

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107376.D
 Acq On : 13 Jul 2018 19:15
 Operator : JU/SJ
 Sample : J3944-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-EAST

Quant Time: Jul 13 23:08:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

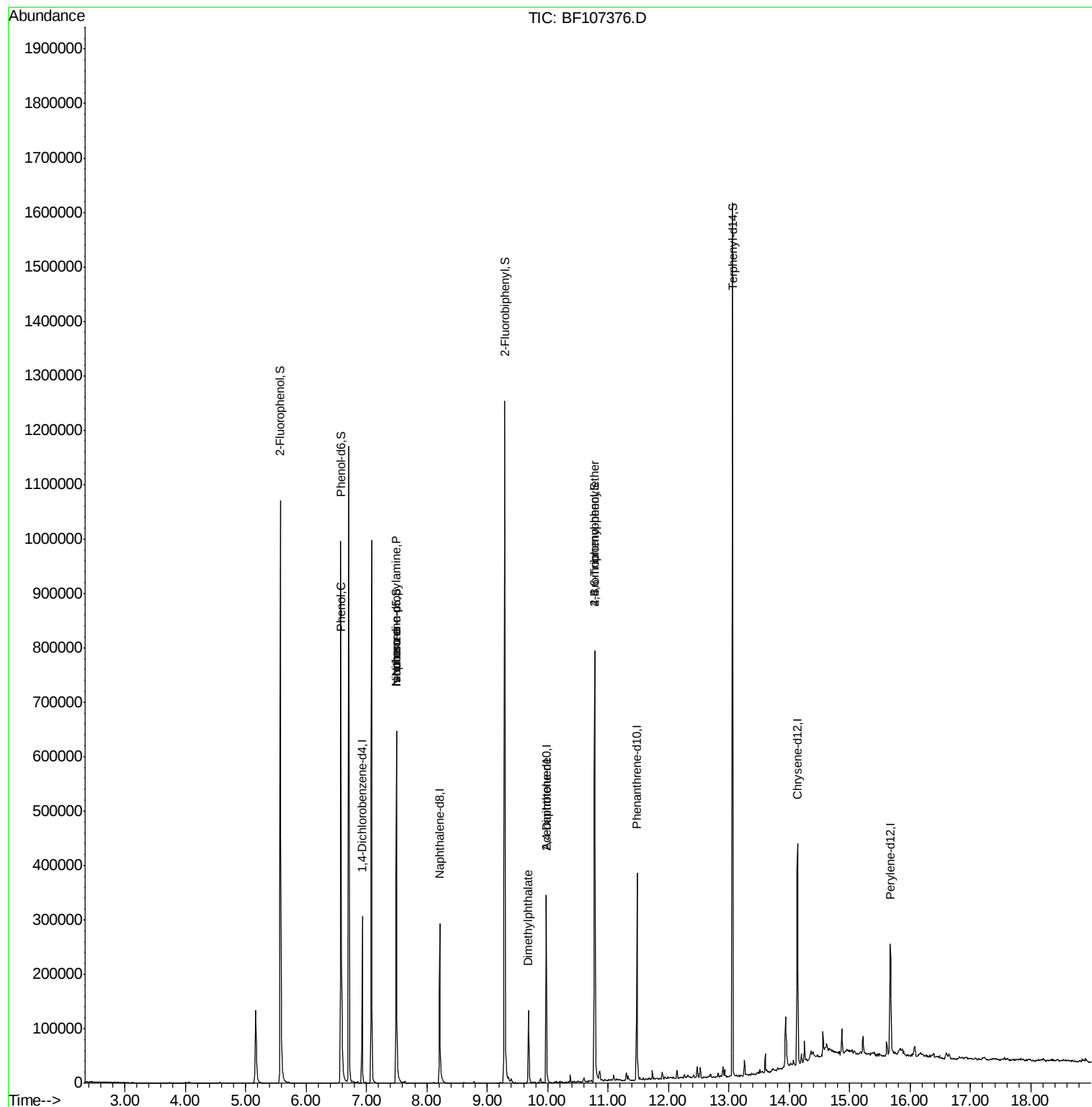
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47743	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	158271	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	75110	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	165795	20.00	ng	0.00
75) Chrysene-d12	14.14	240	154571	20.00	ng	0.00
86) Perylene-d12	15.67	264	108998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	356019	126.27	ng	0.01
7) Phenol-d6	6.58	99	407111	115.62	ng	0.00
23) Nitrobenzene-d5	7.50	82	248146	87.13	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	124561	143.08	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	451246	105.19	ng	0.00
78) Terphenyl-d14	13.06	244	618703	96.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	8839	2.200	ng	# 67
19) n-Nitroso-di-n-propylamine	7.50	70	31386	13.523	ng	# 75
25) Isophorone	7.50	82	248163	49.450	ng	# 64
49) Dimethylphthalate	9.68	163	63147	11.210	ng	# 99
56) 2,4-Dinitrotoluene	9.98	165	9465	6.079	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	7772	3.928	ng	# 1

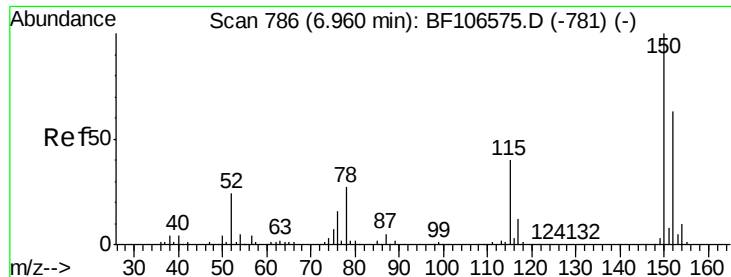
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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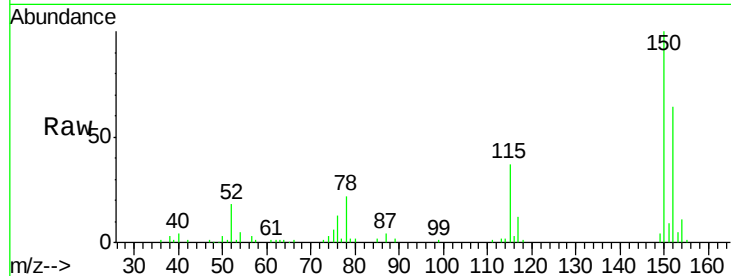


#1

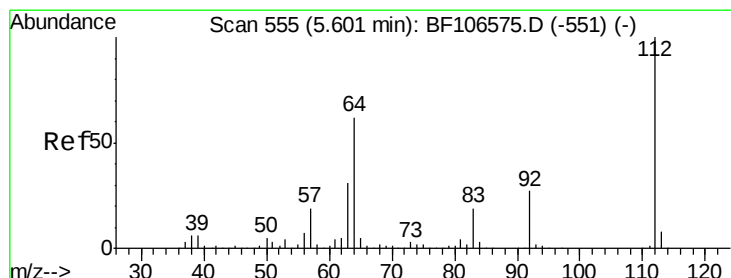
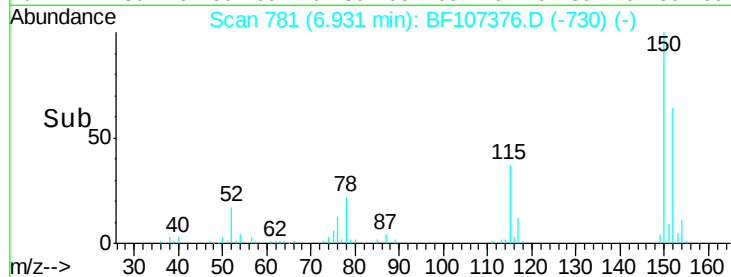
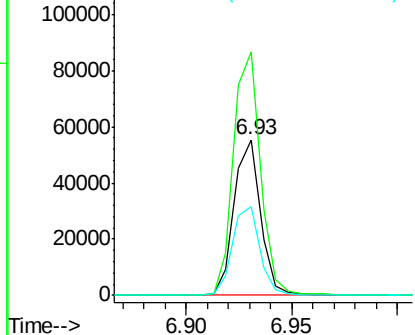
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Instrument :
BNA_F
ClientSampleId :
FOUNDRY-EAST

Tgt Ion:152 Resp: 47743
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.4 50.1 75.1



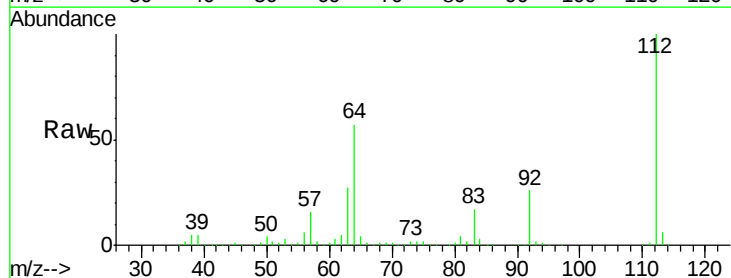
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



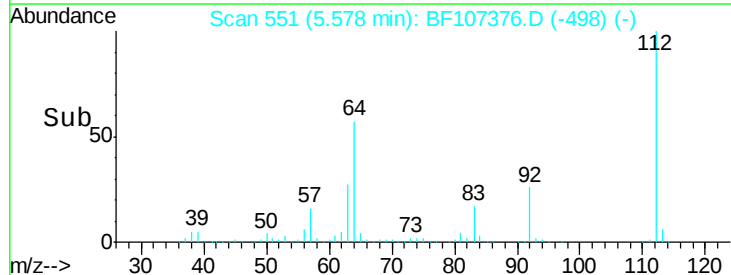
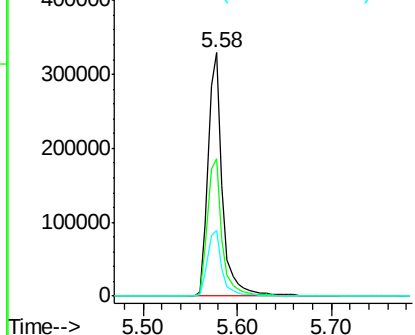
#5

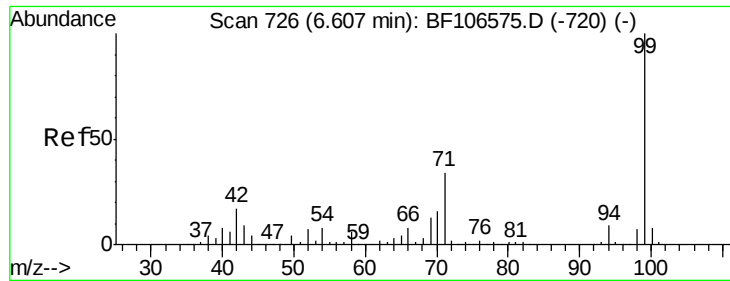
2-Fluorophenol
Concen: 126.271 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Tgt Ion:112 Resp: 356019
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.2 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: 115.624 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107376.D

Acq: 13 Jul 2018 19:15

Instrument :

BNA_F

ClientSampleId :

FOUNDRY-EAST

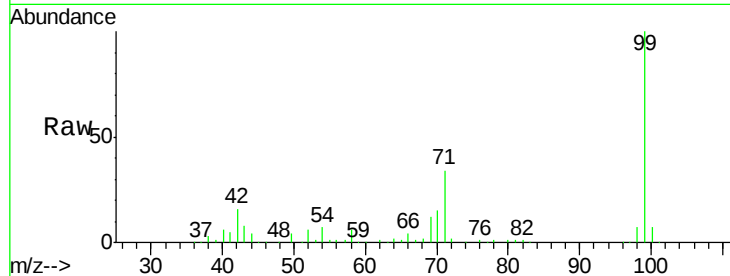
Tgt Ion: 99 Resp: 407111

Ion Ratio Lower Upper

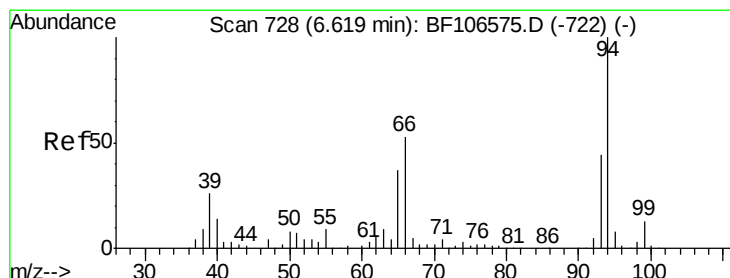
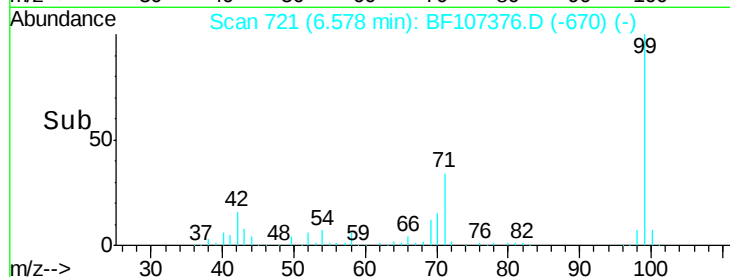
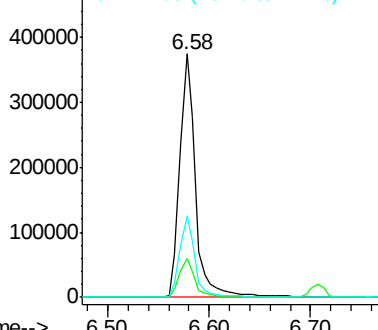
99 100

42 16.0 14.5 21.7

71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.200 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF107376.D

Acq: 13 Jul 2018 19:15

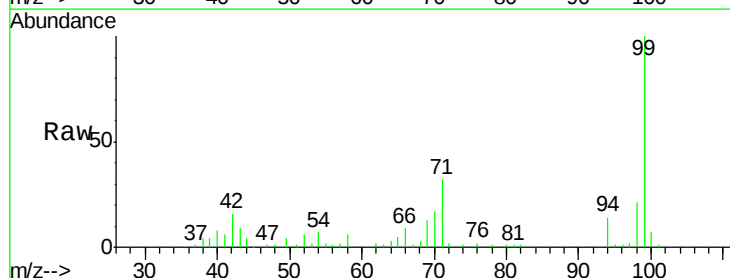
Tgt Ion: 94 Resp: 8839

Ion Ratio Lower Upper

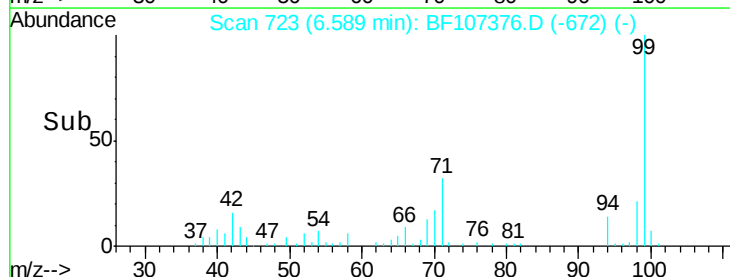
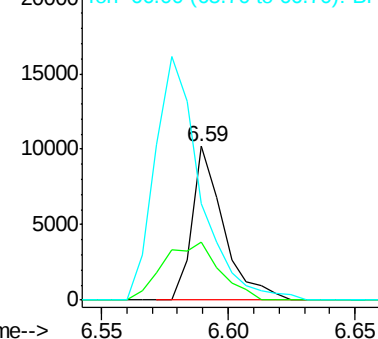
94 100

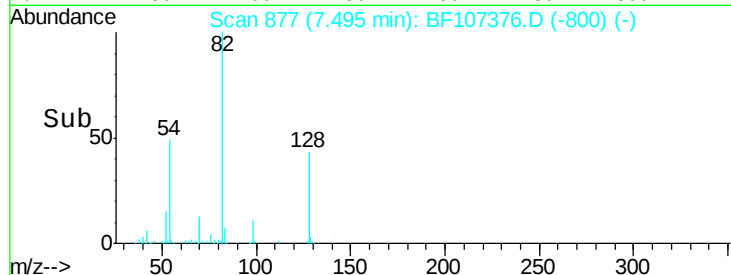
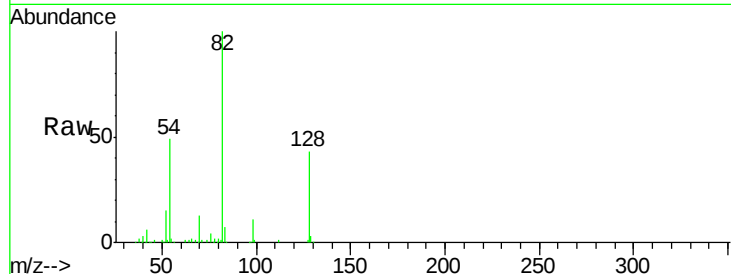
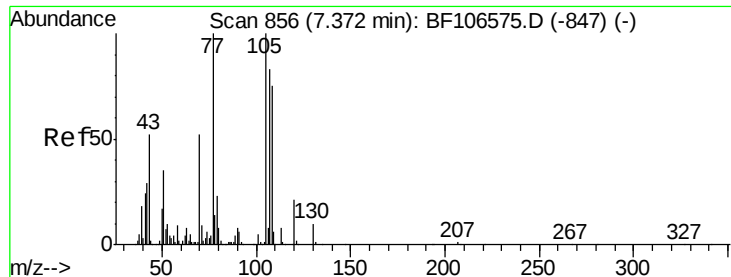
65 37.9 7.9 47.9

66 62.4 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

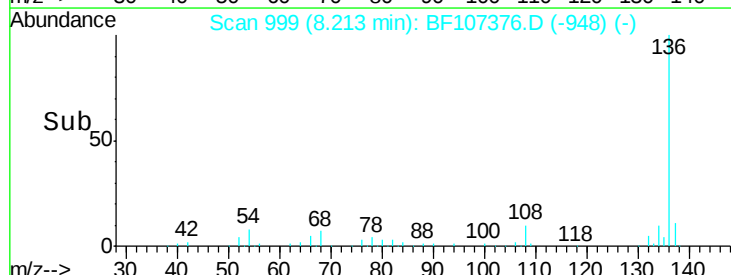
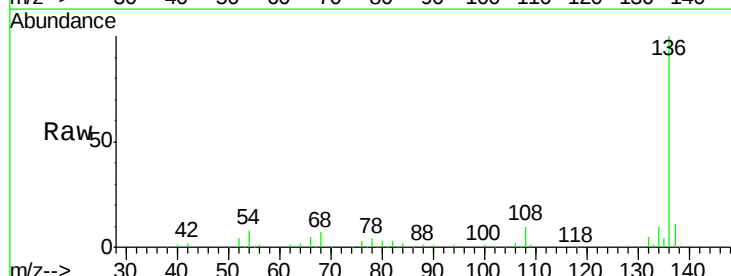
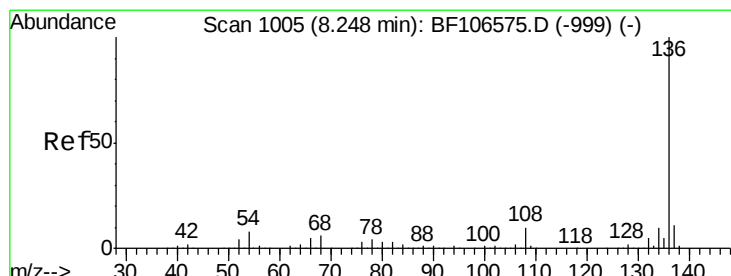
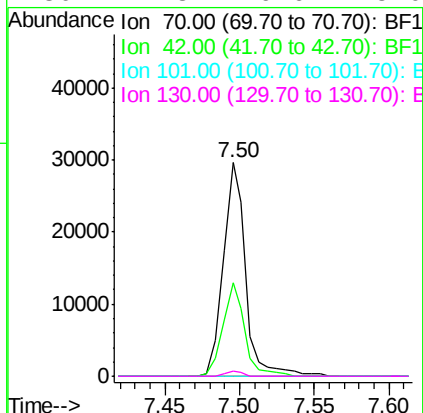




#19
n-Nitroso-di-n-propylamine
Concen: 13.523 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

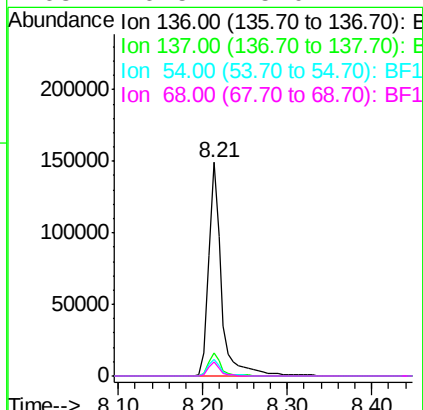
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FOUNDRY-EAST

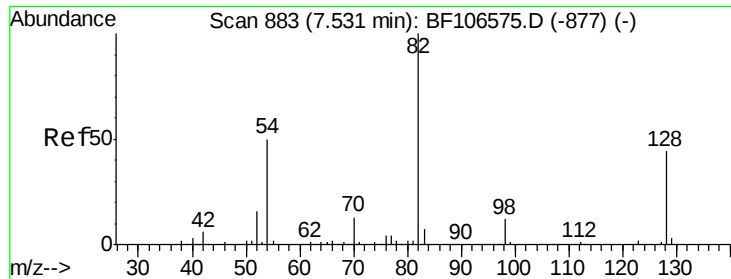
Tgt Ion:	70	Resp:	31386
Ion	Ratio	Lower	Upper
70	100		
42	44.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Tgt Ion:	136	Resp:	158271
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4

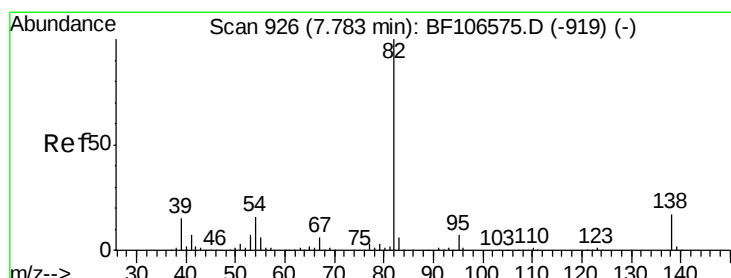
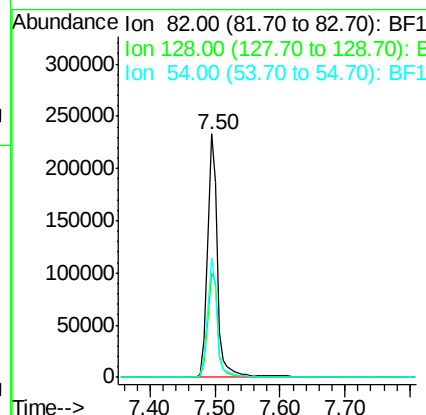
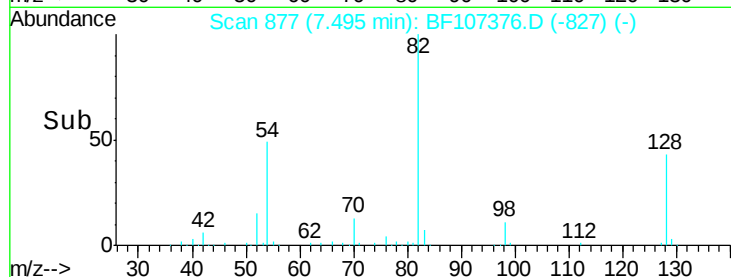
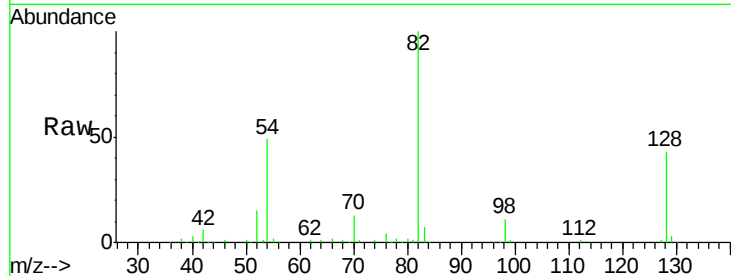




#23
Nitrobenzene-d5
Concen: 87.131 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

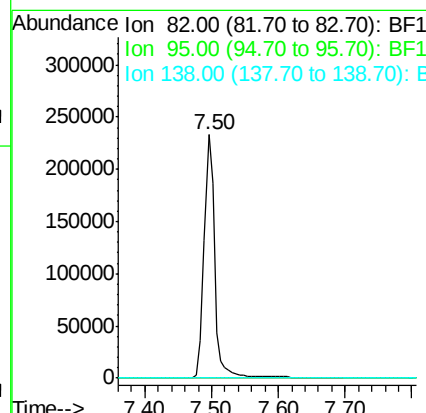
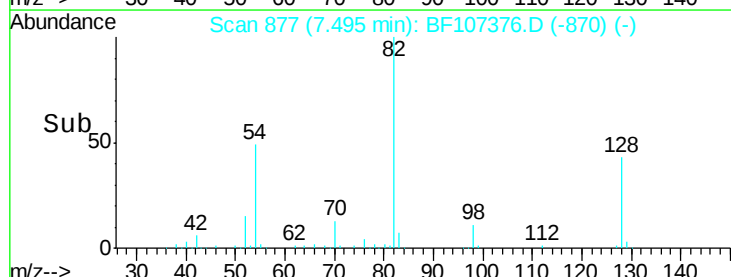
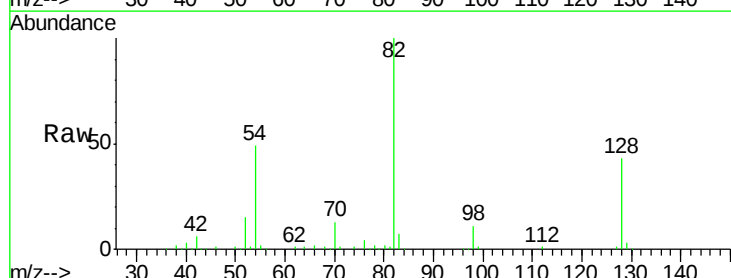
Instrument :
BNA_F
ClientSampleId :
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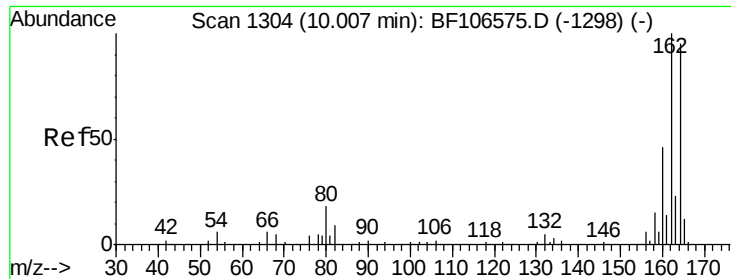
Tgt Ion: 82 Resp: 248146
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 49.0 41.4 62.2



#25
Isophorone
Concen: 49.450 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Tgt Ion: 82 Resp: 248163
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

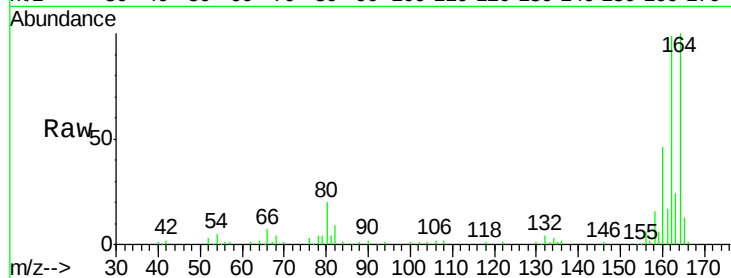




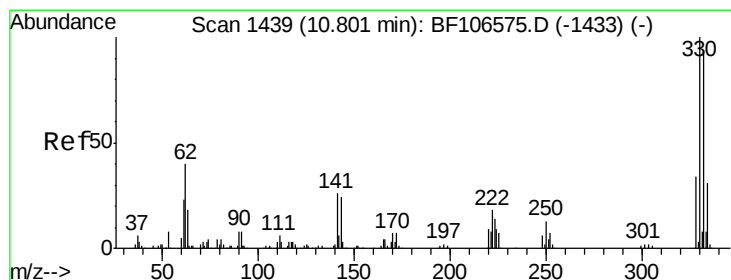
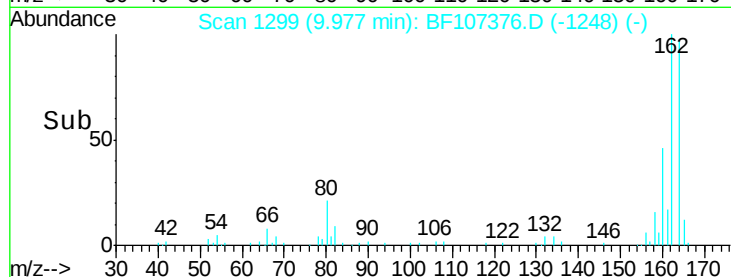
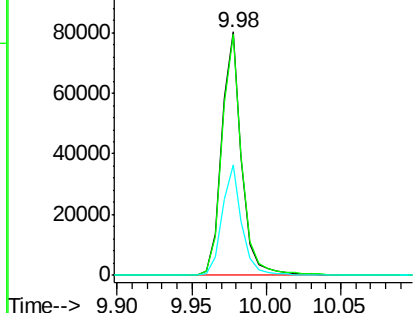
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-EAST

Tgt Ion:164 Resp: 75110
 Ion Ratio Lower Upper
 164 100
 162 99.2 86.1 129.1
 160 45.6 38.3 57.5

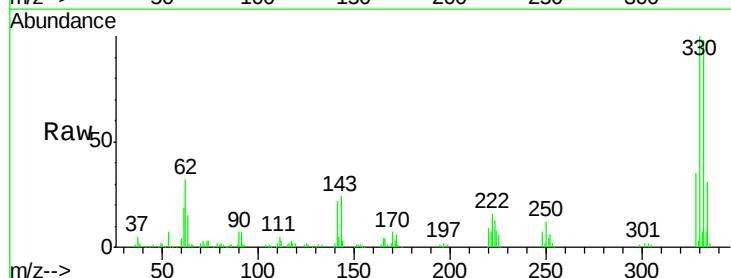


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

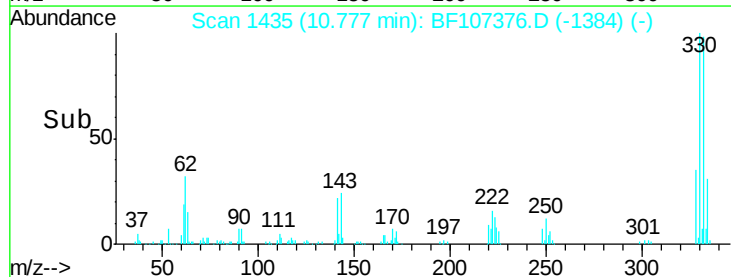
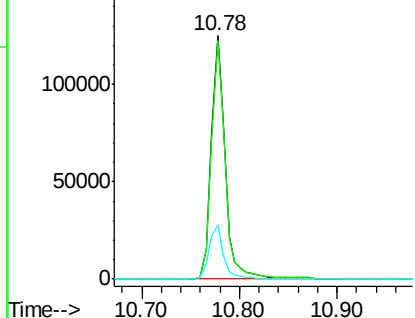


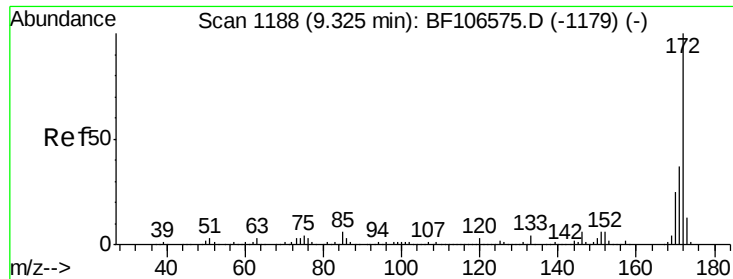
#41
 2,4,6-Tribromophenol
 Concen: 143.084 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

Tgt Ion:330 Resp: 124561
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 22.9 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

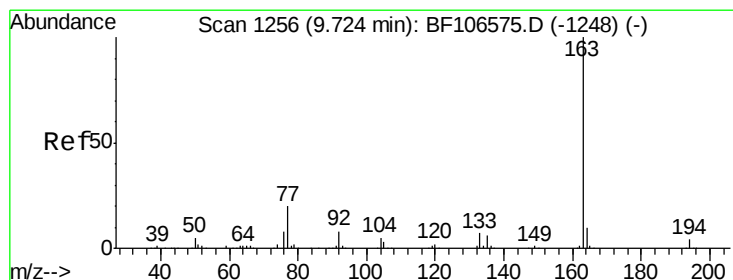
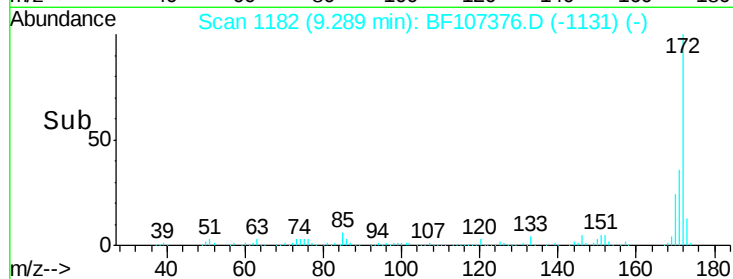
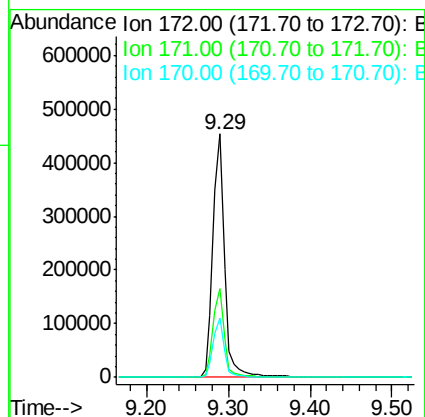
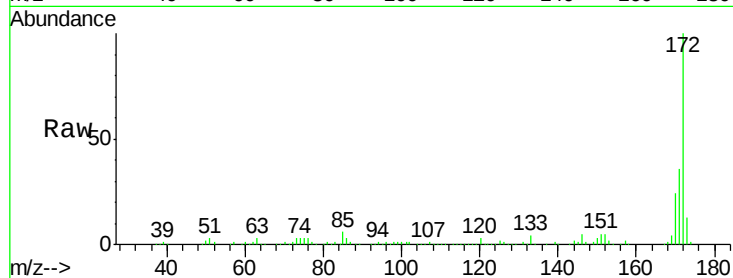




#44
2-Fluorobiphenyl
Concen: 105.194 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

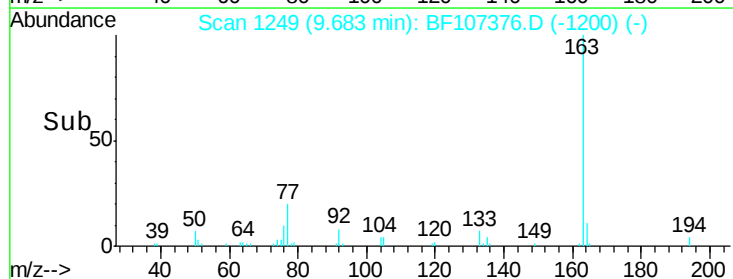
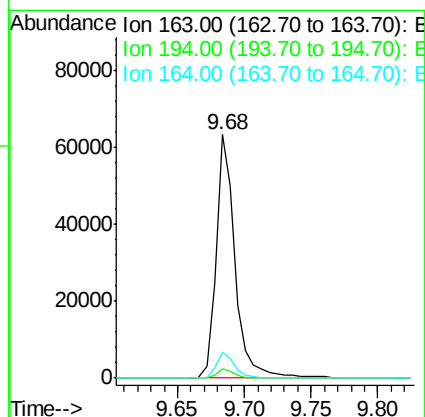
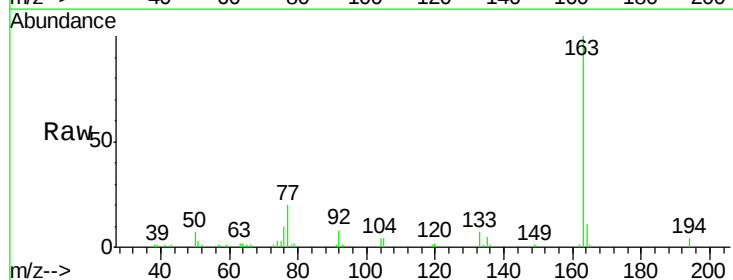
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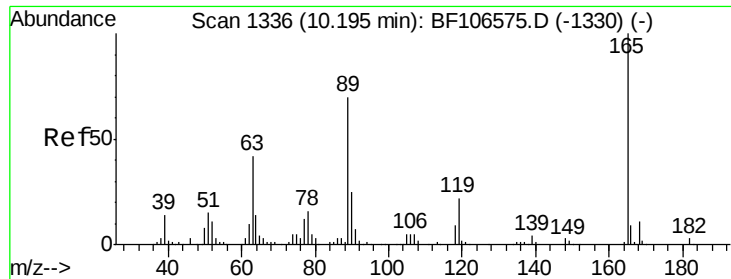
Tgt Ion:172 Resp: 451246
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 11.210 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Tgt Ion:163 Resp: 63147
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.2 12.2

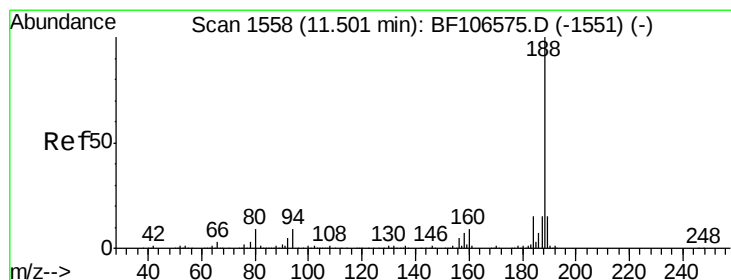
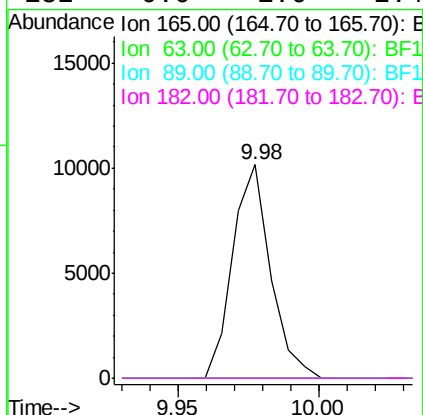
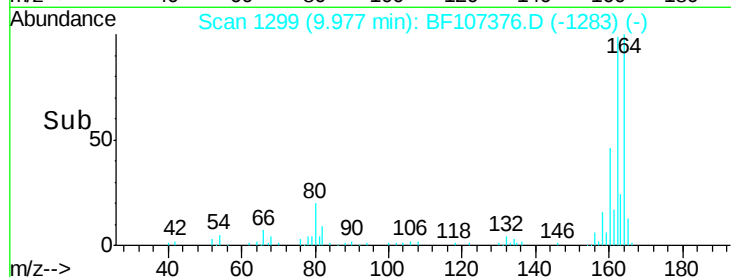
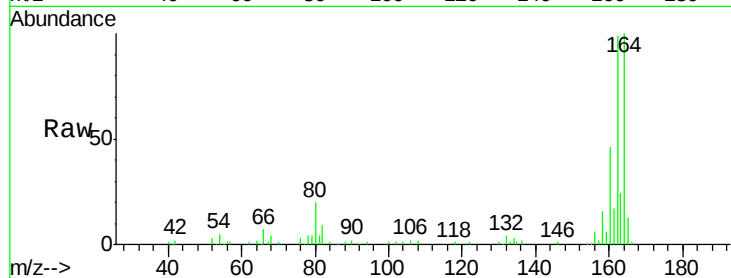




#56
 2,4-Dinitrotoluene
 Concen: 6.079 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

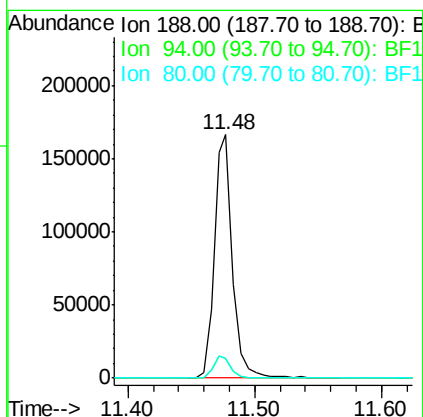
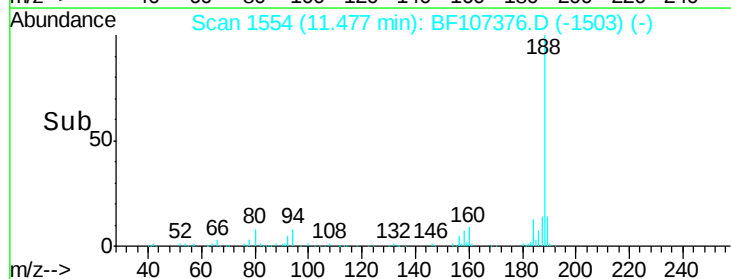
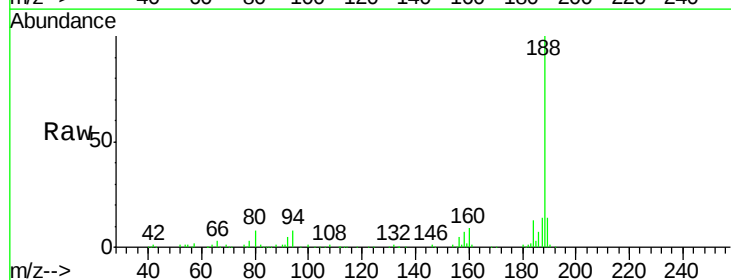
Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-EAST

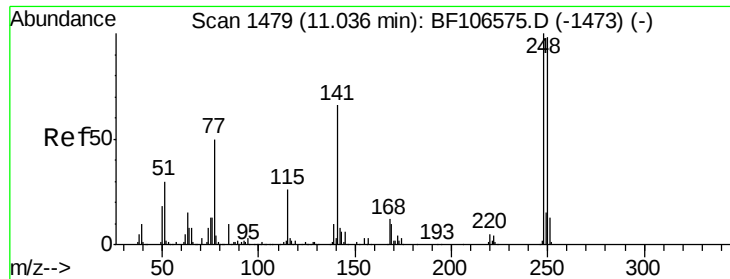
Tgt Ion:	165	Resp:	9465
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

Tgt Ion:	188	Resp:	165795
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.3	9.2	13.8#

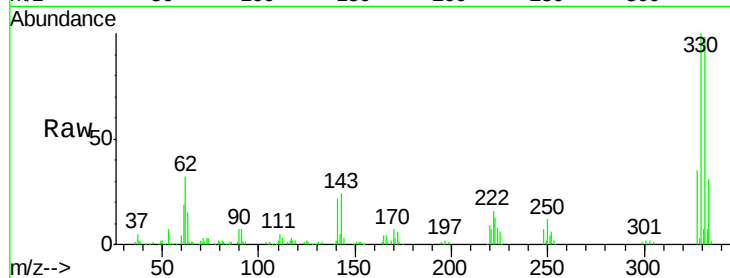




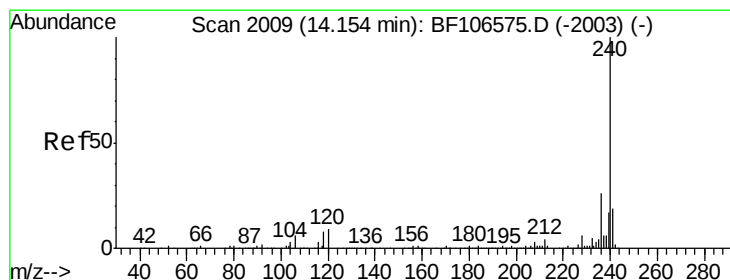
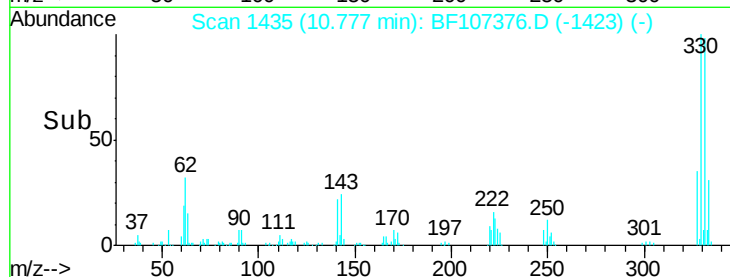
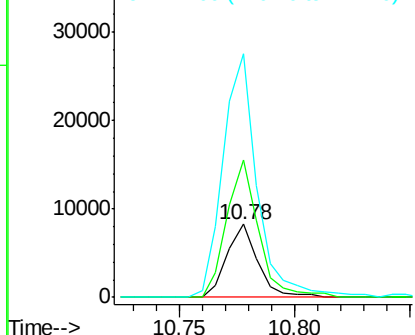
#66
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.23 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Instrument :
BNA_F
ClientSampleId :
FOUNDRY-EAST

Tgt Ion:248 Resp: 7772
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 333.3 74.4 111.6#

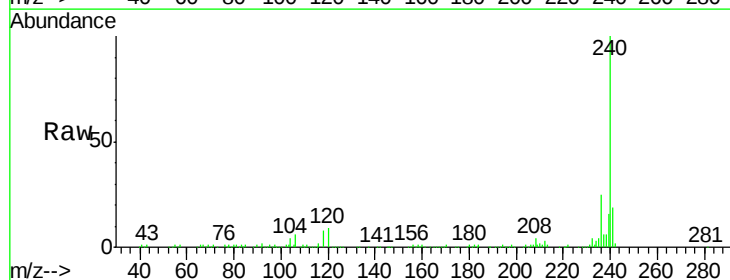


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

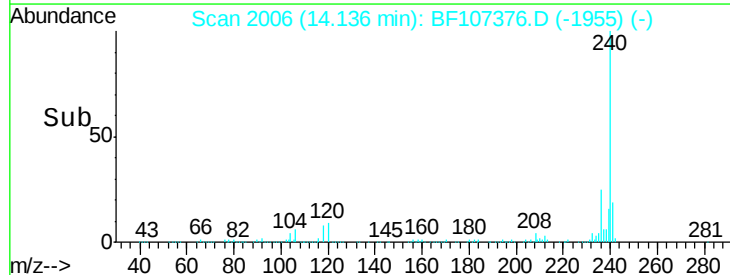
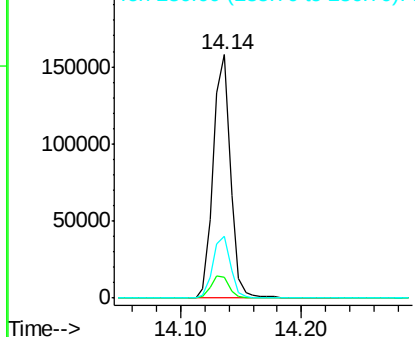


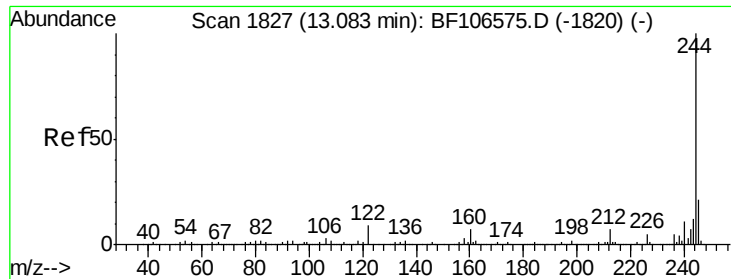
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF107376.D
Acq: 13 Jul 2018 19:15

Tgt Ion:240 Resp: 154571
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.5 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

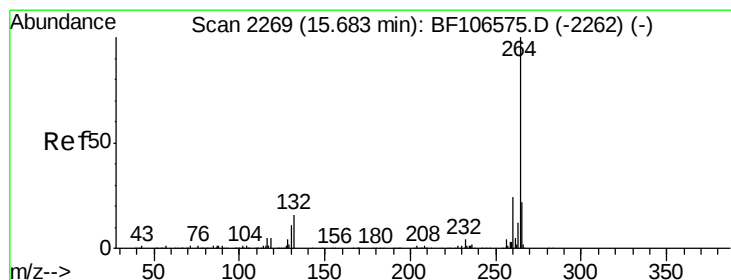
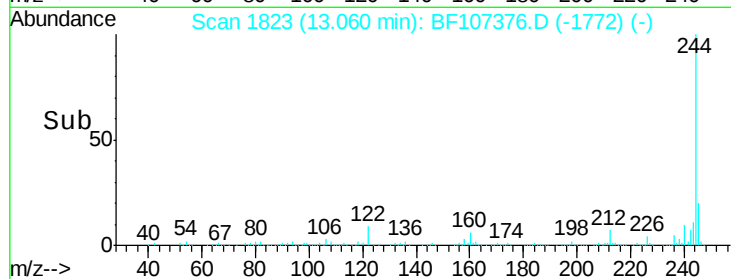
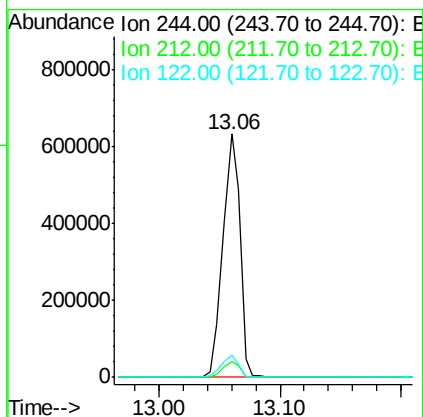
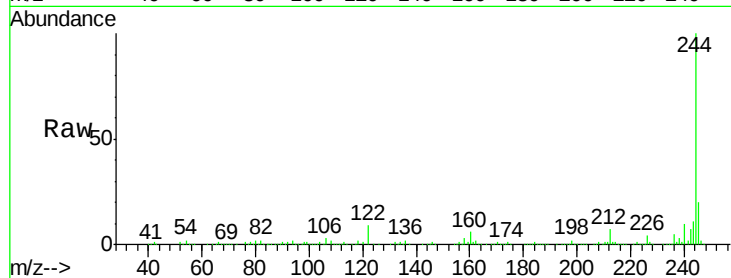




#78
 Terphenyl-d14
 Concen: 96.958 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-EAST

Tgt Ion:244 Resp: 618703
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF107376.D
 Acq: 13 Jul 2018 19:15

Tgt Ion:264 Resp: 108998
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.5 26.3

