

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087540.D
 Acq On : 30 May 2016 7:24
 Operator : UM/SJ
 Sample : H3303-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-12

Manual Integrations
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Quant Time: May 31 13:07:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	70917	20.00	ng	0.02
21) Naphthalene-d8	9.54	136	274815	20.00	ng	0.03
38) Acenaphthene-d10	12.50	164	155951m	20.00	ng	0.17
63) Phenanthrene-d10	14.86	188	155623	20.00	ng	0.11
75) Chrysene-d12	18.46	240	243435	20.00	ng	0.01
86) Perylene-d12	20.14	264	202398	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	562510	139.38	ng	0.00
7) Phenol-d6	7.03	99	763491	140.00	ng	-0.01
23) Nitrobenzene-d5	8.41	82	720743	132.18	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	98433	65.68	ng	0.15
44) 2-Fluorobiphenyl	11.43	172	496420	44.88	ng	0.14
78) Terphenyl-d14	17.12	244	638600	55.77	ng	0.02
Target Compounds						
31) Naphthalene	9.61	128	3619670	262.85	ng	# 79
37) 2-Methylnaphthalene	10.87	142	8313487	966.36	ng	# 94
45) 1,1'-Biphenyl	11.60	154	892487	67.97	ng	88
57) Fluorene	13.38	166	730015m	63.61	ng	
70) Phenanthrene	14.89	178	2212544	256.67	ng	# 95
74) Fluoranthene	16.61	202	92269	10.67	ng	74
77) Pyrene	16.89	202	164331m	9.38	ng	

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

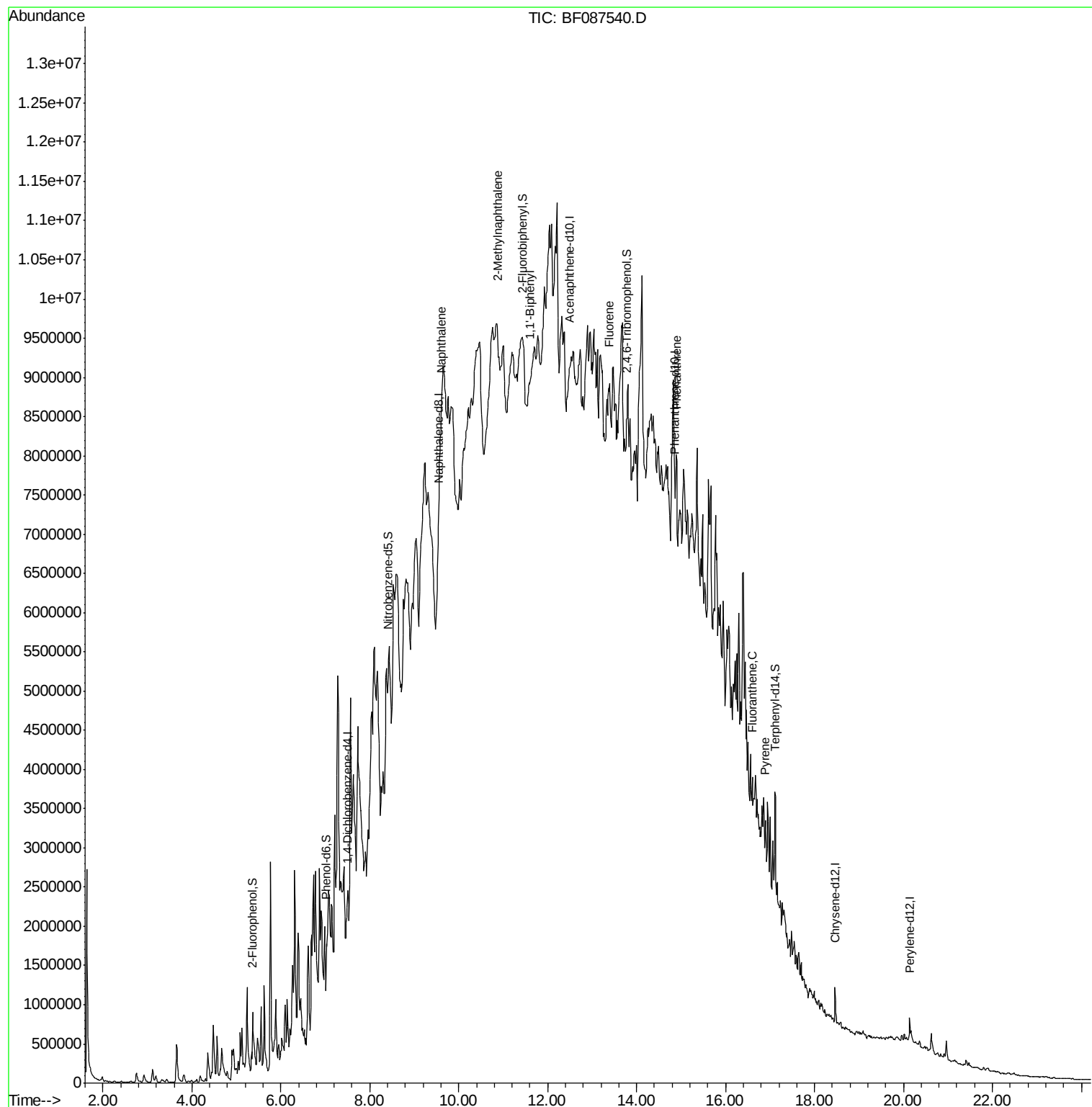
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087540.D
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Sample : H3303-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

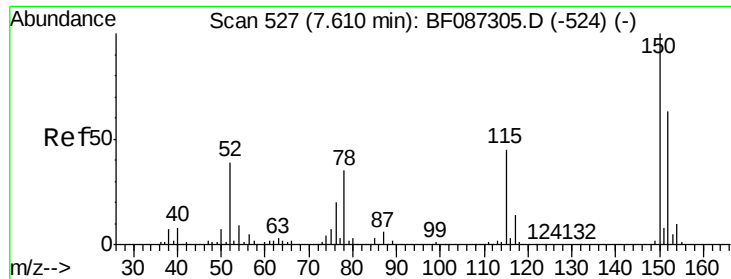
Instrument :
BNA_F
ClientSampleId :
B3-12

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Quant Time: May 31 13:07:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

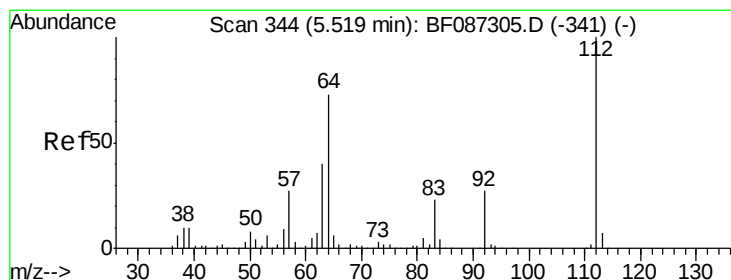
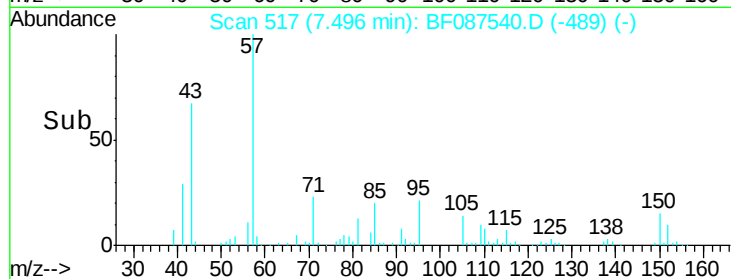
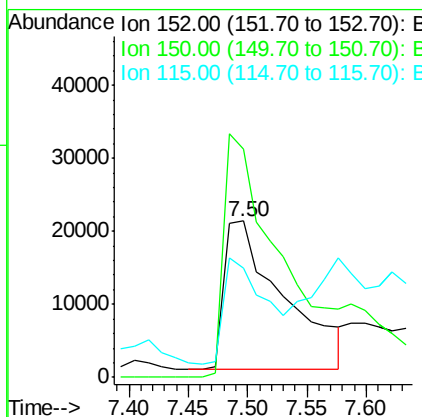
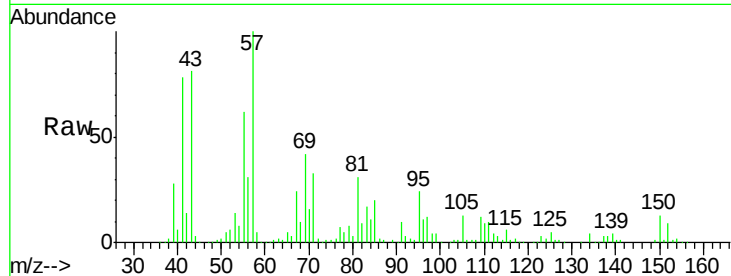
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.02 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampleId :
B3-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	125.8	188.6
115	69.8	51.5	77.3

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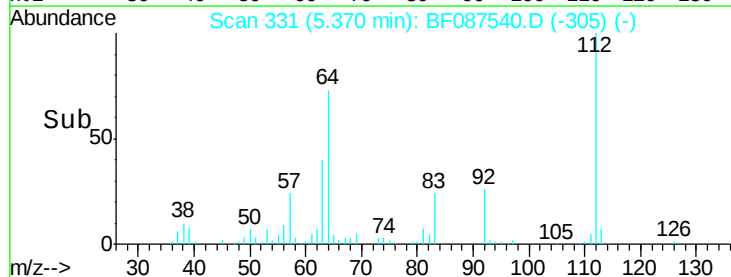
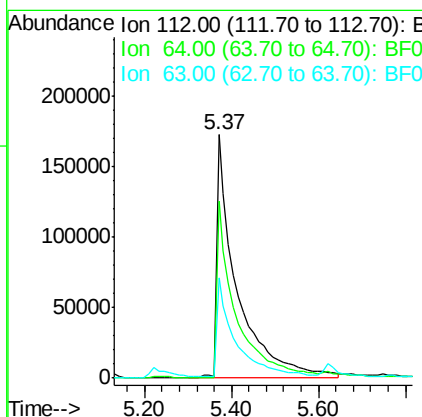
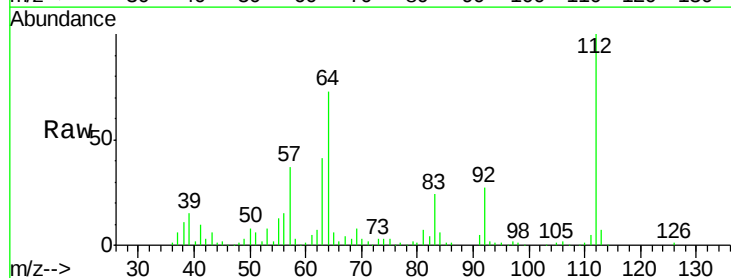
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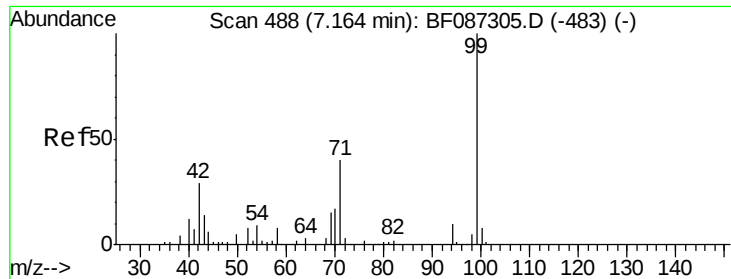


#5

2-Fluorophenol
Concen: 139.38 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	52.1	78.1
63	41.2	25.7	38.5





#7

Phenol-d6

Concen: 140.00 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Instrument :

BNA_F

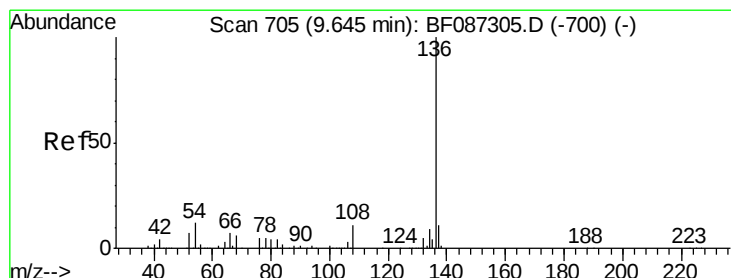
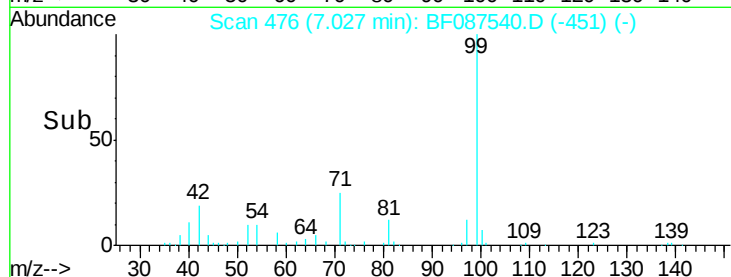
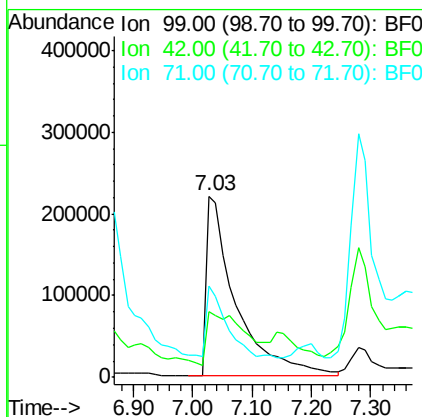
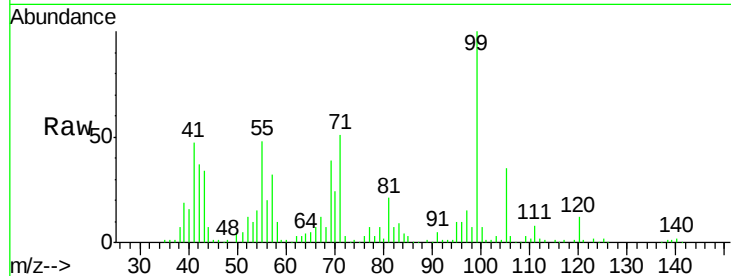
ClientSampleId :

B3-12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		763491		
42	36.5	13.6	20.4#		
71	50.5	24.6	36.8#		

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#21

Naphthalene-d8

Concen: 20.00 ng

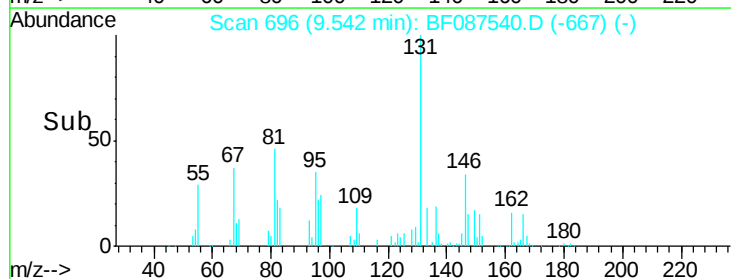
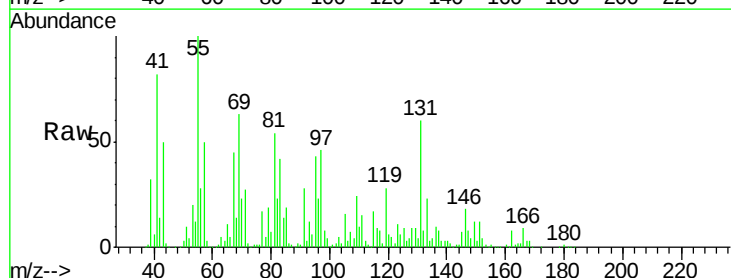
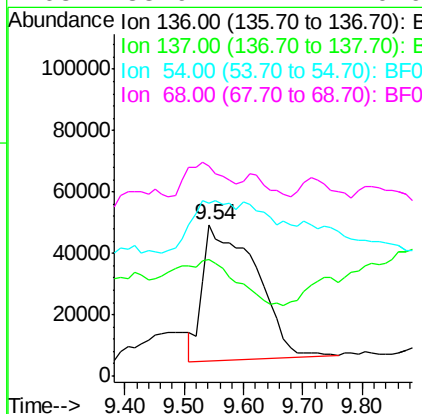
RT: 9.54 min Scan# 696

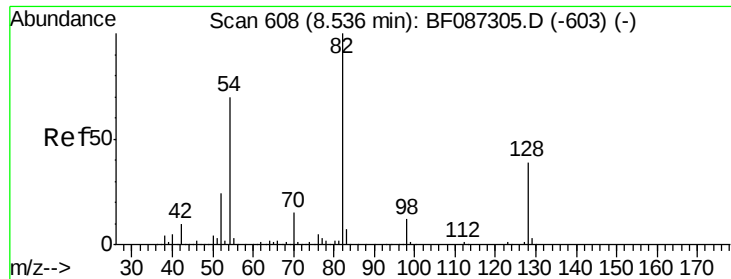
Delta R.T. 0.03 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		274815		
137	77.2	8.8	13.2#		
54	114.1	5.0	7.4#		
68	138.9	4.4	6.6#		





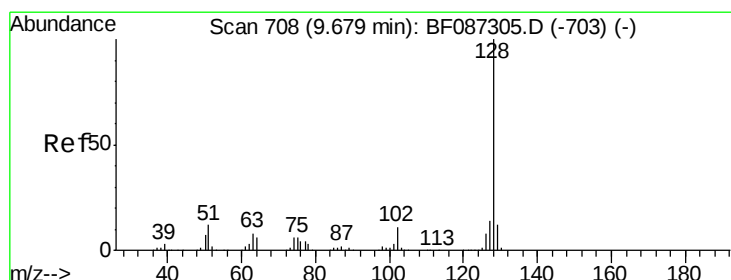
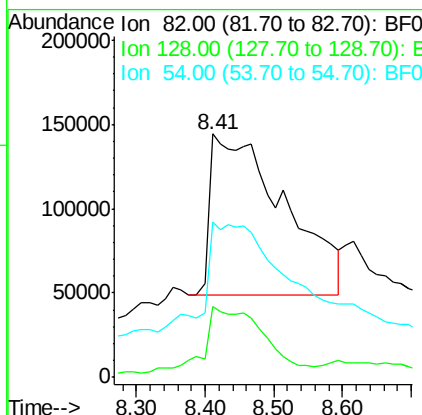
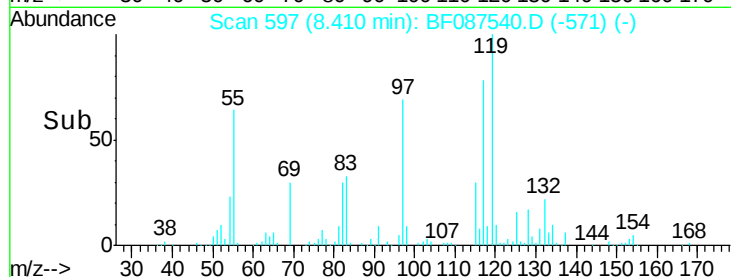
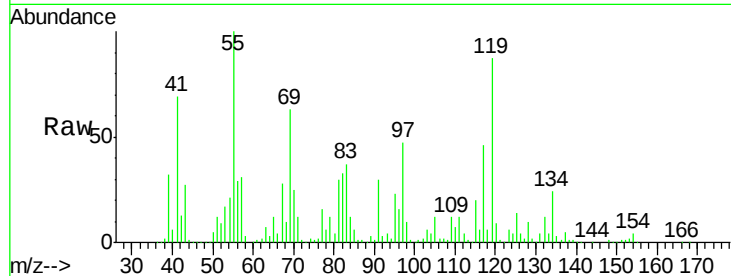
#23
Nitrobenzene-d5
Concen: 132.18 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampled :
B3-12

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.3	40.6	61.0#
54	64.0	38.1	57.1#

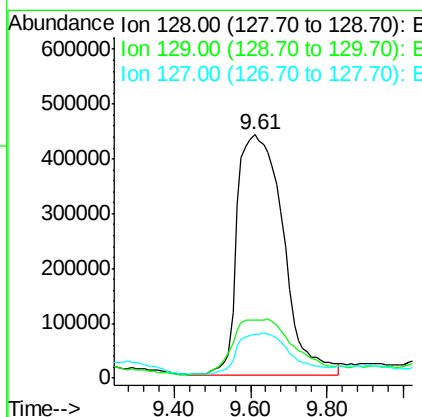
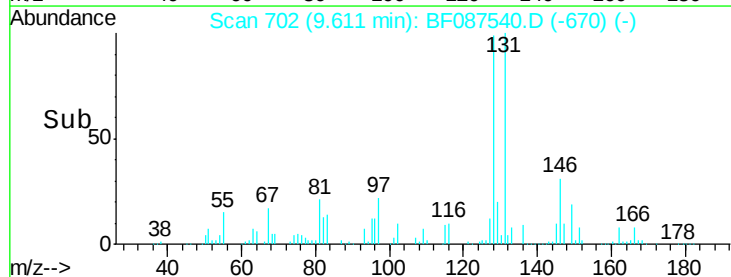
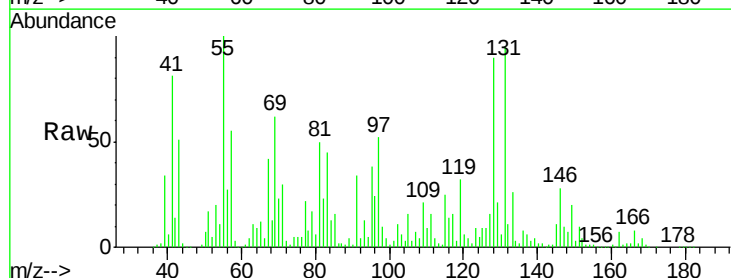
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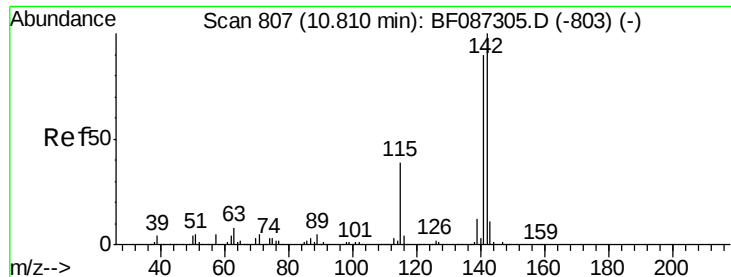
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#31
Naphthalene
Concen: 262.85 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.07 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	23.6	8.6	13.0#
127	18.0	10.8	16.2#





#37

2-Methylnaphthalene

Concen: 966.36 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.21 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Instrument :

BNA_F

ClientSampleId :

B3-12

Tot Ion:142 Resp: 8313487

Ion Ratio Lower Upper

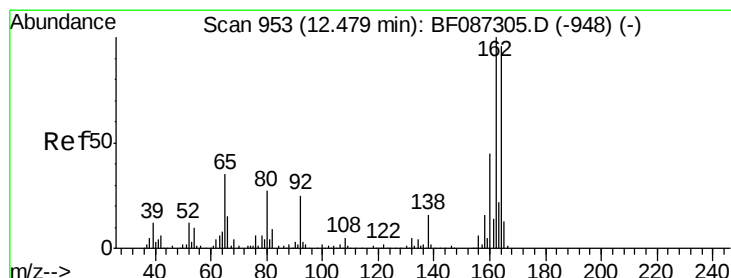
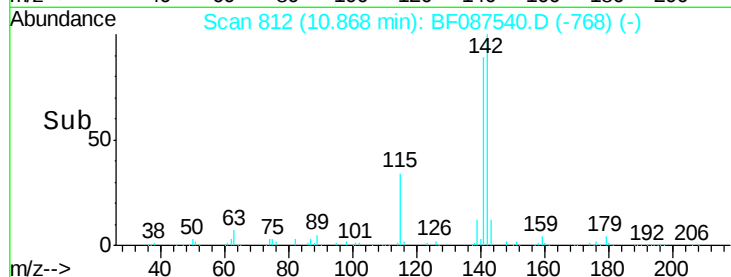
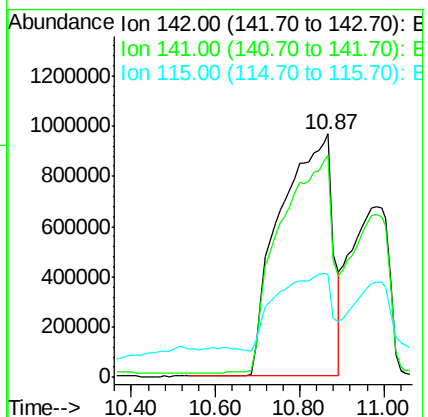
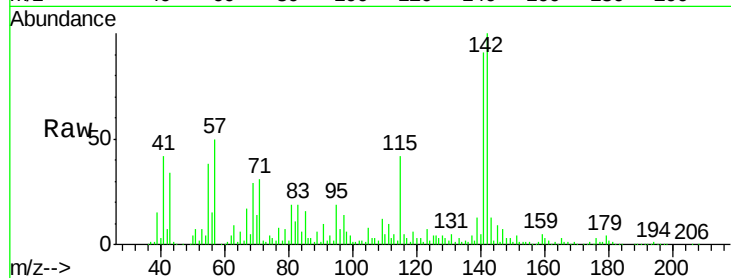
142 100

141 90.9 71.0 106.6

115 42.0 26.6 39.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng m

RT: 12.50 min Scan# 955

Delta R.T. 0.17 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

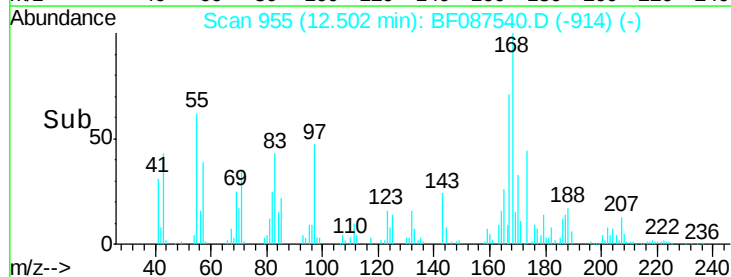
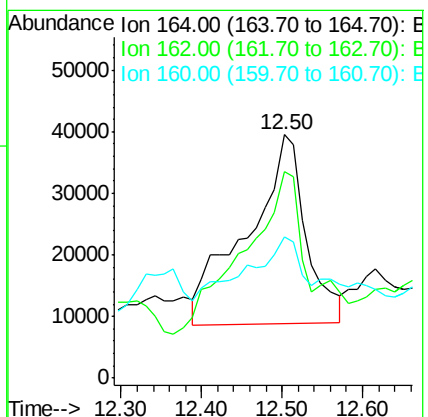
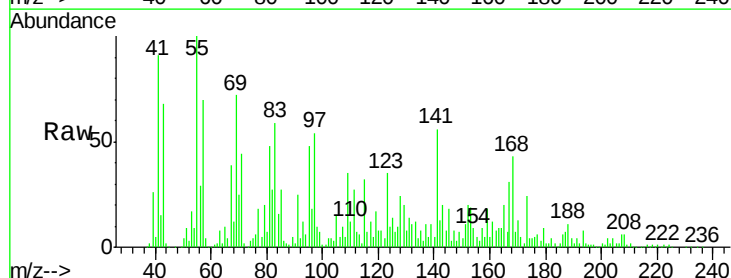
Tgt Ion:164 Resp: 155951

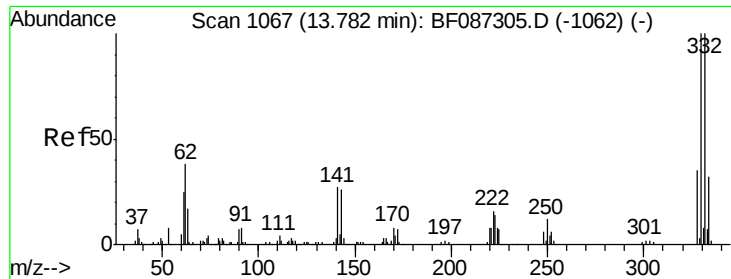
Ion Ratio Lower Upper

164 100

162 84.8 82.8 124.2

160 57.8 36.9 55.3#





#41

2,4,6-Tribromophenol

Concen: 65.68 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.15 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Instrument :

BNA_F

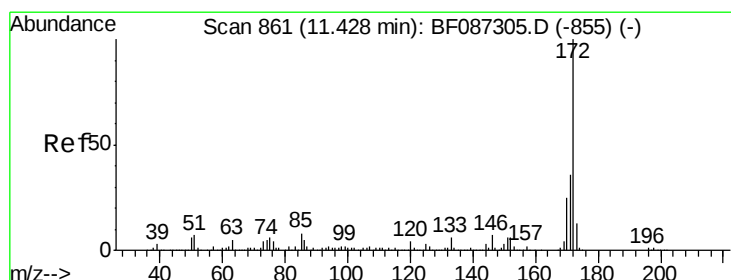
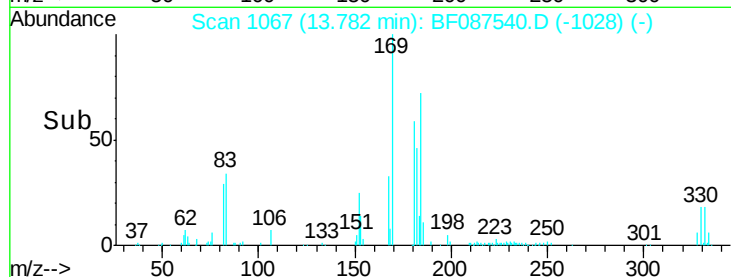
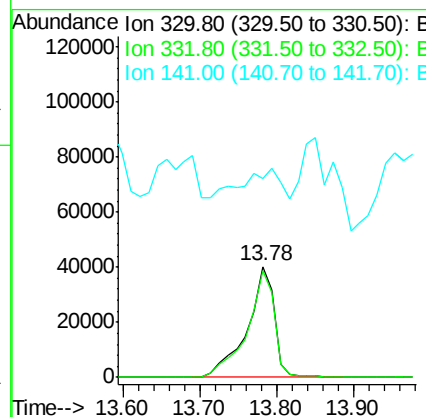
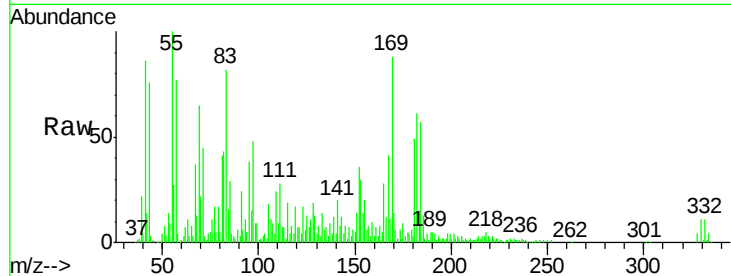
ClientSampled :

B3-12

Tot Ion:	330	Resp:	98433
Ion Ratio	Lower	Upper	
330	100		
332	97.2	79.0	118.4
141	72.0	31.2	46.8#

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#44

2-Fluorobiphenyl

Concen: 44.88 ng

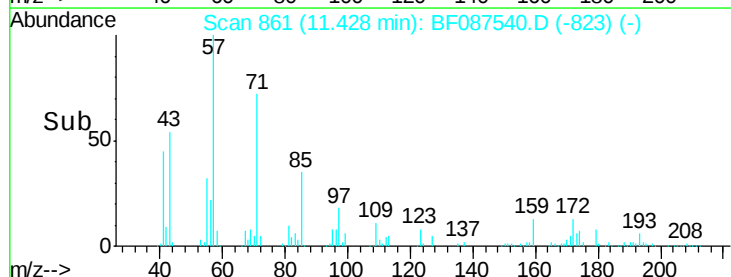
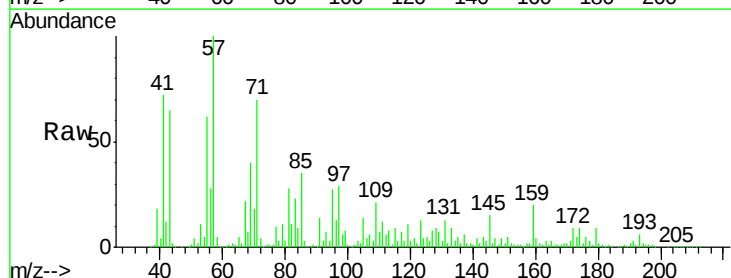
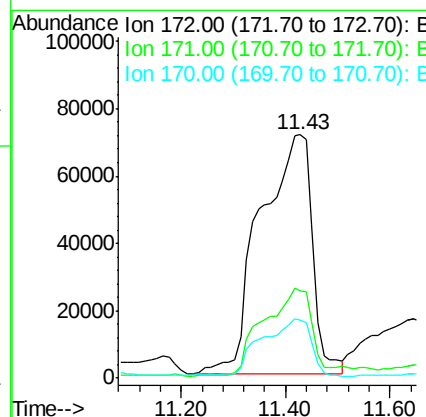
RT: 11.43 min Scan# 861

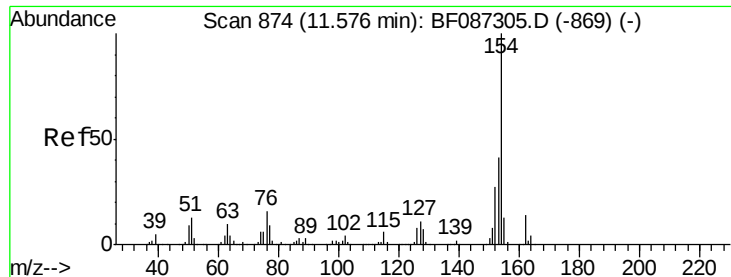
Delta R.T. 0.14 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Tgt Ion:	172	Resp:	496420
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	23.7	19.8	29.8





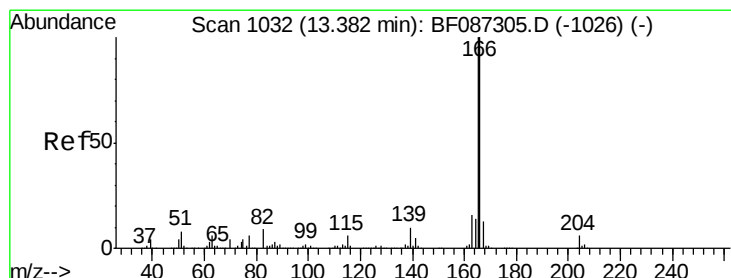
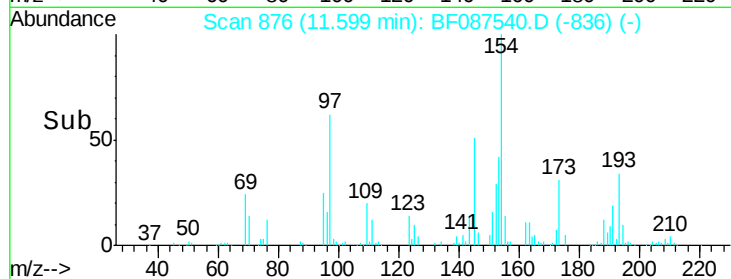
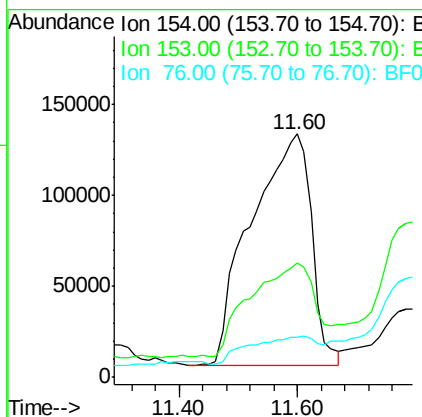
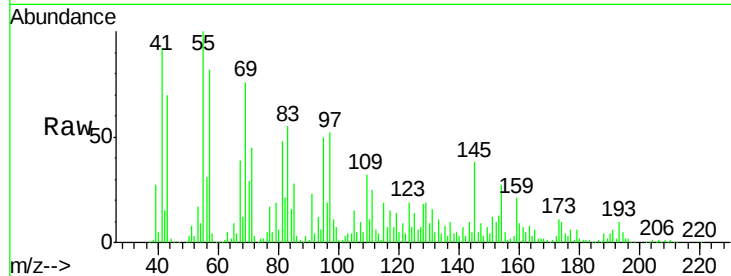
#45
1,1'-Biphenyl
Concen: 67.97 ng
RT: 11.60 min Scan# 876
Delta R.T. 0.16 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampleId :
B3-12

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	47.0	20.3	60.3	
76	16.7	0.0	30.2	

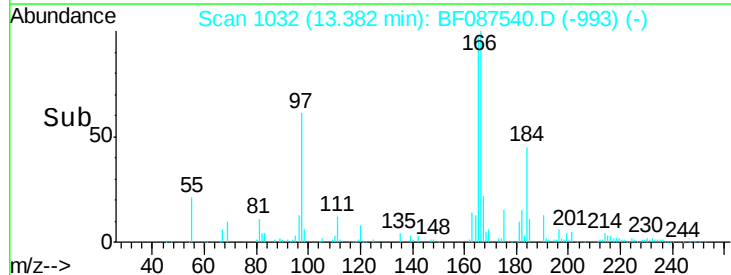
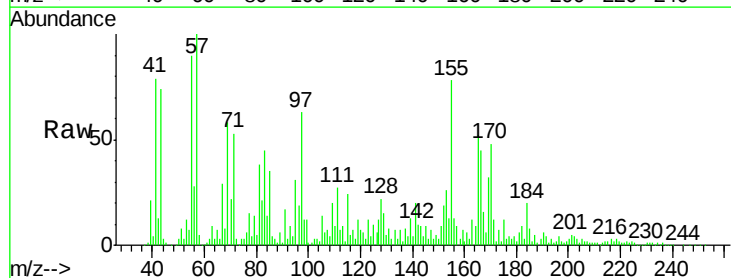
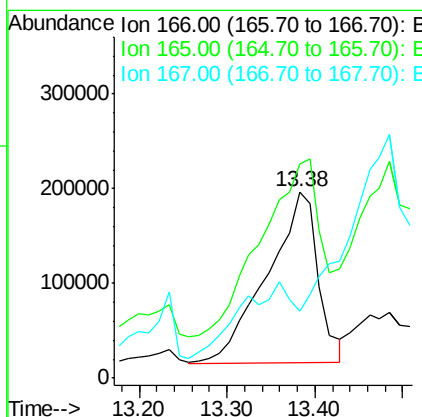
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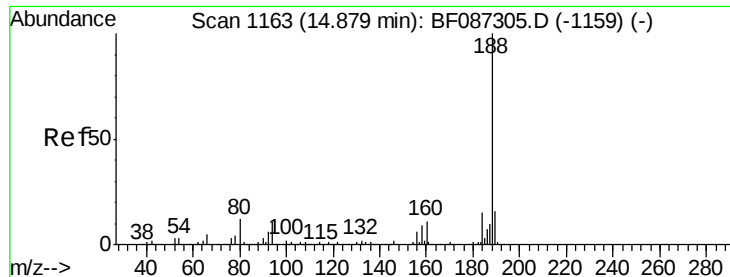
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#57
Fluorene
Concen: 63.61 ng m
RT: 13.38 min Scan# 1032
Delta R.T. 0.15 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	115.0	79.0	118.6	
167	35.8	10.6	15.8#	





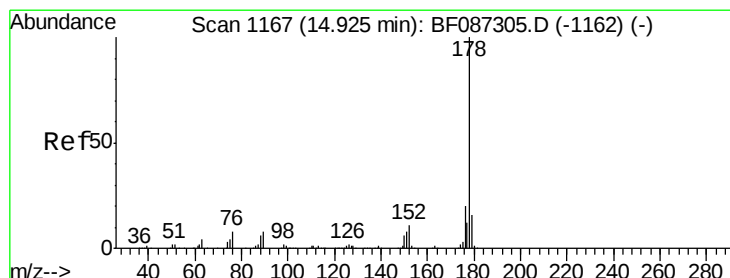
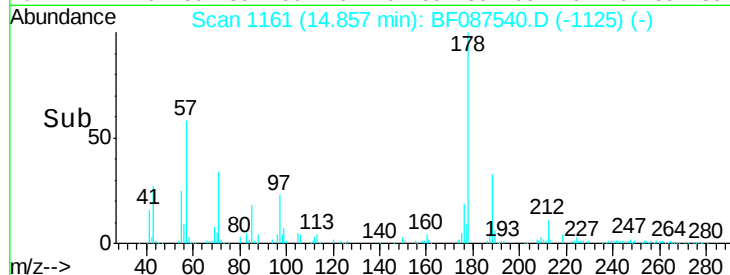
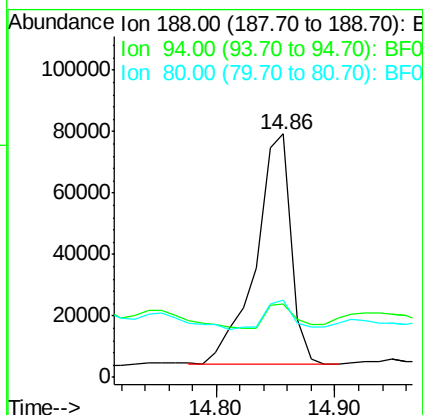
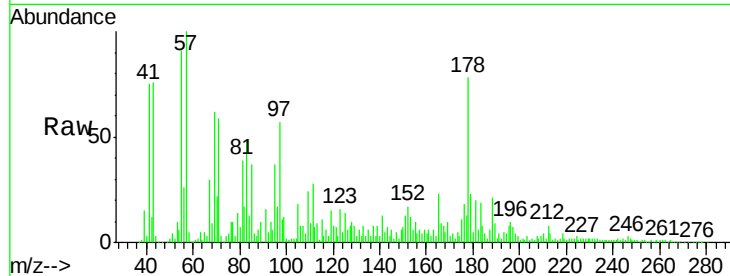
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.11 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampleId :
B3-12

Tot Ion	Ratio	Resp	Lower	Upper
188	100	155623		
94	30.3	6.8	10.2#	
80	32.0	7.1	10.7#	

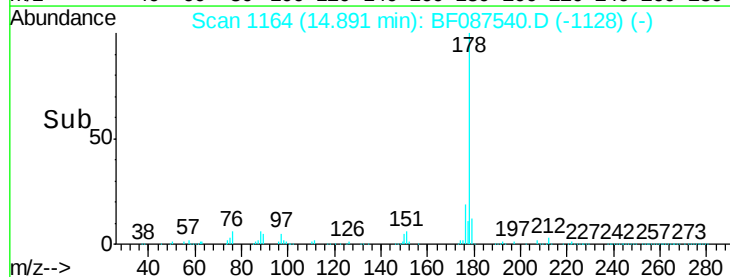
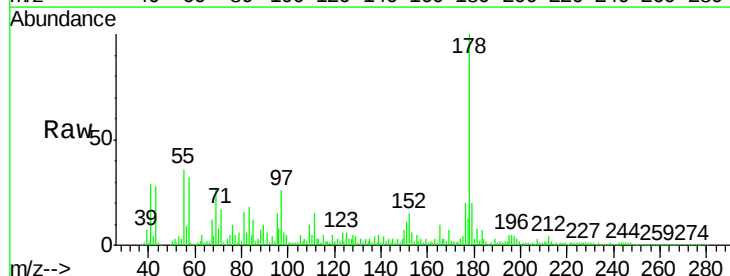
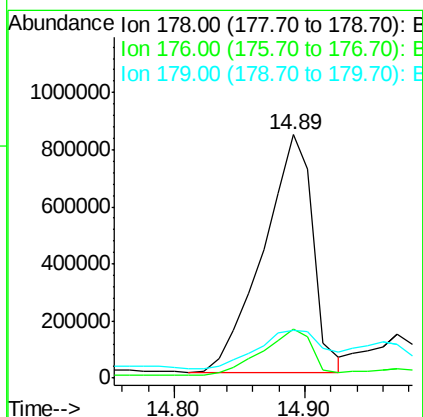
Manual Integrations
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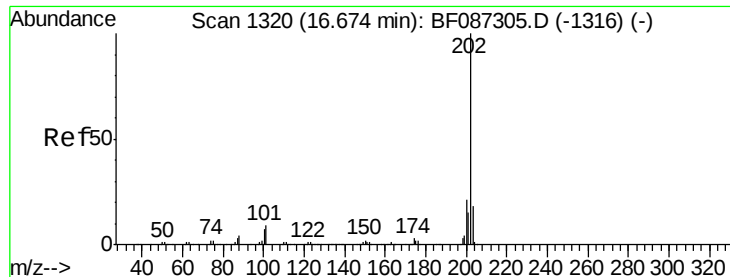
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#70
Phenanthrene
Concen: 256.67 ng
RT: 14.89 min Scan# 1164
Delta R.T. 0.11 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2212544		
176	20.2	16.0	24.0	
179	19.9	12.6	18.8#	





#74

Fluoranthene

Concen: 10.67 ng

RT: 16.61 min Scan# 1314

Delta R.T. 0.06 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Instrument :

BNA_F

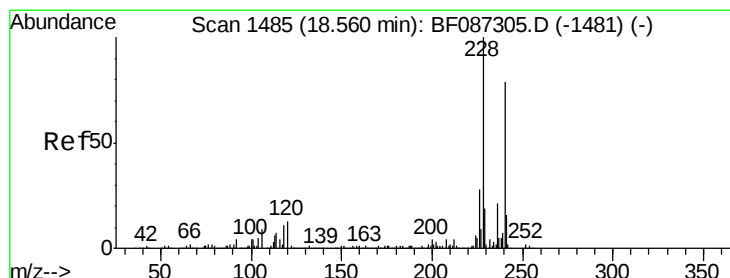
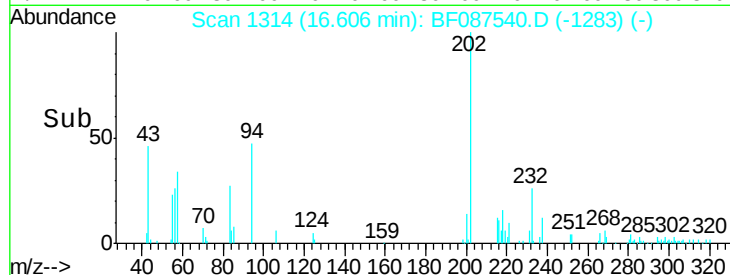
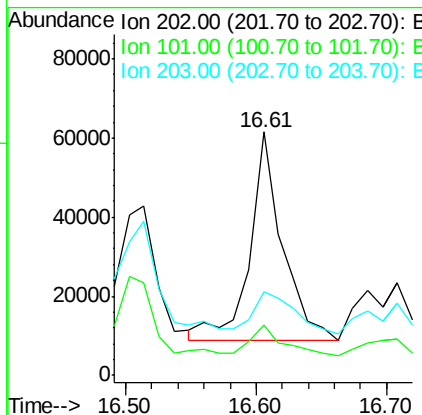
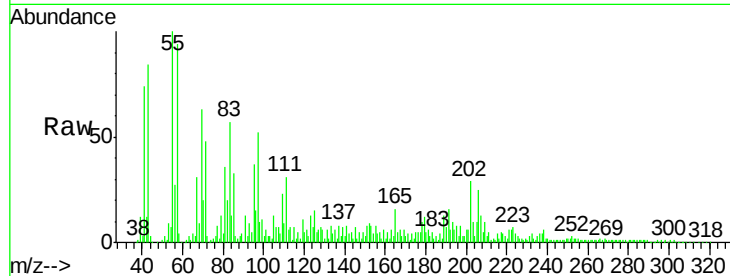
ClientSampleId :

B3-12

Tot Ion:	202	Resp:	92269
Ion Ratio	Lower	Upper	
202	100		
101	20.8	0.0	35.4
203	34.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

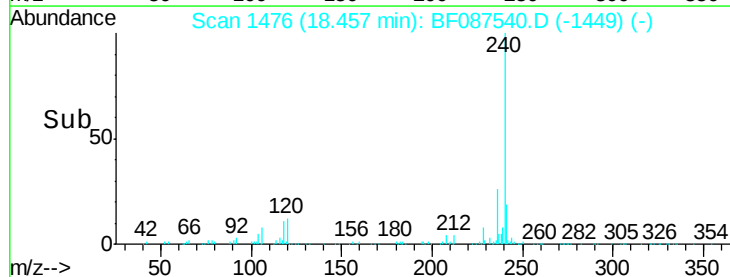
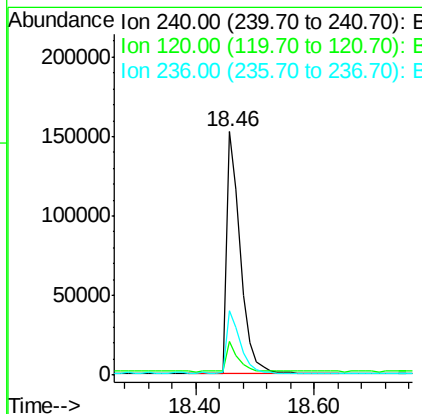
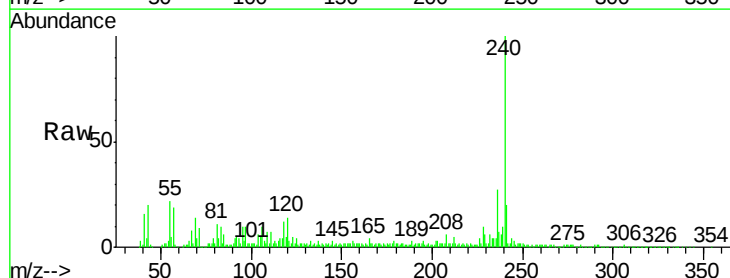
RT: 18.46 min Scan# 1476

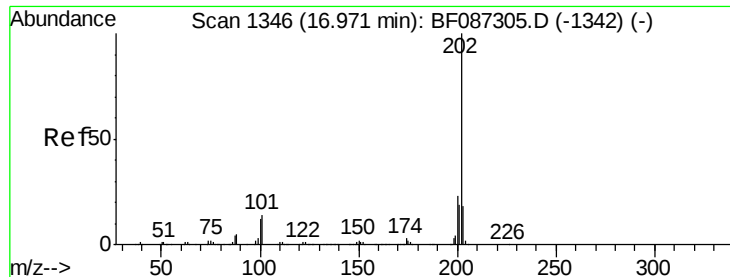
Delta R.T. 0.01 min

Lab File: BF087540.D

Acq: 30 May 2016 7:24

Tgt Ion:	240	Resp:	243435
Ion Ratio	Lower	Upper	
240	100		
120	13.6	11.2	16.8
236	26.6	21.2	31.8





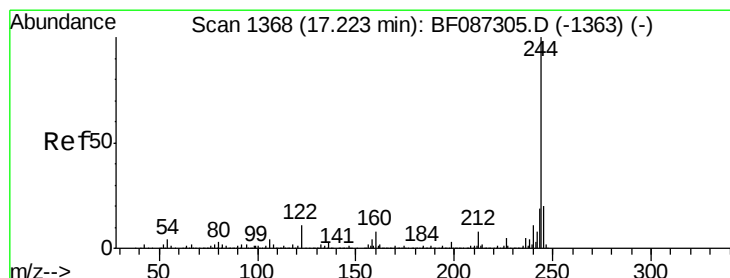
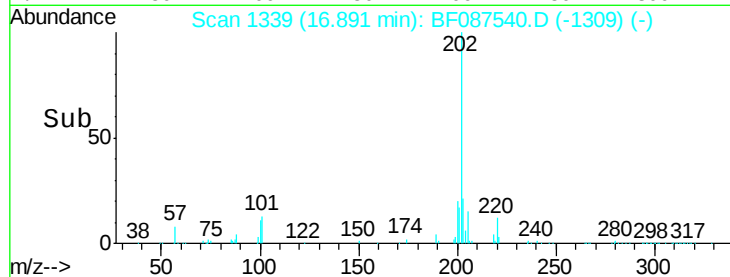
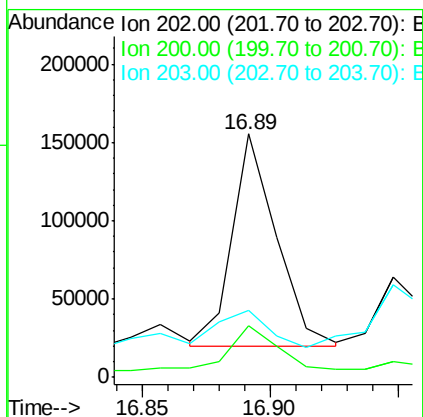
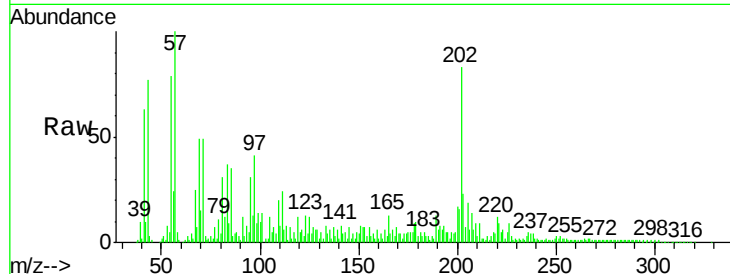
#77
Pvrene
Concen: 9.38 ng/mL
RT: 16.89 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampleId :
B3-12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.0	17.7	26.5		
203	27.6	14.2	21.4		

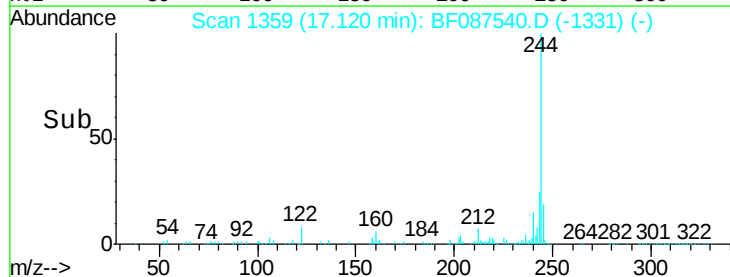
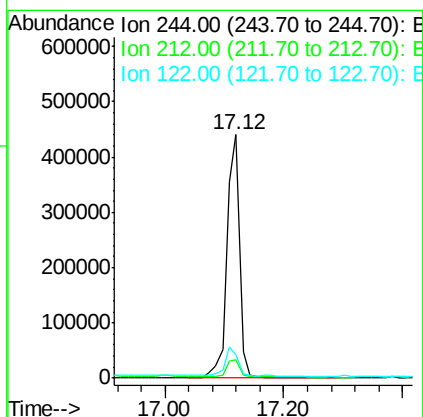
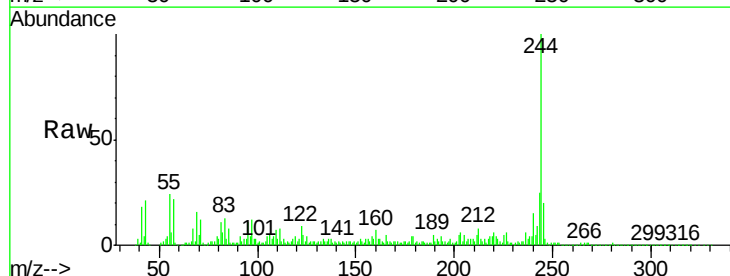
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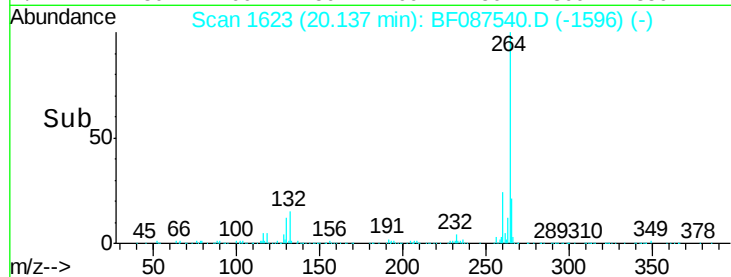
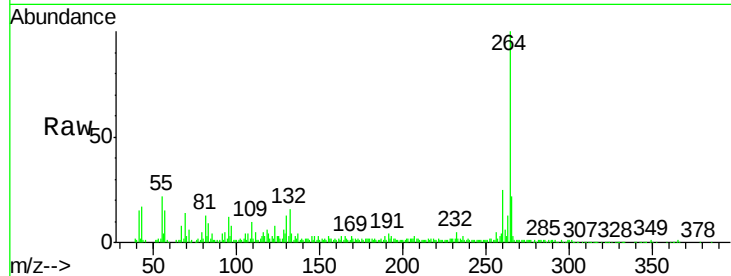
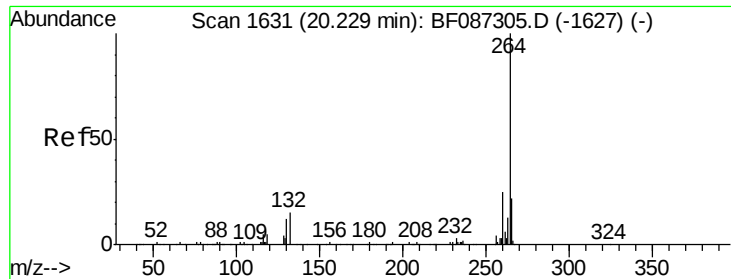
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#78
Terphenyl-d14
Concen: 55.77 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.02 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.7	6.2	9.2		
122	9.4	12.0	18.0		





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BF087540.D
Acq: 30 May 2016 7:24

Instrument :
BNA_F
ClientSampleId :
B3-12

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.1	17.3	25.9

Manual Integrations
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