

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107545.D
 Acq On : 21 Jul 2018 00:56
 Operator : JU/SJ
 Sample : J3828-11 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-071818-C

Quant Time: Jul 21 01:36:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	325462	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1268608	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	505088	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	831197	20.00	ng	0.00
75) Chrysene-d12	14.16	240	764618	20.00	ng	0.00
86) Perylene-d12	15.69	264	654023	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	772629	38.17	ng	-0.01
7) Phenol-d6	6.60	99	1008683	41.50	ng	-0.01
23) Nitrobenzene-d5	7.53	82	552775	29.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	206233	35.91	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1055456	28.25	ng	0.00
78) Terphenyl-d14	13.09	244	833972	27.92	ng	-0.01

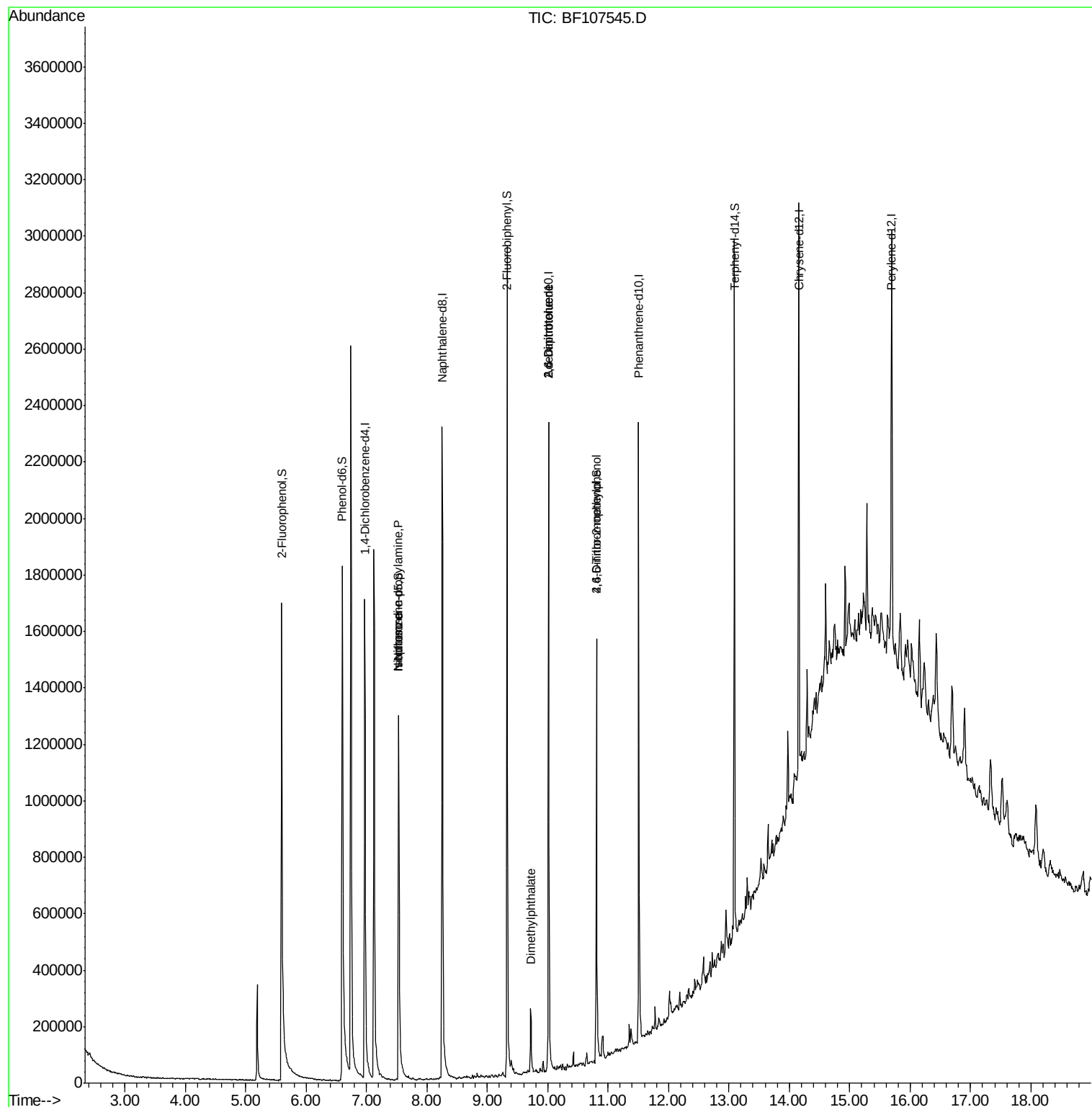
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	18042	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.53	70	71608	4.560 ng	#	84
25) Isophorone	7.53	82	552771	13.772 ng	#	64
49) Dimethylphthalate	9.72	163	99367	2.610 ng		99
50) 2,6-Dinitrotoluene	10.01	165	64868	8.583 ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	64868	7.110 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	523	8.787 ng	#	1
73) Di-n-butylphthalate	12.06	149	2672	Below Cal	#	53
81) 3,3'-Dichlorobenzidine	14.12	252	1336	Below Cal	#	68

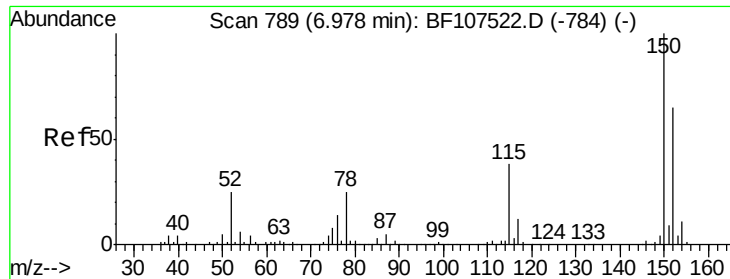
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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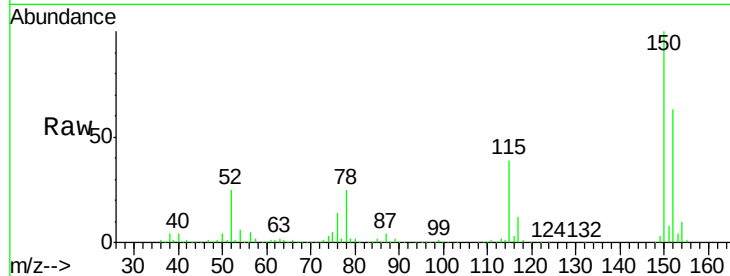




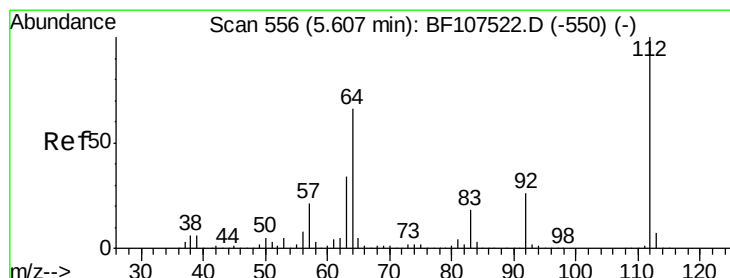
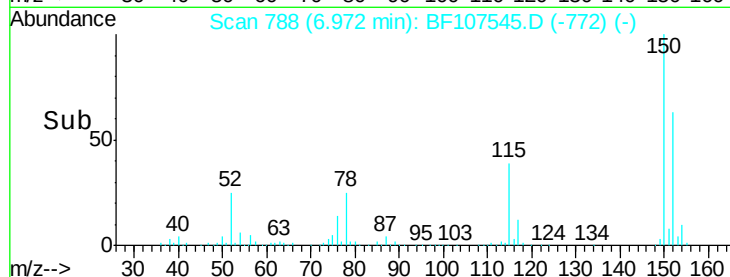
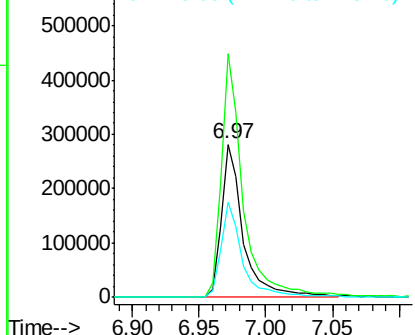
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107545.D
 Acq: 21 Jul 2018 00:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-071818-C

Tgt Ion:152 Resp: 325462
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.6 186.8
 115 62.2 50.1 75.1

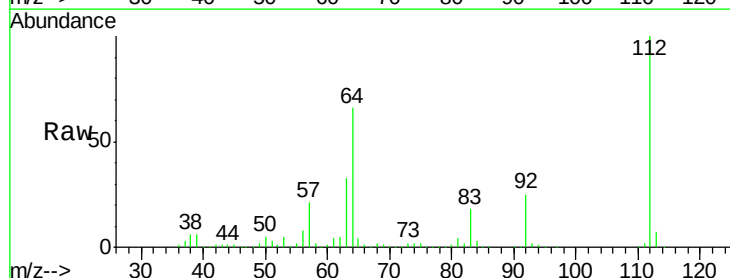


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

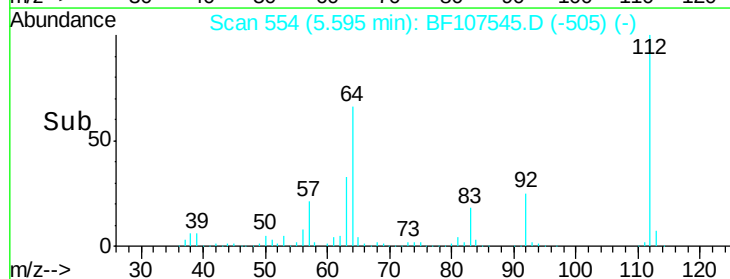
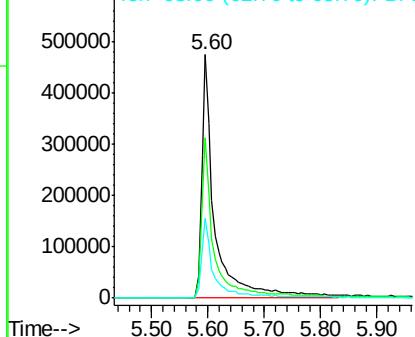


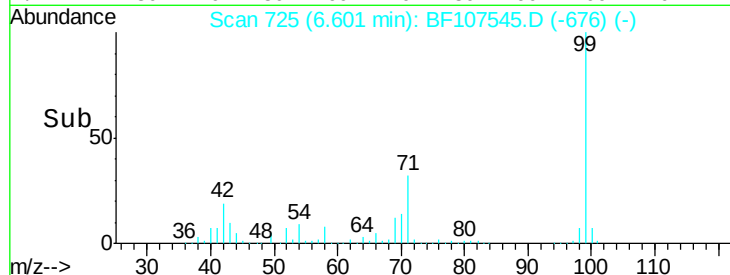
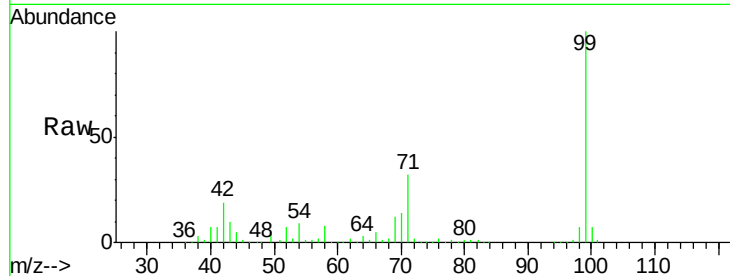
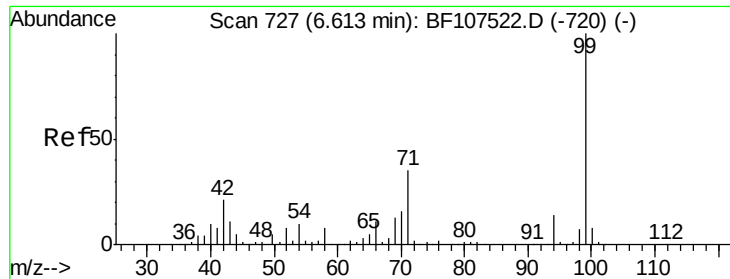
#5
 2-Fluorophenol
 Concen: 38.168 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107545.D
 Acq: 21 Jul 2018 00:56

Tgt Ion:112 Resp: 772629
 Ion Ratio Lower Upper
 112 100
 64 66.0 47.9 71.9
 63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 41.499 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

EO-02-071818-C

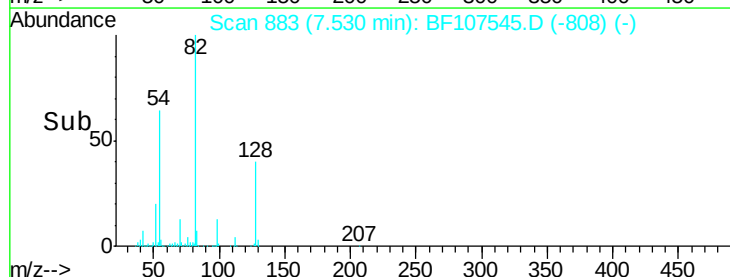
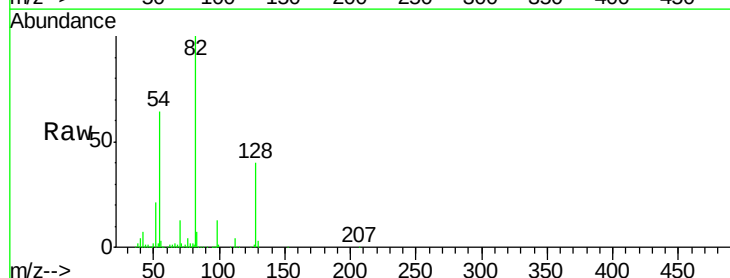
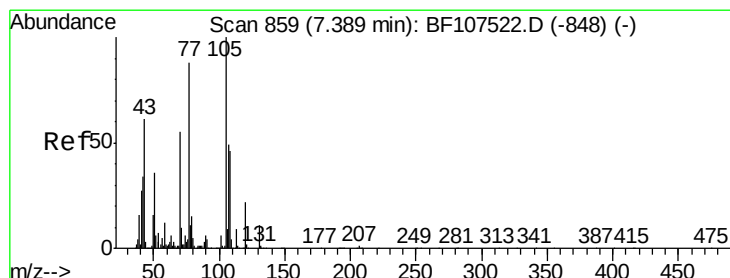
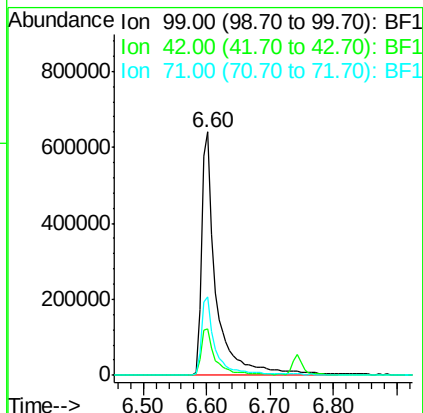
Tgt Ion: 99 Resp: 1008683

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.560 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

Tgt Ion: 70 Resp: 71608

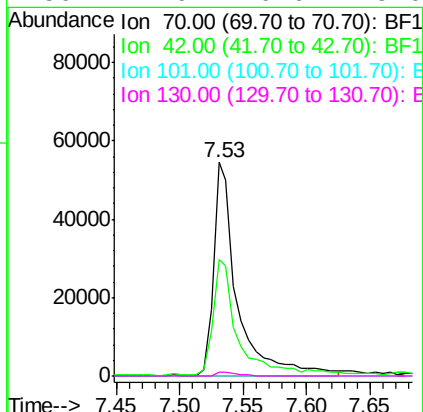
Ion Ratio Lower Upper

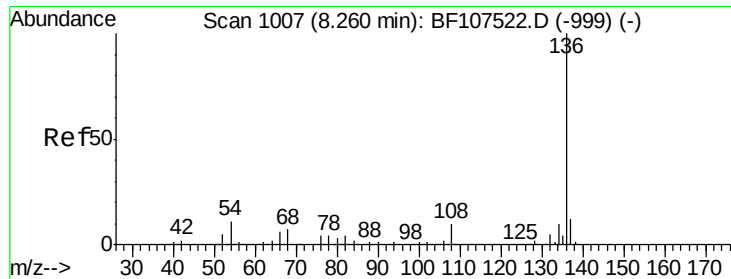
70 100

42 54.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

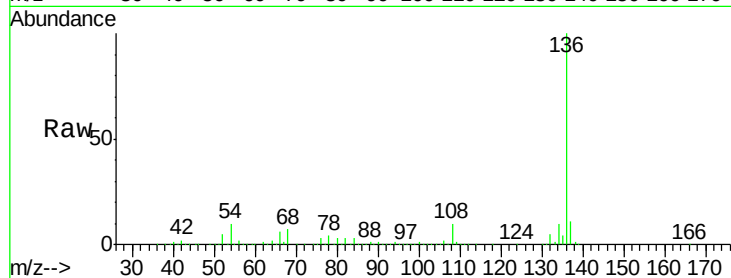




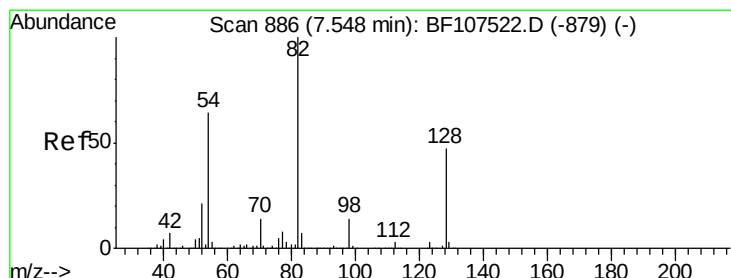
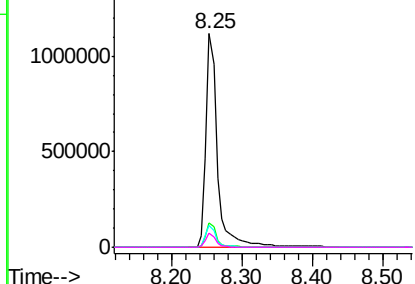
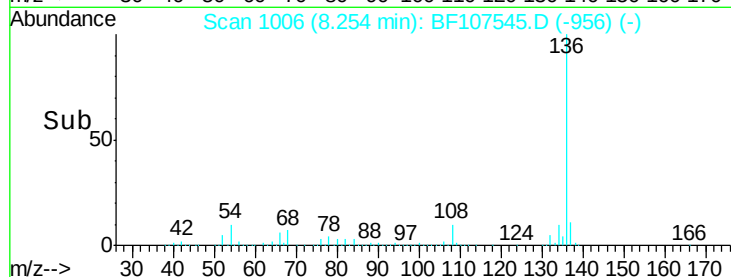
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-C

Tgt Ion:	136	Resp:	1268608
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.5	5.0	7.4

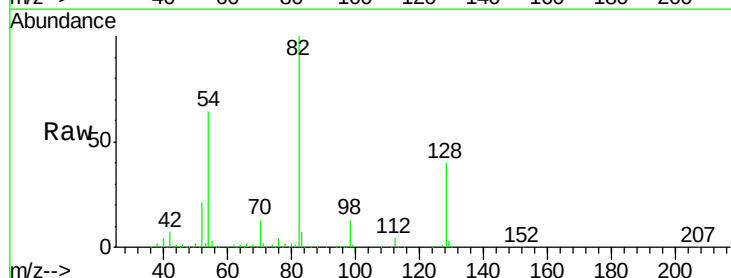


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

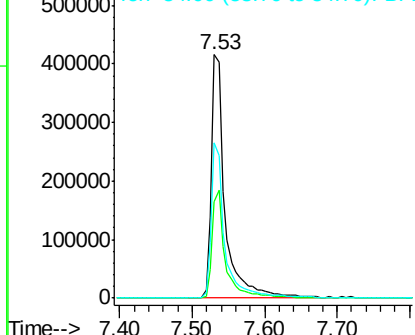
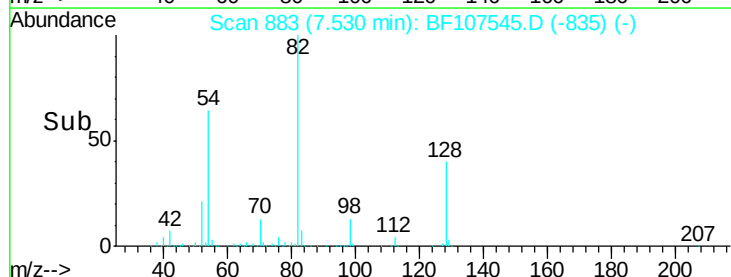


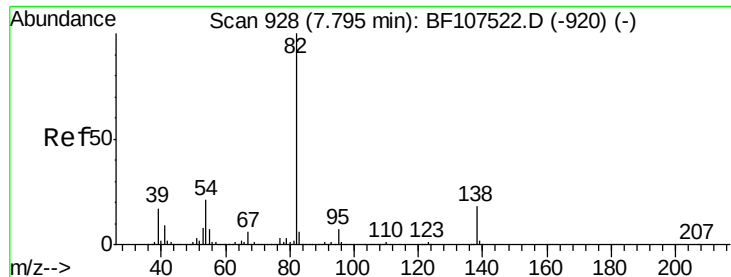
#23
Nitrobenzene-d5
Concen: 29.407 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Tgt Ion:	82	Resp:	552775
Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	63.9	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

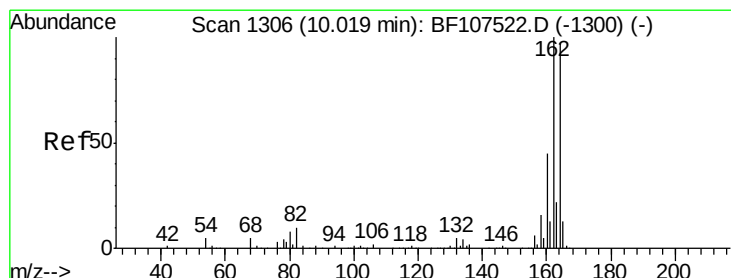
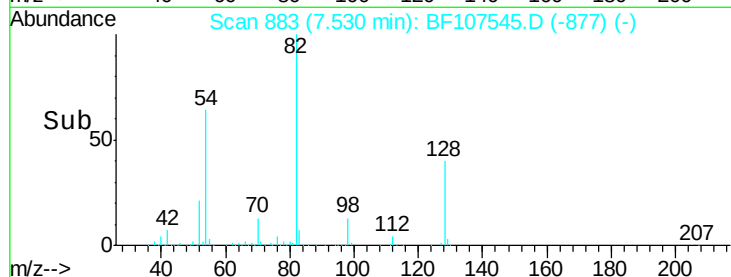
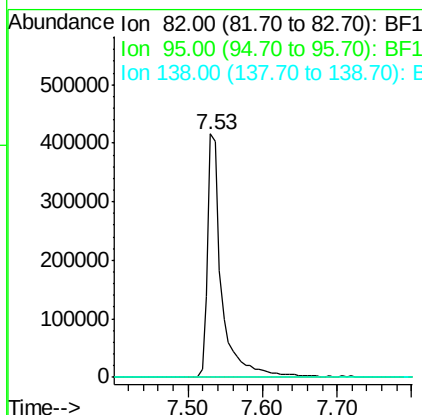
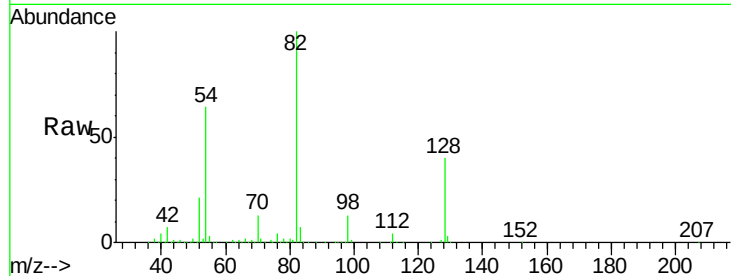




#25
Isophorone
Concen: 13.772 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

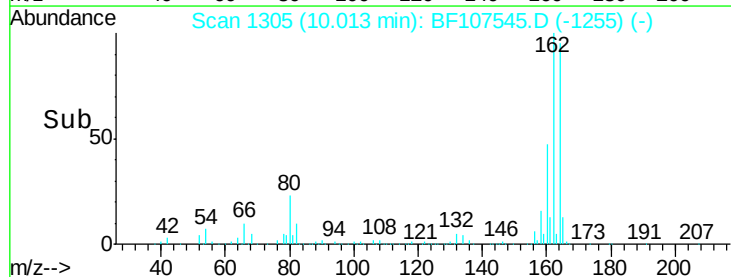
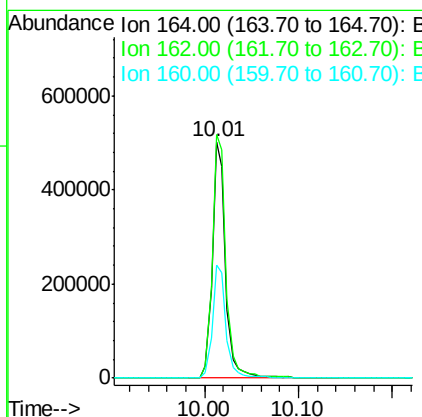
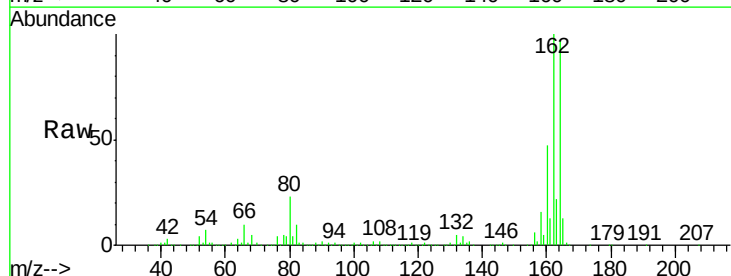
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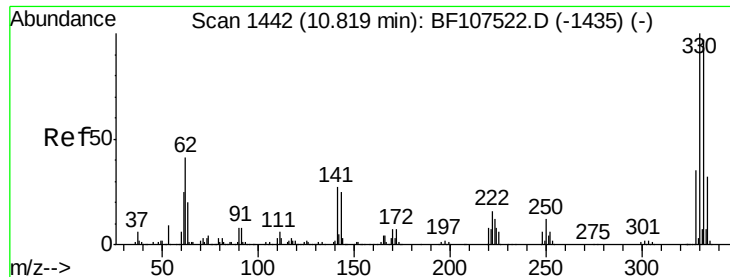
Tgt Ion: 82 Resp: 552771
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 164 Resp: 505088
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 48.1 38.3 57.5

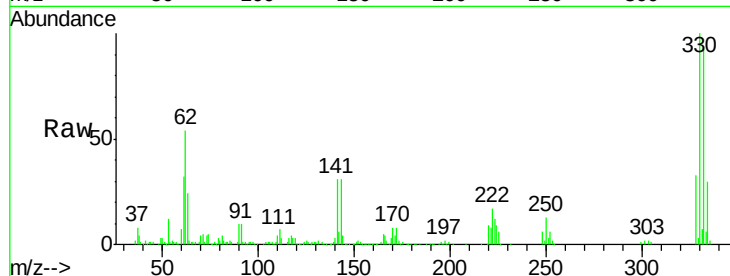




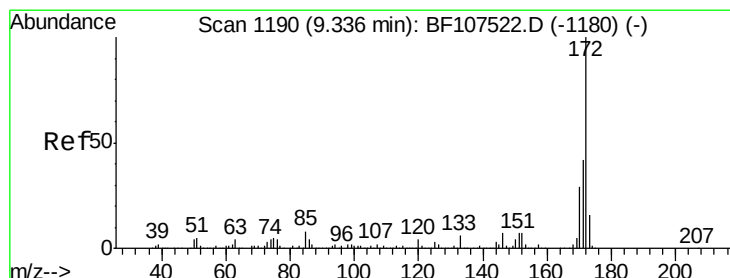
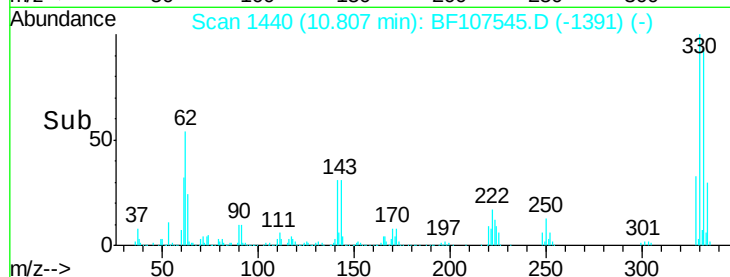
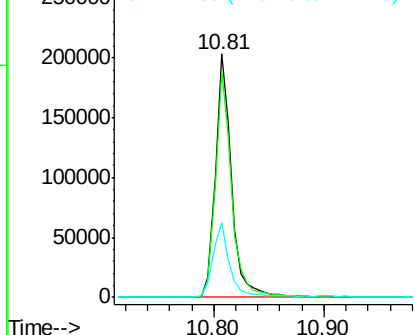
#41
 2,4,6-Tribromophenol
 Concen: 35.906 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107545.D
 Acq: 21 Jul 2018 00:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-071818-C

Tgt Ion:330 Resp: 206233
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 32.1 29.9 44.9

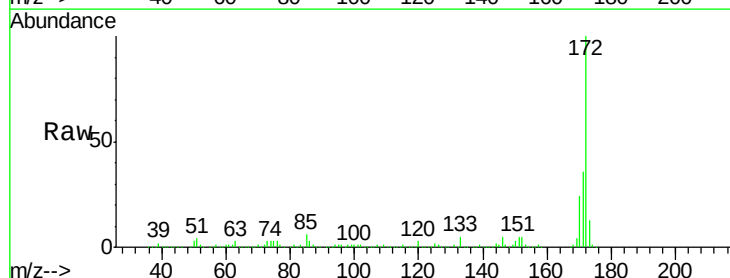


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

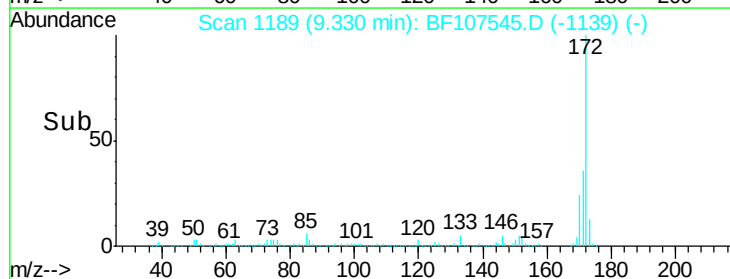
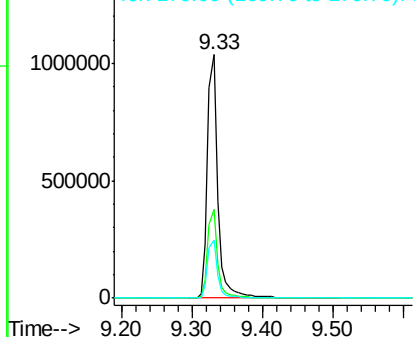


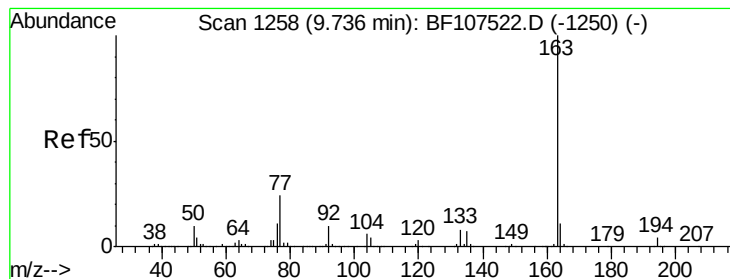
#44
 2-Fluorobiphenyl
 Concen: 28.252 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107545.D
 Acq: 21 Jul 2018 00:56

Tgt Ion:172 Resp: 1055456
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.610 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

EO-02-071818-C

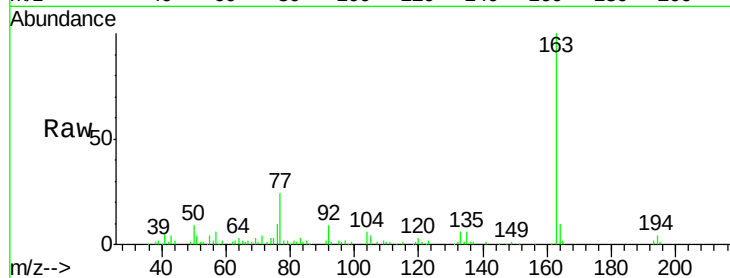
Tgt Ion:163 Resp: 99367

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

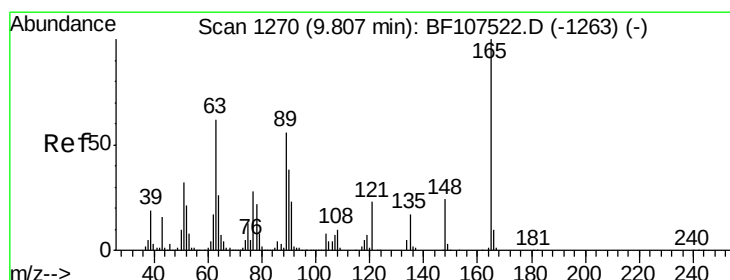
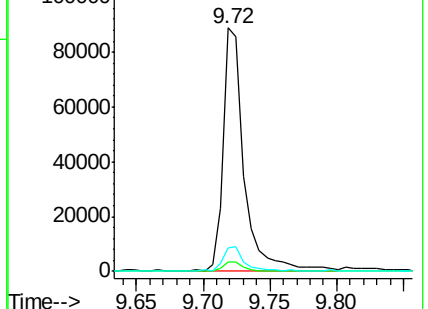
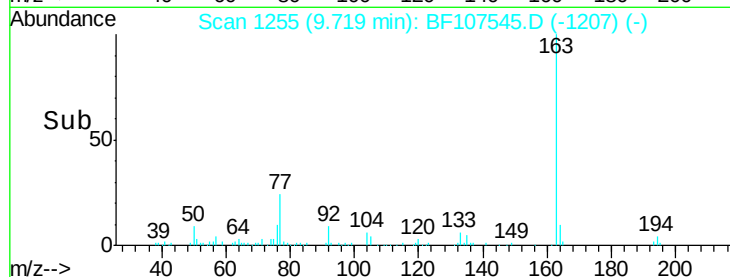
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.583 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

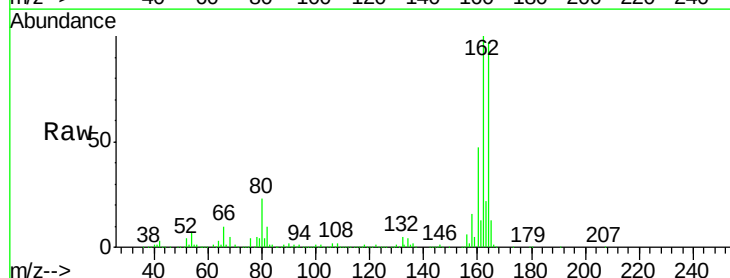
Tgt Ion:165 Resp: 64868

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

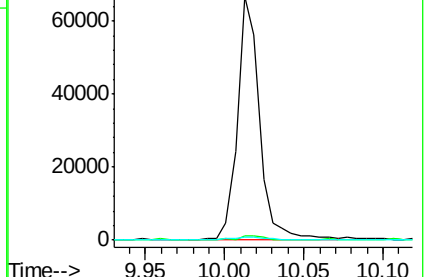
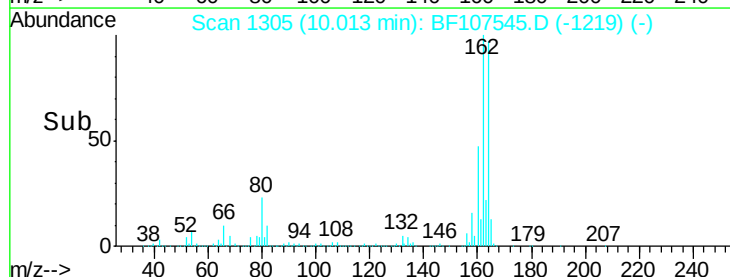
89 1.1 44.0 66.0#

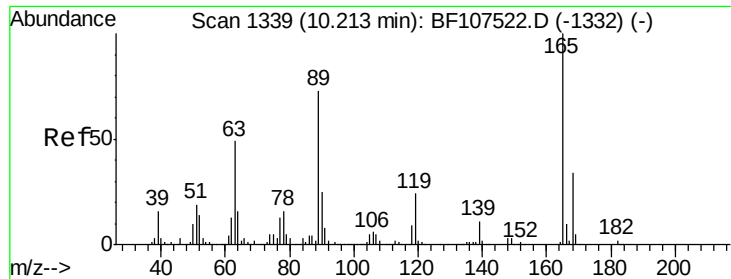


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

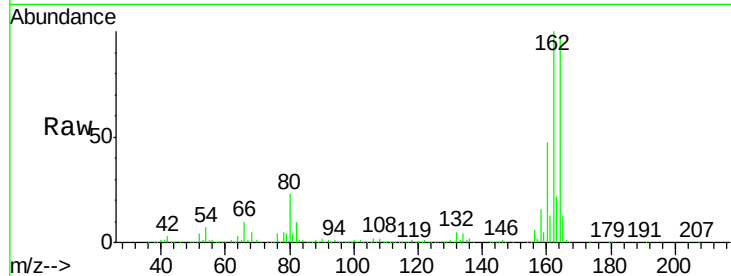




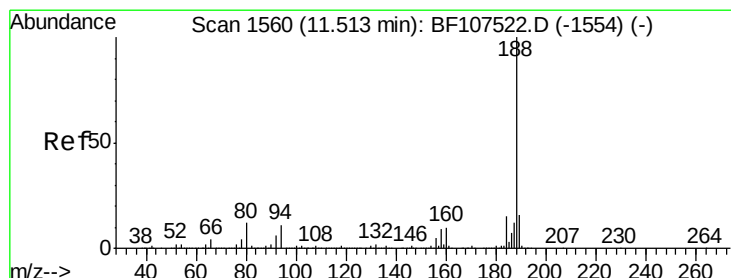
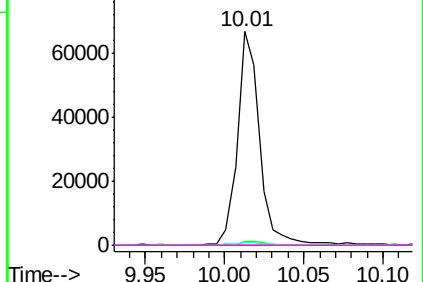
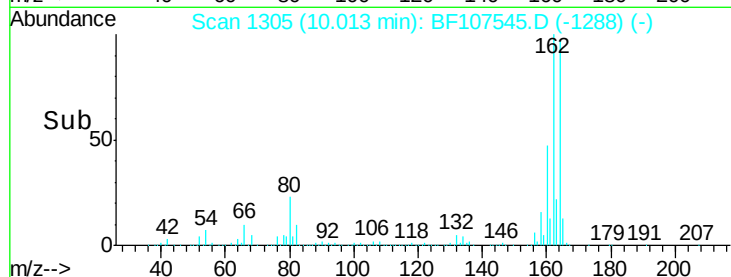
#56
2,4-Dinitrotoluene
Concen: 7.110 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-C

Tgt Ion:165 Resp: 64868
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

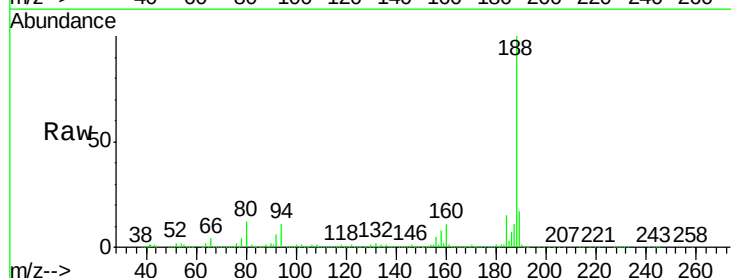


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

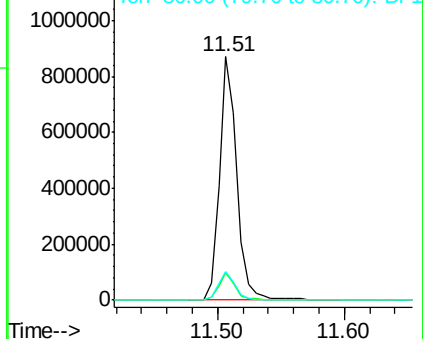
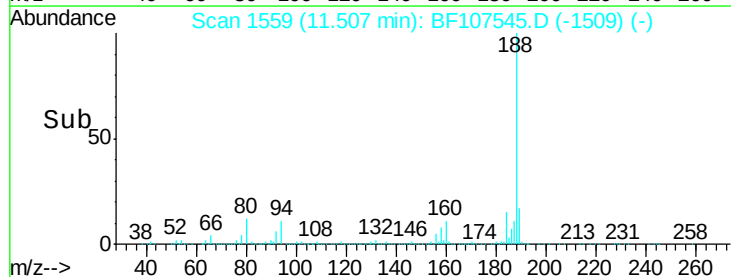


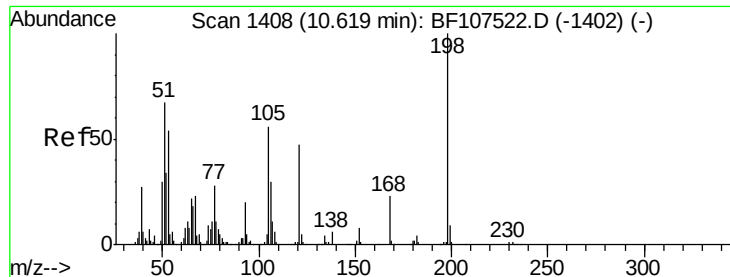
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Tgt Ion:188 Resp: 831197
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

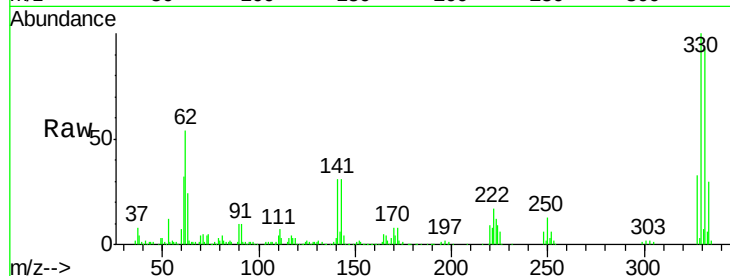




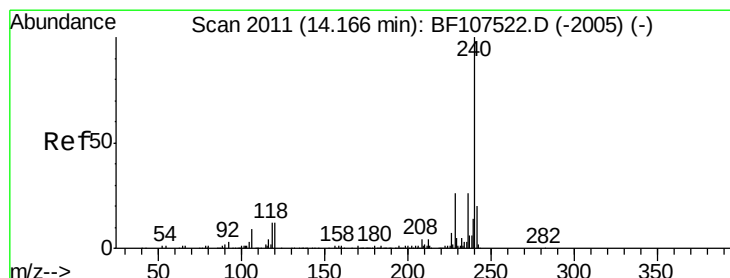
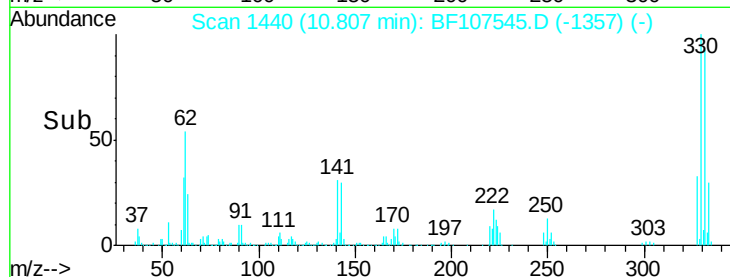
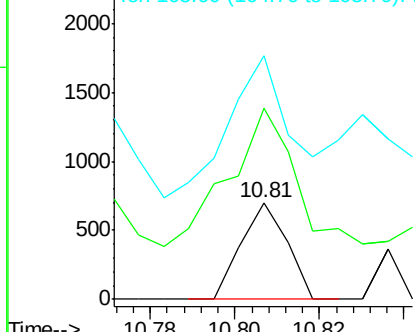
#64
4,6-Dinitro-2-methylphenol
Concen: 8.787 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-C

Tgt Ion:198 Resp: 523
Ion Ratio Lower Upper
198 100
51 198.4 37.7 77.7#
105 252.1 36.3 76.3#

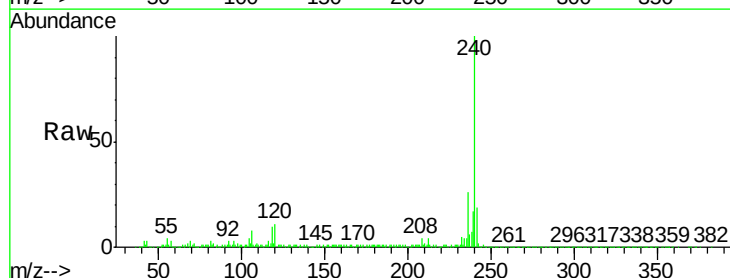


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

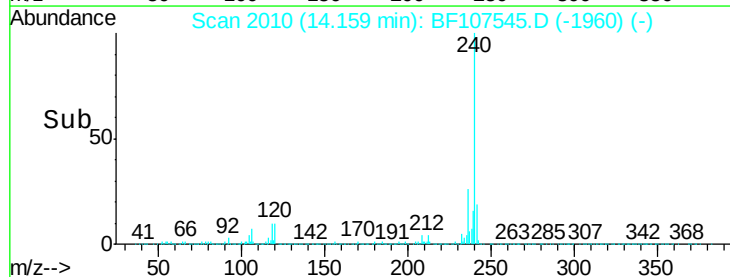
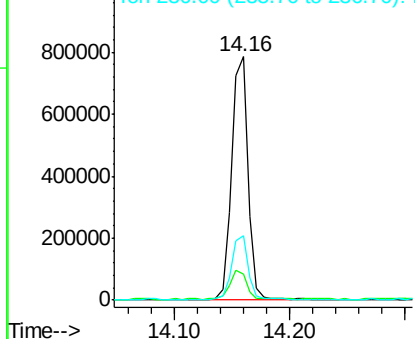


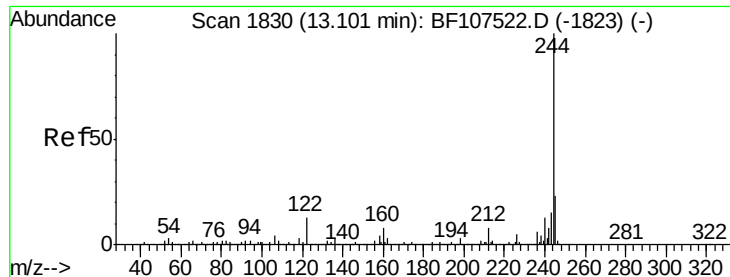
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107545.D
Acq: 21 Jul 2018 00:56

Tgt Ion:240 Resp: 764618
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.4 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: 27.923 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

EO-02-071818-C

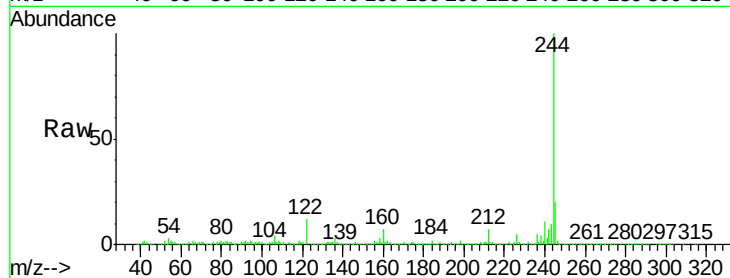
Tgt Ion:244 Resp: 833972

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

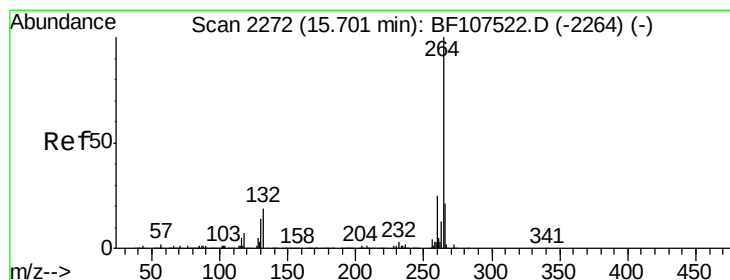
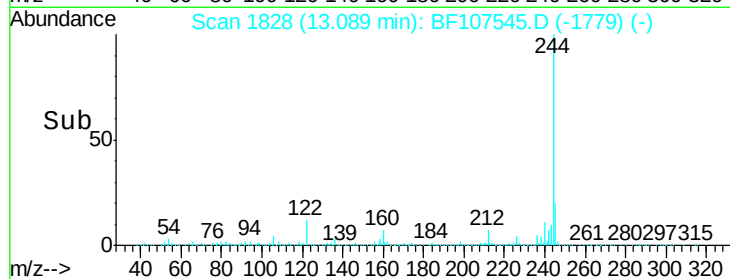
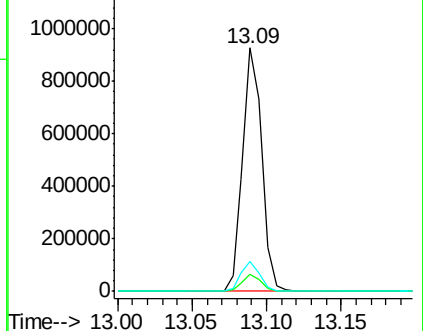
122 12.5 11.0 16.4



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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107545.D

Acq: 21 Jul 2018 00:56

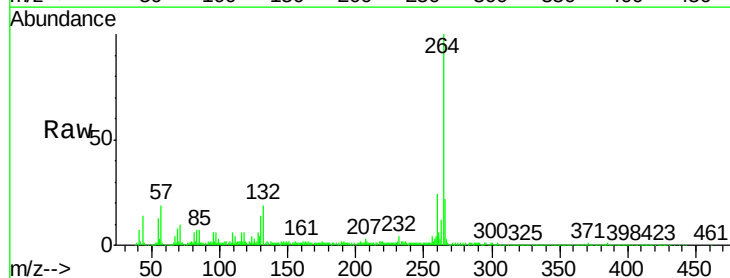
Tgt Ion:264 Resp: 654023

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.2 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

