

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087645.D
 Acq On : 2 Jun 2016 13:32
 Operator : UM/SJ
 Sample : H3303-03DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-12DL

Manual Integrations
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Quant Time: Jun 02 15:25:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	82041	20.00	ng	-0.10
21) Naphthalene-d8	9.44	136	320981	20.00	ng	-0.11
38) Acenaphthene-d10	12.27	164	158122	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	274242	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	207164	20.00	ng	-0.08
86) Perylene-d12	20.09	264	170962	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	41727m	8.94	ng	0.06
7) Phenol-d6	7.07	99	43513	6.90	ng	0.00
23) Nitrobenzene-d5	8.33	82	15142	2.38	ng	-0.11
41) 2,4,6-Tribromophenol	13.60	330	7933	5.22	ng	-0.08
44) 2-Fluorobiphenyl	11.22	172	94824	8.45	ng	-0.11
78) Terphenyl-d14	17.03	244	82788	8.50	ng	-0.10
Target Compounds						
31) Naphthalene	9.47	128	587295	36.51	ng	Qvalue 98
37) 2-Methylnaphthalene	10.62	142	1665577	165.76	ng	# 94
45) 1,1'-Biphenyl	11.38	154	179688	13.50	ng	98
57) Fluorene	13.18	166	162205	13.94	ng	# 85
70) Phenanthrene	14.72	178	471868	31.06	ng	98
77) Pyrene	16.83	202	35845	2.40	ng	# 83

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

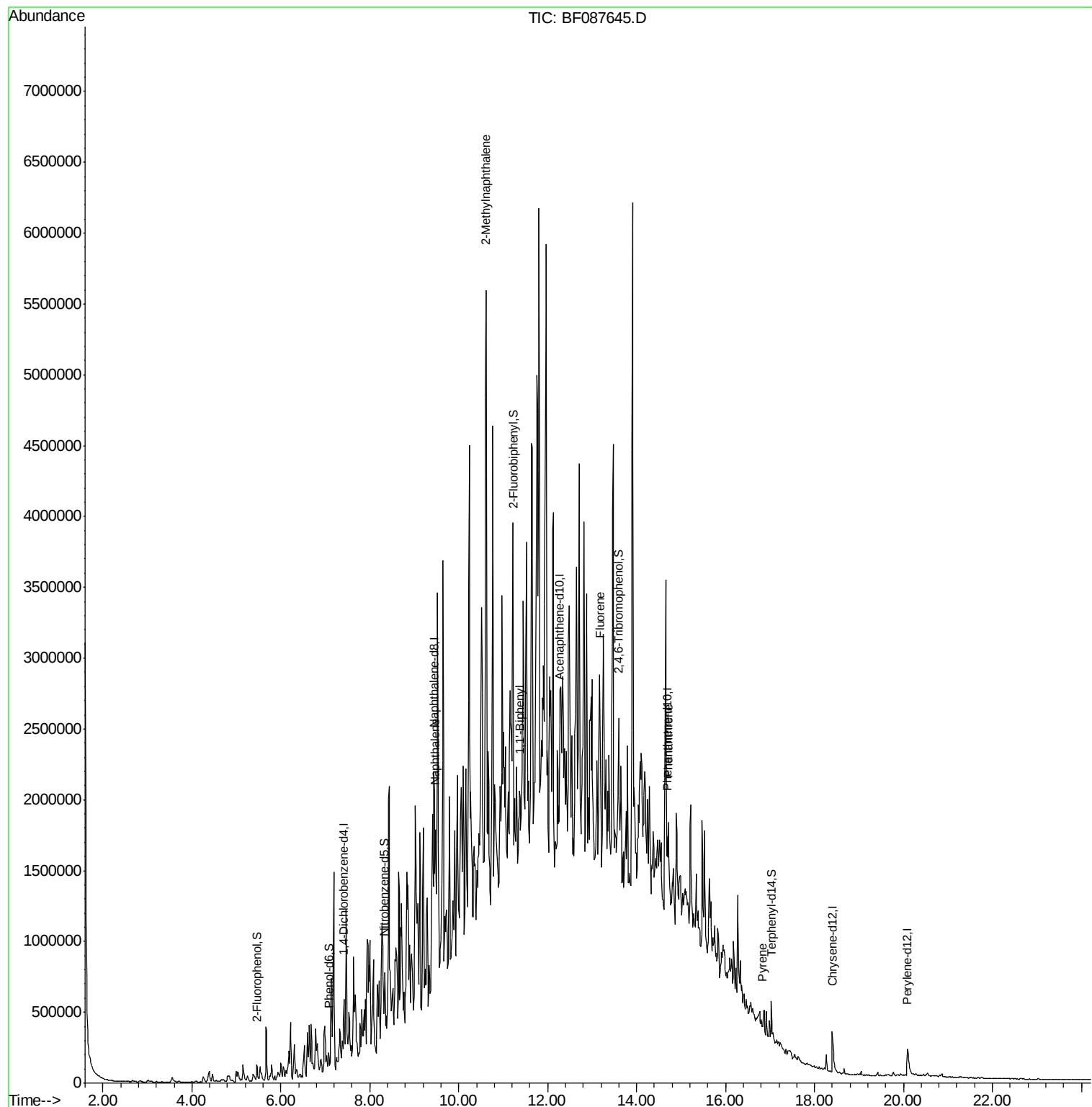
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087645.D
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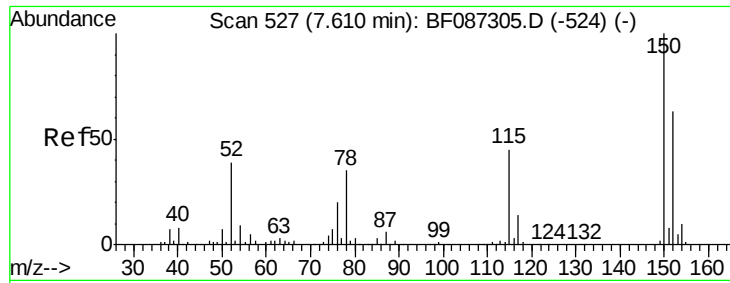
Instrument :
BNA_F
ClientSampleId :
B3-12DL

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Quant Time: Jun 02 15:25:51 2016
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#1

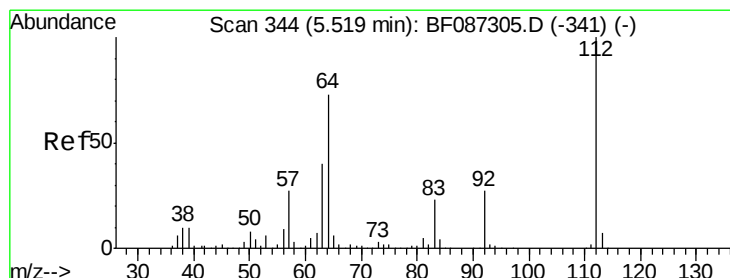
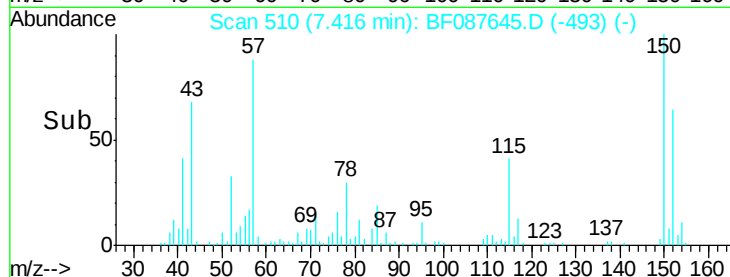
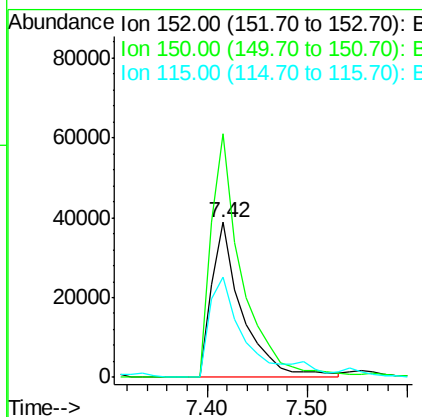
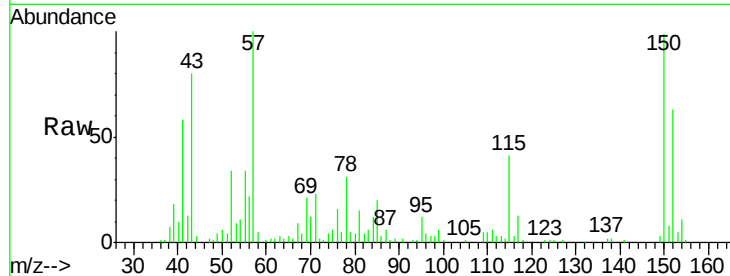
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.10 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Instrument :
BNA_F
ClientSampleId :
B3-12DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	64.8	51.5	77.3

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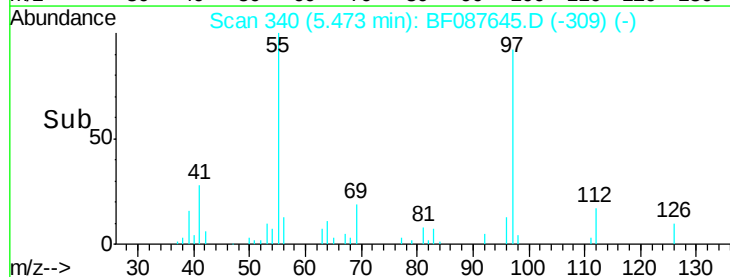
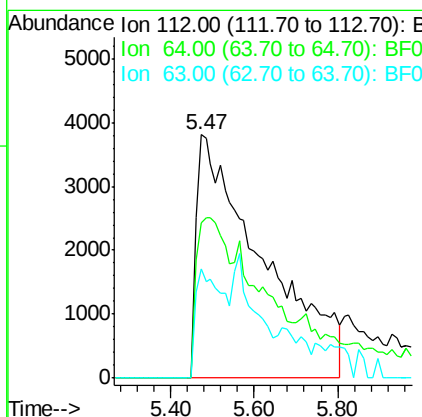
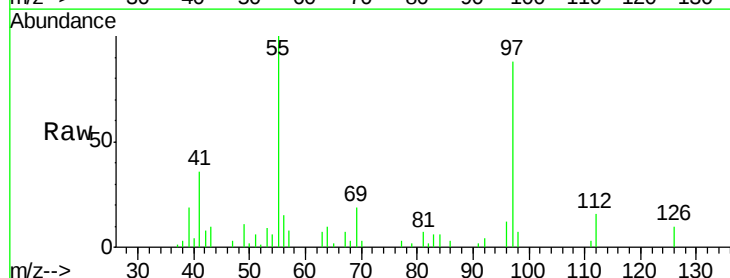
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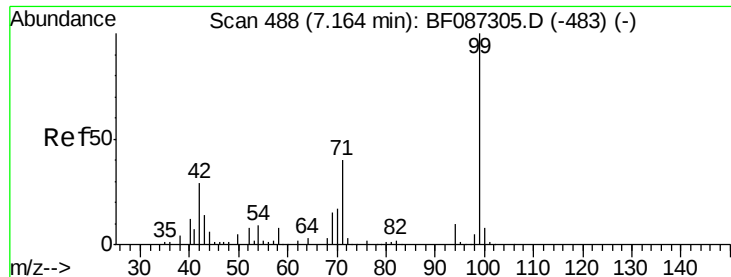


#5

2-Fluorophenol
Concen: 8.94 ng m
RT: 5.47 min Scan# 340
Delta R.T. 0.06 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	52.1	78.1
63	44.7	25.7	38.5





#7

Phenol-d6

Concen: 6.90 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087645.D

Acq: 2 Jun 2016 13:32

Instrument :

BNA_F

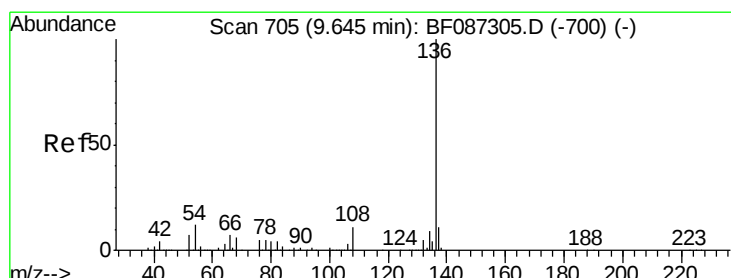
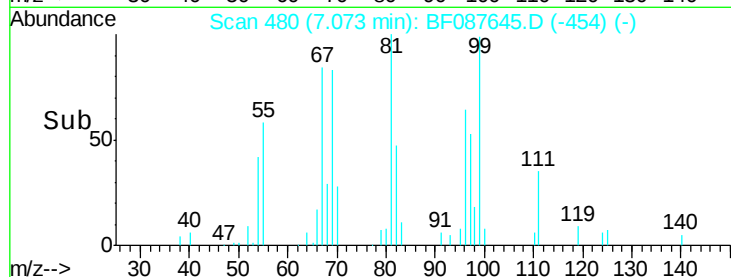
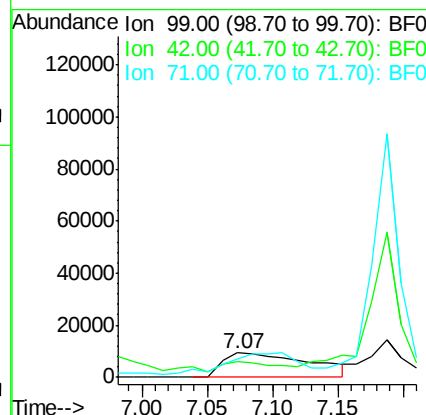
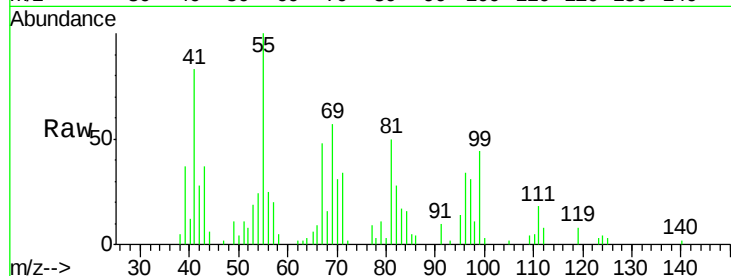
ClientSampled :

B3-12DL

Tot Ion:	99	Resp:	43513
Ion Ratio	Lower	Upper	
99	100		
42	64.8	13.6	20.4#
71	76.8	24.6	36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

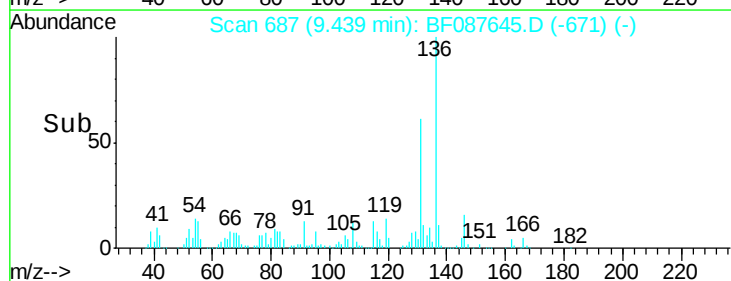
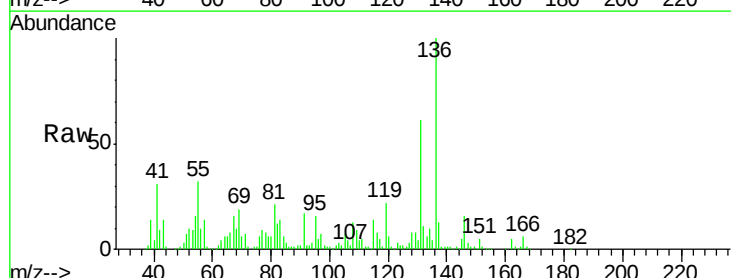
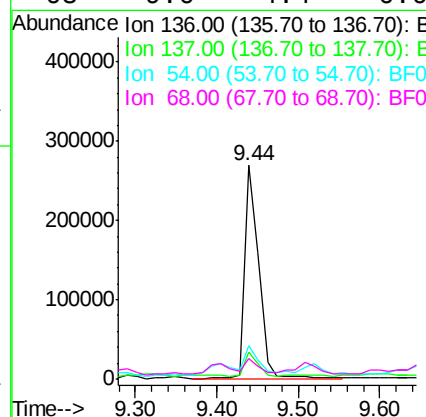
RT: 9.44 min Scan# 687

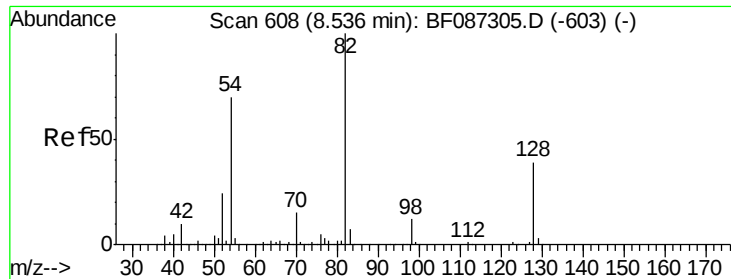
Delta R.T. -0.11 min

Lab File: BF087645.D

Acq: 2 Jun 2016 13:32

Tgt Ion:	136	Resp:	320981
Ion Ratio	Lower	Upper	
136	100		
137	12.6	8.8	13.2
54	15.7	5.0	7.4#
68	9.6	4.4	6.6#





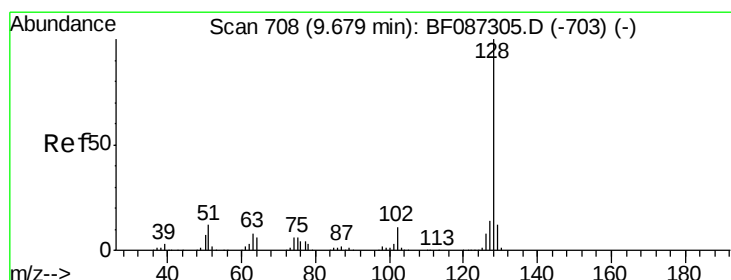
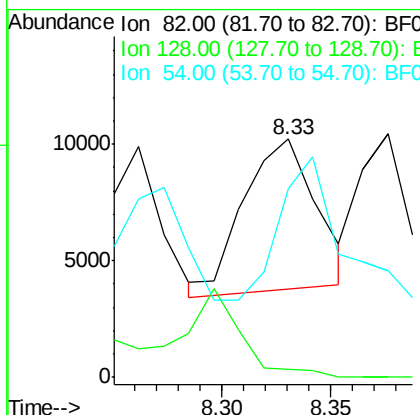
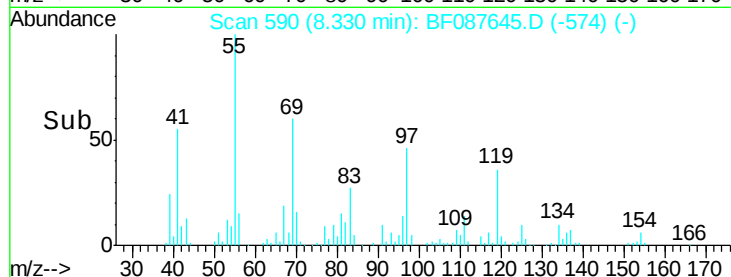
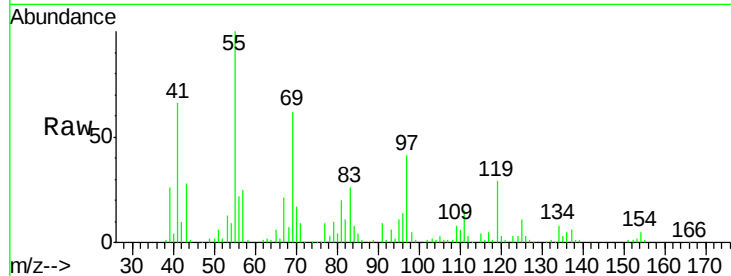
#23
Nitrobenzene-d5
Concen: 2.38 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.11 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Instrument :
BNA_F
ClientSampleId :
B3-12DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	3.6	40.6	61.0#
54	79.1	38.1	57.1#

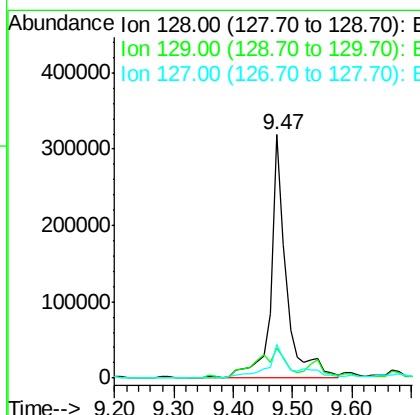
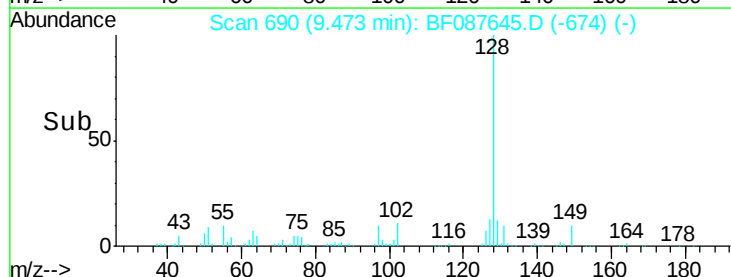
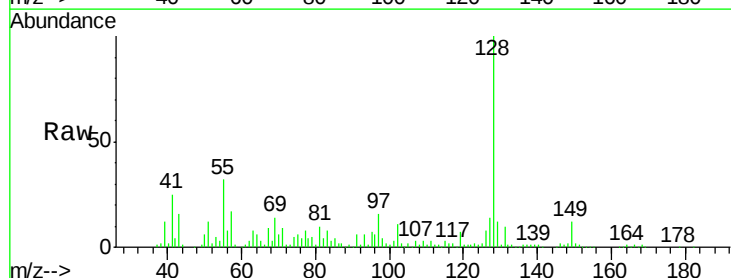
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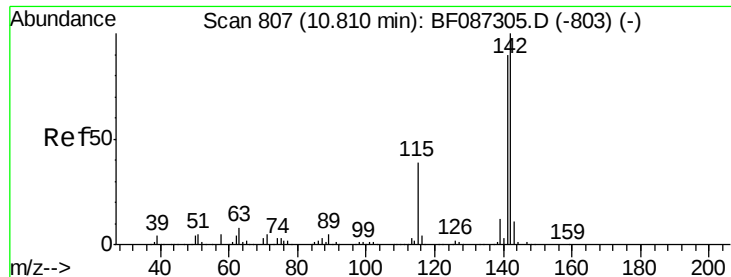
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#31
Naphthalene
Concen: 36.51 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.11 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	13.0
127	13.8	10.8	16.2





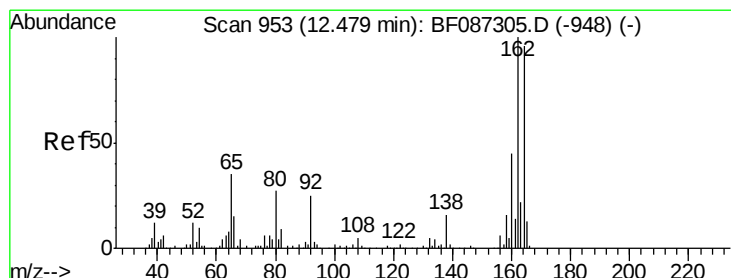
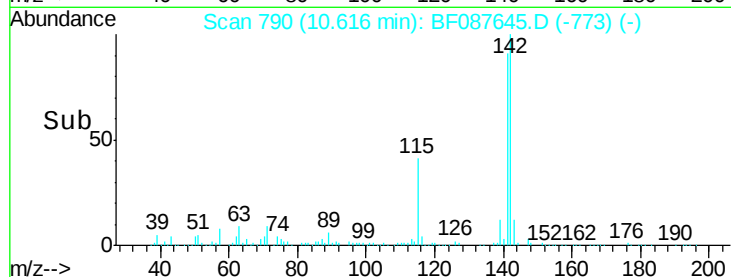
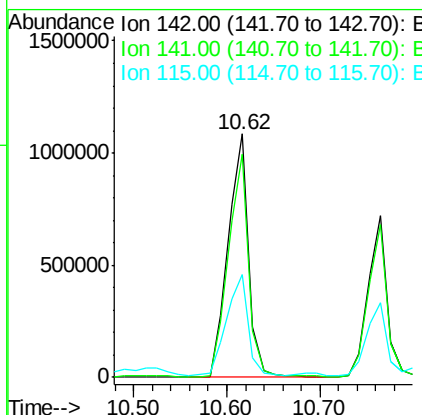
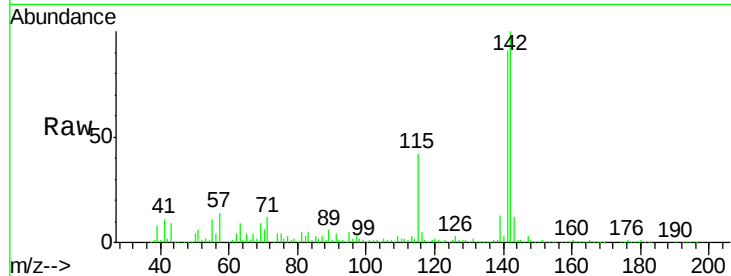
#37
2-Methylnaphthalene
Concen: 165.76 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.10 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Instrument :
BNA_F
ClientSampleId :
B3-12DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.0	106.6
115	42.2	26.6	39.8

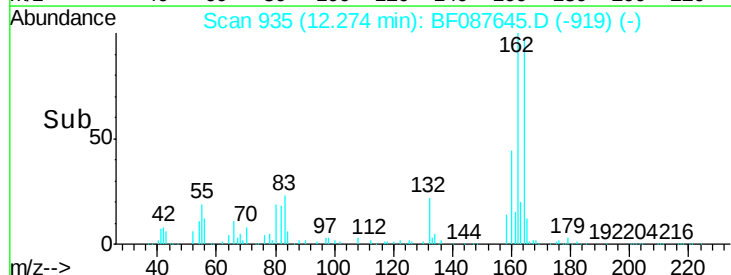
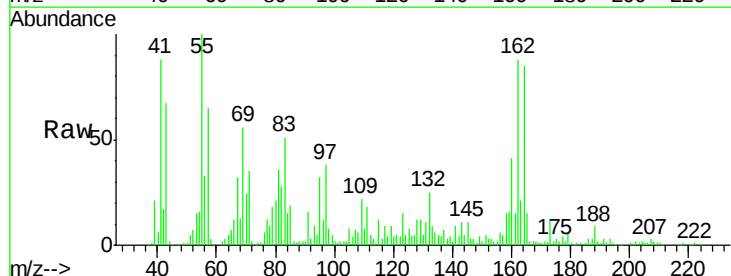
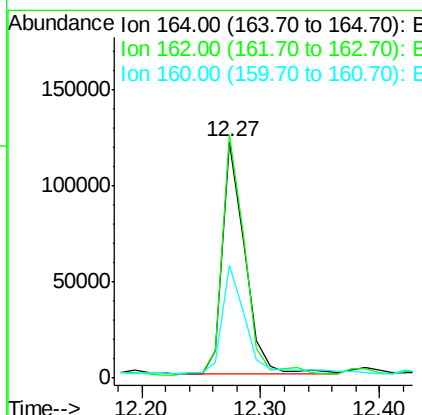
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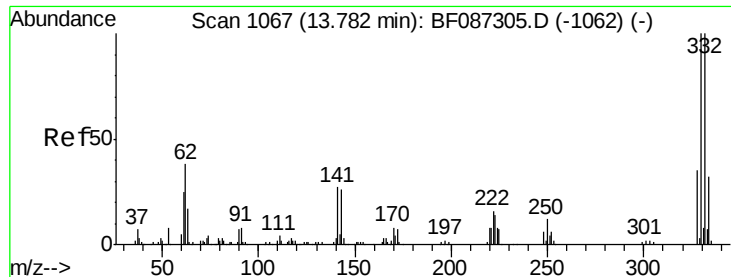
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.11 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	47.8	36.9	55.3





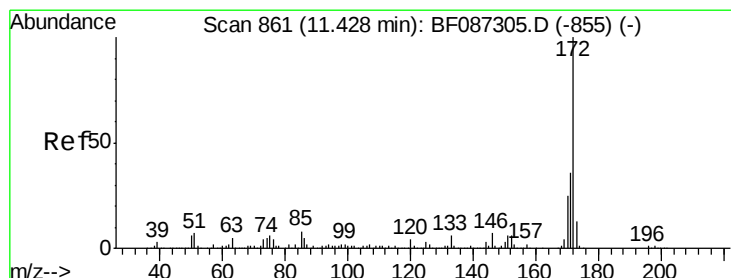
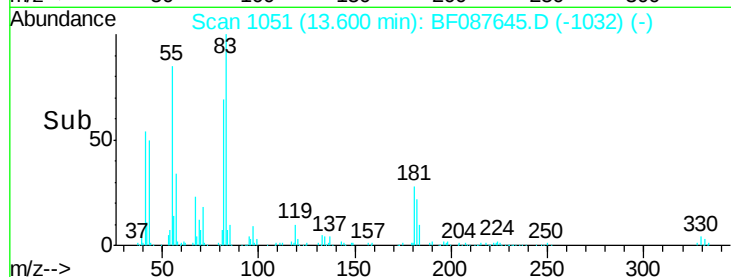
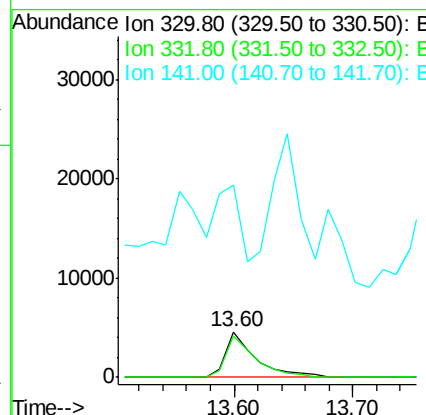
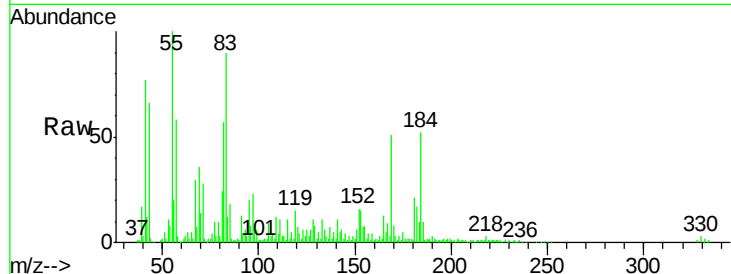
#41
 2,4,6-Tribromophenol
 Concen: 5.22 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087645.D
 Acq: 2 Jun 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 B3-12DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	79.0	118.4
141	125.7	31.2	46.8

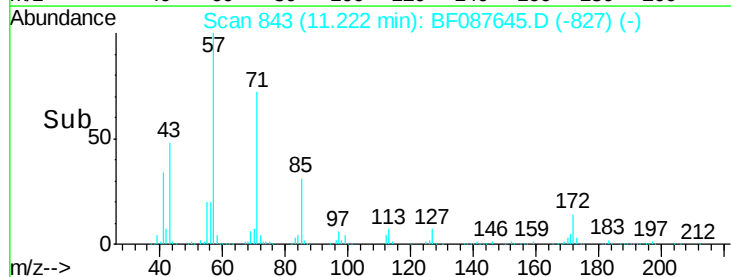
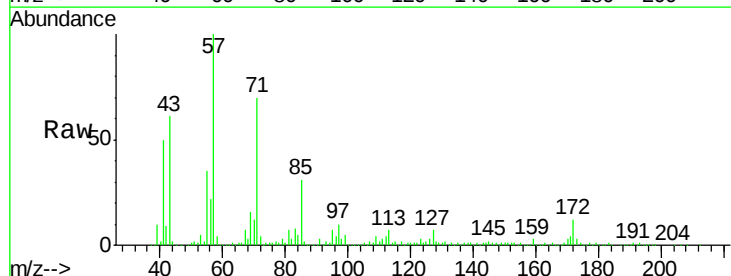
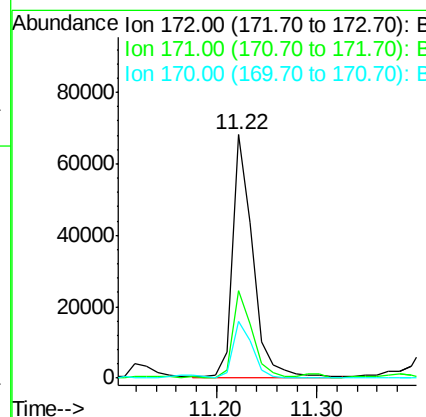
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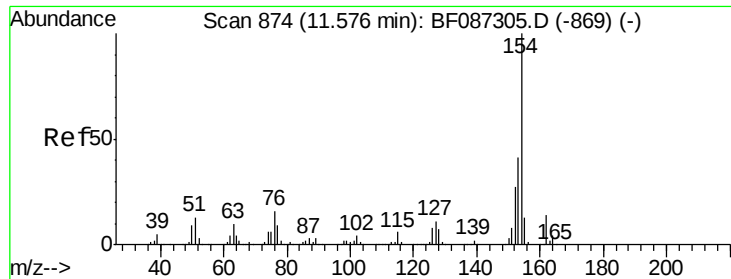
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#44
 2-Fluorobiphenyl
 Concen: 8.45 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.11 min
 Lab File: BF087645.D
 Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.3	19.8	29.8





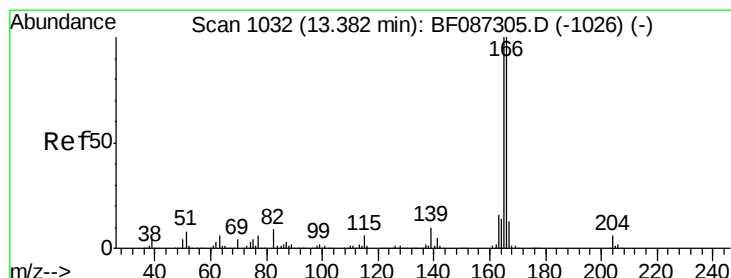
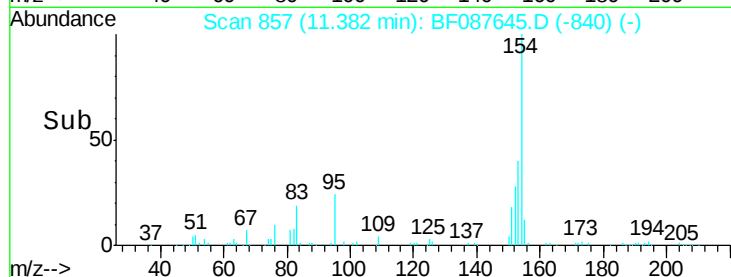
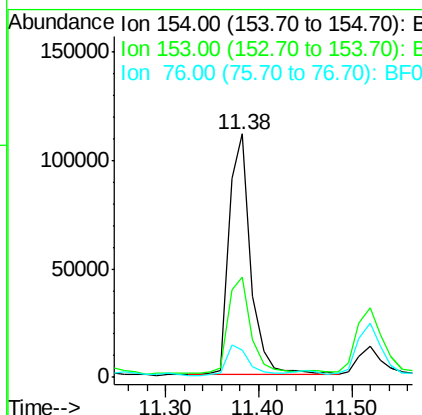
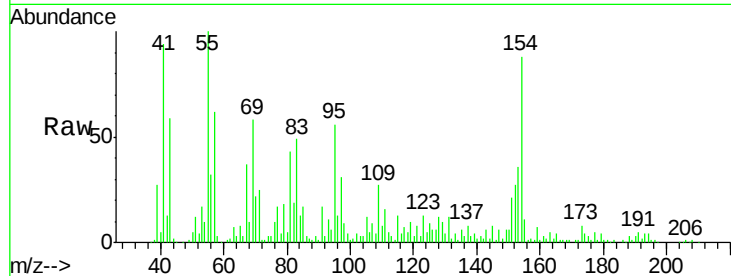
#45
1,1'-Biphenyl
Concen: 13.50 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.10 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Instrument :
BNA_F
ClientSampled :
B3-12DL

Tot Ion	Ratio	Resp	Lower	Upper
154	100	179688		
153	41.2	20.3	60.3	
76	11.1	0.0	30.2	

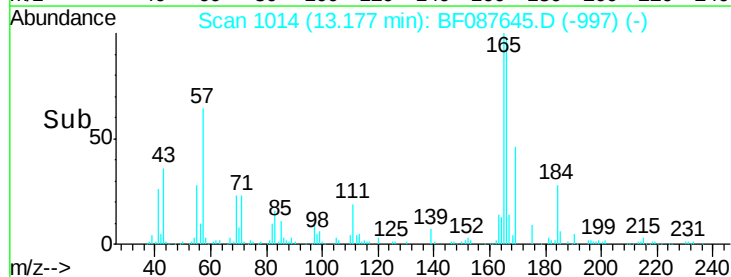
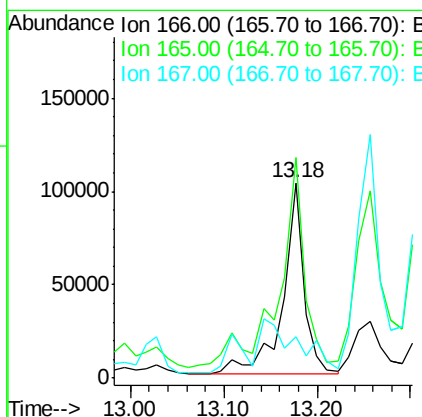
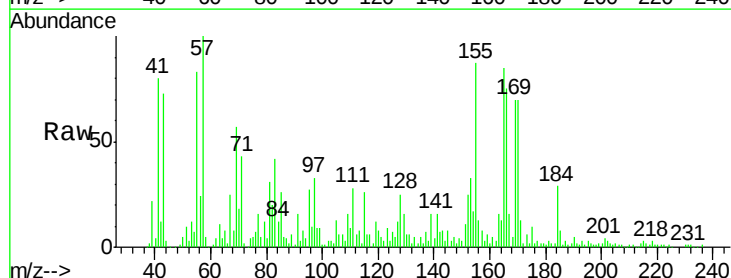
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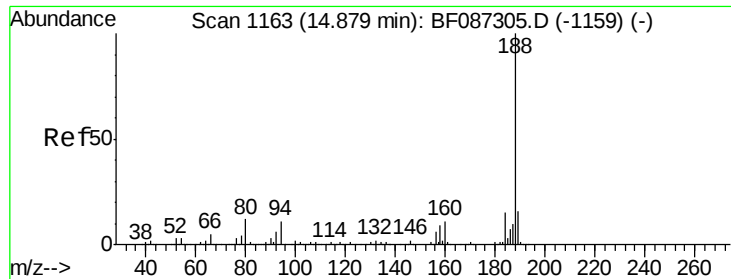
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#57
Fluorene
Concen: 13.94 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.10 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	162205		
165	112.8	79.0	118.6	
167	21.3	10.6	15.8#	





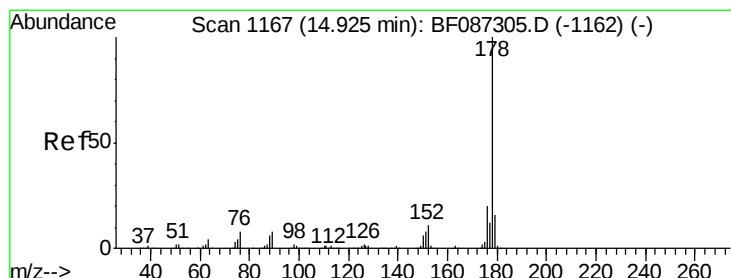
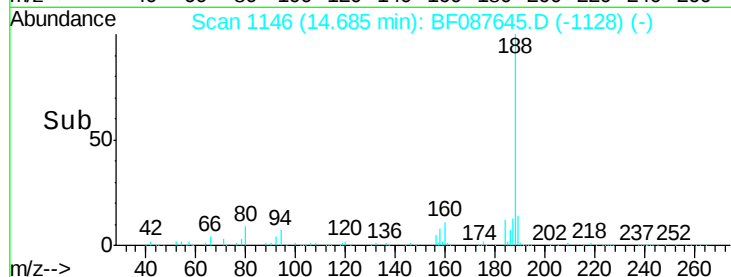
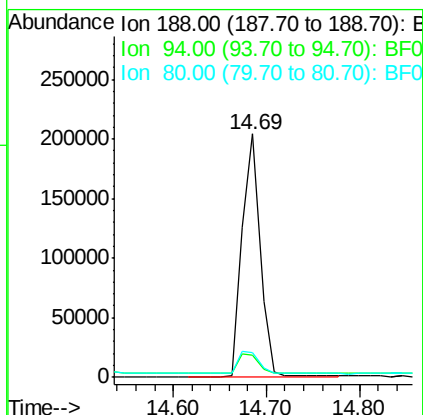
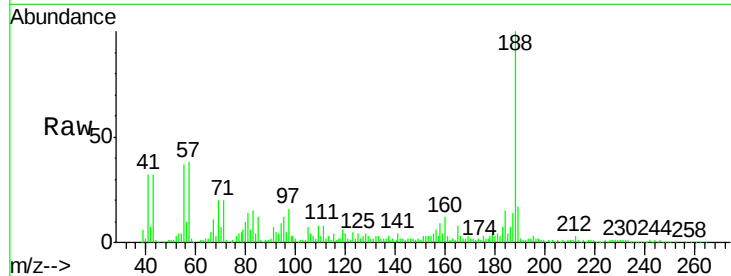
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Instrument :
BNA_F
ClientSampleId :
B3-12DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	274242		
94	9.1	6.8	10.2	
80	10.4	7.1	10.7	

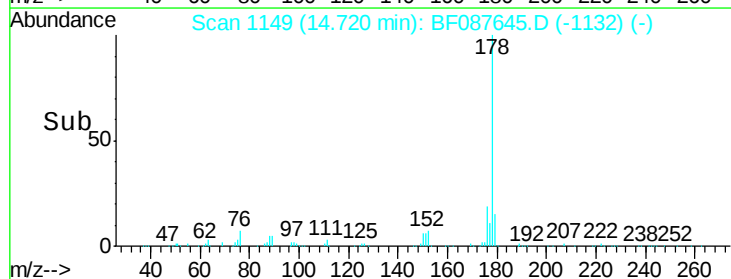
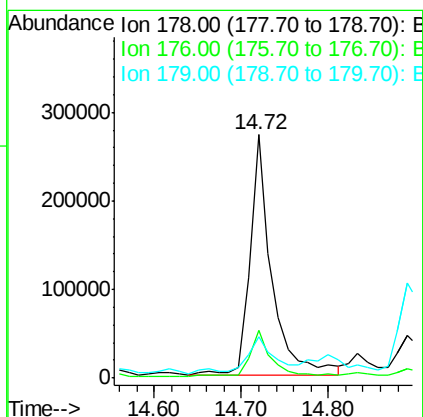
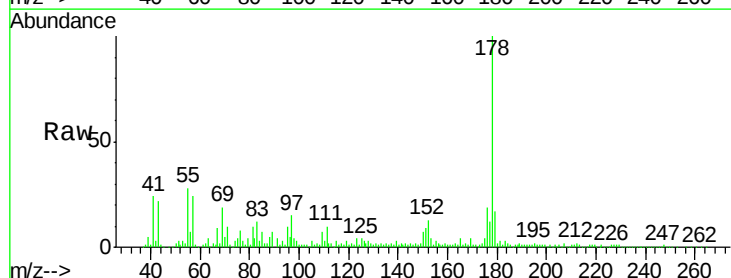
Manual Integrations
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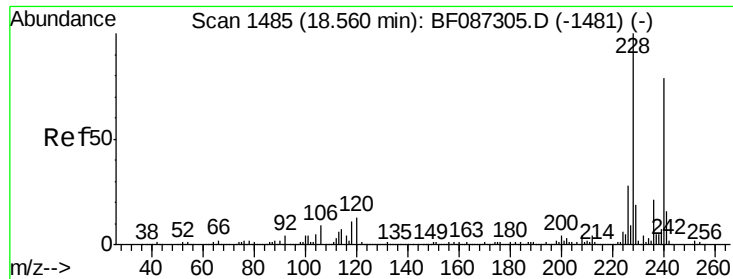
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#70
Phenanthrene
Concen: 31.06 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.10 min
Lab File: BF087645.D
Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	471868		
176	19.4	16.0	24.0	
179	17.2	12.6	18.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.08 min

Lab File: BF087645.D

Acq: 2 Jun 2016 13:32

Instrument :

BNA_F

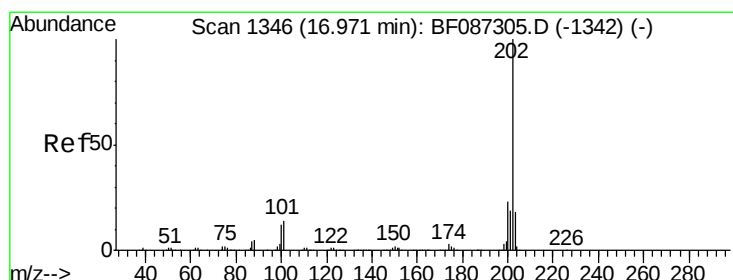
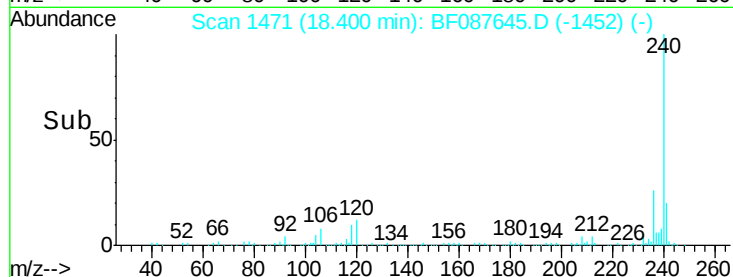
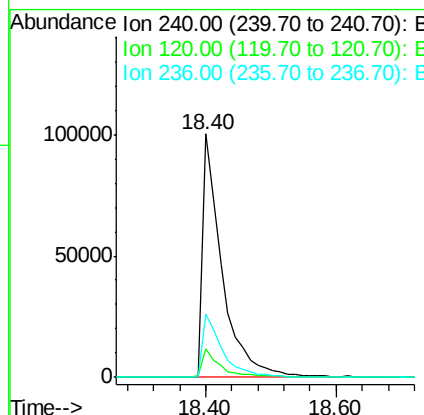
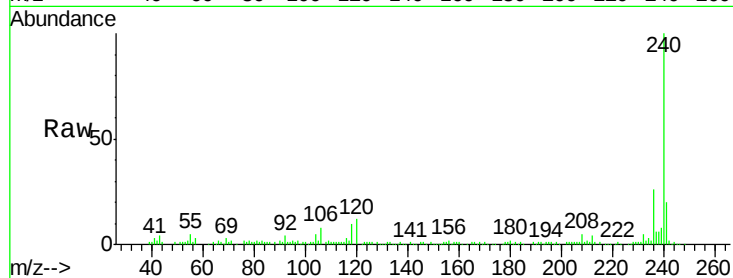
ClientSampled :

B3-12DL

Tot Ion:	240	Resp:	207164
Ion Ratio	Lower	Upper	
240	100		
120	11.6	11.2	16.8
236	25.9	21.2	31.8

Manual Integrations
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6/2/2016 5:29:02 PM



#77

Pyrene

Concen: 2.40 ng

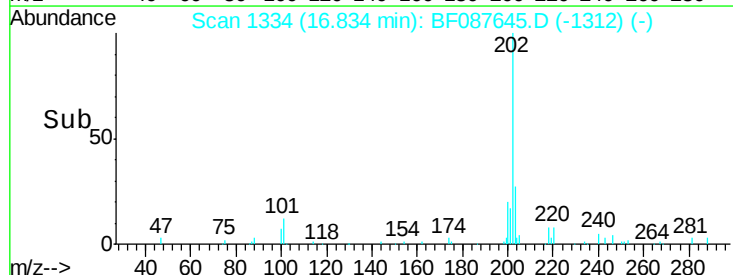
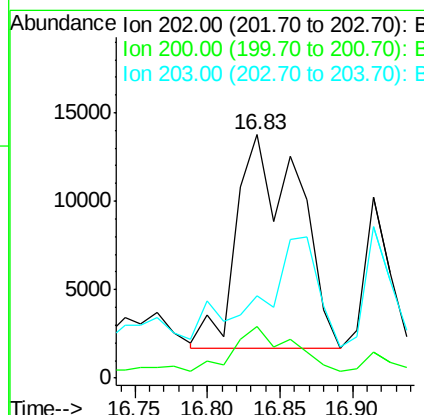
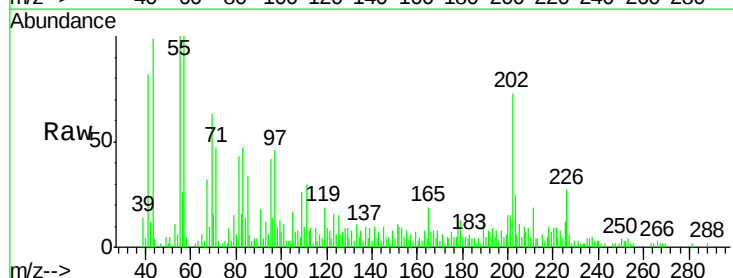
RT: 16.83 min Scan# 1334

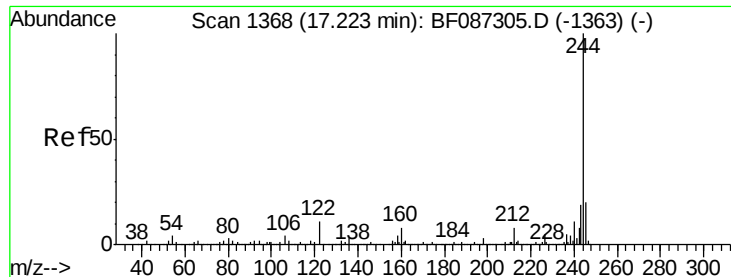
Delta R.T. -0.05 min

Lab File: BF087645.D

Acq: 2 Jun 2016 13:32

Tgt Ion:	202	Resp:	35845
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	33.7	14.2	21.4#





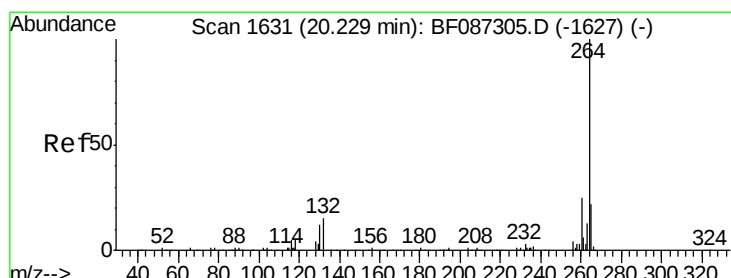
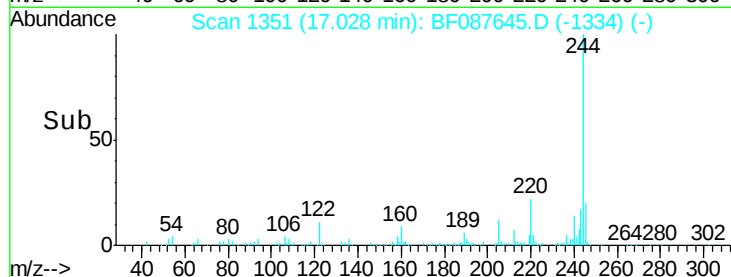
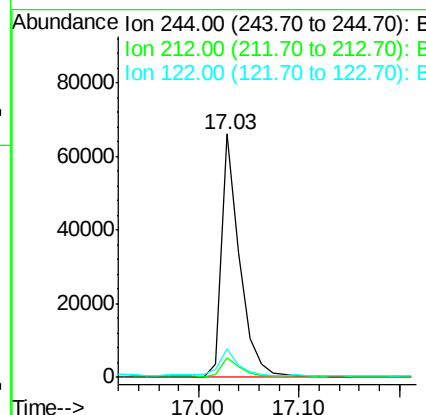
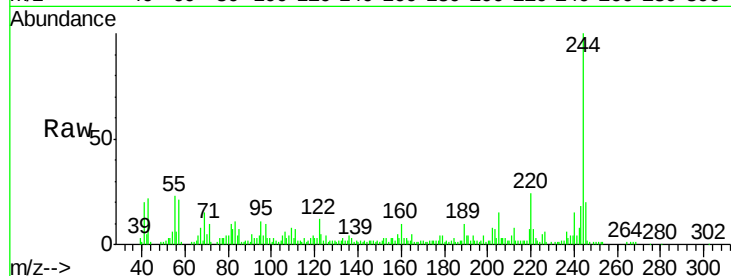
#78
 Terphenyl-d14
 Concen: 8.50 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.10 min
 Lab File: BF087645.D
 Acq: 2 Jun 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 B3-12DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	11.8	12.0	18.0

Manual Integrations
 APPROVED

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: BF087645.D
 Acq: 2 Jun 2016 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.3	25.9

