

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106305.D
 Acq On : 11 Jun 2018 20:02
 Operator : JU/SJ
 Sample : J3248-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-A

Quant Time: Jun 12 01:44:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	236994	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	857525	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	389823	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	638101	20.00	ng	0.00
75) Chrysene-d12	14.15	240	556639	20.00	ng	-0.01
86) Perylene-d12	15.68	264	478946	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1280092	91.42	ng	0.01
7) Phenol-d6	6.59	99	1576981	89.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	1034414	70.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	366322	97.67	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1453894	59.85	ng	0.00
78) Terphenyl-d14	13.08	244	1250282	55.79	ng	0.00

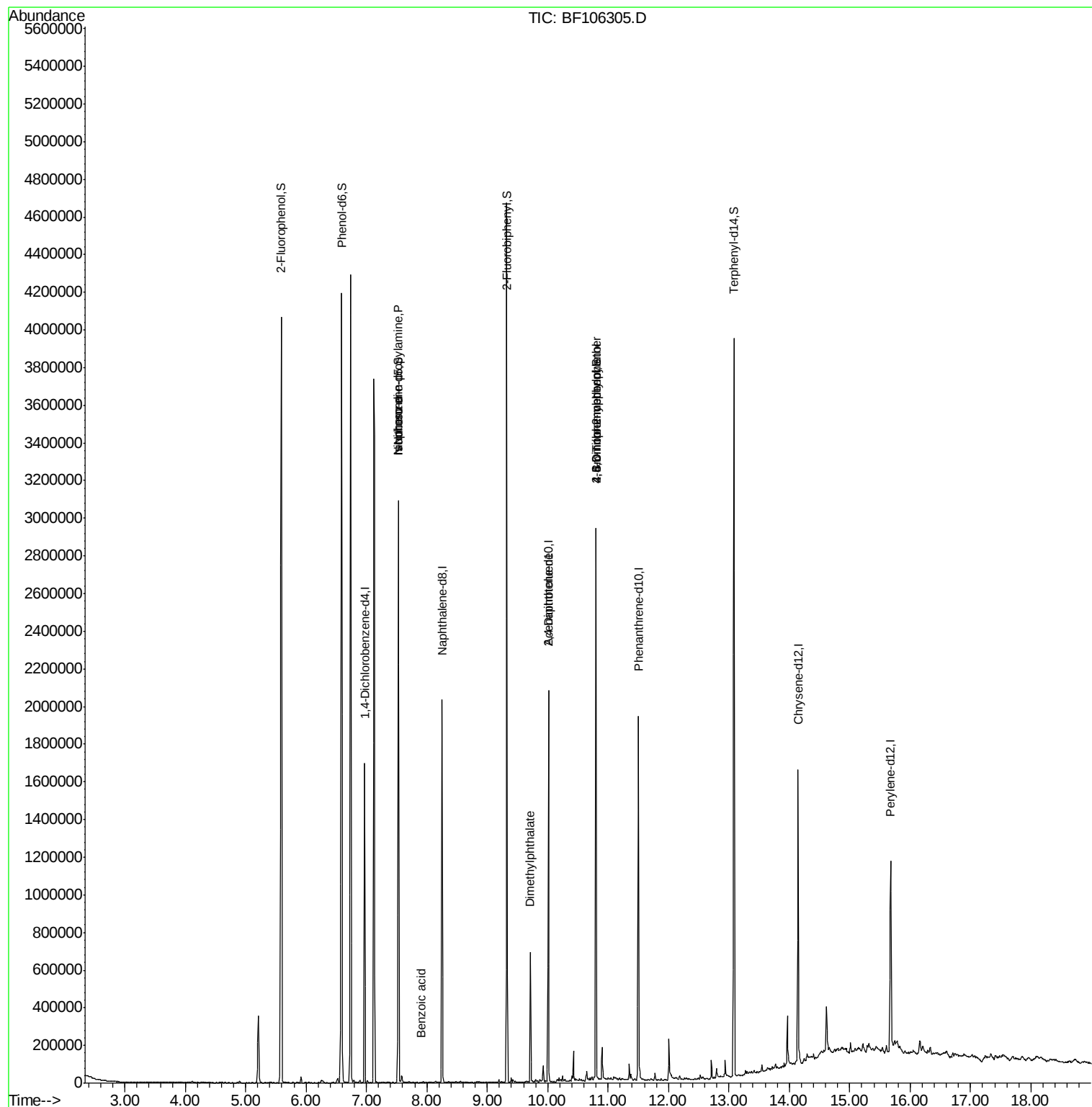
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	145401	10.955	ng	# 74
25) Isophorone	7.53	82	1034400	36.331	ng	# 64
32) Benzoic acid	7.91	122	130	7.301	ng	# 41
49) Dimethylphthalate	9.71	163	255330	9.168	ng	100
56) 2,4-Dinitrotoluene	10.01	165	51319	7.184	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	814	6.500	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	24078	3.318	ng	# 1

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

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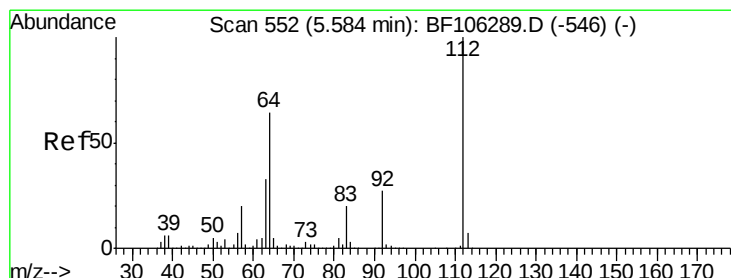
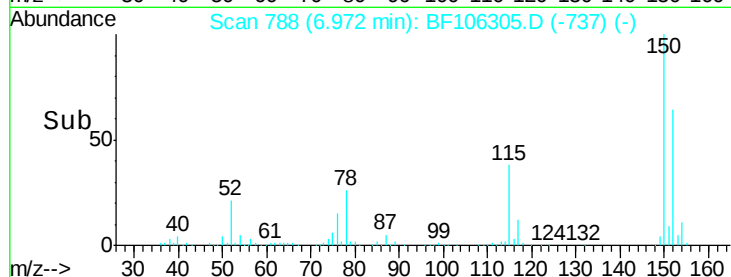
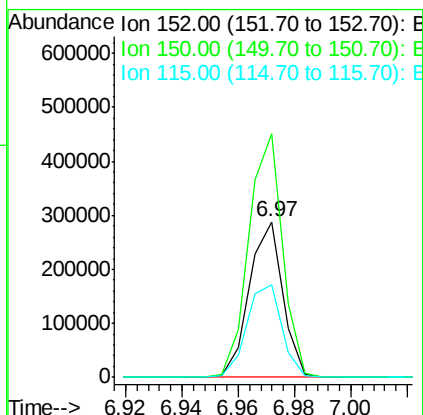
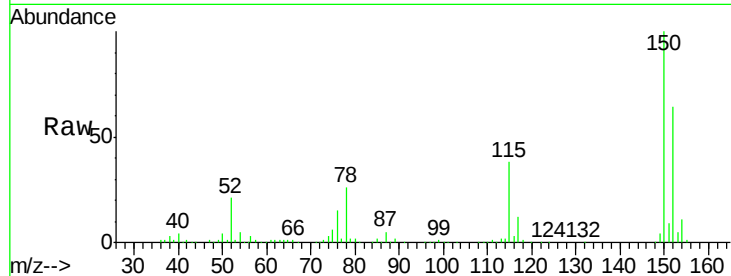


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-A

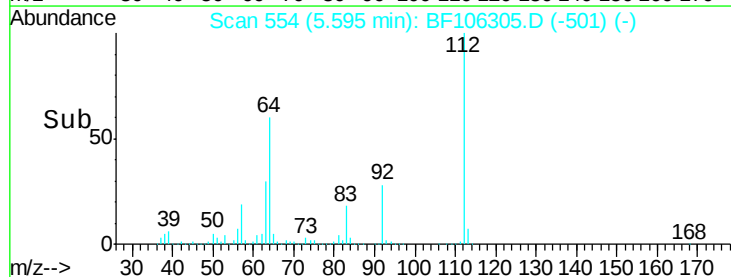
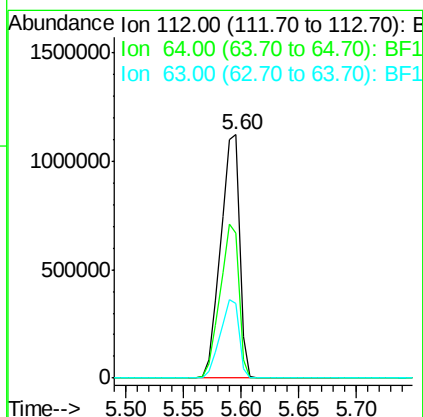
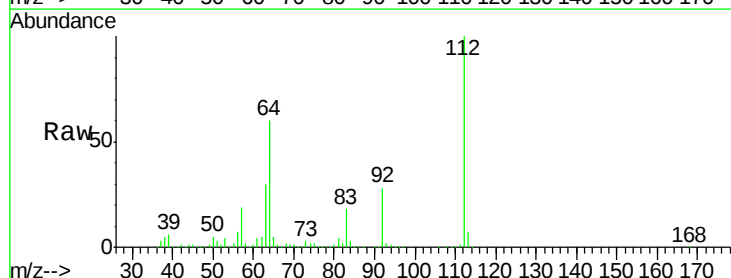
Tgt Ion:152 Resp: 236994
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.5 50.1 75.1

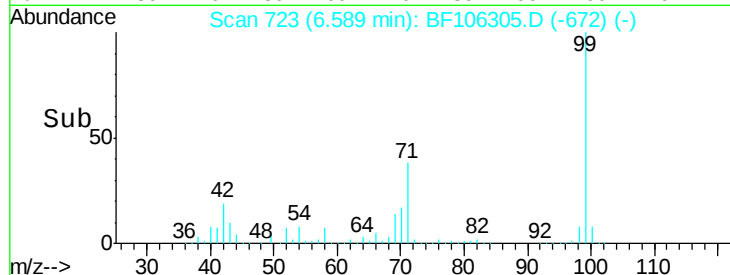
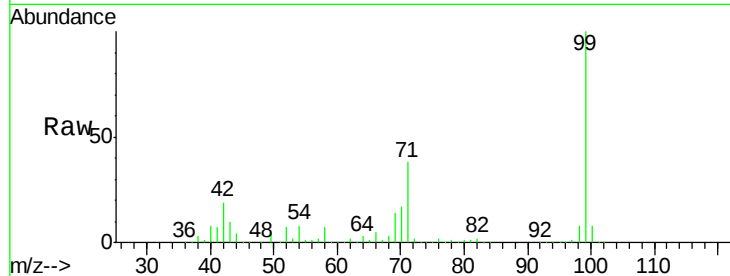


#5

2-Fluorophenol
Concen: 91.418 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Tgt Ion:112 Resp: 1280092
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 89.140 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-A

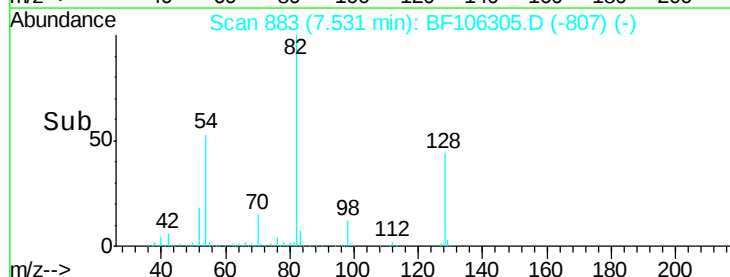
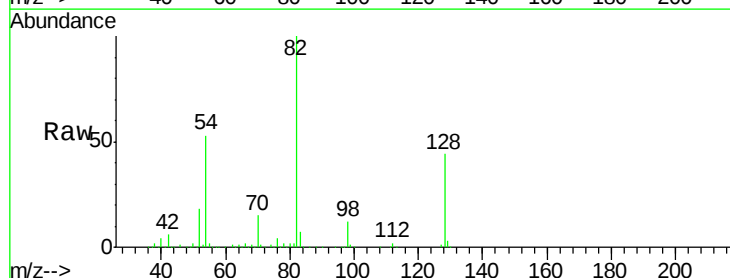
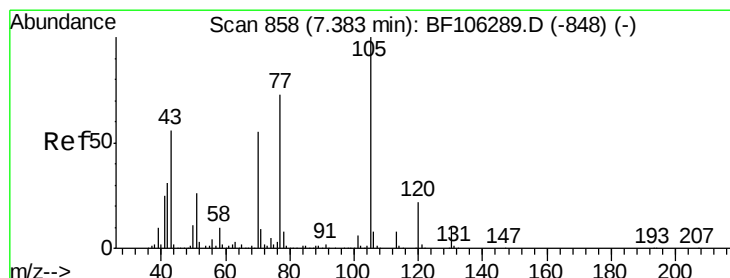
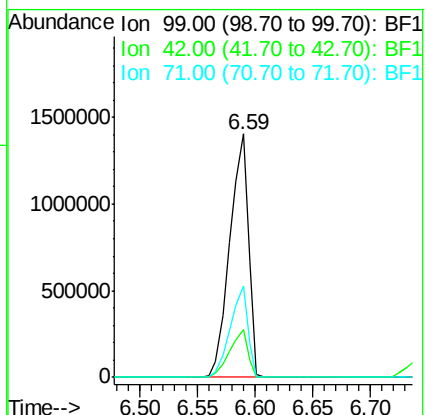
Tgt Ion: 99 Resp: 1576981

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 37.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.955 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

Tgt Ion: 70 Resp: 145401

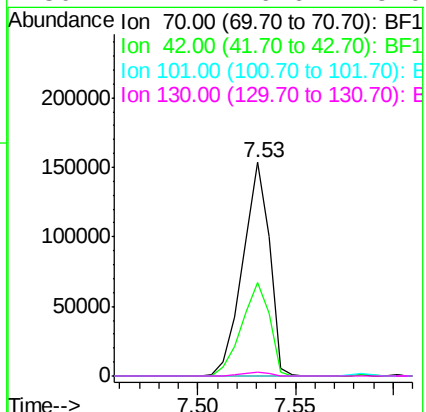
Ion Ratio Lower Upper

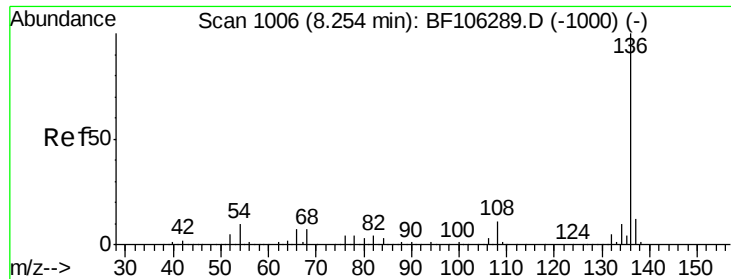
70 100

42 43.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

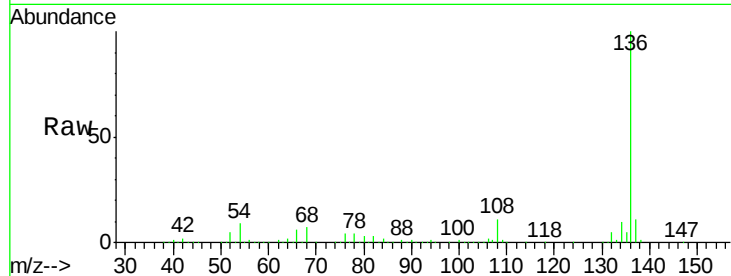




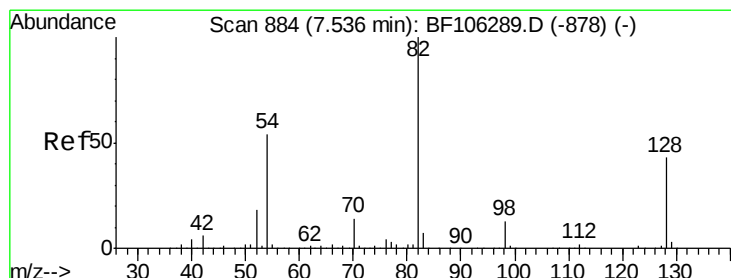
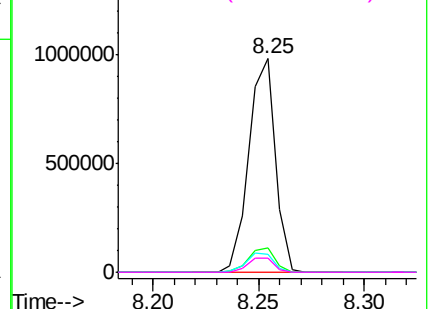
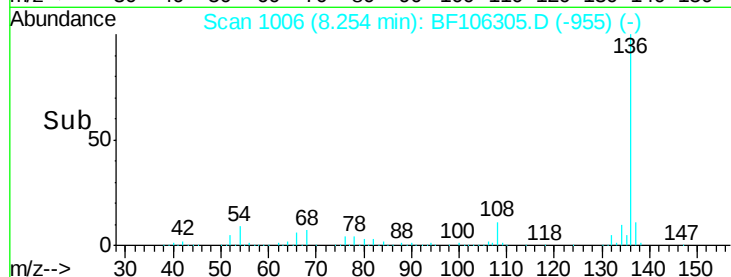
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-A

Tgt Ion:	136	Resp:	857525
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.6	5.0	7.4

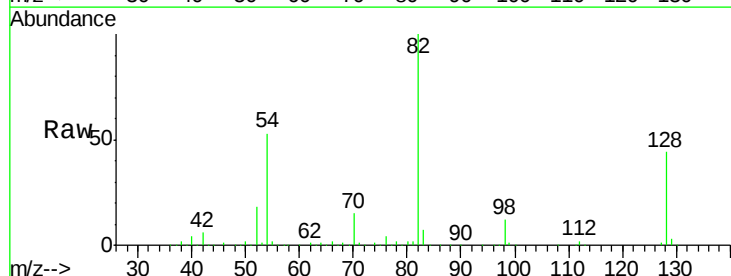


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

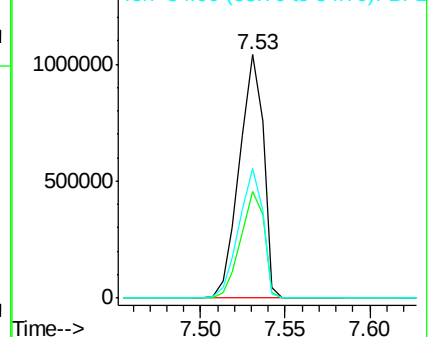
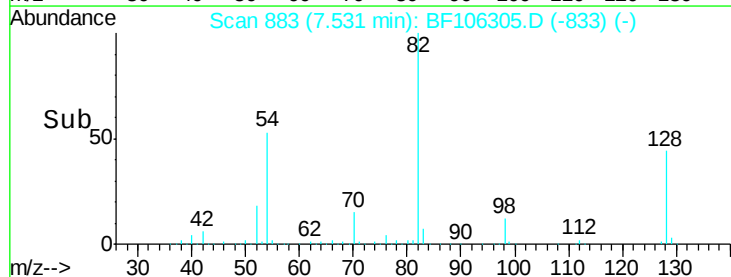


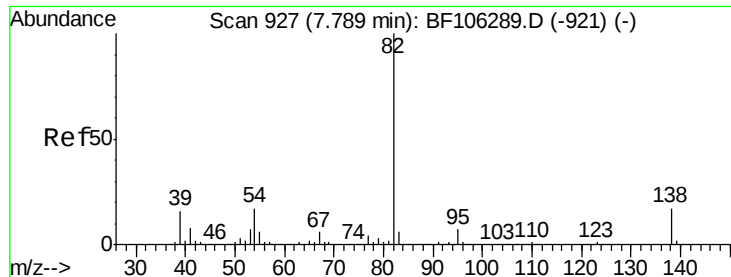
#23
Nitrobenzene-d5
Concen: 70.964 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Tgt Ion:	82	Resp:	1034414
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	53.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.331 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-A

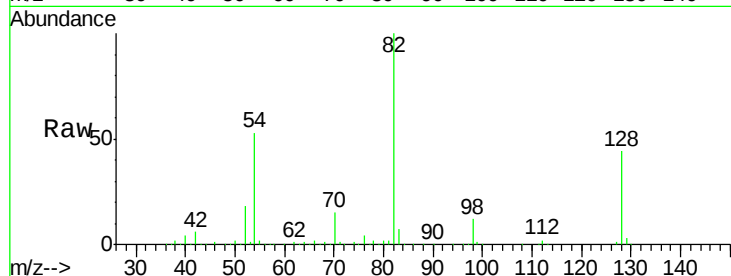
Tgt Ion: 82 Resp: 1034400

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

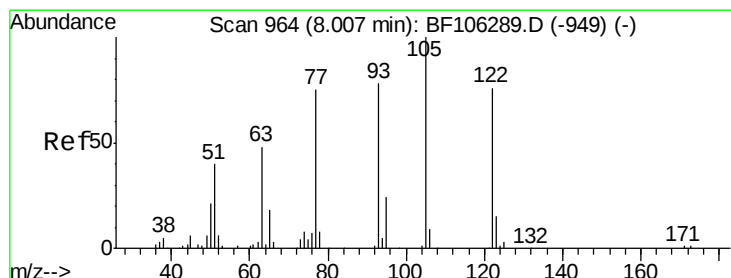
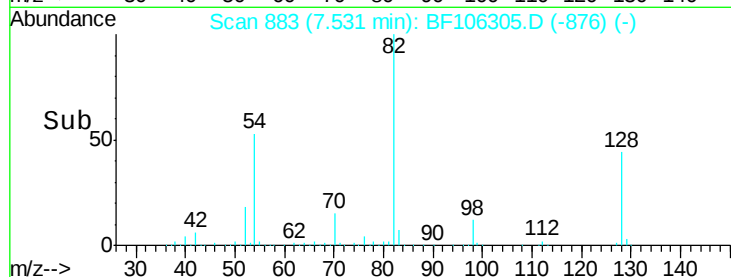
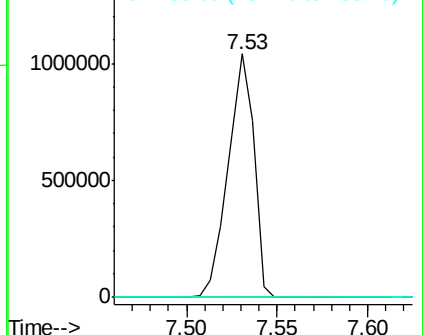
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.301 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.09 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

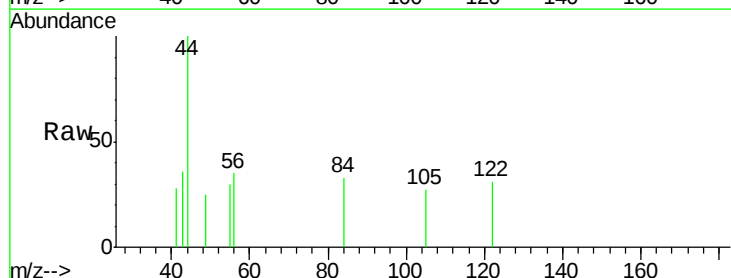
Tgt Ion: 122 Resp: 130

Ion Ratio Lower Upper

122 100

105 86.7 101.1 141.1#

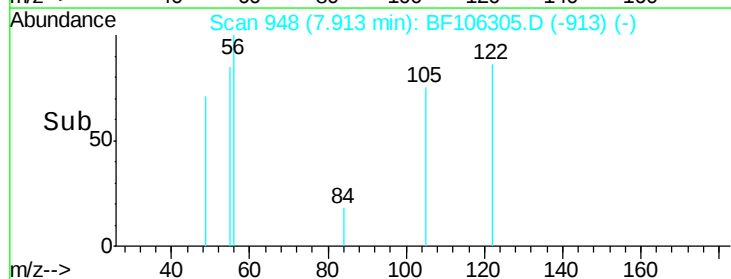
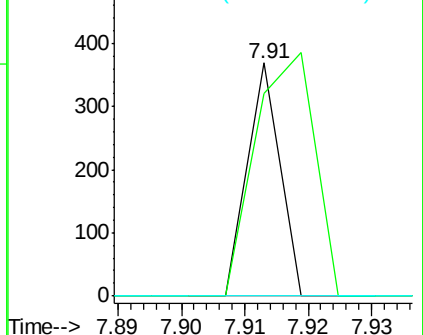
77 0.0 70.7 110.7#

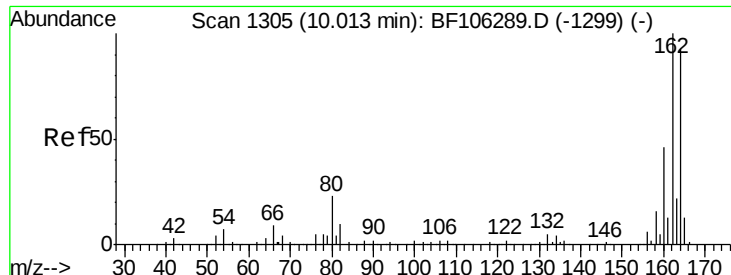


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

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ClientSampleId :

EO-02-060818-A

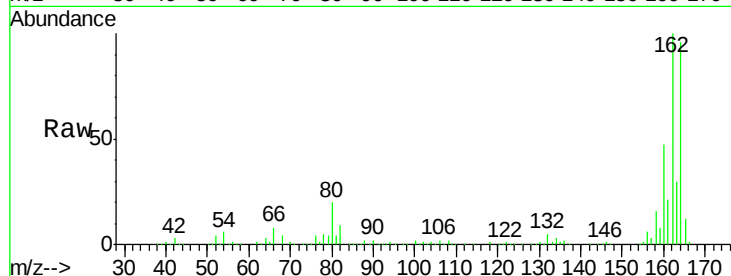
Tgt Ion:164 Resp: 389823

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

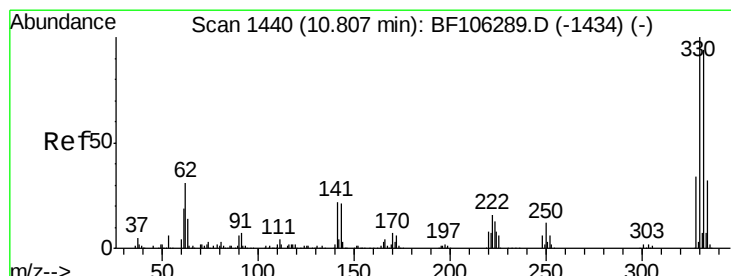
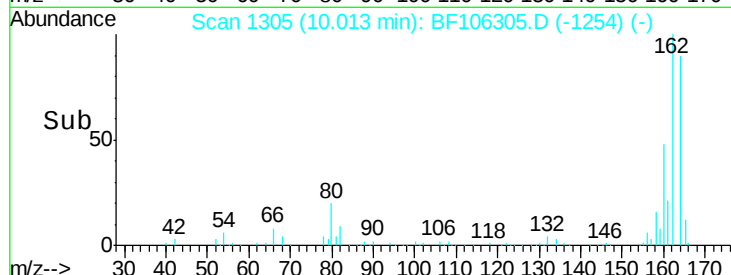
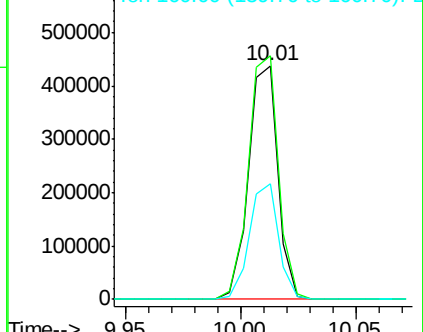
160 49.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.666 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

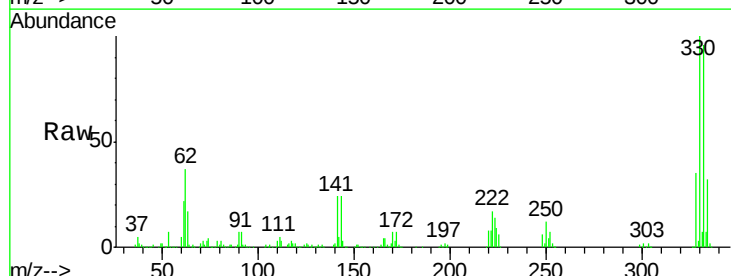
Tgt Ion:330 Resp: 366322

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

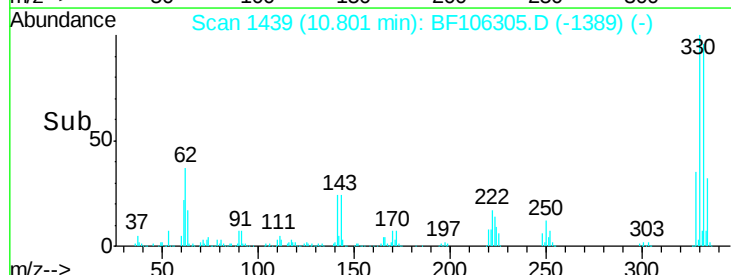
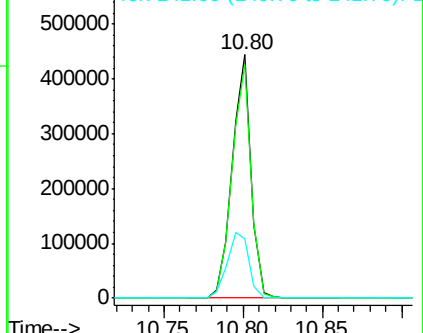
141 31.1 29.9 44.9

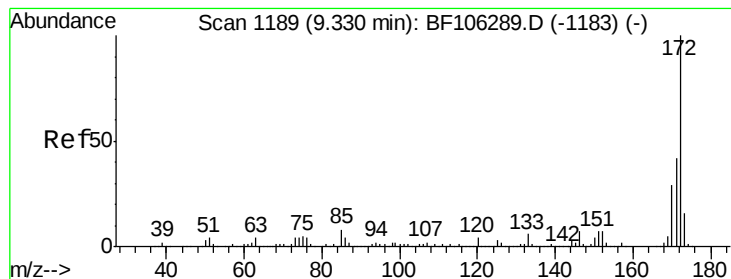


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.852 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

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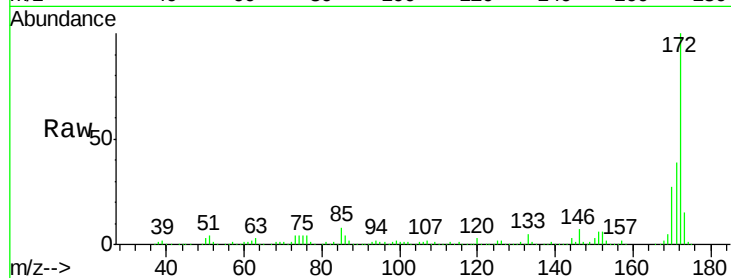
Tgt Ion:172 Resp: 1453894

Ion Ratio Lower Upper

172 100

171 39.1 29.7 44.5

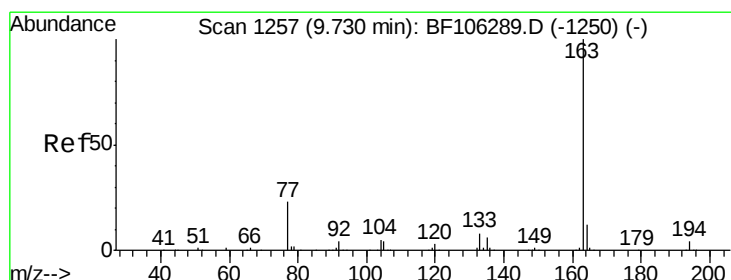
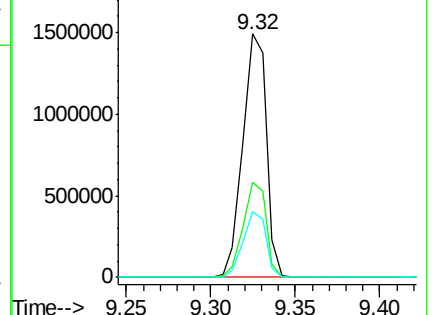
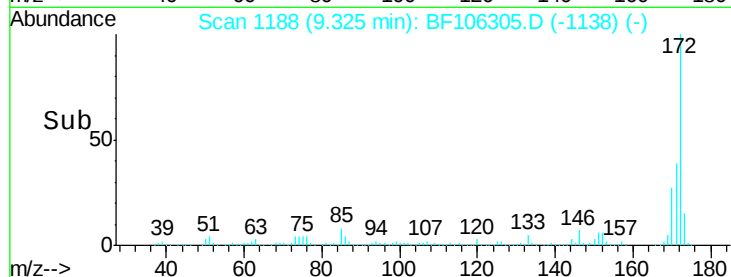
170 27.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

2000000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 9.168 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

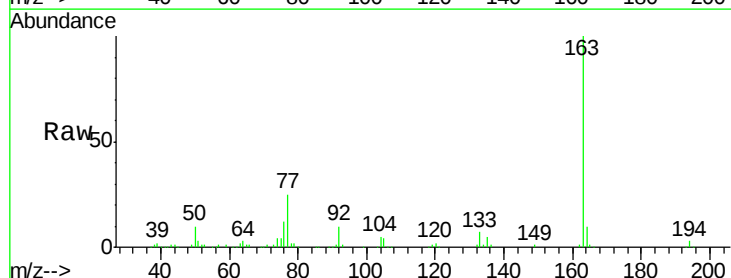
Tgt Ion:163 Resp: 255330

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

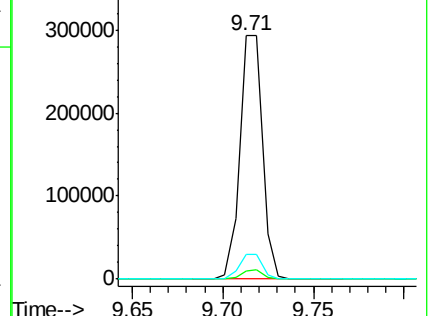
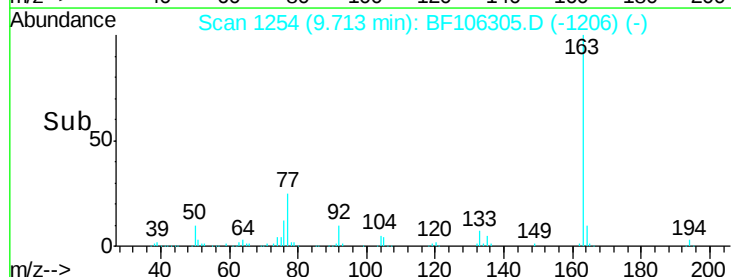
164 10.2 8.2 12.2

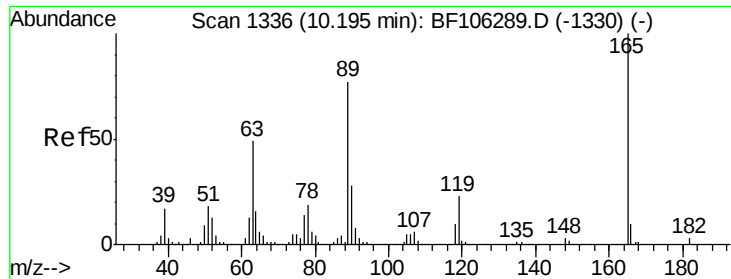


Abundance Ion 163.00 (162.70 to 163.70): E

400000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

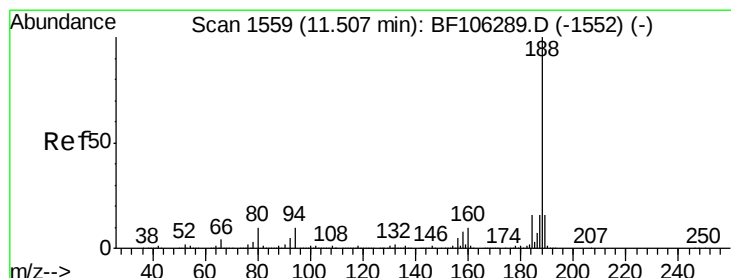
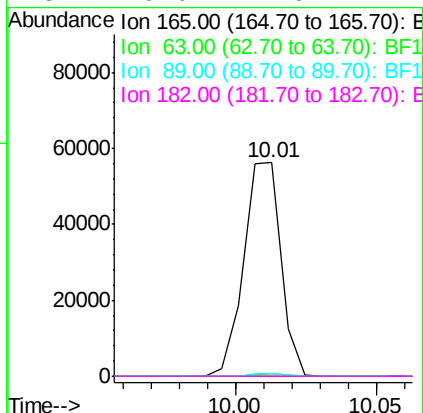
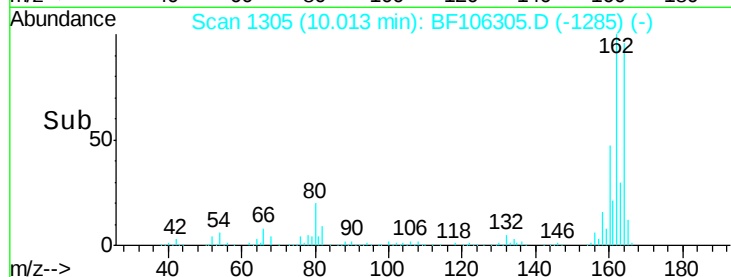
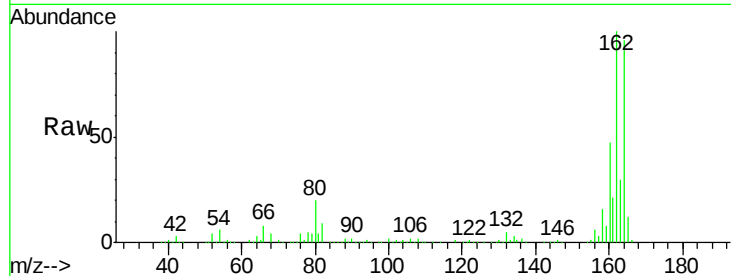




#56
2,4-Dinitrotoluene
Concen: 7.184 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

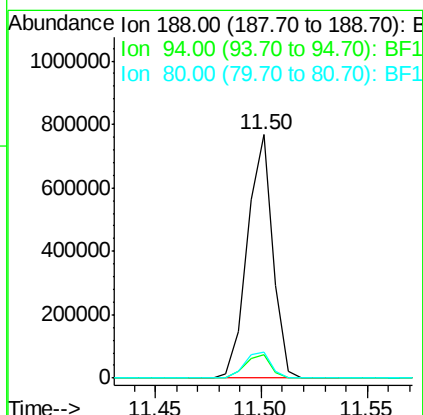
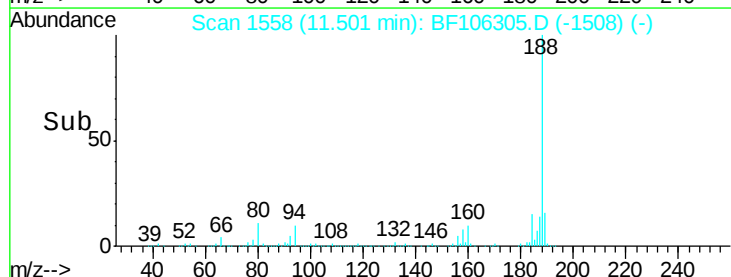
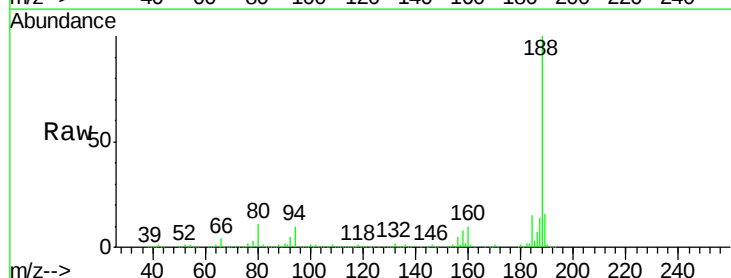
Instrument :
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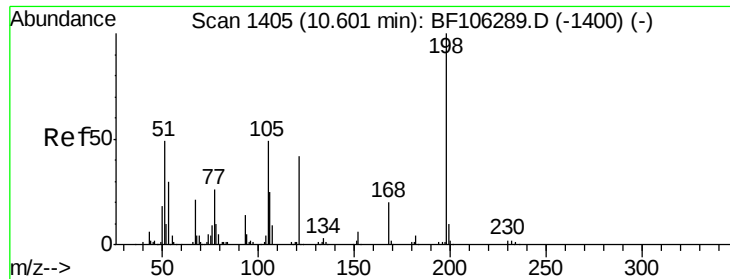
Tgt Ion:	165	Resp:	51319
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Tgt Ion:	188	Resp:	638101
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.500 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-A

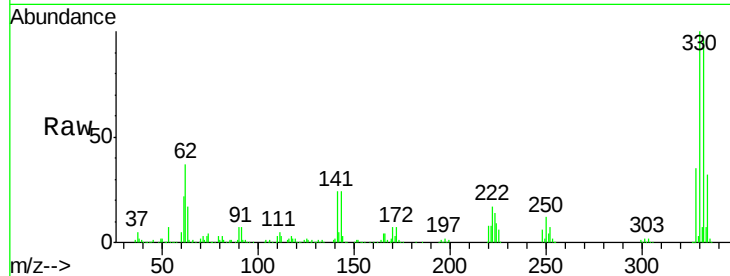
Tgt Ion:198 Resp: 814

Ion Ratio Lower Upper

198 100

51 118.3 37.7 77.7#

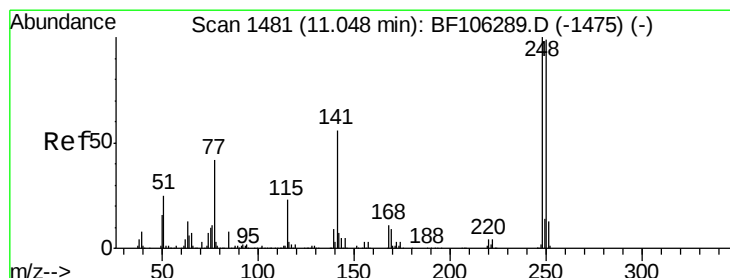
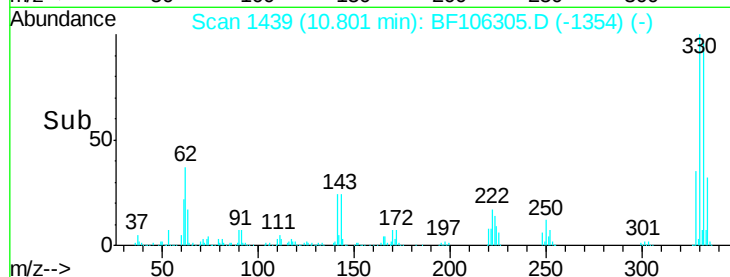
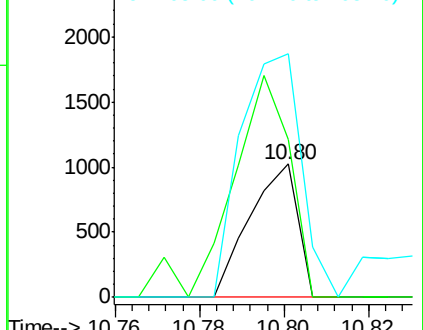
105 182.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.318 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

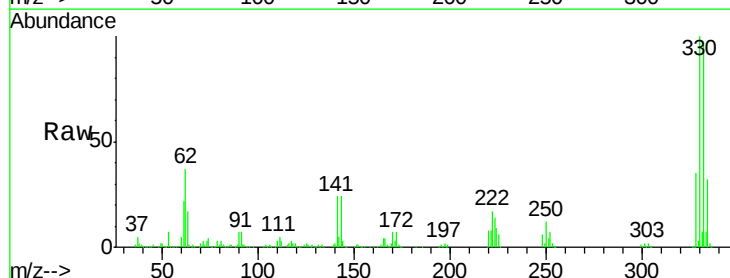
Tgt Ion:248 Resp: 24078

Ion Ratio Lower Upper

248 100

250 206.8 76.9 115.3#

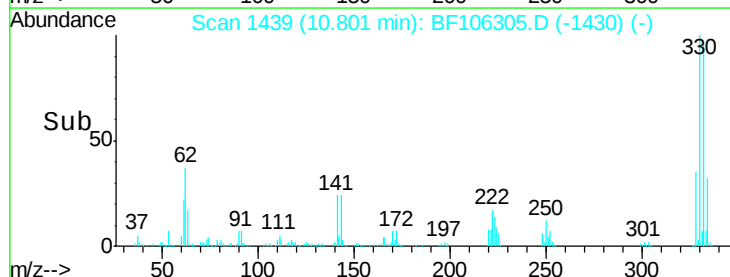
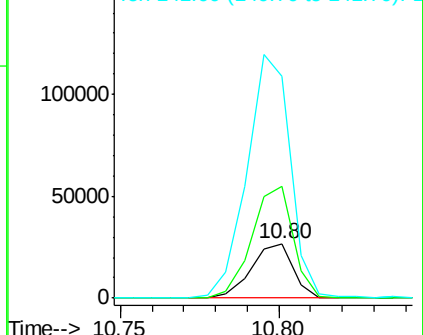
141 407.6 74.4 111.6#

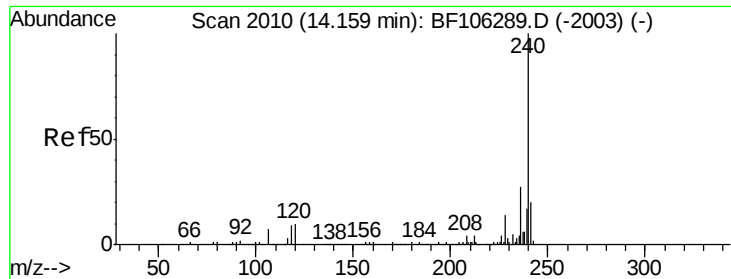


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-A

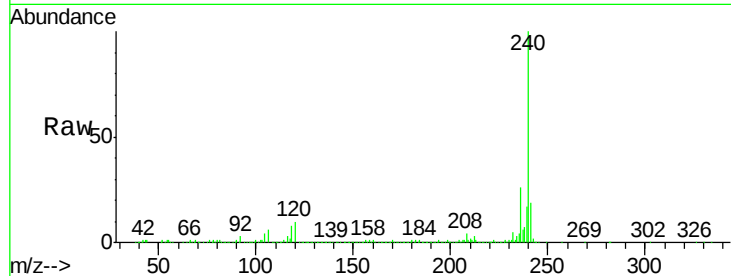
Tgt Ion:240 Resp: 556639

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

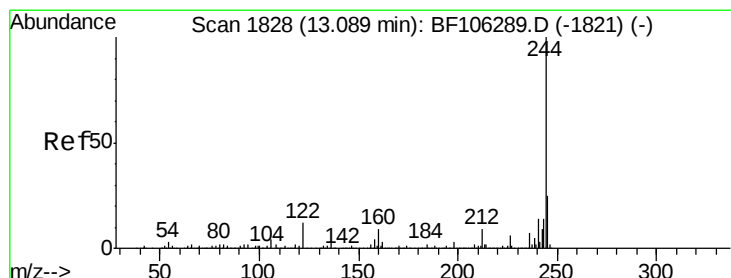
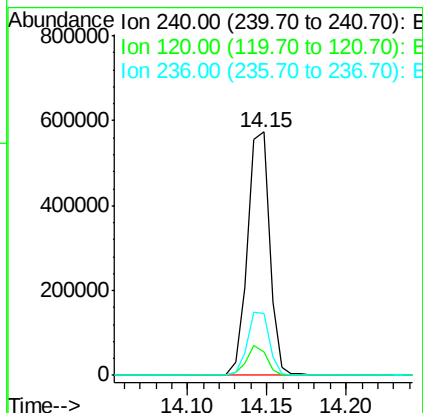
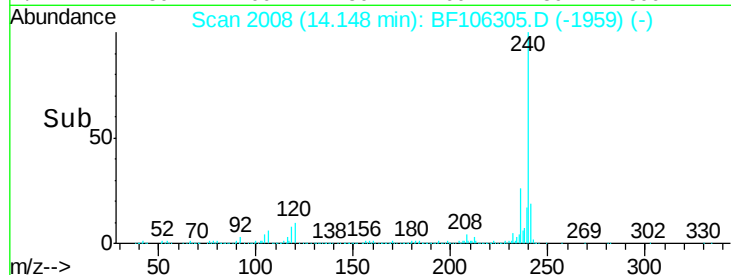
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 55.789 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106305.D

Acq: 11 Jun 2018 20:02

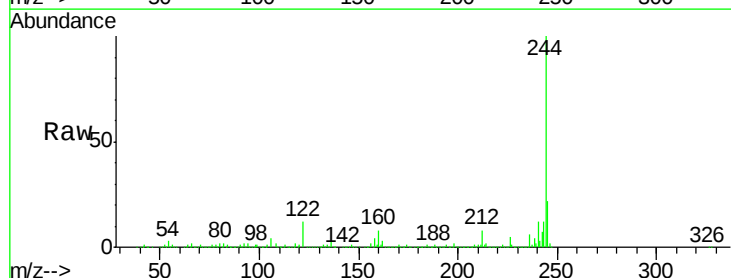
Tgt Ion:244 Resp: 1250282

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

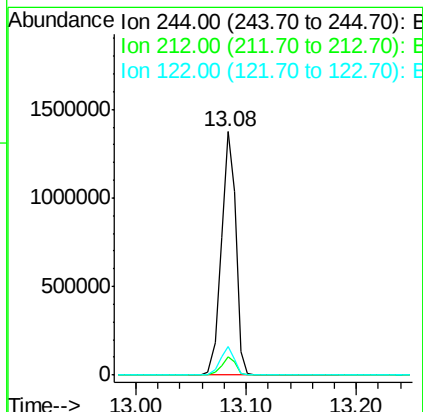
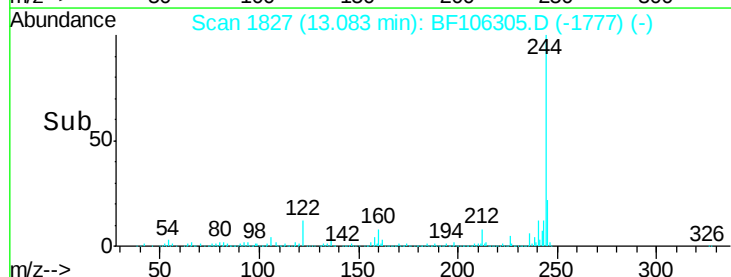
122 11.8 11.0 16.4

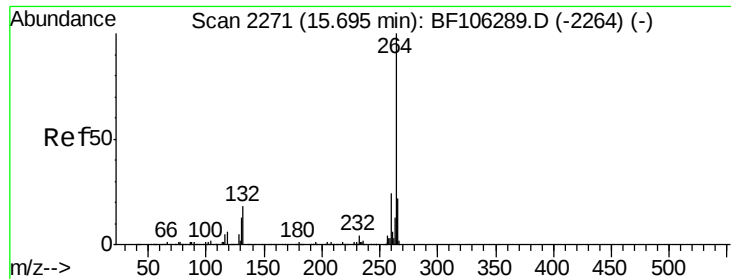


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

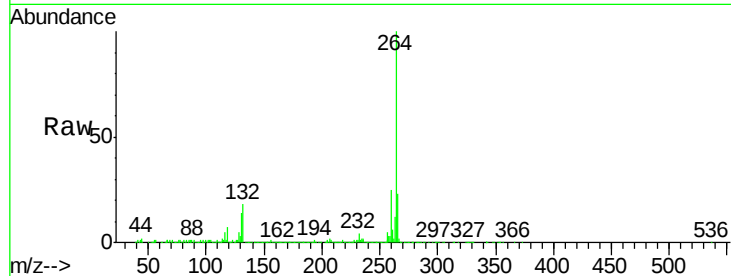




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106305.D
Acq: 11 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

