

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126655.D
 Acq On : 25 Jan 2022 10:38
 Operator : CG/JU
 Sample : PB142212BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142212BL

Quant Time: Jan 26 00:19:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

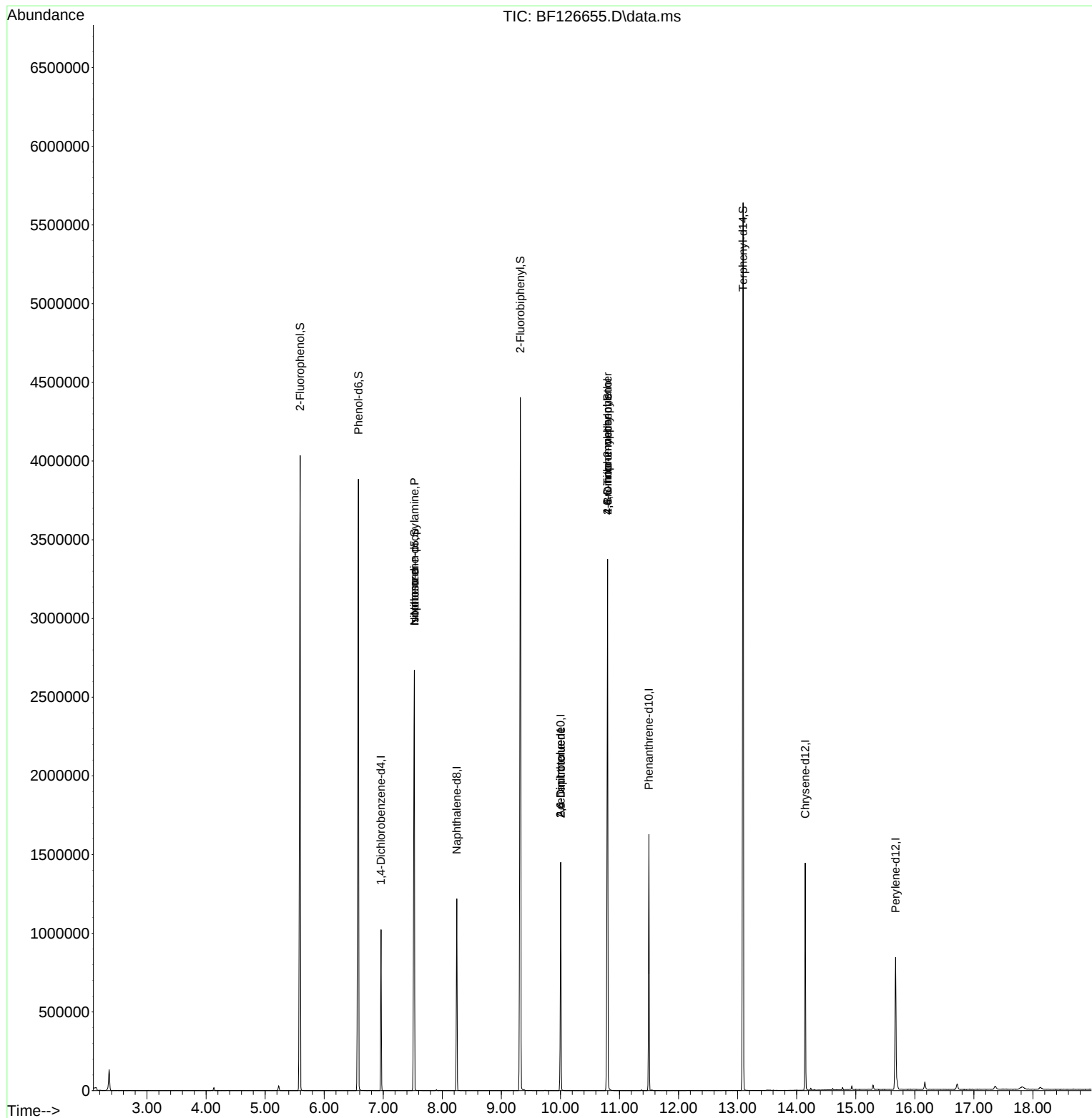
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123487	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	500364	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	282042	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	511802	20.000	ng	0.00
76) Chrysene-d12	14.145	240	456842	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	382028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1110902	118.380	ng	0.01
7) Phenol-d6	6.581	99	1497508	114.855	ng	0.00
23) Nitrobenzene-d5	7.528	82	1135821	88.850	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	374717	141.966	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1500597	81.483	ng	0.00
79) Terphenyl-d14	13.092	244	2028861	74.488	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2828	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.528	70	155205	16.310	ng	# 68
25) Isophorone	7.528	82	1133301	45.713	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	36540	10.571	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	36540	8.723	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.798	198	1032	7.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	25224	4.276	ng	# 1

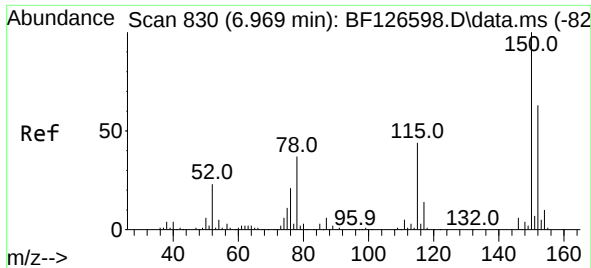
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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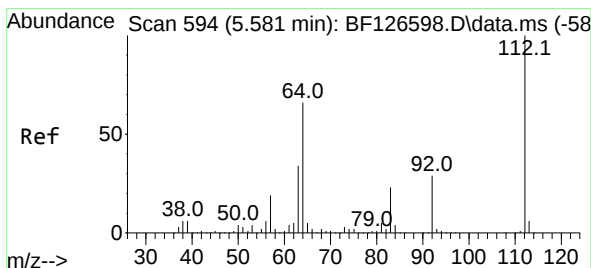
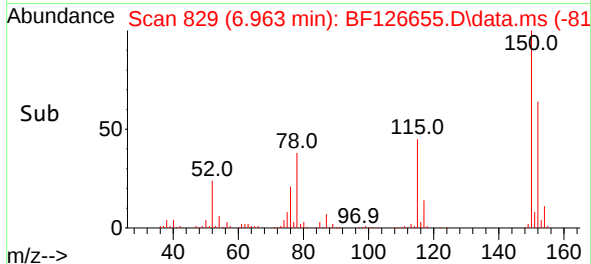
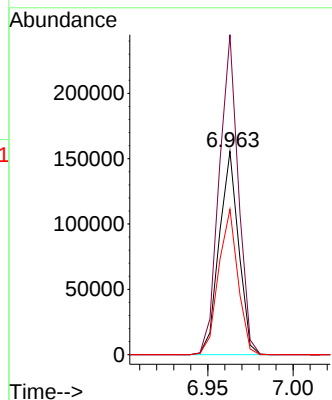
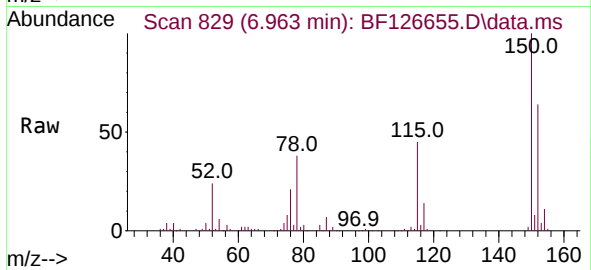




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

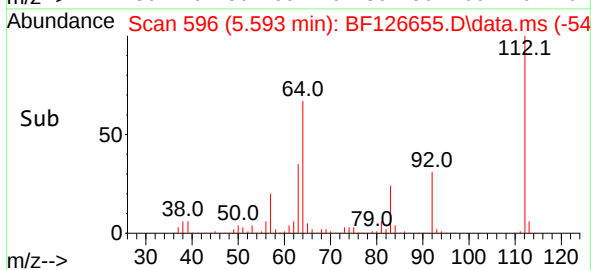
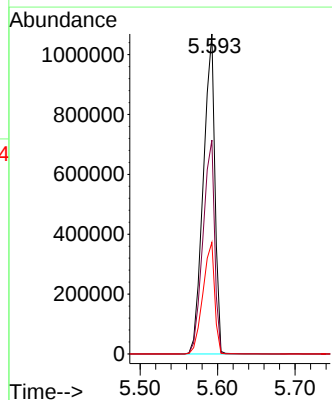
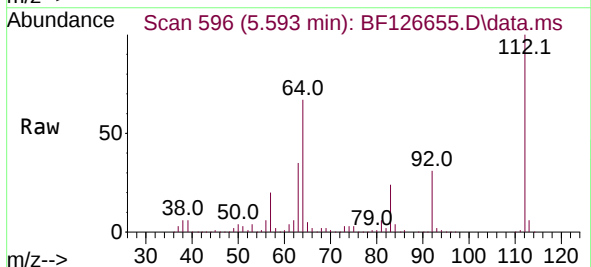
Instrument :
BNA_F
ClientSampleId :
PB142212BL

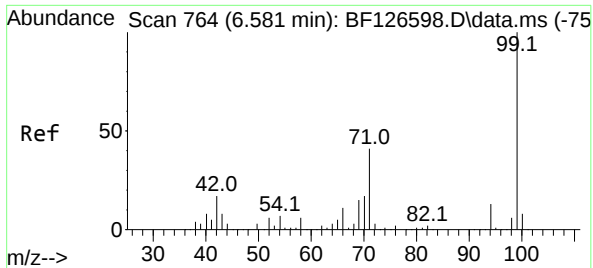
Tgt Ion:152 Resp: 123487
Ion Ratio Lower Upper
152 100
150 157.4 128.1 192.1
115 71.6 56.7 85.1



#5
2-Fluorophenol
Concen: 118.380 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

Tgt Ion:112 Resp: 1110902
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 34.8 23.9 35.9

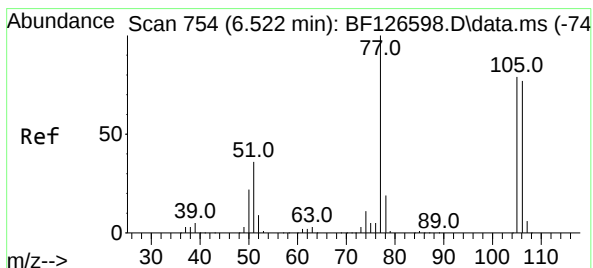
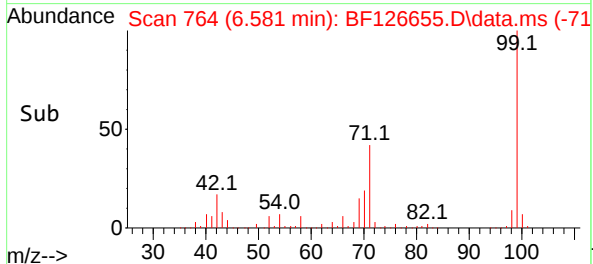
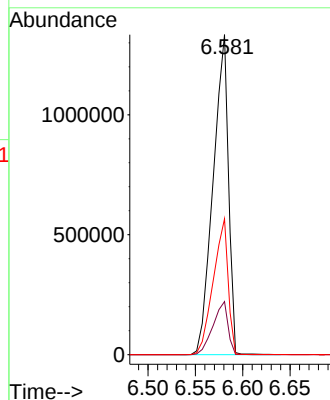
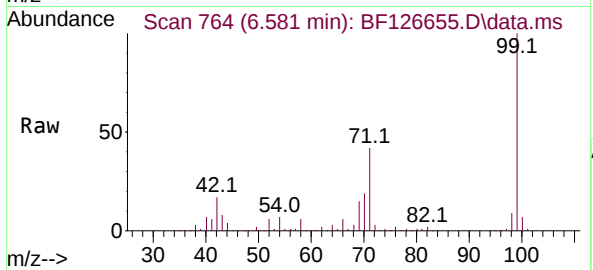




#7
Phenol-d6
Concen: 114.855 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

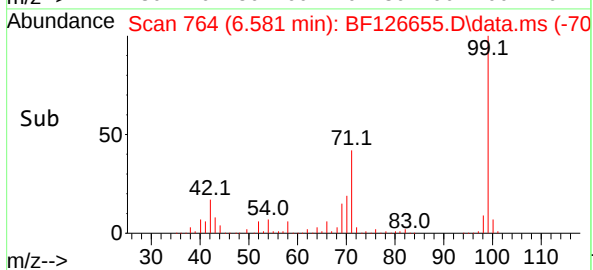
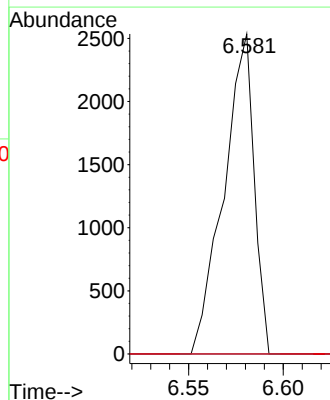
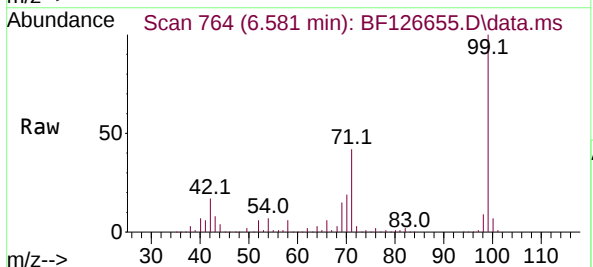
Instrument :
BNA_F
ClientSampleId :
PB142212BL

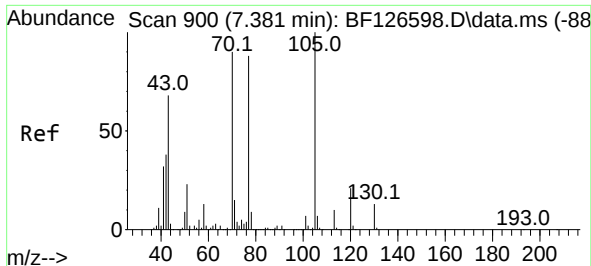
Tgt Ion: 99 Resp: 1497508
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 42.4 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.059 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

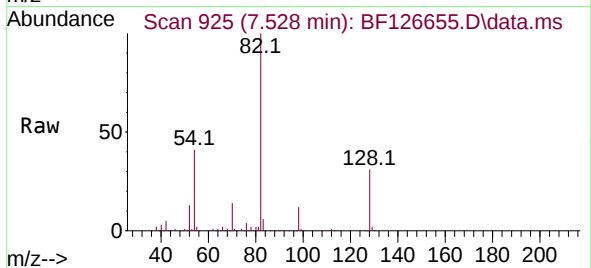
Tgt Ion: 77 Resp: 2828
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



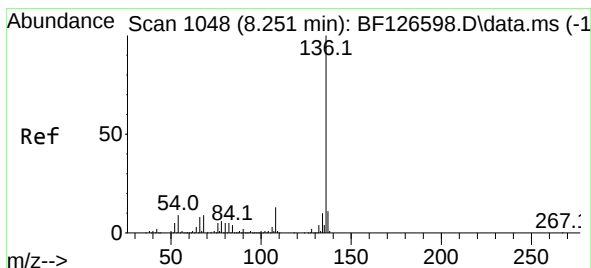
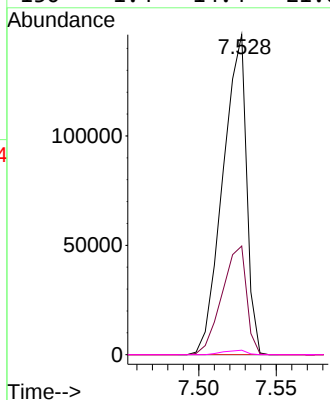
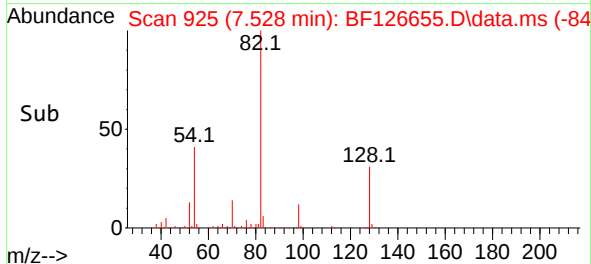


#19
n-Nitroso-di-n-propylamine
Concen: 16.310 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

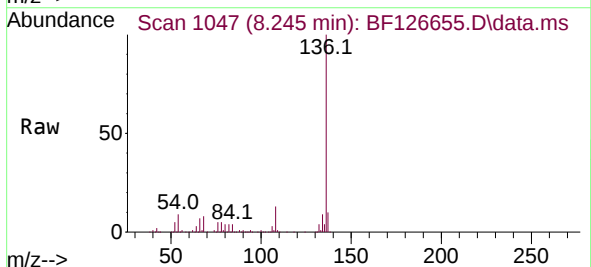
Instrument :
BNA_F
ClientSampleId :
PB142212BL



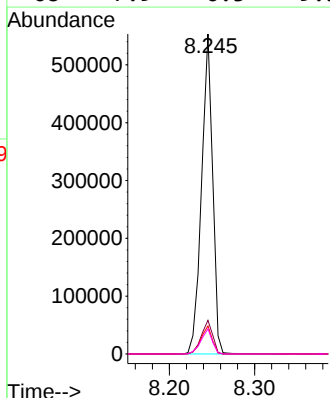
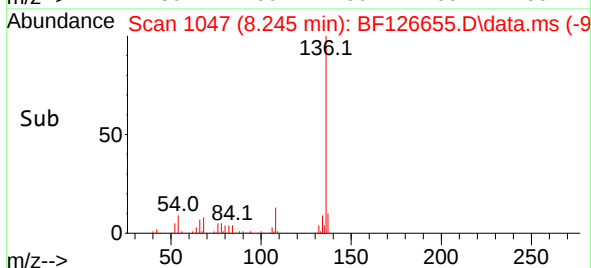
Tgt Ion: 70 Resp: 155205
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

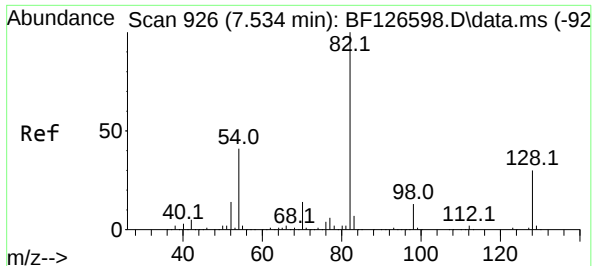


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38



Tgt Ion: 136 Resp: 500364
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 7.8 11.6
68 7.9 6.3 9.5

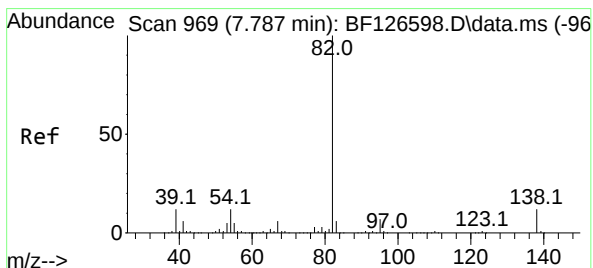
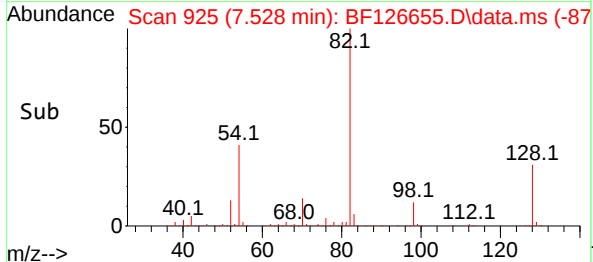
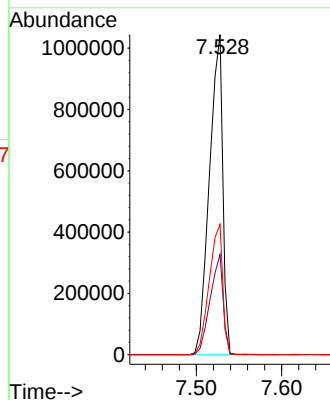
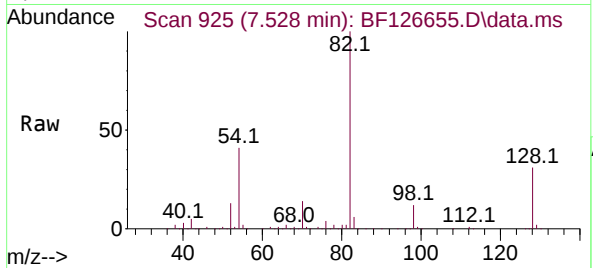




#23
Nitrobenzene-d5
Concen: 88.850 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

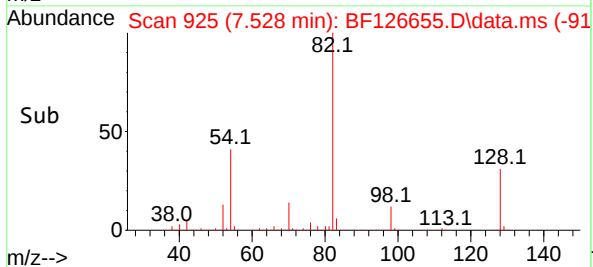
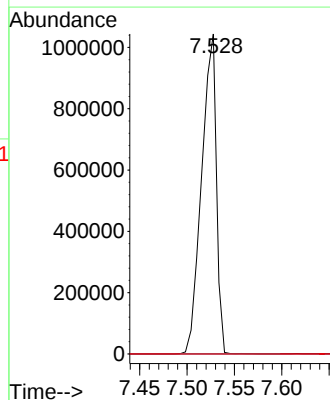
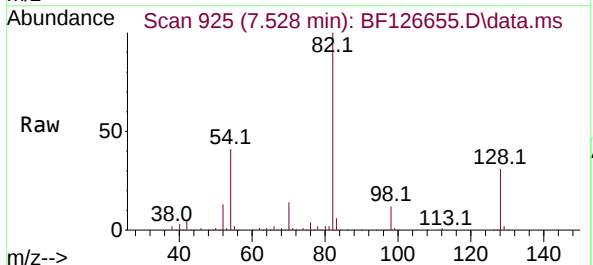
Instrument :
BNA_F
ClientSampleId :
PB142212BL

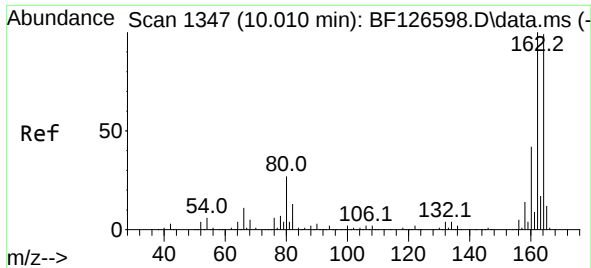
Tgt Ion: 82 Resp: 1135821
Ion Ratio Lower Upper
82 100
128 31.3 32.7 49.1#
54 40.7 41.7 62.5#



#25
Isophorone
Concen: 45.713 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

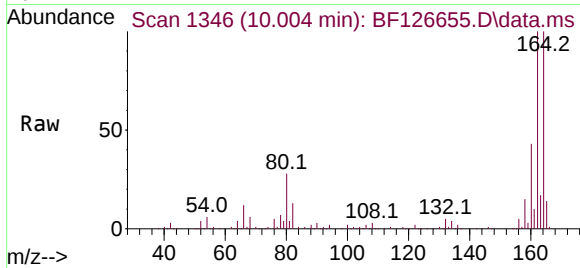
Tgt Ion: 82 Resp: 1133301
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



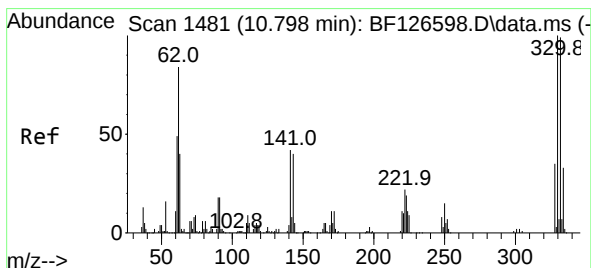
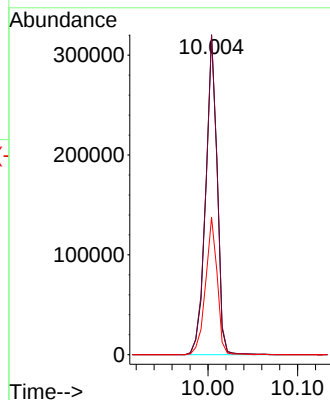
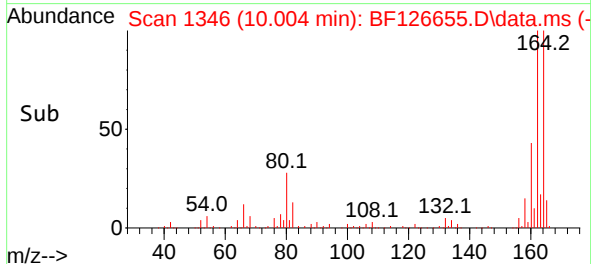


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

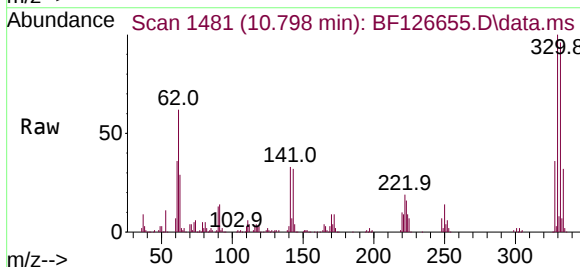
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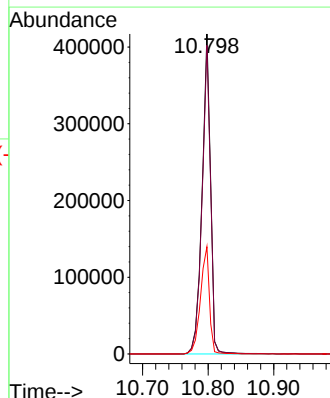
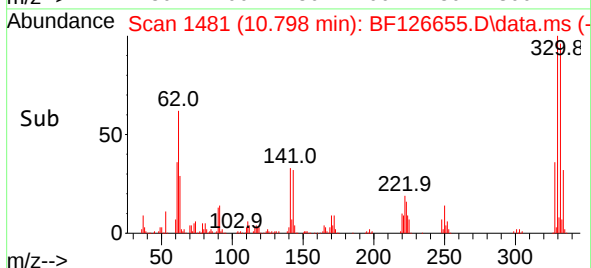
Tgt Ion:164 Resp: 282042
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.0 36.6 54.8

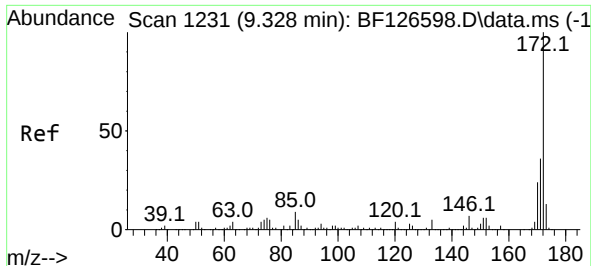


#42
2,4,6-Tribromophenol
Concen: 141.966 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38



Tgt Ion:330 Resp: 374717
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 35.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.483 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126655.D

Acq: 25 Jan 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB142212BL

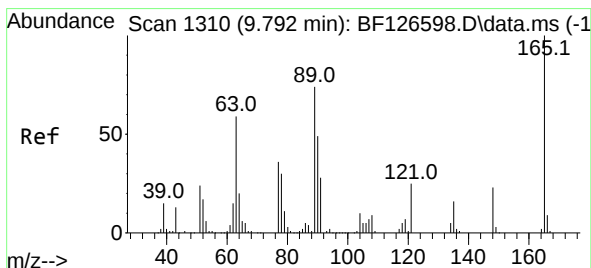
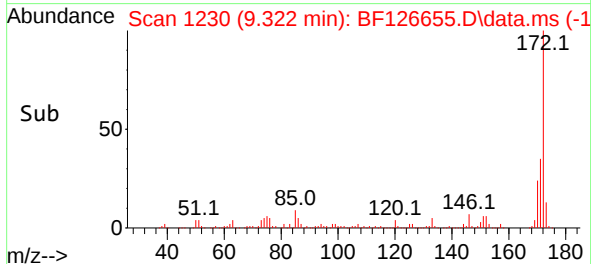
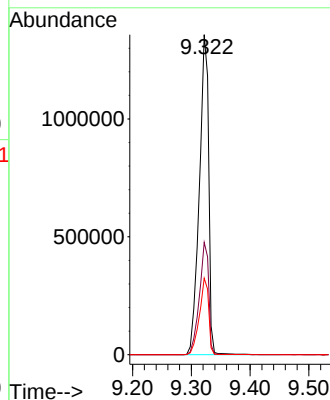
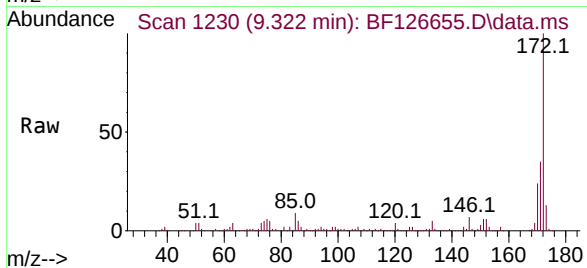
Tgt Ion:172 Resp: 1500597

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.571 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126655.D

Acq: 25 Jan 2022 10:38

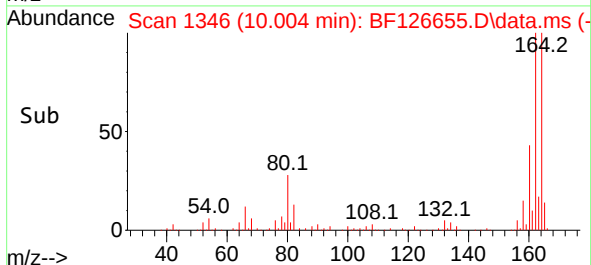
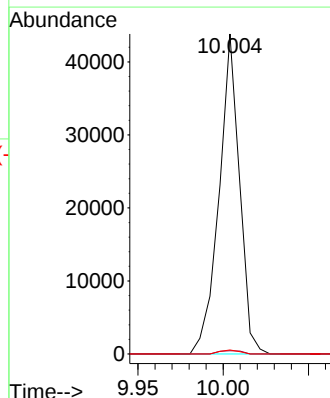
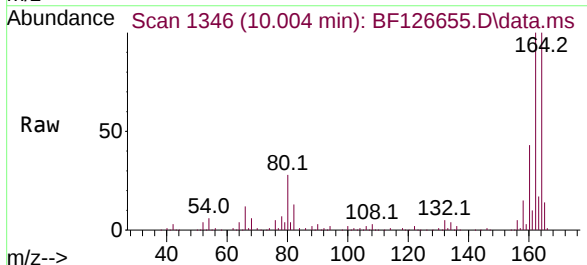
Tgt Ion:165 Resp: 36540

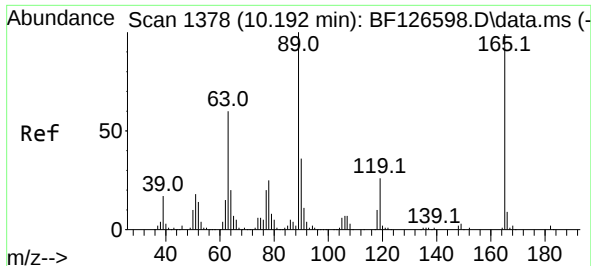
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.3 50.5 75.7#

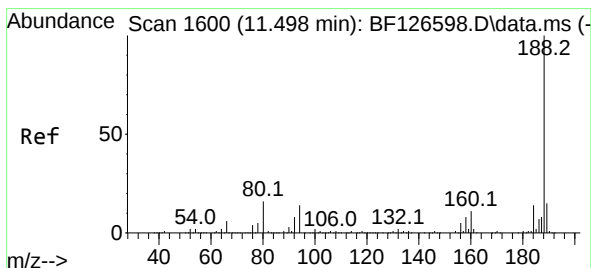
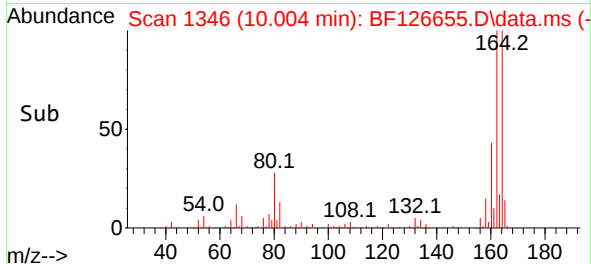
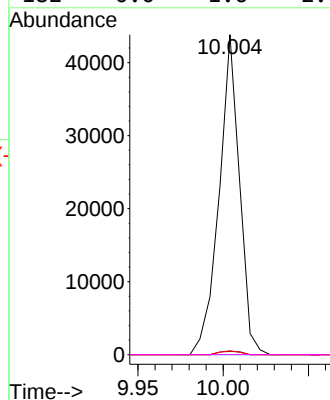
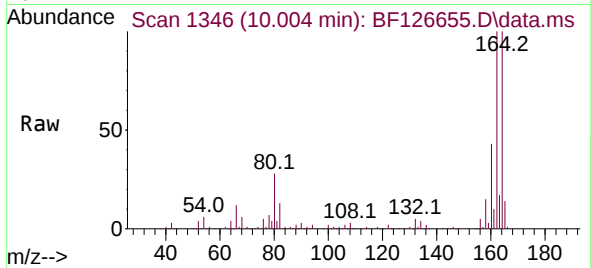




#57
2,4-Dinitrotoluene
Concen: 8.723 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

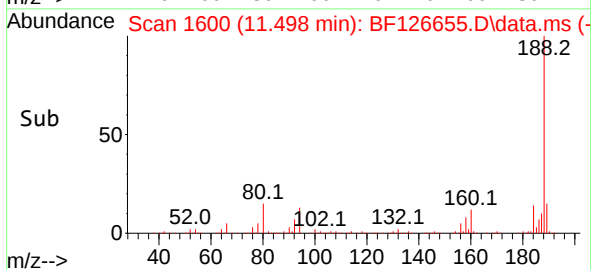
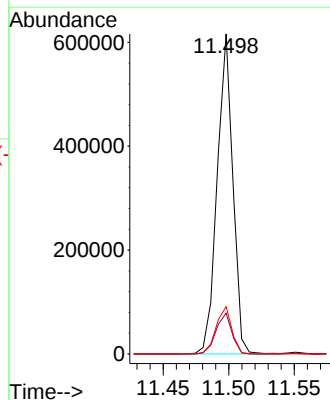
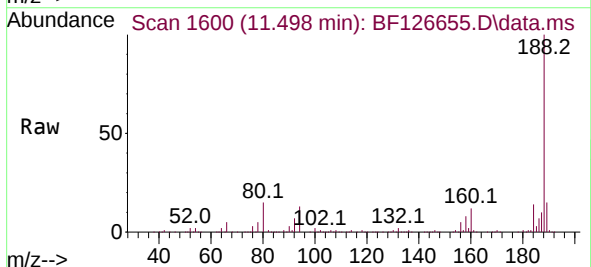
Instrument :
BNA_F
ClientSampleId :
PB142212BL

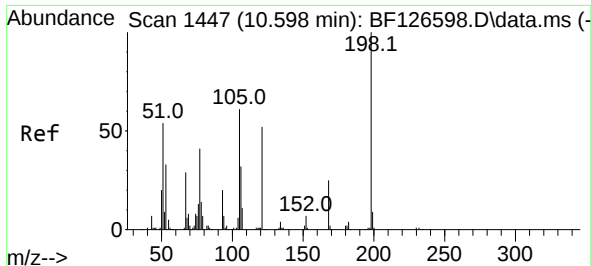
Tgt Ion:165 Resp: 36540
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

Tgt Ion:188 Resp: 511802
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 14.8 11.8 17.6

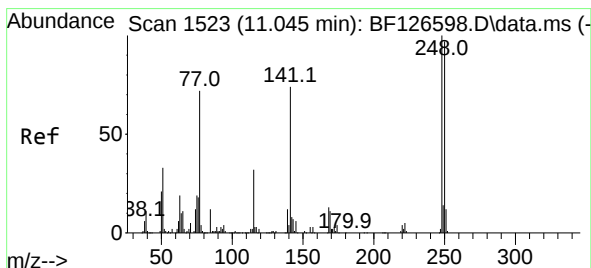
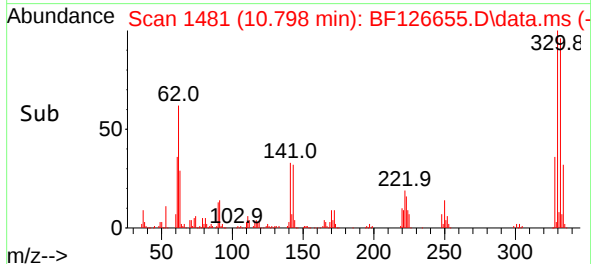
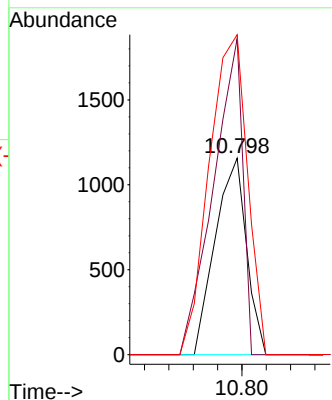
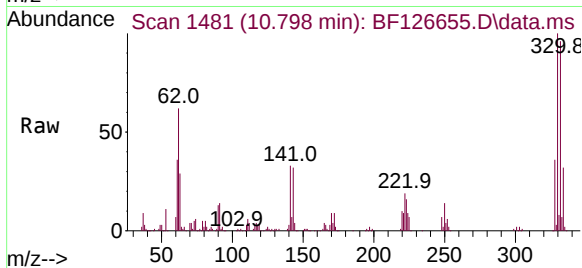




#65
4,6-Dinitro-2-methylphenol
Concen: 7.729 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

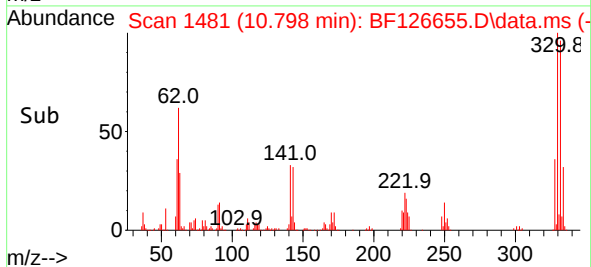
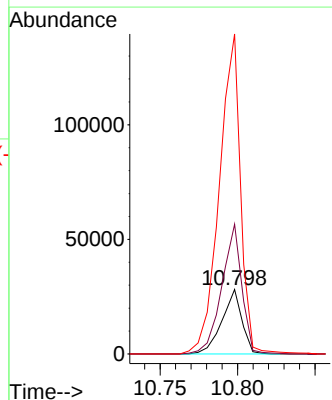
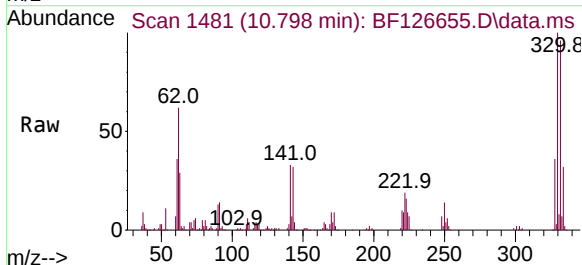
Instrument :
BNA_F
ClientSampleId :
PB142212BL

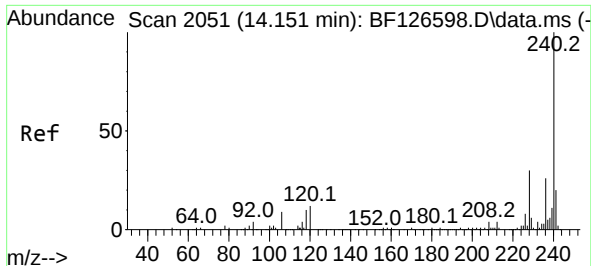
Tgt Ion:198 Resp: 1032
Ion Ratio Lower Upper
198 100
51 160.8 32.0 72.0#
105 162.8 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.276 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

Tgt Ion:248 Resp: 25224
Ion Ratio Lower Upper
248 100
250 201.1 76.2 114.4#
141 495.8 66.2 99.4#

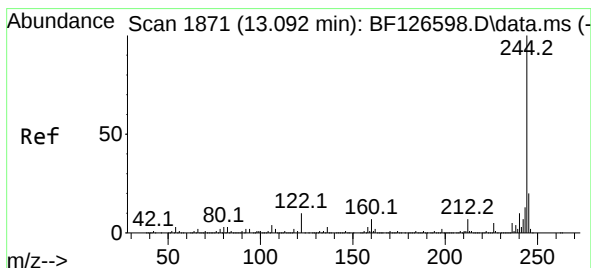
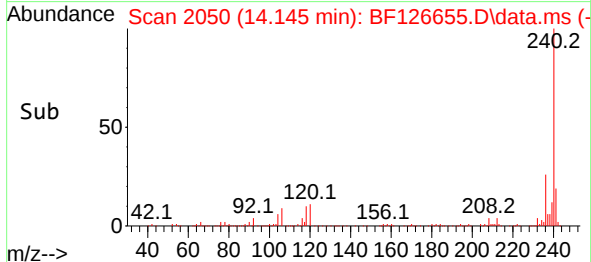
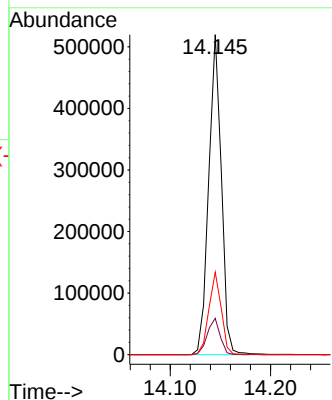
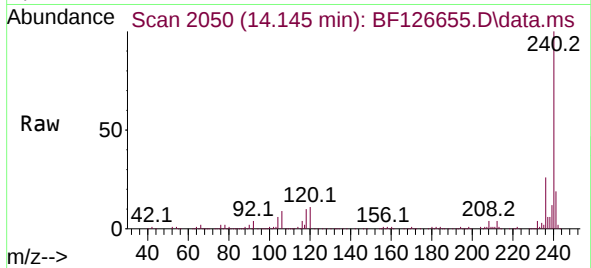




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

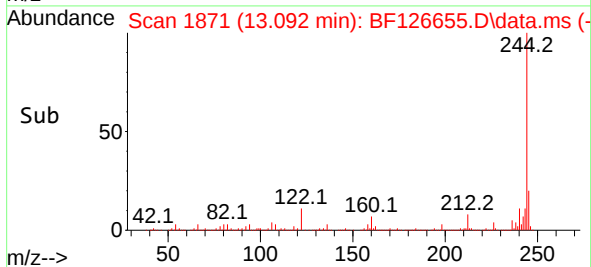
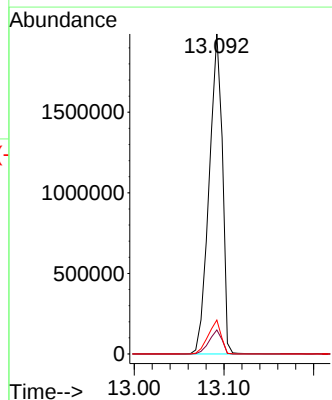
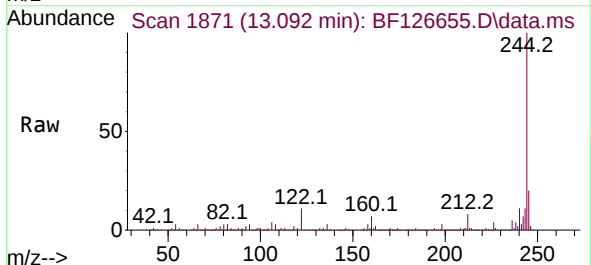
Instrument :
BNA_F
ClientSampleId :
PB142212BL

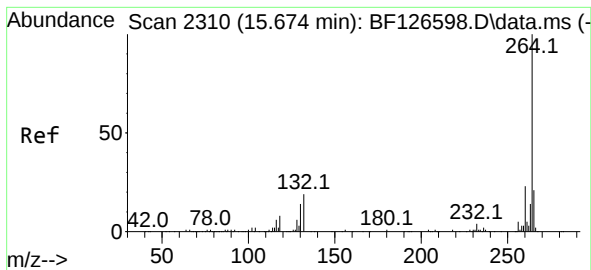
Tgt Ion:240 Resp: 456842
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 74.488 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BF126655.D
Acq: 25 Jan 2022 10:38

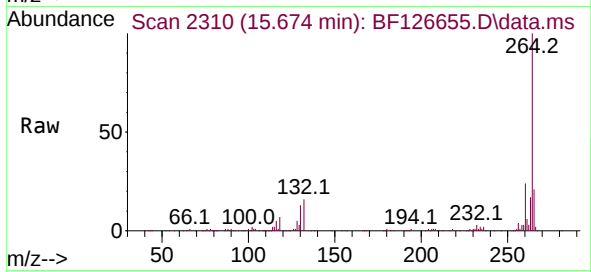
Tgt Ion:244 Resp: 2028861
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 10.6 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126655.D
 Acq: 25 Jan 2022 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB142212BL



Tgt Ion:264 Resp: 382028
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.8 17.4 26.2

