

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084771.D
 Acq On : 3 Feb 2016 4:22
 Operator : SJ/IZ
 Sample : H1306-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Manual Integrations
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 2/3/2016 6:25:48 PM

Quant Time: Feb 03 09:56:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170009	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	427499	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	254370	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	474427	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	439582	20.00	ng	-0.02
86) Perylene-d12	15.22	264	355402	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1321678	121.09	ng	0.00
7) Phenol-d6	6.36	99	1660441	122.71	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1073085	141.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	389246	146.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1580062	122.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1678014	86.50	ng	-0.01
Target Compounds						Qvalue
22) Acetophenone	7.10	105	531064m	47.13	ng	
31) Naphthalene	8.03	128	914640	42.65	ng	# 80
37) 2-Methylnaphthalene	8.73	142	2600277	193.75	ng	# 95
45) 1,1'-Biphenyl	9.18	154	346384	15.25	ng	98
51) Acenaphthene	9.79	154	197641	11.96	ng	# 90
57) Fluorene	10.30	166	372156	22.07	ng	# 88
70) Phenanthrene	11.26	178	1325813	50.38	ng	# 95
77) Pyrene	12.66	202	141571m	4.21	ng	

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

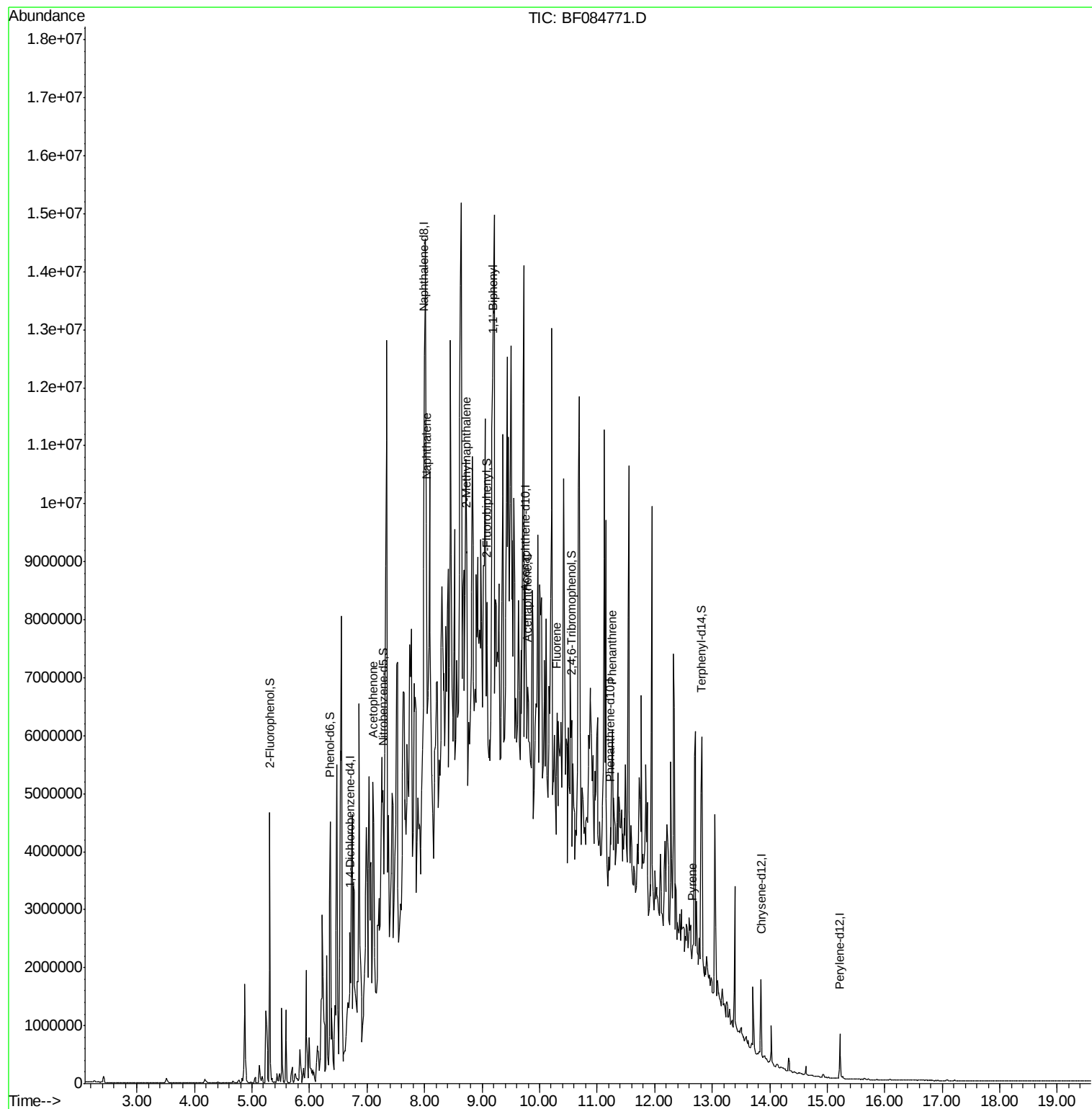
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084771.D
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Operator : SJ/IZ
Sample : H1306-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

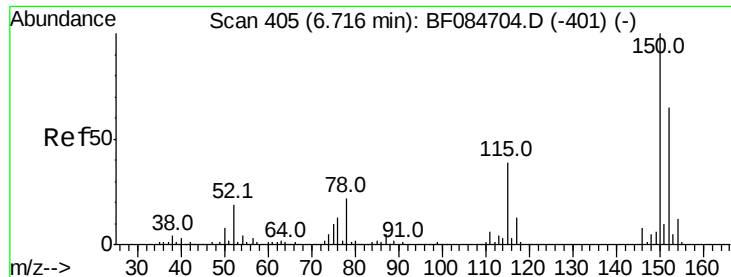
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Manual Integrations
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2/3/2016 6:25:48 PM

Quant Time: Feb 03 09:56:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

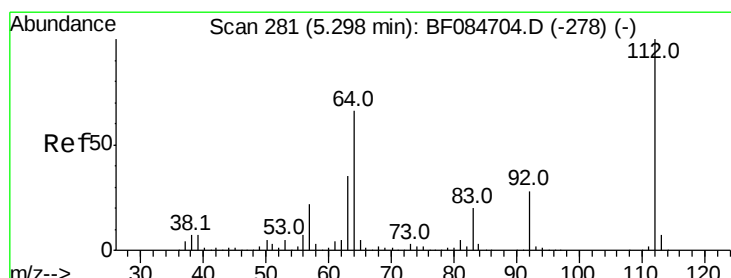
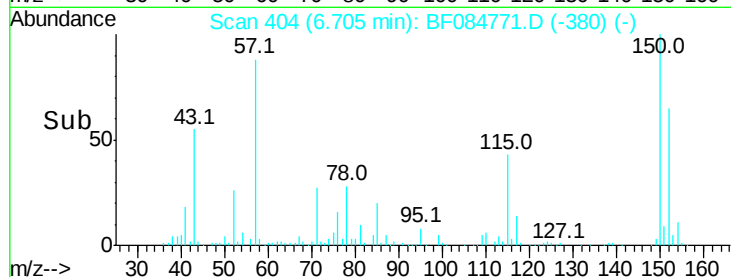
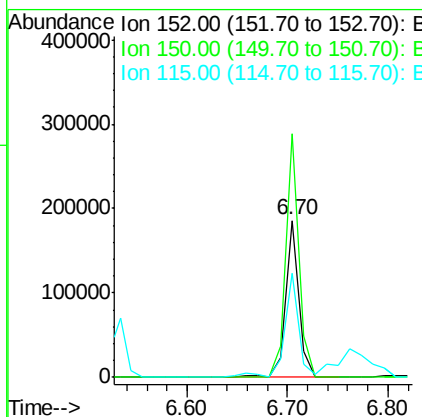
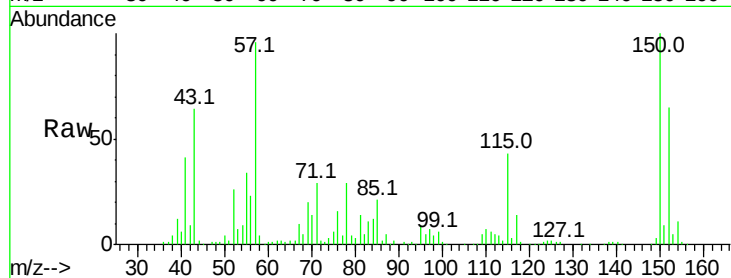
ClientSampleId :

BLFS-RL01

Tot Ion:	152	Resp:	170009
Ion Ratio	Lower	Upper	
152	100		
150	155.0	123.0	184.4
115	66.4	51.4	77.2

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#5

2-Fluorophenol

Concen: 121.09 ng

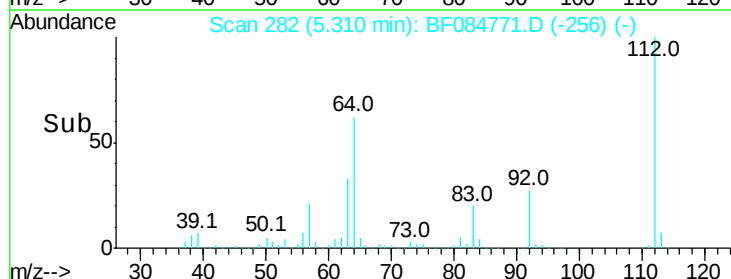
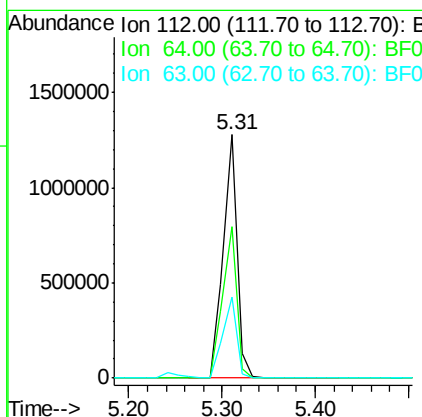
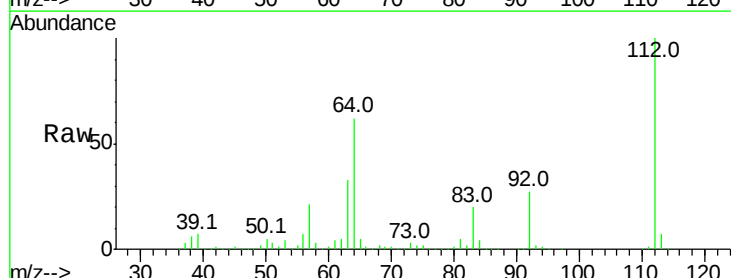
RT: 5.31 min Scan# 282

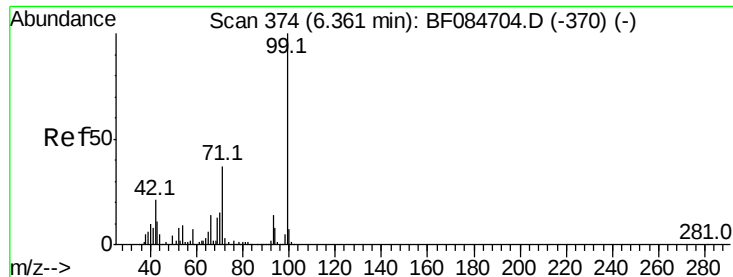
Delta R.T. 0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	112	Resp:	1321678
Ion Ratio	Lower	Upper	
112	100		
64	62.3	36.6	55.0#
63	33.3	19.4	29.0#





#7

Phenol-d6

Concen: 122.71 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion: 99 Resp: 1660441

Ion Ratio Lower Upper

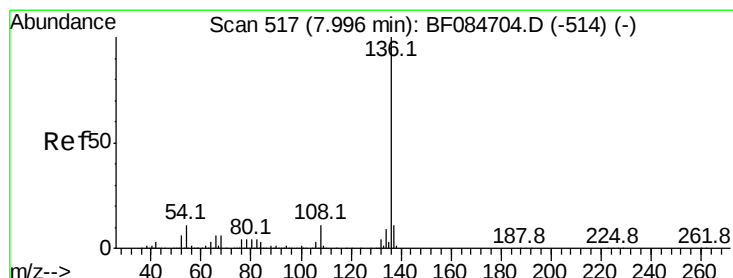
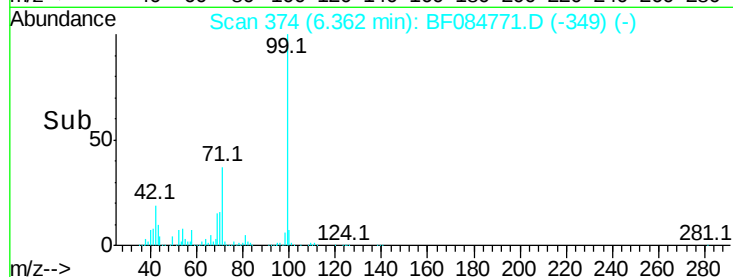
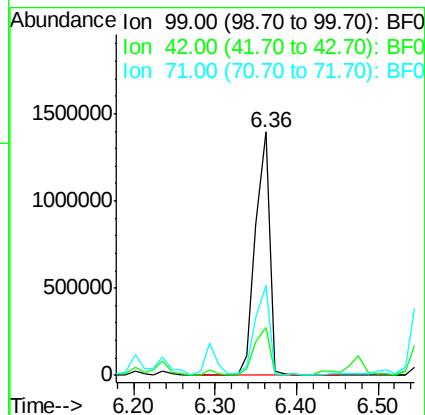
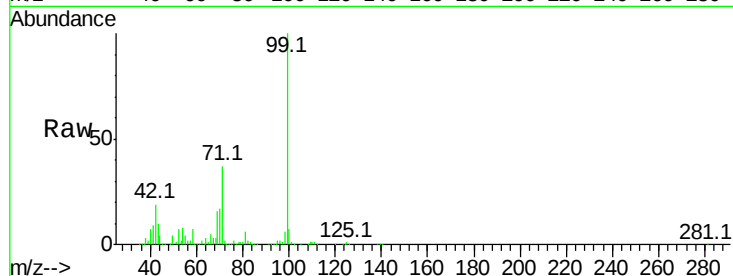
99 100

42 19.4 12.8 19.2#

71 37.1 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion: 136 Resp: 427499

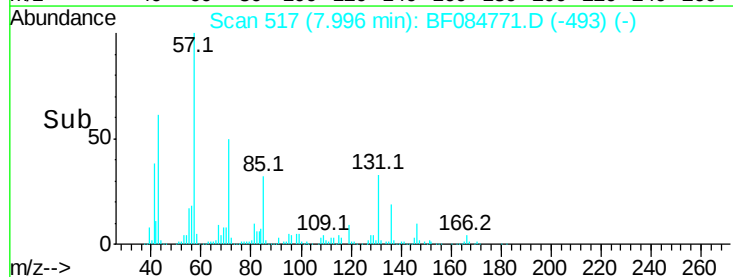
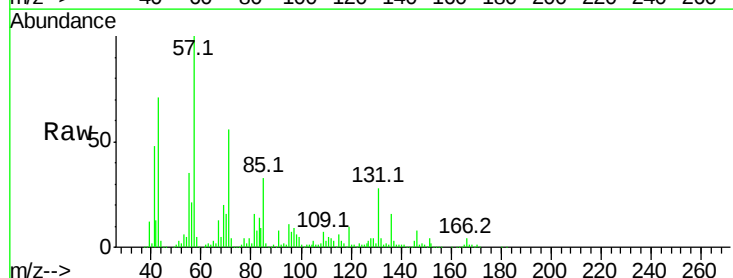
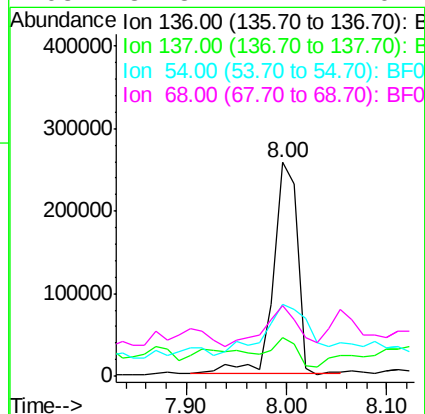
Ion Ratio Lower Upper

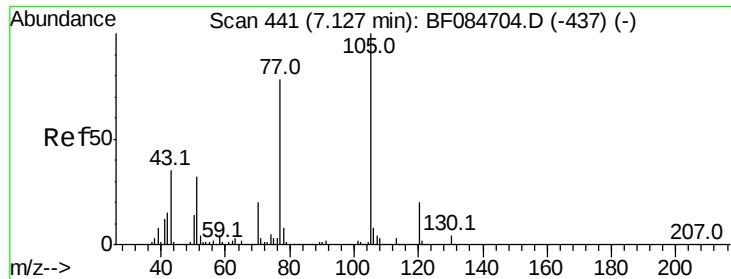
136 100

137 18.3 8.7 13.1#

54 33.7 5.8 8.8#

68 32.8 4.2 6.2#





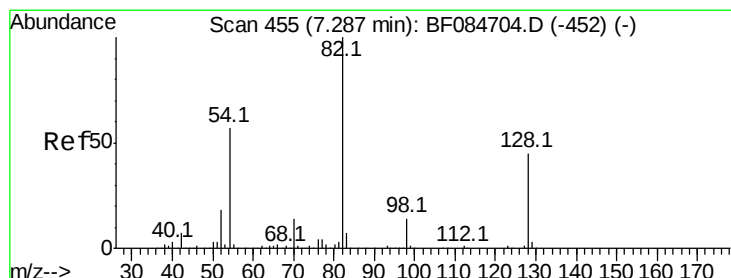
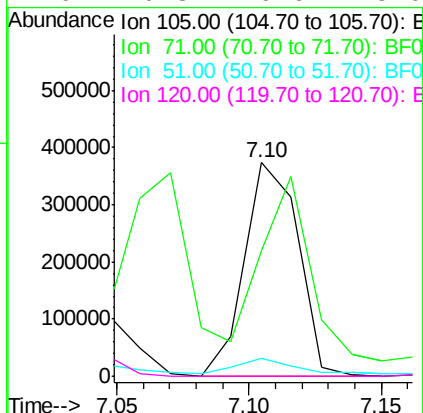
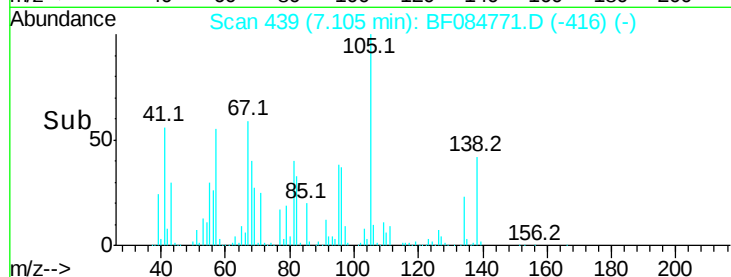
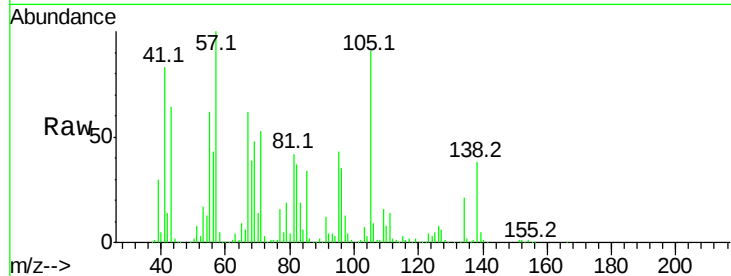
#22
Acetophenone
Concen: 47.13 ng/ml
RT: 7.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion	Ratio	Lower	Upper
105	100		
71	58.7	3.7	5.5#
51	8.3	25.1	37.7#
120	0.3	16.6	25.0#

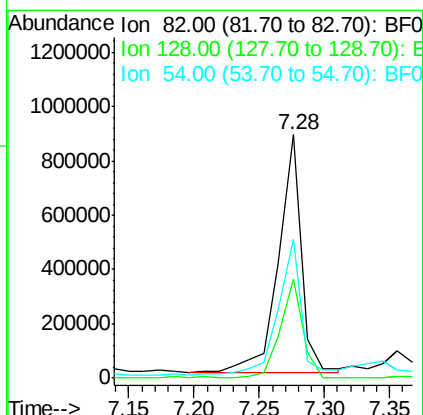
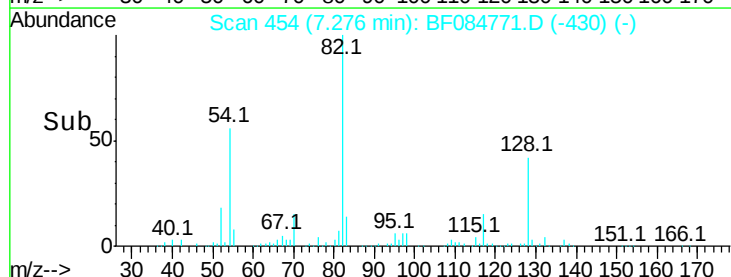
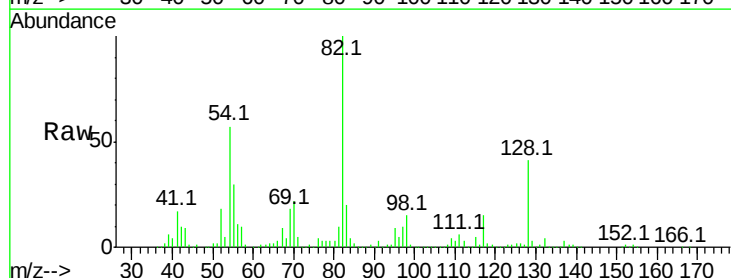
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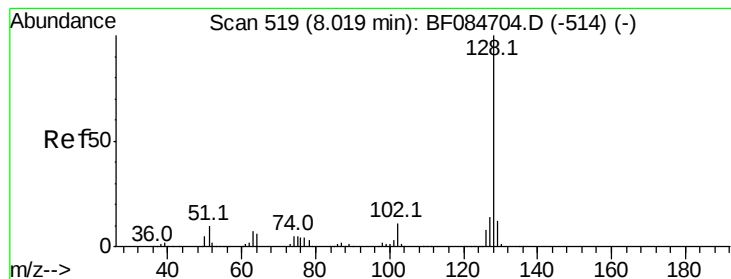
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#23
Nitrobenzene-d5
Concen: 141.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	51.8
54	56.7	38.4	57.6





#31

Naphthalene

Concen: 42.65 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

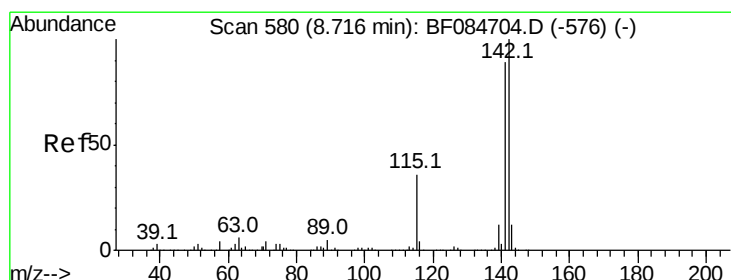
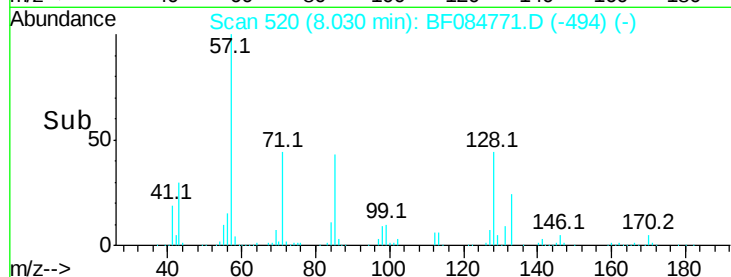
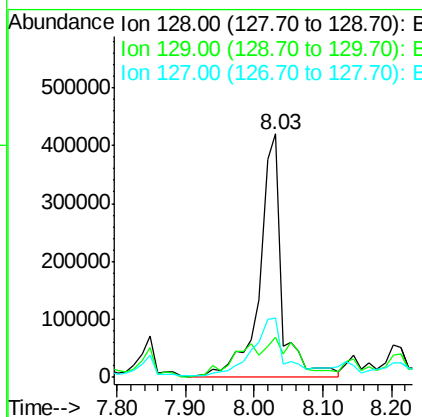
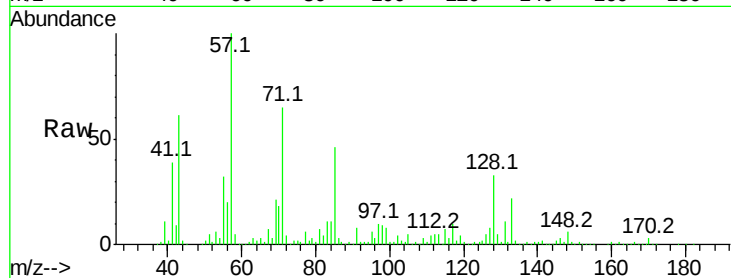
ClientSampleId :

BLFS-RL01

Tot Ion:	128	Resp:	914640
Ion Ratio	Lower	Upper	
128	100		
129	16.3	9.1	13.7#
127	24.2	11.1	16.7#

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#37

2-Methylnaphthalene

Concen: 193.75 ng

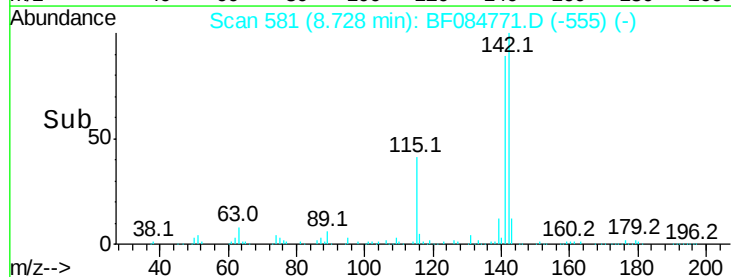
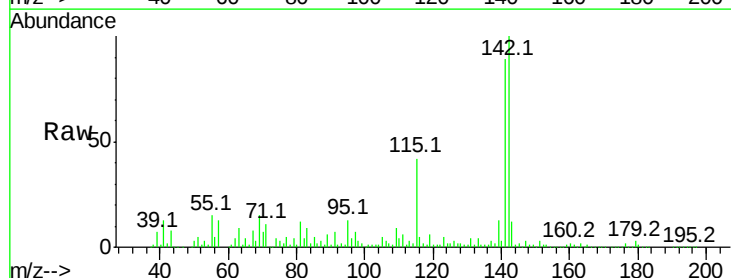
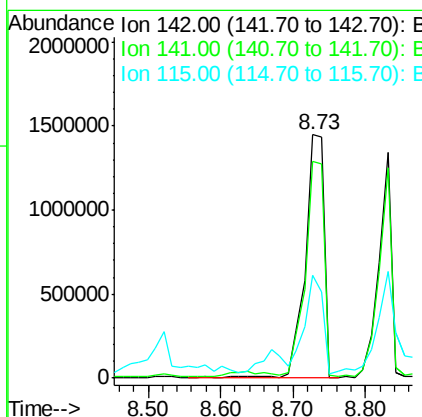
RT: 8.73 min Scan# 581

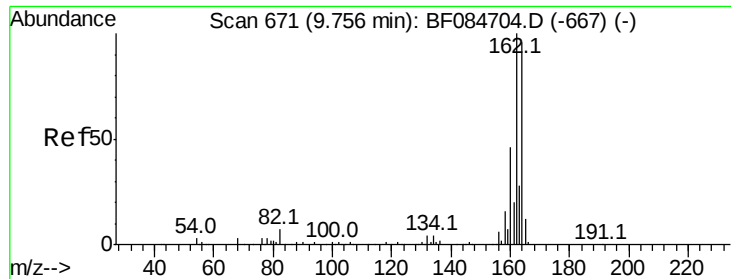
Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	142	Resp:	2600277
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.4	108.6
115	42.2	27.9	41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

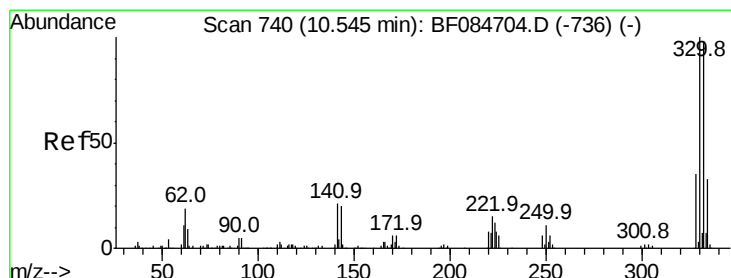
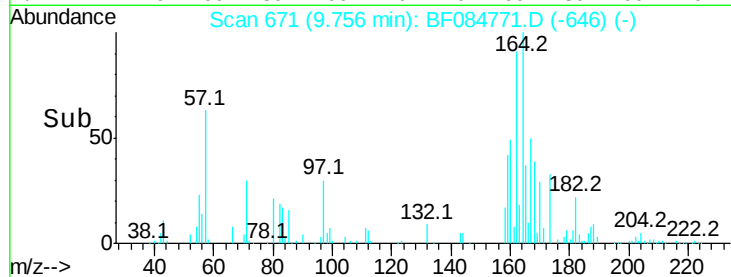
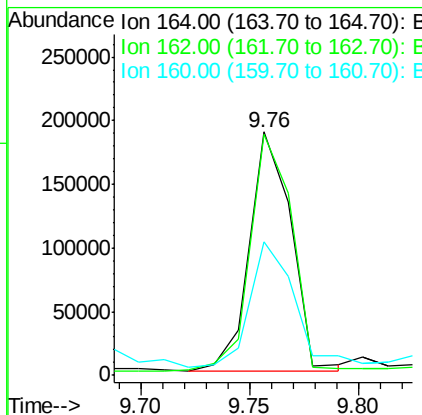
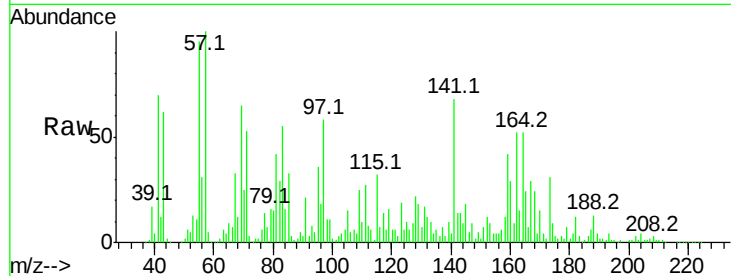
ClientSampleId :

BLFS-RL01

Tot Ion:	164	Resp:	254370
Ion Ratio	Lower	Upper	
164	100		
162	98.8	85.1	127.7
160	54.6	37.5	56.3

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#41

2,4,6-Tribromophenol

Concen: 146.70 ng

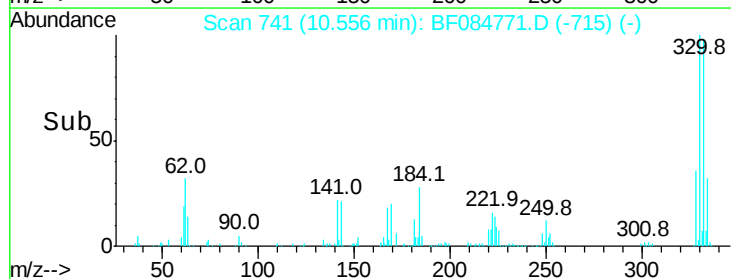
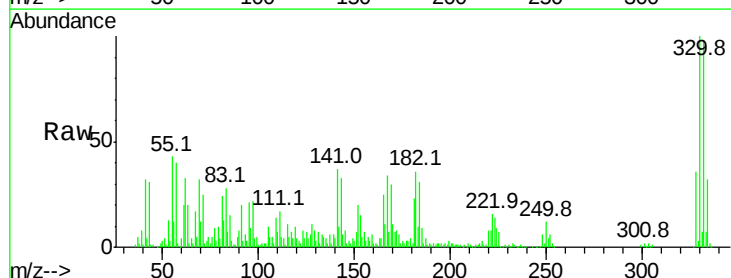
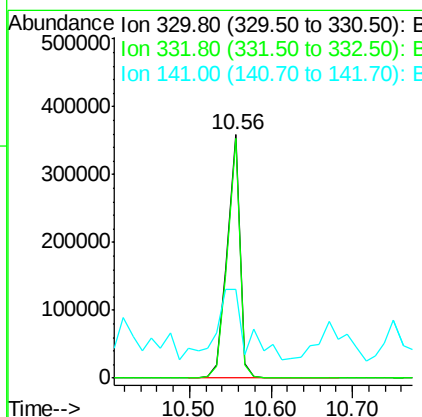
RT: 10.56 min Scan# 741

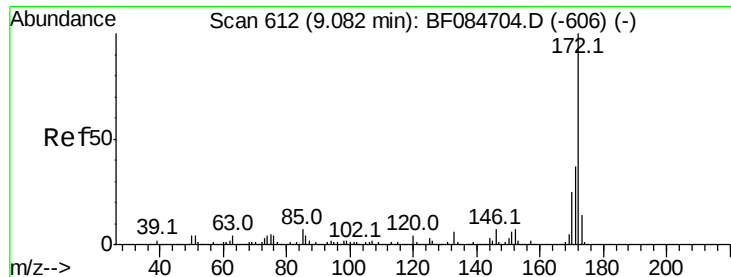
Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	330	Resp:	389246
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	114.8
141	59.9	27.8	41.6#





#44

2-Fluorobiphenyl

Concen: 122.78 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion:172 Resp: 1580062

Ion Ratio Lower Upper

172 100

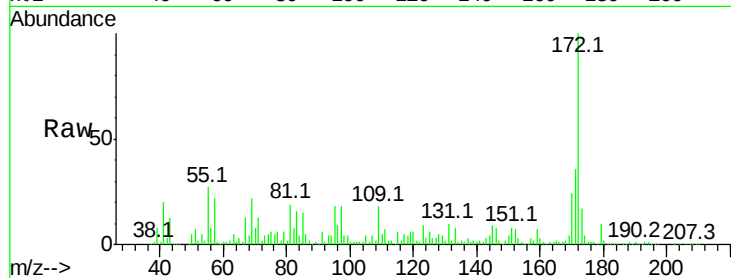
171 36.3 28.9 43.3

170 24.3 18.6 27.8

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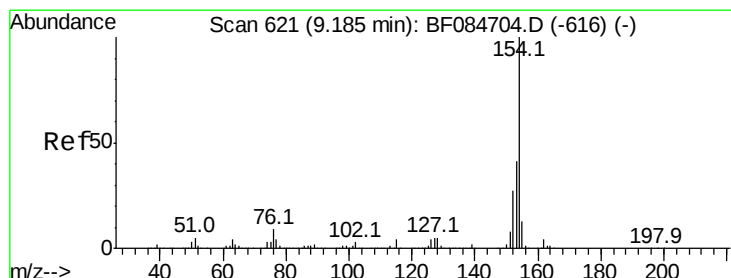
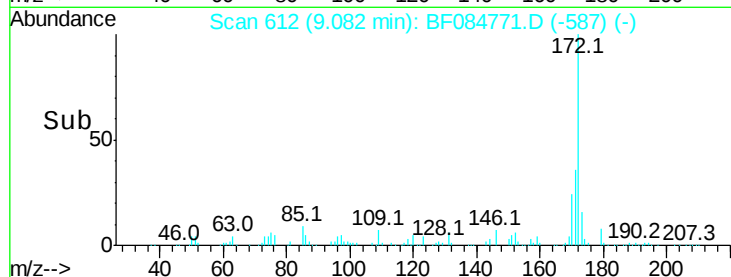
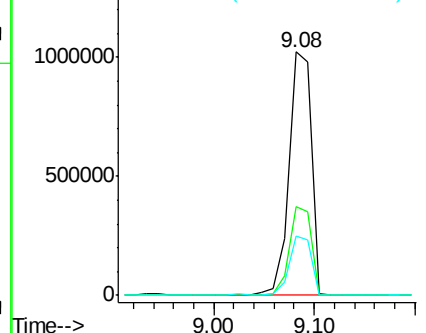
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 15.25 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

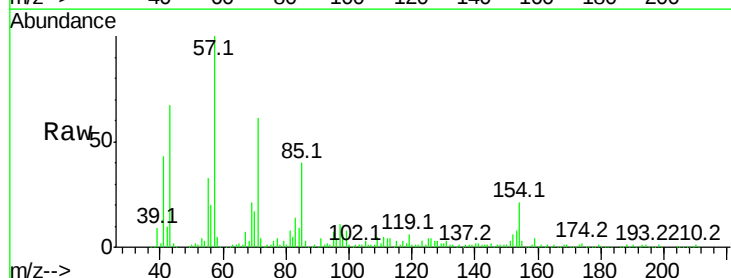
Tgt Ion:154 Resp: 346384

Ion Ratio Lower Upper

154 100

153 40.2 21.6 61.6

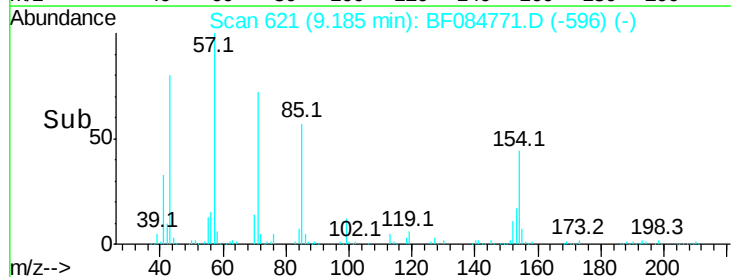
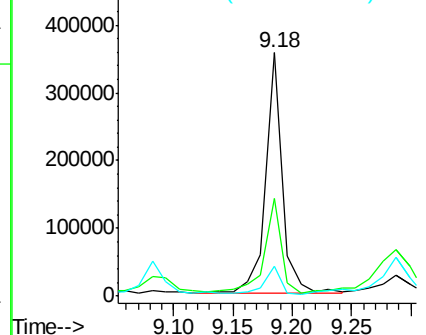
76 12.1 0.0 32.7

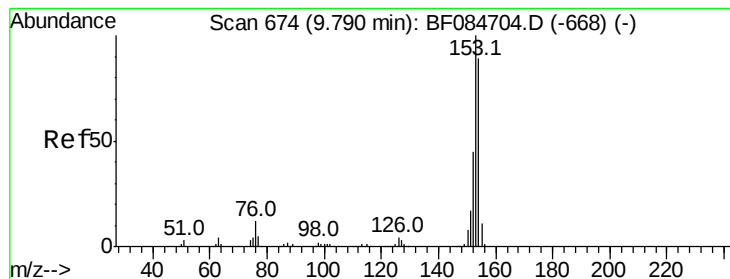


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#51

Acenaphthene

Concen: 11.96 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

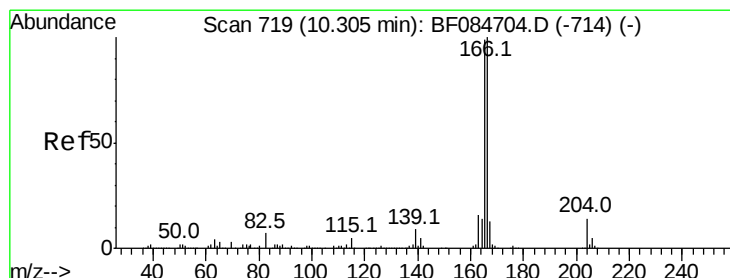
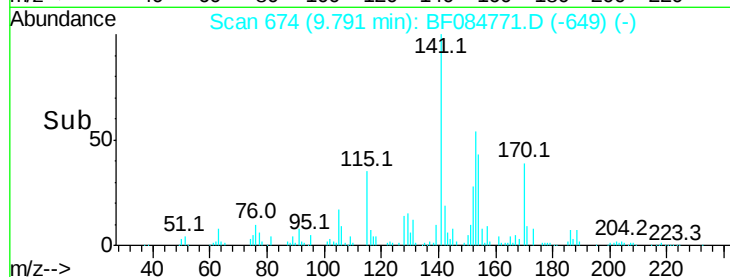
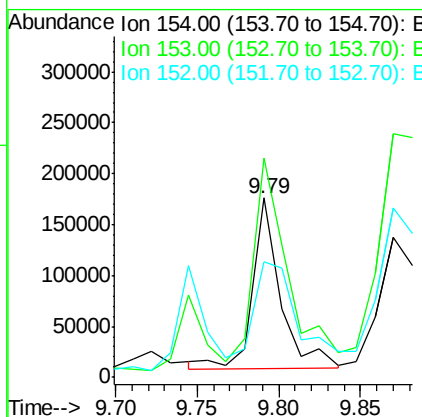
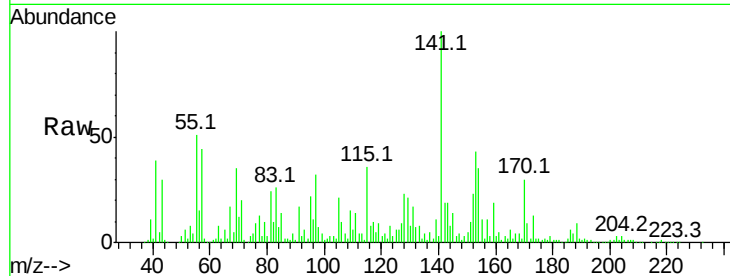
ClientSampleId :

BLFS-RL01

Tot Ion:	154	Resp:	197641
Ion Ratio	Lower	Upper	
154	100		
153	122.5	91.5	137.3
152	64.6	43.0	64.6#

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#57

Fluorene

Concen: 22.07 ng

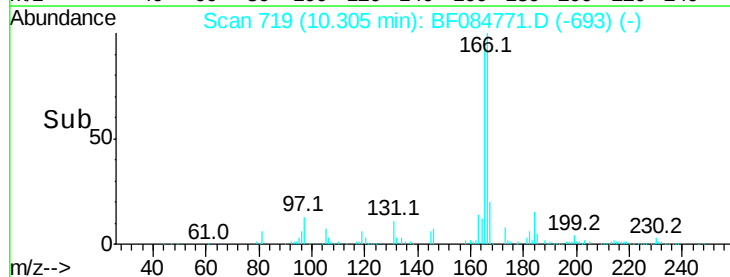
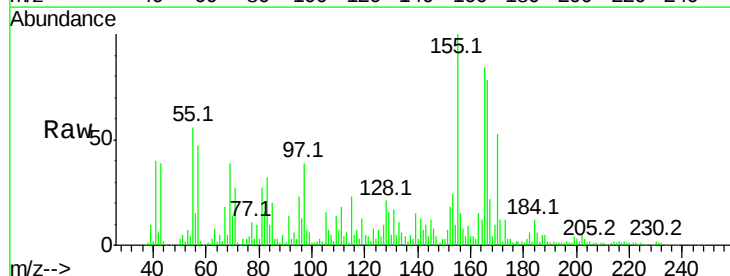
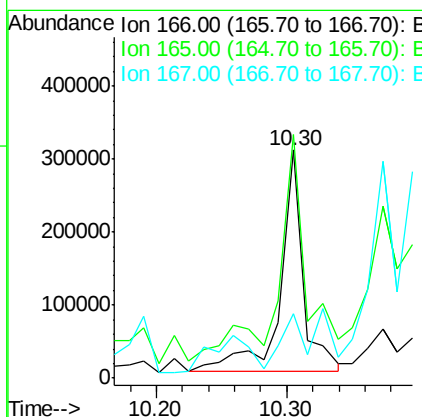
RT: 10.30 min Scan# 719

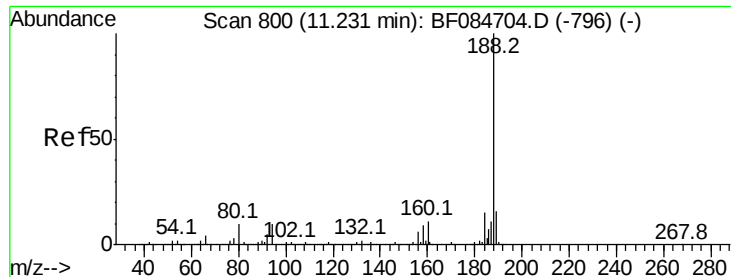
Delta R.T. 0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	166	Resp:	372156
Ion Ratio	Lower	Upper	
166	100		
165	106.9	79.1	118.7
167	28.4	10.4	15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

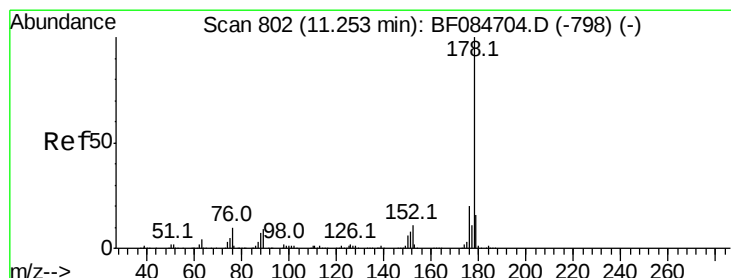
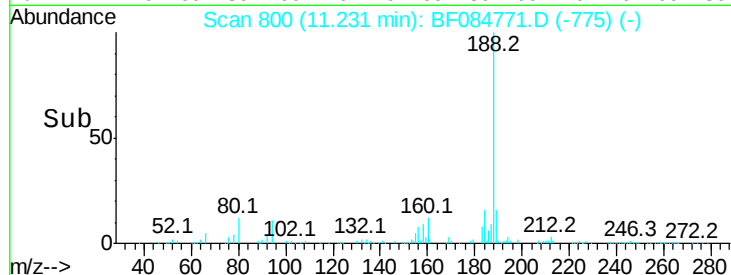
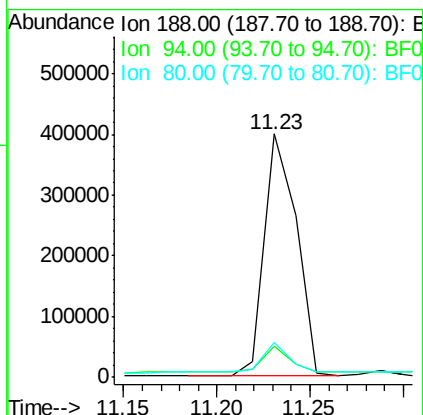
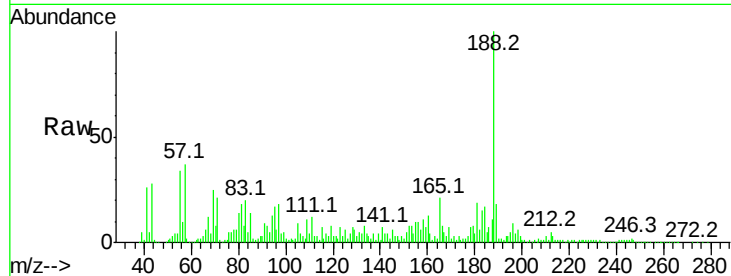
ClientSampleId :

BLFS-RL01

Tot Ion:	188	Resp:	474427
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.0	13.4
80	14.2	9.6	14.4

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#70

Phenanthrene

Concen: 50.38 ng

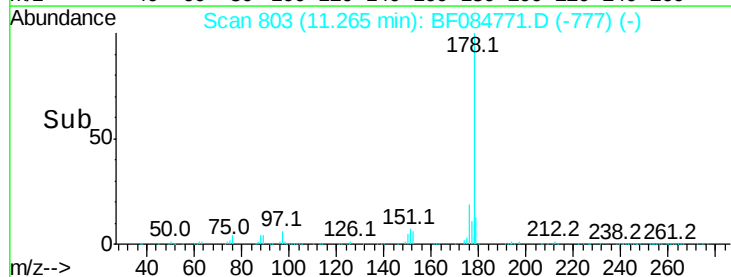
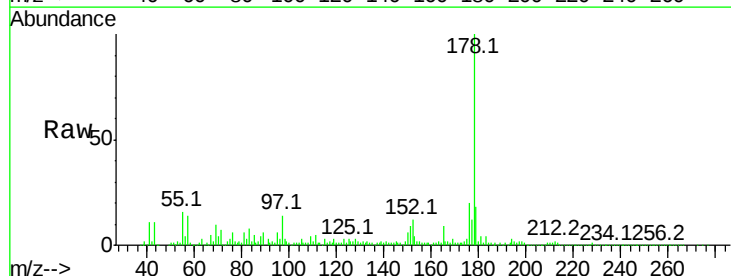
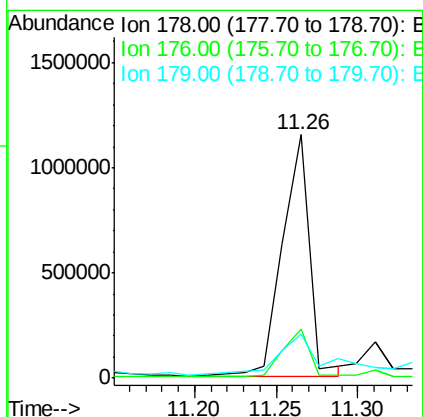
RT: 11.26 min Scan# 803

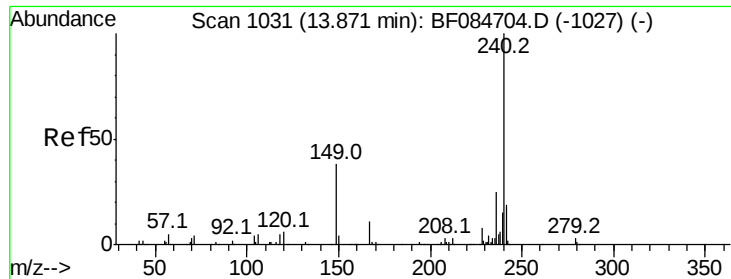
Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	178	Resp:	1325813
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.3	22.9
179	18.3	12.0	18.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

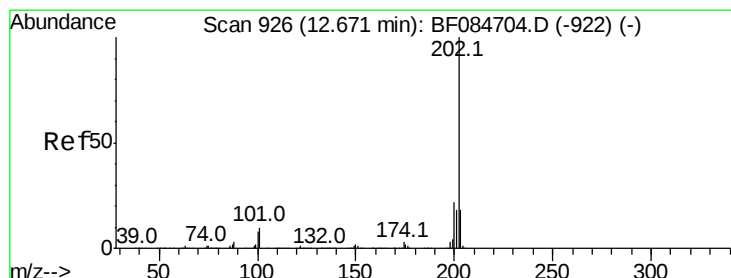
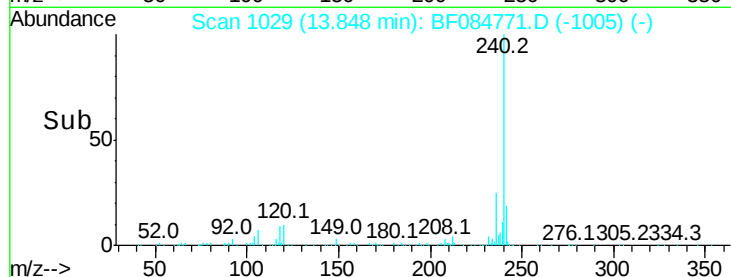
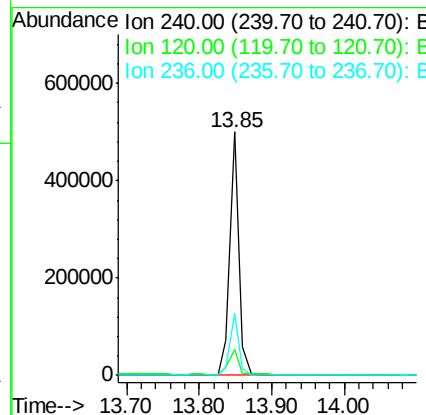
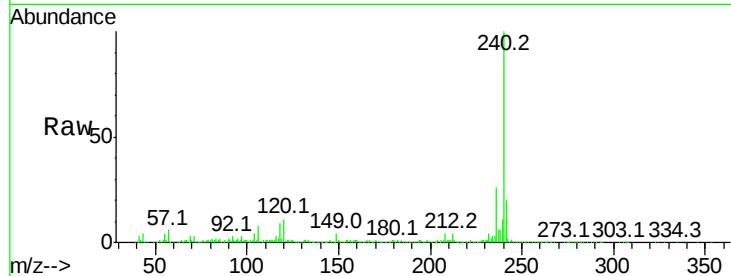
ClientSampleId :

BLFS-RL01

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	20.6	31.0

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#77

Pyrene

Concen: 4.21 ng m

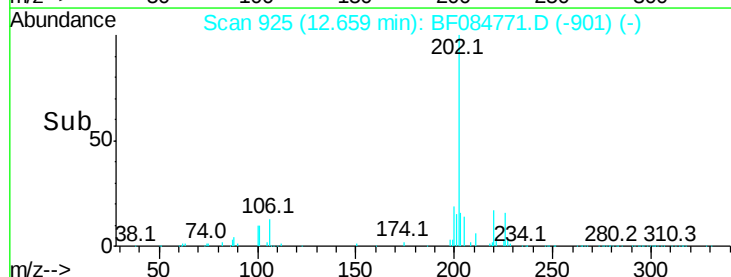
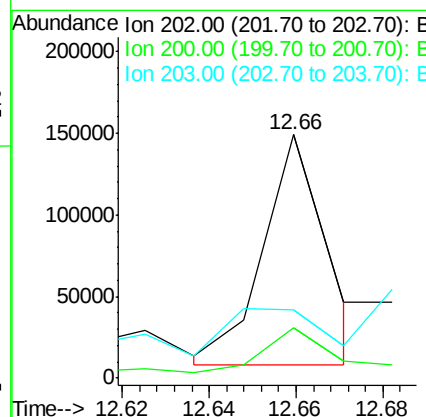
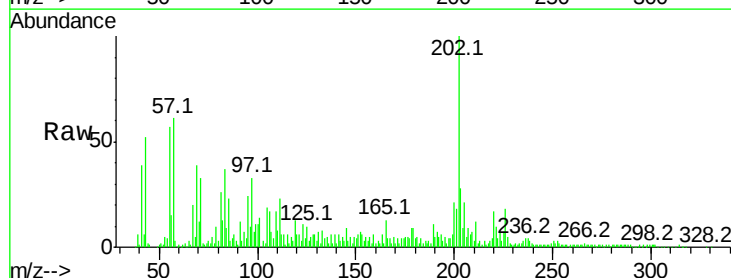
RT: 12.66 min Scan# 925

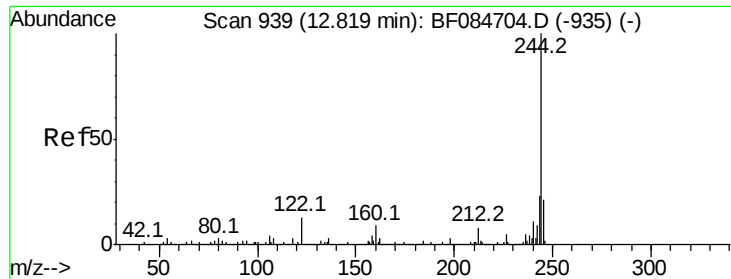
Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	28.2	14.3	21.5





#78

Terphenyl-d14

Concen: 86.50 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion:244 Resp: 1678014

Ion Ratio Lower Upper

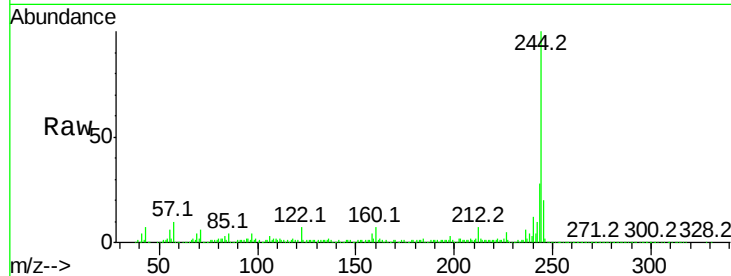
244 100

212 7.3 5.7 8.5

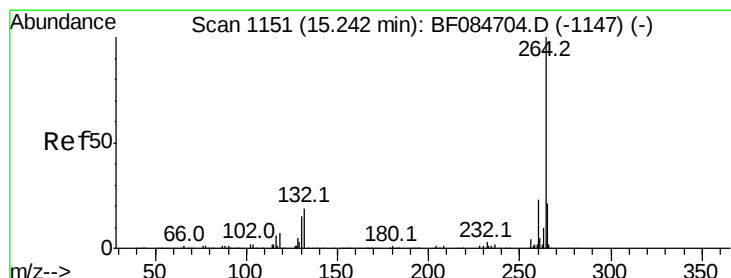
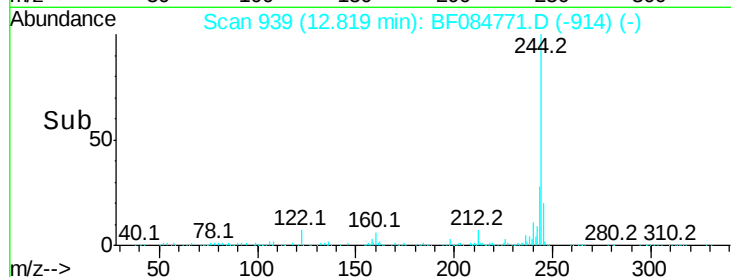
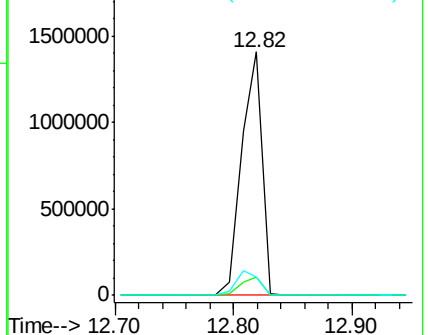
122 7.5 7.4 11.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

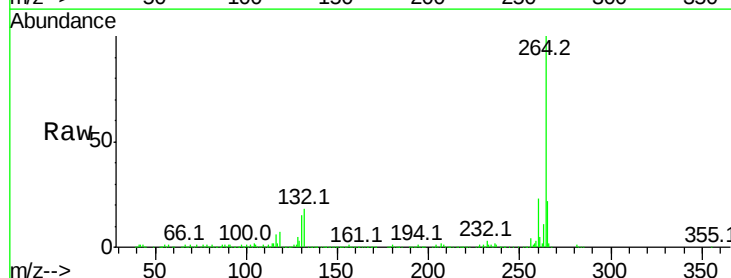
Tgt Ion:264 Resp: 355402

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

