

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082501.D
 Acq On : 24 Oct 2015 9:09
 Operator : UM/IZ
 Sample : G4116-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Manual Integrations
 APPROVED

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Quant Time: Oct 25 00:31:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	112382	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	418913	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	194813	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	343469	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256584	20.00	ng	-0.07
86) Perylene-d12	15.49	264	239656	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	519722	93.33	ng	0.01
7) Phenol-d6	6.41	99	689046	95.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	396039	63.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	129628	70.95	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	721243	61.40	ng	-0.01
78) Terphenyl-d14	12.88	244	538795	55.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	192944	14.06	ng	100
74) Fluoranthene	12.50	202	62686	3.47	ng	97
77) Pyrene	12.73	202	56185	3.69	ng	97
80) Benzo(a)anthracene	13.96	228	31753	2.38	ng	97
87) Benzo(b)fluoranthene	15.08	252	37001m	2.54	ng	

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

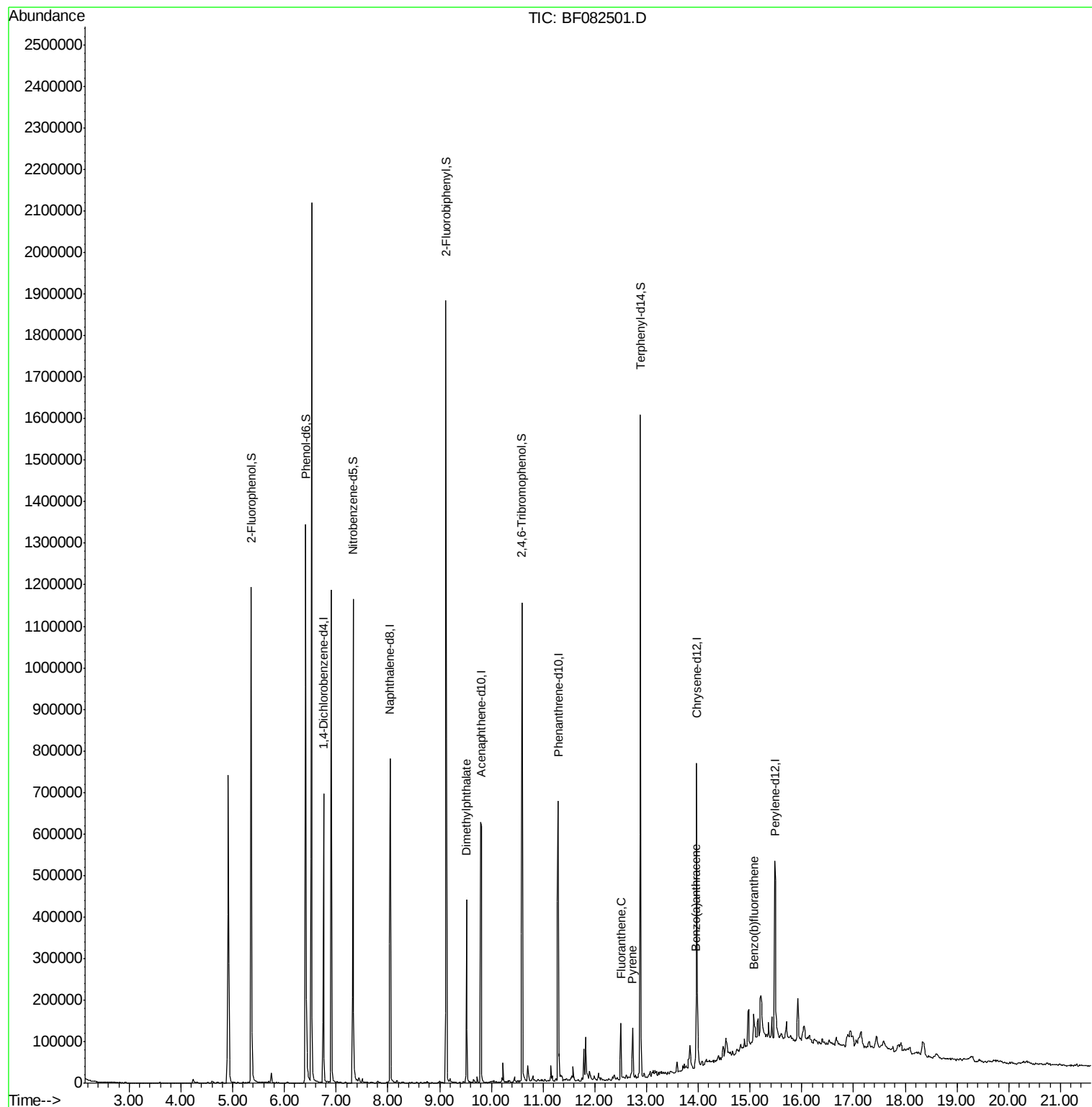
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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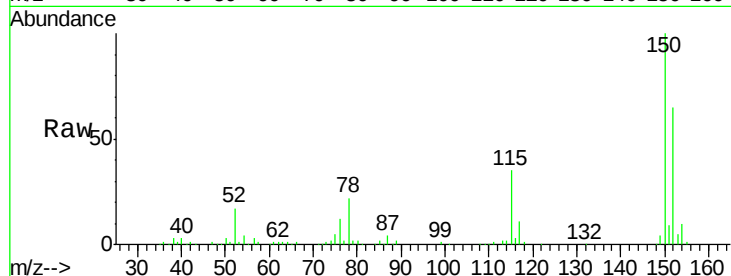




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082501.D
Acq: 24 Oct 2015 9:09

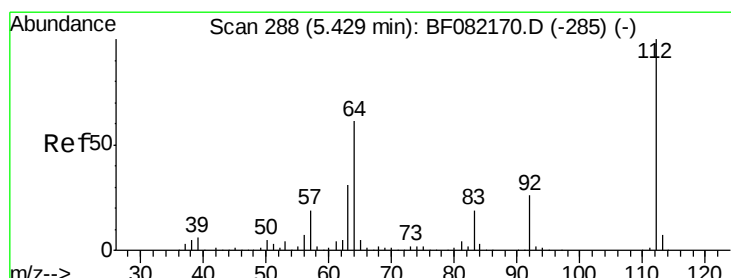
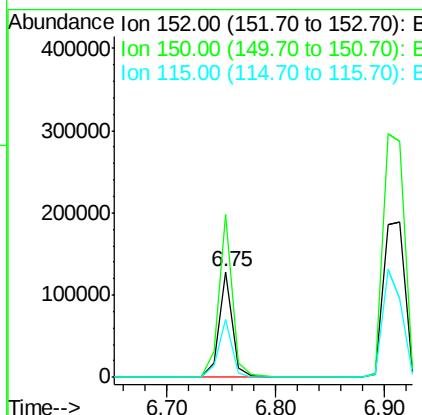
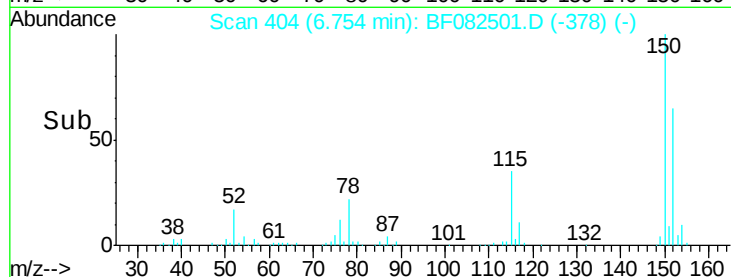
Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	112382		
150	154.7	129.0	193.4	
115	54.4	52.1	78.1	

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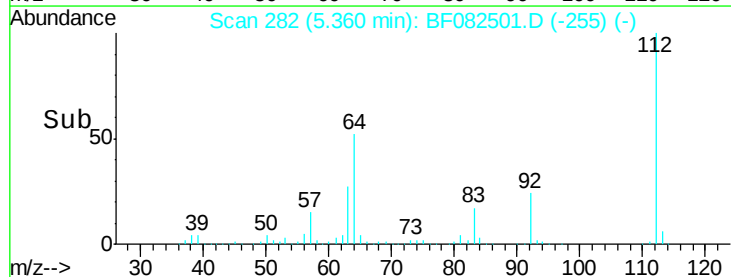
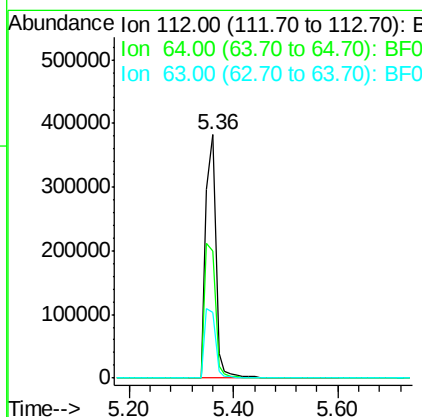
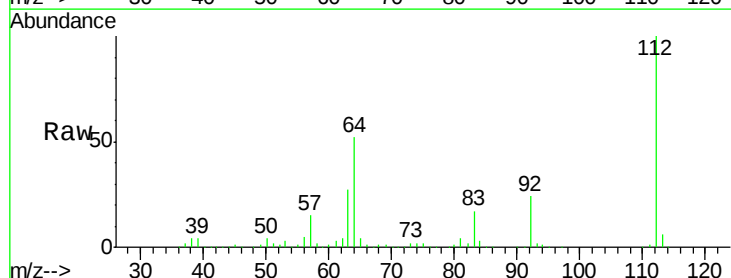
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#5

2-Fluorophenol
Concen: 93.33 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082501.D
Acq: 24 Oct 2015 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	519722		
64	52.0	48.6	73.0	
63	27.0	25.1	37.7	





#7

Phenol-d6

Concen: 95.09 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082501.D

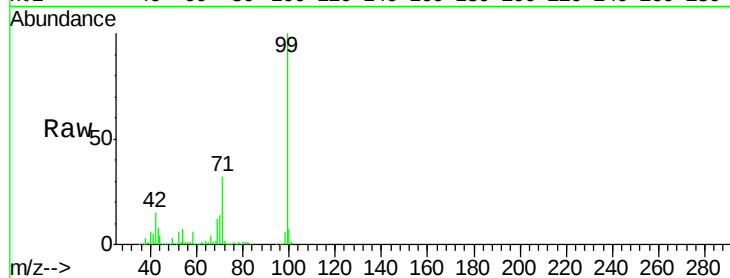
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Instrument :

BNA_F

ClientSampleId :

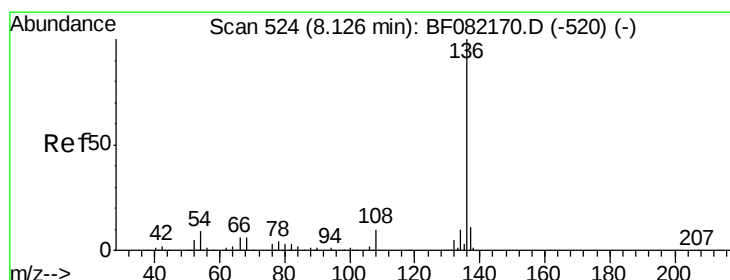
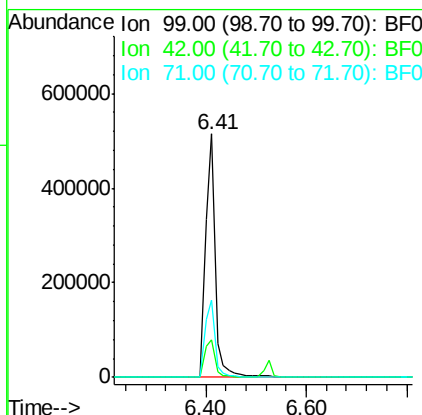
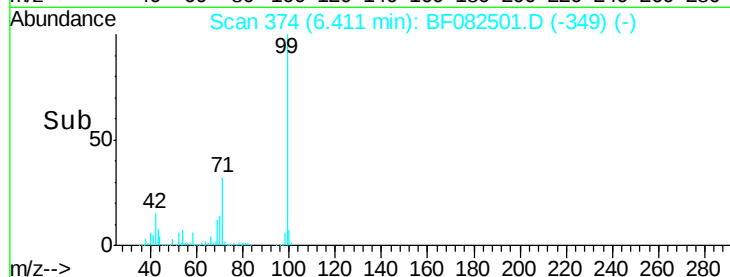
BT-02(0-2)



Tgt Ion:	99	Resp:	689046
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.2	19.8
71	31.8	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

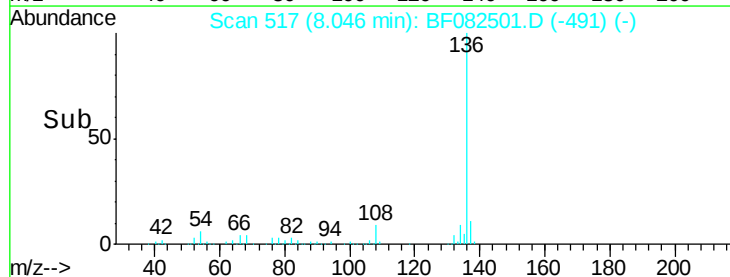
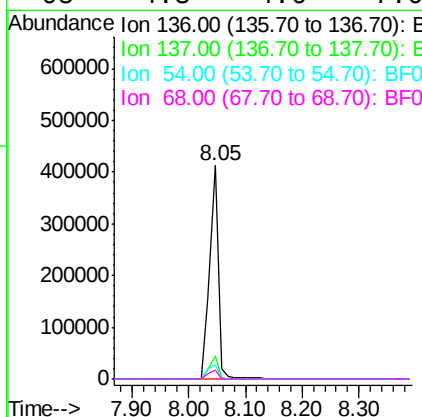
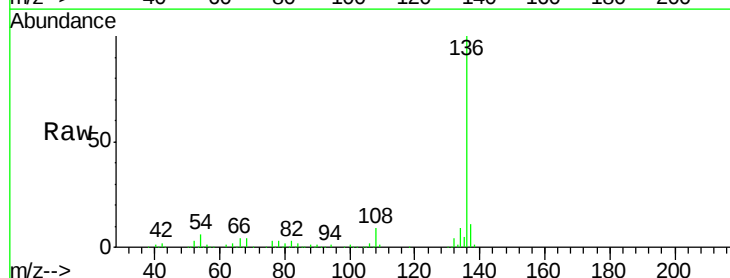
RT: 8.05 min Scan# 517

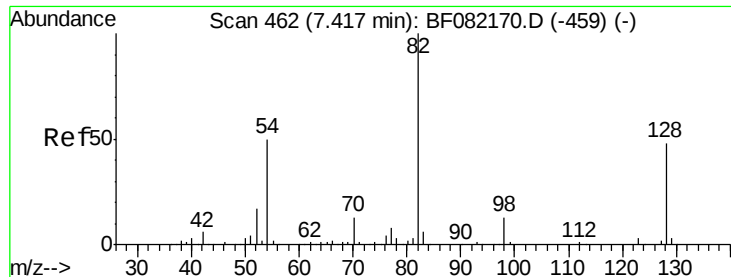
Delta R.T. -0.00 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Tgt Ion:	136	Resp:	418913
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	6.5	7.5	11.3#
68	4.3	4.6	7.0#





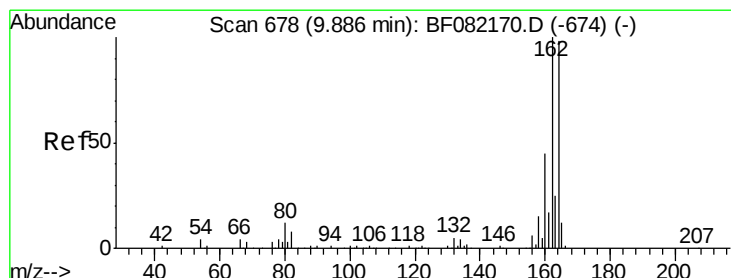
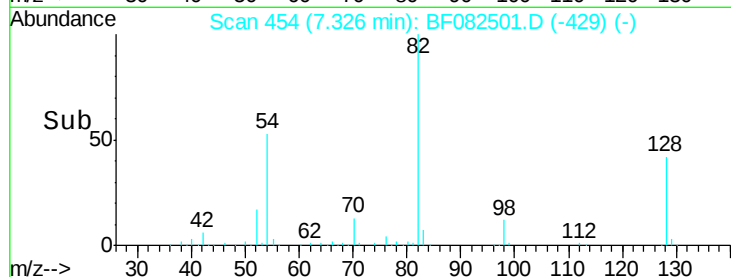
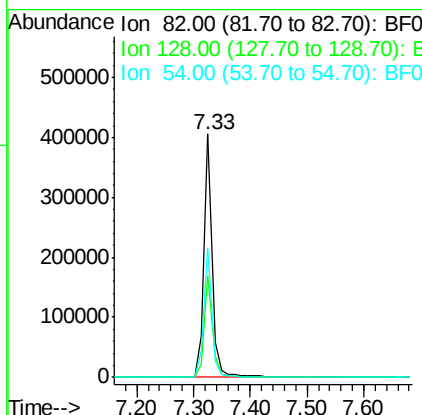
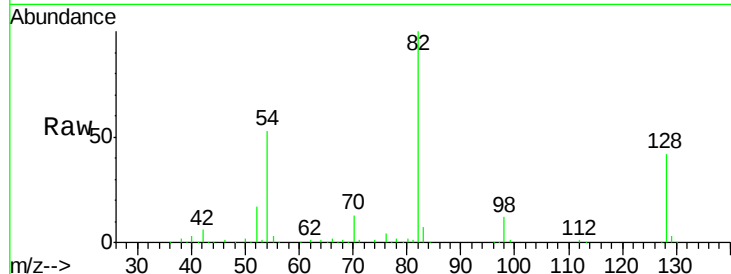
#23
 Nitrobenzene-d5
 Concen: 63.49 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082501.D
 Acq: 24 Oct 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	38.7	58.1
54	53.2	40.1	60.1

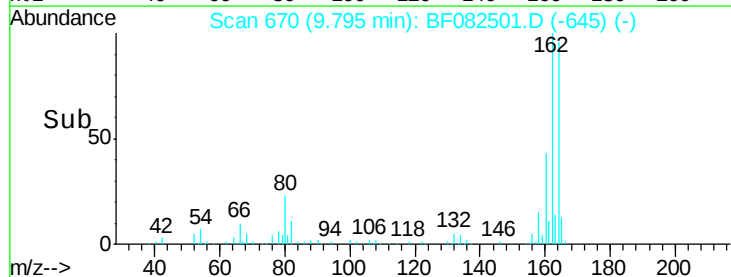
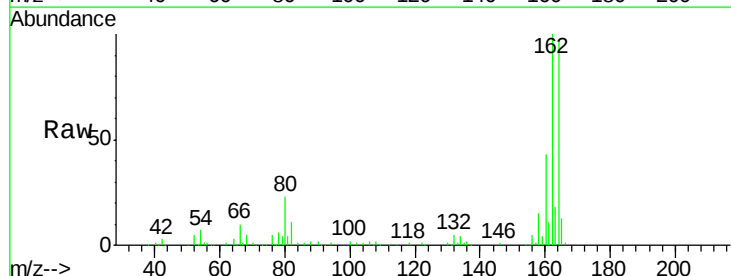
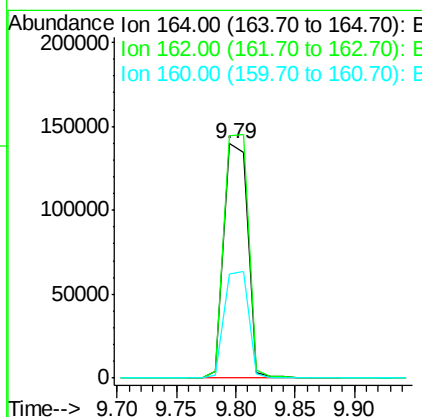
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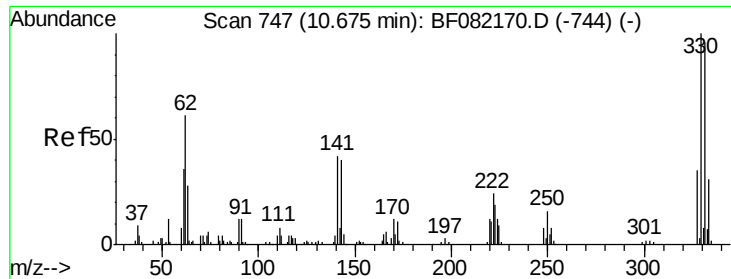
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082501.D
 Acq: 24 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	44.3	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 70.95 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Instrument :

BNA_F

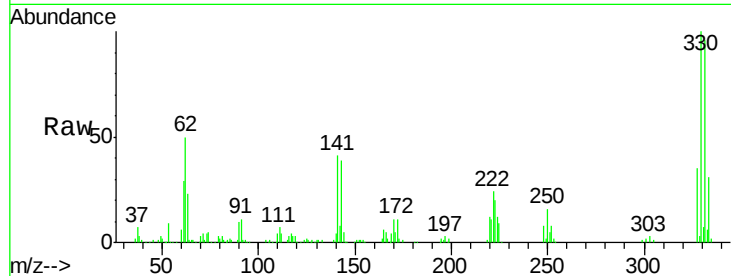
ClientSampleId :

BT-02(0-2)

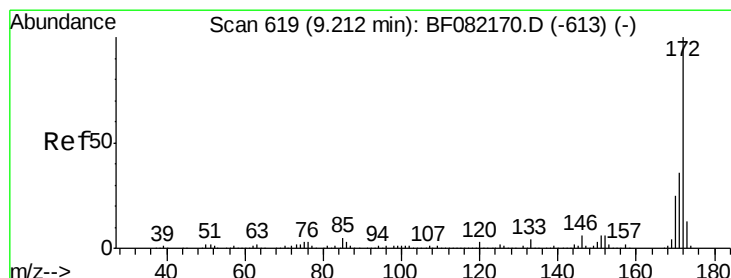
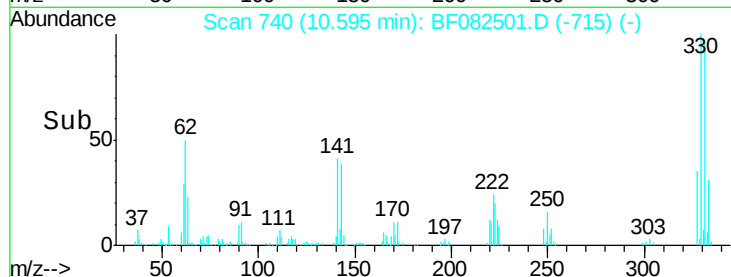
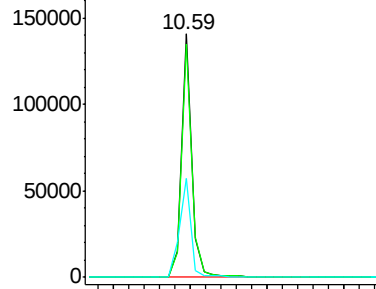
Tgt Ion:	330	Resp:	129628
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	45.0	29.8	44.8#

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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: 61.40 ng

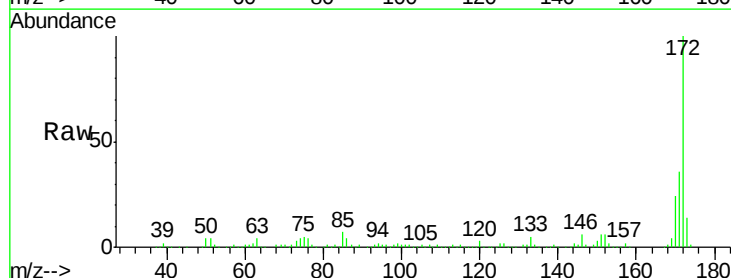
RT: 9.12 min Scan# 611

Delta R.T. -0.01 min

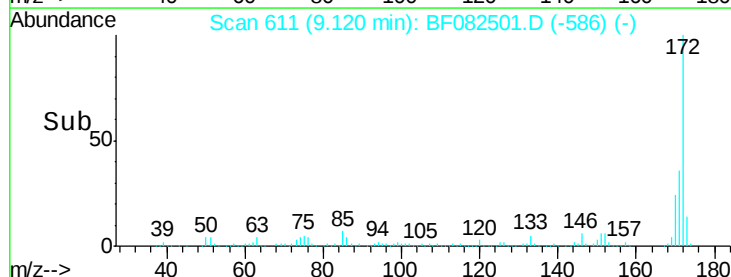
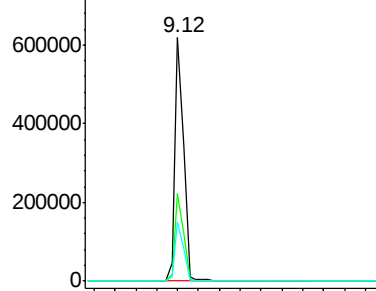
Lab File: BF082501.D

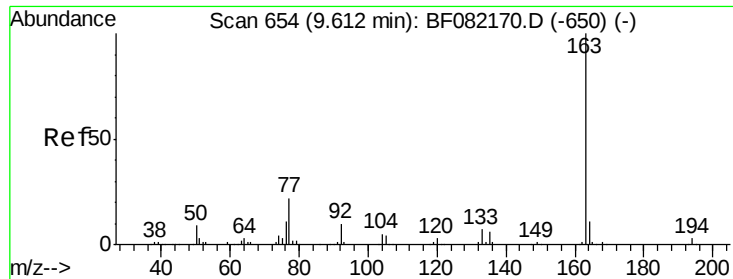
Acq: 24 Oct 2015 9:09

Tgt Ion:	172	Resp:	721243
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	42.8
170	24.1	19.7	29.5



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





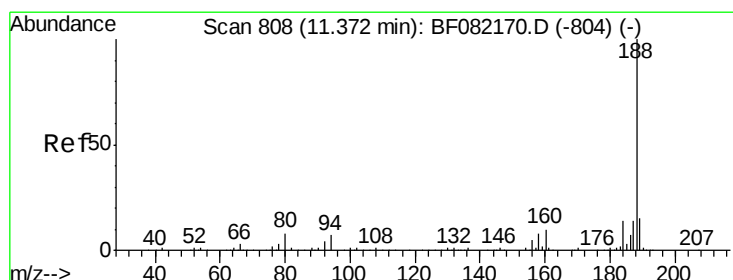
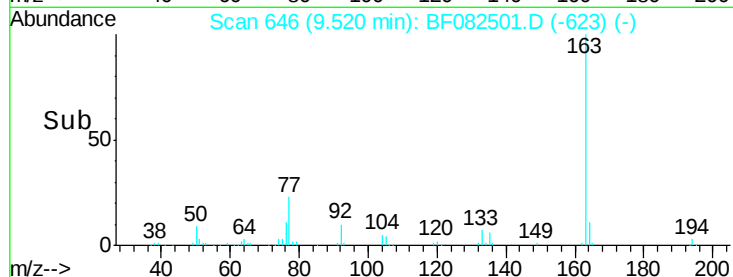
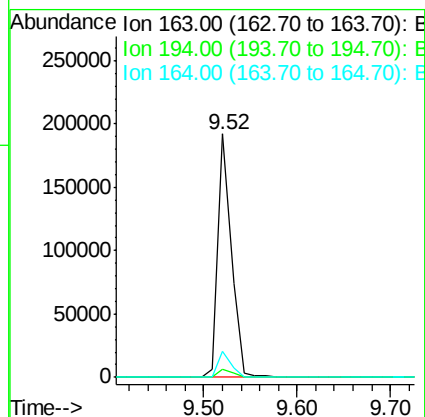
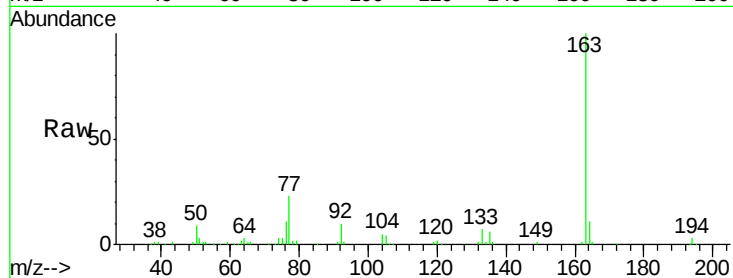
#49
Dimethylphthalate
Concen: 14.06 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082501.D
Acq: 24 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.5	12.7

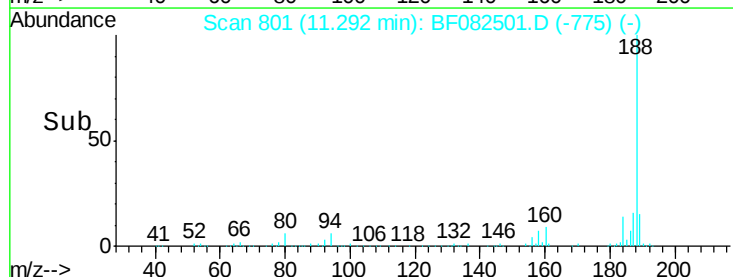
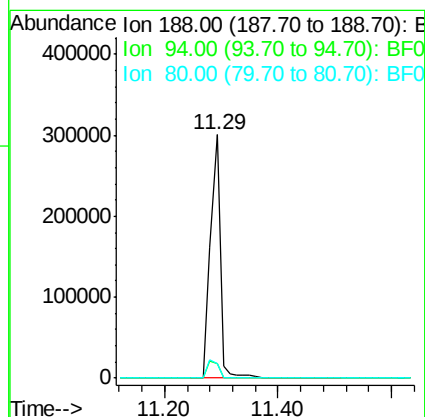
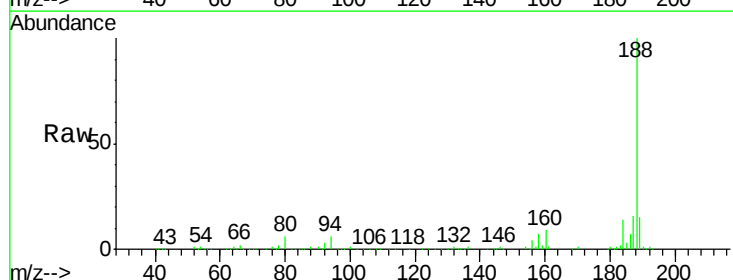
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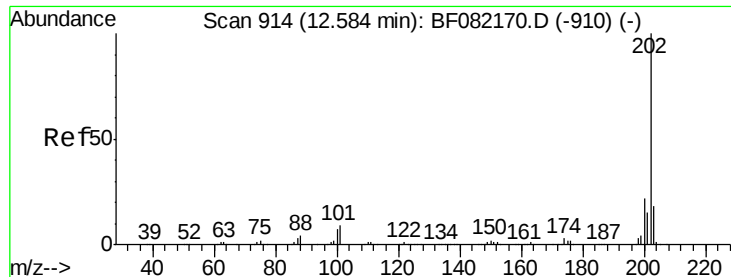
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF082501.D
Acq: 24 Oct 2015 9:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.7	5.8	8.6#
80	5.8	6.4	9.6#





#74

Fluoranthene

Concen: 3.47 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Instrument :

BNA_F

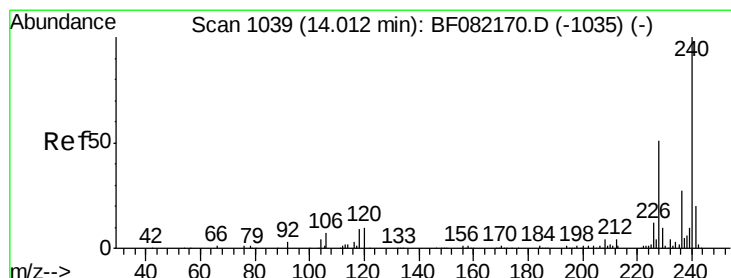
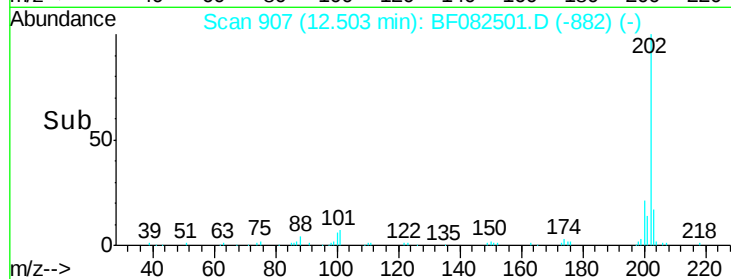
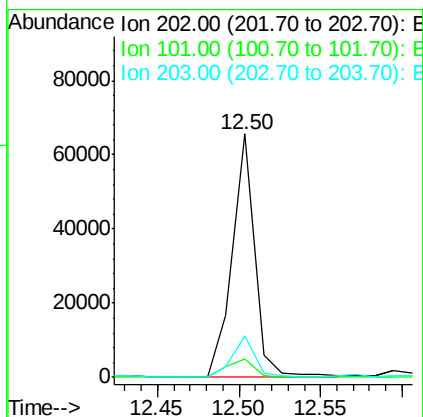
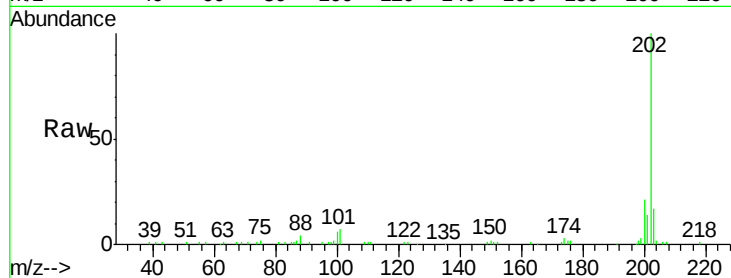
ClientSampleId :

BT-02(0-2)

Tgt	Ion	202	Resp:	62686
Ion	Ratio	Lower	Upper	
202	100			
101	7.3	0.0	29.3	
203	17.1	0.0	37.8	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

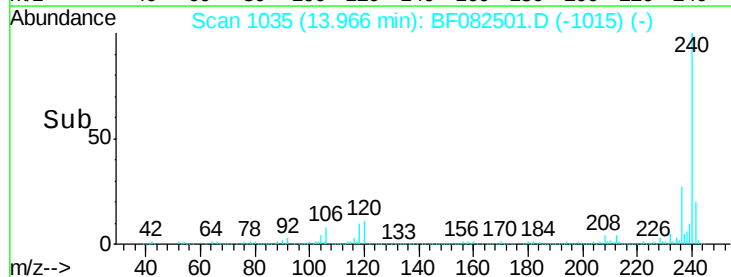
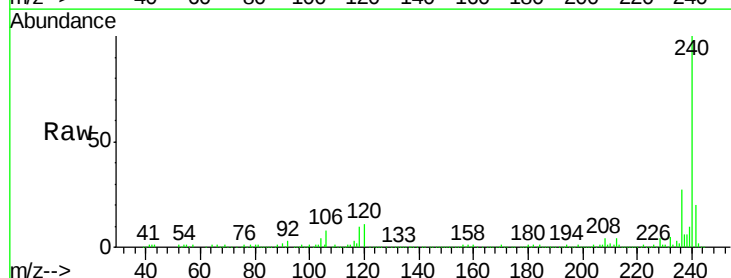
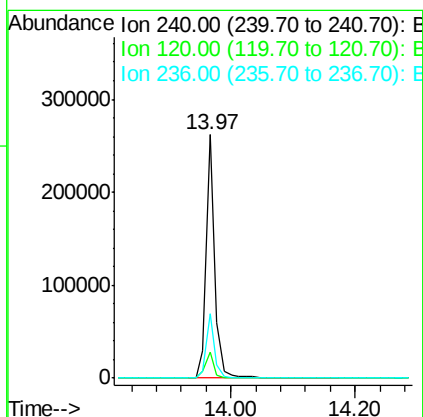
RT: 13.97 min Scan# 1035

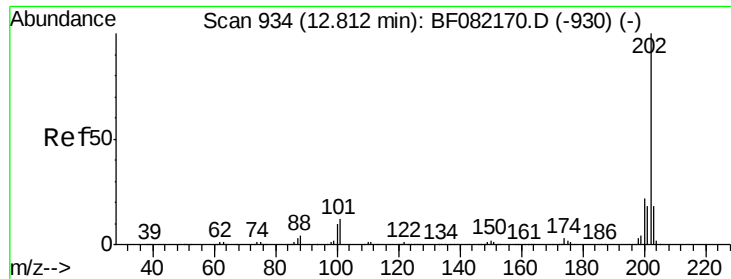
Delta R.T. -0.07 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Tgt	Ion	240	Resp:	256584
Ion	Ratio	Lower	Upper	
240	100			
120	10.6	8.1	12.1	
236	26.7	21.3	31.9	





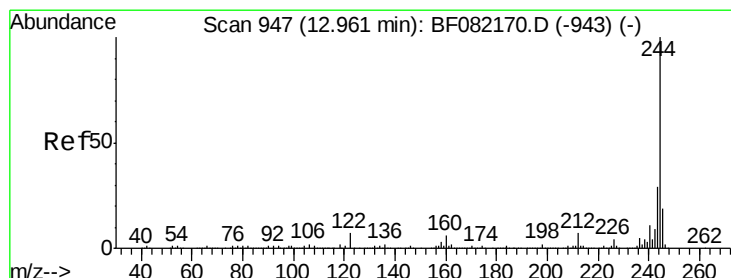
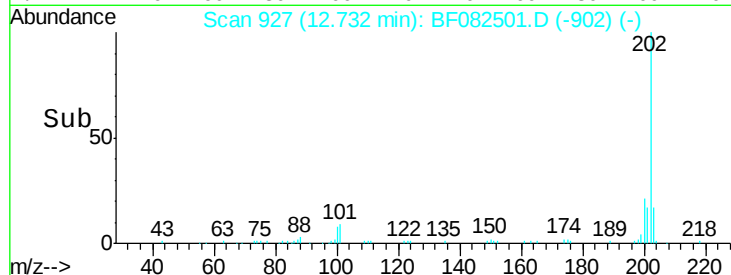
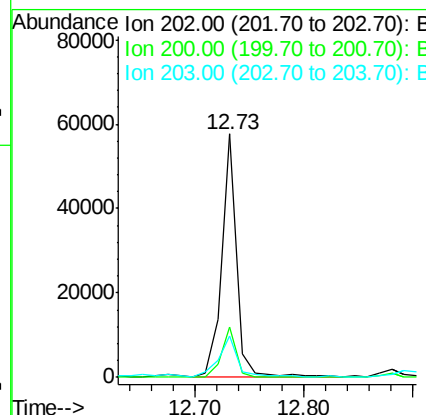
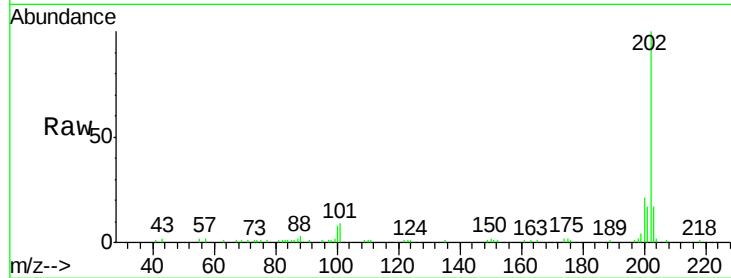
#77
 Pyrene
 Concen: 3.69 ng
 RT: 12.73 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF082501.D
 Acq: 24 Oct 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56185		
200	20.9		17.9	26.9
203	17.2		14.5	21.7

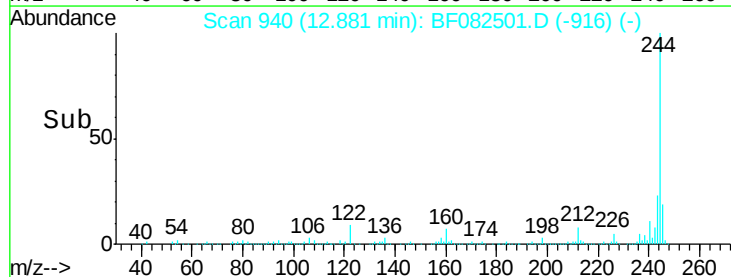
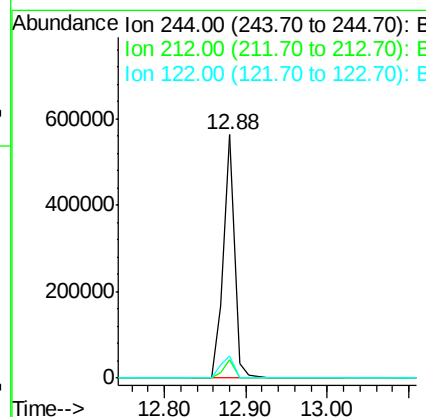
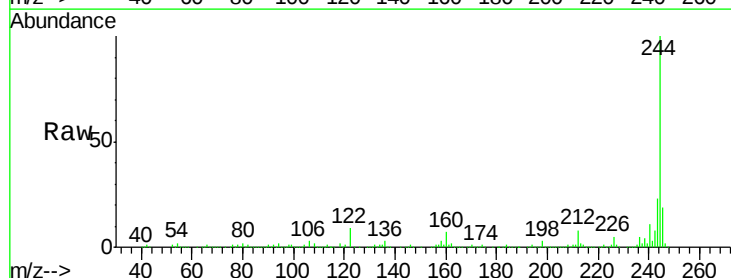
Manual Integrations
 APPROVED

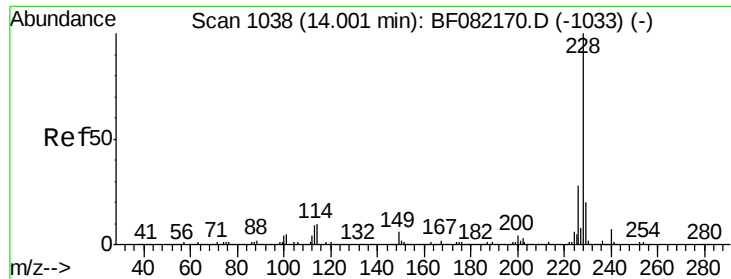
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#78
 Terphenyl-d14
 Concen: 55.65 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082501.D
 Acq: 24 Oct 2015 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	538795		
212	7.6		5.8	8.6
122	9.2		5.9	8.9#





#80

Benzo(a)anthracene

Concen: 2.38 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.07 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Instrument :

BNA_F

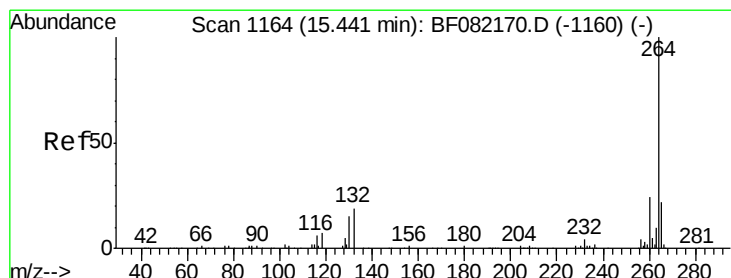
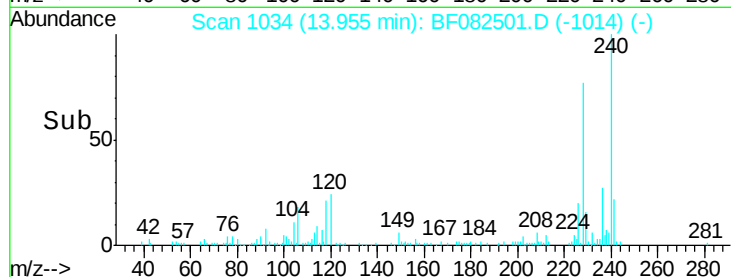
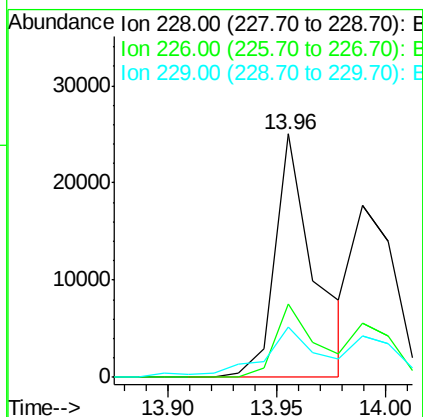
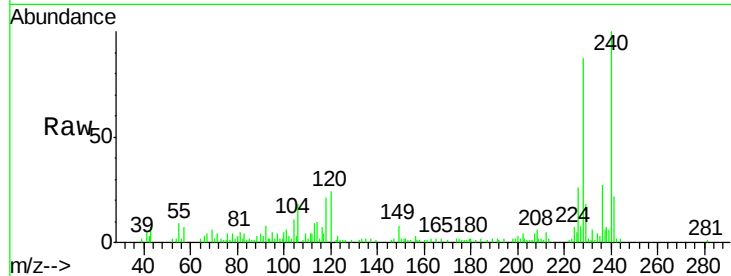
ClientSampleId :

BT-02(0-2)

Tgt Ion:	228	Resp:	31753
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.3	33.5
229	20.9	16.2	24.2

Manual Integrations
APPROVED

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10/26/2015 7:22:51 PM



#86

Perylene-d12

Concen: 20.00 ng

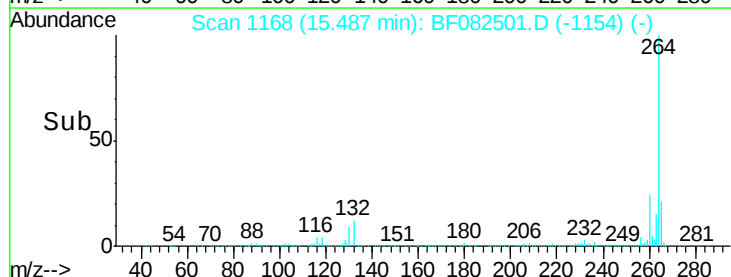
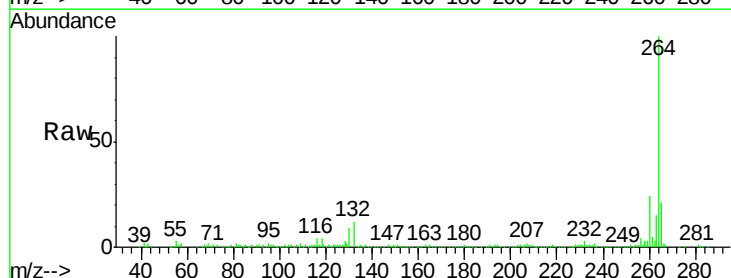
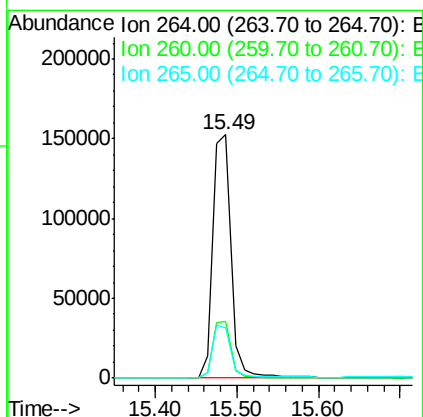
RT: 15.49 min Scan# 1168

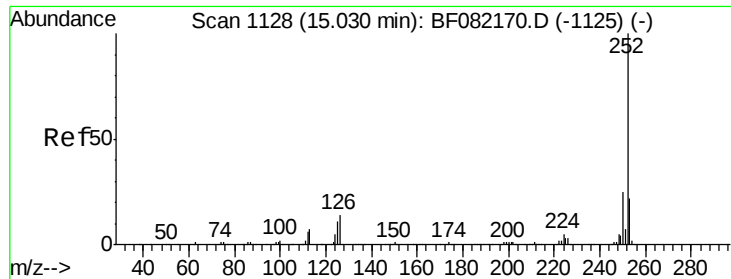
Delta R.T. -0.14 min

Lab File: BF082501.D

Acq: 24 Oct 2015 9:09

Tgt Ion:	264	Resp:	239656
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	20.8	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 2.54 ng m
 RT: 15.08 min Scan# 1132
 Delta R.T. -0.13 min
 Lab File: BF082501.D
 Acq: 24 Oct 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	13.4	8.6	12.8

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:51 PM

