

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086188.D
 Acq On : 9 Apr 2016 00:37
 Operator : UM/SJ
 Sample : H2334-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-13-04062016

Manual Integrations
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Quant Time: Apr 09 05:36:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	122879	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	206762	20.00	ng	-0.03
38) Acenaphthene-d10	9.79	164	172208	20.00	ng	-0.02
63) Phenanthrene-d10	11.26	188	273306	20.00	ng	-0.03
75) Chrysene-d12	13.88	240	228588	20.00	ng	-0.05
86) Perylene-d12	15.28	264	222240	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	356698	49.62	ng	-0.05
7) Phenol-d6	6.38	99	358281	39.24	ng	-0.03
23) Nitrobenzene-d5	7.31	82	554596	158.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	134971	83.50	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	904546	87.33	ng	-0.03
78) Terphenyl-d14	12.84	244	720076	74.05	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.05	128	1237481	118.99	ng	# 95
37) 2-Methylnaphthalene	8.75	142	777913	114.50	ng	97
45) 1,1'-Biphenyl	9.21	154	118630	7.99	ng	95
49) Dimethylphthalate	9.50	163	55832	4.37	ng	# 64
70) Phenanthrene	11.30	178	95668m	6.42	ng	
74) Fluoranthene	12.48	202	36657	2.36	ng	88
77) Pyrene	12.69	202	79735	4.95	ng	# 92

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

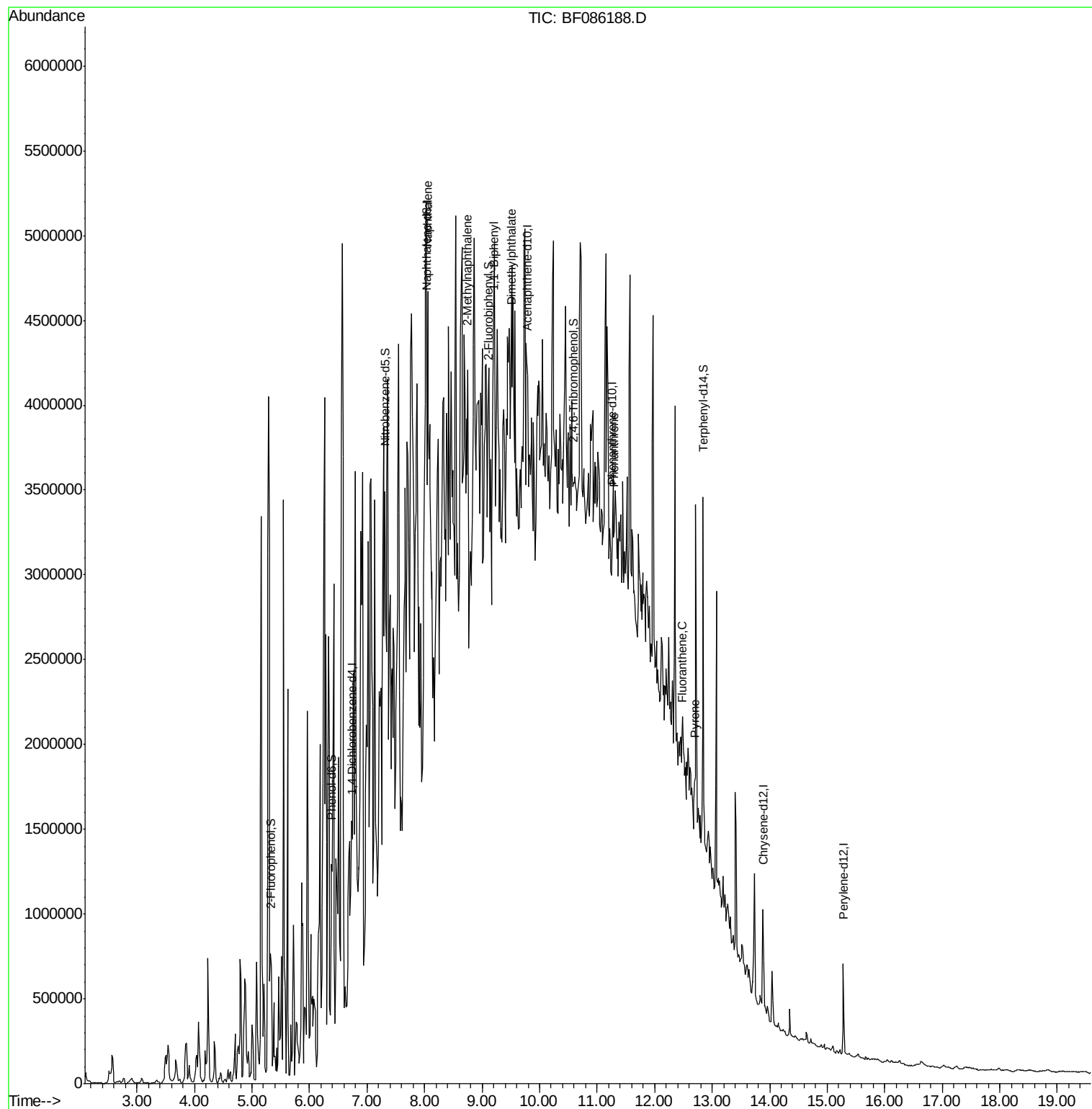
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086188.D
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Sample : H2334-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

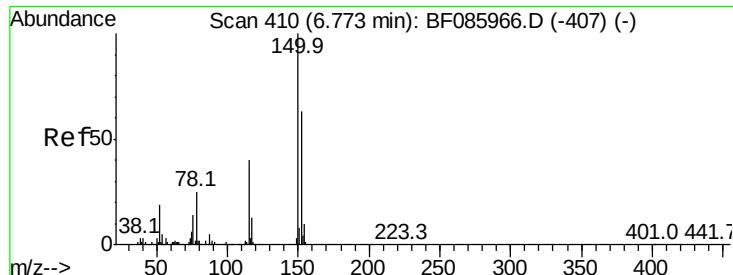
Instrument :
BNA_F
ClientSampleId :
TW-13-04062016

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Quant Time: Apr 09 05:36:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

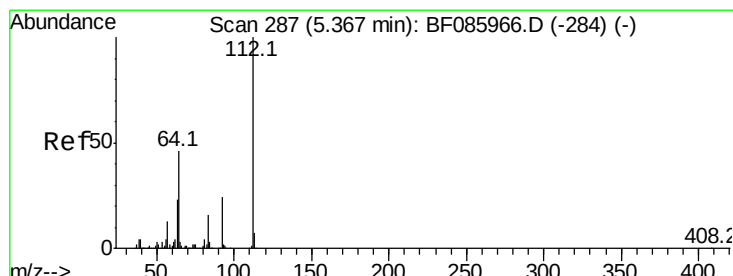
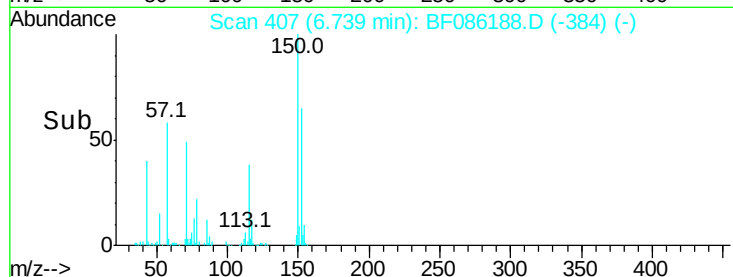
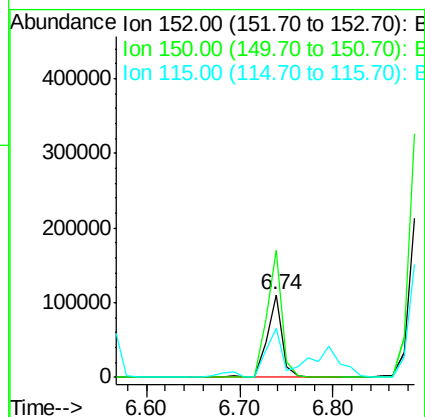
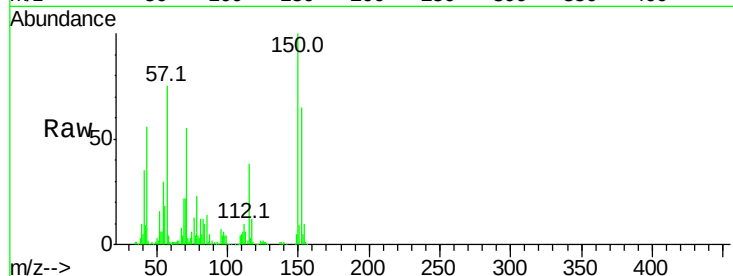
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	59.2	47.0	70.6

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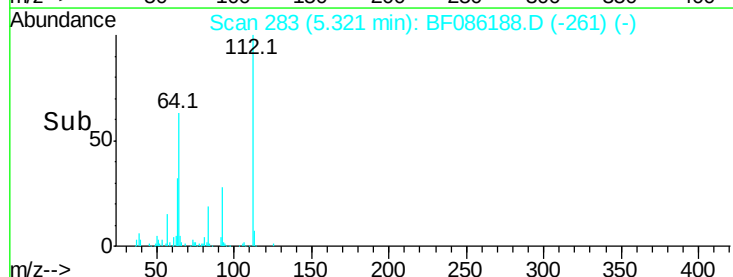
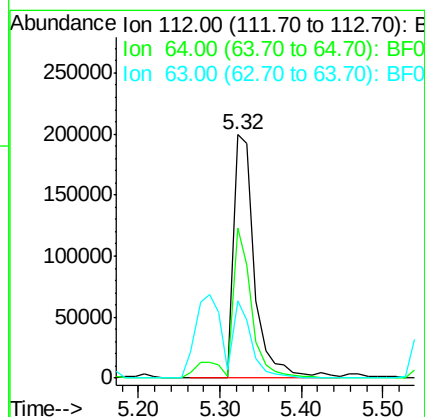
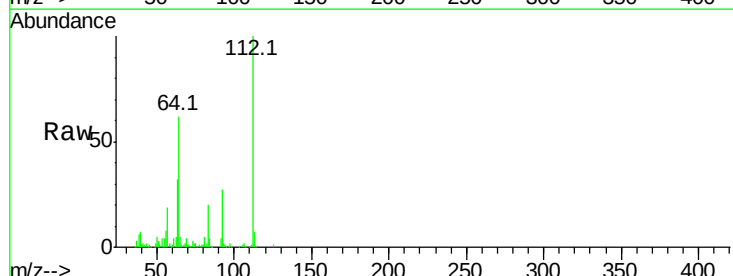
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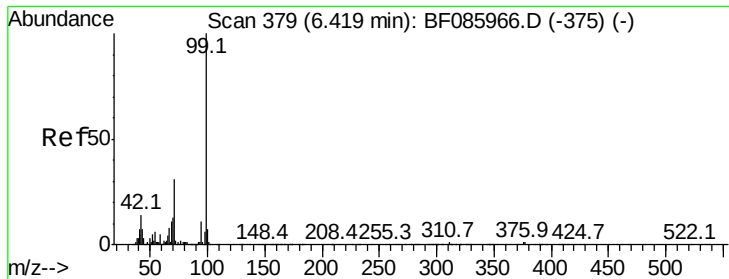


#5

2-Fluorophenol
Concen: 49.62 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	39.9	59.9#
63	31.6	20.2	30.2#





#7

Phenol-d6

Concen: 39.24 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Instrument :

BNA_F

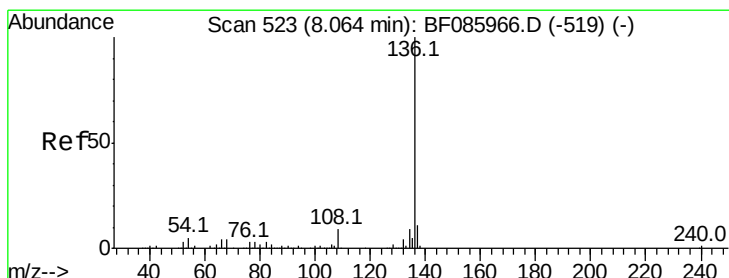
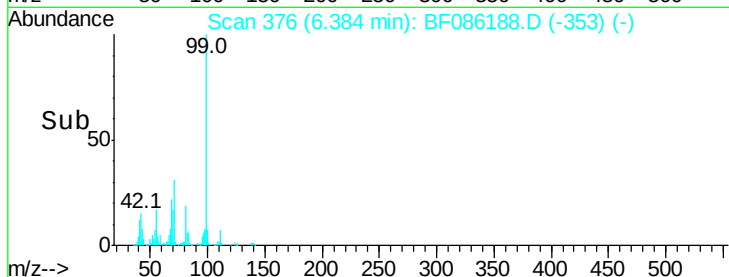
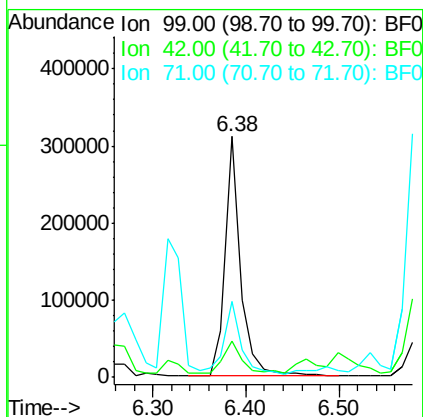
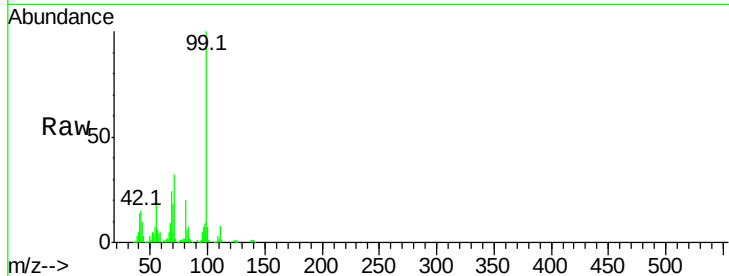
ClientSampleId :

TW-13-04062016

Tot Ion:	99	Resp:	358281
Ion Ratio	Lower	Upper	
99	100		
42	15.3	11.1	16.7
71	31.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

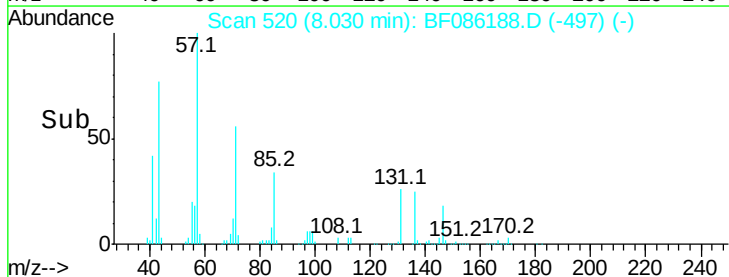
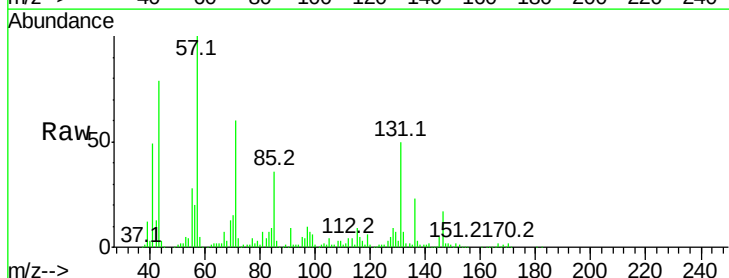
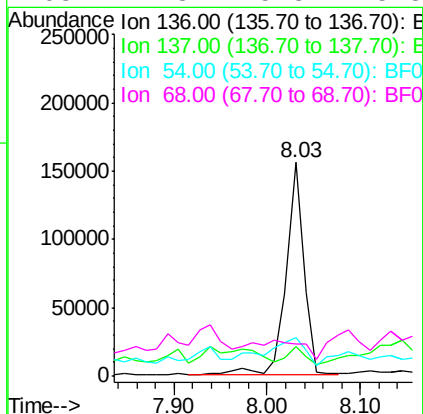
RT: 8.03 min Scan# 520

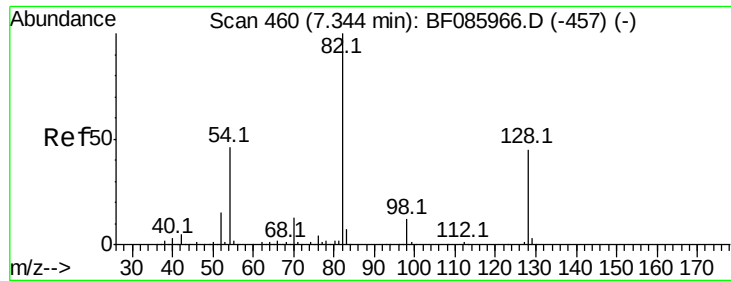
Delta R.T. -0.03 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Tgt Ion:	136	Resp:	206762
Ion Ratio	Lower	Upper	
136	100		
137	14.0	9.1	13.7#
54	18.0	7.4	11.0#
68	14.8	5.8	8.8#





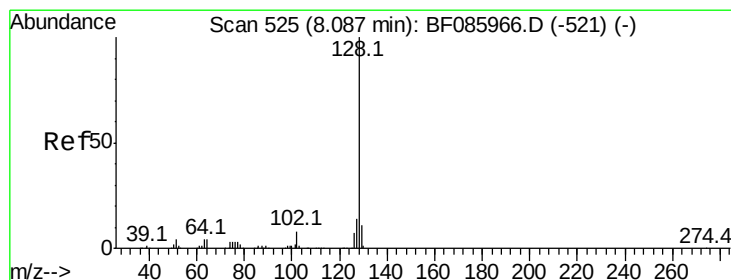
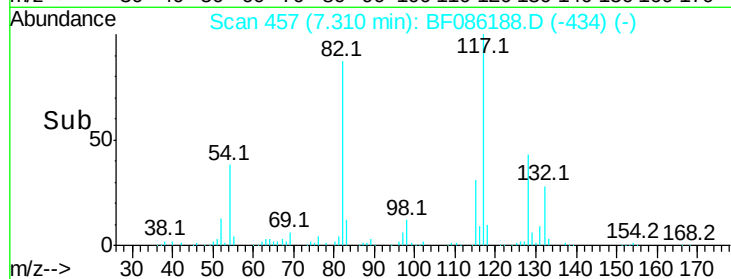
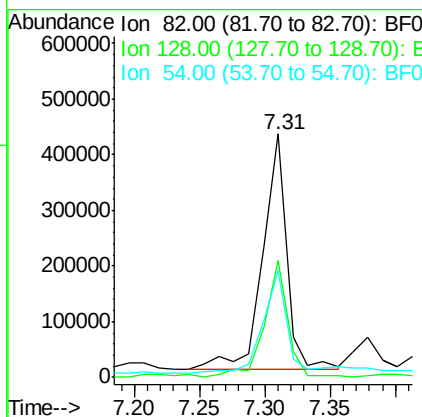
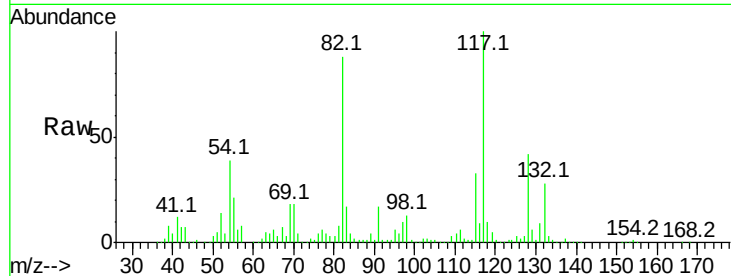
#23
 Nitrobenzene-d5
 Concen: 158.18 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086188.D
 Acq: 9 Apr 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TW-13-04062016

Tot Ion	82	Resp	554596
Ion Ratio	100	Lower	Upper
128	47.9	41.8	62.8
54	43.8	33.4	50.0

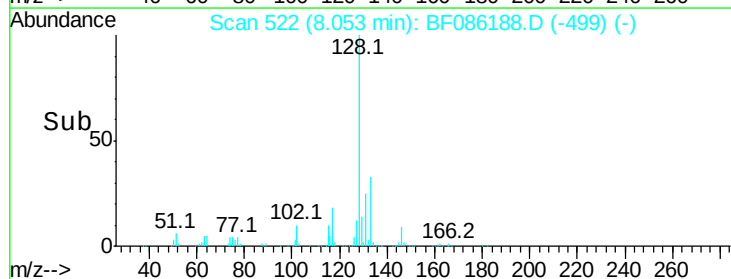
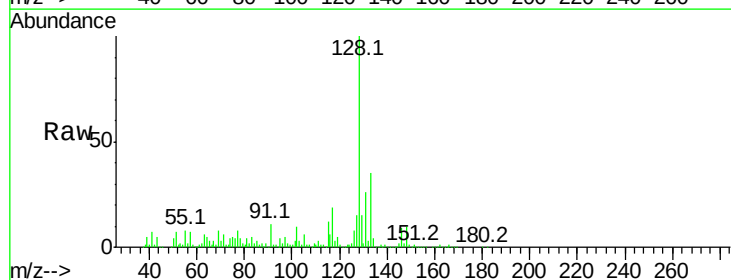
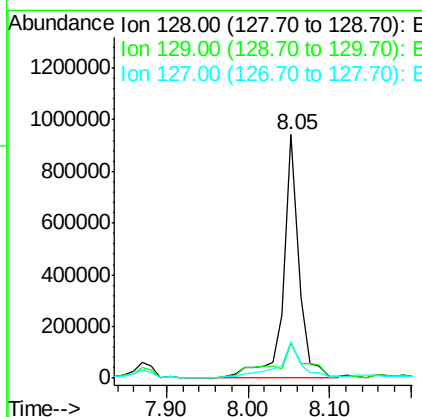
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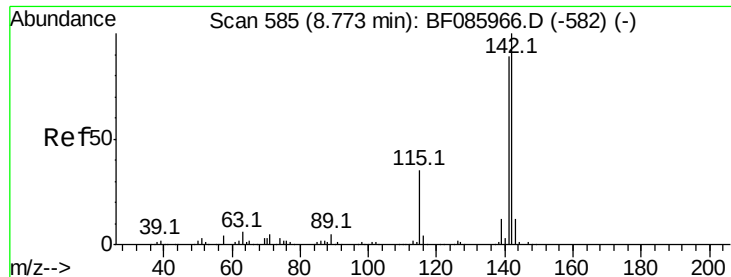
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#31
 Naphthalene
 Concen: 118.99 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF086188.D
 Acq: 9 Apr 2016 00:37

Tgt Ion	128	Resp	1237481
Ion Ratio	100	Lower	Upper
129	14.6	9.4	14.0#
127	15.0	11.0	16.6





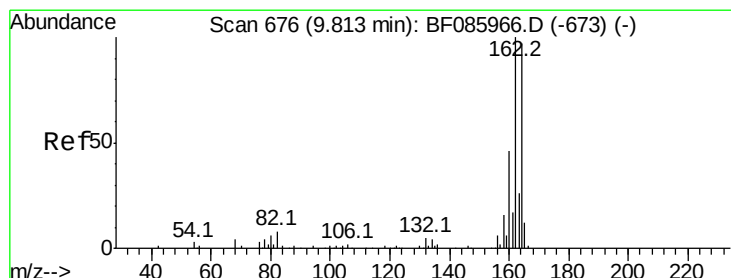
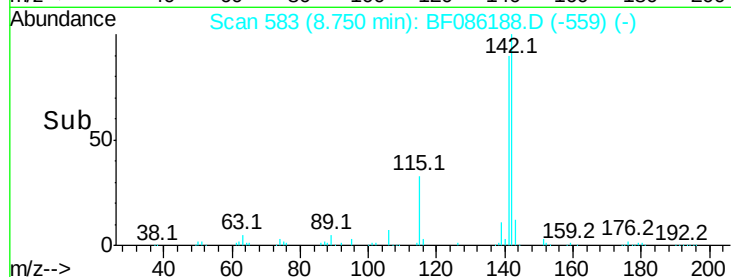
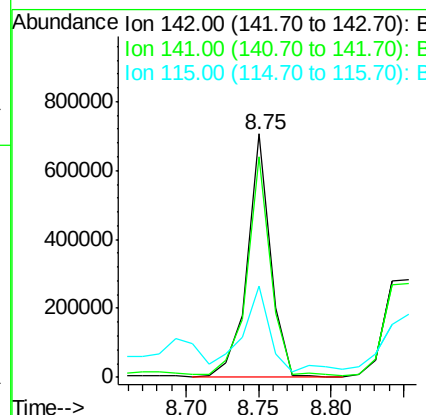
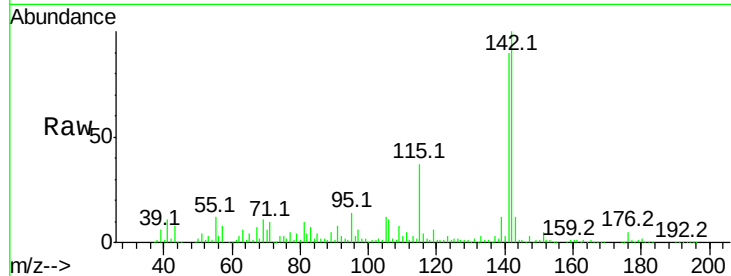
#37
2-Methylnaphthalene
Concen: 114.50 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Instrument :
BNA_F
ClientSampleId :
TW-13-04062016

Tot Ion:	142	Resp:	777913
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.6	107.4
115	37.4	26.8	40.2

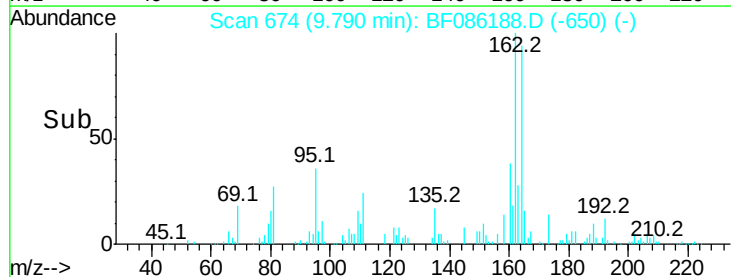
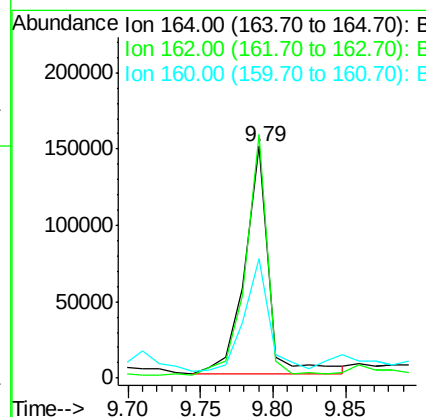
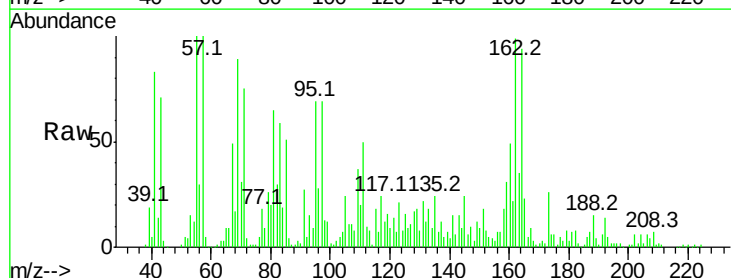
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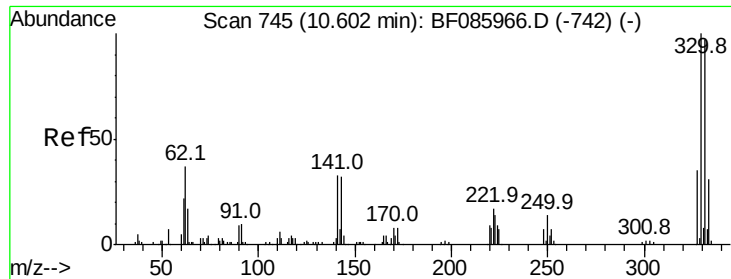
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Tgt Ion:	164	Resp:	172208
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.1	123.1
160	51.7	37.4	56.2





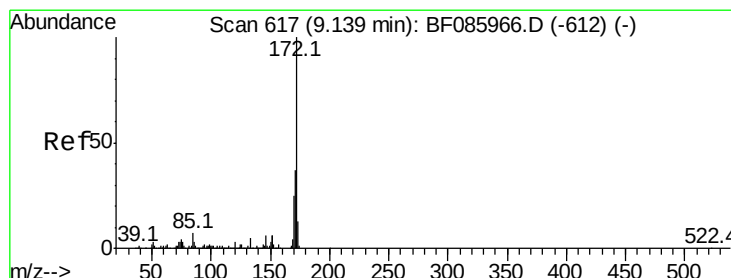
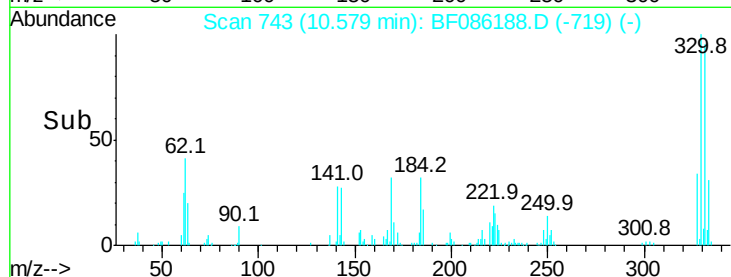
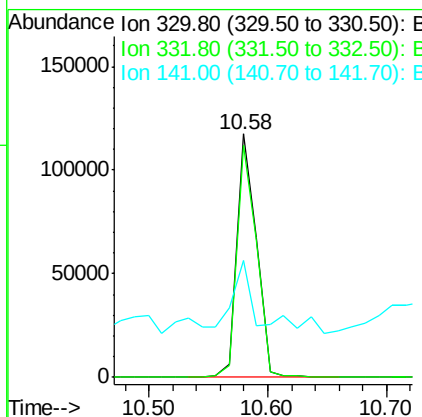
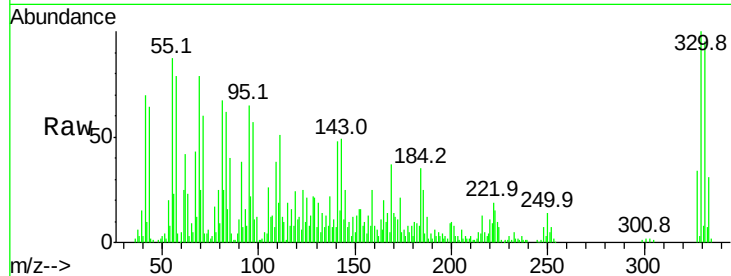
#41
 2,4,6-Tribromophenol
 Concen: 83.50 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086188.D
 Acq: 9 Apr 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	78.2	117.2	
141	26.1	31.5	47.3	

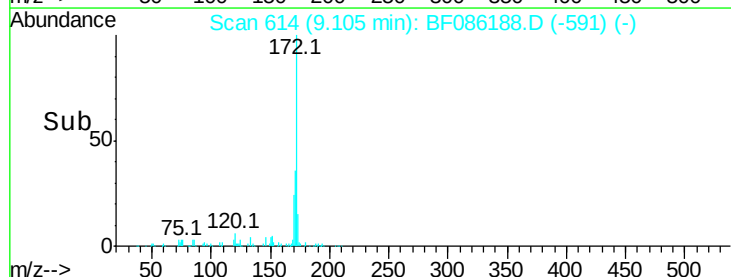
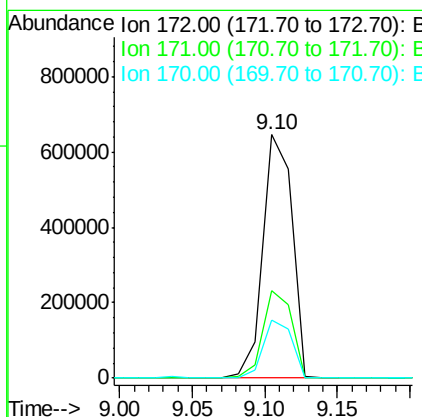
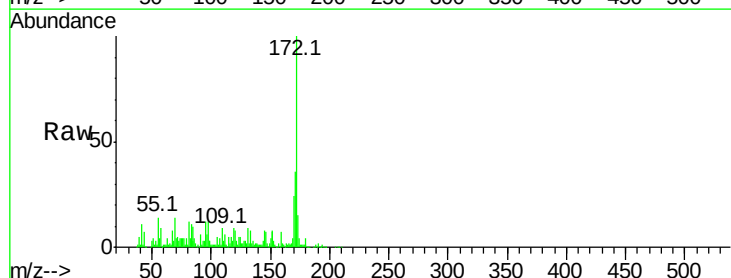
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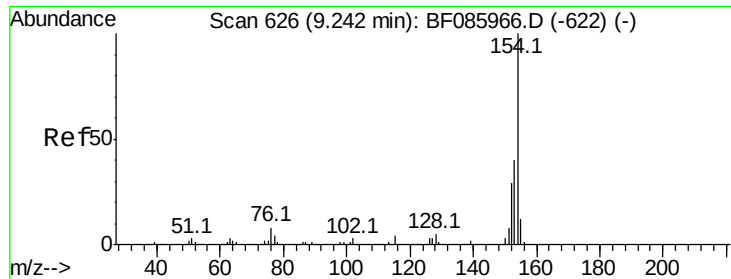
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#44
 2-Fluorobiphenyl
 Concen: 87.33 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086188.D
 Acq: 9 Apr 2016 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.4	44.2	
170	23.7	19.8	29.6	





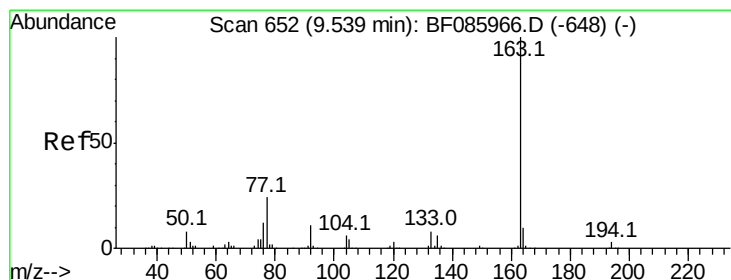
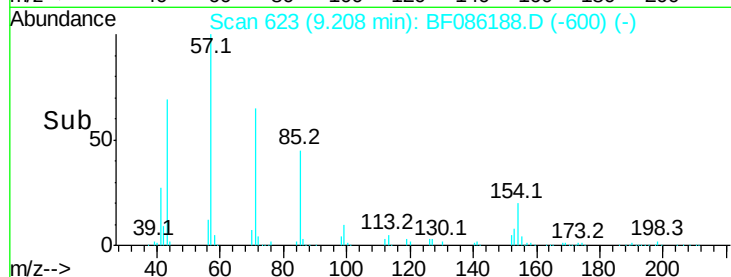
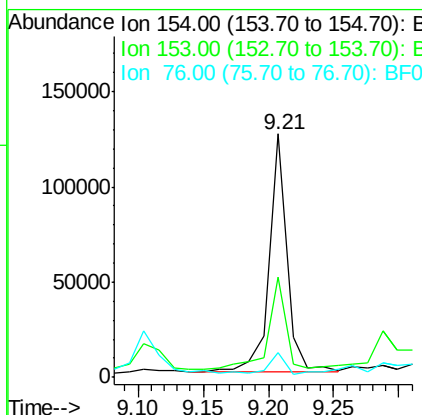
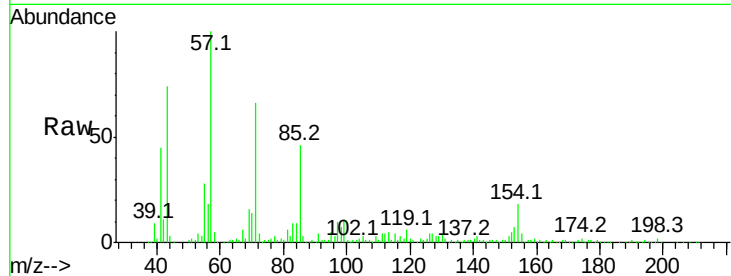
#45
1,1'-Biphenyl
Concen: 7.99 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Instrument :
BNA_F
ClientSampleId :
TW-13-04062016

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	20.8	60.8	
76	10.0	0.0	36.7	

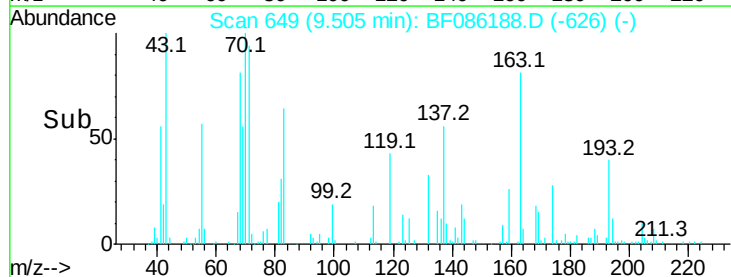
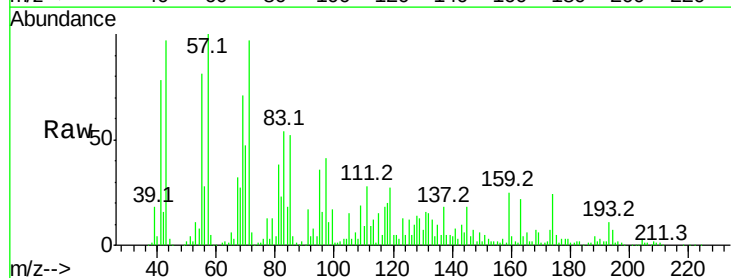
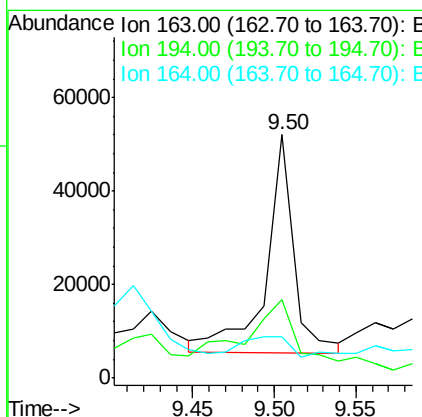
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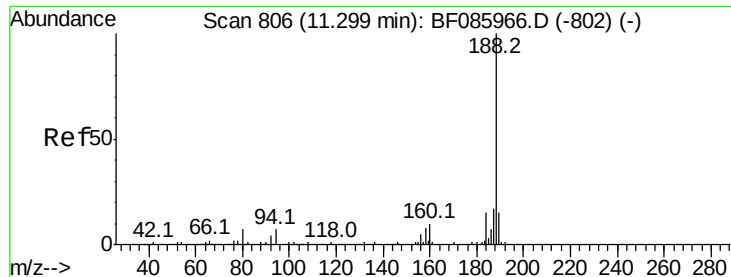
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#49
Dimethylphthalate
Concen: 4.37 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	32.2	2.9	4.3#	
164	17.2	8.3	12.5#	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Instrument :

BNA_F

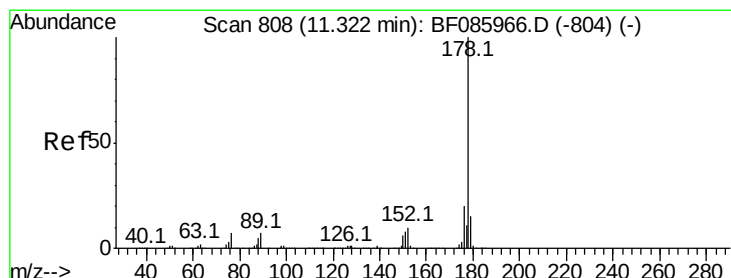
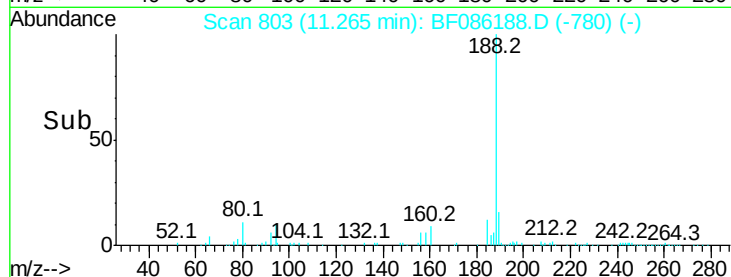
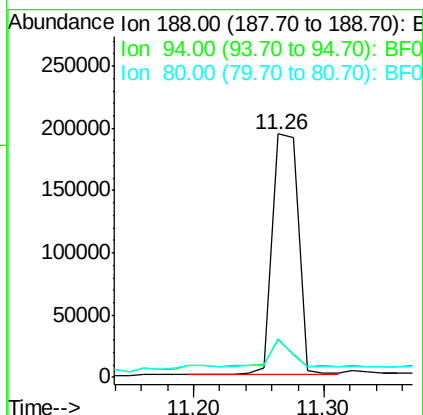
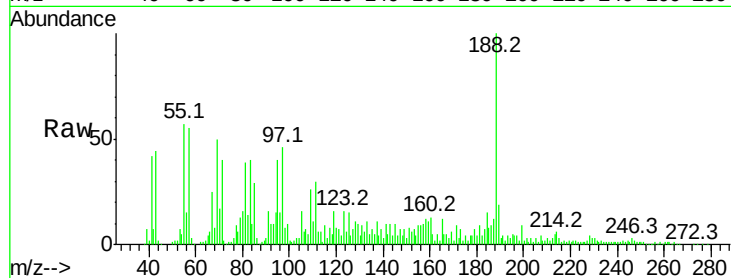
ClientSampleId :

TW-13-04062016

Tot Ion:	188	Resp:	273306
Ion Ratio	Lower	Upper	
188	100		
94	15.2	5.4	8.0#
80	15.8	5.5	8.3#

Manual Integrations
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#70

Phenanthrene

Concen: 6.42 ng m

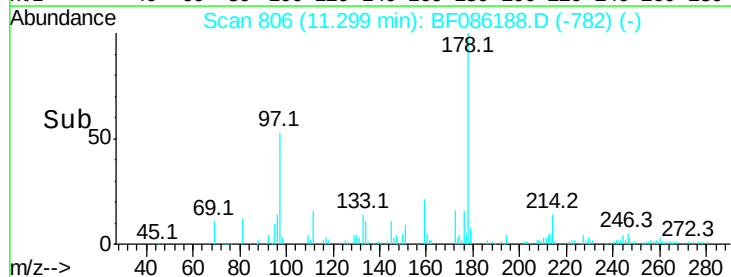
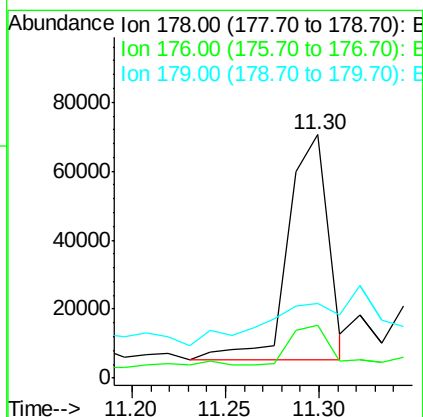
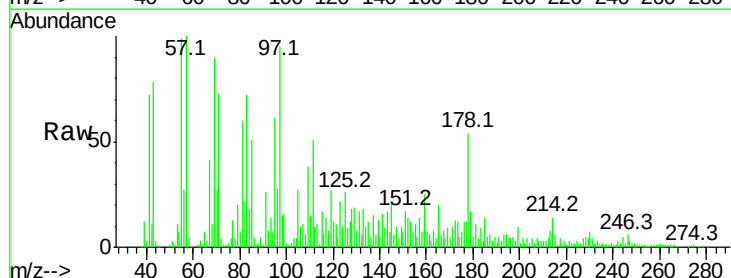
RT: 11.30 min Scan# 806

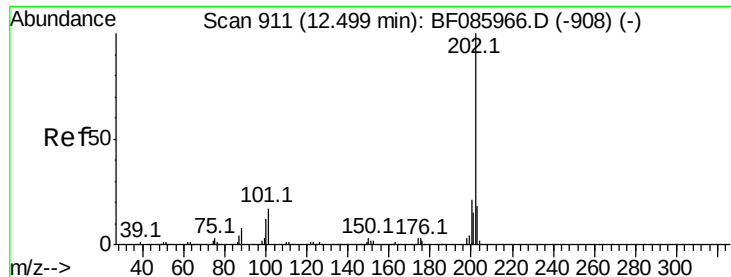
Delta R.T. -0.02 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Tgt Ion:	178	Resp:	95668
Ion Ratio	Lower	Upper	
178	100		
176	21.9	16.3	24.5
179	30.7	12.6	18.8#





#74

Fluoranthene

Concen: 2.36 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Instrument :

BNA_F

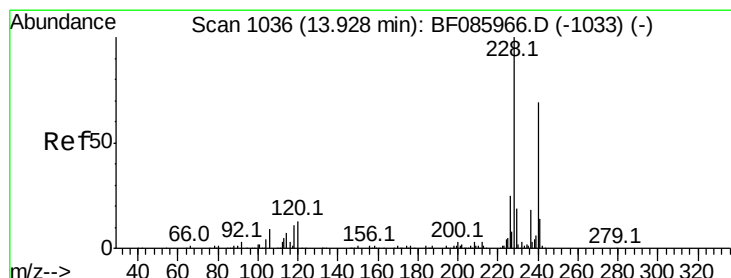
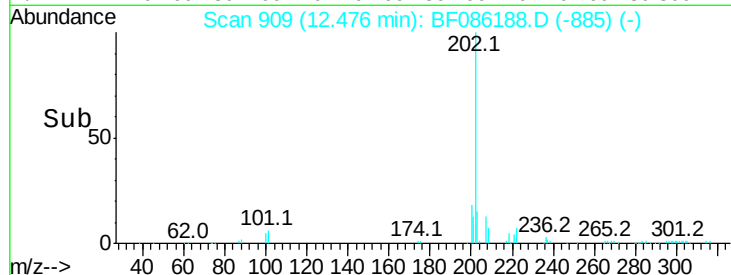
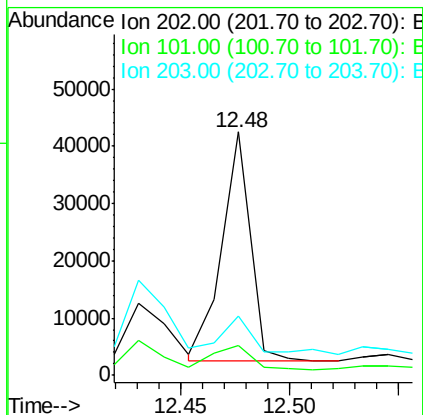
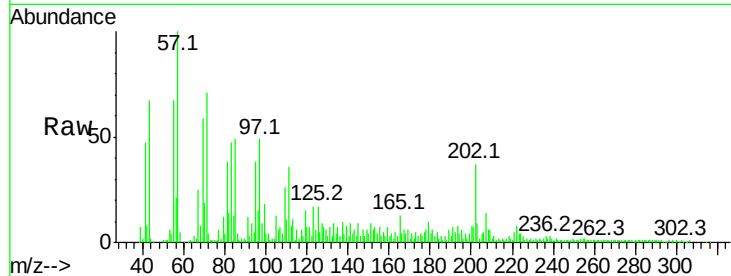
ClientSampleId :

TW-13-04062016

Tot Ion:	202	Resp:	36657
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	36.6
203	24.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

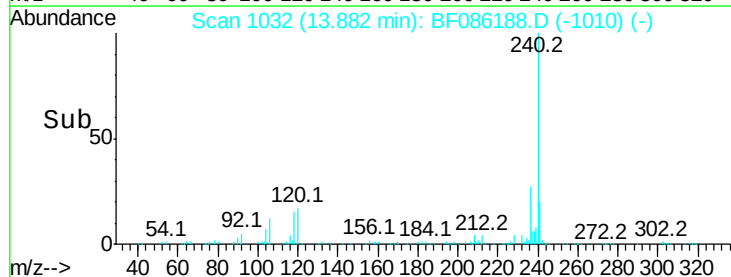
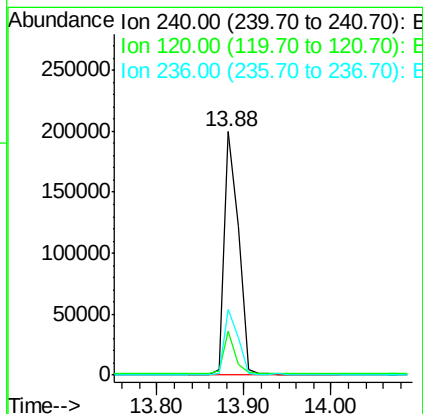
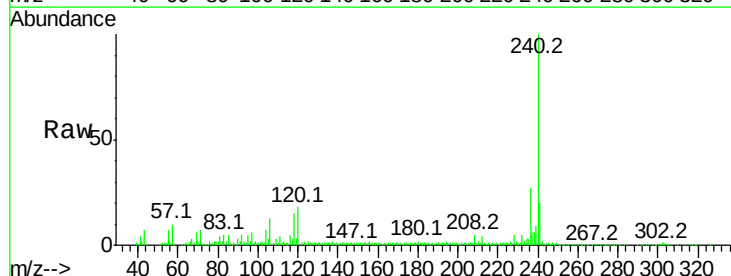
RT: 13.88 min Scan# 1032

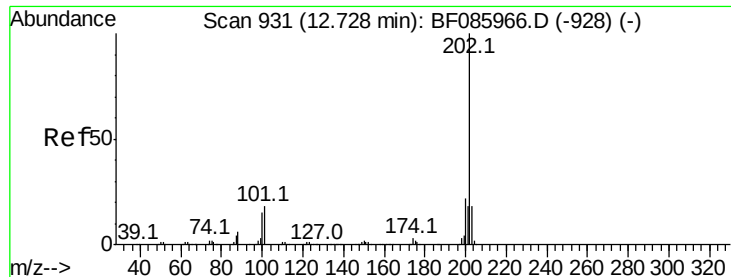
Delta R.T. -0.05 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Tgt Ion:	240	Resp:	228588
Ion Ratio	Lower	Upper	
240	100		
120	18.0	13.8	20.8
236	26.9	20.6	30.8





#77

Pvrene

Concen: 4.95 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Instrument :

BNA_F

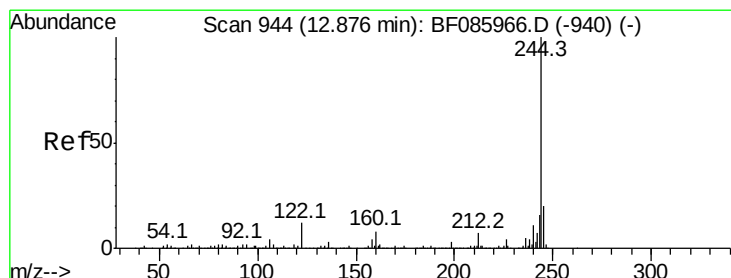
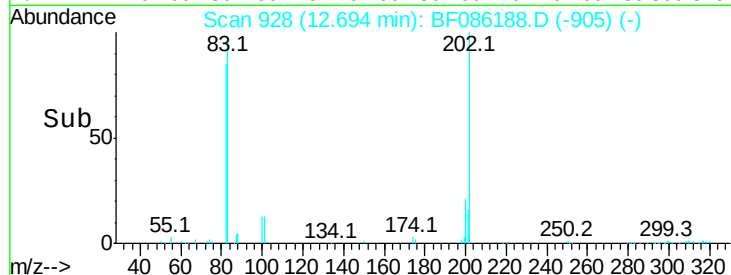
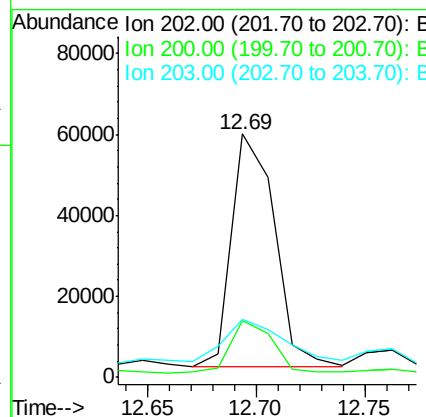
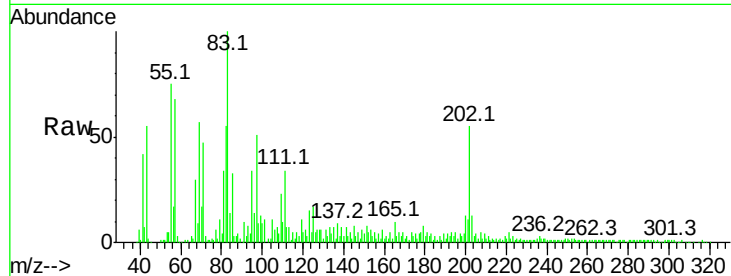
ClientSampleId :

TW-13-04062016

Tot Ion:	202	Resp:	79735
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.6	26.4
203	23.6	14.0	21.0#

Manual Integrations
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#78

Terphenyl-d14

Concen: 74.05 ng

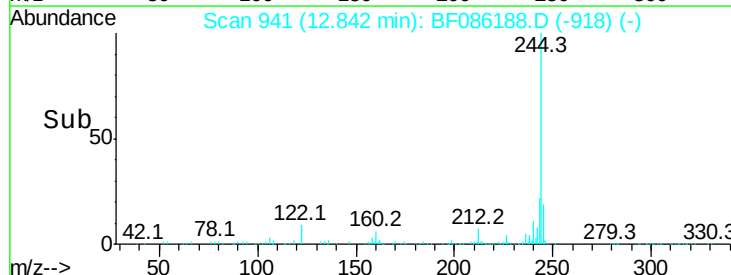
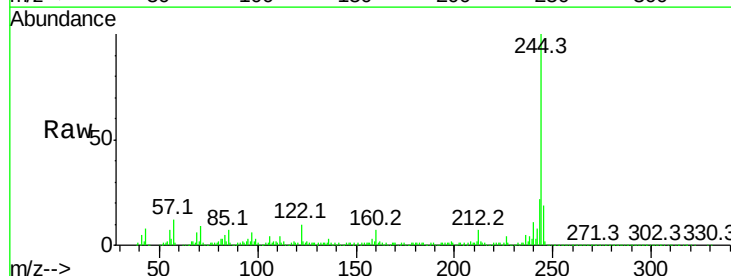
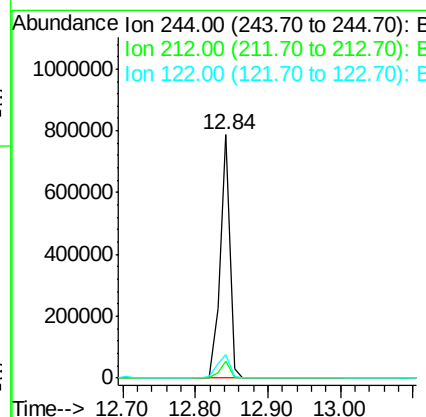
RT: 12.84 min Scan# 941

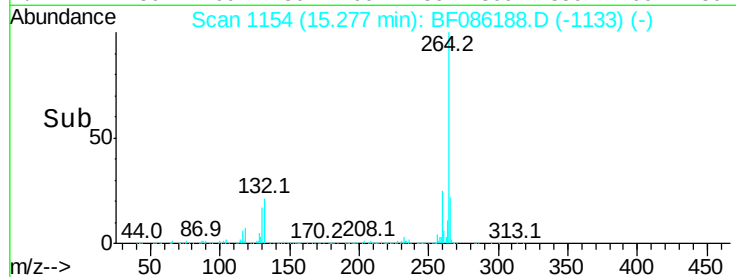
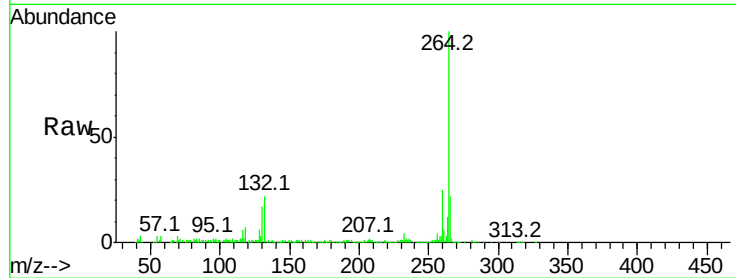
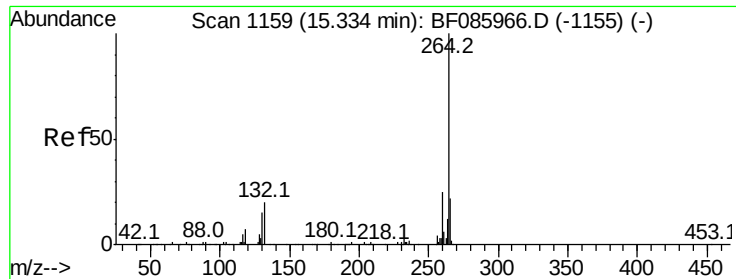
Delta R.T. -0.03 min

Lab File: BF086188.D

Acq: 9 Apr 2016 00:37

Tgt Ion:	244	Resp:	720076
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	9.8	10.2	15.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086188.D
Acq: 9 Apr 2016 00:37

Instrument :
BNA_F
ClientSampleId :
TW-13-04062016

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:23 PM

