

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126706.D
 Acq On : 27 Jan 2022 10:53
 Operator : CG/JU
 Sample : PB142292BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142292BL

Quant Time: Jan 28 04:40:09 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)

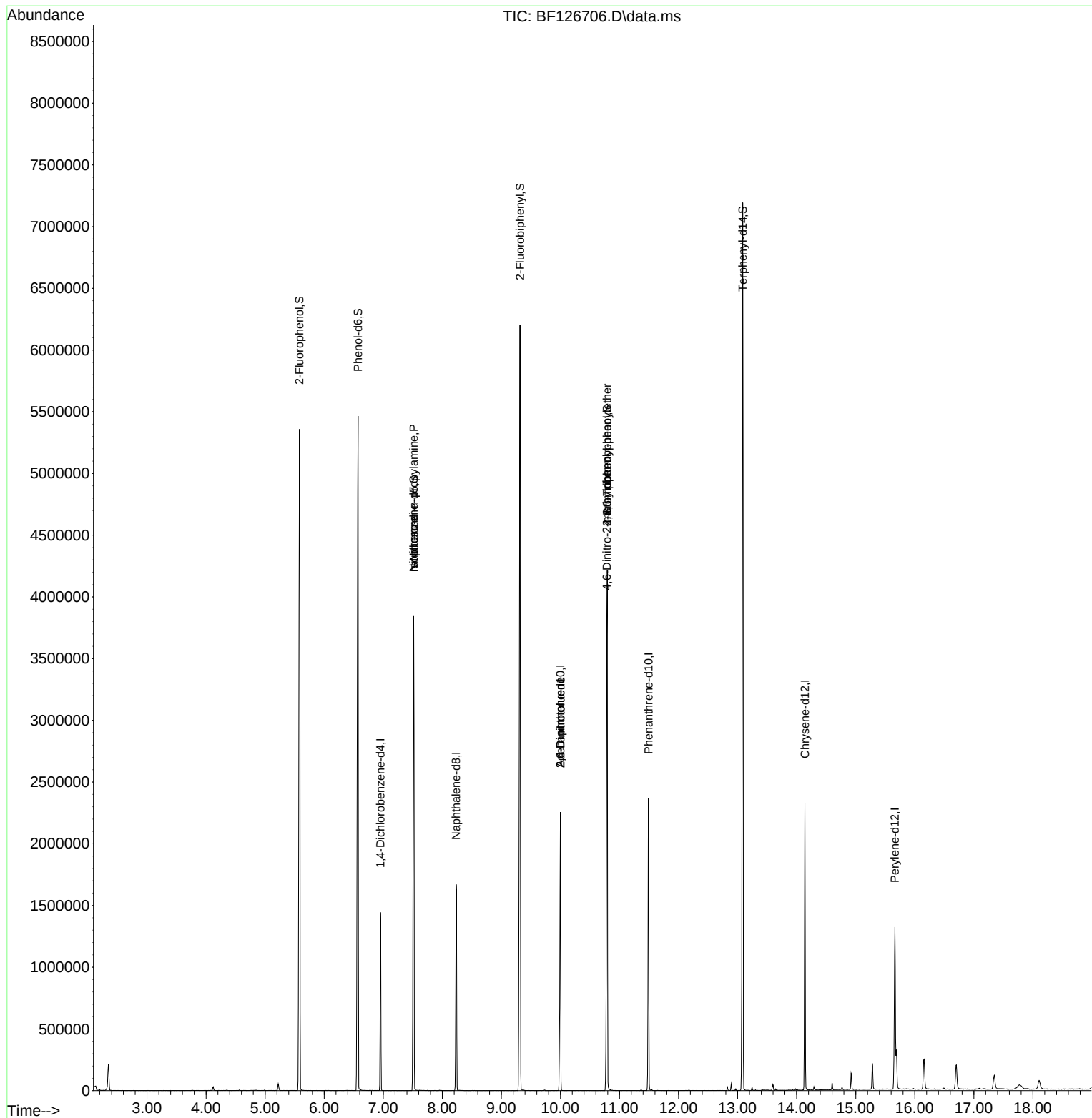
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	195120	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	805538	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	452417	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	812936	20.000	ng	0.00
76) Chrysene-d12	14.139	240	704755	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	585414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1786340	120.472	ng	0.01
7) Phenol-d6	6.575	99	2383899	115.714	ng	0.00
23) Nitrobenzene-d5	7.516	82	1731733	84.145	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	558371	131.880	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2226113	75.357	ng	0.00
79) Terphenyl-d14	13.086	244	2824649	67.224	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3835	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	228125	15.172	ng	# 70
25) Isophorone	7.516	82	1725762	43.239	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	56731	10.231	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	56731	8.443	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	1354	7.667	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	34745	3.708	ng	# 1

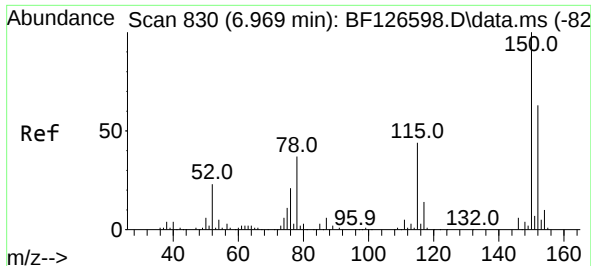
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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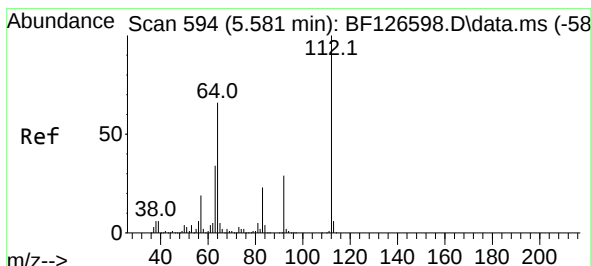
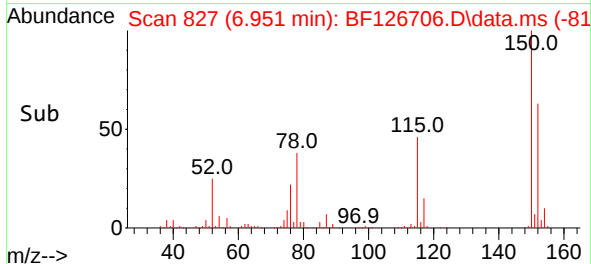
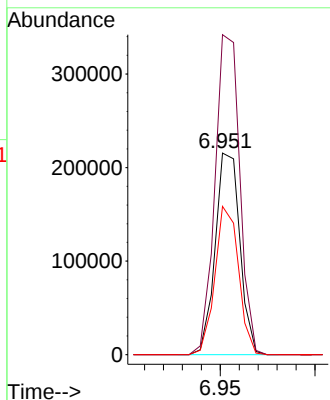
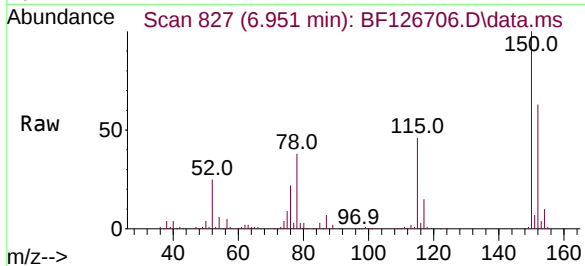




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126706.D
 Acq: 27 Jan 2022 10:53

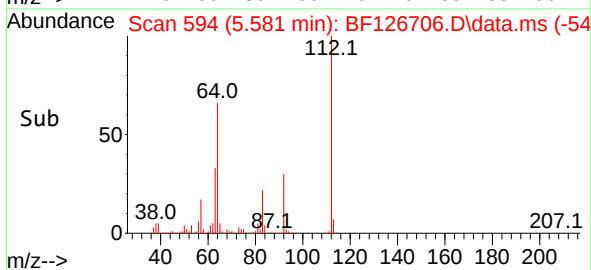
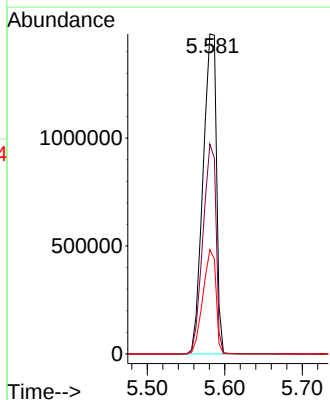
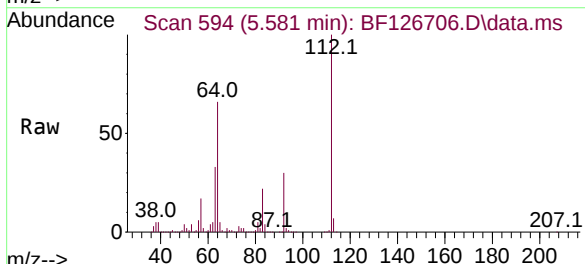
Instrument :
 BNA_F
 ClientSampleId :
 PB142292BL

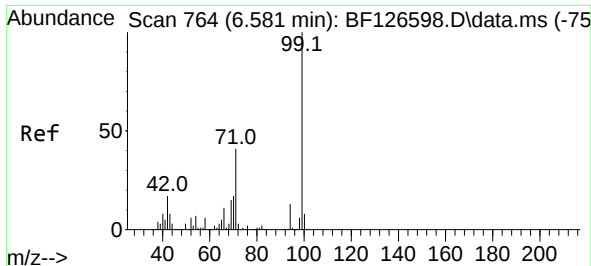
Tgt Ion:152 Resp: 195120
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.1 192.1
 115 73.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 120.472 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.012 min
 Lab File: BF126706.D
 Acq: 27 Jan 2022 10:53

Tgt Ion:112 Resp: 1786340
 Ion Ratio Lower Upper
 112 100
 64 65.6 49.5 74.3
 63 32.6 23.9 35.9

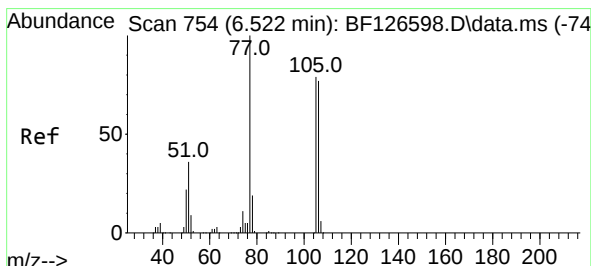
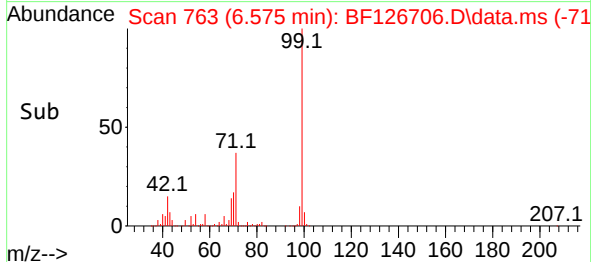
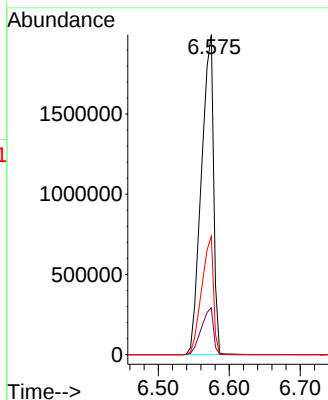
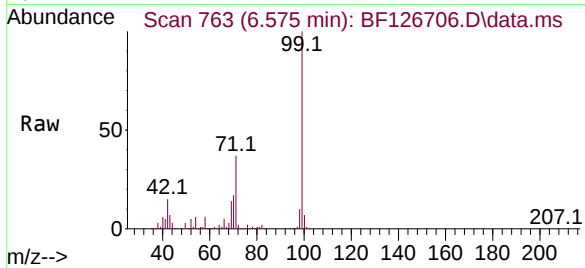




#7
Phenol-d6
Concen: 115.714 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

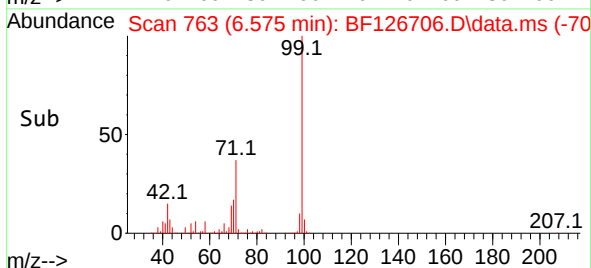
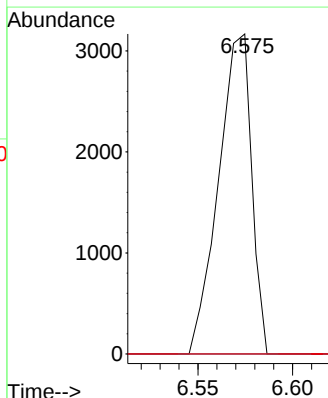
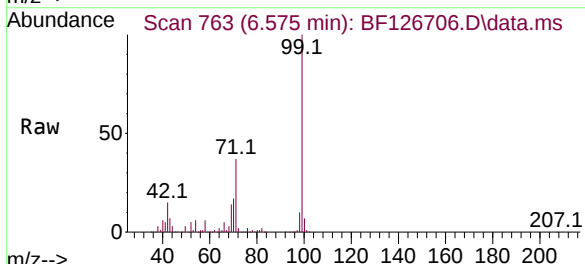
Instrument :
BNA_F
ClientSampleId :
PB142292BL

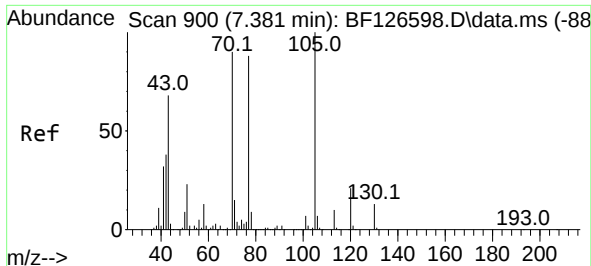
Tgt Ion: 99 Resp: 2383899
Ion Ratio Lower Upper
99 100
42 14.6 14.2 21.4
71 36.9 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.065 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

Tgt Ion: 77 Resp: 3835
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

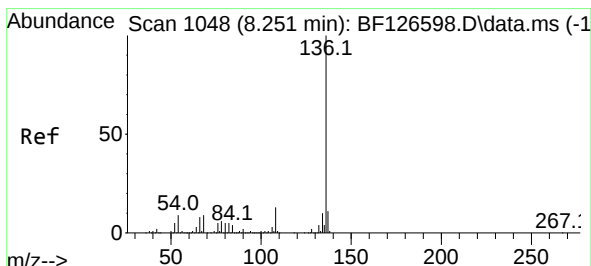
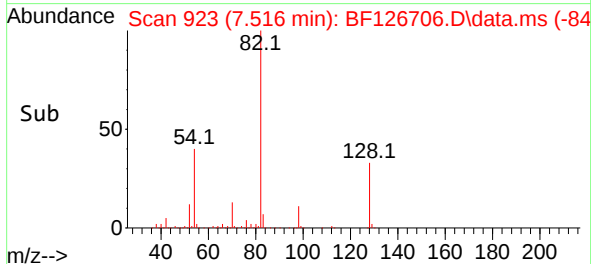
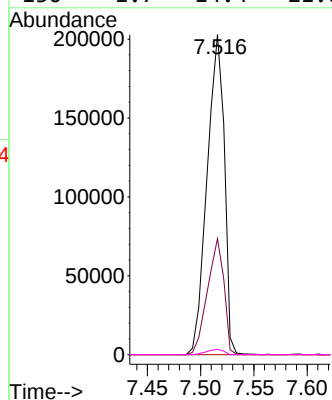
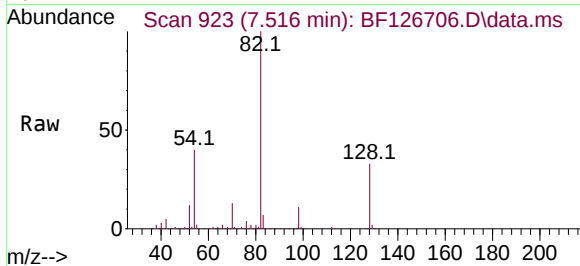




#19
n-Nitroso-di-n-propylamine
Concen: 15.172 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

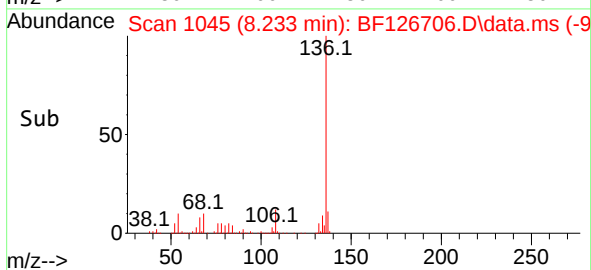
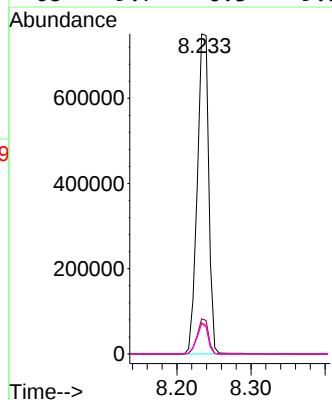
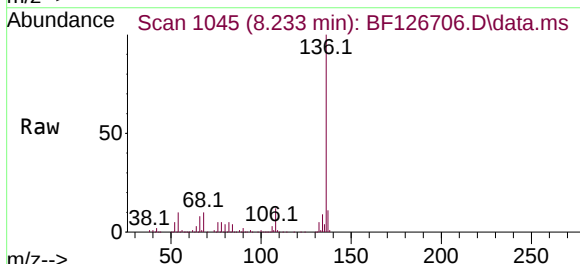
Instrument :
BNA_F
ClientSampleId :
PB142292BL

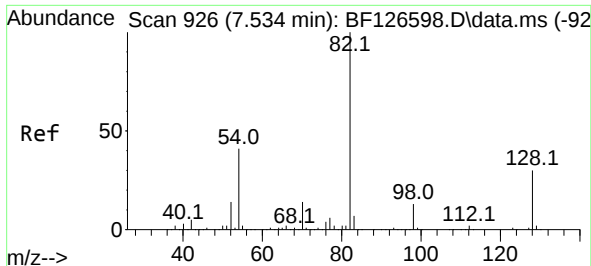
Tgt Ion: 70 Resp: 228125
Ion Ratio Lower Upper
70 100
42 36.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

Tgt Ion: 136 Resp: 805538
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.6
68 9.7 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 84.145 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126706.D

Acq: 27 Jan 2022 10:53

Instrument :

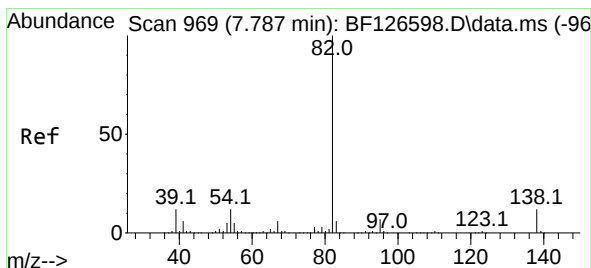
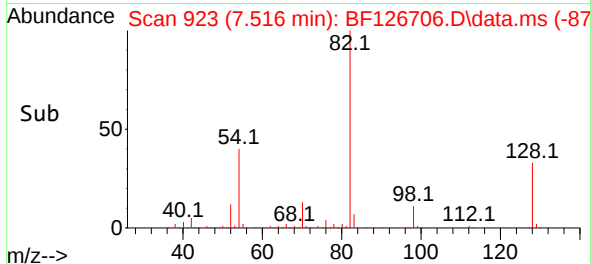
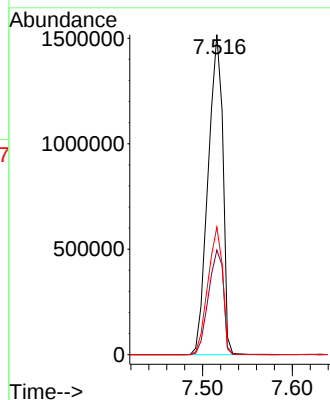
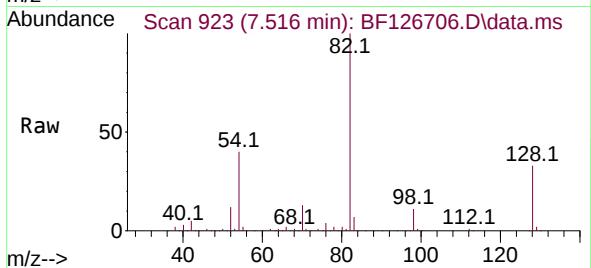
BNA_F

ClientSampleId :

PB142292BL

Tgt Ion: 82 Resp: 1731733

Ion	Ratio	Lower	Upper
82	100		
128	32.7	32.7	49.1#
54	39.9	41.7	62.5#



#25

Isophorone

Concen: 43.239 ng

RT: 7.516 min Scan# 923

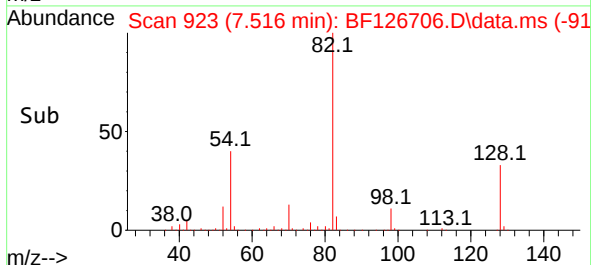
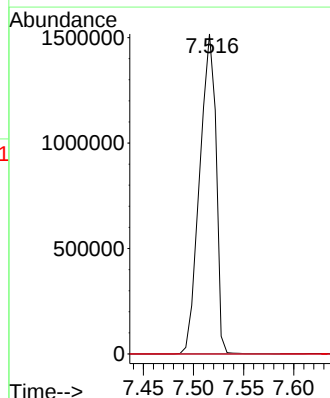
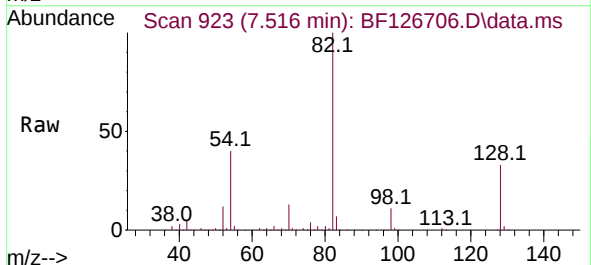
Delta R.T. -0.265 min

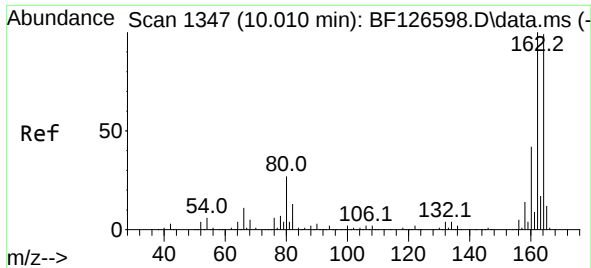
Lab File: BF126706.D

Acq: 27 Jan 2022 10:53

Tgt Ion: 82 Resp: 1725762

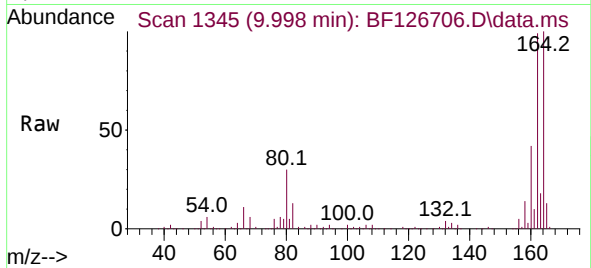
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#



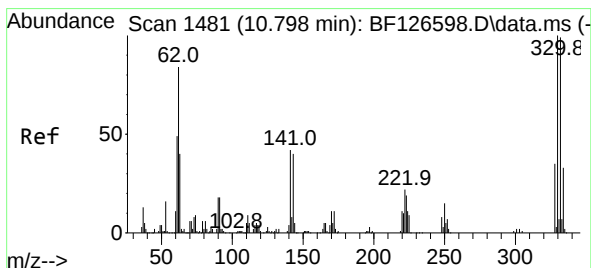
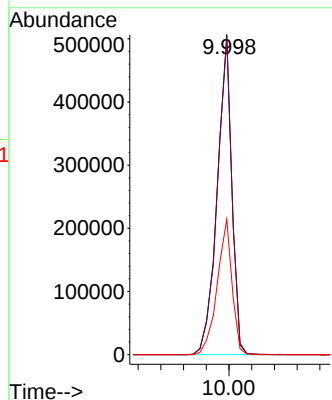
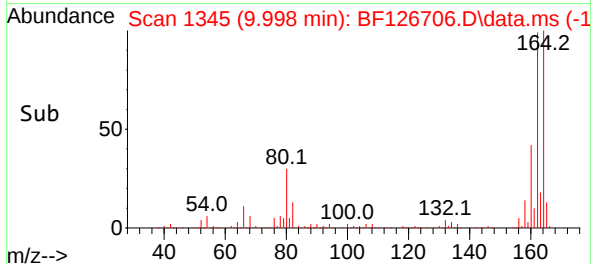


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

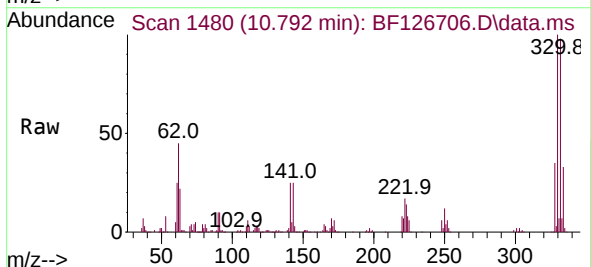
Instrument :
BNA_F
ClientSampleId :
PB142292BL



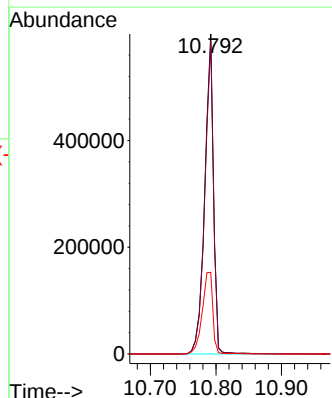
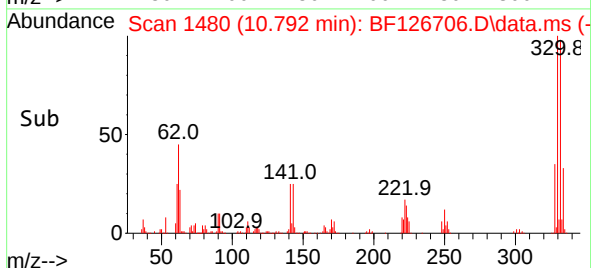
Tgt Ion:164 Resp: 452417
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 42.3 36.6 54.8

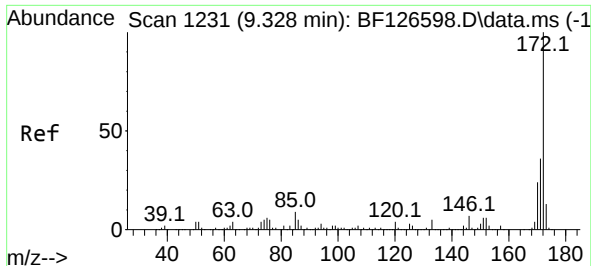


#42
2,4,6-Tribromophenol
Concen: 131.880 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53



Tgt Ion:330 Resp: 558371
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 30.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 75.357 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126706.D

Acq: 27 Jan 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB142292BL

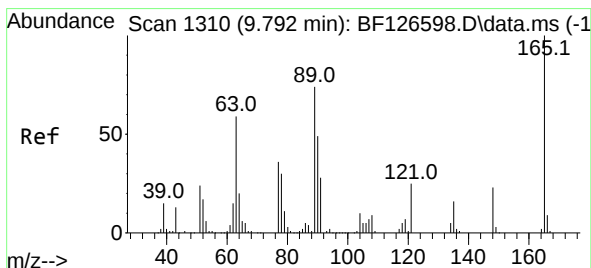
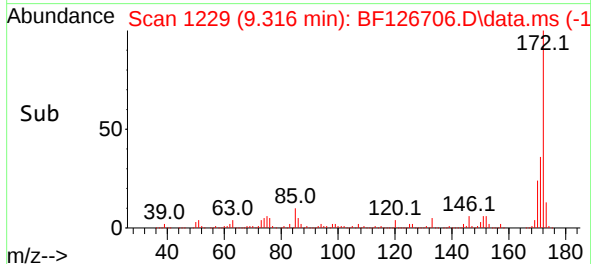
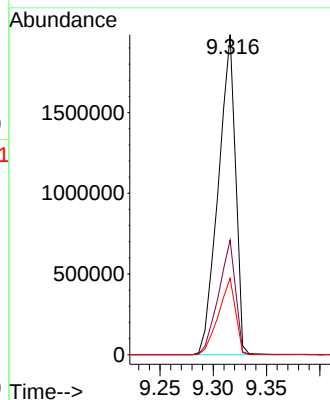
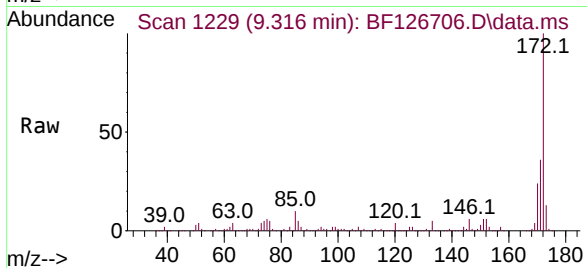
Tgt Ion:172 Resp: 2226113

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.231 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126706.D

Acq: 27 Jan 2022 10:53

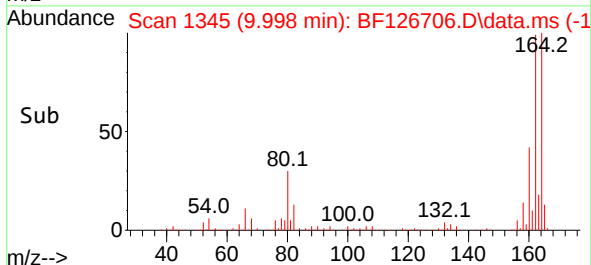
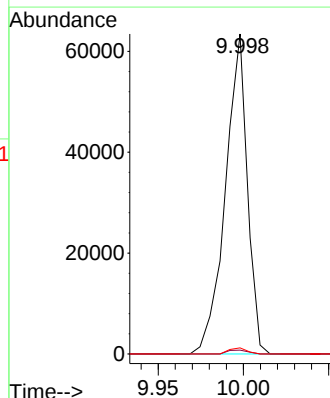
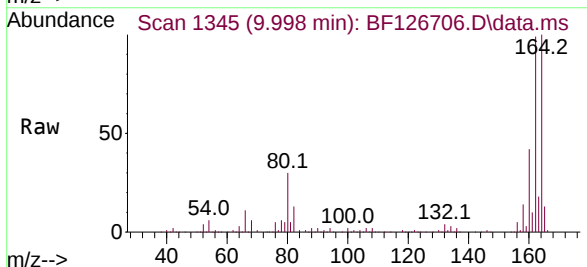
Tgt Ion:165 Resp: 56731

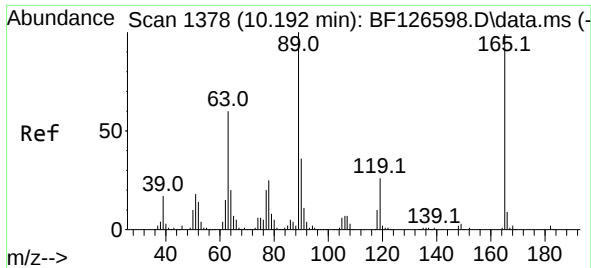
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.9 50.5 75.7#

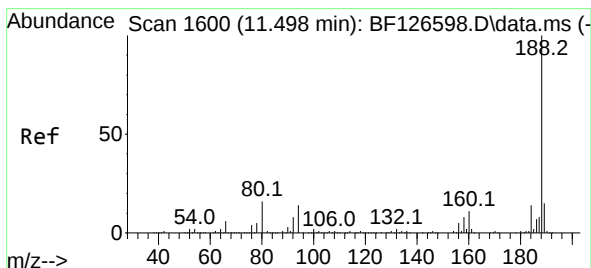
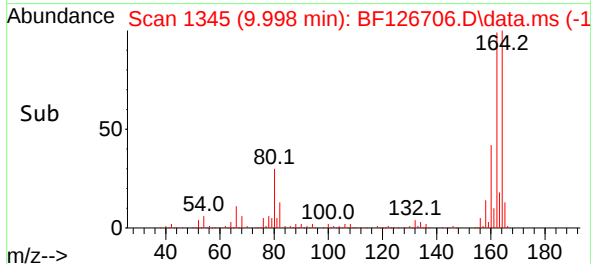
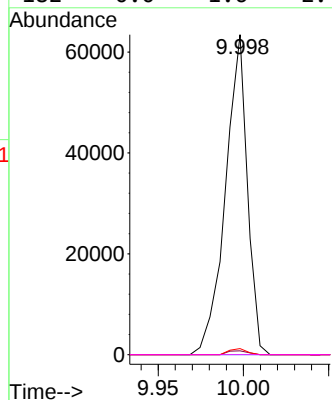
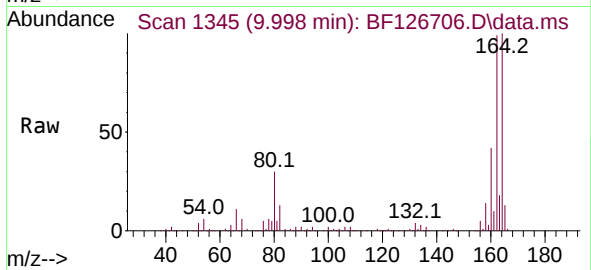




#57
2,4-Dinitrotoluene
Concen: 8.443 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

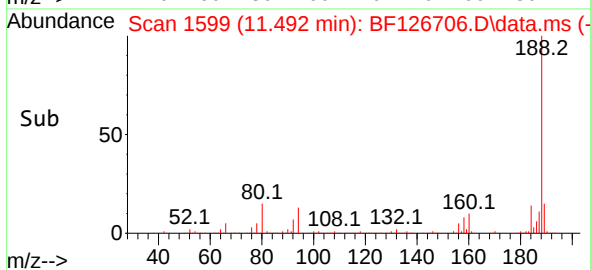
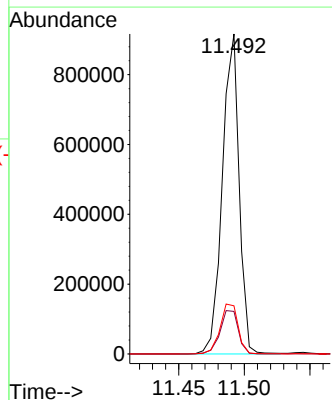
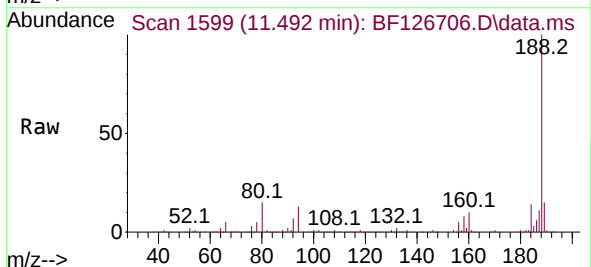
Instrument :
BNA_F
ClientSampleId :
PB142292BL

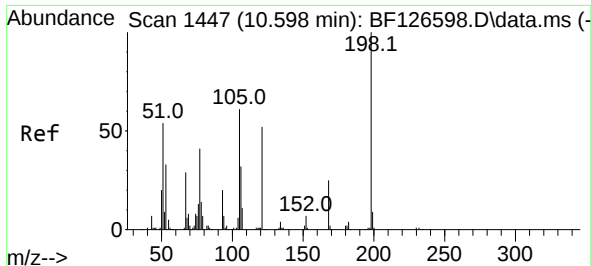
Tgt Ion:165 Resp: 56731
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

Tgt Ion:188 Resp: 812936
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 15.1 11.8 17.6

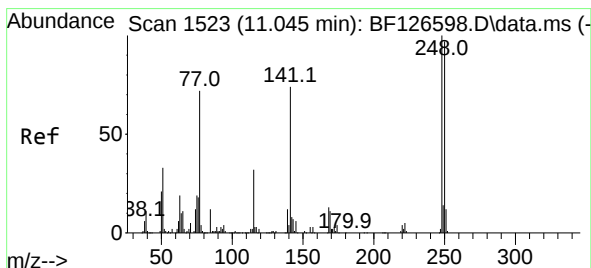
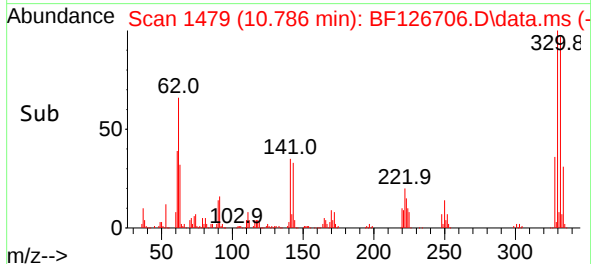
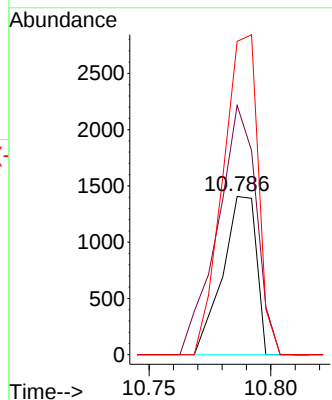
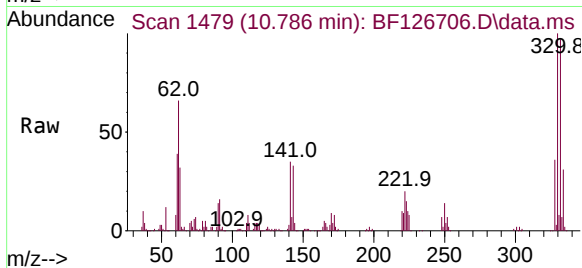




#65
4,6-Dinitro-2-methylphenol
Concen: 7.667 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

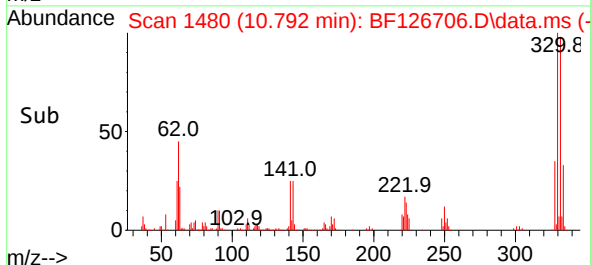
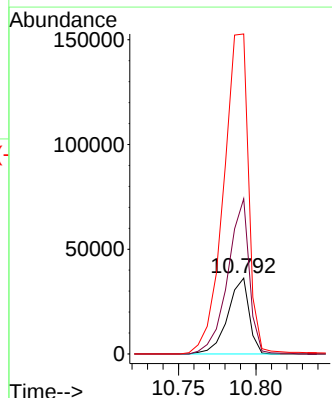
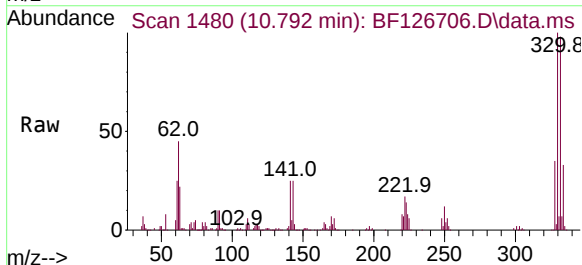
Instrument :
BNA_F
ClientSampleId :
PB142292BL

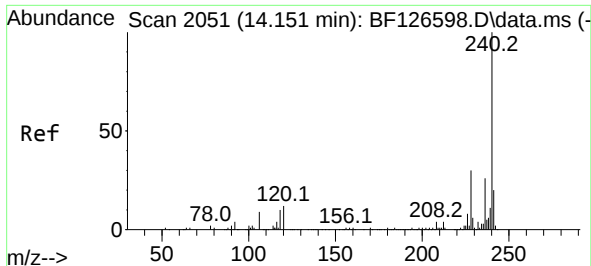
Tgt Ion:198 Resp: 1354
Ion Ratio Lower Upper
198 100
51 157.5 32.0 72.0#
105 197.9 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

Tgt Ion:248 Resp: 34745
Ion Ratio Lower Upper
248 100
250 204.5 76.2 114.4#
141 421.5 66.2 99.4#

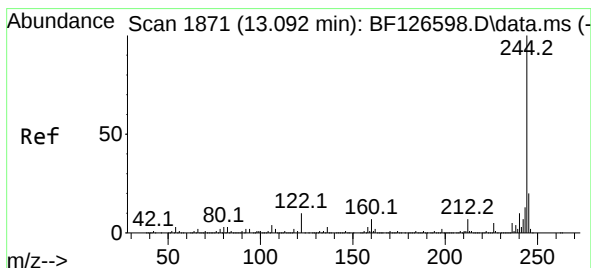
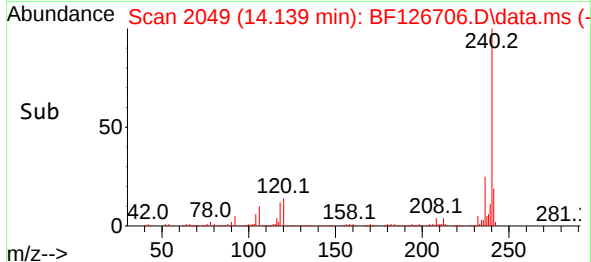
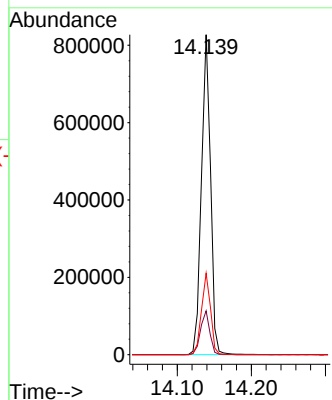
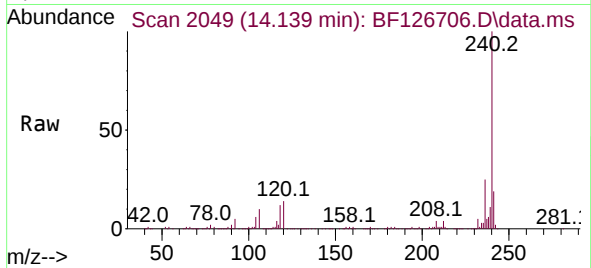




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

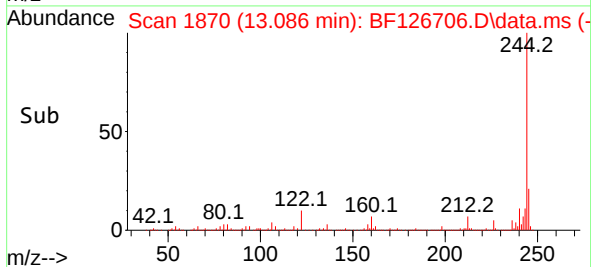
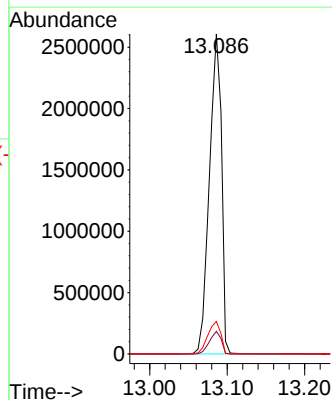
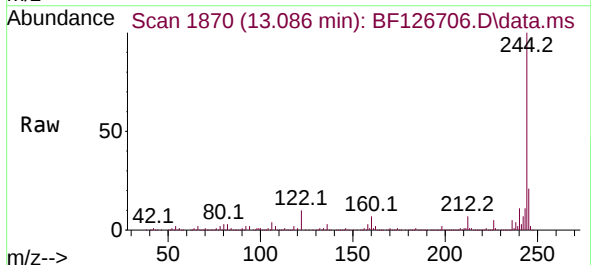
Instrument :
BNA_F
ClientSampleId :
PB142292BL

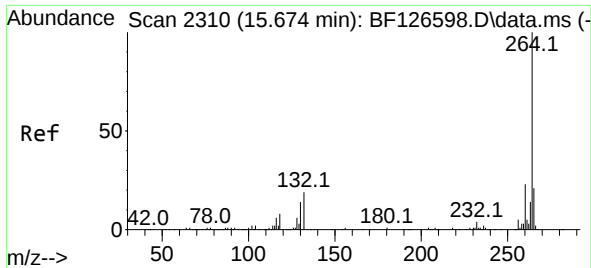
Tgt Ion:240 Resp: 704755
Ion Ratio Lower Upper
240 100
120 13.7 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 67.224 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

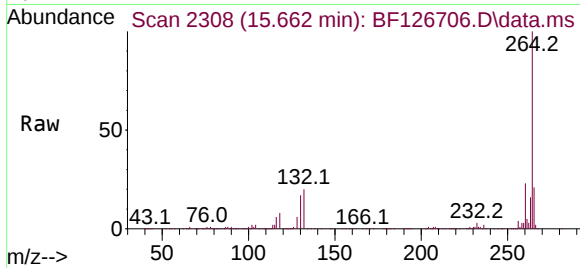
Tgt Ion:244 Resp: 2824649
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 10.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126706.D
Acq: 27 Jan 2022 10:53

Instrument :
BNA_F
ClientSampleId :
PB142292BL



Tgt Ion:264 Resp: 585414
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.0 17.4 26.2

