

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126629.D
 Acq On : 24 Jan 2022 10:22
 Operator : CG/JU
 Sample : PB142136TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142136TB

Quant Time: Jan 24 13:08:12 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)

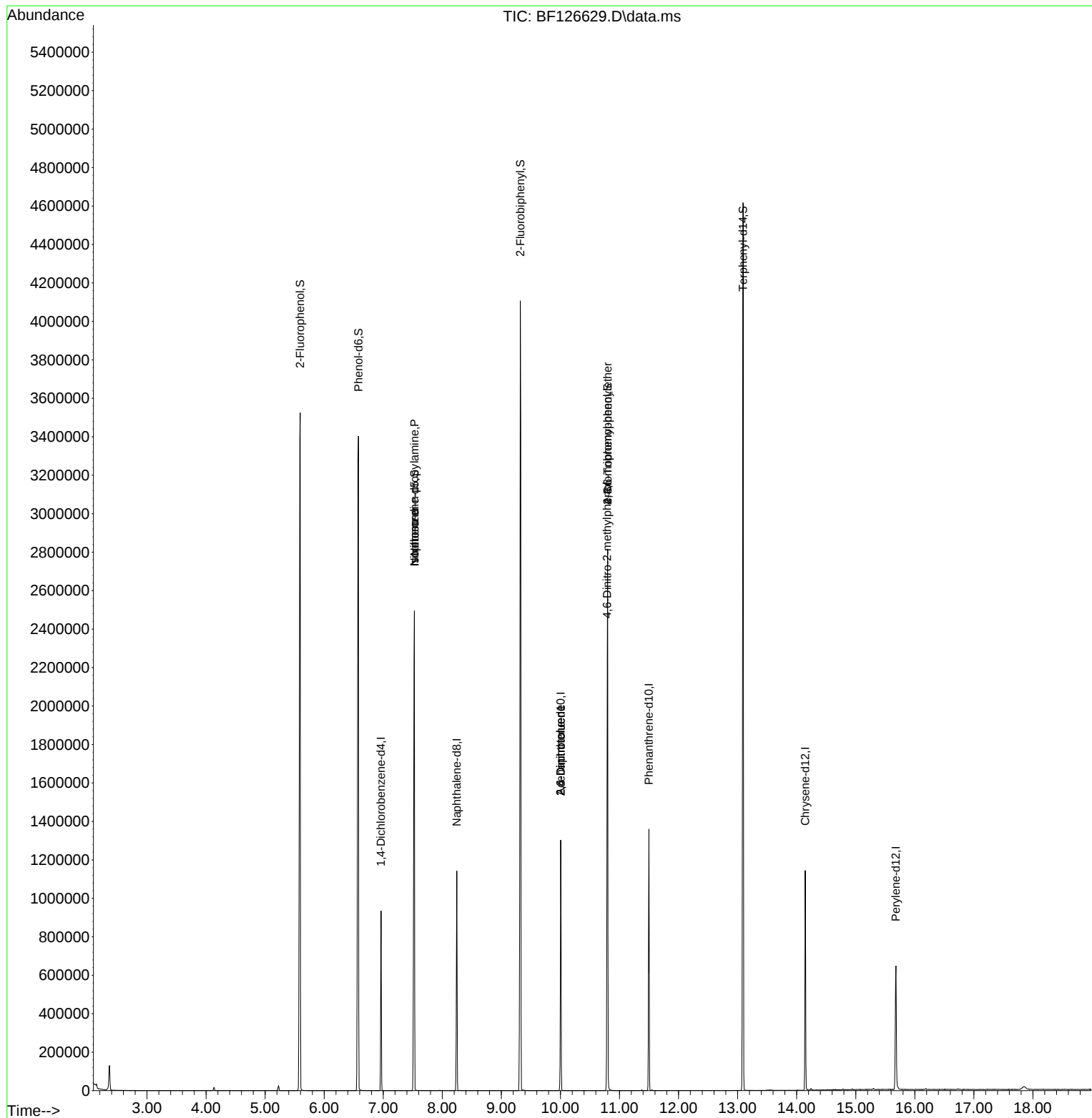
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111373	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	436185	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	241848	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	424345	20.000	ng	0.00
76) Chrysene-d12	14.145	240	353160	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	296856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1021604	120.705	ng	0.01
7) Phenol-d6	6.581	99	1395136	118.642	ng	0.00
23) Nitrobenzene-d5	7.528	82	1021468	91.661	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	282592	124.857	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1282889	81.239	ng	0.00
79) Terphenyl-d14	13.092	244	1517917	72.090	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2378	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.528	70	138068	16.087	ng	# 70
25) Isophorone	7.528	82	1021447	47.264	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29905	10.089	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	29905	8.326	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	869	7.734	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	18251	3.732	ng	# 1

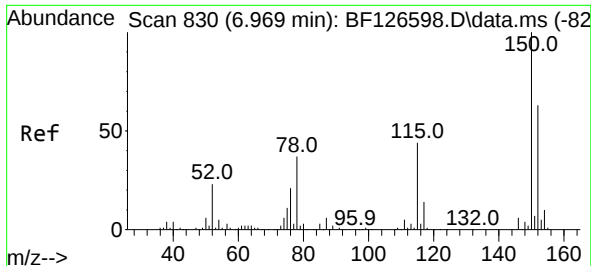
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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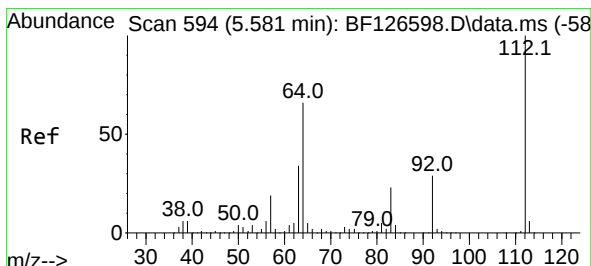
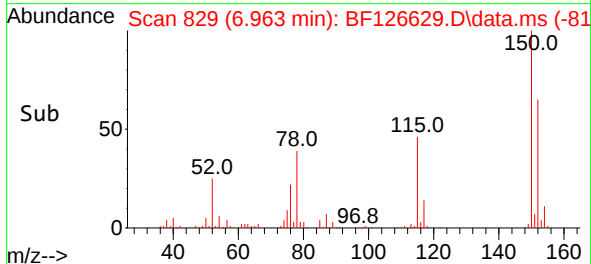
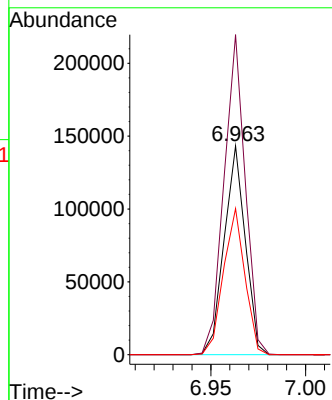
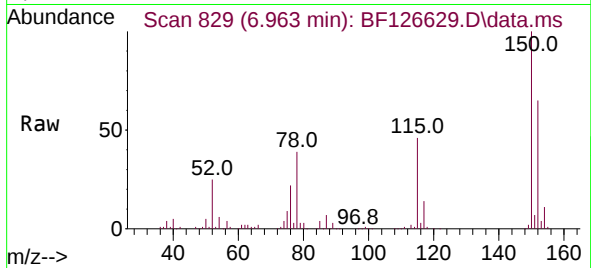




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

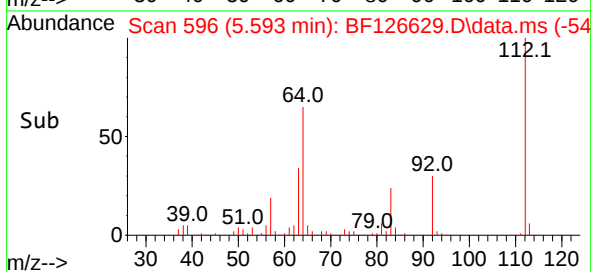
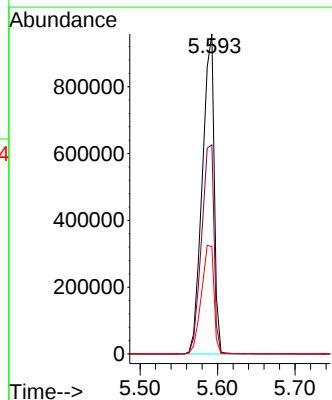
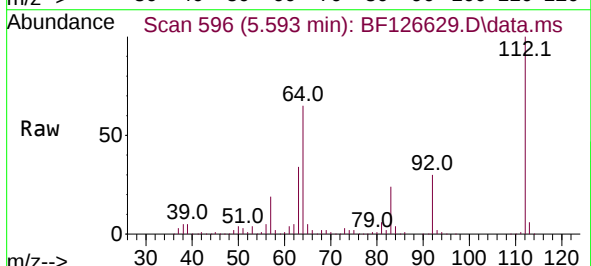
Instrument :
BNA_F
ClientSampleId :
PB142136TB

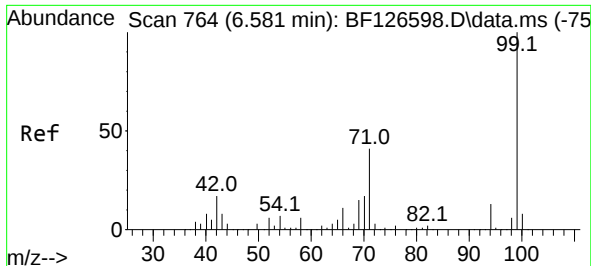
Tgt Ion:152 Resp: 111373
Ion Ratio Lower Upper
152 100
150 153.2 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 120.705 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

Tgt Ion:112 Resp: 1021604
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 33.5 23.9 35.9





#7

Phenol-d6

Concen: 118.642 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

Instrument :

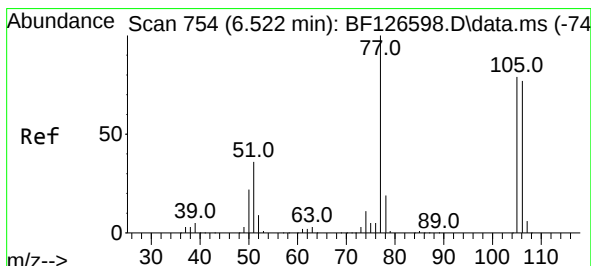
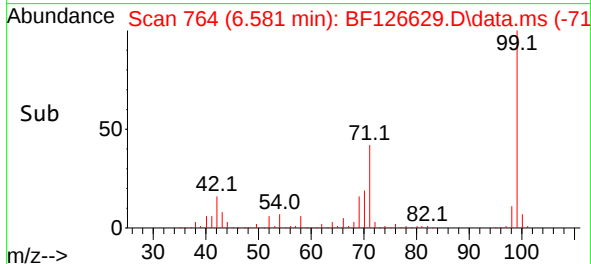
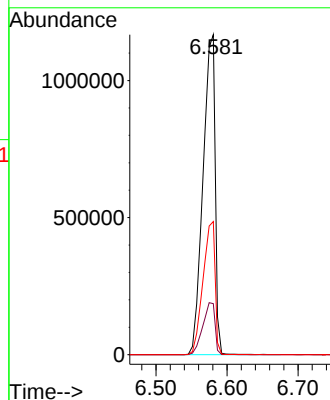
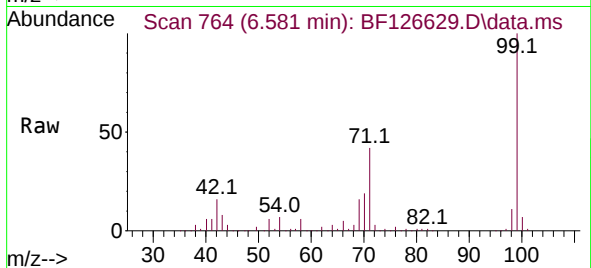
BNA_F

ClientSampleId :

PB142136TB

Tgt Ion: 99 Resp: 1395136

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.2	21.4
71	41.6	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.581 min Scan# 764

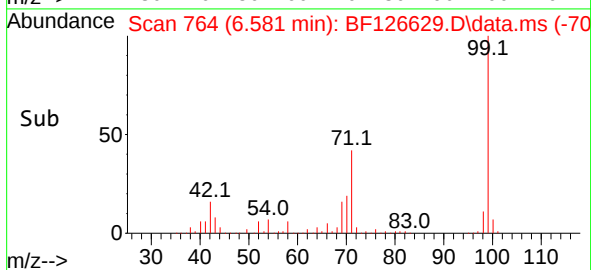
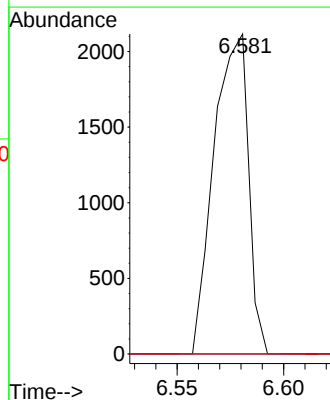
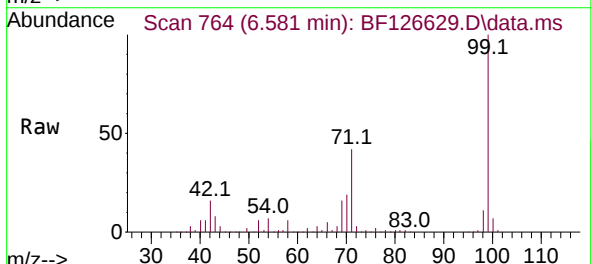
Delta R.T. 0.059 min

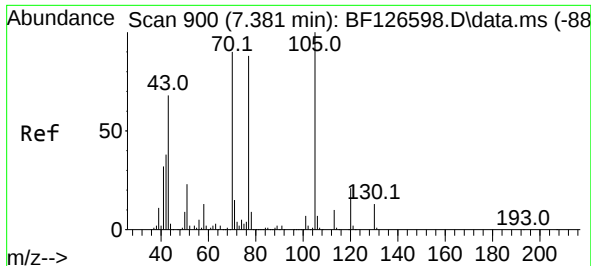
Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

Tgt Ion: 77 Resp: 2378

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

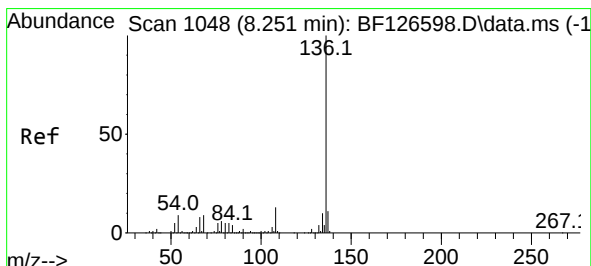
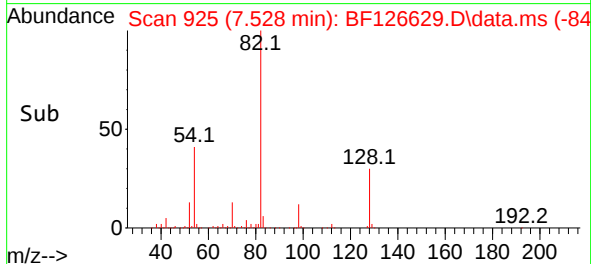
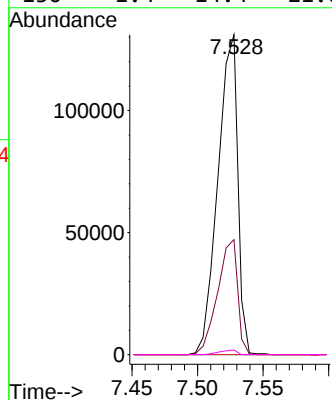
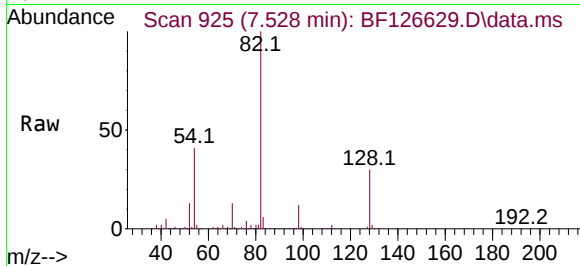




#19
n-Nitroso-di-n-propylamine
Concen: 16.087 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

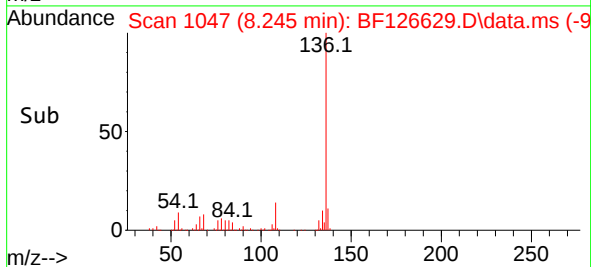
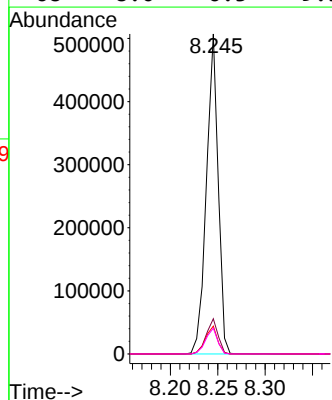
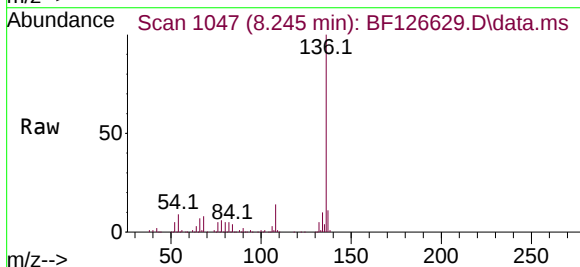
Instrument :
BNA_F
ClientSampleId :
PB142136TB

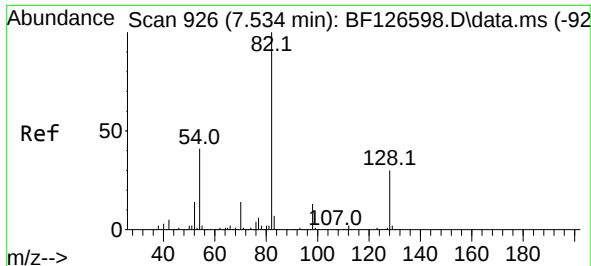
Tgt Ion: 70 Resp: 138068
Ion Ratio Lower Upper
70 100
42 35.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

Tgt Ion: 136 Resp: 436185
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.8 11.6
68 8.0 6.3 9.5





#23

Nitrobenzene-d5

Concen: 91.661 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

Instrument :

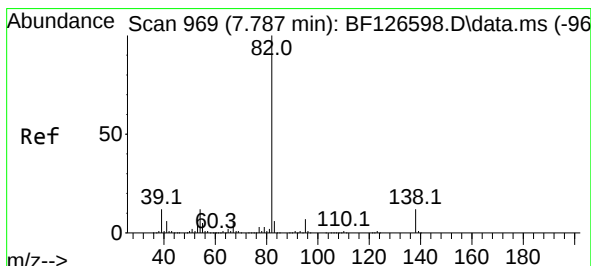
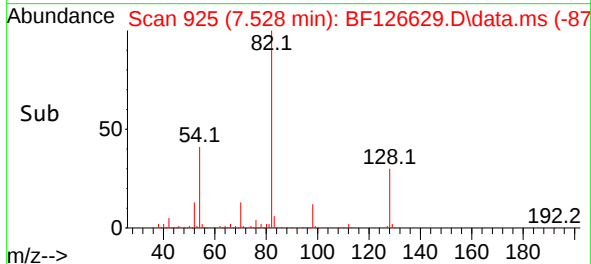
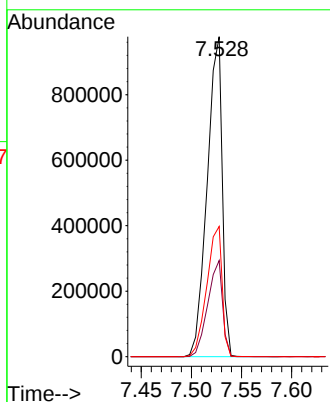
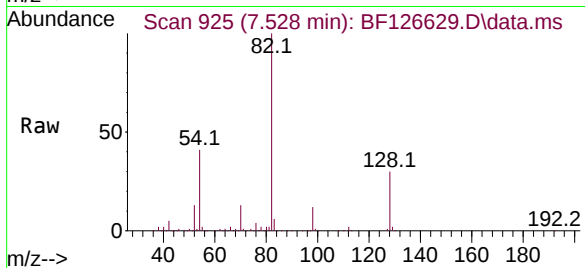
BNA_F

ClientSampleId :

PB142136TB

Tgt Ion: 82 Resp: 1021468

Ion	Ratio	Lower	Upper
82	100		
128	30.0	32.7	49.1#
54	40.7	41.7	62.5#



#25

Isophorone

Concen: 47.264 ng

RT: 7.528 min Scan# 925

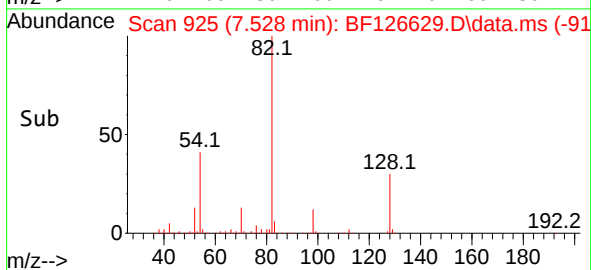
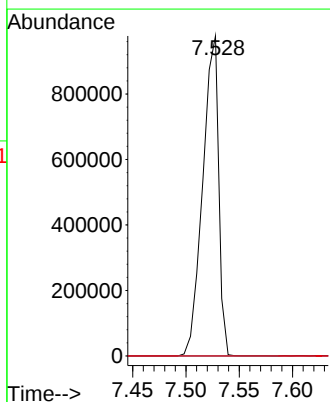
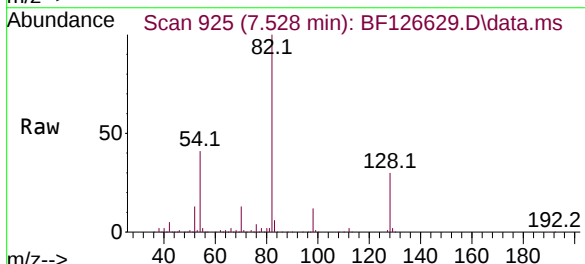
Delta R.T. -0.259 min

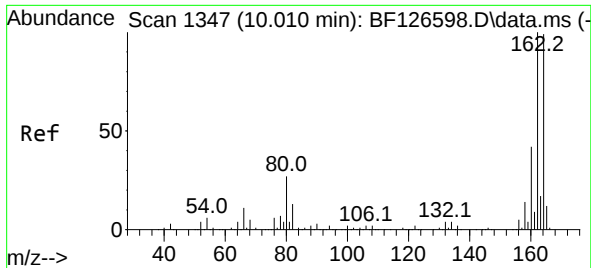
Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

Tgt Ion: 82 Resp: 1021447

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

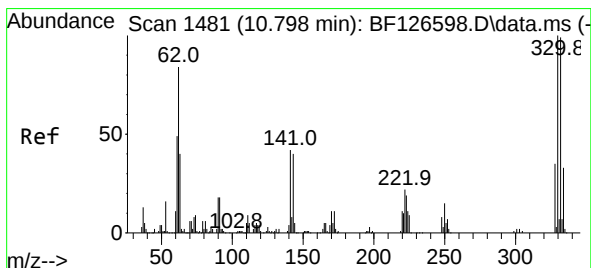
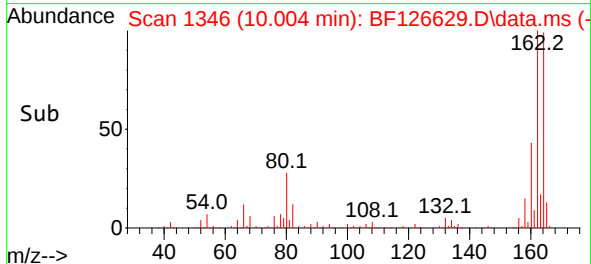
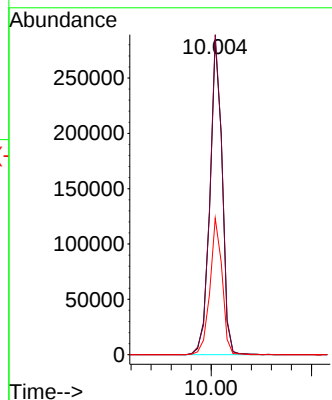
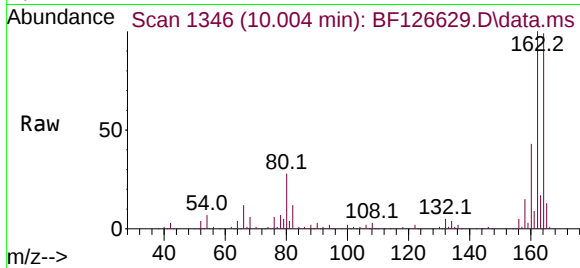




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

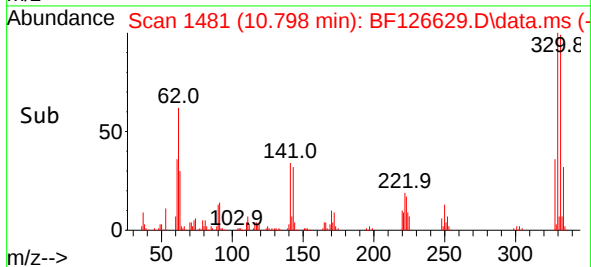
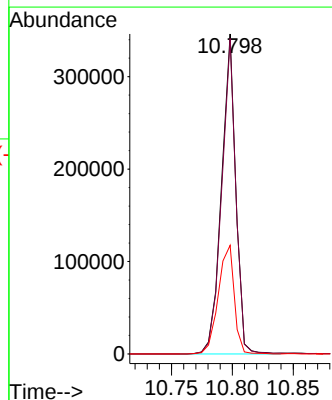
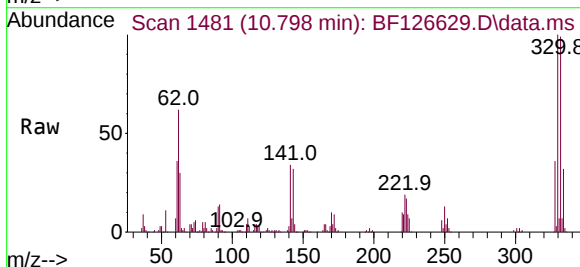
Instrument :
BNA_F
ClientSampleId :
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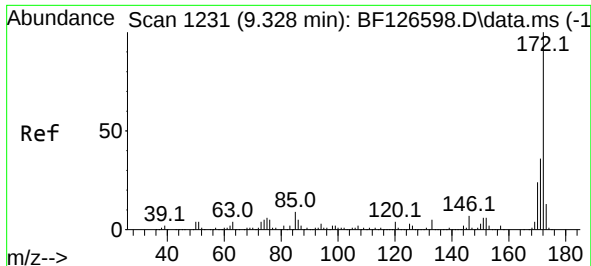
Tgt Ion:164 Resp: 241848
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 124.857 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

Tgt Ion:330 Resp: 282592
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 38.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.239 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

Instrument :

BNA_F

ClientSampleId :

PB142136TB

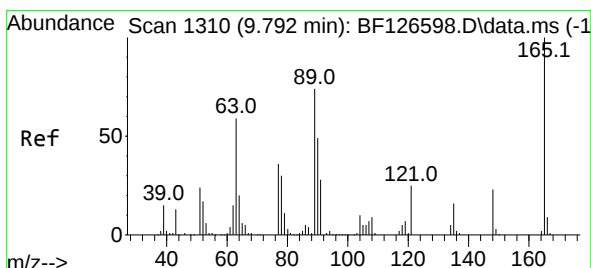
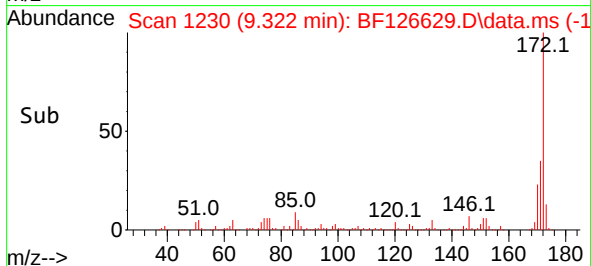
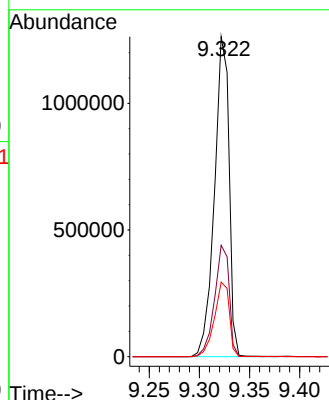
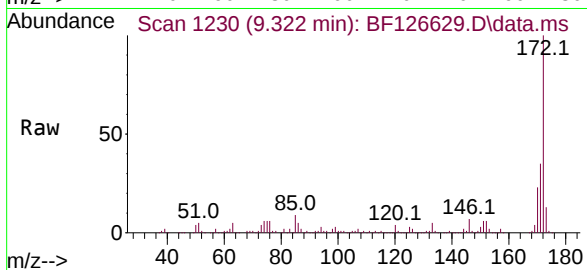
Tgt Ion:172 Resp: 1282889

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.089 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

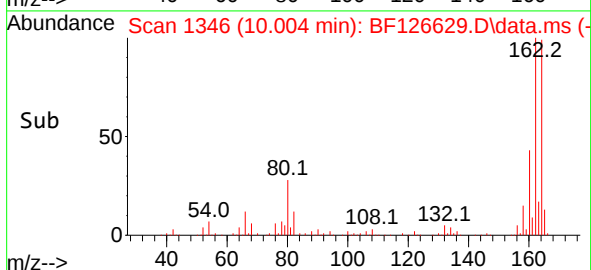
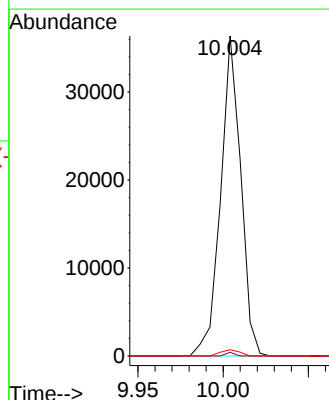
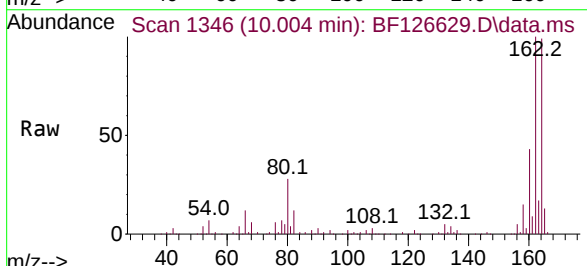
Tgt Ion:165 Resp: 29905

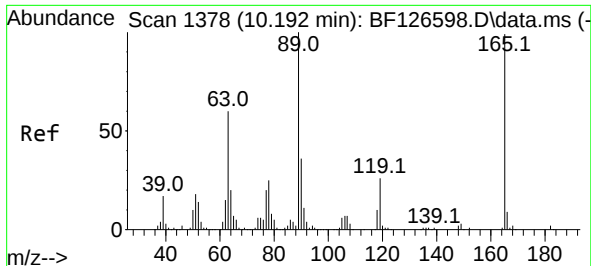
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 2.0 50.5 75.7#

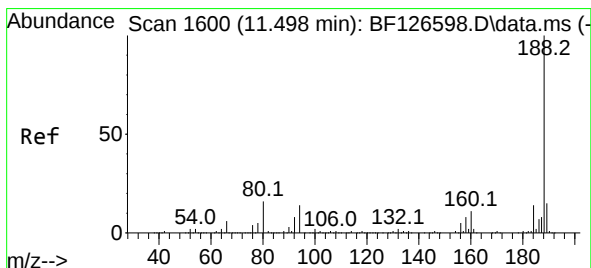
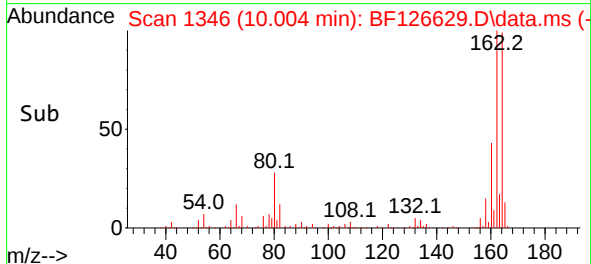
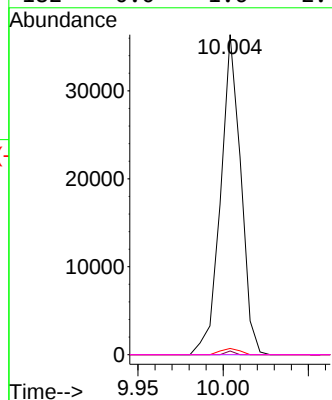
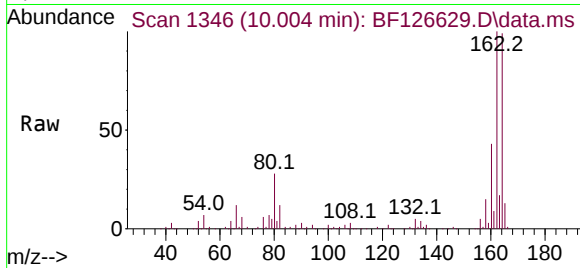




#57
2,4-Dinitrotoluene
Concen: 8.326 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

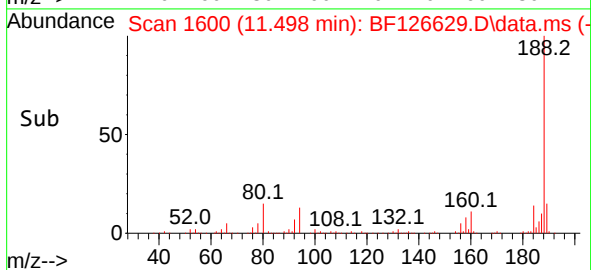
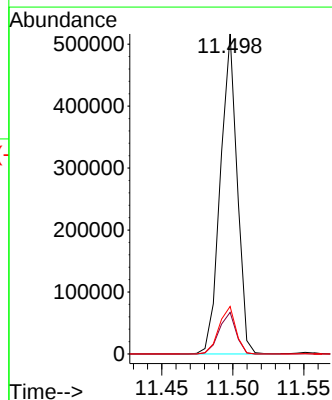
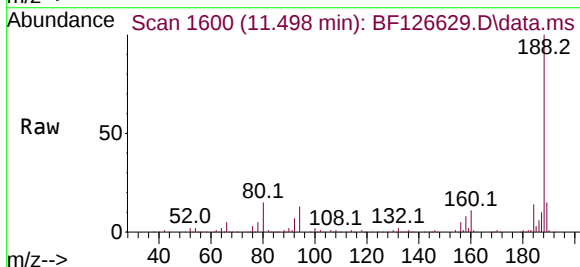
Instrument :
BNA_F
ClientSampleId :
PB142136TB

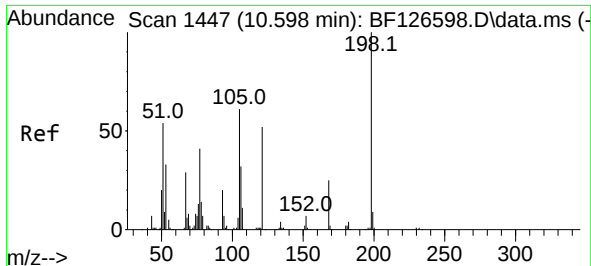
Tgt Ion:165 Resp: 29905
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

Tgt Ion:188 Resp: 424345
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.8 11.8 17.6

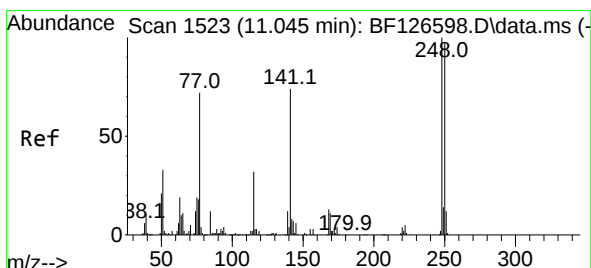
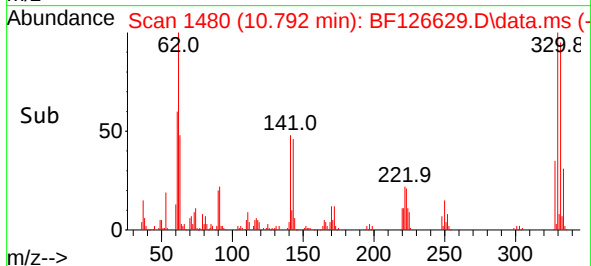
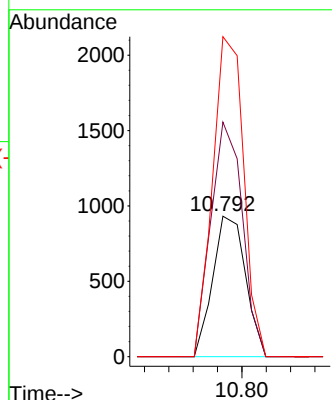
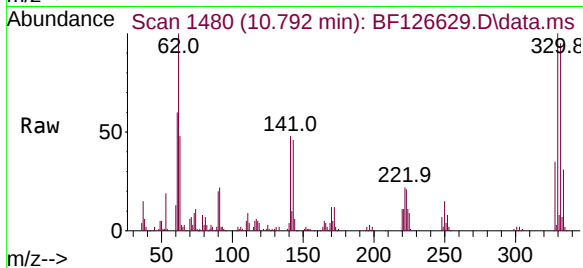




#65
4,6-Dinitro-2-methylphenol
Concen: 7.734 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

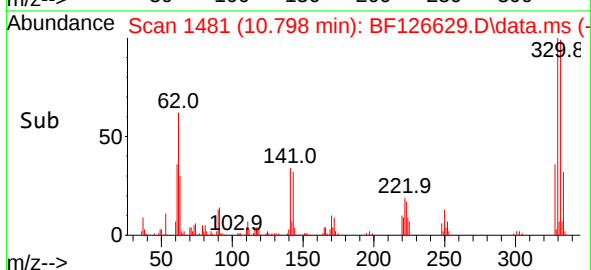
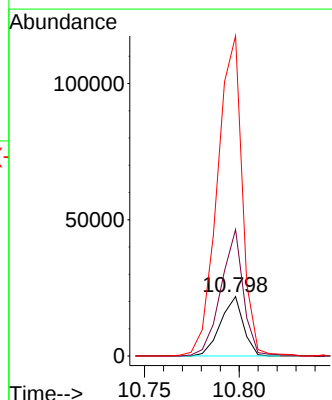
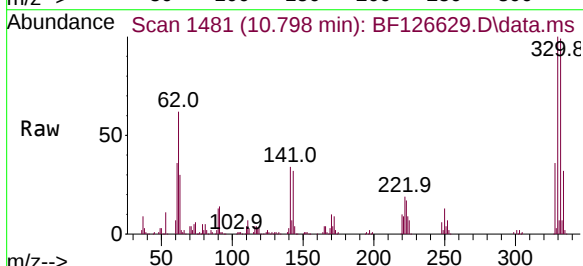
Instrument :
BNA_F
ClientSampleId :
PB142136TB

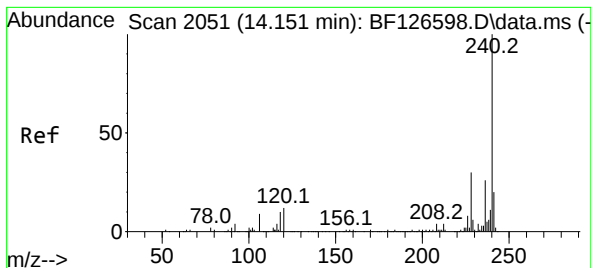
Tgt Ion:198 Resp: 869
Ion Ratio Lower Upper
198 100
51 167.0 32.0 72.0#
105 227.8 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126629.D
Acq: 24 Jan 2022 10:22

Tgt Ion:248 Resp: 18251
Ion Ratio Lower Upper
248 100
250 213.3 76.2 114.4#
141 539.6 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: BF126629.D

Acq: 24 Jan 2022 10:22

Instrument :

BNA_F

ClientSampleId :

PB142136TB

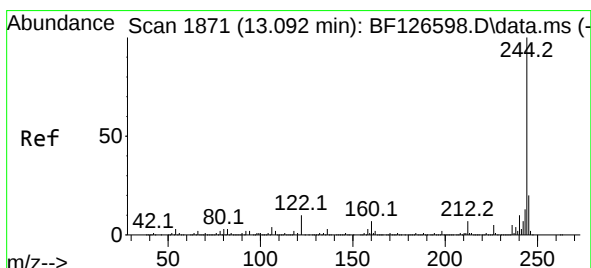
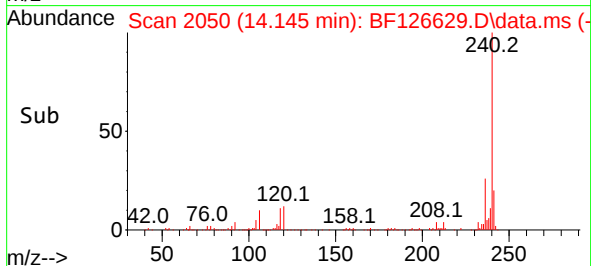
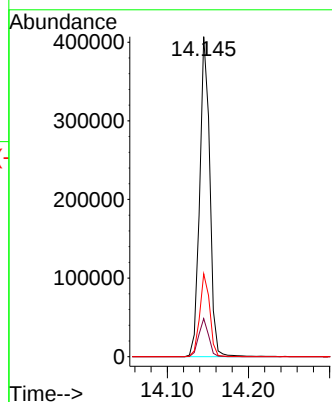
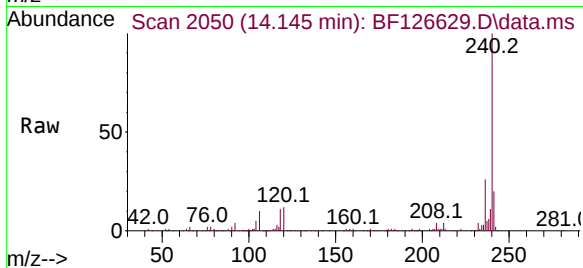
Tgt Ion:240 Resp: 353160

Ion Ratio Lower Upper

240 100

120 11.9 14.4 21.6#

236 25.9 20.5 30.7



#79

Terphenyl-d14

Concen: 72.090 ng

RT: 13.092 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BF126629.D

Acq: 24 Jan 2022 10:22

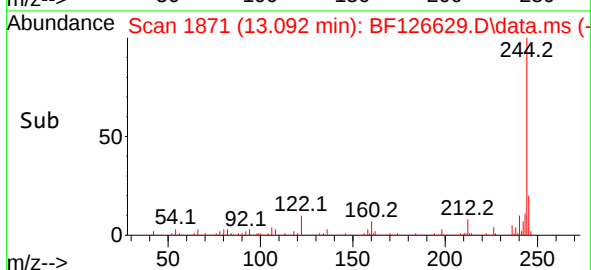
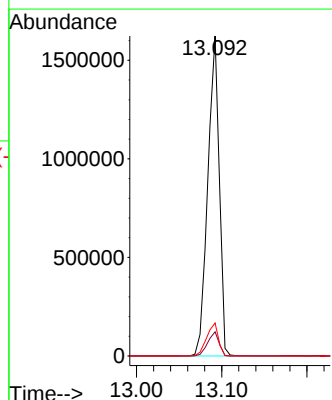
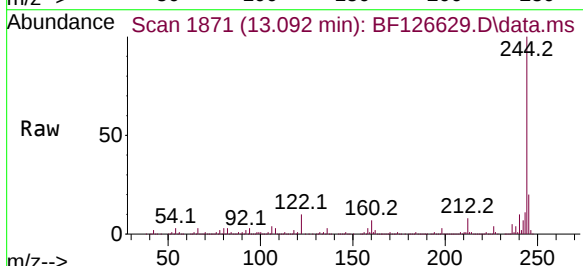
Tgt Ion:244 Resp: 1517917

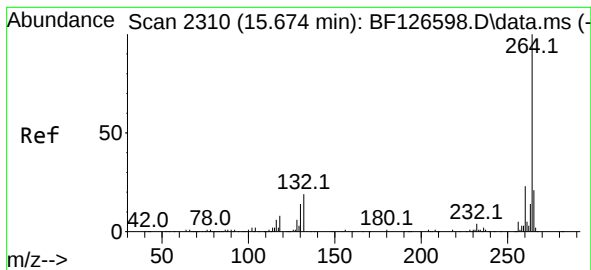
Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 10.3 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126629.D
 Acq: 24 Jan 2022 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB142136TB

Tgt Ion:264 Resp: 296856
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.0 17.4 26.2

