

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
 Data File : BF098986.D
 Acq On : 1 Oct 2017 12:29
 Operator : SJ/JU
 Sample : PB102778BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BL

Manual Integrations
 APPROVED

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Quant Time: Oct 02 01:11:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130815	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	550114	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	251630	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	457659	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	324801	20.00	ng	-0.02
86) Perylene-d12	15.56	264	233519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1058500	128.81	ng	0.00
7) Phenol-d6	6.53	99	1248407	123.15	ng	-0.01
23) Nitrobenzene-d5	7.46	82	789211	92.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	262224	127.35	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1433192	95.08	ng	-0.02
78) Terphenyl-d14	13.02	244	1273732	89.18	ng	-0.02

Target Compounds Qvalue

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

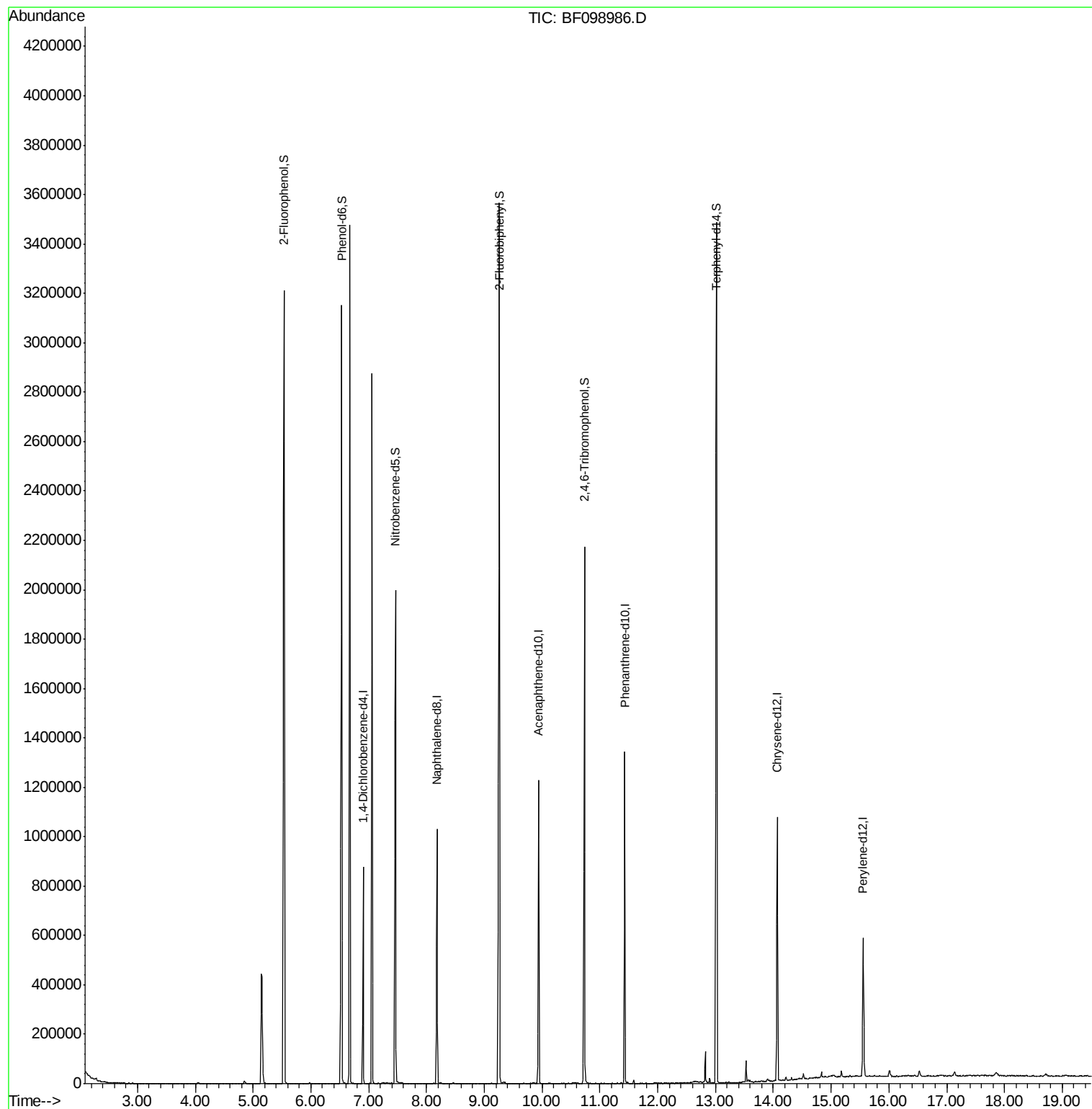
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
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#1

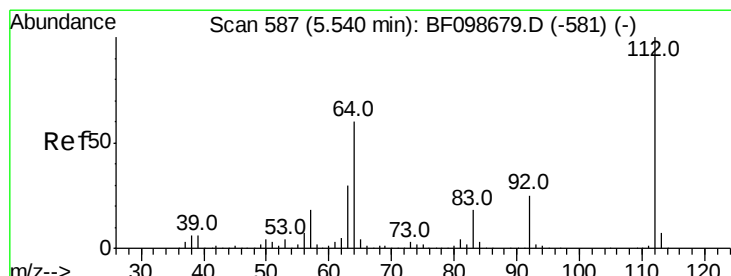
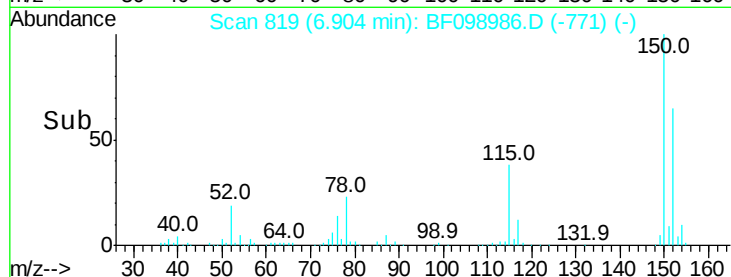
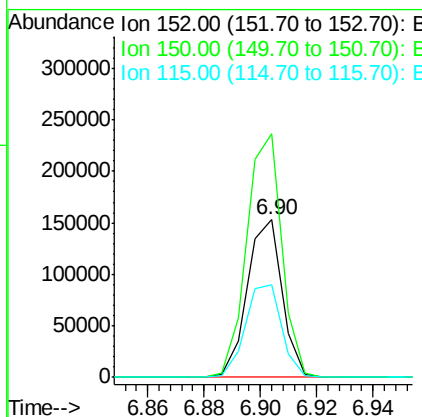
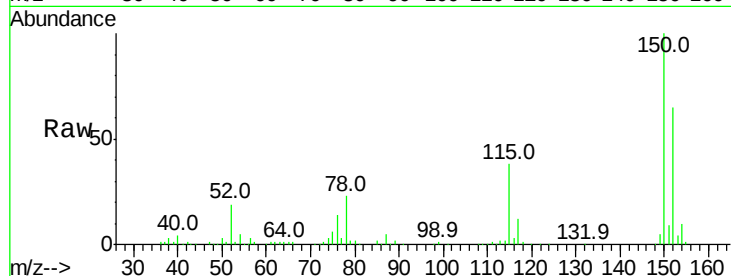
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098986.D
Acq: 1 Oct 2017 12:29

Instrument :
BNA_F
ClientSampleId :
PB102778BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.8	50.1	75.1

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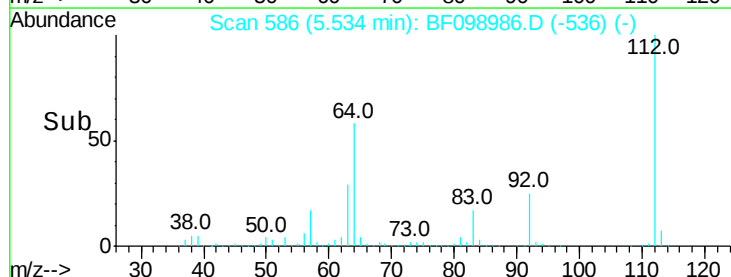
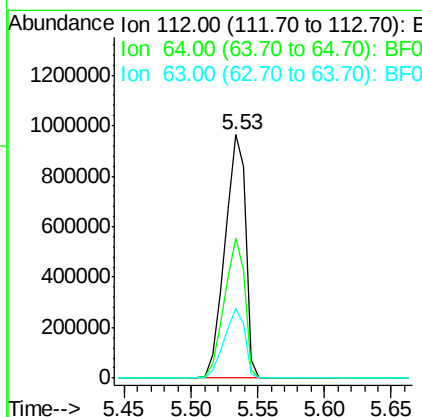
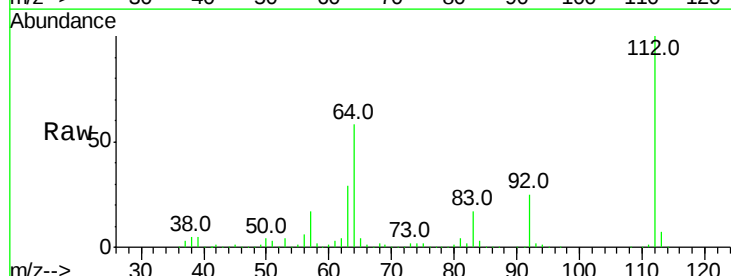
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#5

2-Fluorophenol
Concen: 128.810 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098986.D
Acq: 1 Oct 2017 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 123.150 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Instrument :

BNA_F

ClientSampleId :

PB102778BL

Tot Ion: 99 Resp: 1248407

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

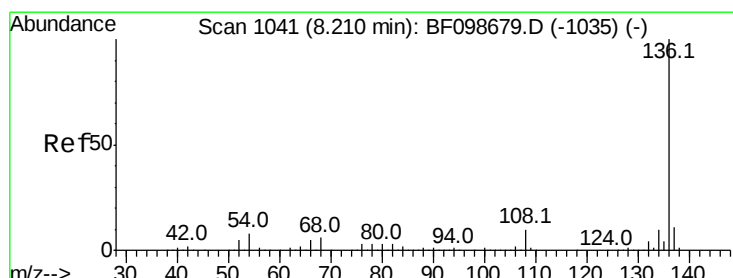
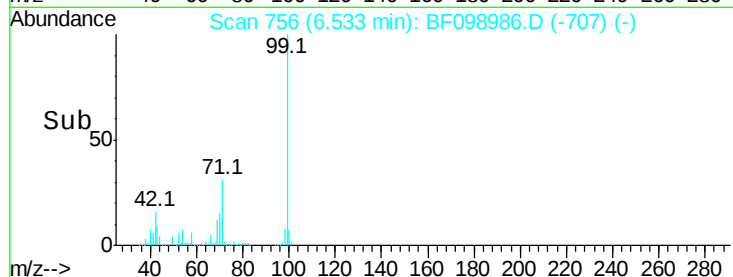
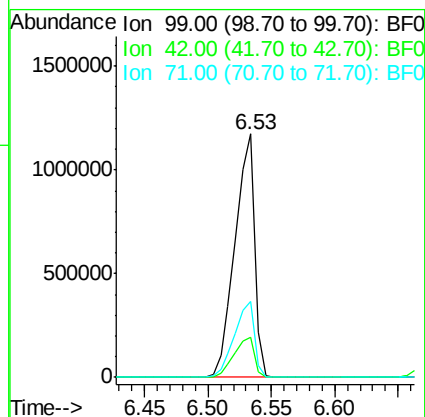
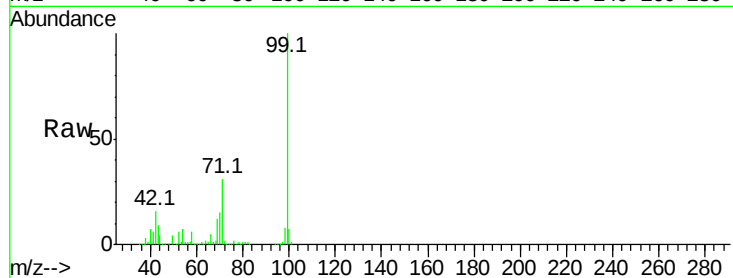
71 31.1 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Tgt Ion: 136 Resp: 550114

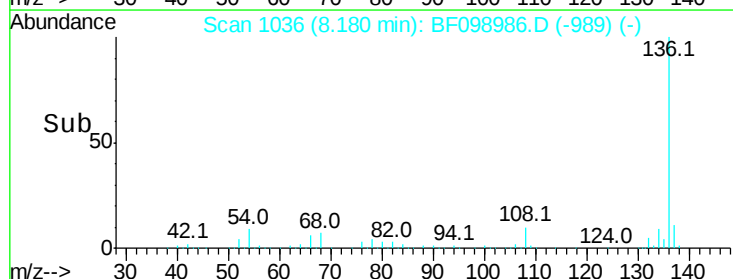
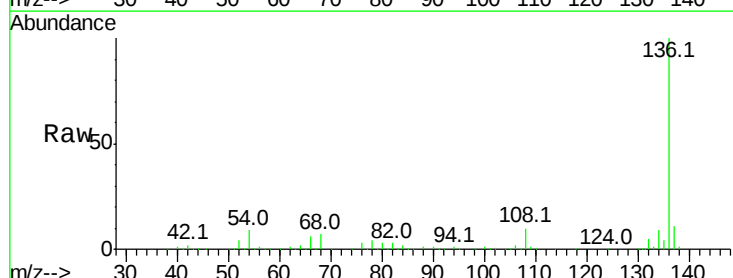
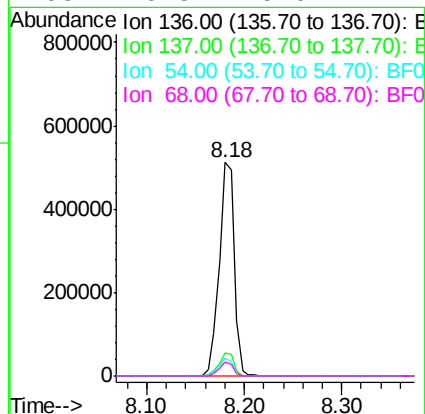
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 6.5 5.0 7.4





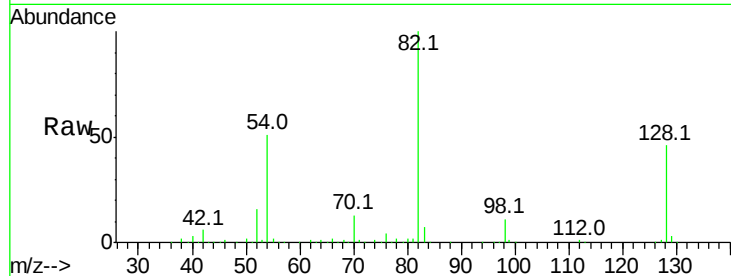
#23
Nitrobenzene-d5
Concen: 92.003 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF098986.D
Acq: 1 Oct 2017 12:29

Instrument :
BNA_F
ClientSampled :
PB102778BL

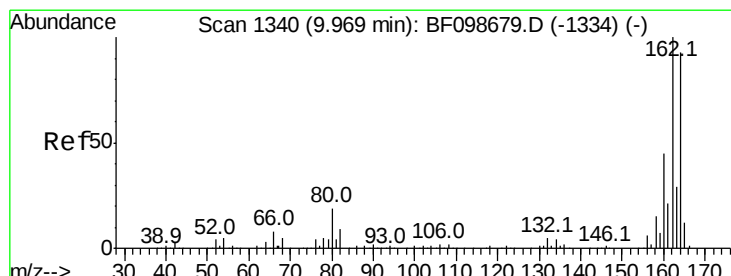
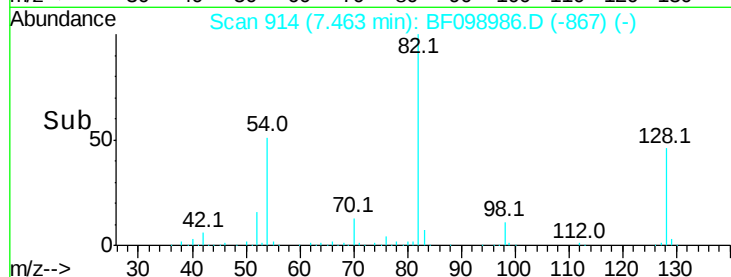
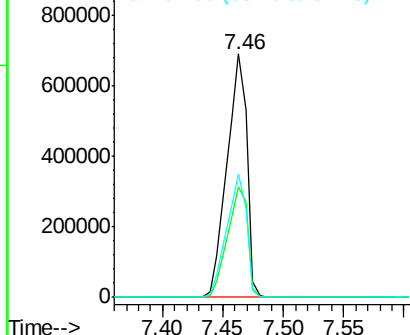
Tot Ion	Ratio	Resp	Lower	Upper
82	100	789211		
128	45.5	36.1	54.1	
54	50.8	41.4	62.2	

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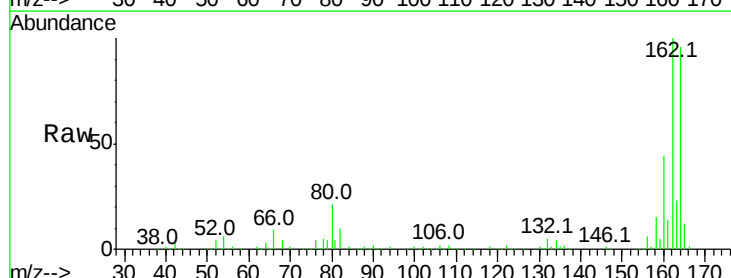


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

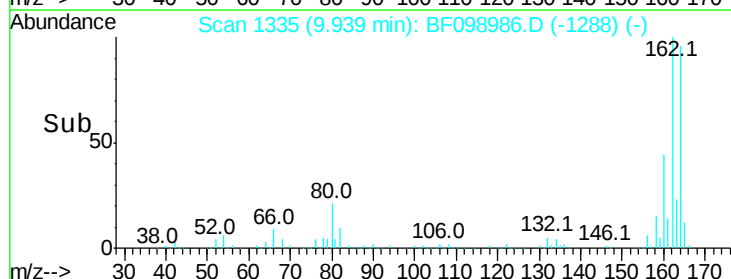
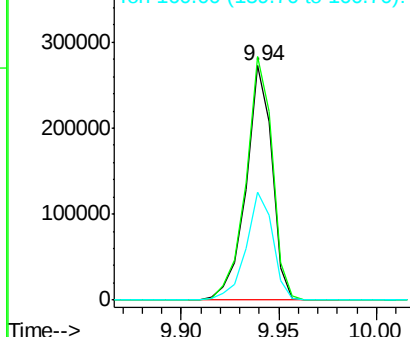


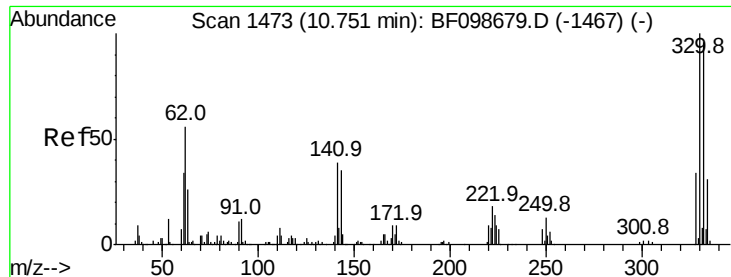
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF098986.D
Acq: 1 Oct 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	251630		
162	103.9	86.1	129.1	
160	46.0	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





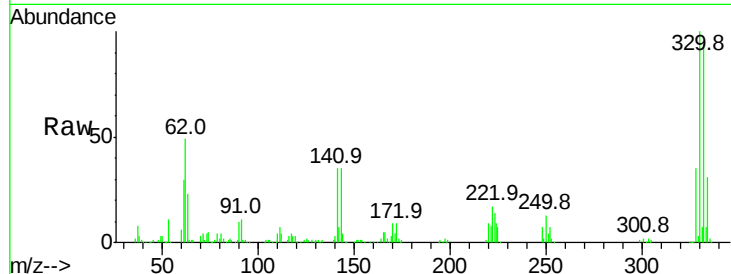
#41
 2,4,6-Tribromophenol
 Concen: 127.354 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098986.D
 Acq: 1 Oct 2017 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102778BL

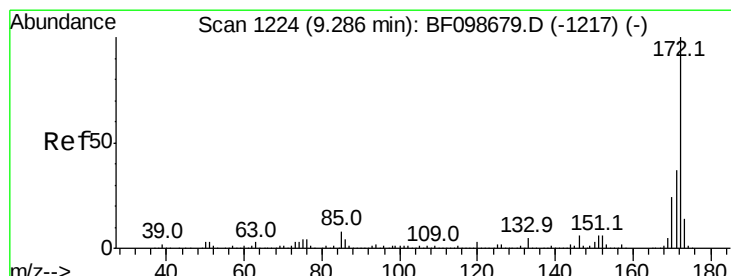
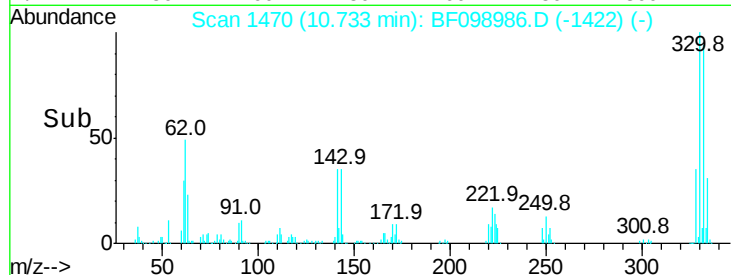
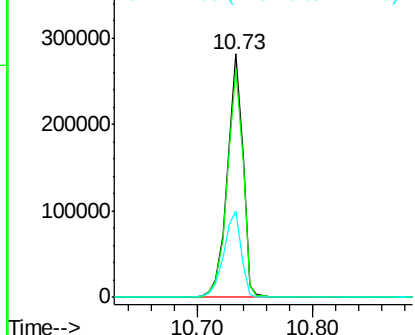
Tot Ion	Ratio	Resp	Lower	Upper
330	100	262224		
332	95.3	77.0	115.6	
141	39.5	29.9	44.9	

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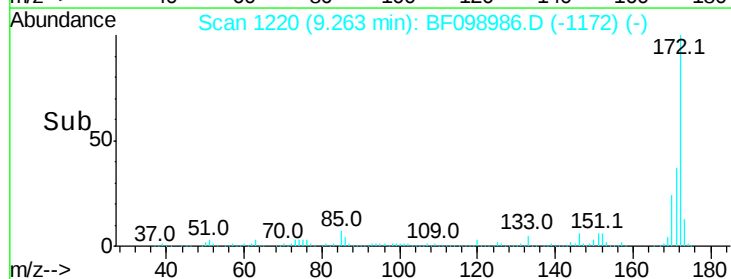
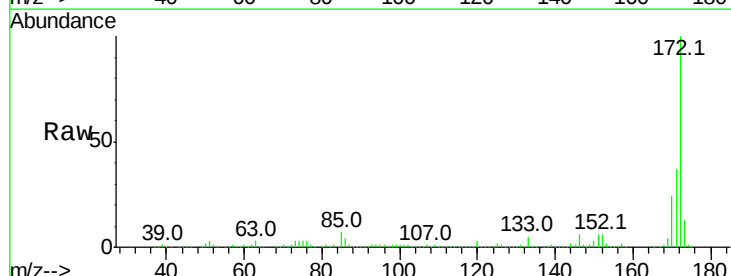
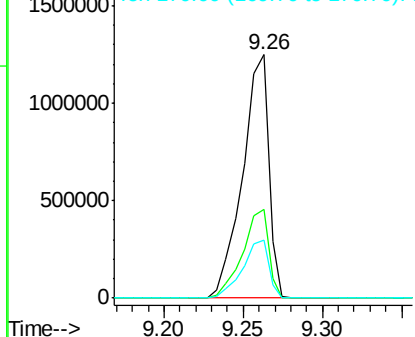
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

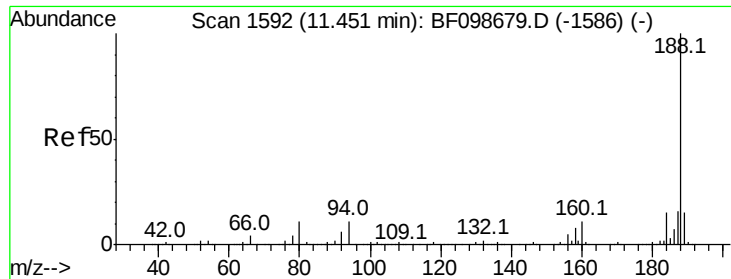


#44
 2-Fluorobiphenyl
 Concen: 95.084 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098986.D
 Acq: 1 Oct 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1433192		
171	36.5	29.7	44.5	
170	24.1	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Instrument :

BNA_F

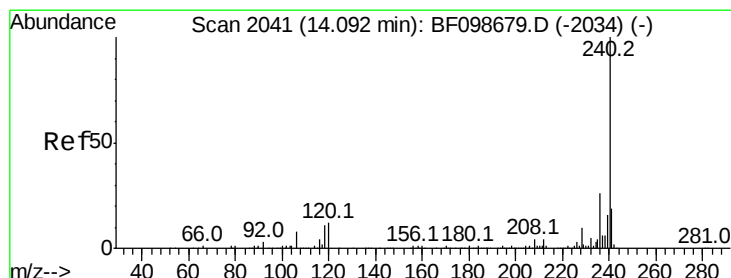
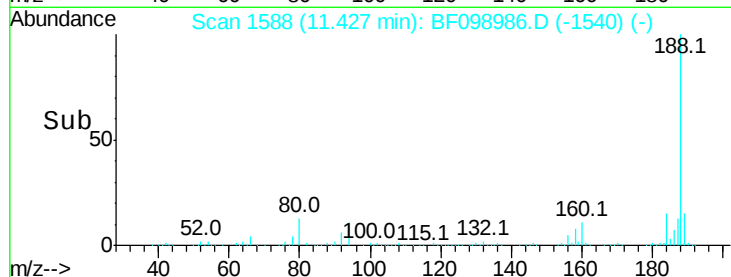
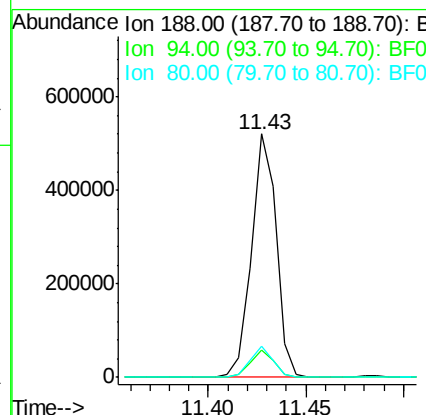
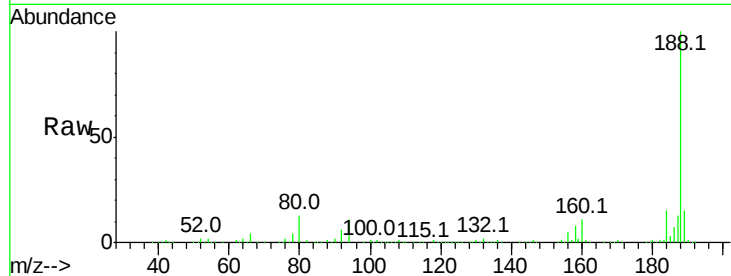
ClientSampleId :

PB102778BL

Tot Ion:	188	Resp:	457659
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.6	9.2	13.8

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#75

Chrysene-d12

Concen: 20.000 ng

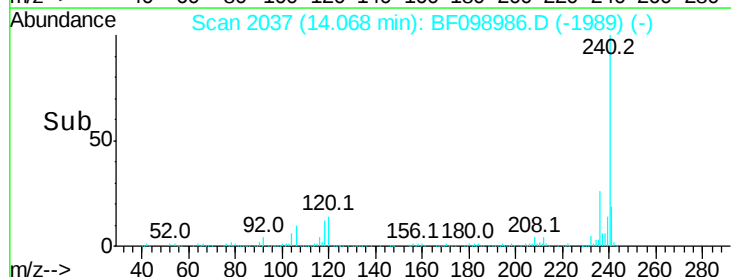
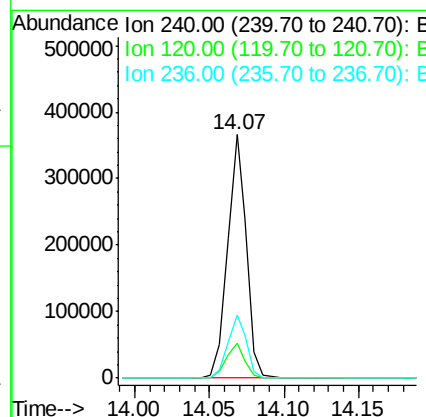
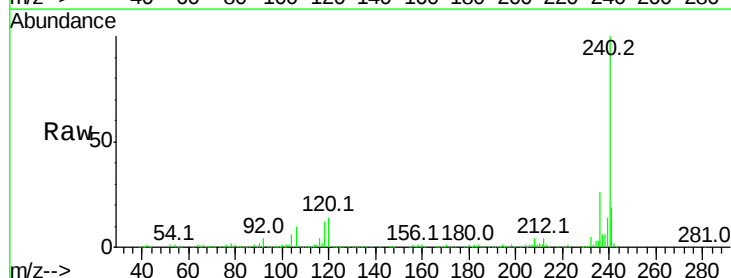
RT: 14.07 min Scan# 2037

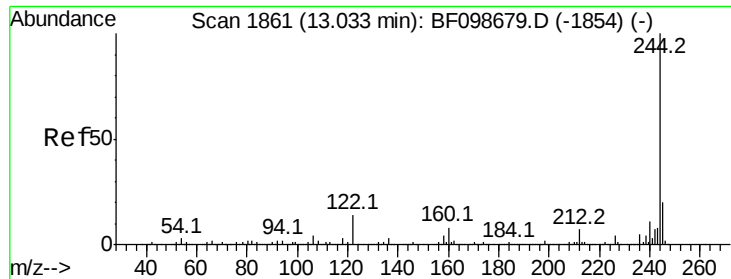
Delta R.T. -0.02 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Tgt Ion:	240	Resp:	324801
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	26.1	20.7	31.1





#78

Terphenyl-d14

Concen: 89.185 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Instrument :

BNA_F

ClientSampleId :

PB102778BL

Tot Ion:244 Resp: 1273732

Ion Ratio Lower Upper

244 100

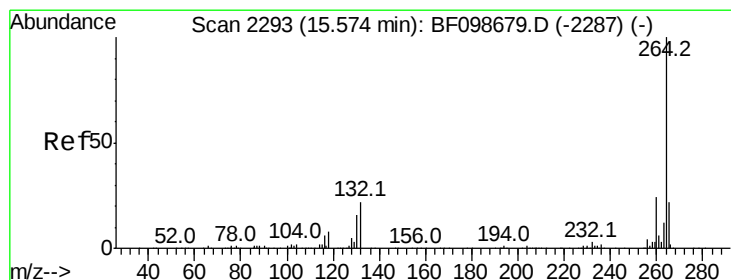
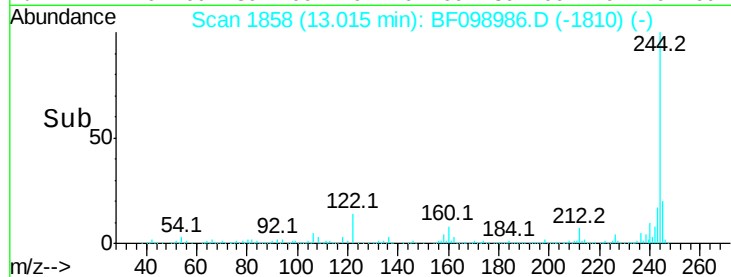
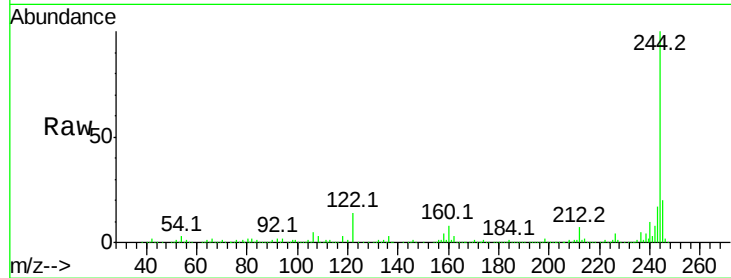
212 7.4 5.4 8.0

122 14.1 11.0 16.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BF098986.D

Acq: 1 Oct 2017 12:29

Tgt Ion:264 Resp: 233519

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 17.5 26.3

