

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087762.D
 Acq On : 6 Jun 2016 20:18
 Operator : UM/SJ
 Sample : H3356-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(6-12)C

Manual Integrations
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Quant Time: Jun 07 02:00:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	113961	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	472811	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	181320	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	308364	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	256890	20.00	ng	-0.02
86) Perylene-d12	15.43	264	193076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	76137	10.80	ng	-0.01
7) Phenol-d6	6.47	99	100129	11.32	ng	-0.02
23) Nitrobenzene-d5	7.40	82	54433	6.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	26567	14.60	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	122158	8.25	ng	-0.02
78) Terphenyl-d14	12.95	244	109497	10.40	ng	-0.02
Target Compounds						
74) Fluoranthene	12.57	202	40985	2.49	ng	93
77) Pyrene	12.80	202	47640	2.60	ng	98
87) Benzo(b)fluoranthene	15.02	252	25742m	2.05	ng	

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

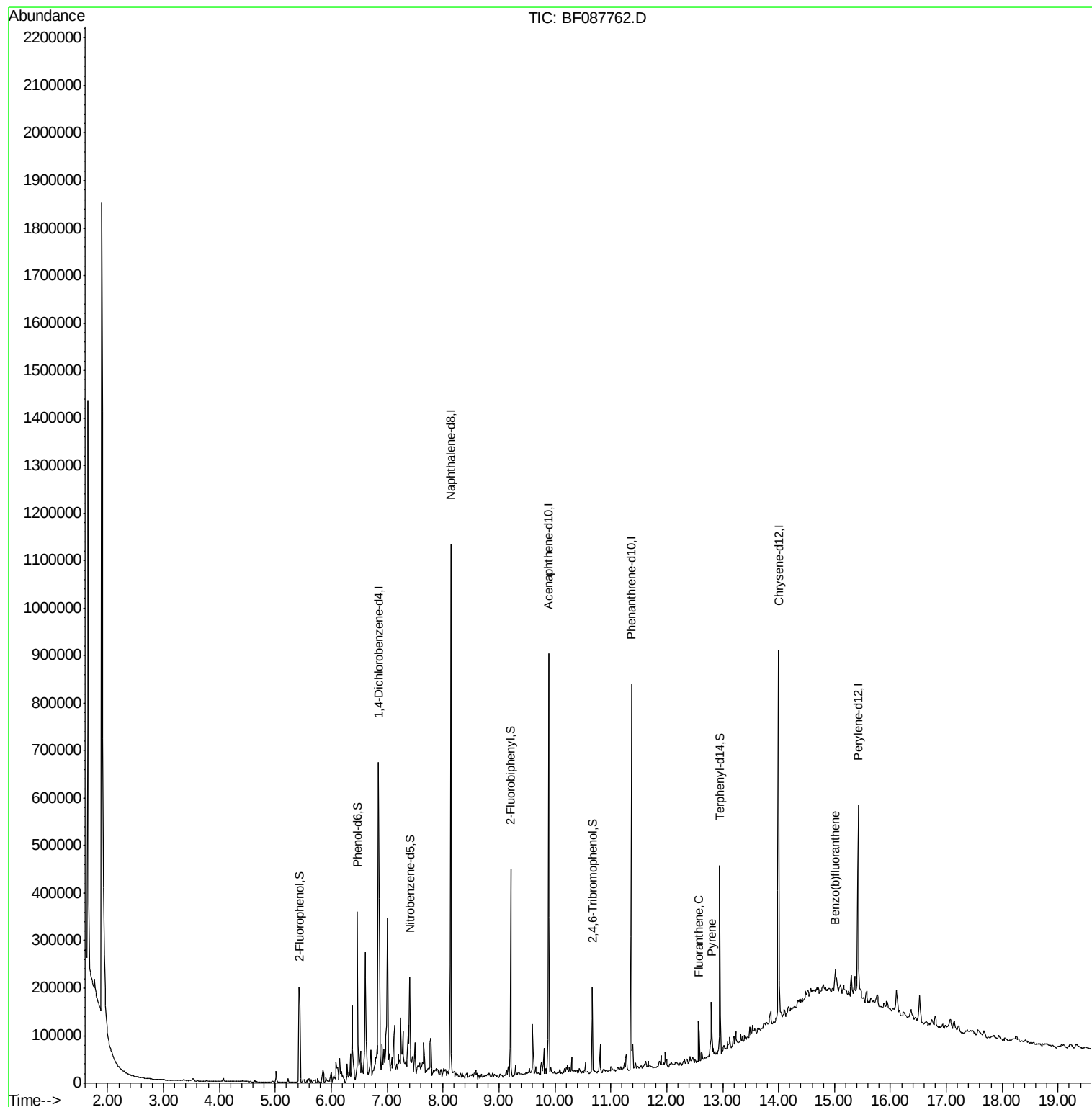
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087762.D
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Sample : H3356-05 5X
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ALS Vial : 20 Sample Multiplier: 1

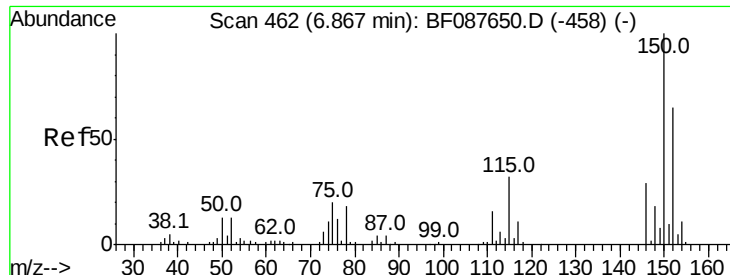
Instrument :
BNA_F
ClientSampleId :
U5-B4(6-12)C

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Quant Time: Jun 07 02:00:36 2016
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#1

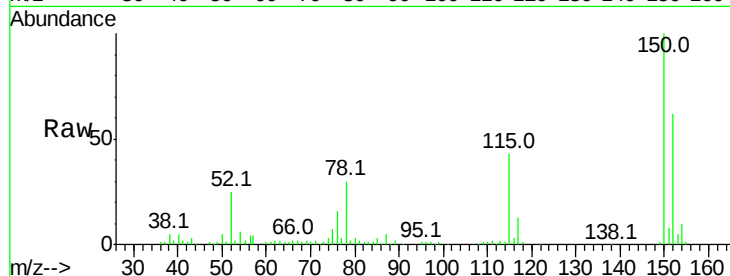
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Instrument :
BNA_F
ClientSampleId :
U5-B4(6-12)C

Tot Ion	Ratio	Resp	Lower	Upper
152	100	113961		
150	161.4	123.8	185.6	
115	68.8	39.6	59.4	

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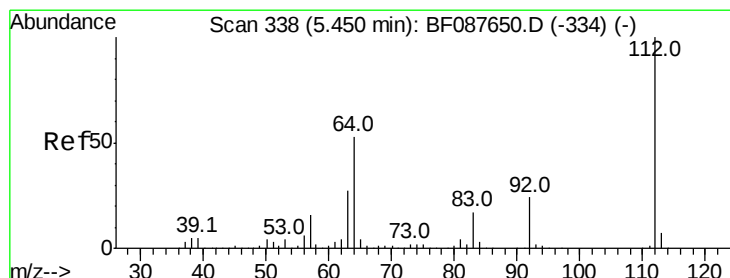
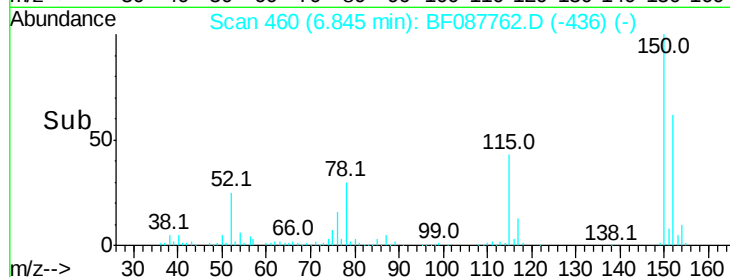
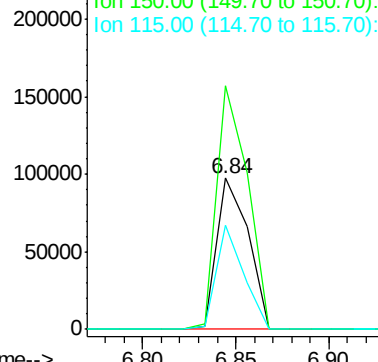


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

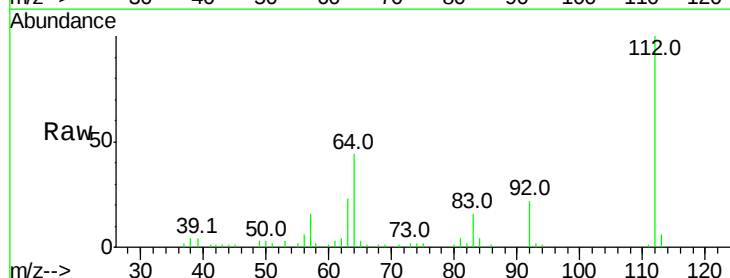
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.80 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	76137		
64	44.1	42.2	63.2	
63	23.2	21.8	32.8	

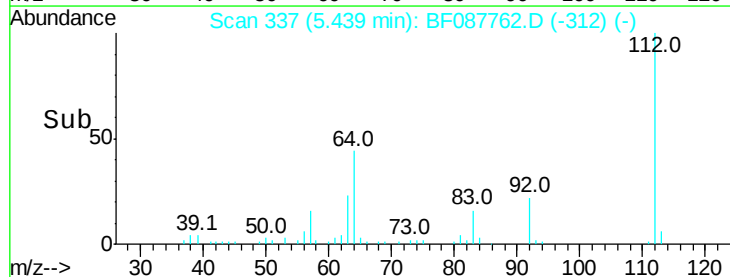
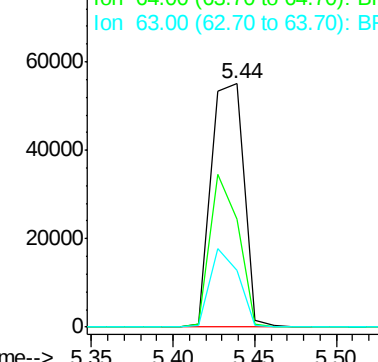


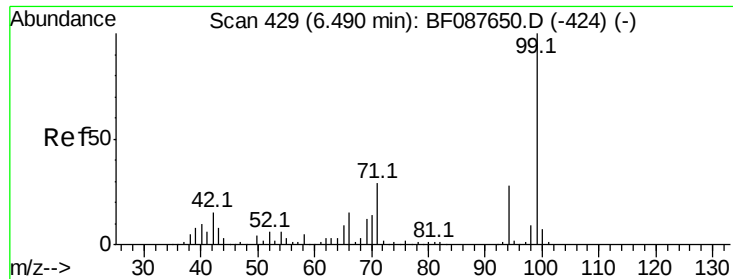
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.32 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087762.D

Acq: 6 Jun 2016 20:18

Instrument :

BNA_F

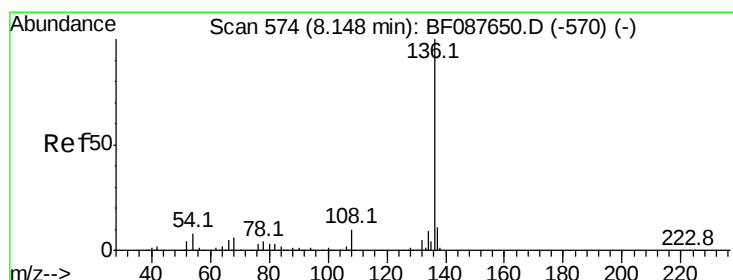
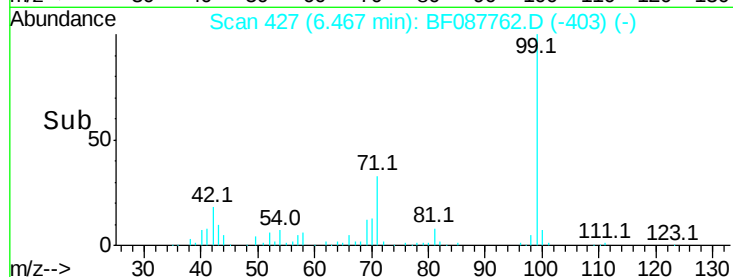
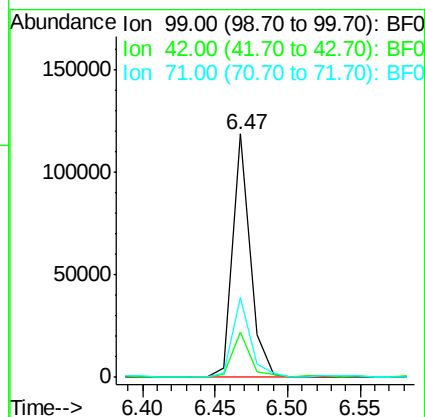
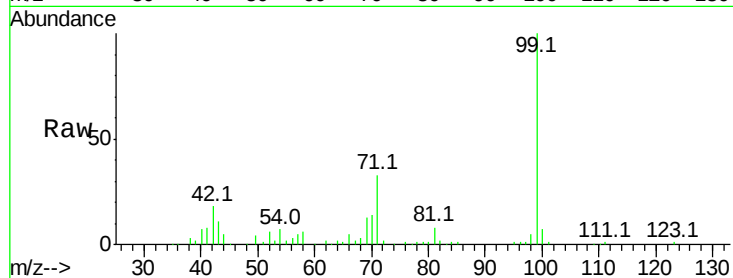
ClientSampleId :

U5-B4(6-12)C

Tot Ion:	99	Resp:	100129
Ion Ratio	Lower	Upper	
99	100		
42	18.4	12.2	18.2#
71	32.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

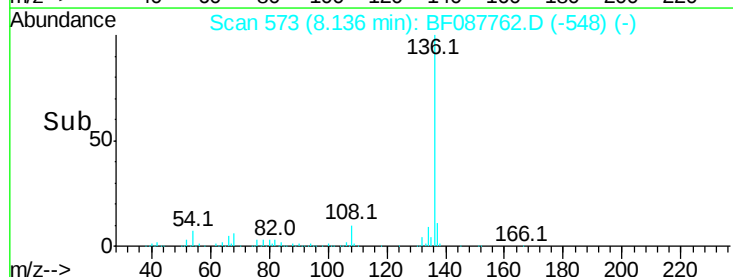
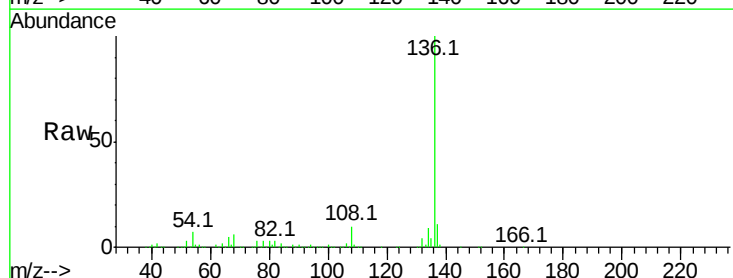
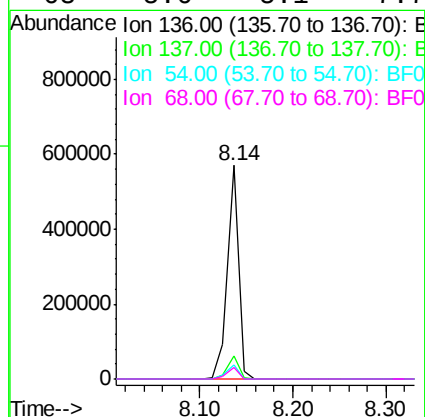
RT: 8.14 min Scan# 573

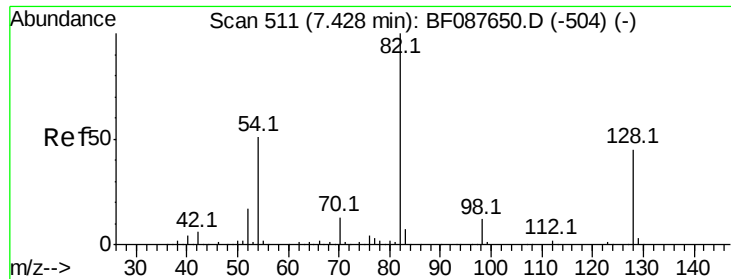
Delta R.T. -0.01 min

Lab File: BF087762.D

Acq: 6 Jun 2016 20:18

Tgt Ion:	136	Resp:	472811
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.8	6.6	10.0
68	5.6	5.1	7.7





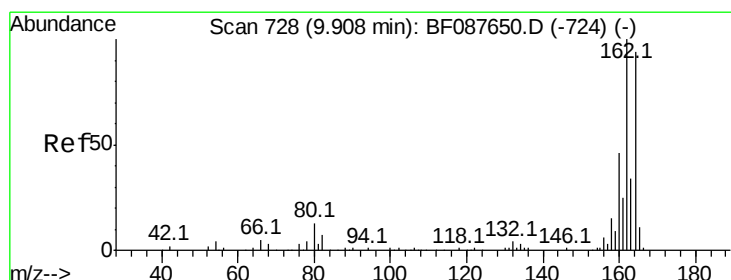
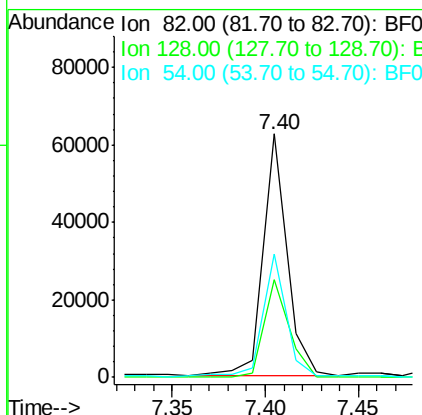
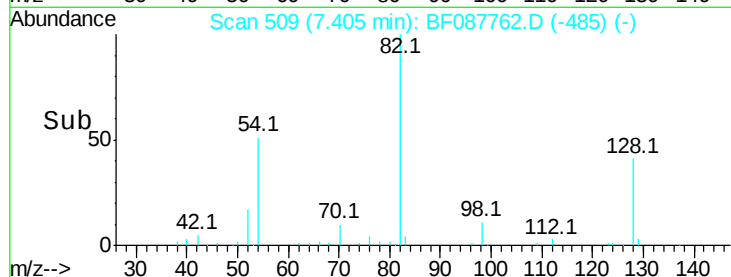
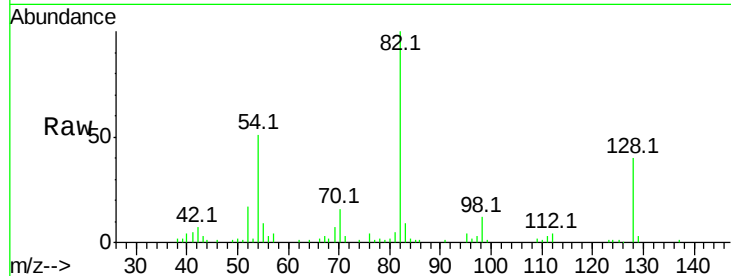
#23
Nitrobenzene-d5
Concen: 6.66 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Instrument :
BNA_F
ClientSampleId :
U5-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.9	53.9
54	50.7	40.9	61.3

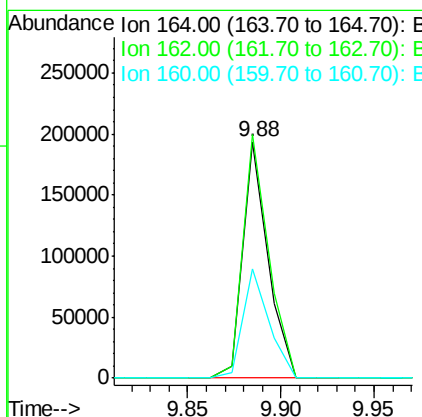
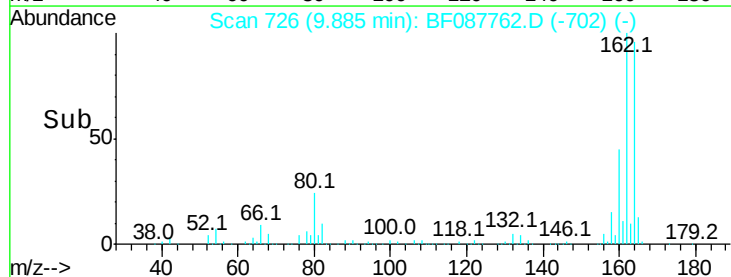
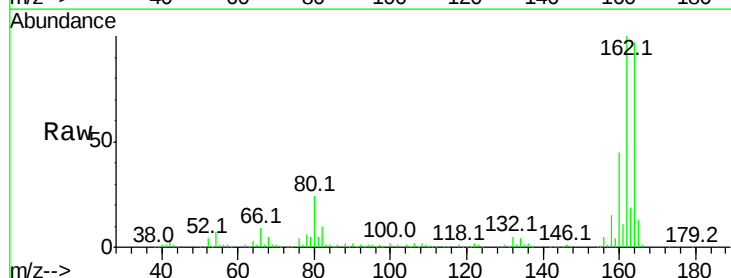
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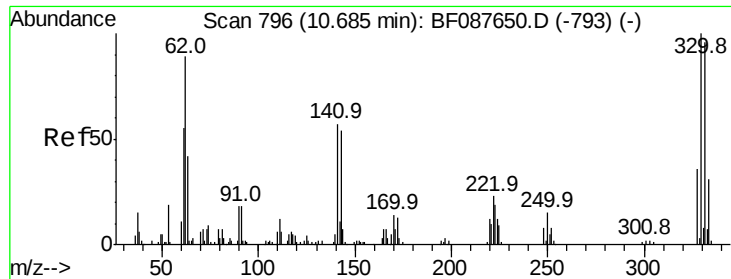
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.5	39.5	59.3





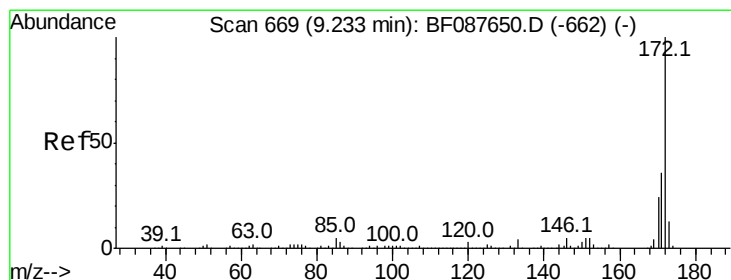
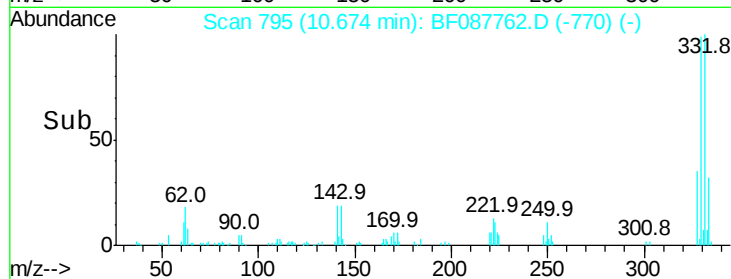
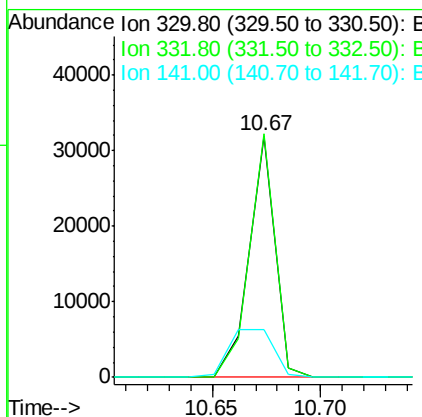
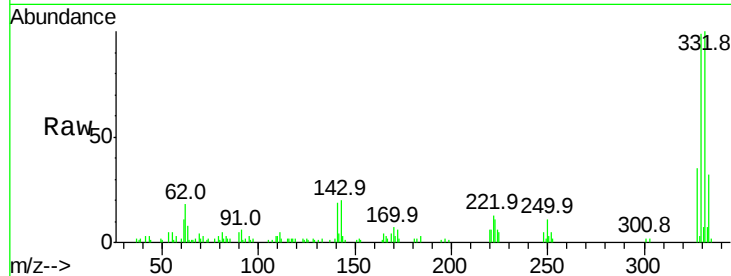
#41
 2,4,6-Tribromophenol
 Concen: 14.60 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087762.D
 Acq: 6 Jun 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(6-12)C

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	99.5	0.0	0.0#
141	34.2	0.0	0.0#

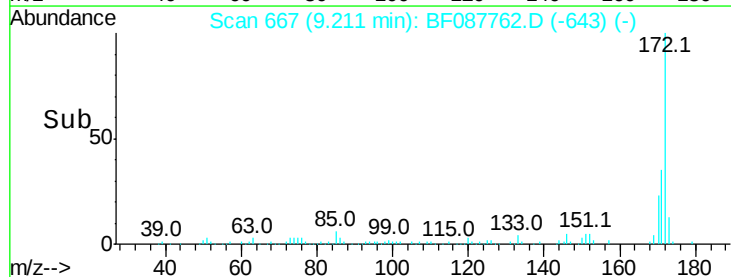
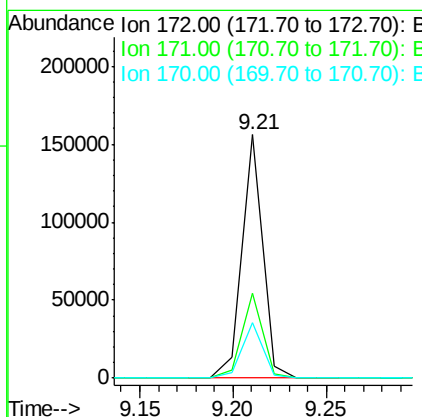
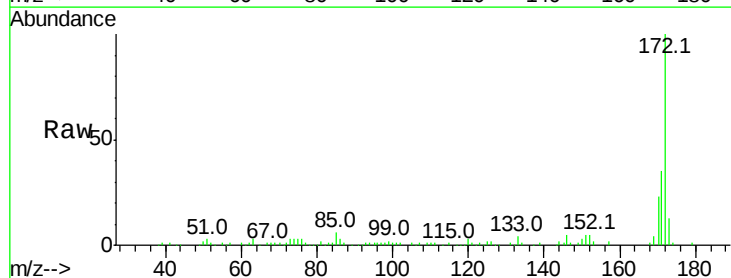
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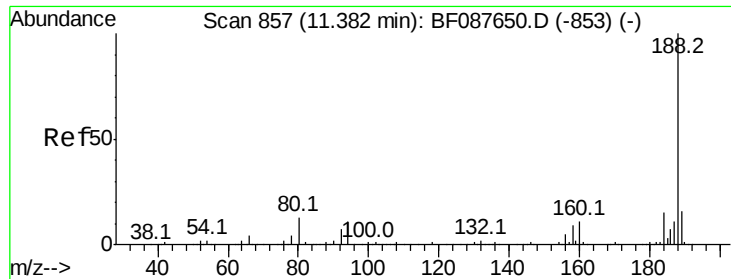
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#44
 2-Fluorobiphenyl
 Concen: 8.25 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087762.D
 Acq: 6 Jun 2016 20:18

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.0	19.2	28.8





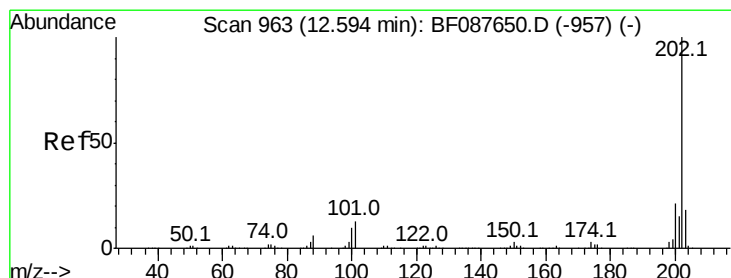
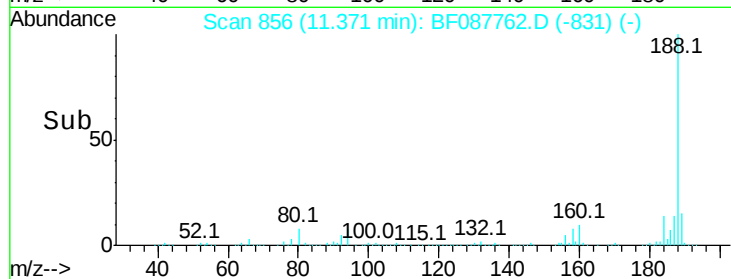
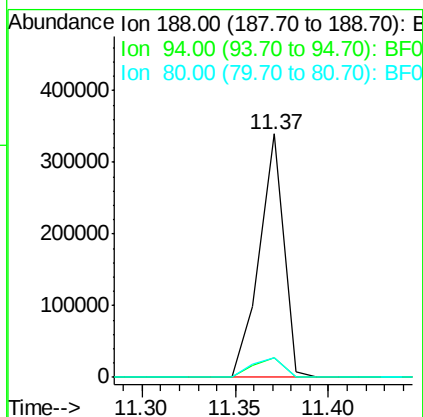
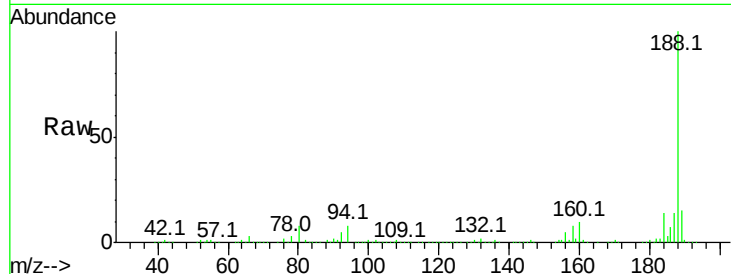
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Instrument :
BNA_F
ClientSampleId :
U5-B4(6-12)C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	8.3	10.0	15.0#

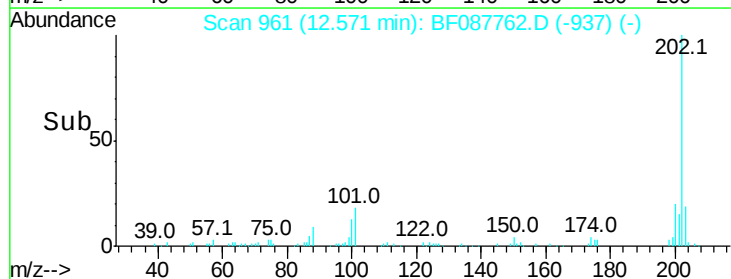
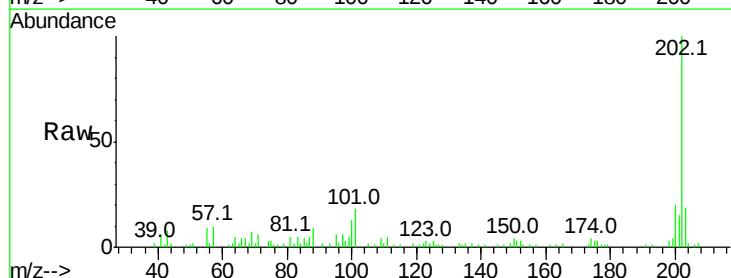
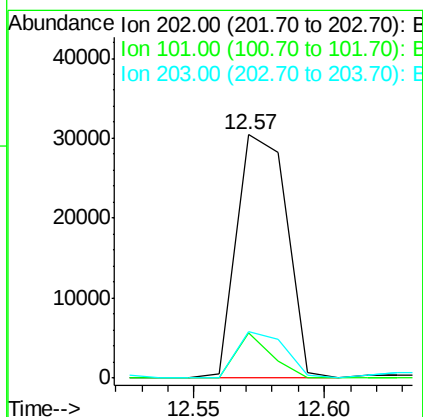
Manual Integrations
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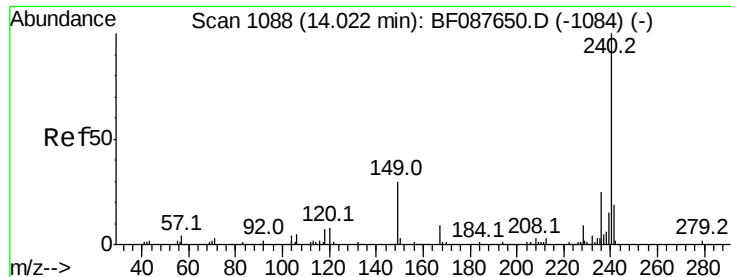
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#74
Fluoranthene
Concen: 2.49 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF087762.D
Acq: 6 Jun 2016 20:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.4	0.0	33.1
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087762.D

Acq: 6 Jun 2016 20:18

Instrument :

BNA_F

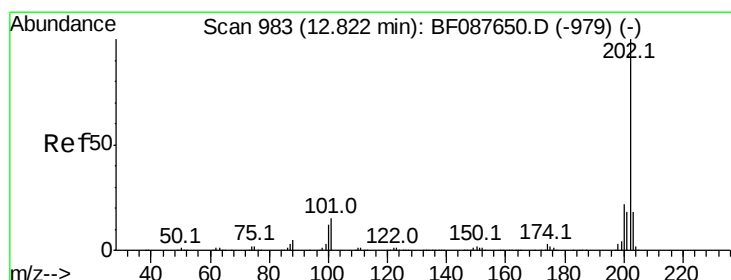
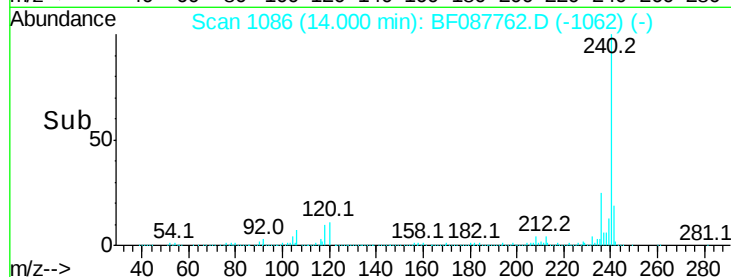
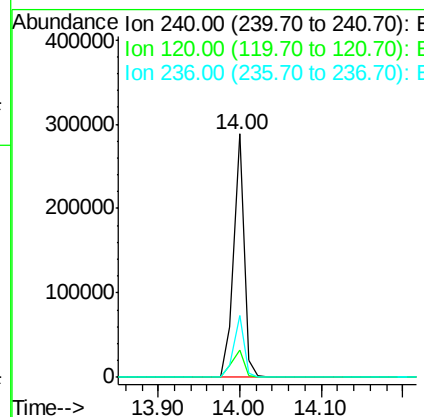
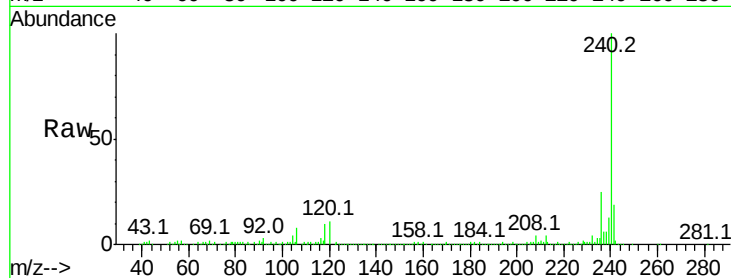
ClientSampleId :

U5-B4(6-12)C

Tot Ion:	240	Resp:	256890
Ion Ratio	Lower	Upper	
240	100		
120	11.4	6.8	10.2#
236	25.4	20.2	30.2

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#77

Pyrene

Concen: 2.60 ng

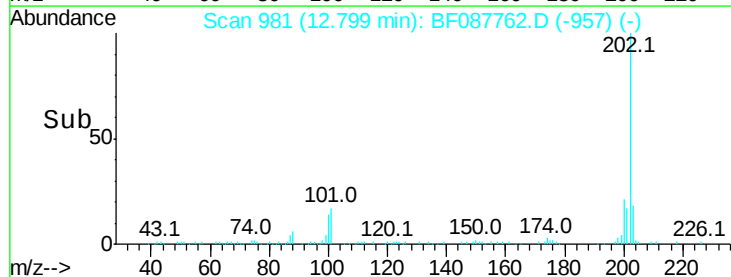
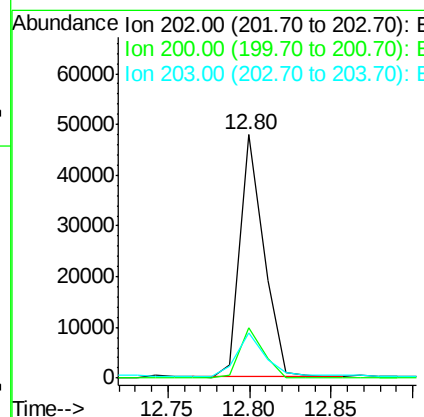
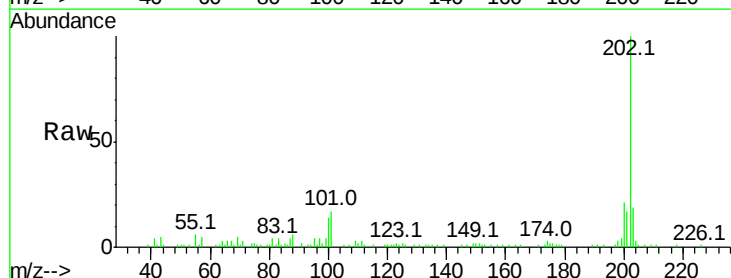
RT: 12.80 min Scan# 981

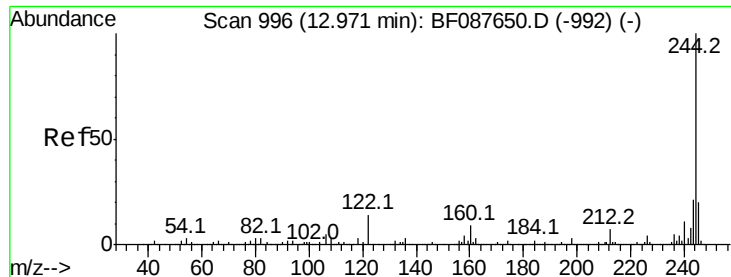
Delta R.T. -0.02 min

Lab File: BF087762.D

Acq: 6 Jun 2016 20:18

Tgt Ion:	202	Resp:	47640
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.7	14.5	21.7





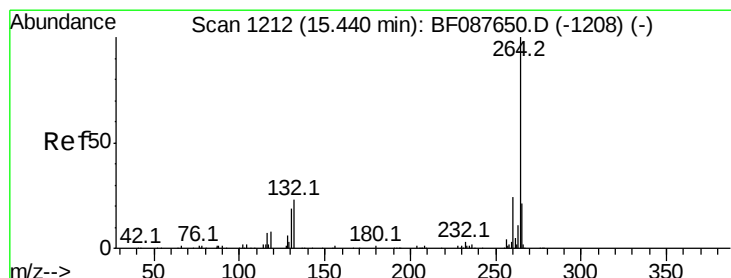
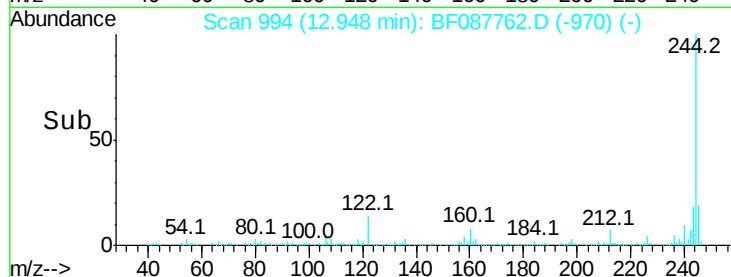
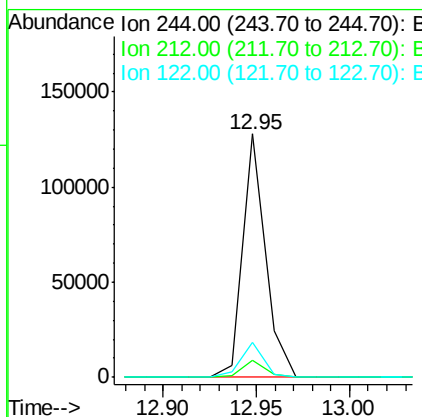
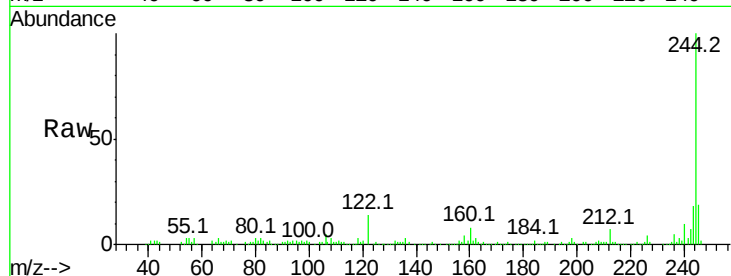
#78
 Terphenyl-d14
 Concen: 10.40 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF087762.D
 Acq: 6 Jun 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	11.2	16.8

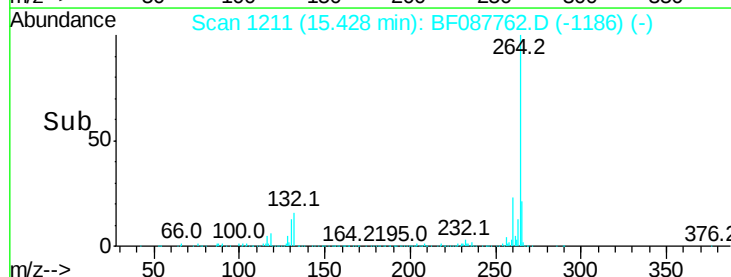
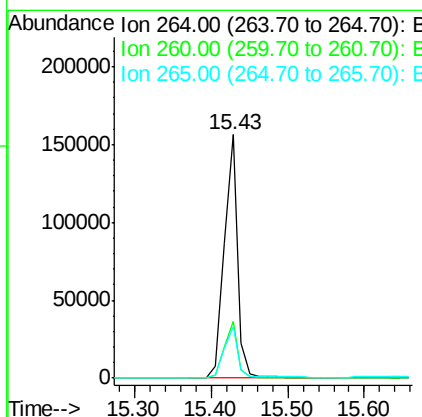
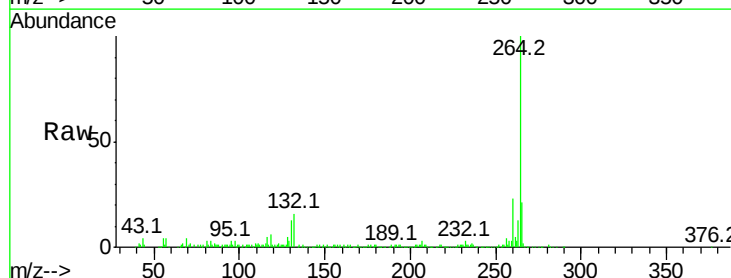
Manual Integrations
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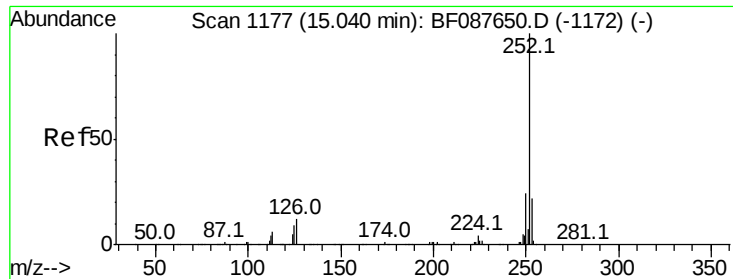
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF087762.D
 Acq: 6 Jun 2016 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 2.05 ng m

RT: 15.02 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF087762.D

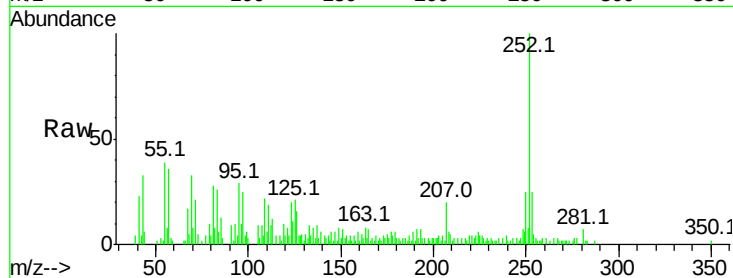
Acq: 6 Jun 2016 20:18

Instrument :

BNA_F

ClientSampleId :

U5-B4(6-12)C



Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	21.3	7.1	10.7

Manual Integrations
APPROVED

sohil
6/7/2016 7:22:26 PM

