

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060616\
 Data File : BF087760.D
 Acq On : 6 Jun 2016 19:17
 Operator : UM/SJ
 Sample : H3341-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2RE

Manual Integrations
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Quant Time: Jun 07 11:54:21 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	6.86	152	103304	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	234154	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	187225	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	271523	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	230676	20.00	ng	-0.02
86) Perylene-d12	15.43	264	176683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	714142	111.74	ng	0.00
7) Phenol-d6	6.50	99	899363	112.20	ng	0.01
23) Nitrobenzene-d5	7.43	82	501998	124.04	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	165336	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	754143	55.62	ng	-0.01
78) Terphenyl-d14	12.96	244	526159	55.66	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.51	94	104604	11.46	ng	90
20) 3+4-Methylphenols	7.28	107	87488m	12.09	ng	
22) Acetophenone	7.27	105	581201	109.59	ng	# 84
27) 2,4-Dimethylphenol	7.82	122	112660m	28.88	ng	
31) Naphthalene	8.17	128	1486994	130.61	ng	99
37) 2-Methylnaphthalene	8.86	142	550297	73.20	ng	# 95
45) 1,1'-Biphenyl	9.31	154	78958	5.20	ng	97
49) Dimethylphthalate	9.61	163	85323	6.27	ng	# 93

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

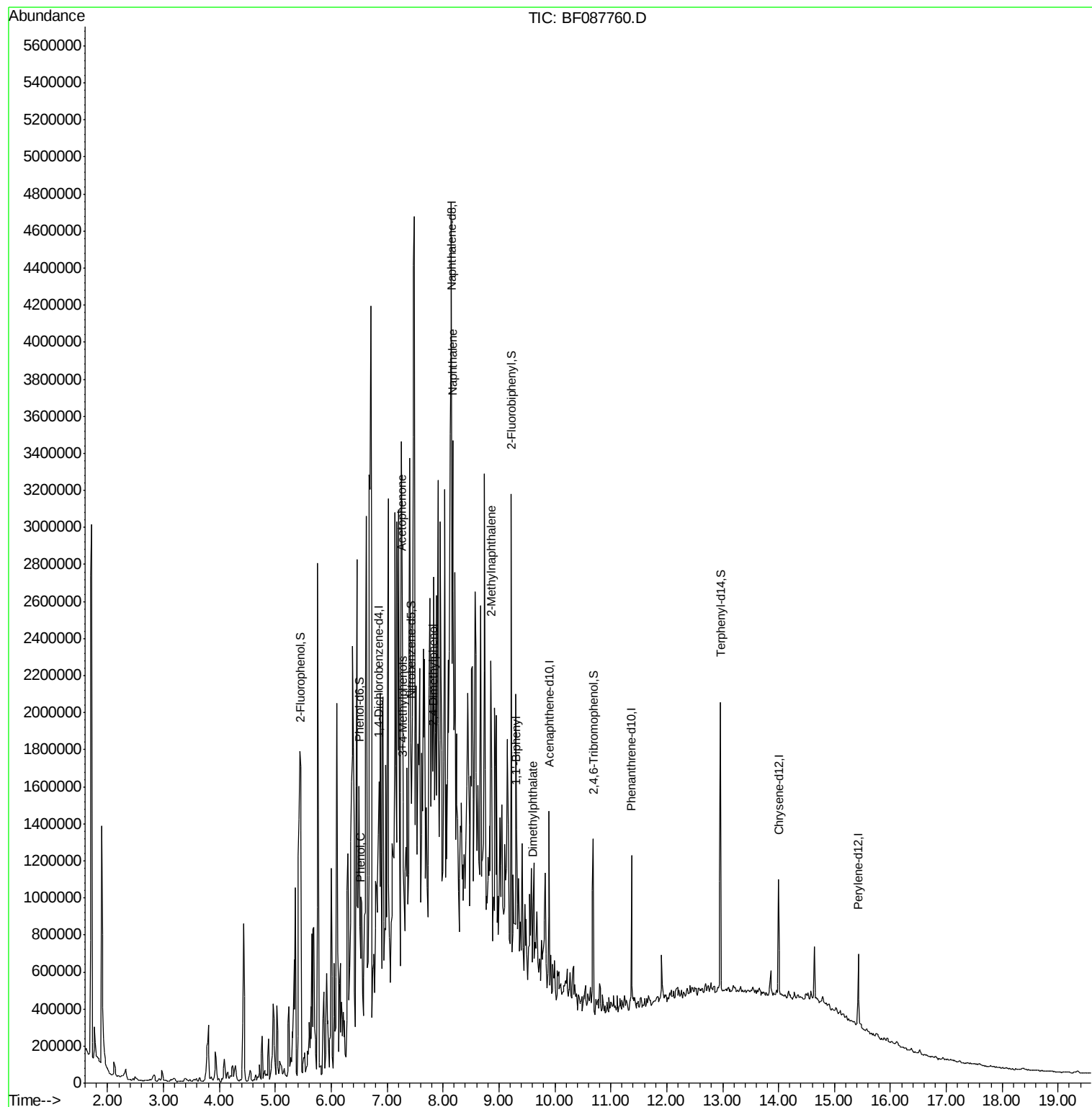
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060616\
Data File : BF087760.D
Acq On : 6 Jun 2016 19:17
Operator : UM/SJ
Sample : H3341-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

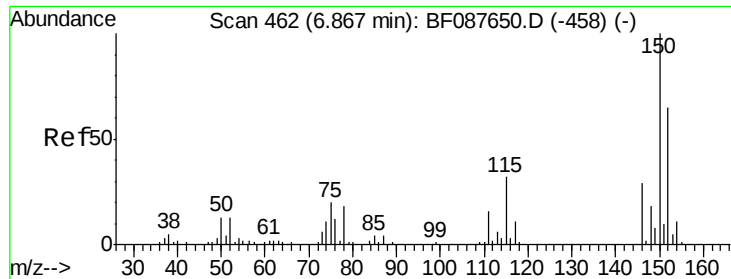
Instrument :
BNA_F
ClientSampleId :
B-2RE

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Quant Time: Jun 07 11:54:21 2016
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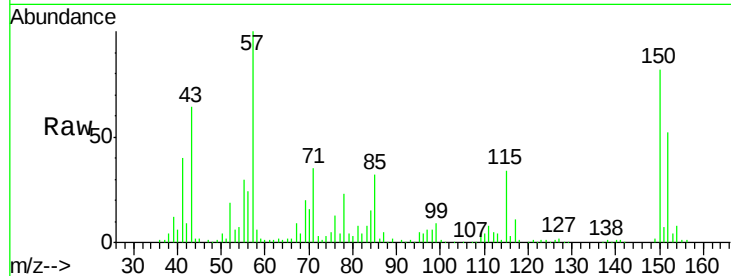




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

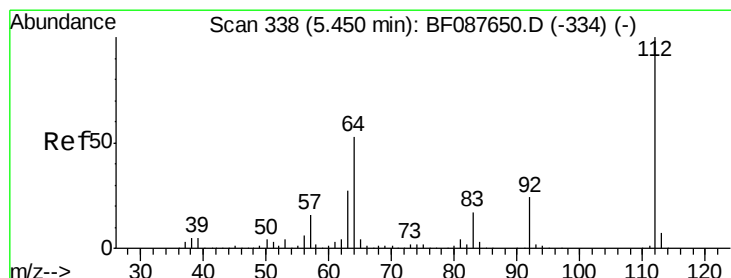
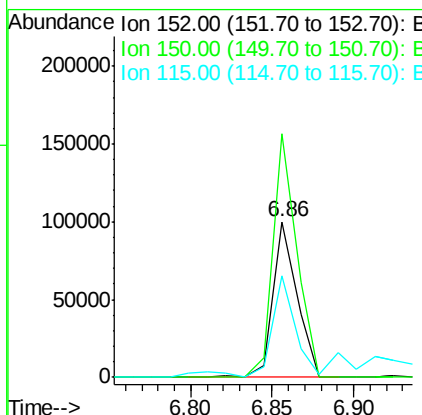
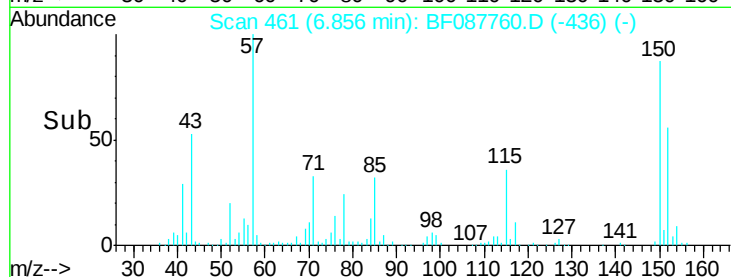
Instrument :
BNA_F
ClientSampled :
B-2RE



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	103304		
150	156.5	123.8	185.6	
115	65.1	39.6	59.4	

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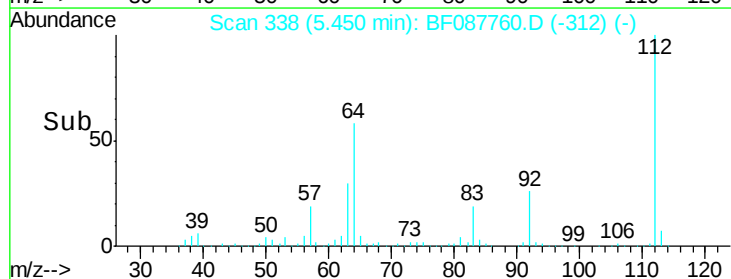
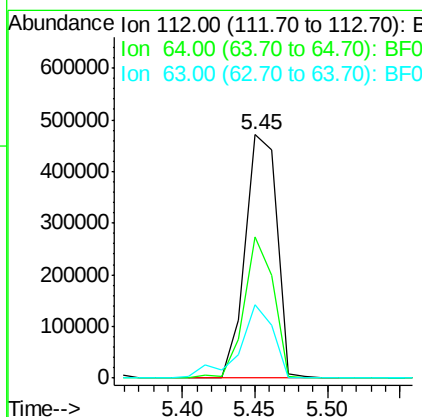
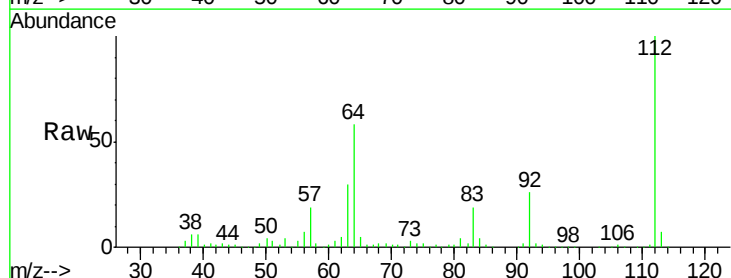
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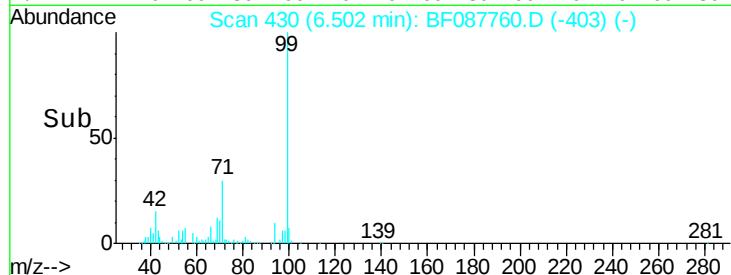
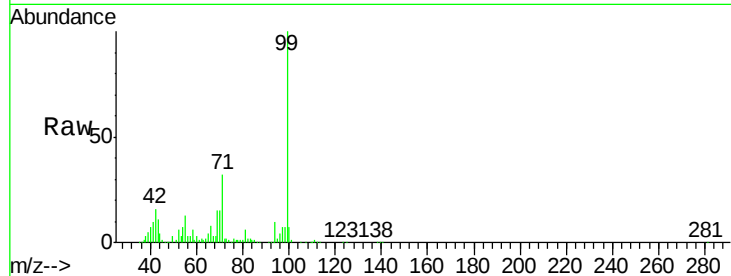
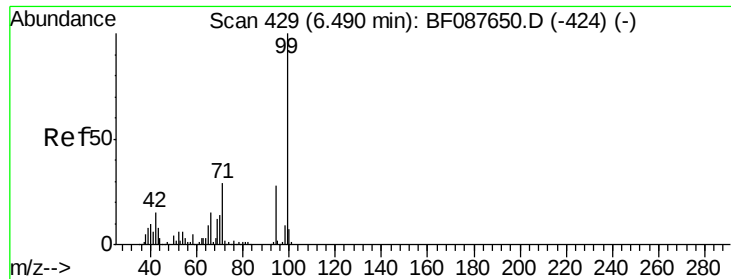


#5

2-Fluorophenol
Concen: 111.74 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	714142		
64	58.0	42.2	63.2	
63	30.3	21.8	32.8	





#7

Phenol-d6

Concen: 112.20 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087760.D

Acq: 6 Jun 2016 19:17

Tgt Ion:	99	Resp:	899363
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.2	18.2
71	32.1	23.4	35.0

Instrument :

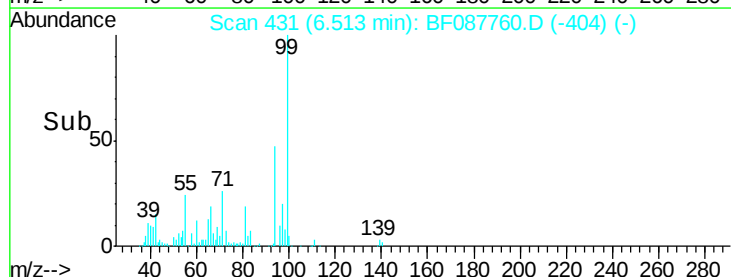
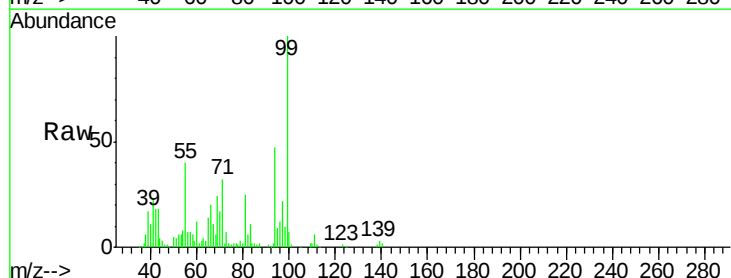
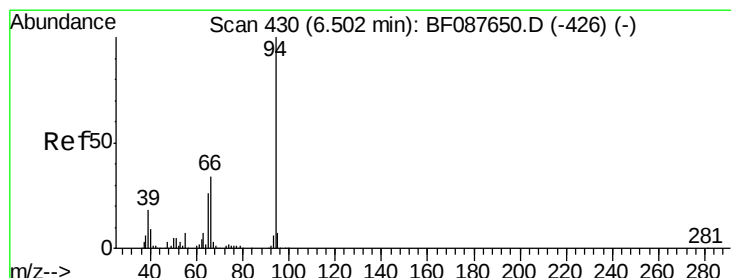
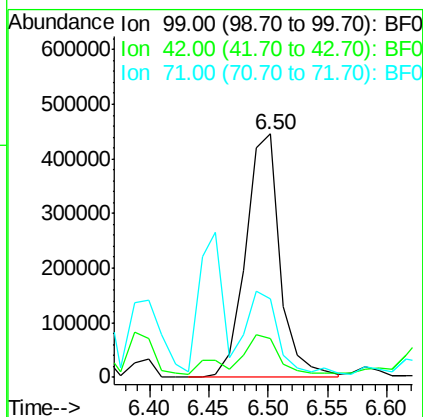
BNA_F

ClientSampled :

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#10

Phenol

Concen: 11.46 ng

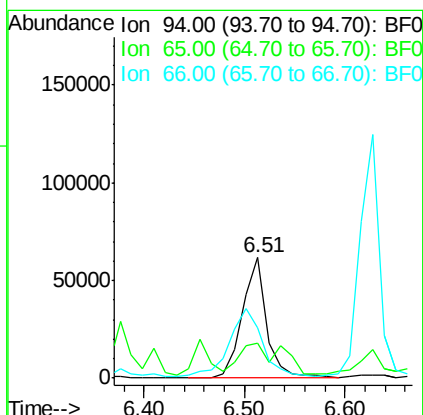
RT: 6.51 min Scan# 431

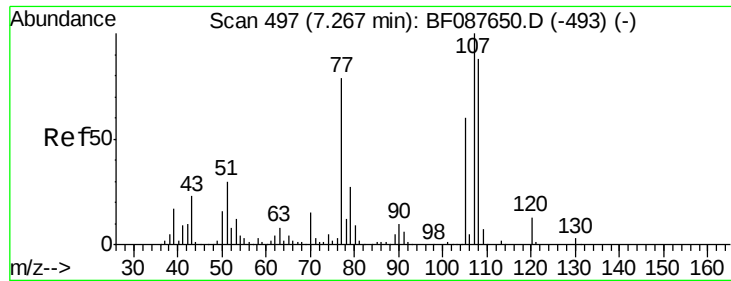
Delta R.T. 0.01 min

Lab File: BF087760.D

Acq: 6 Jun 2016 19:17

Tgt Ion:	94	Resp:	104604
Ion Ratio	Lower	Upper	
94	100		
65	28.7	5.9	45.9
66	41.5	14.0	54.0





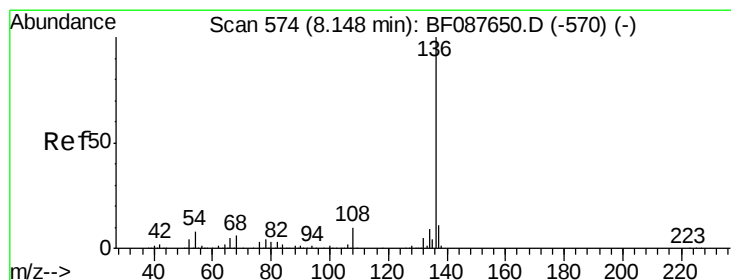
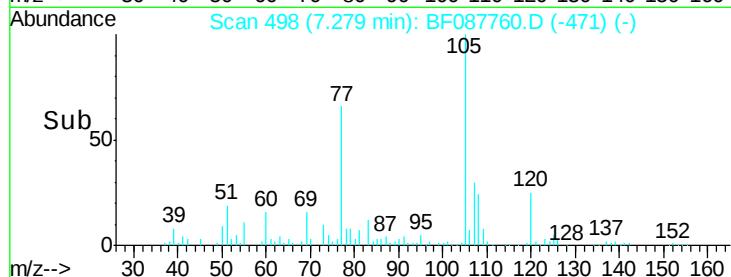
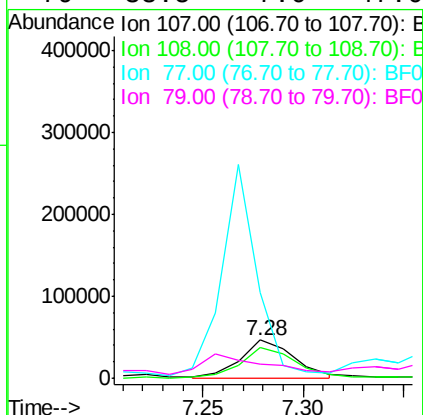
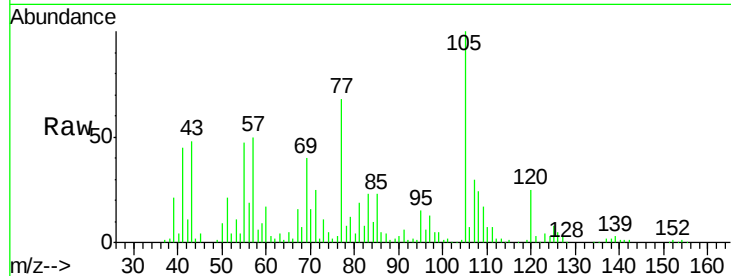
#20
3+4-Methylphenols
Concen: 12.09 ng m
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	87488		
108	80.4	67.8	107.8	
77	225.2	59.3	99.3#	
79	38.5	7.0	47.0	

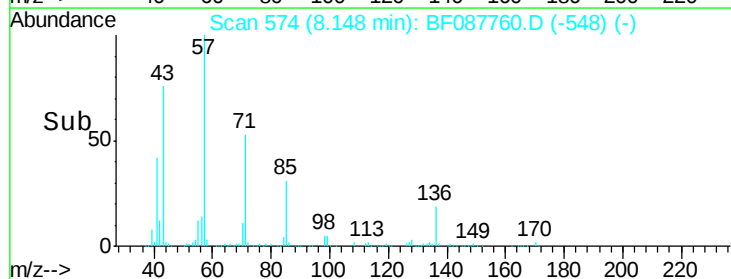
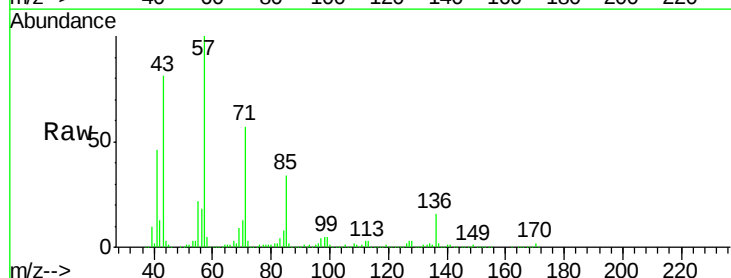
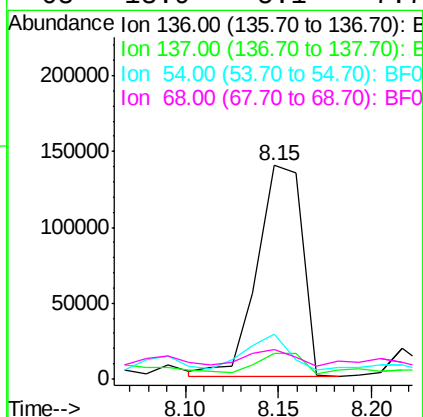
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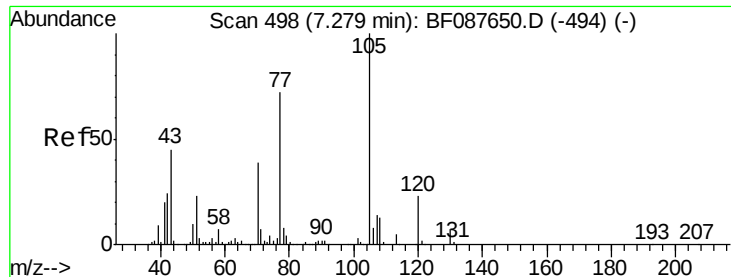
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

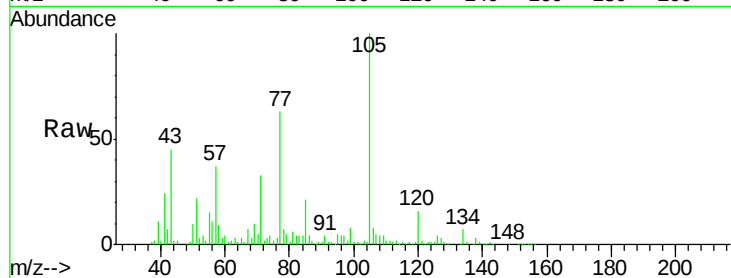
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	234154		
137	11.8	9.1	13.7	
54	21.3	6.6	10.0#	
68	13.9	5.1	7.7#	





#22
Acetophenone
Concen: 109.59 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

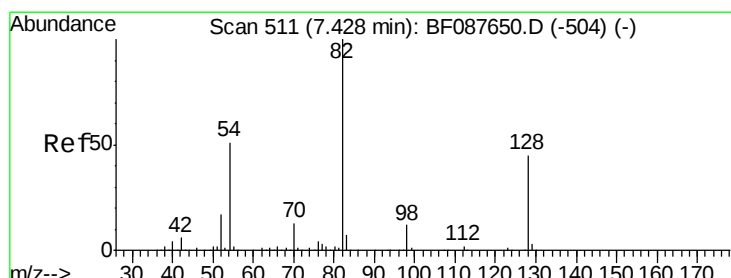
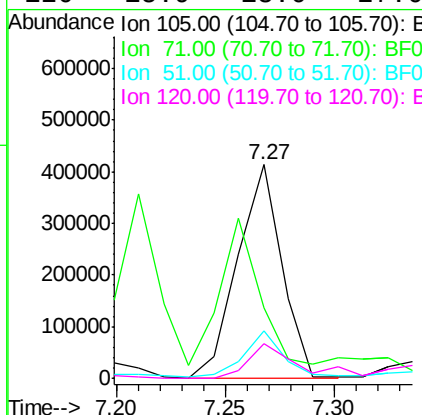
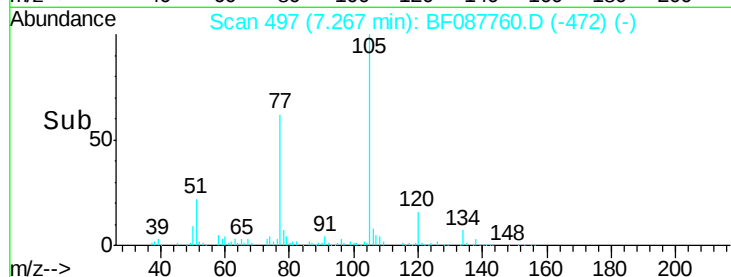
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	581201		
71	32.8	5.3	7.9#		
51	22.4	18.2	27.4		
120	15.9	18.0	27.0#		

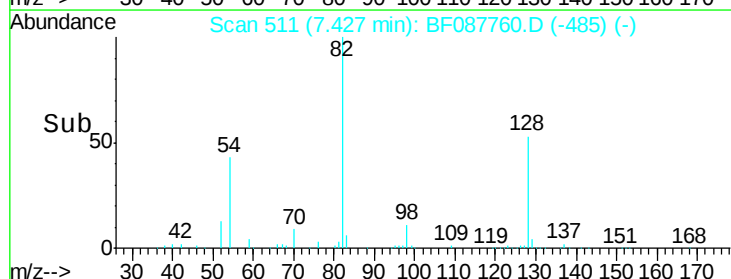
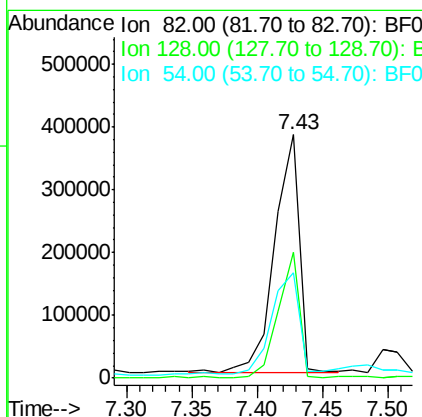
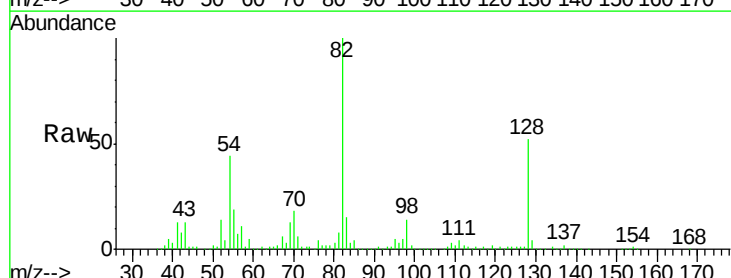
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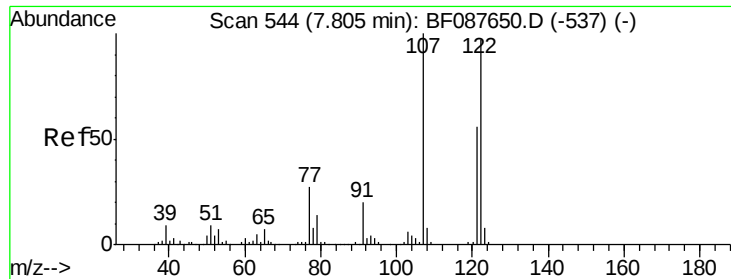
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#23
Nitrobenzene-d5
Concen: 124.04 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	501998		
128	51.7	35.9	53.9		
54	43.5	40.9	61.3		





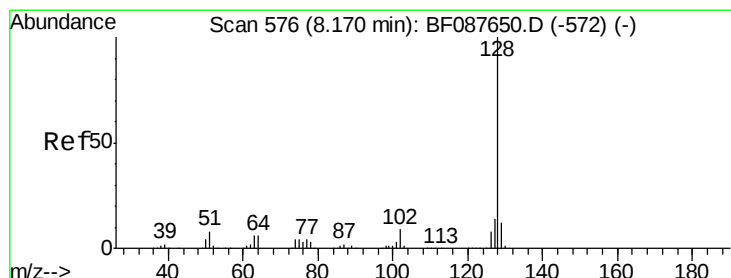
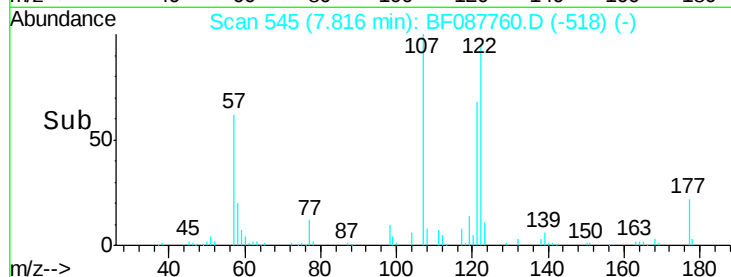
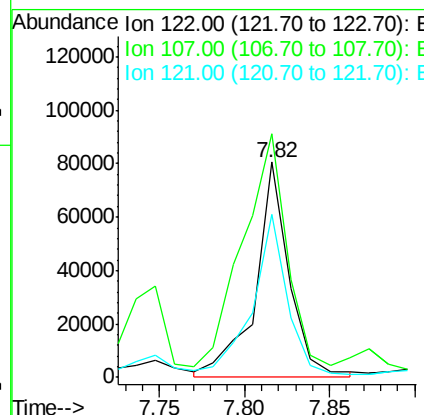
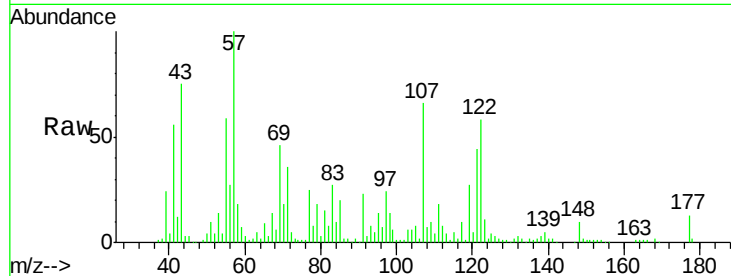
#27
2,4-Dimethylphenol
Concen: 28.88 ng m
RT: 7.82 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112660		
107	113.1	82.4	123.6	
121	75.7	46.3	69.5	

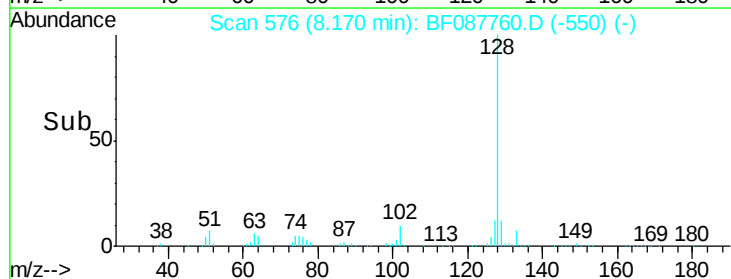
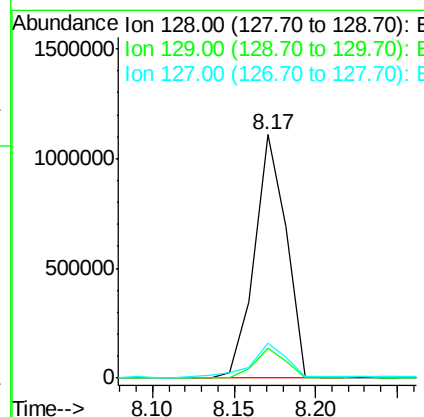
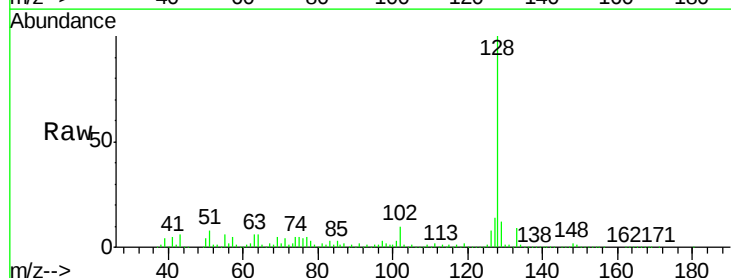
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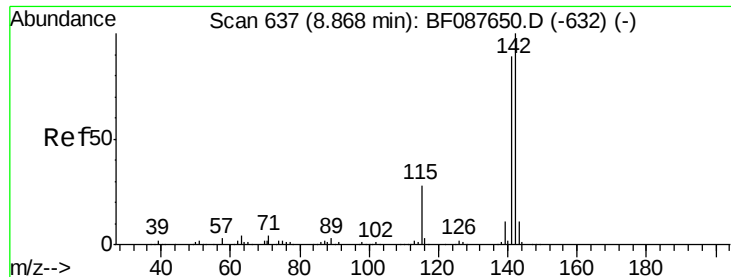
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#31
Naphthalene
Concen: 130.61 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1486994		
129	12.1	9.4	14.2	
127	14.1	10.9	16.3	





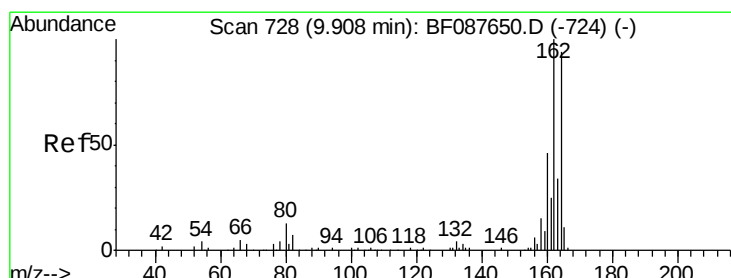
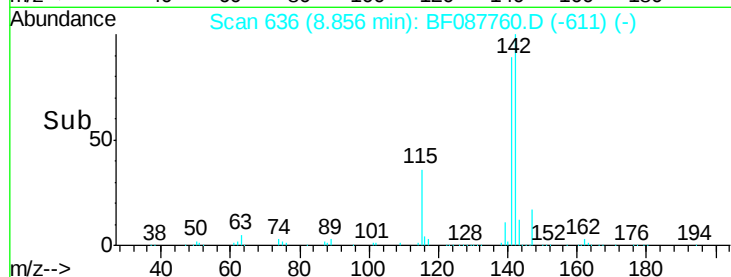
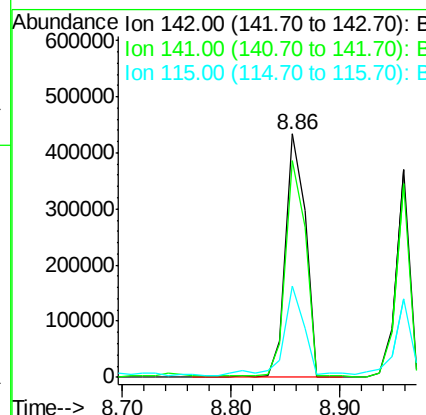
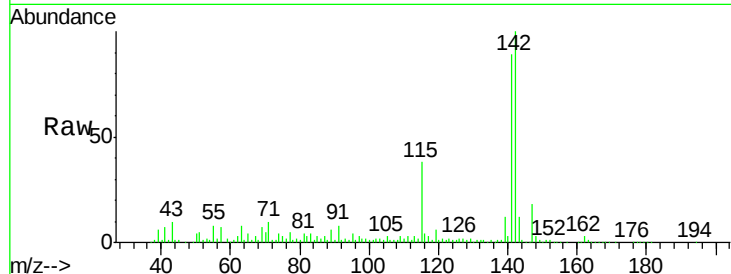
#37
2-Methylnaphthalene
Concen: 73.20 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampled :
B-2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.2	71.0	106.6
115	37.7	22.6	33.8

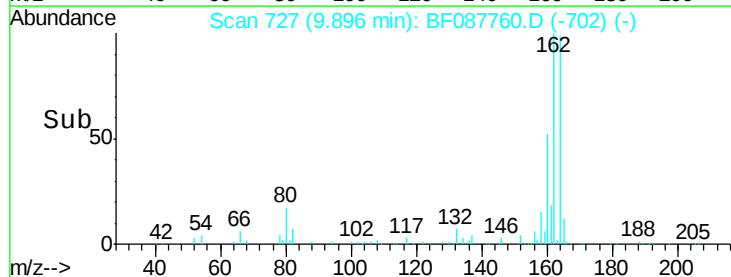
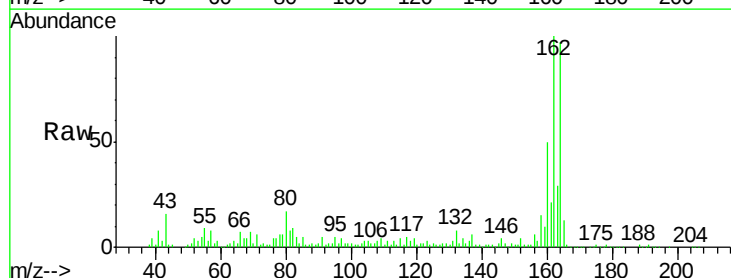
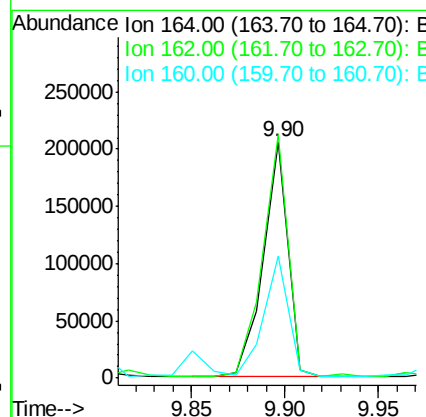
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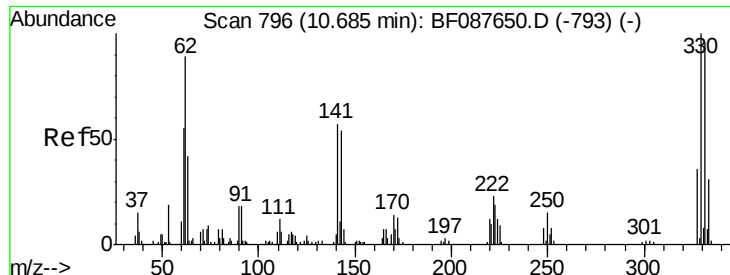
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.0	85.4	128.2
160	51.8	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 87.97 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087760.D

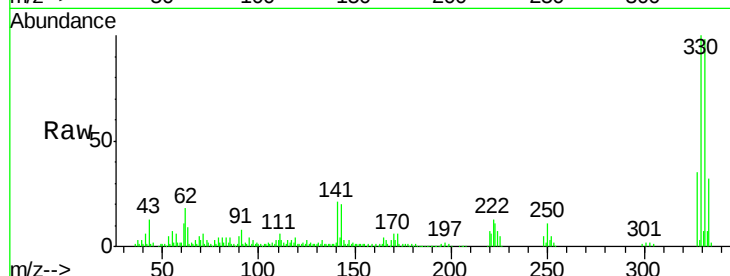
Acq: 6 Jun 2016 19:17

Instrument :

BNA_F

ClientSampleId :

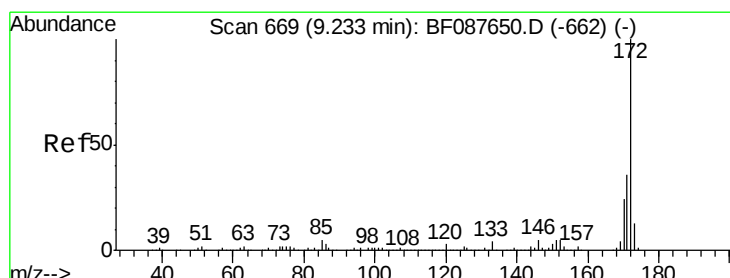
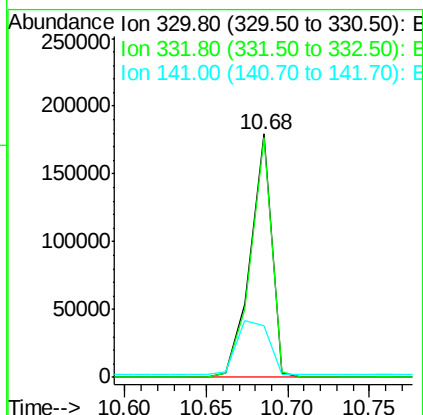
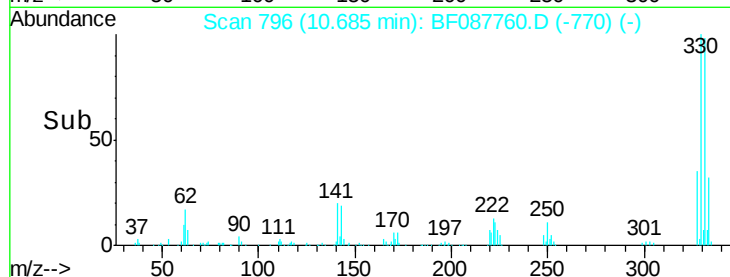
B-2RE



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	165336		
332	96.8	0.0	0.0	0.0
141	33.5	0.0	0.0	0.0

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#44

2-Fluorobiphenyl

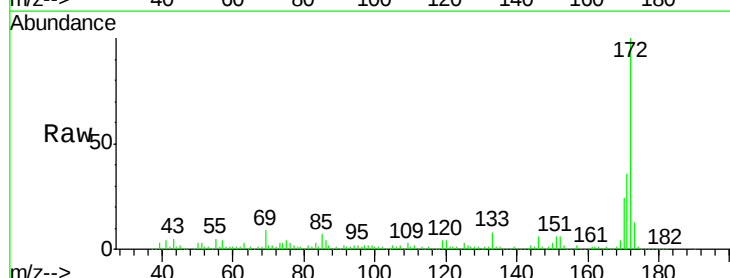
Concen: 55.62 ng

RT: 9.22 min Scan# 668

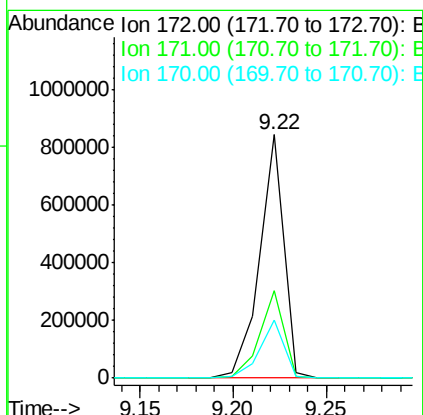
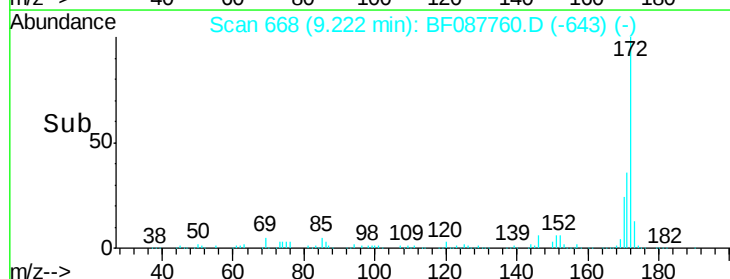
Delta R.T. -0.01 min

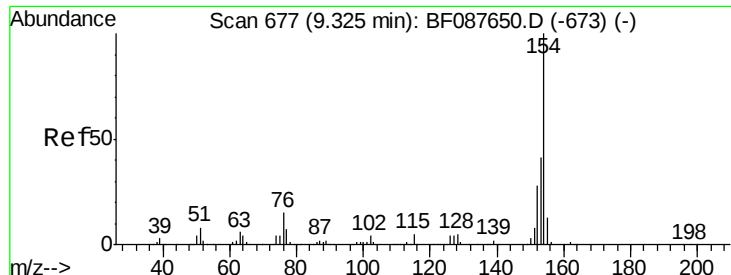
Lab File: BF087760.D

Acq: 6 Jun 2016 19:17



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	754143		
171	35.8	28.6	43.0	
170	23.8	19.2	28.8	





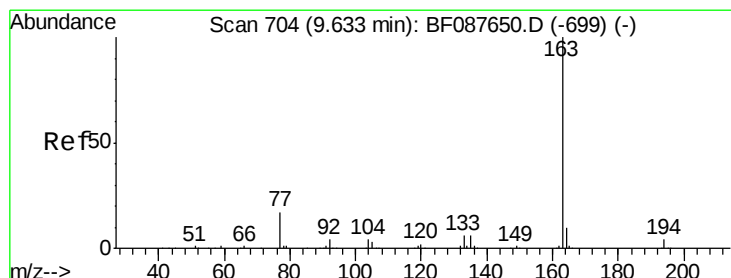
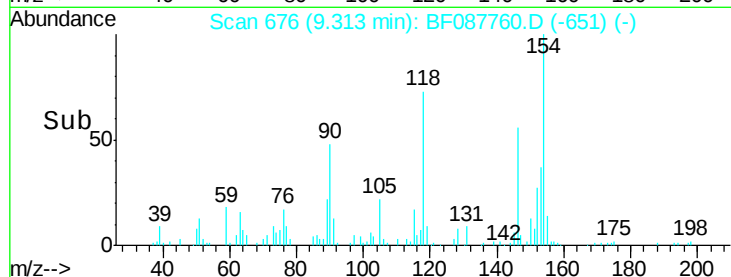
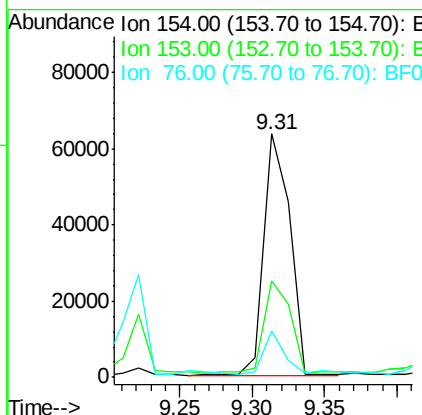
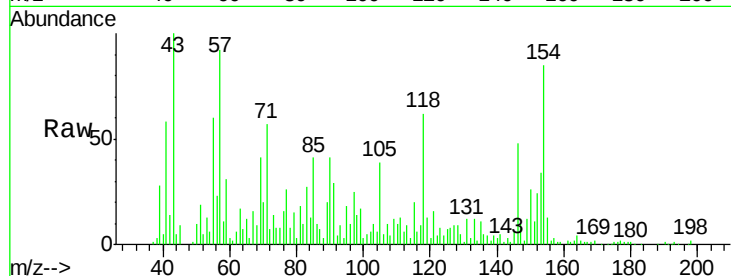
#45
 1,1'-Biphenyl
 Concen: 5.20 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF087760.D
 Acq: 6 Jun 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 B-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	78958		
153	39.8	20.6	60.6	
76	18.9	0.0	35.1	

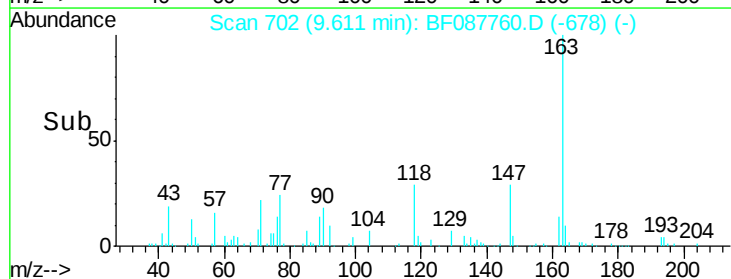
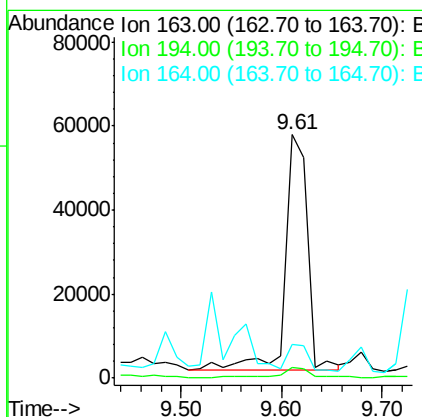
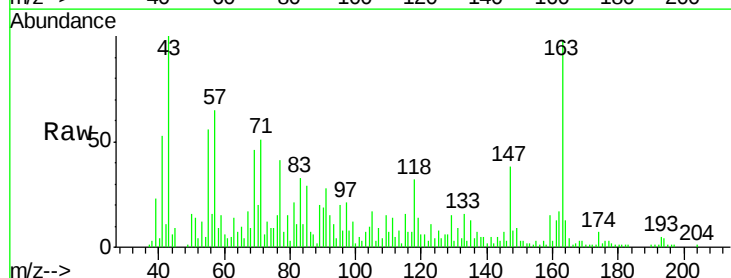
Manual Integrations
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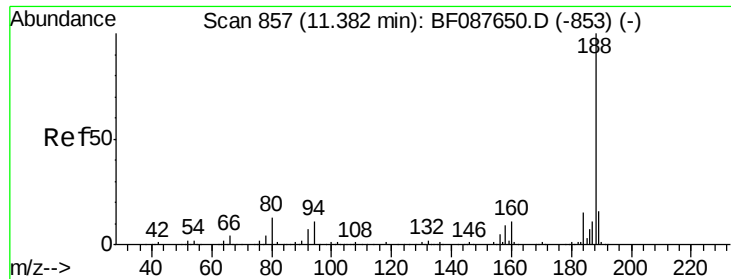
sohil
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#49
 Dimethylphthalate
 Concen: 6.27 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF087760.D
 Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85323		
194	4.2	2.8	4.2#	
164	13.6	8.3	12.5#	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087760.D

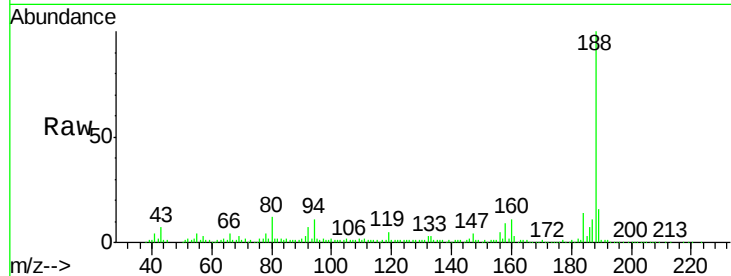
Acq: 6 Jun 2016 19:17

Instrument :

BNA_F

ClientSampleId :

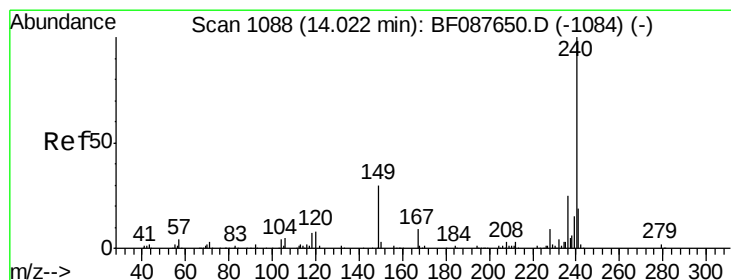
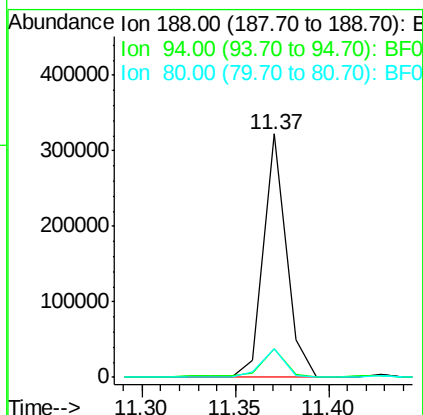
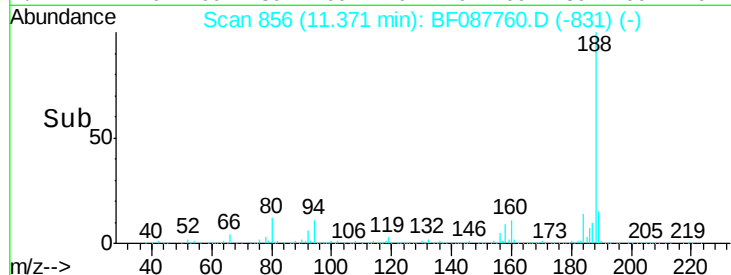
B-2RE



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	271523		
94	11.5	9.0	13.6	
80	11.9	10.0	15.0	

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#75

Chrysene-d12

Concen: 20.00 ng

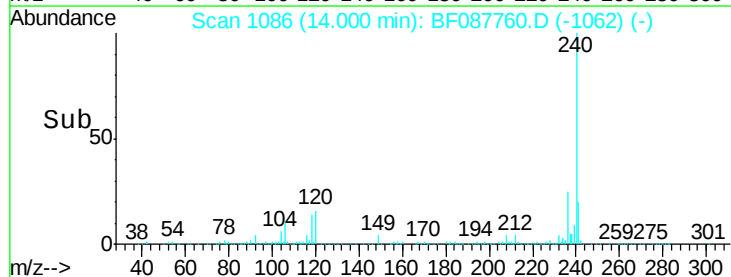
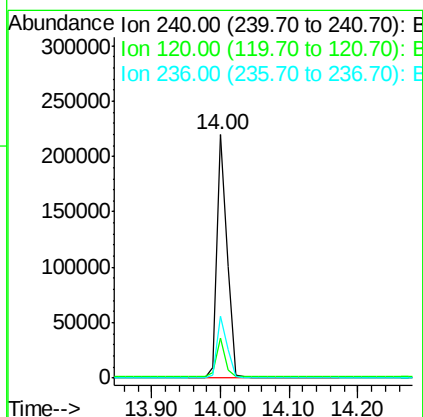
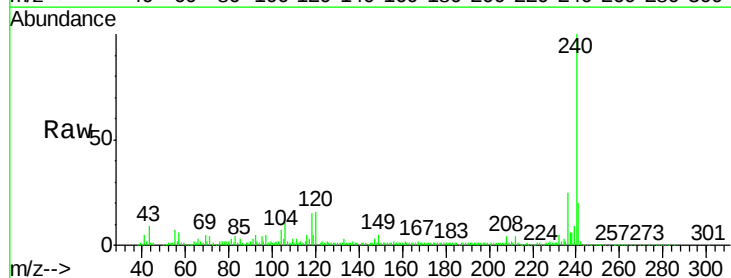
RT: 14.00 min Scan# 1086

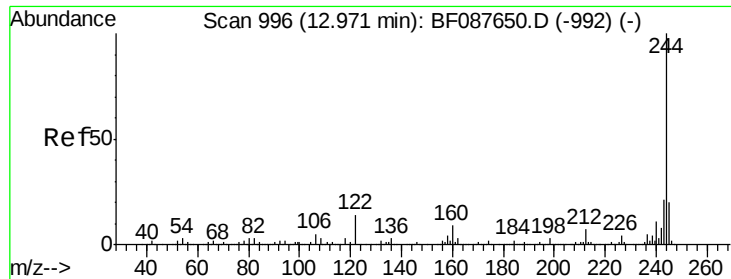
Delta R.T. -0.02 min

Lab File: BF087760.D

Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230676		
120	16.4	6.8	10.2#	
236	25.3	20.2	30.2	





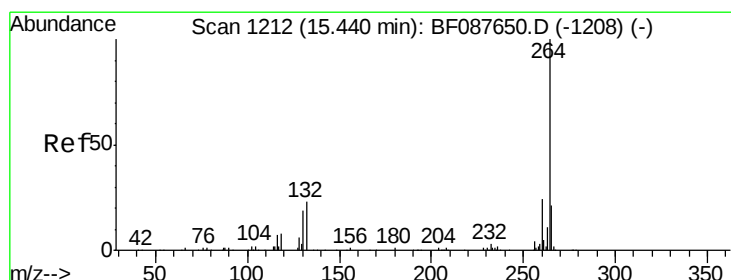
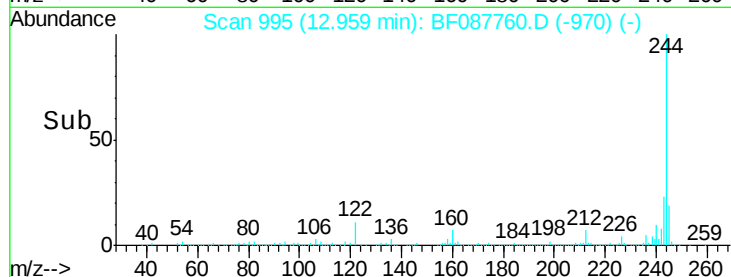
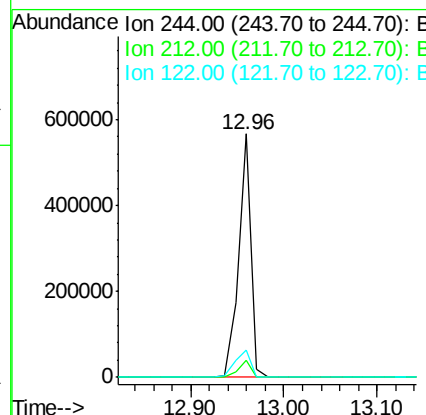
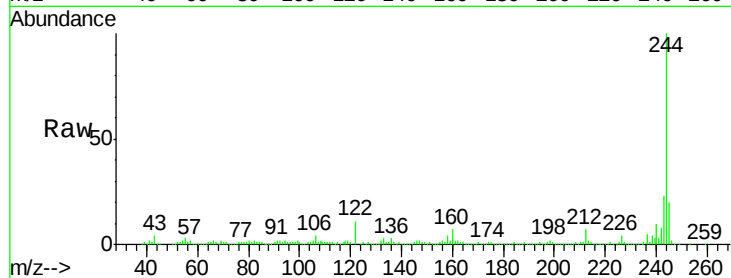
#78
 Terphenyl-d14
 Concen: 55.66 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF087760.D
 Acq: 6 Jun 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 B-2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.0	9.0
122	11.0	11.2	16.8#

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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: BF087760.D
 Acq: 6 Jun 2016 19:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	19.2	28.8
265	21.6	16.9	25.3

