

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101105.D
 Acq On : 4 Dec 2017 18:29
 Operator : SJ/JU
 Sample : I6697-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03A

Manual Integrations
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Quant Time: Dec 05 07:31:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52206	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	195563	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	81264	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	126965	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123002	20.00	ng	0.00
86) Perylene-d12	15.50	264	112331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	308187	97.55	ng	0.01
7) Phenol-d6	6.49	99	364027	94.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	205931	62.82	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	67989	69.65	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	328578	55.32	ng	0.00
78) Terphenyl-d14	12.96	244	249282	44.33	ng	0.00
Target Compounds						
10) Phenol	6.50	94	10964	2.57	ng	Qvalue 93
37) 2-Methylnaphthalene	8.85	142	39035	5.96	ng	95
49) Dimethylphthalate	9.60	163	40335	6.15	ng	# 86
51) Acenaphthene	9.93	154	16245	3.12	ng	# 63
57) Fluorene	10.45	166	30400	4.99	ng	# 85
70) Phenanthrene	11.40	178	55193m	7.89	ng	

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

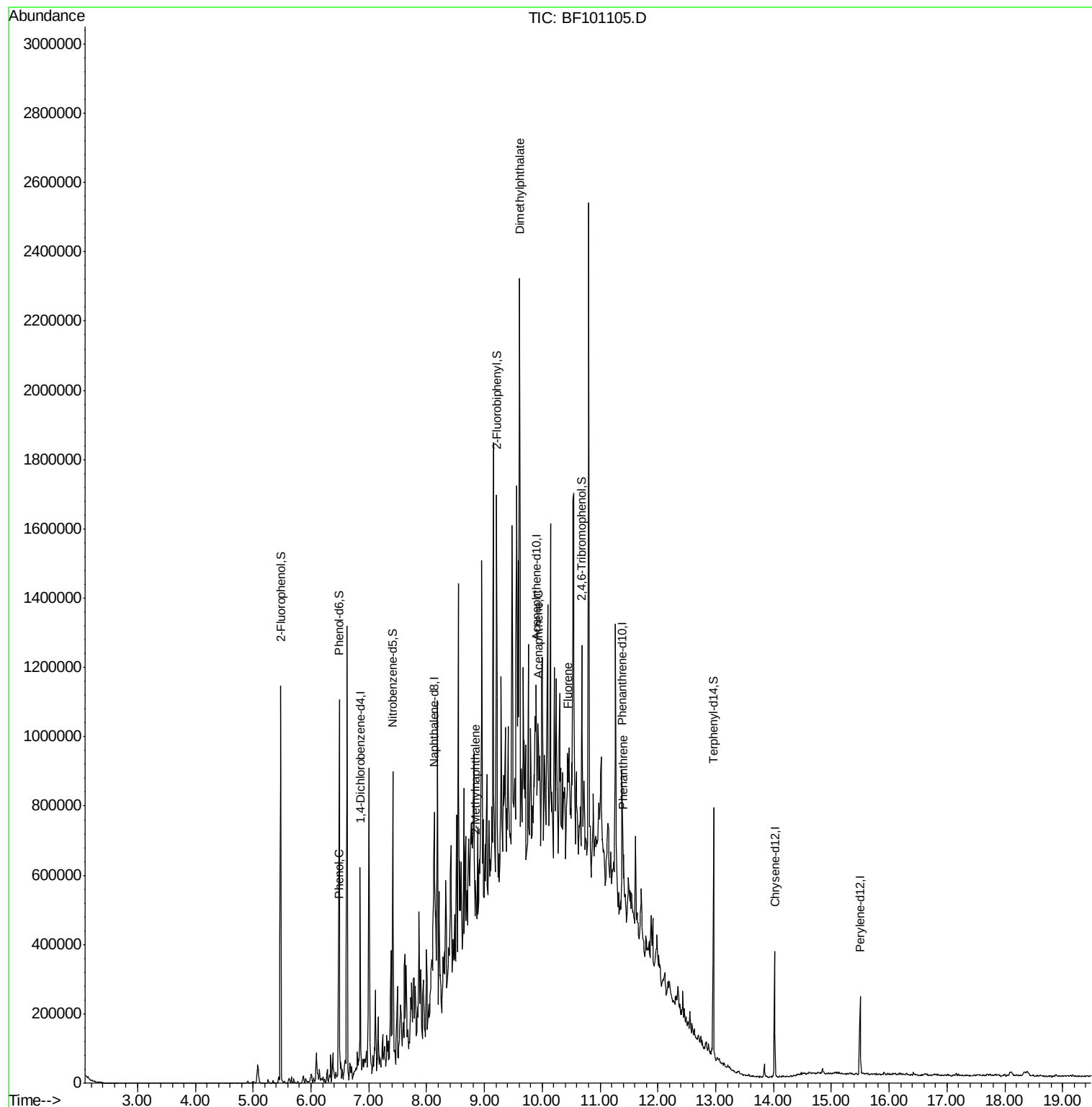
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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ALS Vial : 21 Sample Multiplier: 1

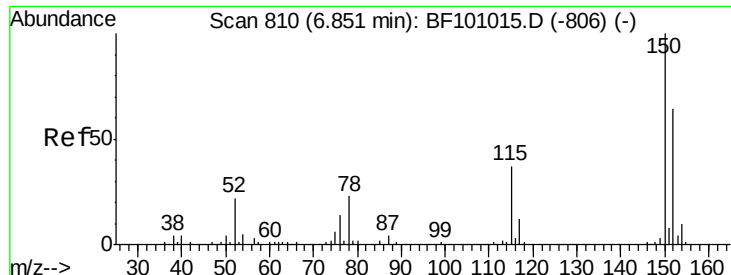
Instrument :
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TP-03A

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Response via : Initial Calibration





#1

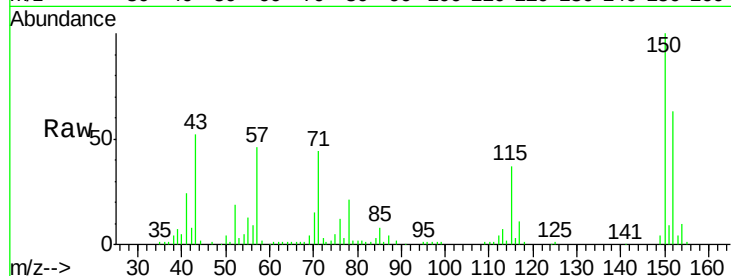
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Instrument :
BNA_F
ClientSampled :
TP-03A

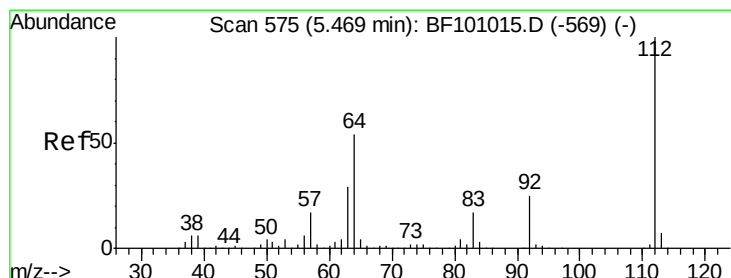
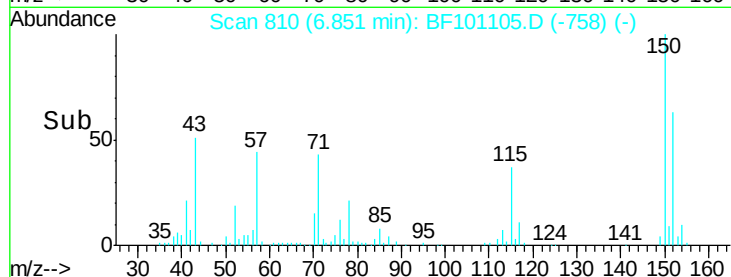
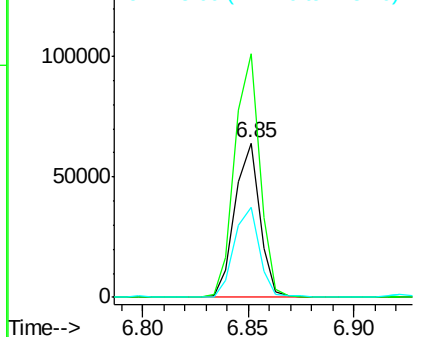
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	58.6	50.1	75.1

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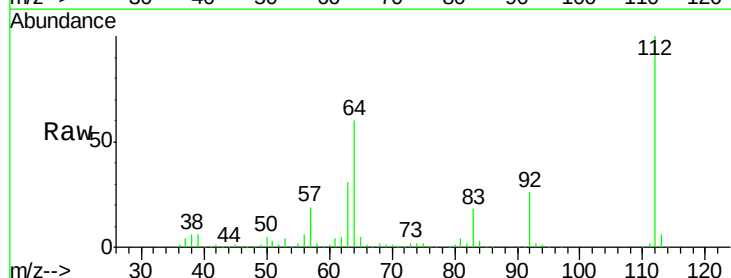
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



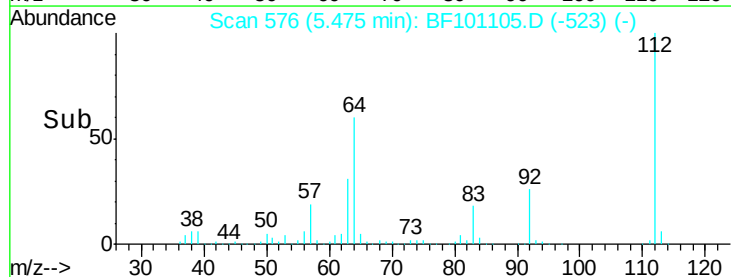
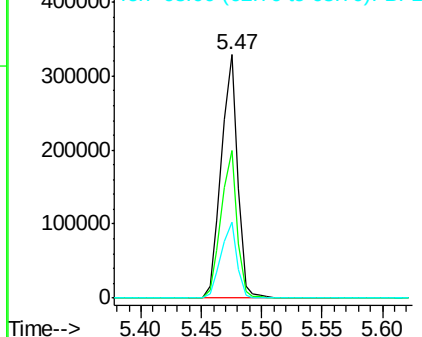
#5

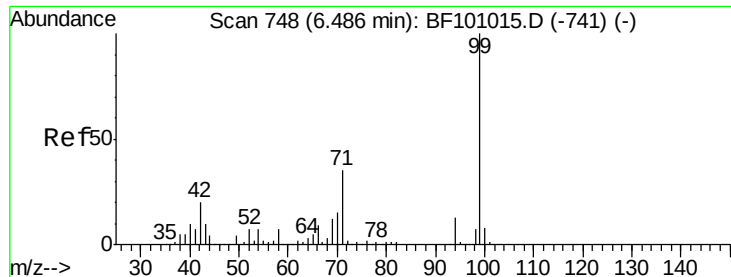
2-Fluorophenol
Concen: 97.55 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.1	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: 94.90 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Instrument :

BNA_F

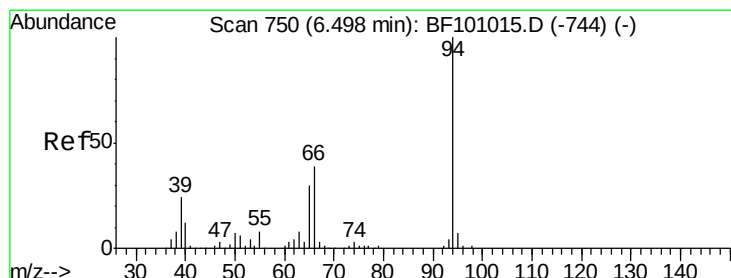
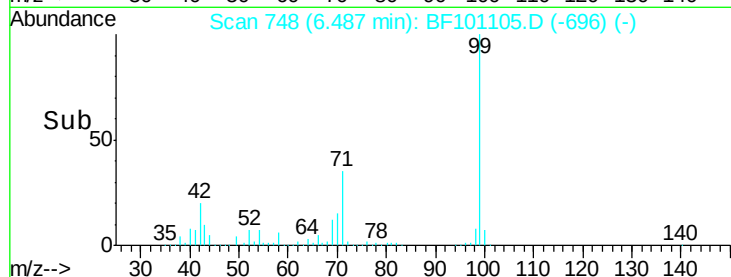
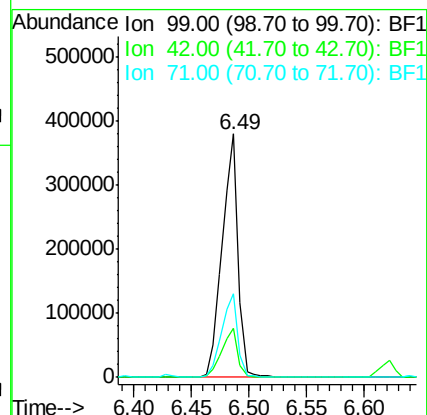
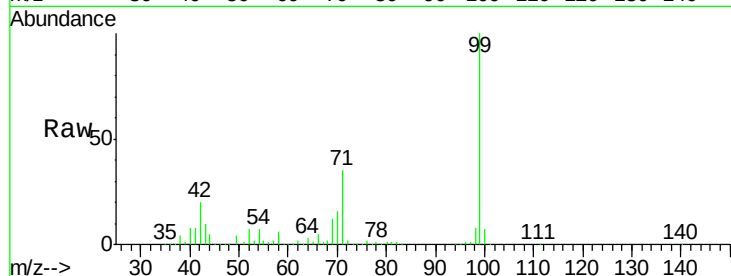
ClientSampled :

TP-03A

Tot Ion:	99	Resp:	364027
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	34.6	25.4	38.0

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#10

Phenol

Concen: 2.57 ng

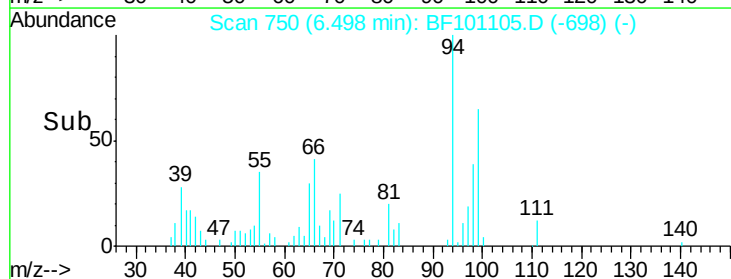
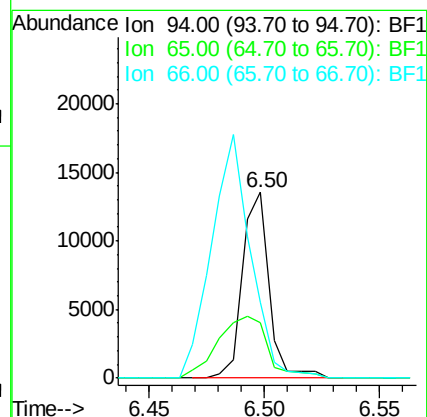
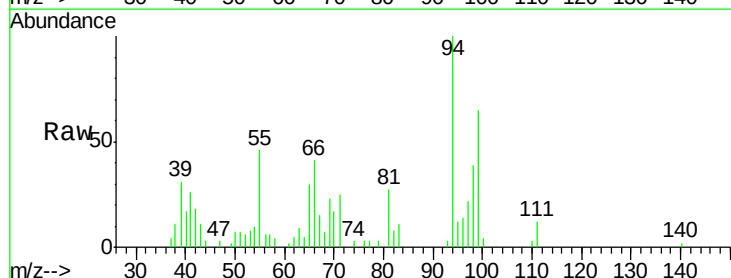
RT: 6.50 min Scan# 750

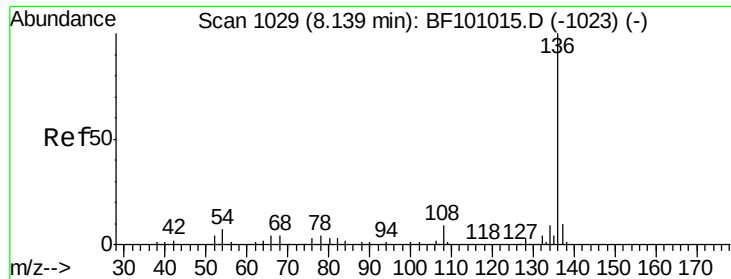
Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Tgt Ion:	94	Resp:	10964
Ion Ratio	Lower	Upper	
94	100		
65	30.0	7.9	47.9
66	41.2	16.2	56.2





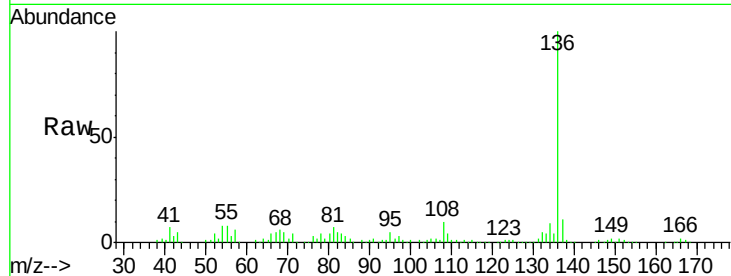
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Instrument :
BNA_F
ClientSampleId :
TP-03A

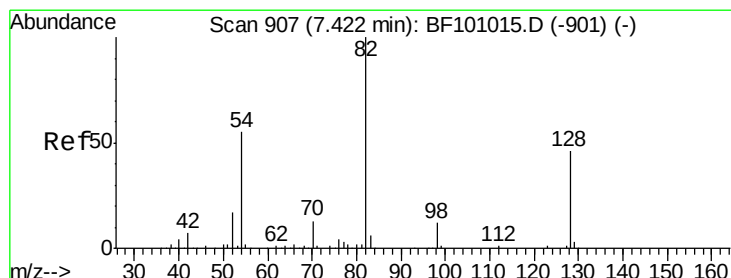
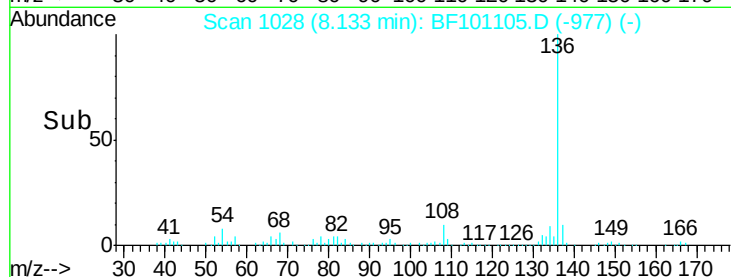
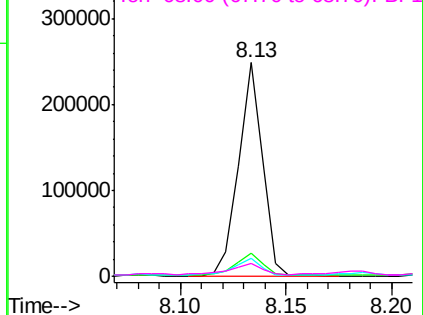
Tot Ion	Ratio	Resp	Lower	Upper
136	100	195563		
137	10.8	8.9	13.3	
54	8.2	6.6	9.8	
68	6.2	5.0	7.4	

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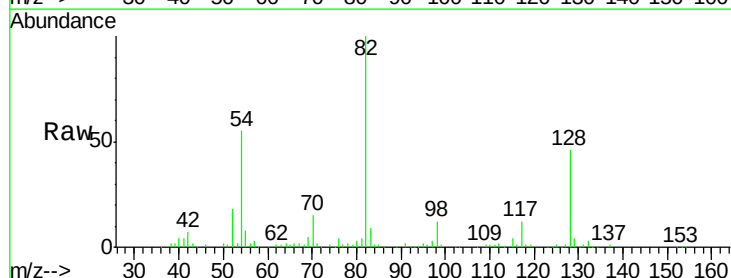


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

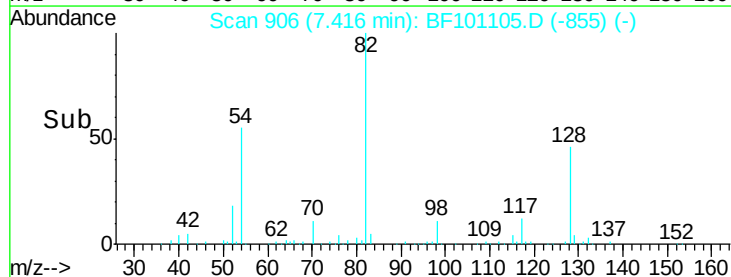
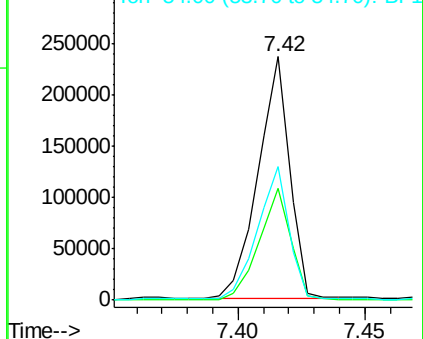


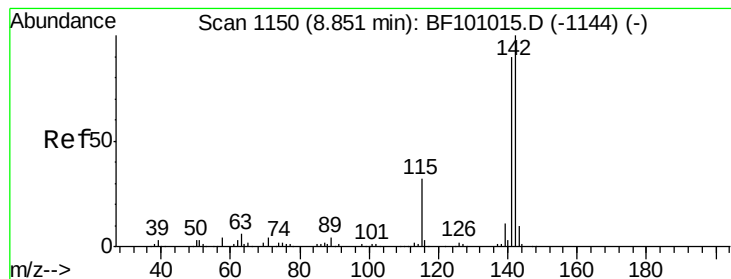
#23
Nitrobenzene-d5
Concen: 62.82 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	205931		
128	46.0	36.1	54.1	
54	55.0	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





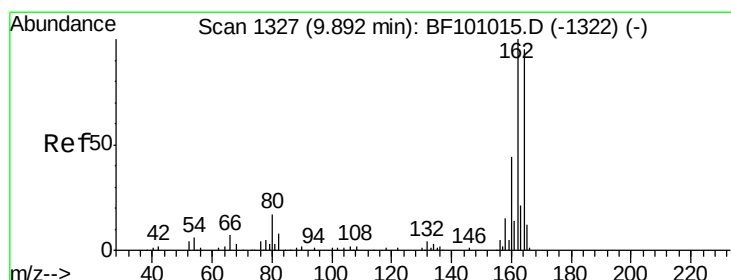
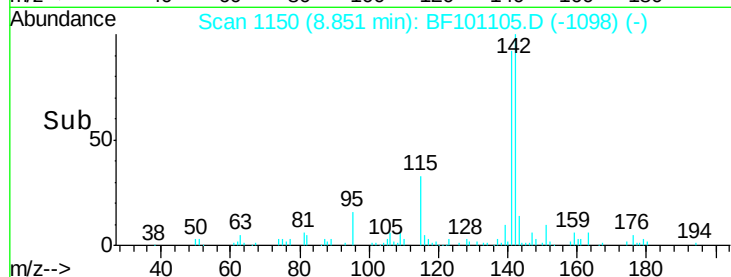
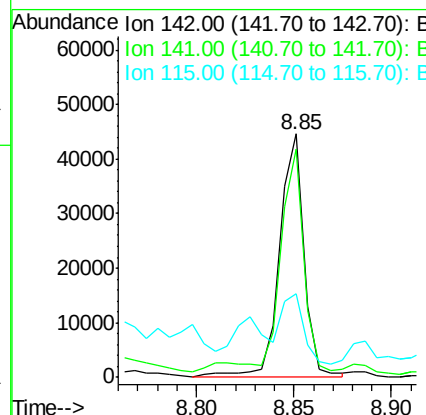
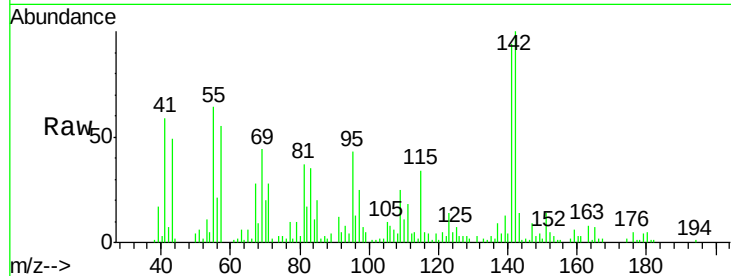
#37
2-Methylnaphthalene
Concen: 5.96 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Instrument :
BNA_F
ClientSampled :
TP-03A

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.8	106.2
115	34.3	26.1	39.1

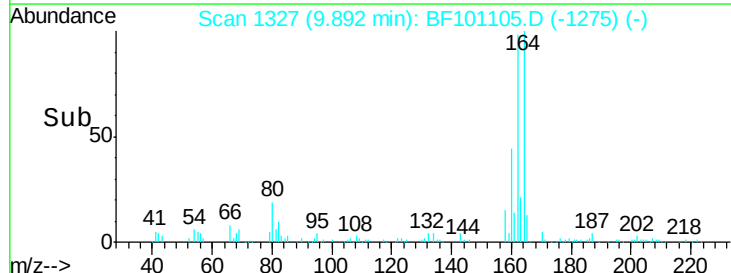
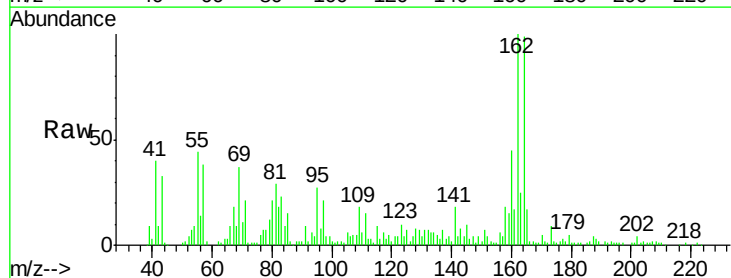
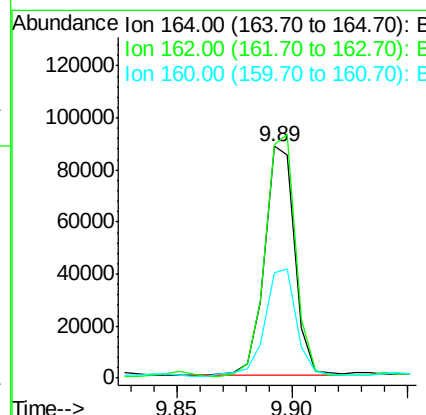
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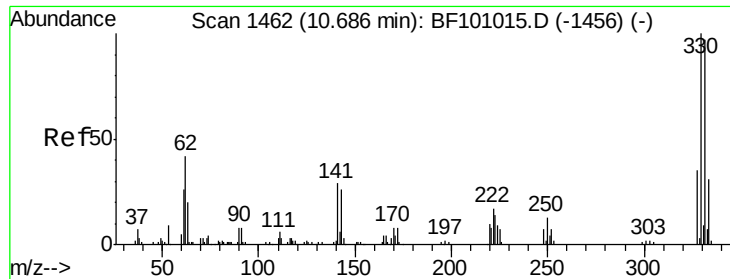
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101105.D
Acq: 4 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.7	38.3	57.5





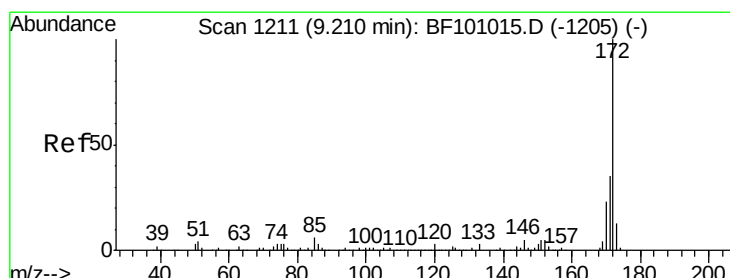
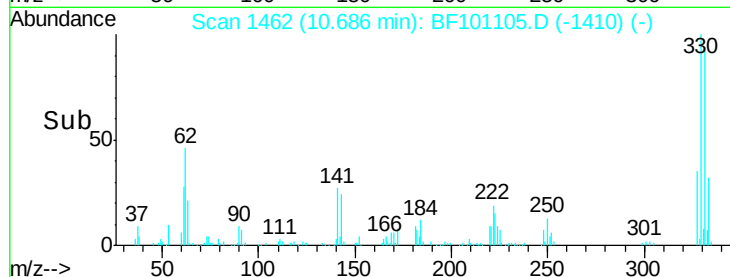
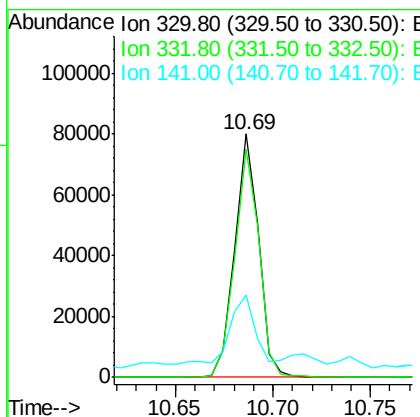
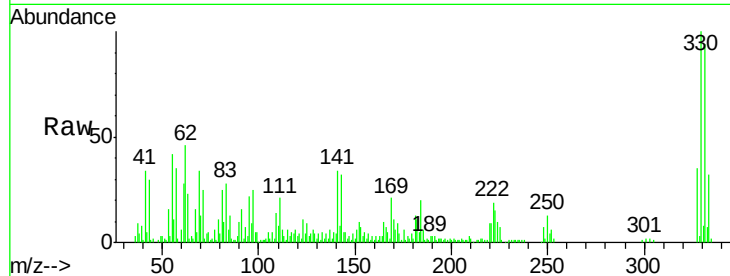
#41
 2,4,6-Tribromophenol
 Concen: 69.65 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101105.D
 Acq: 4 Dec 2017 18:29

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	67989		
332	95.3		77.0	115.6
141	31.1		29.9	44.9

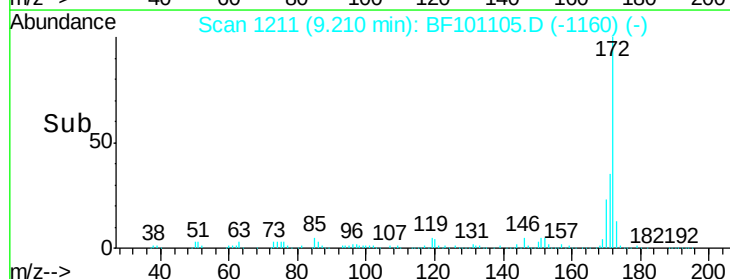
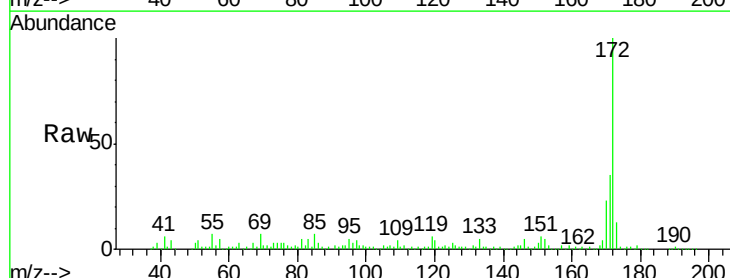
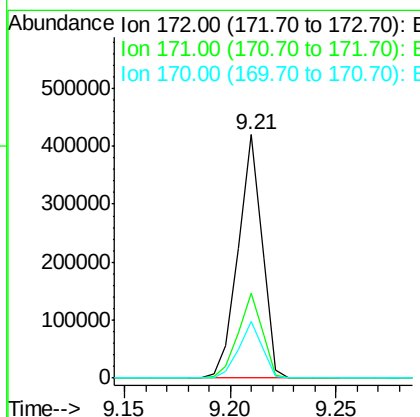
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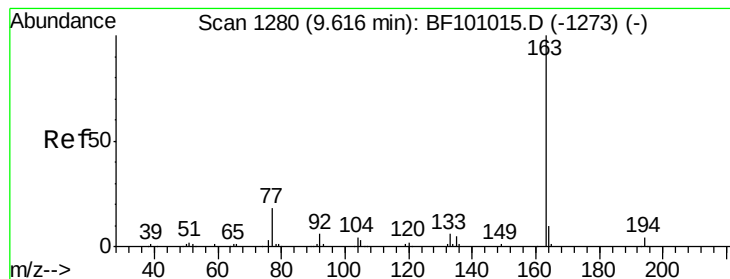
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#44
 2-Fluorobiphenyl
 Concen: 55.32 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101105.D
 Acq: 4 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	328578		
171	35.1		29.7	44.5
170	23.1		19.6	29.4





#49

Dimethylphthalate

Concen: 6.15 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Instrument :

BNA_F

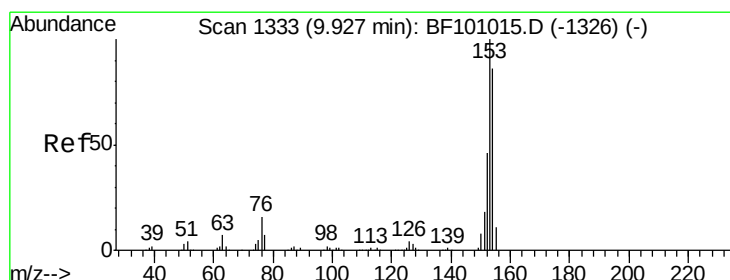
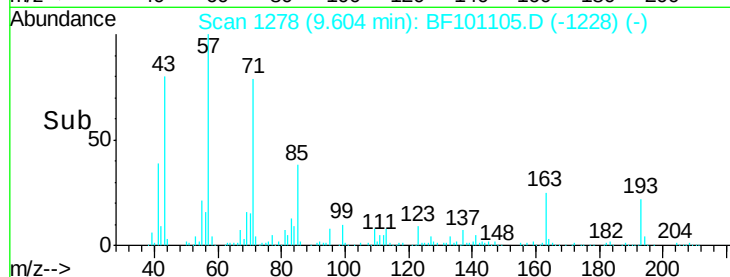
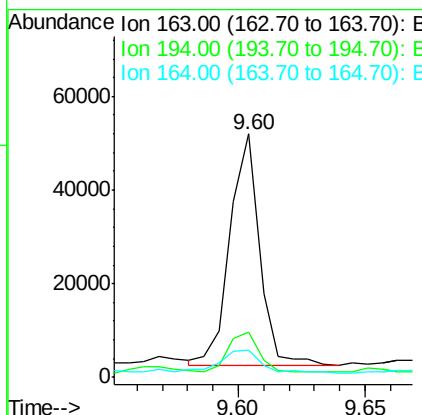
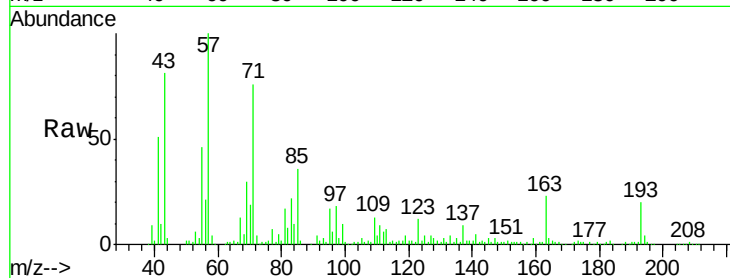
ClientSampled :

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Tot Ion:	163	Resp:	40335
Ion Ratio	Lower	Upper	
163	100		
194	18.6	2.7	4.1#
164	11.4	8.2	12.2

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#51

Acenaphthene

Concen: 3.12 ng

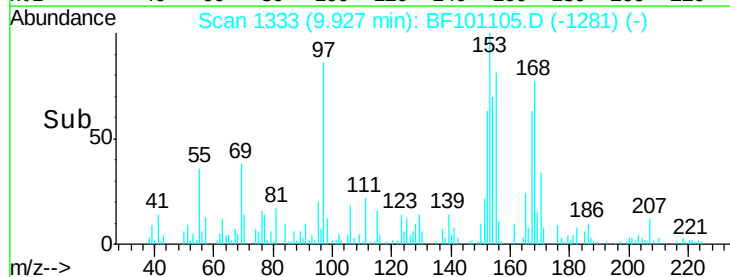
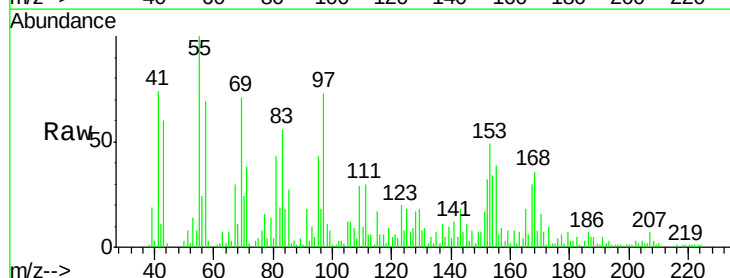
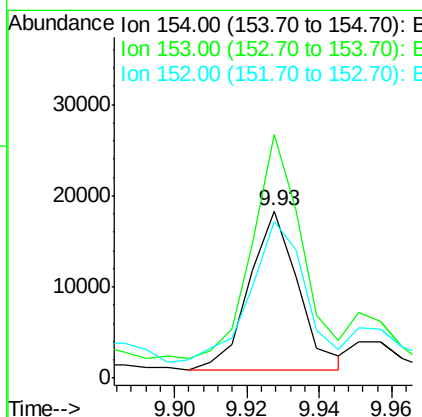
RT: 9.93 min Scan# 1333

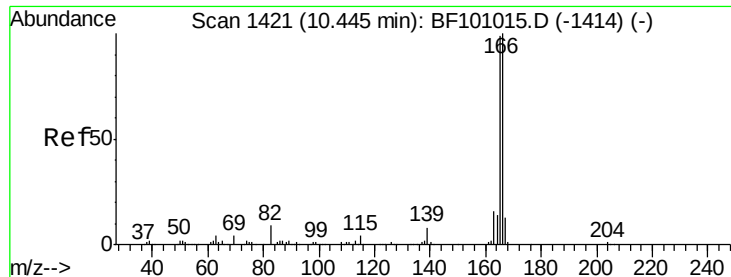
Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Tgt Ion:	154	Resp:	16245
Ion Ratio	Lower	Upper	
154	100		
153	145.5	91.2	136.8#
152	93.9	43.8	65.8#





#57

Fluorene

Concen: 4.99 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Instrument :

BNA_F

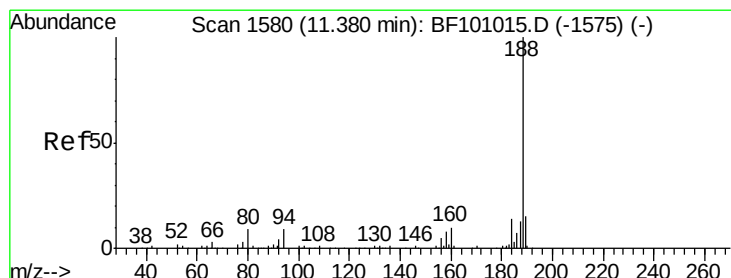
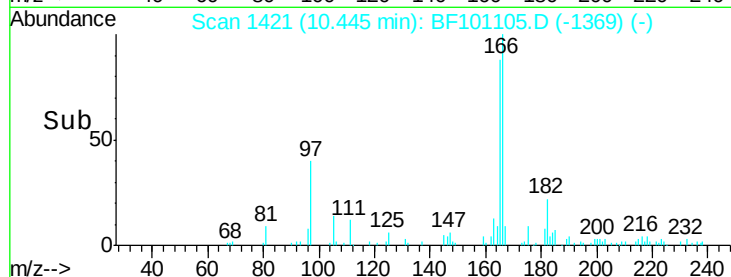
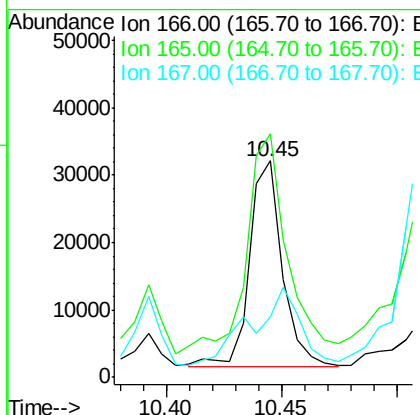
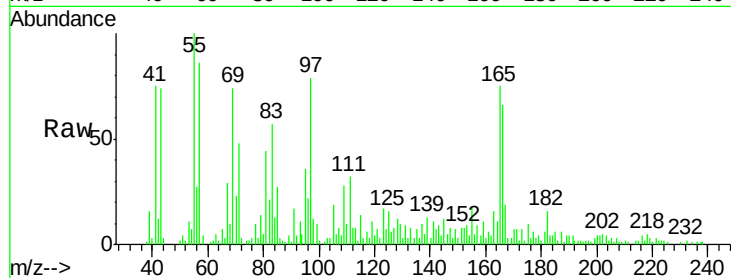
ClientSampled :

TP-03A

Tot Ion:	166	Resp:	30400
Ion Ratio	Lower	Upper	
166	100		
165	112.4	79.8	119.8
167	28.0	10.6	16.0#

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#63

Phenanthrene-d10

Concen: 20.00 ng

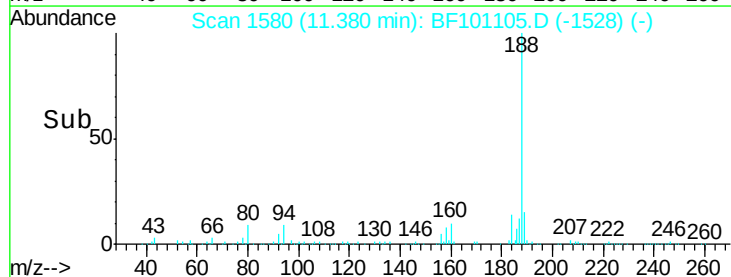
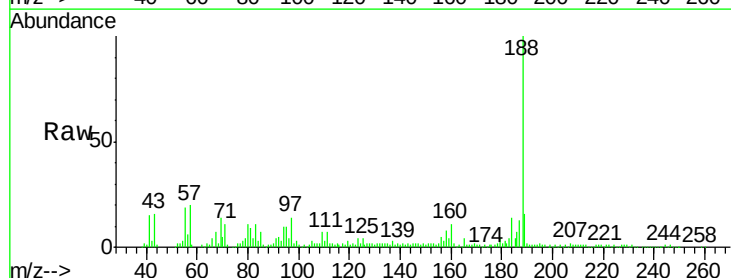
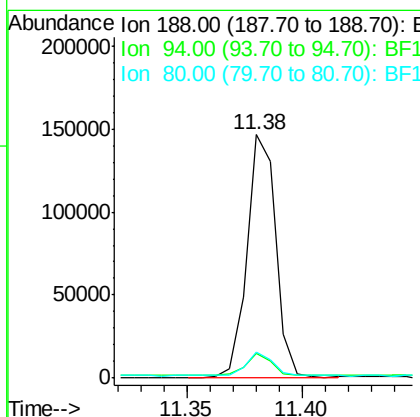
RT: 11.38 min Scan# 1580

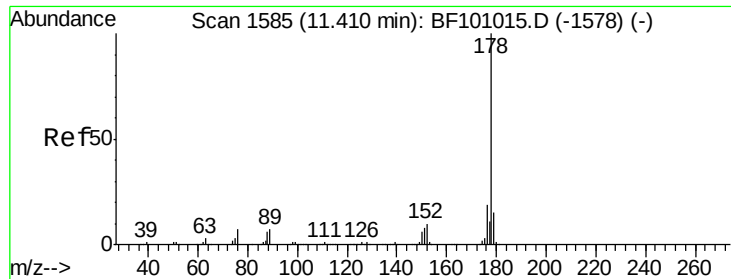
Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Tgt Ion:	188	Resp:	126965
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8





#70

Phenanthrene

Concen: 7.89 ng/mL

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Instrument :

BNA_F

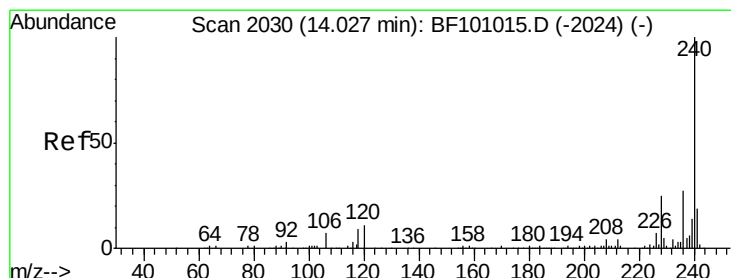
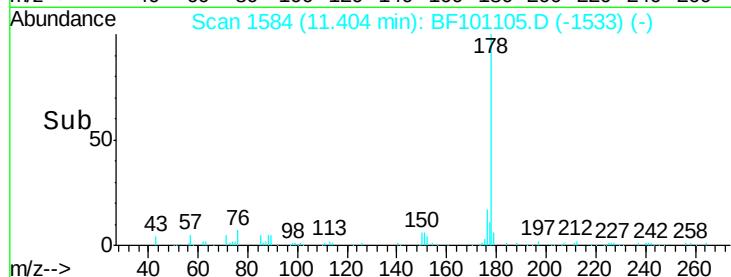
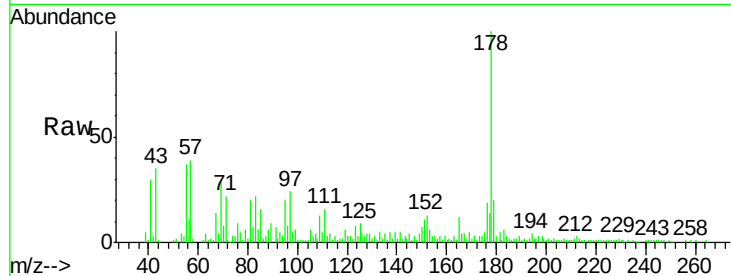
ClientSampled :

TP-03A

Tot Ion:	178	Resp:	55193
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	19.7	13.0	19.6

Manual Integrations
APPROVED

Sohil
12/5/2017 3:24:38 PM



#75

Chrysene-d12

Concen: 20.00 ng/mL

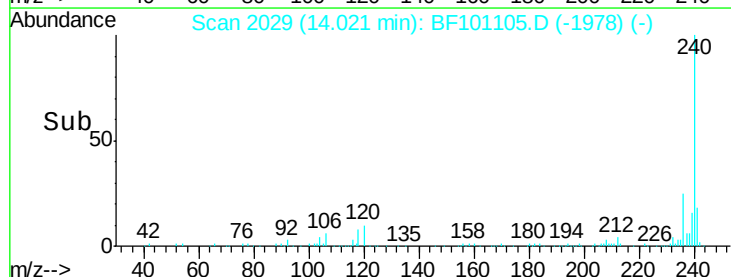
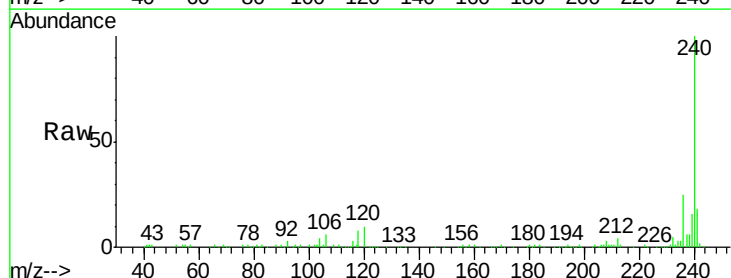
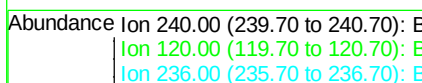
RT: 14.02 min Scan# 2029

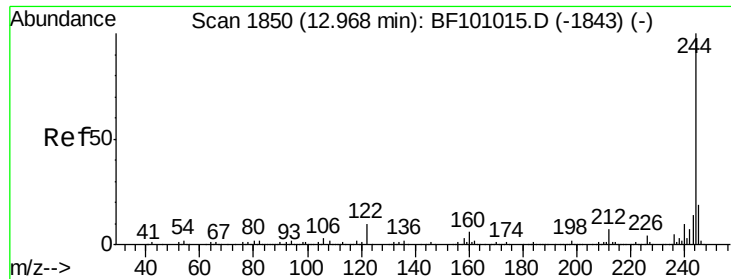
Delta R.T. 0.00 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Tgt Ion:	240	Resp:	123002
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 44.33 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Instrument :

BNA_F

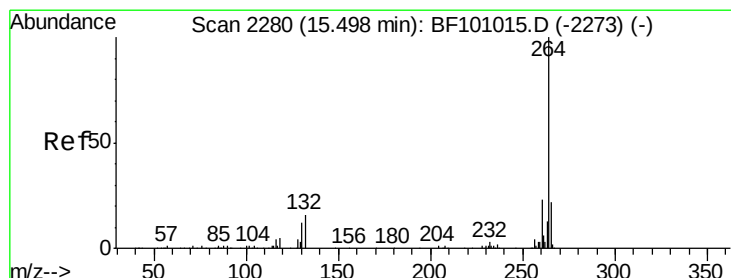
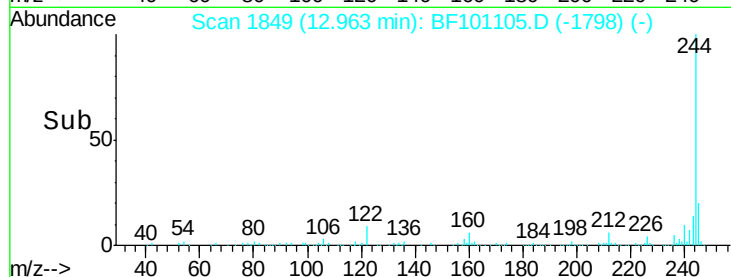
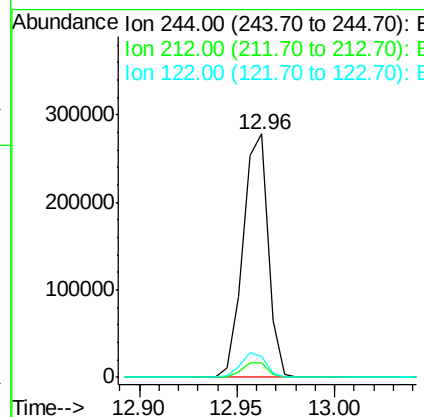
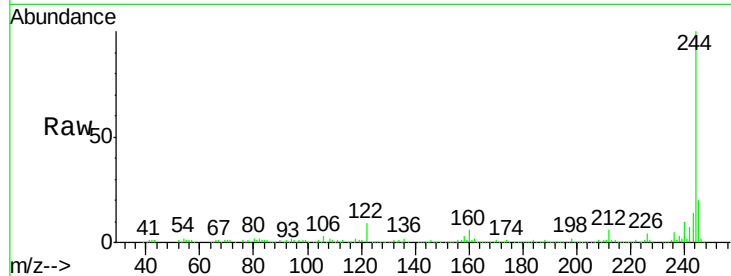
ClientSampled :

TP-03A

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.8	11.0	16.4

Manual Integrations
APPROVED

Sohil
12/5/2017 3:24:38 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101105.D

Acq: 4 Dec 2017 18:29

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

