

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089444.D
 Acq On : 30 Jul 2016 8:39
 Operator : UM/SJ
 Sample : H4215-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

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Quant Time: Aug 01 01:25:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	37517	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	128575	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	53291	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	92752	20.00	ng	-0.03
75) Chrysene-d12	13.65	240	88419	20.00	ng	-0.02
86) Perylene-d12	14.98	264	64654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	244152	103.91	ng	-0.01
7) Phenol-d6	6.18	99	320675	103.27	ng	-0.02
23) Nitrobenzene-d5	7.08	82	189980	87.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	46187	104.65	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	285967	78.75	ng	-0.03
78) Terphenyl-d14	12.59	244	218924	57.95	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.83	128	16192	2.54	ng	98
48) Acenaphthylene	9.40	152	52834	9.84	ng	99
49) Dimethylphthalate	9.28	163	49754	12.27	ng	98
57) Fluorene	10.09	166	20802	5.58	ng	99
70) Phenanthrene	11.04	178	111181	23.24	ng	99
71) Anthracene	11.09	178	49369	9.28	ng	97
72) Carbazole	11.26	167	14305	3.20	ng	# 95
74) Fluoranthene	12.22	202	233173	46.34	ng	97
77) Pyrene	12.45	202	228337	34.07	ng	100
80) Benzo(a)anthracene	13.63	228	128340m	25.72	ng	
82) Chrysene	13.67	228	110945m	20.89	ng	
83) Bis(2-ethylhexyl)phthalate	13.65	149	35650	8.09	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.17	276	54831	14.52	ng	95
87) Benzo(b)fluoranthene	14.63	252	161675m	40.27	ng	
88) Benzo(k)fluoranthene	14.65	252	20997m	5.69	ng	
89) Benzo(a)pyrene	14.93	252	85037m	23.61	ng	
90) Dibenzo(a,h)anthracene	16.17	278	13996	4.93	ng	# 81
91) Benzo(g,h,i)perylene	16.53	276	53156	19.06	ng	96

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

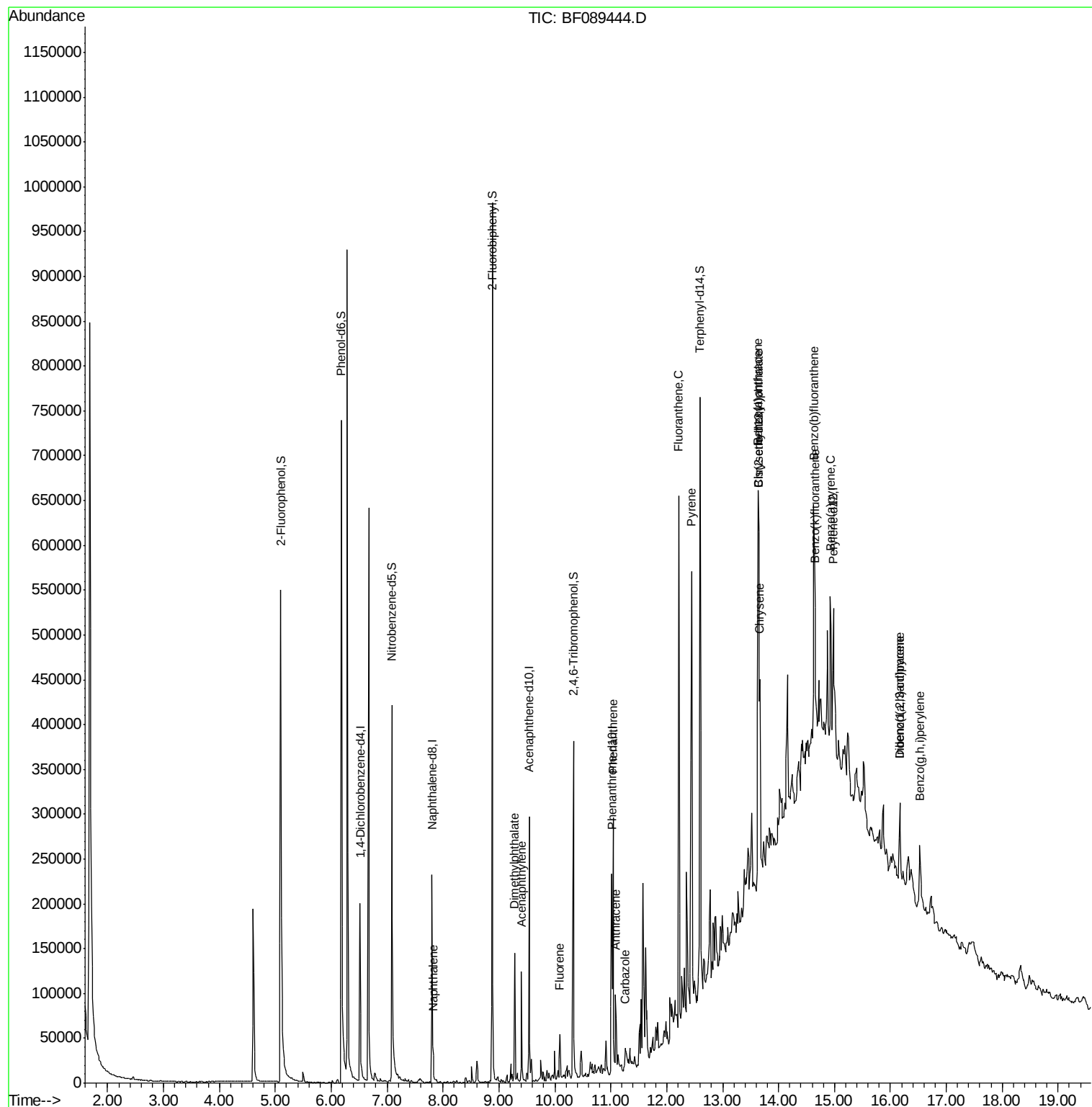
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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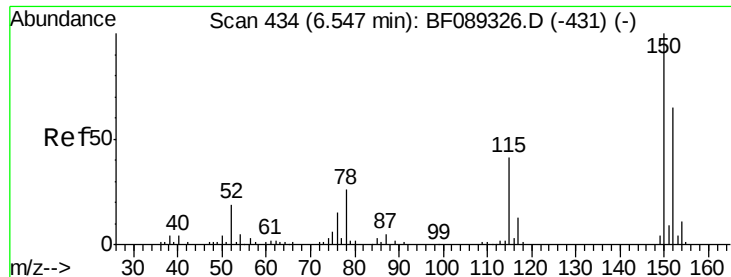
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Instrument :

BNA_F

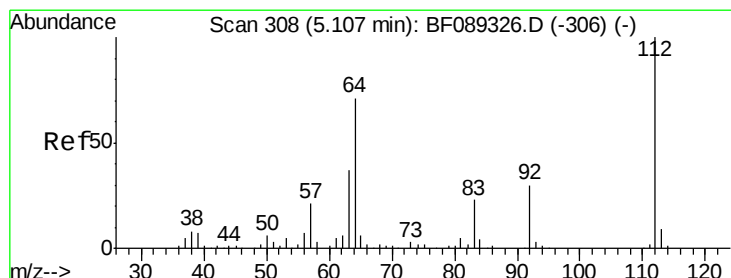
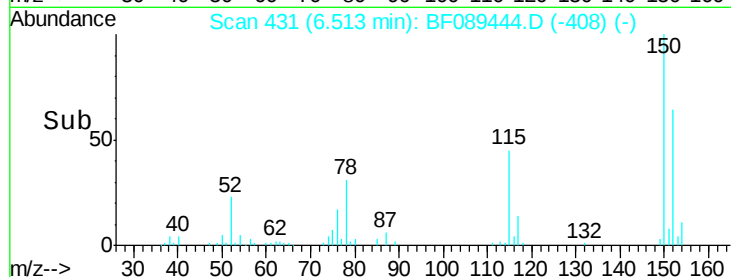
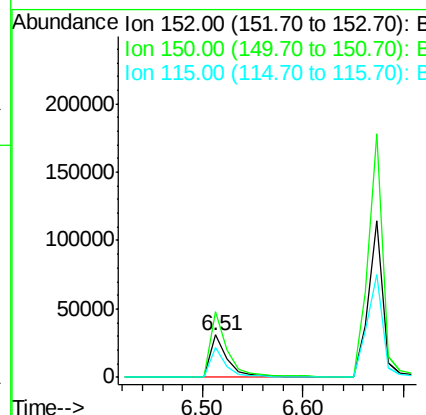
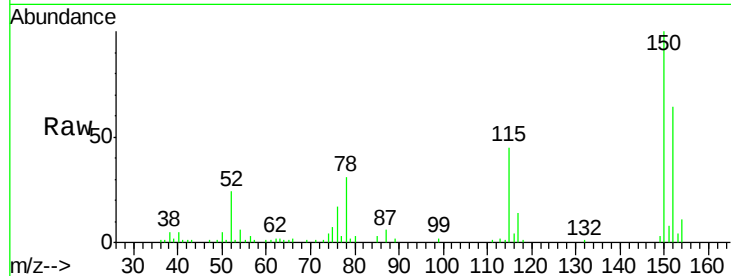
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.5	194.3
115	69.7	51.4	77.2

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#5

2-Fluorophenol

Concen: 103.91 ng

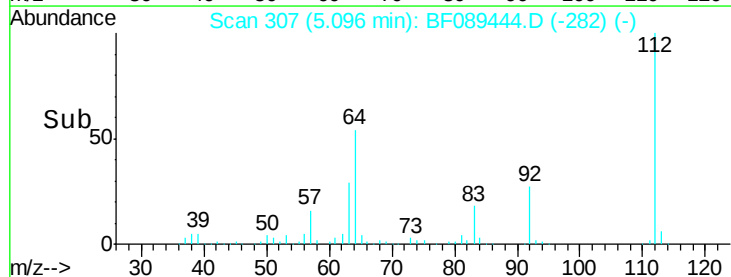
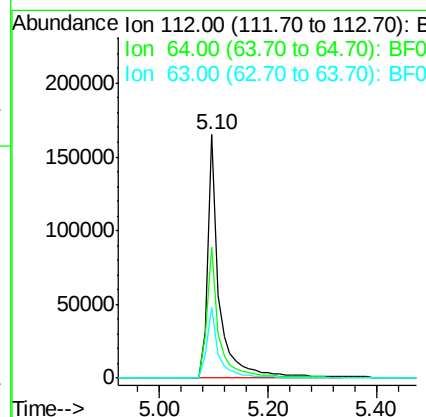
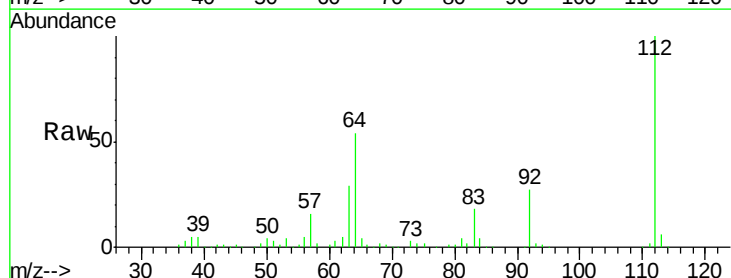
RT: 5.10 min Scan# 307

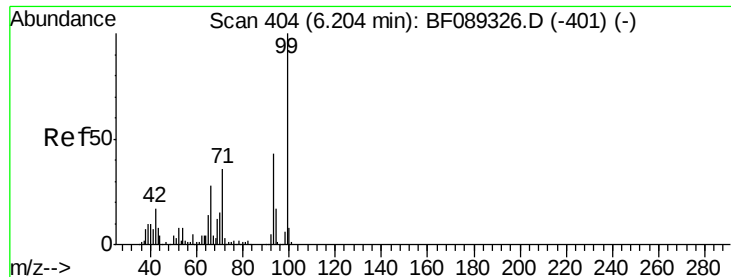
Delta R.T. -0.01 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	55.0	82.6#
63	28.9	29.4	44.2#





#7

Phenol-d6

Concen: 103.27 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Instrument :

BNA_F

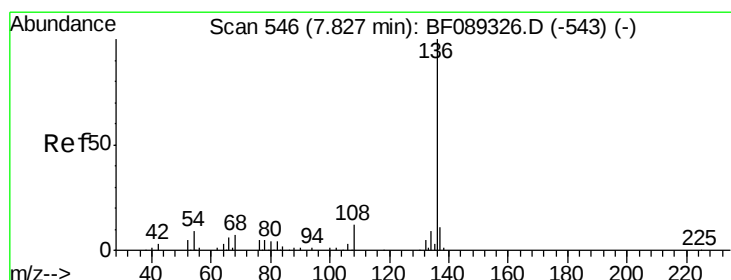
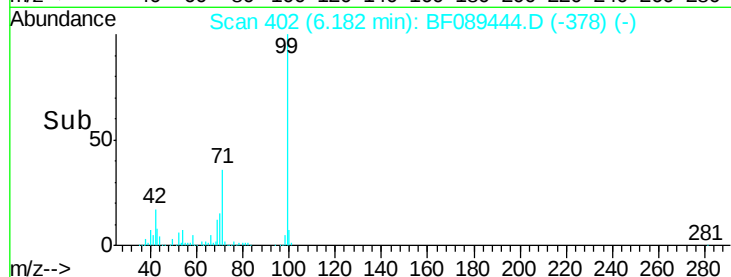
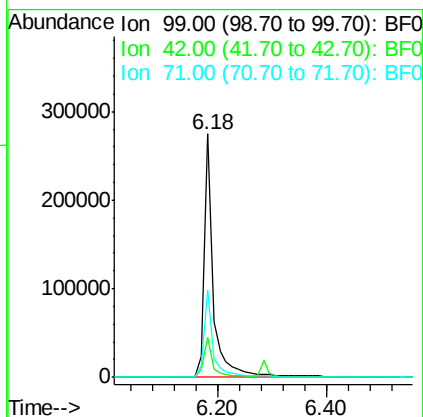
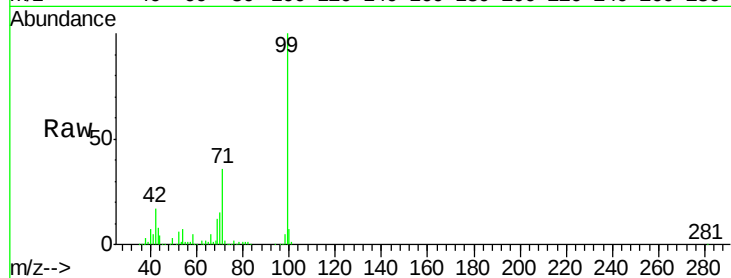
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Tgt Ion:	99	Resp:	320675
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.6	20.4
71	35.8	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

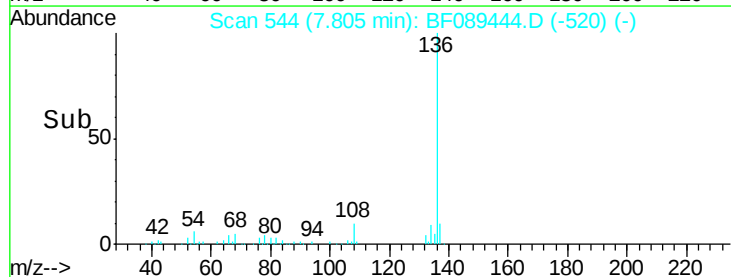
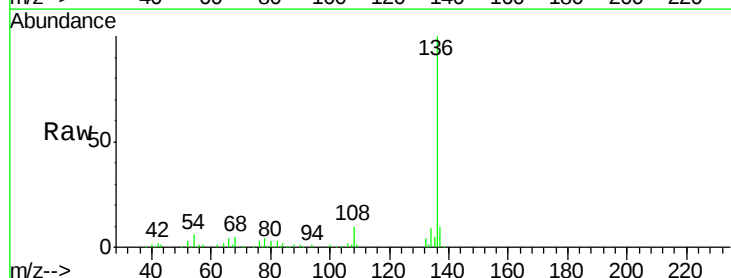
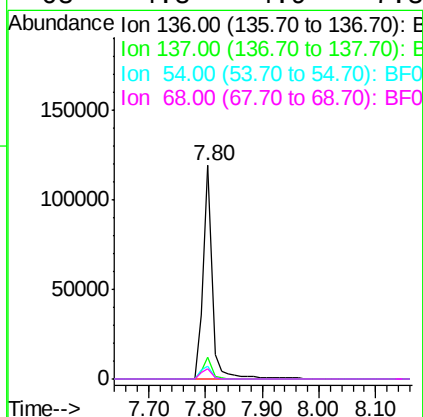
RT: 7.80 min Scan# 544

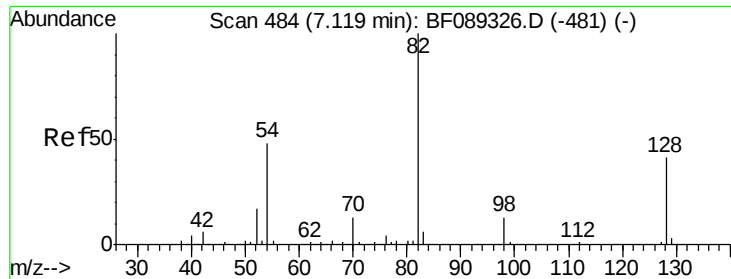
Delta R.T. -0.02 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Tgt Ion:	136	Resp:	128575
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	5.8	7.0	10.4#
68	4.8	4.9	7.3#





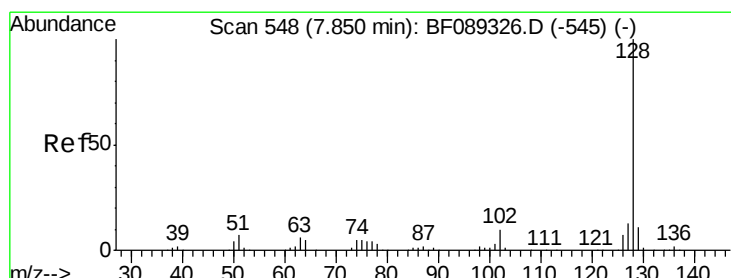
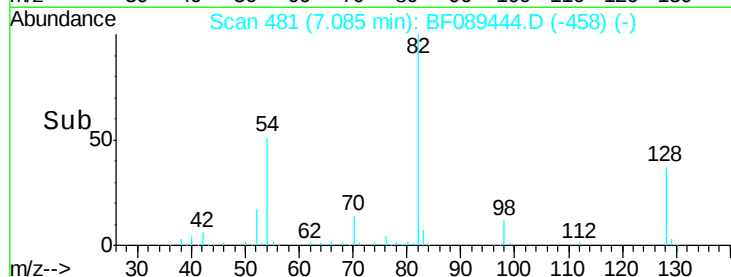
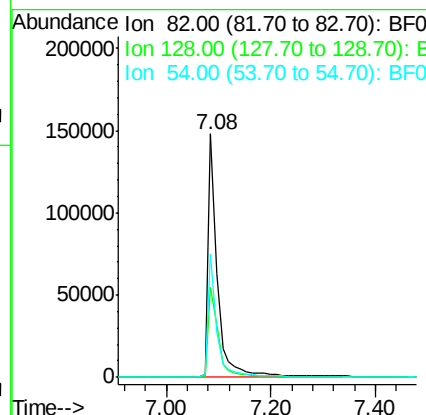
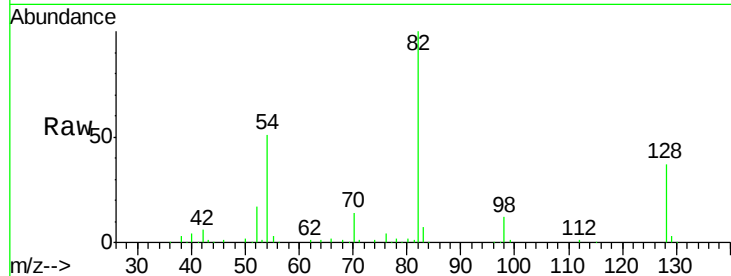
#23
 Nitrobenzene-d5
 Concen: 87.22 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089444.D
 Acq: 30 Jul 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	189980		
128	37.2	32.5	48.7	
54	50.9	38.8	58.2	

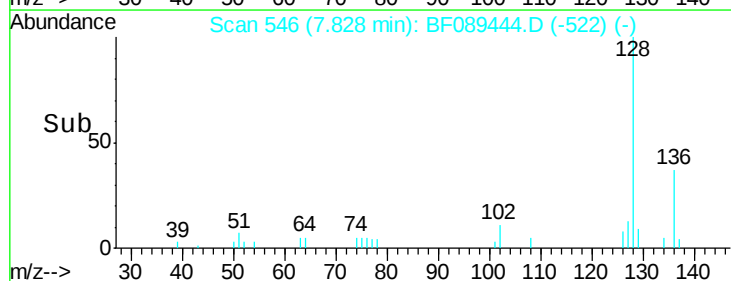
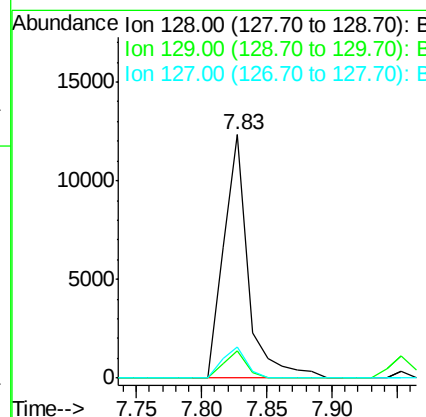
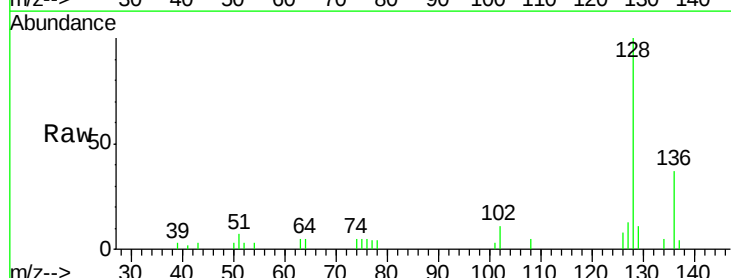
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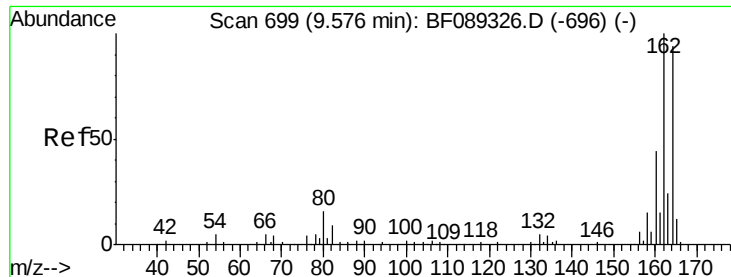
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#31
 Naphthalene
 Concen: 2.54 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF089444.D
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	16192		
129	11.3	8.8	13.2	
127	12.5	10.8	16.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Instrument :

BNA_F

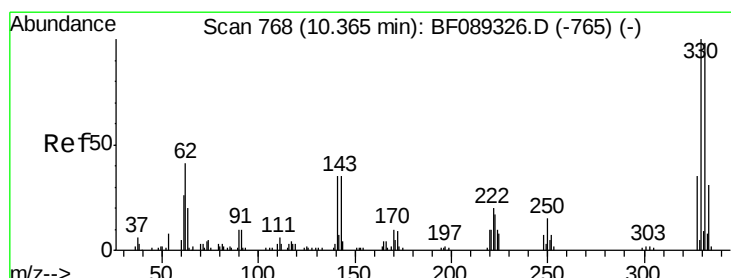
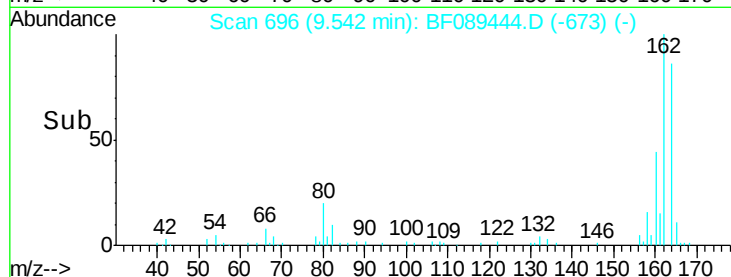
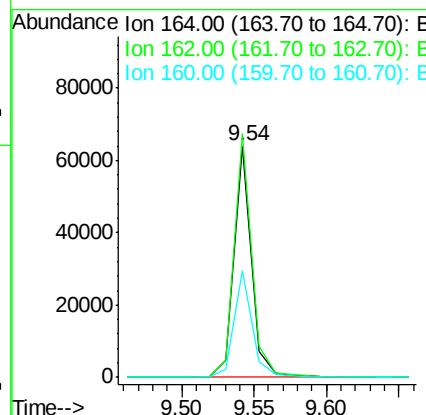
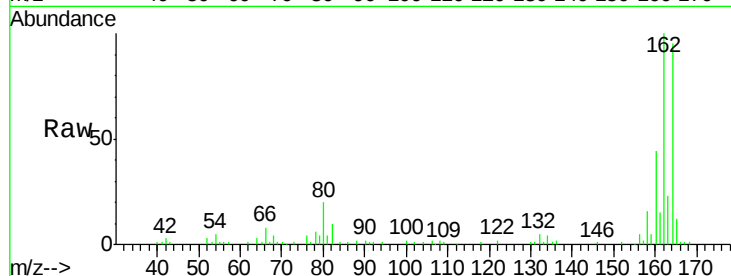
ClientSampleId :

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Tgt Ion:	164	Resp:	53291
Ion Ratio	Lower	Upper	
164	100		
162	105.4	83.7	125.5
160	46.3	37.8	56.6

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#41

2,4,6-Tribromophenol

Concen: 104.65 ng

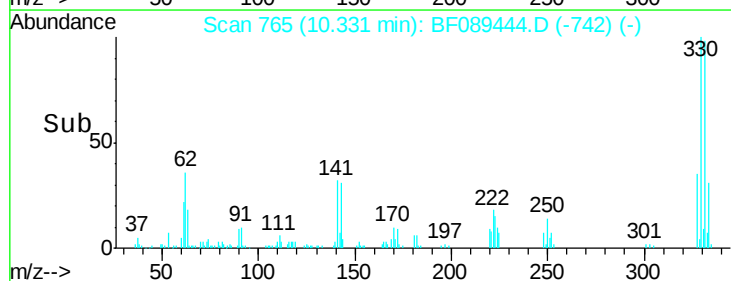
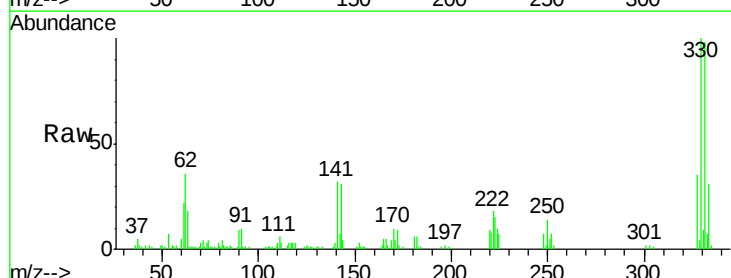
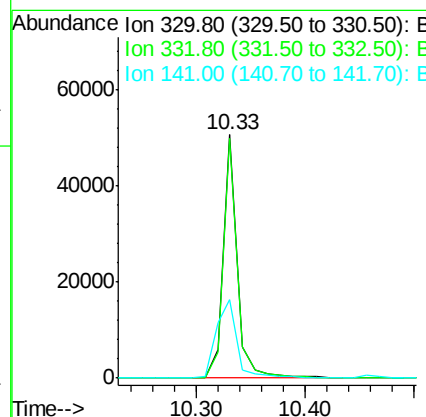
RT: 10.33 min Scan# 765

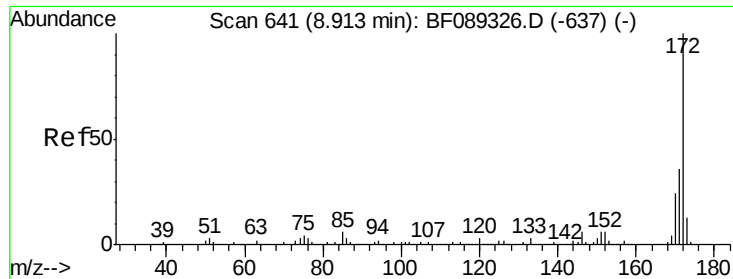
Delta R.T. -0.03 min

Lab File: BF089444.D

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Tgt Ion:	330	Resp:	46187
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	47.8	37.3	55.9





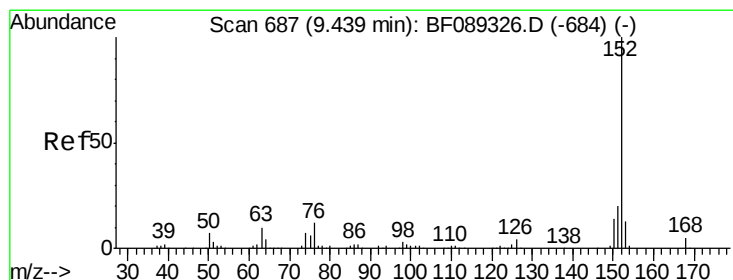
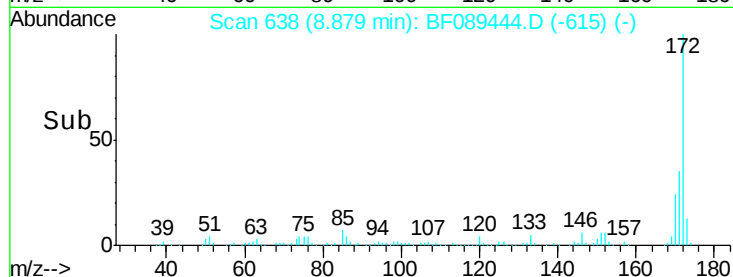
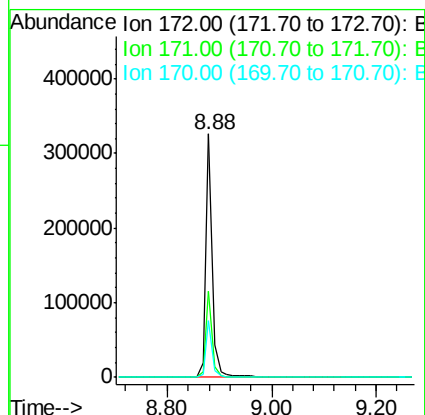
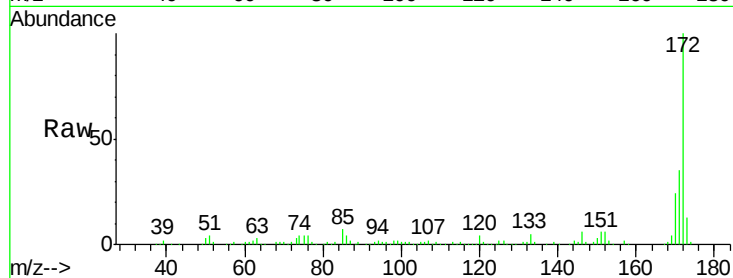
#44
2-Fluorobiphenyl
Concen: 78.75 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	285967		
171	35.3	29.2	43.8	
170	23.6	19.2	28.8	

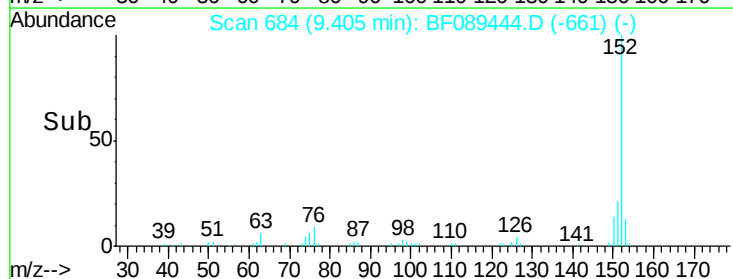
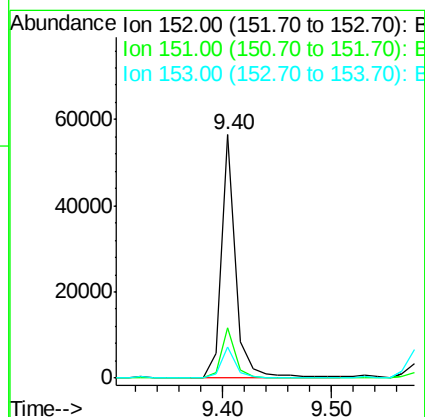
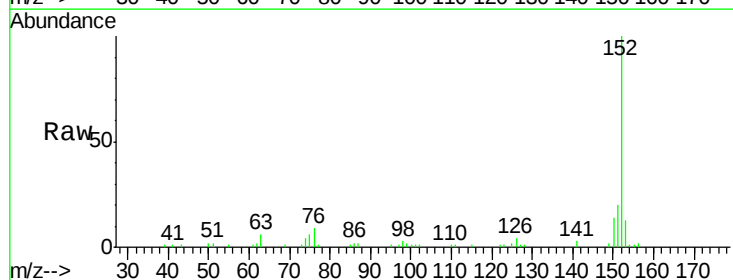
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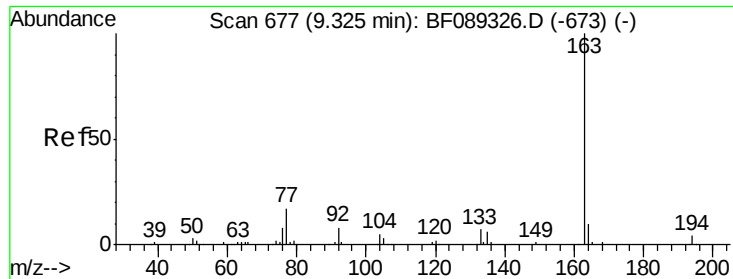
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#48
Acenaphthylene
Concen: 9.84 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	52834		
151	20.5	16.2	24.2	
153	13.0	10.2	15.4	





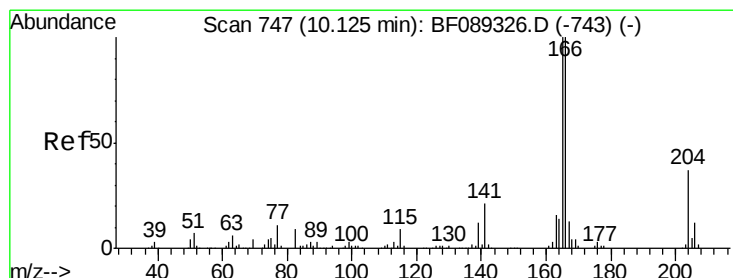
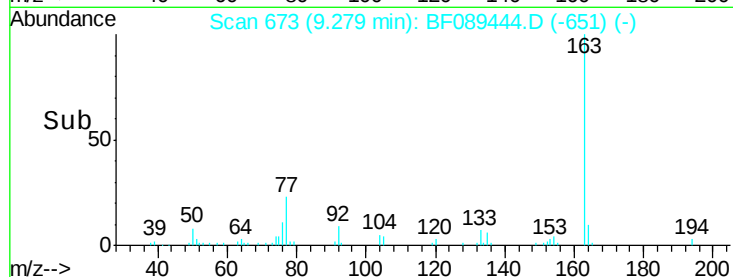
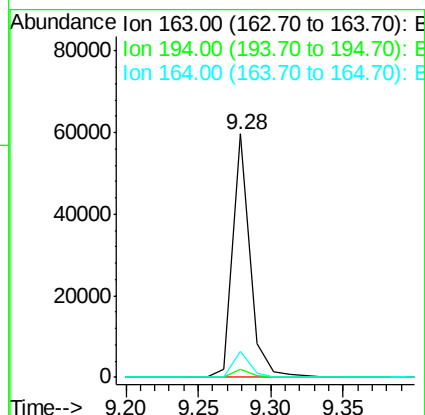
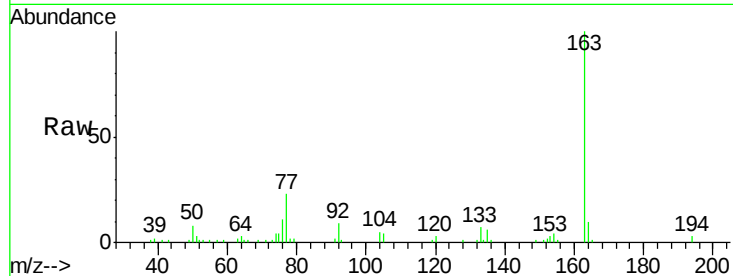
#49
Dimethylphthalate
Concen: 12.27 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	49754		
194	3.2		2.8	4.2
164	10.5		7.8	11.8

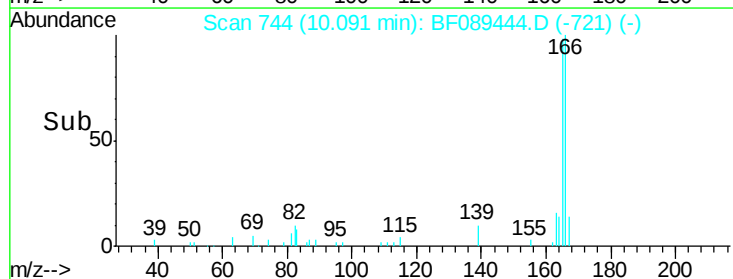
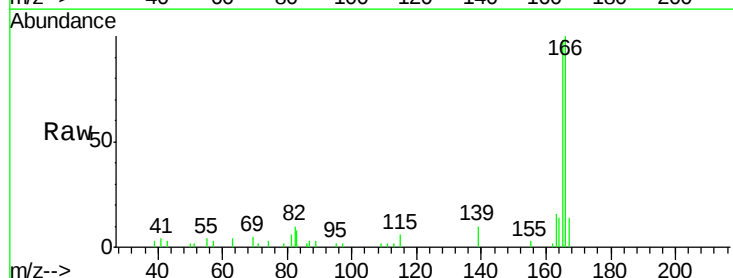
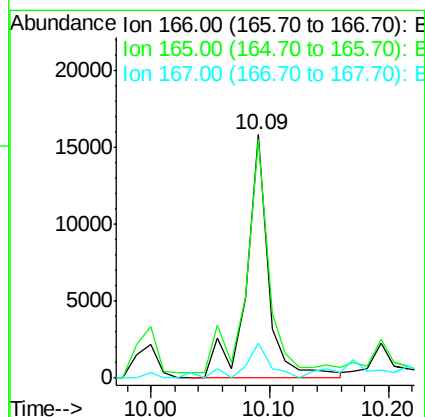
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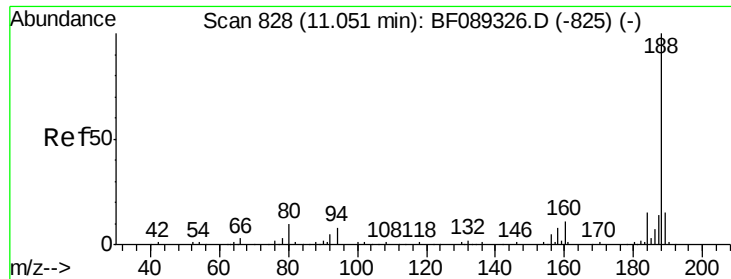
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#57
Fluorene
Concen: 5.58 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	20802		
165	98.0		79.0	118.4
167	14.5		10.2	15.2





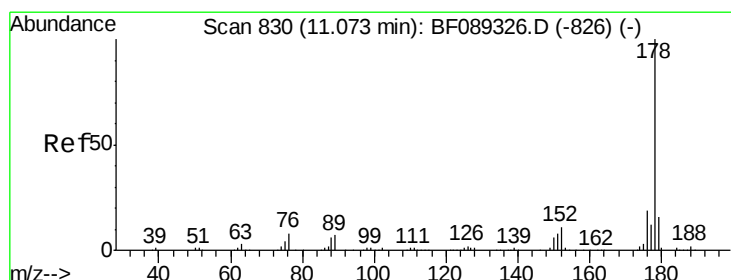
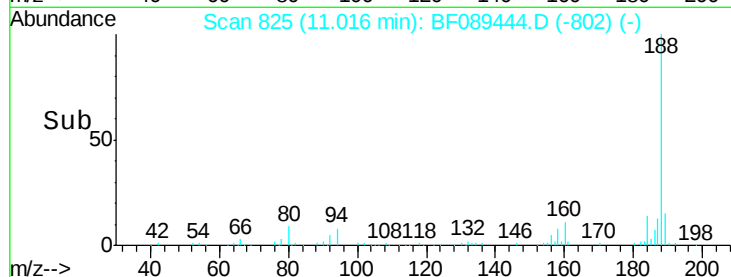
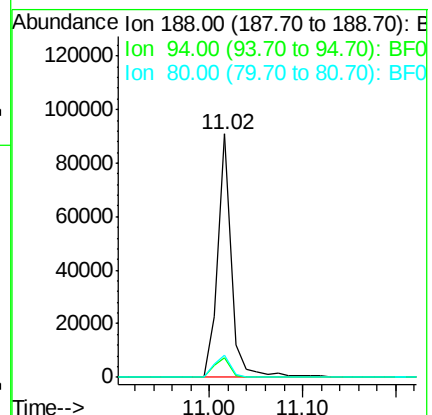
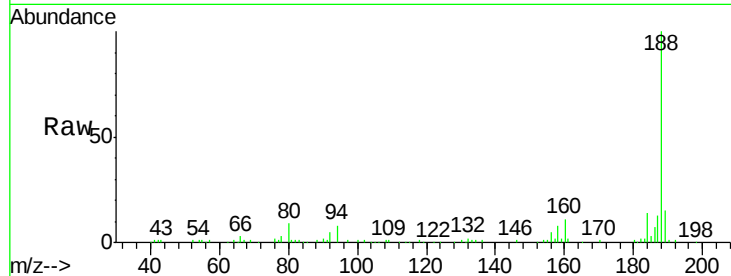
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	92752		
94	8.1	6.5	9.7	
80	8.9	7.2	10.8	

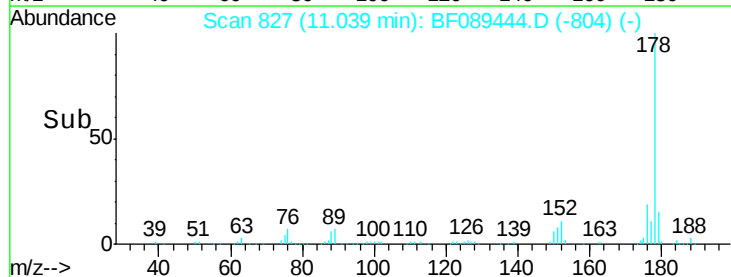
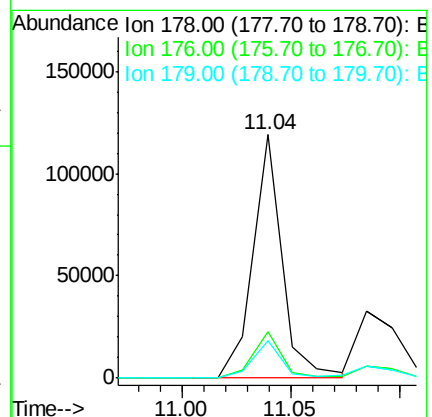
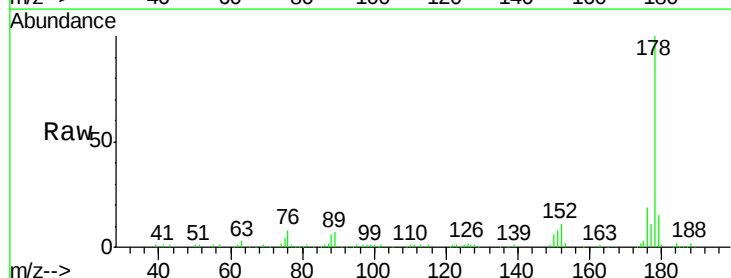
Manual Integrations
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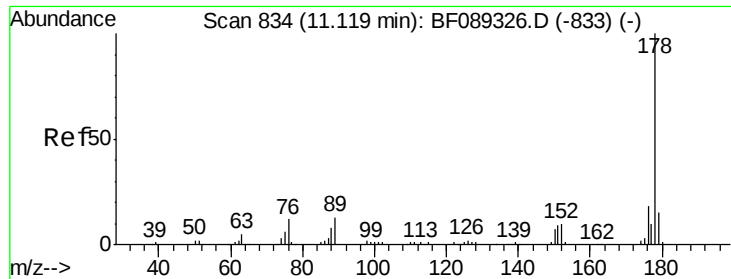
sohil
8/1/2016 7:00:17 PM



#70
Phenanthrene
Concen: 23.24 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111181		
176	19.0	15.5	23.3	
179	15.3	12.3	18.5	





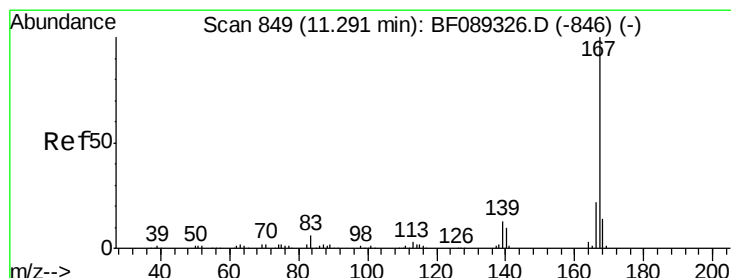
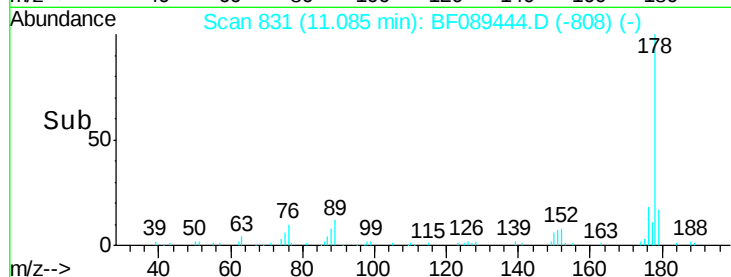
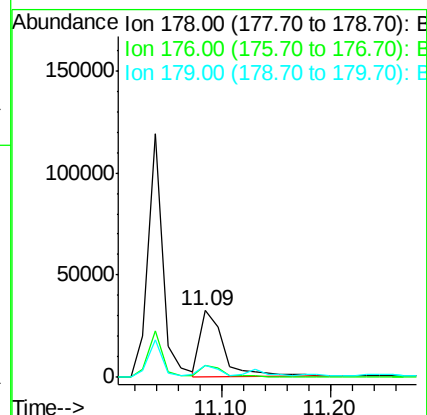
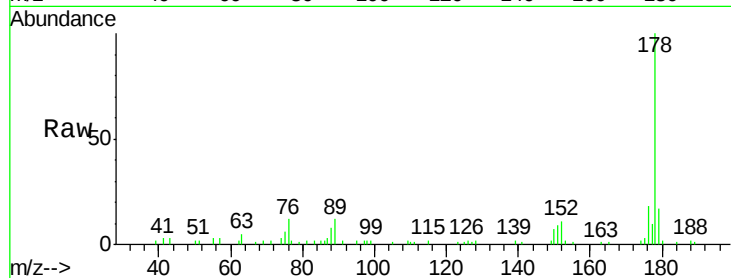
#71
 Anthracene
 Concen: 9.28 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089444.D
 Acq: 30 Jul 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	17.5	12.6	18.8

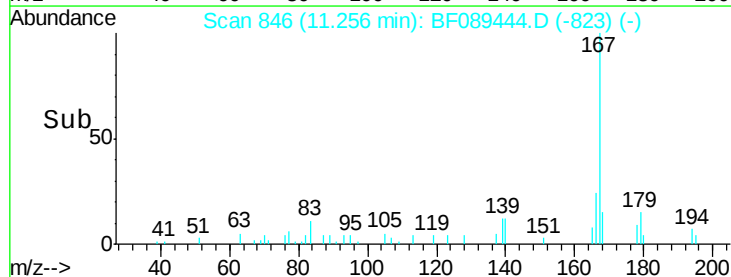
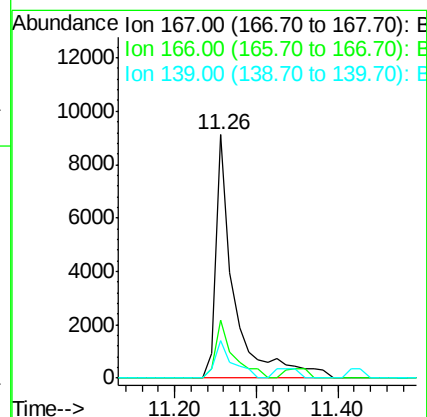
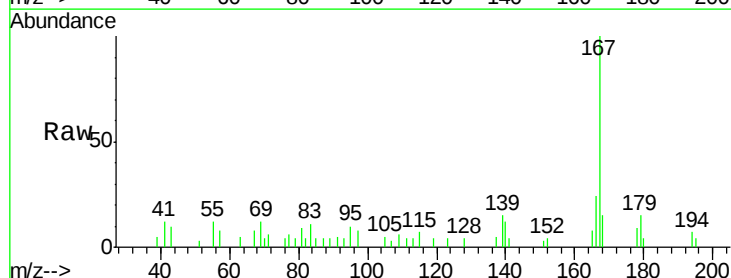
Manual Integrations
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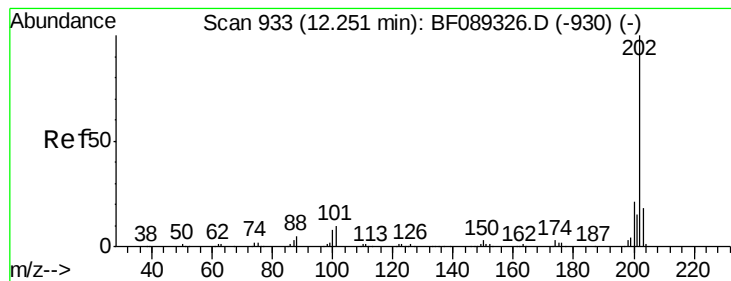
sohil
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#72
 Carbazole
 Concen: 3.20 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089444.D
 Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.6	26.4
139	15.4	10.1	15.1#





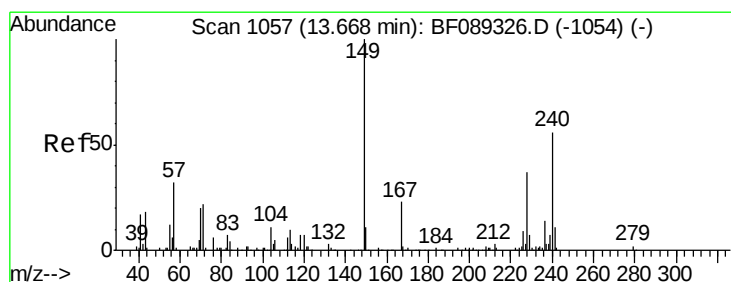
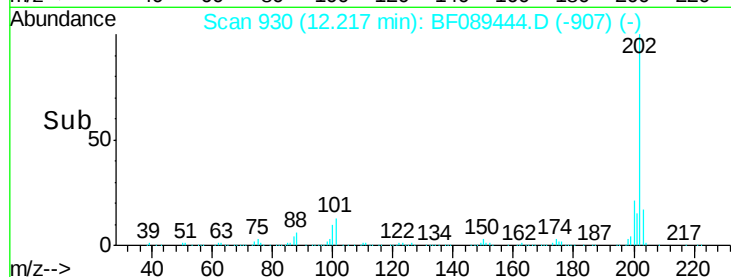
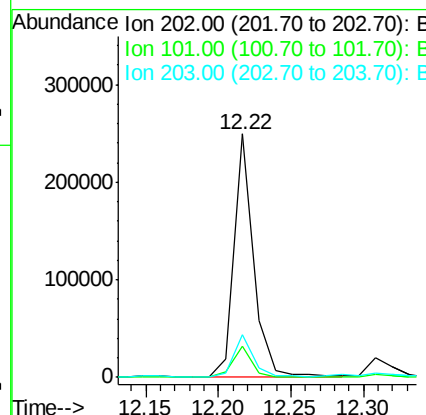
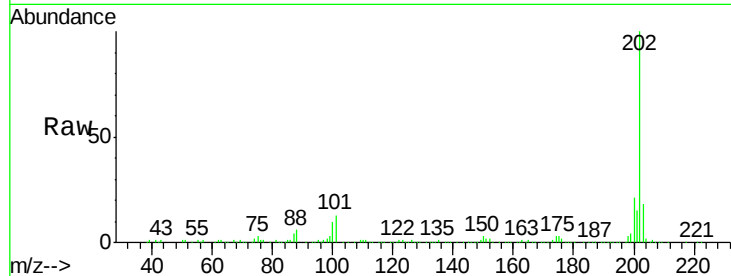
#74
 Fluoranthene
 Concen: 46.34 ng
 RT: 12.22 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF089444.D
 Acq: 30 Jul 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	0.0	29.9
203	17.5	0.0	37.3

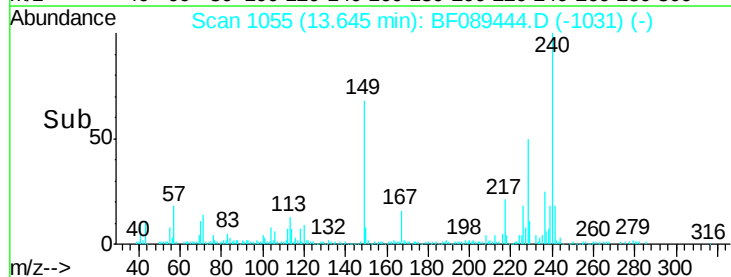
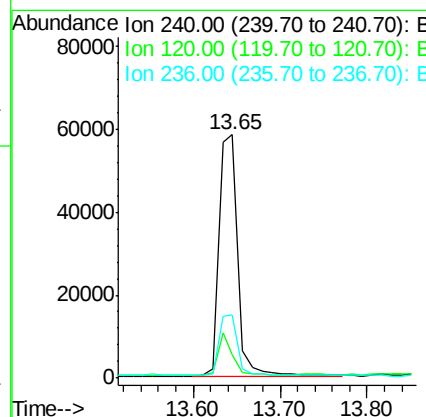
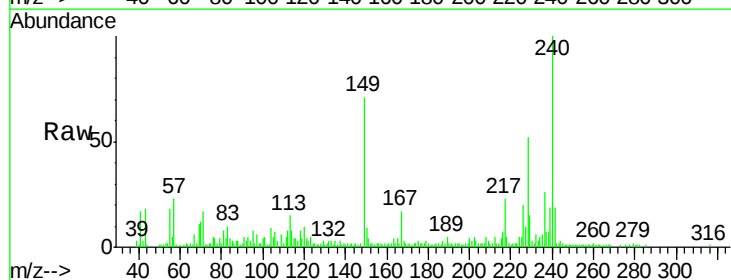
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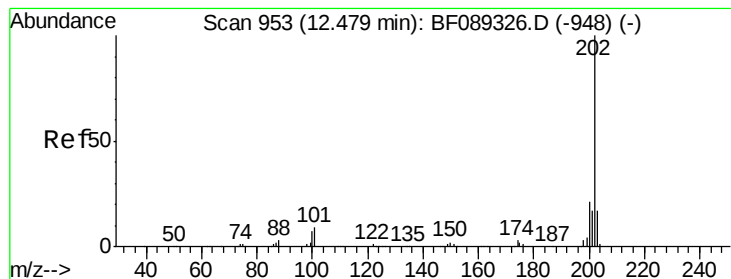
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF089444.D
 Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.8	9.1	13.7
236	25.9	20.6	30.8





#77

Pyrene

Concen: 34.07 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Instrument :

BNA_F

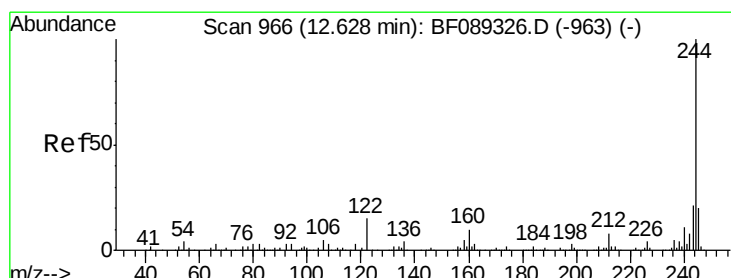
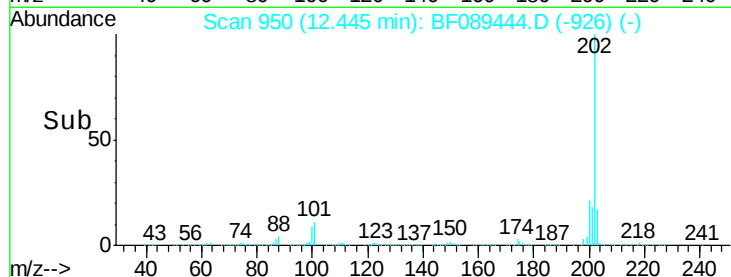
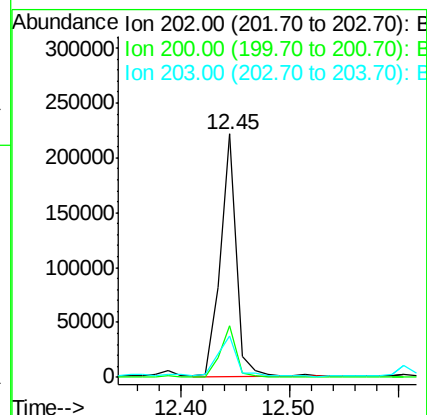
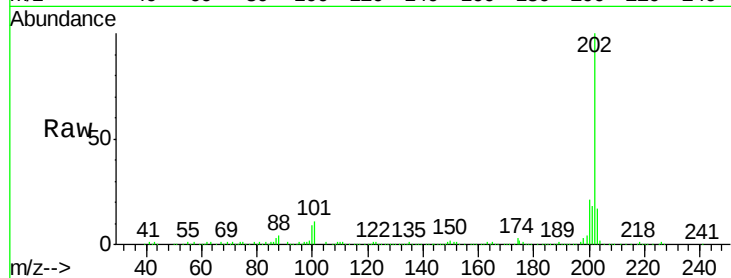
ClientSampleId :

SB-11-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	228337		
200	21.1	16.9	25.3	
203	17.1	14.0	21.0	

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#78

Terphenyl-d14

Concen: 57.95 ng

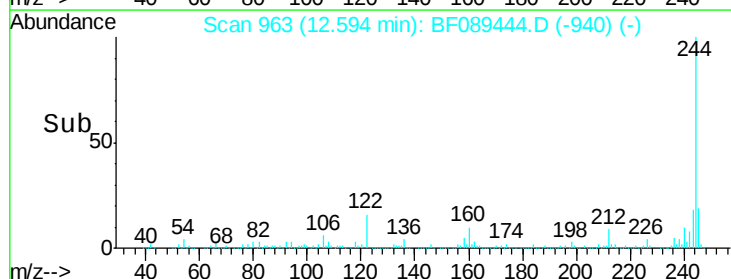
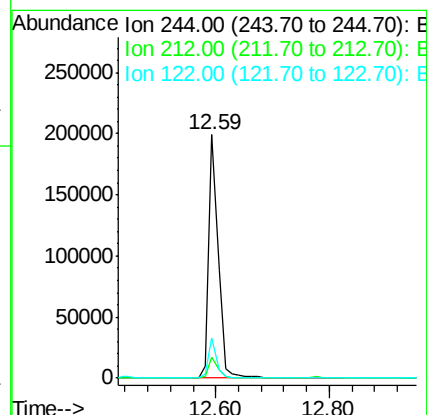
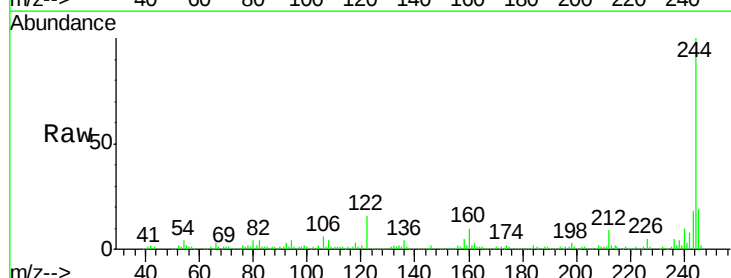
RT: 12.59 min Scan# 963

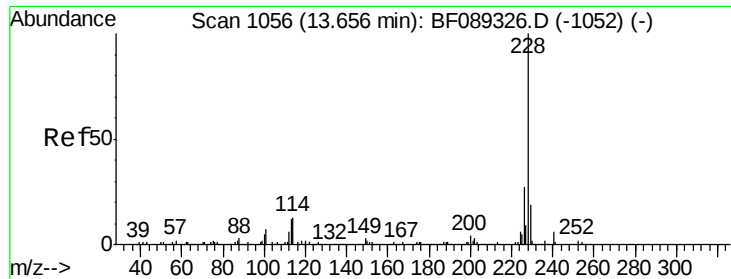
Delta R.T. -0.03 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	218924		
212	8.5	6.5	9.7	
122	16.3	11.4	17.0	





#80

Benzo(a)anthracene

Concen: 25.72 ng m

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Instrument :

BNA_F

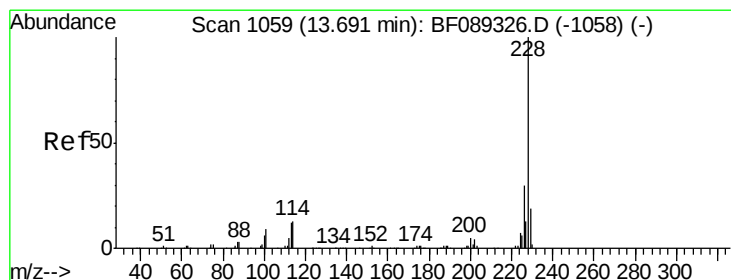
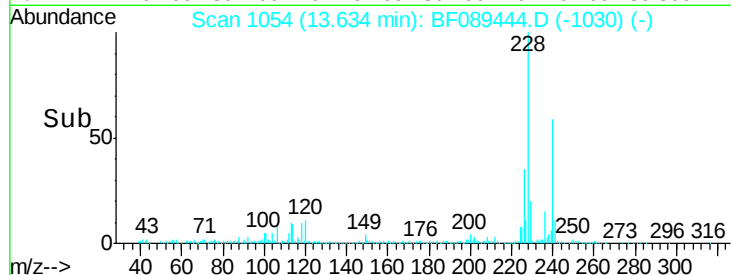
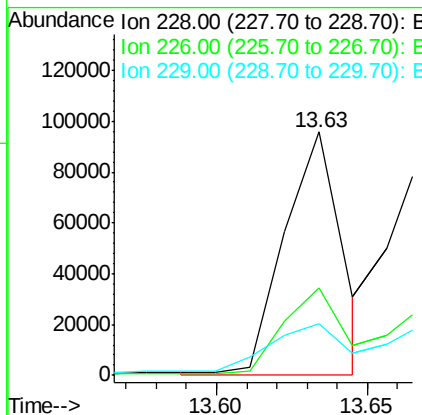
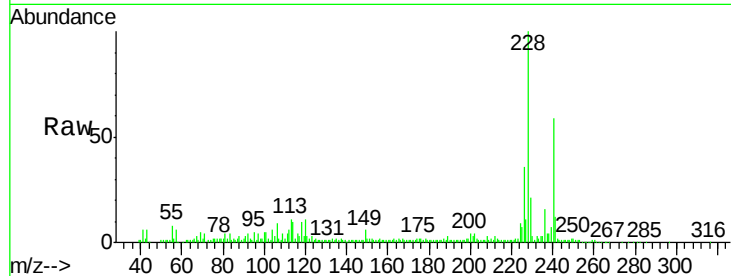
ClientSampleId :

SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.4	32.2#
229	21.1	15.9	23.9

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#82

Chrysene

Concen: 20.89 ng m

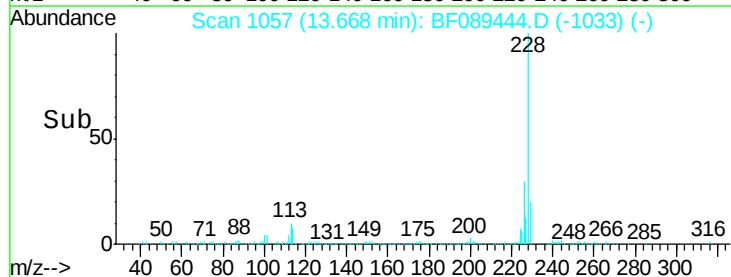
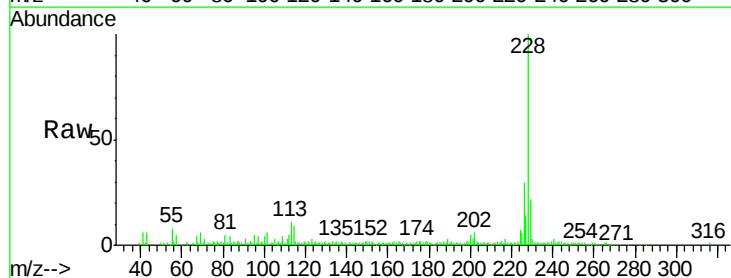
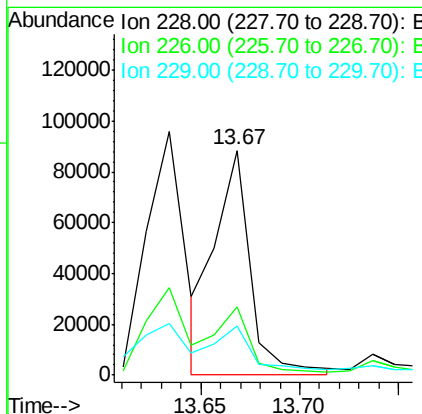
RT: 13.67 min Scan# 1057

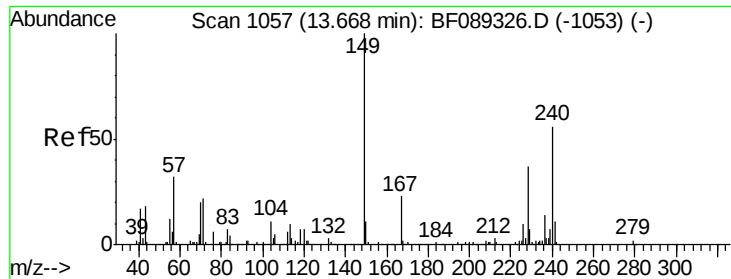
Delta R.T. -0.02 min

Lab File: BF089444.D

Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.1	15.9	23.9





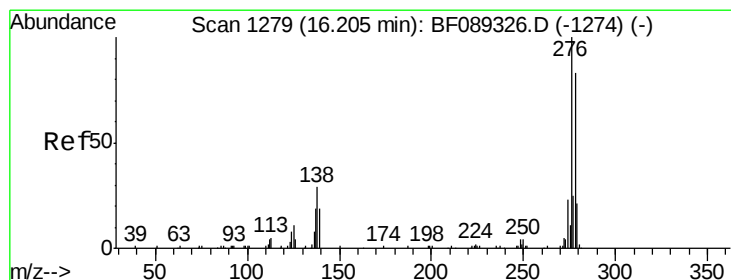
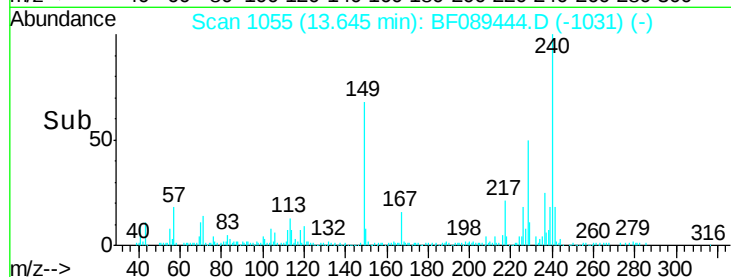
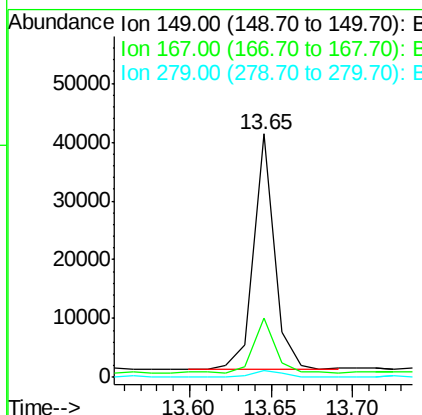
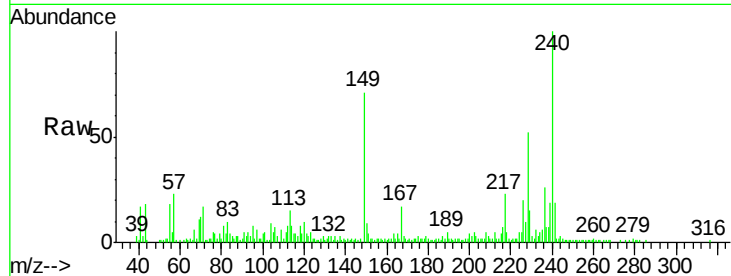
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.09 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	18.8	28.2
279	3.0	1.4	2.0

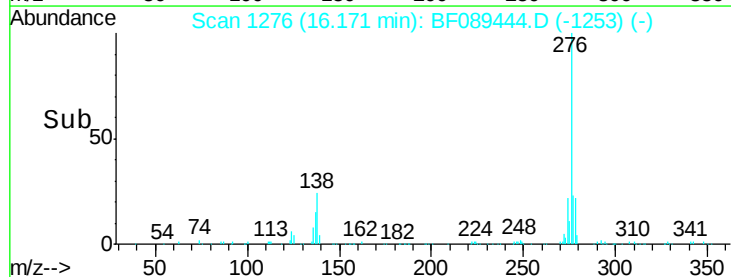
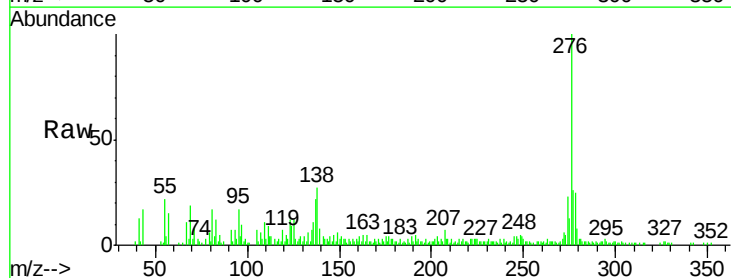
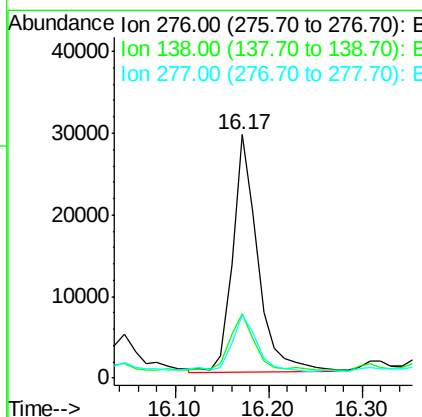
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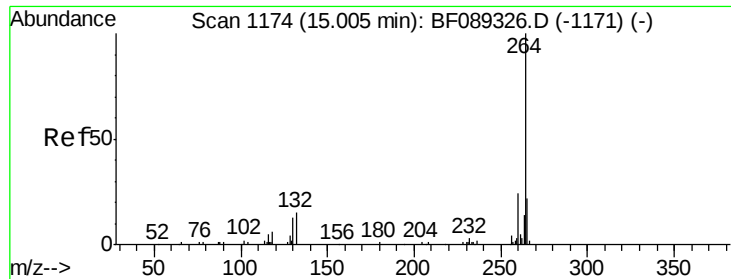
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#85
Indeno(1,2,3-cd)pyrene
Concen: 14.52 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.0	34.4
277	23.4	20.2	30.4





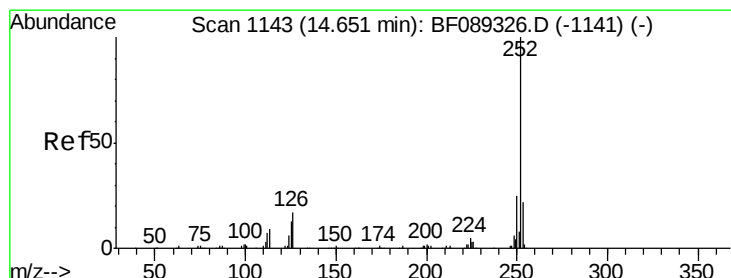
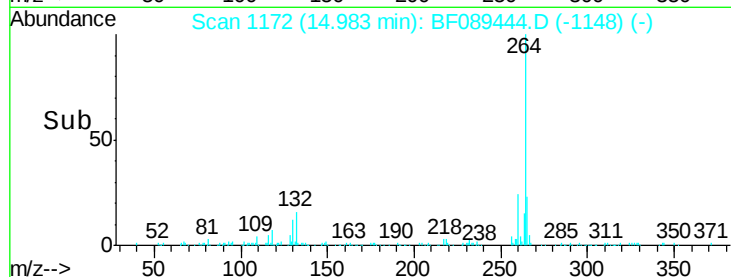
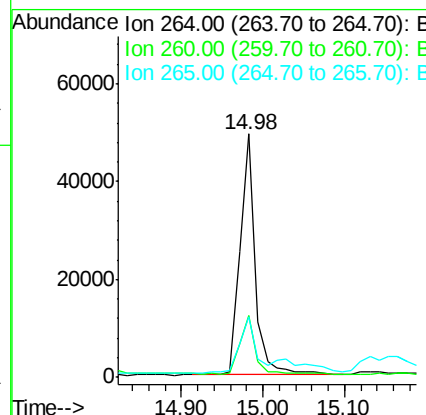
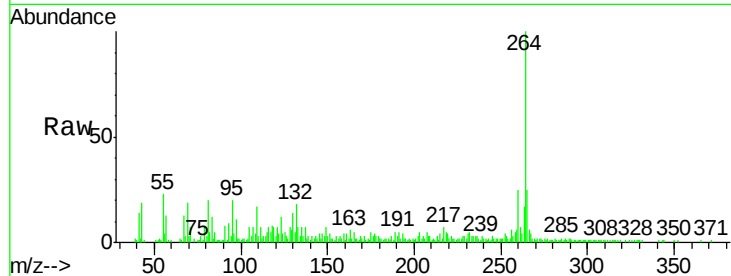
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	24.7	17.5	26.3

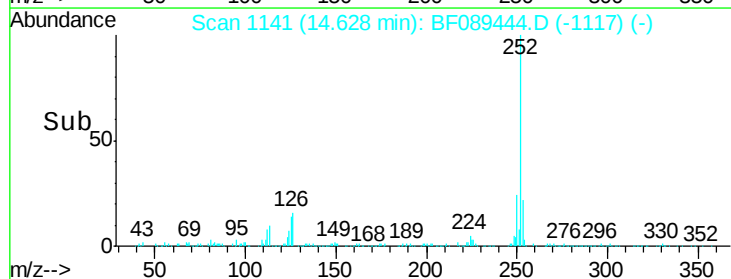
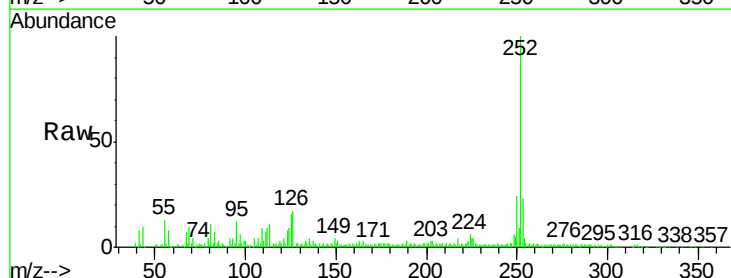
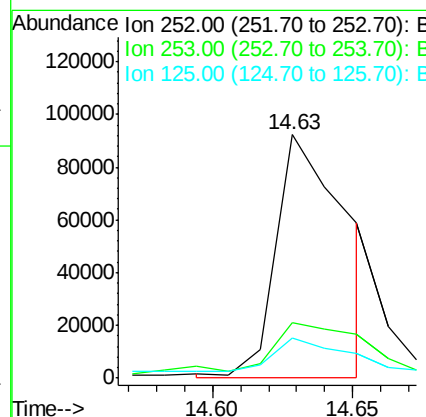
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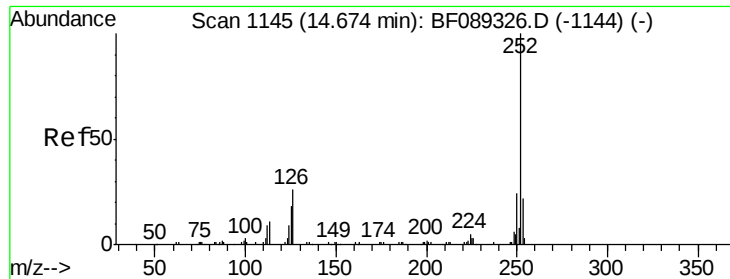
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#87
Benzo(b)fluoranthene
Concen: 40.27 ng m
RT: 14.63 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	16.4	9.7	14.5#





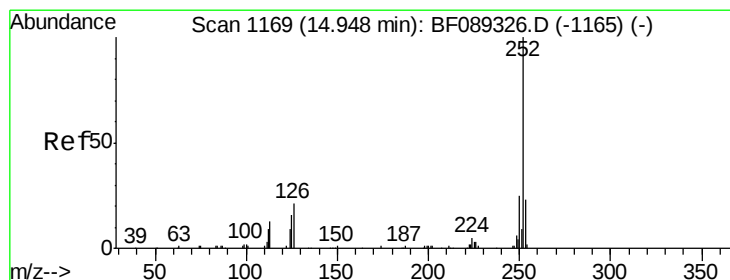
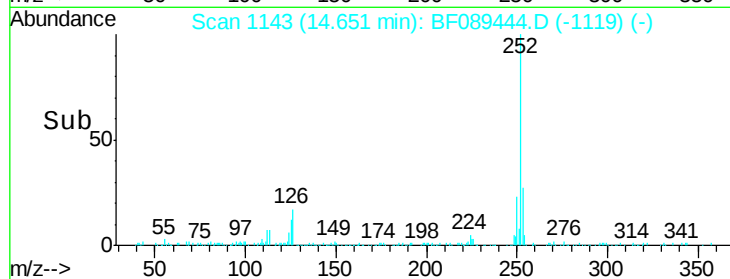
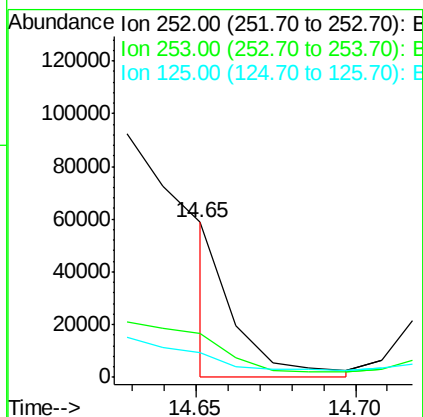
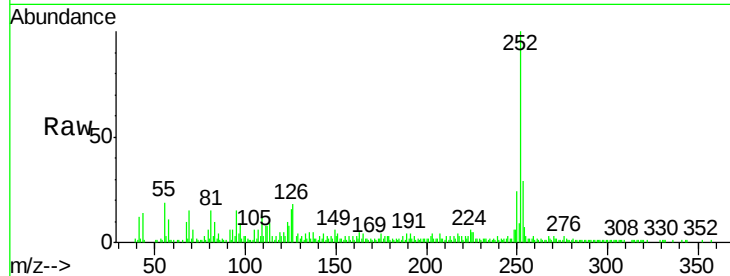
#88
Benzo(k)fluoranthene
Concen: 5.69 ng m
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.8#
125	15.7	10.7	16.1

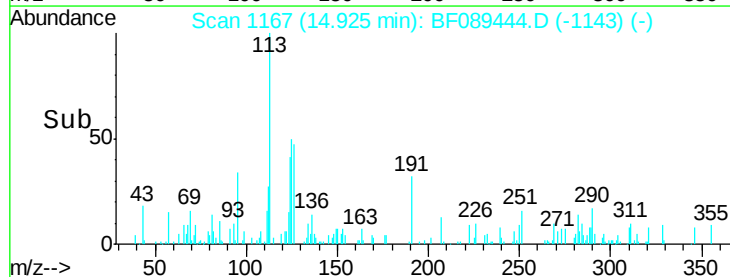
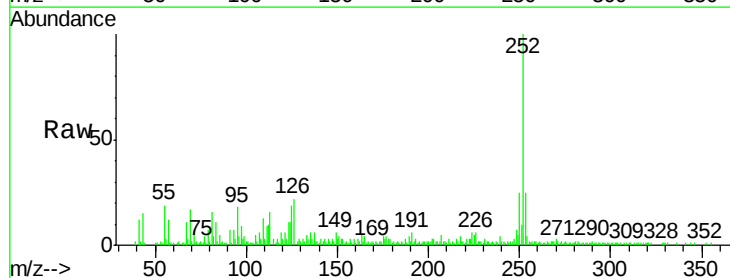
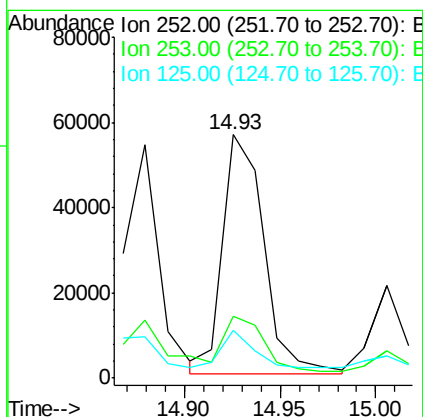
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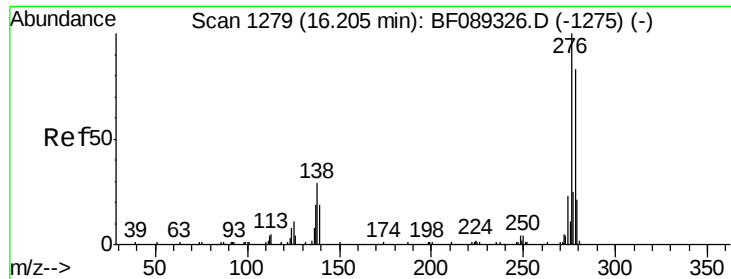
sohil
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#89
Benzo(a)pyrene
Concen: 23.61 ng m
RT: 14.93 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	19.4	12.4	18.6#





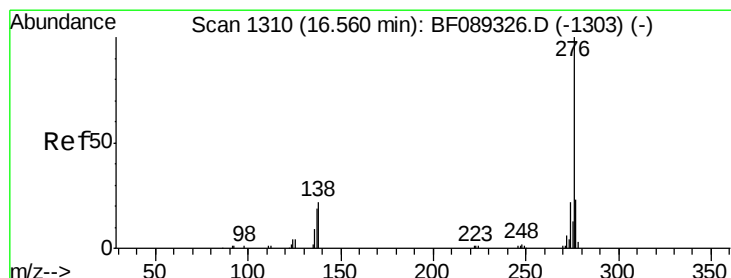
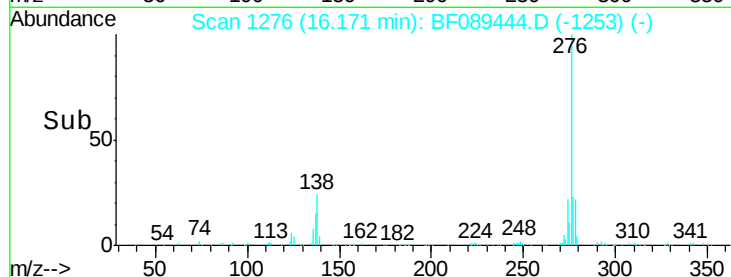
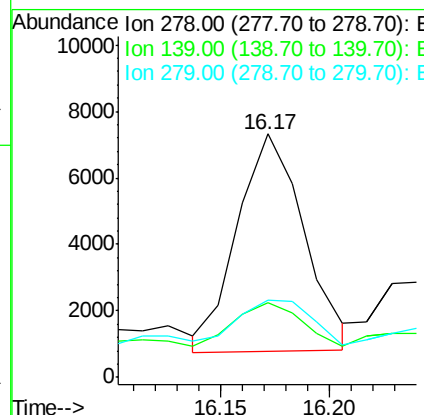
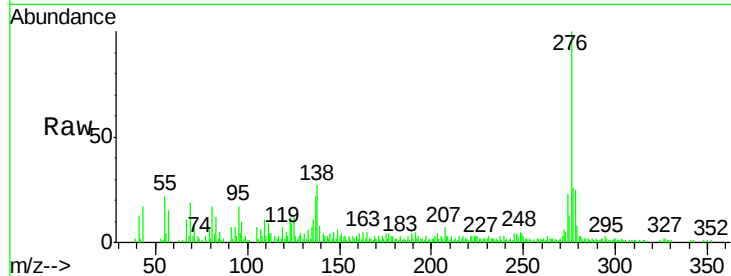
#90
Dibenzo(a,h)anthracene
Concen: 4.93 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.7	16.3	24.5#
279	31.5	19.1	28.7#

Manual Integrations
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8/1/2016 7:00:17 PM



#91
Benzo(g,h,i)perylene
Concen: 19.06 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF089444.D
Acq: 30 Jul 2016 8:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	25.1	21.4	32.0

