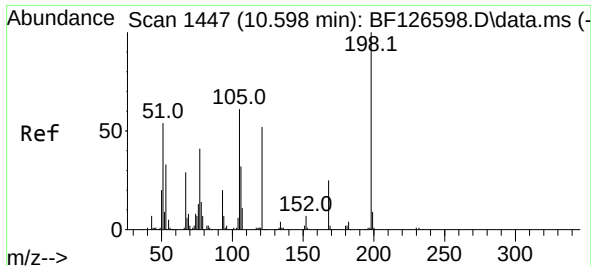
Tgt Ion:165 Resp: 58408
Ion Ratio Lower Upper
165 100
63 0.7 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:188 Resp: 816516
Ion Ratio Lower Upper
188 100
94 15.8 10.1 15.1#
80 17.3 11.8 17.6

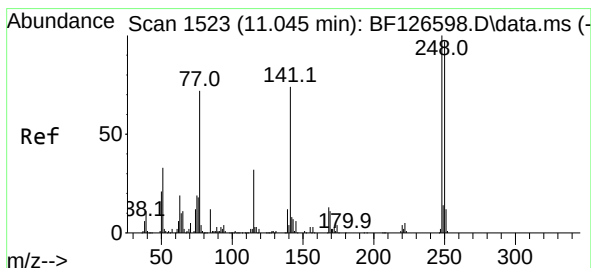
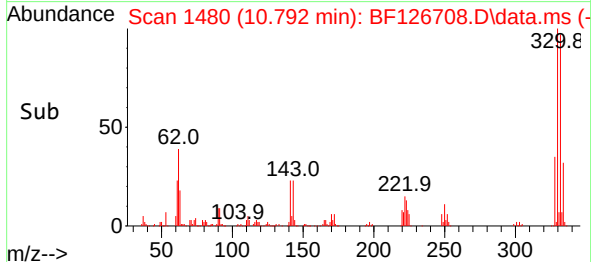
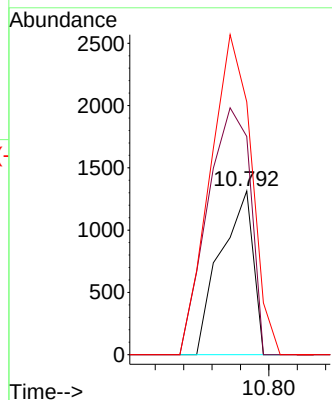
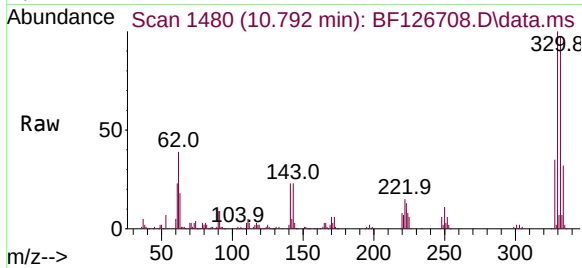




#65
4,6-Dinitro-2-methylphenol
Concen: 7.601 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

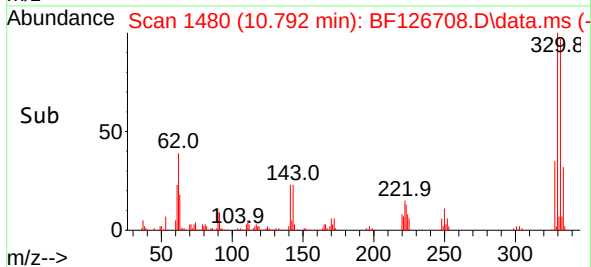
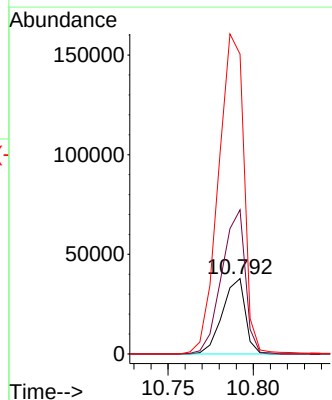
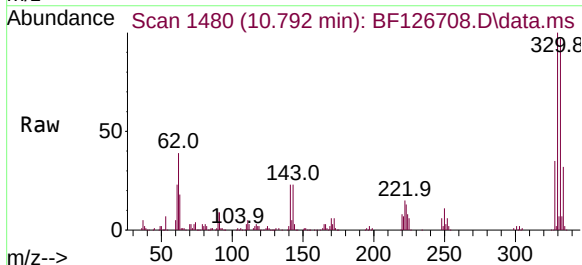
Instrument :
BNA_F
ClientSampleId :
PB142264TB

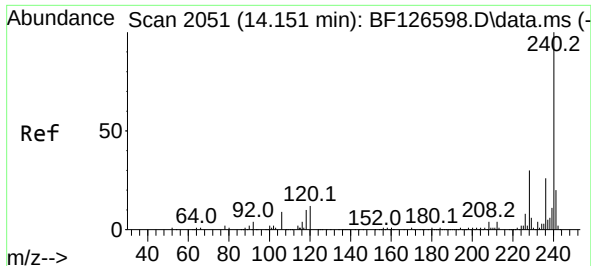
Tgt Ion:198 Resp: 1056
Ion Ratio Lower Upper
198 100
51 133.3 32.0 72.0#
105 154.5 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.740 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:248 Resp: 35193
Ion Ratio Lower Upper
248 100
250 191.4 76.2 114.4#
141 398.1 66.2 99.4#

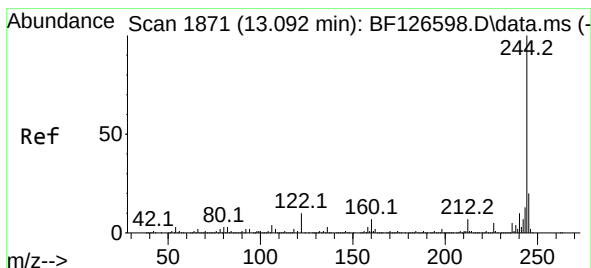
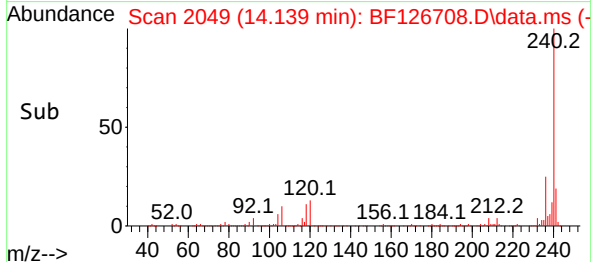
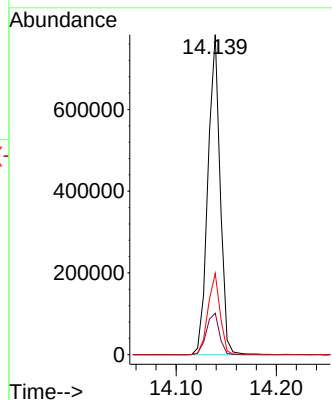
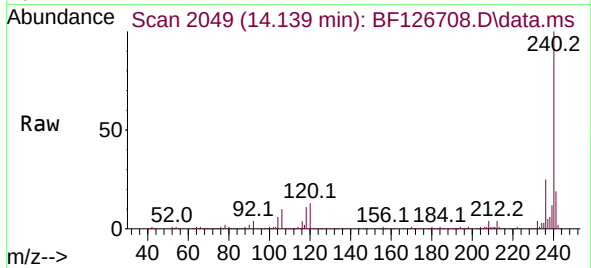




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

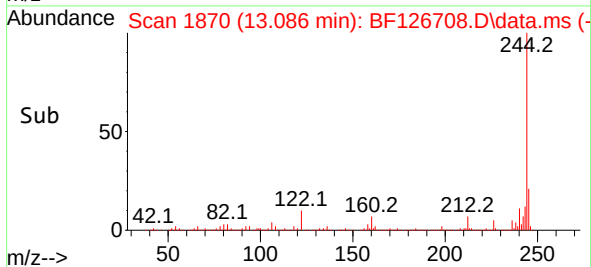
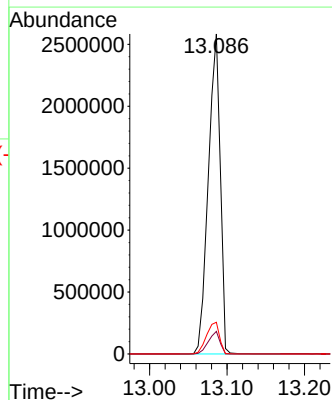
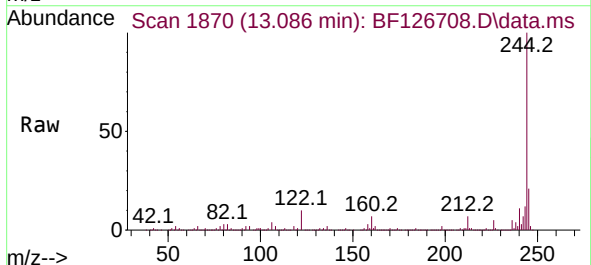
Instrument :
BNA_F
ClientSampleId :
PB142264TB

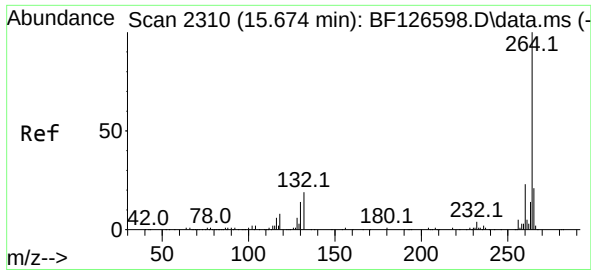
Tgt Ion:240 Resp: 665117
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 69.590 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:244 Resp: 2759567
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 9.9 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: BF126708.D

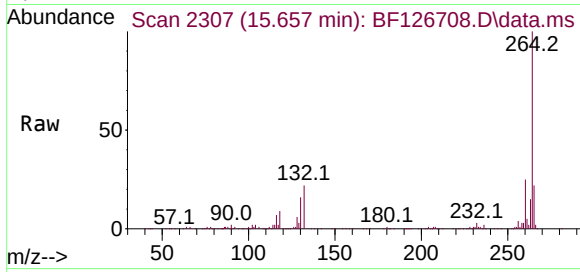
Acq: 27 Jan 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB142264TB



Tgt Ion:264 Resp: 481905

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 17.4 26.2

