

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084774.D
 Acq On : 3 Feb 2016 5:45
 Operator : SJ/IZ
 Sample : H1306-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2016 6:25:52 PM

Quant Time: Feb 03 10:10:54 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	162364	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	385625	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	219725	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	421287	20.00	ng	0.00
75) Chrysene-d12	13.85	240	388938	20.00	ng	-0.02
86) Perylene-d12	15.22	264	352761	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1180744	113.27	ng	-0.01
7) Phenol-d6	6.35	99	1576502	121.99	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1033802	151.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	321082	140.09	ng	0.03
44) 2-Fluorobiphenyl	9.09	172	1299330	110.84	ng	0.00
78) Terphenyl-d14	12.82	244	1305457	76.06	ng	-0.01
Target Compounds						
31) Naphthalene	8.03	128	908992	46.99	ng	# 81
37) 2-Methylnaphthalene	8.75	142	3119491	257.68	ng	97
45) 1,1'-Biphenyl	9.20	154	403958	20.58	ng	99
51) Acenaphthene	9.80	154	238308	16.70	ng	# 88
57) Fluorene	10.32	166	376544m	25.86	ng	
70) Phenanthrene	11.28	178	1660941	71.08	ng	# 95
77) Pyrene	12.67	202	182097m	6.12	ng	

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

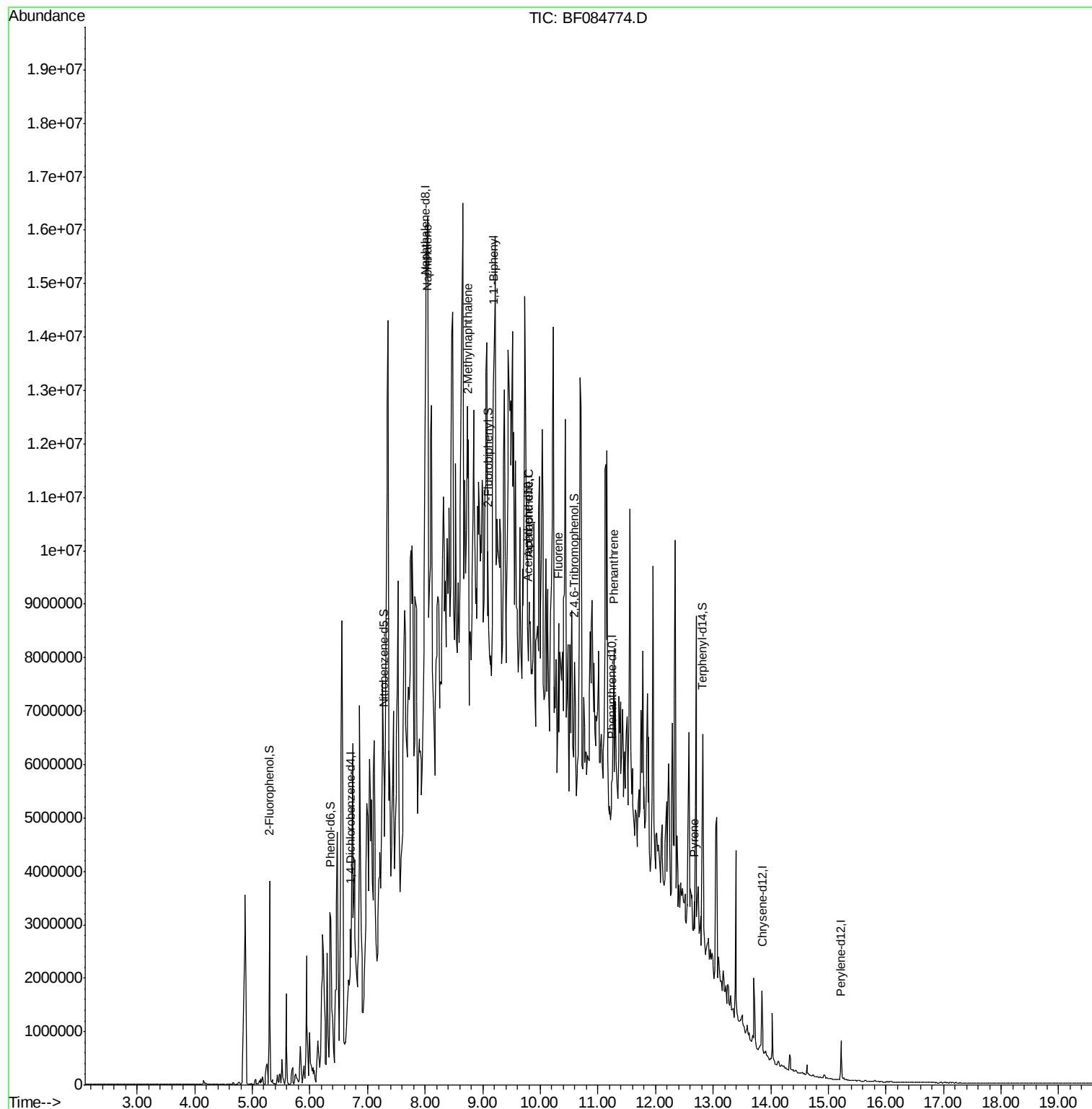
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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Sample : H1306-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

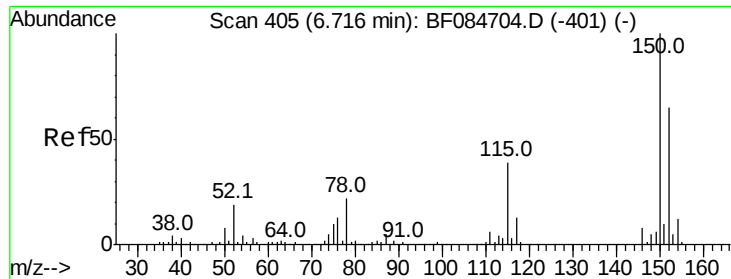
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Manual Integrations
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2/3/2016 6:25:52 PM

Quant Time: Feb 03 10:10:54 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: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

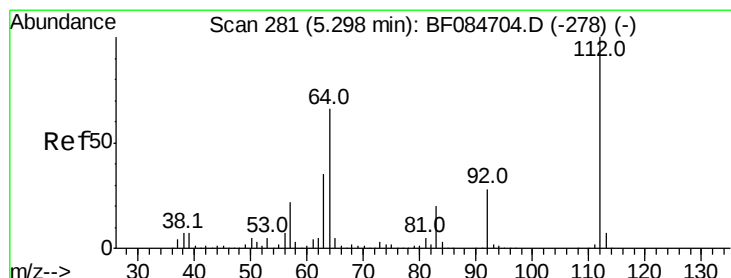
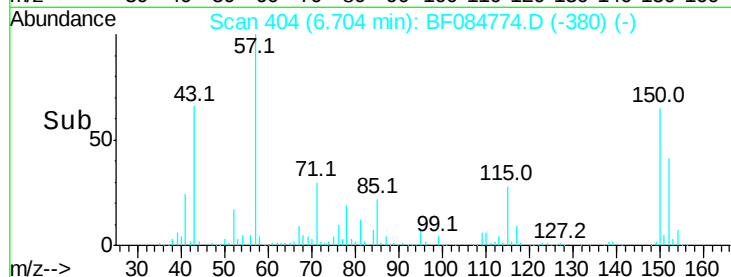
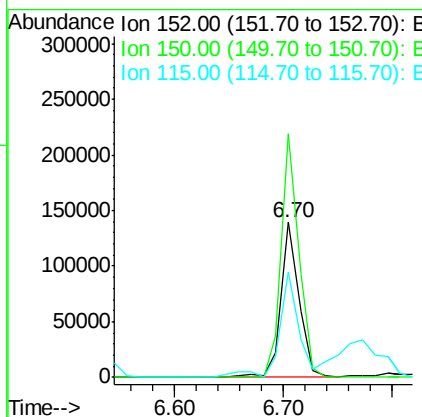
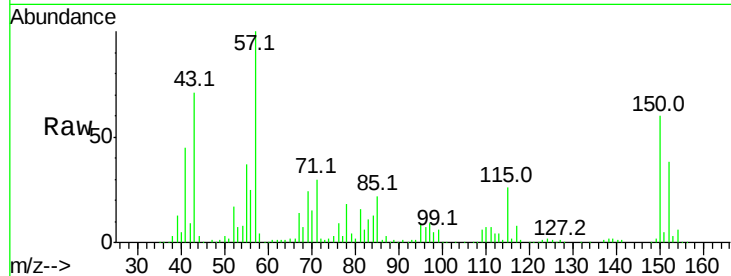
ClientSampleId :

BLFS-RL01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.4
115	68.3	51.4	77.2

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#5

2-Fluorophenol

Concen: 113.27 ng

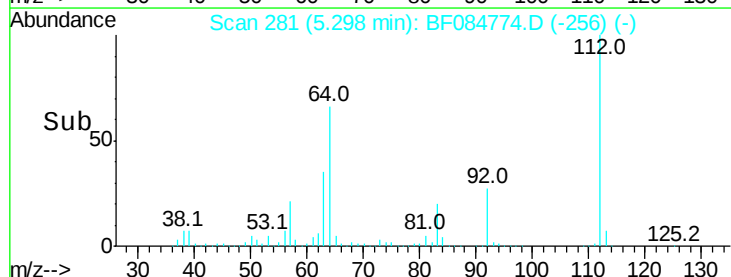
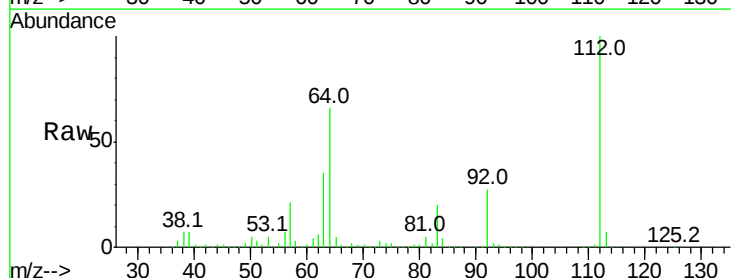
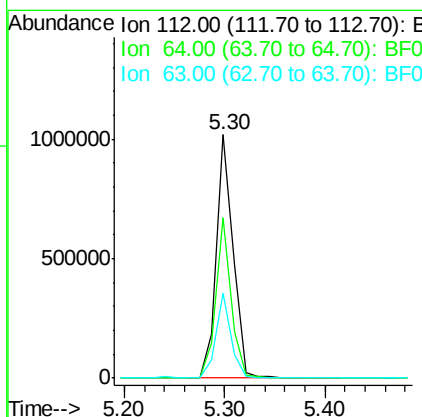
RT: 5.30 min Scan# 281

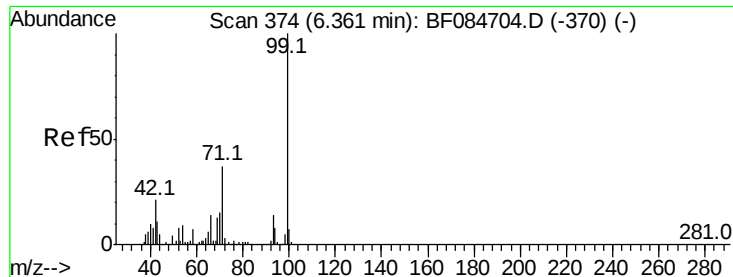
Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	36.6	55.0#
63	34.9	19.4	29.0#





#7

Phenol-d6

Concen: 121.99 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion: 99 Resp: 1576502

Ion Ratio Lower Upper

99 100

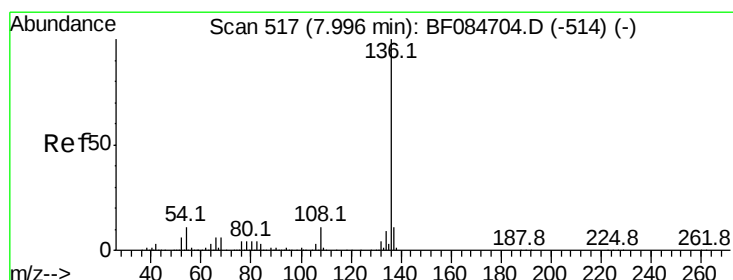
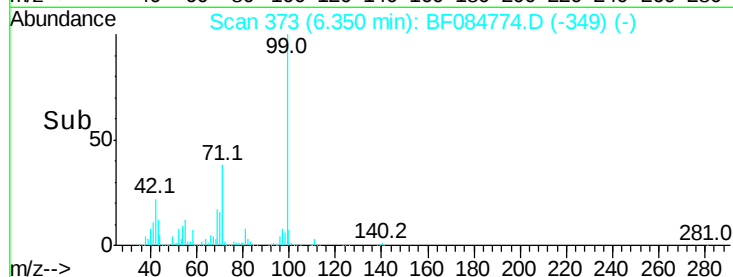
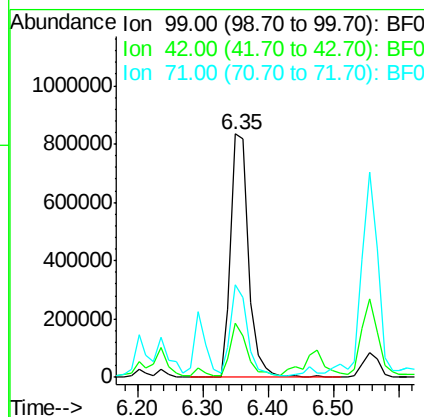
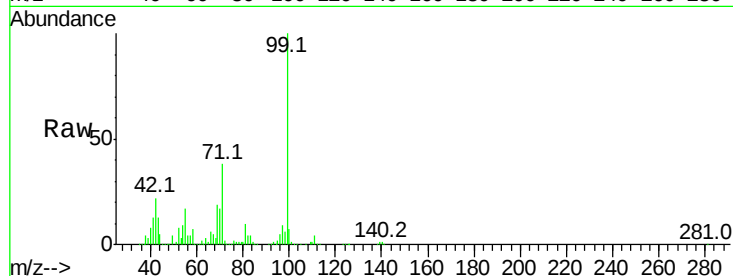
42 22.0 12.8 19.2#

71 38.0 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion: 136 Resp: 385625

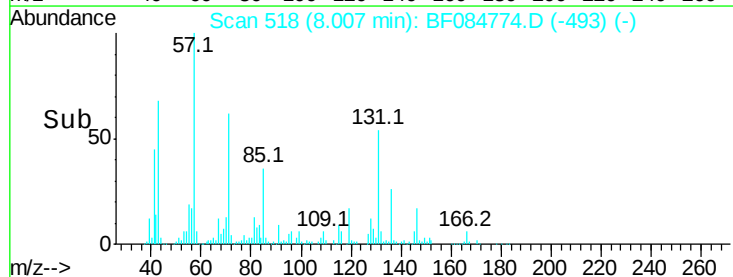
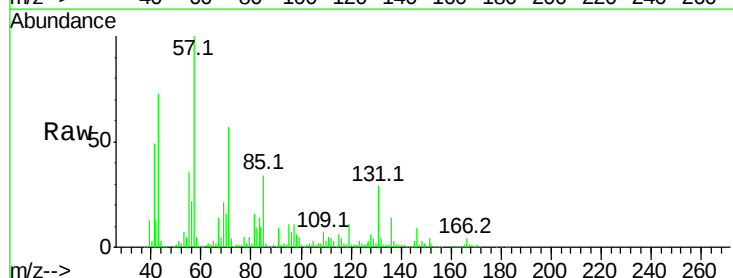
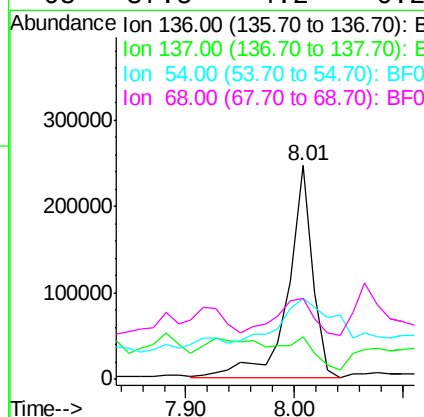
Ion Ratio Lower Upper

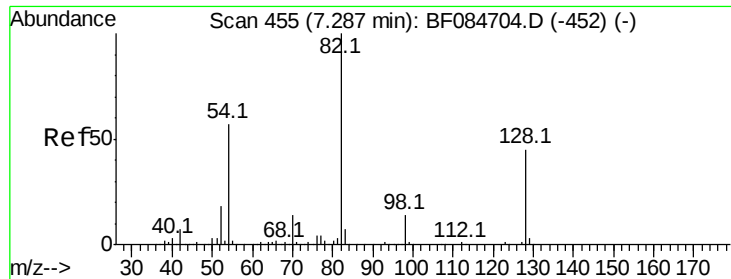
136 100

137 19.6 8.7 13.1#

54 37.5 5.8 8.8#

68 37.5 4.2 6.2#





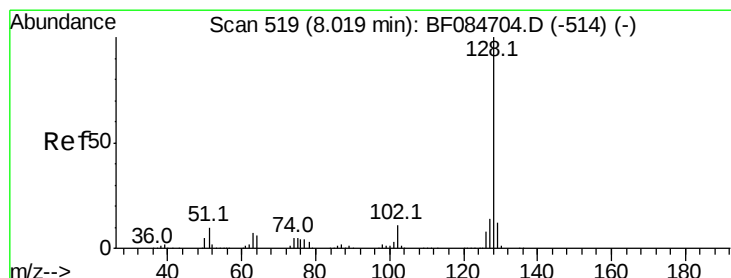
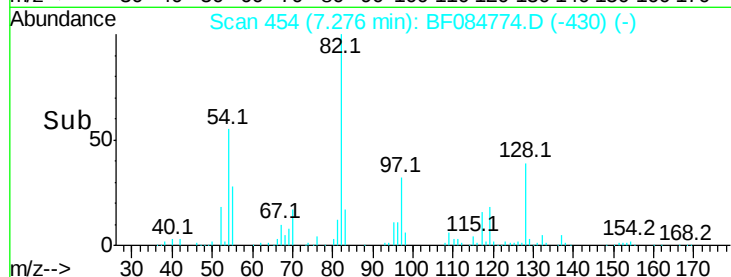
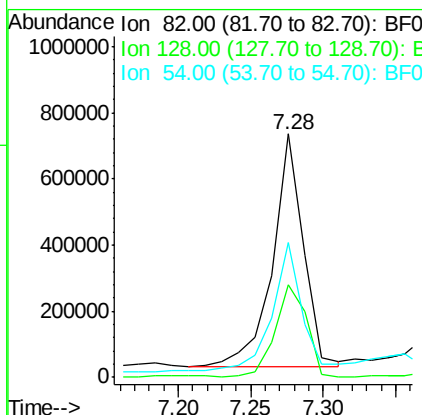
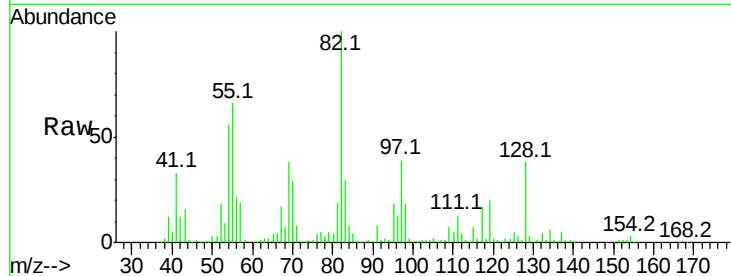
#23
Nitrobenzene-d5
Concen: 151.02 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.6	51.8
54	55.6	38.4	57.6

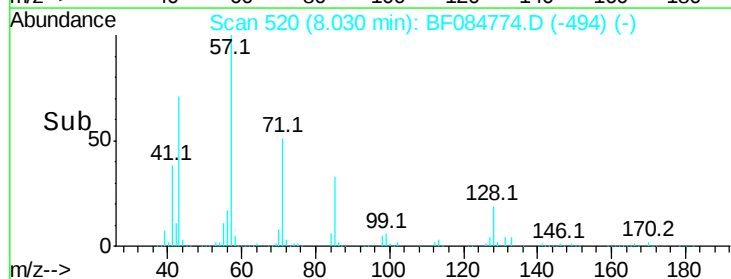
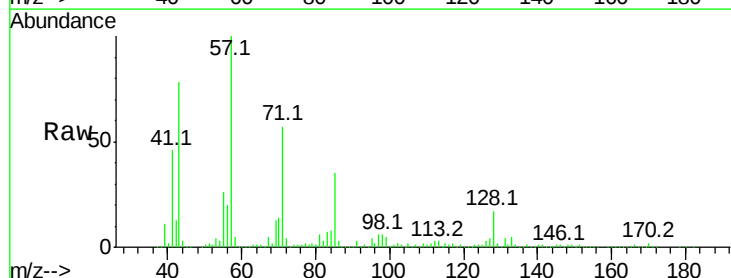
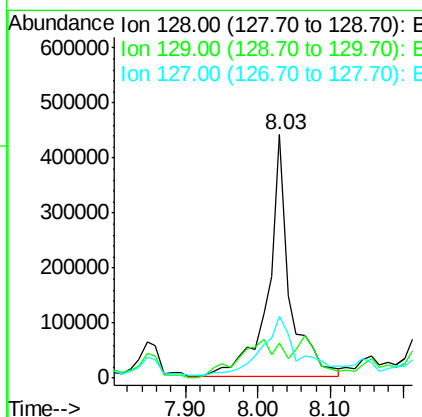
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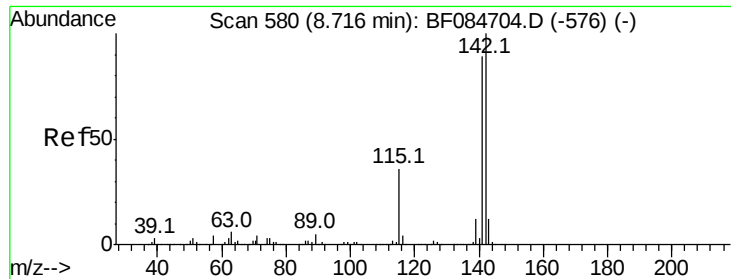
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#31
Naphthalene
Concen: 46.99 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.1	13.7#
127	25.3	11.1	16.7#





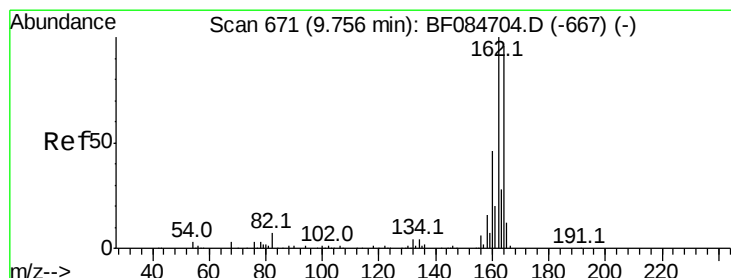
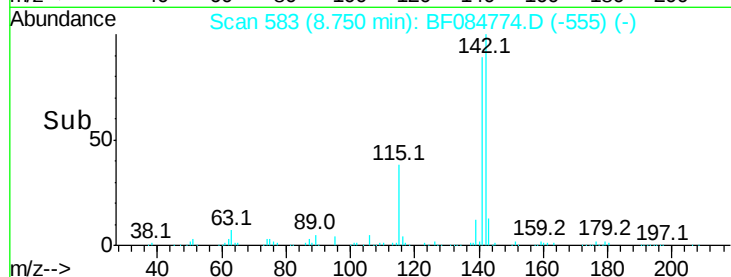
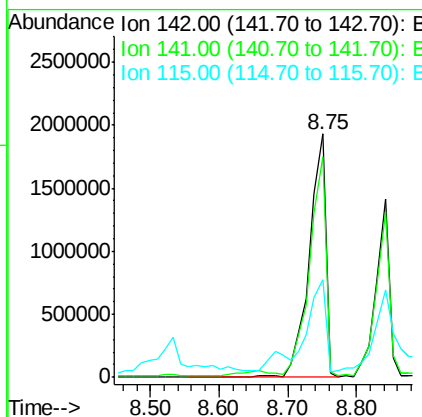
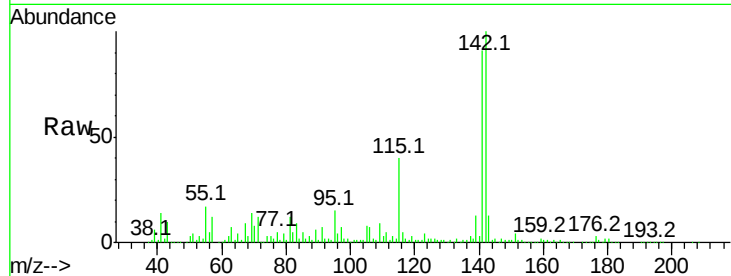
#37
2-Methylnaphthalene
Concen: 257.68 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion:142 Resp: 3119491
Ion Ratio Lower Upper
142 100
141 90.7 72.4 108.6
115 39.9 27.9 41.9

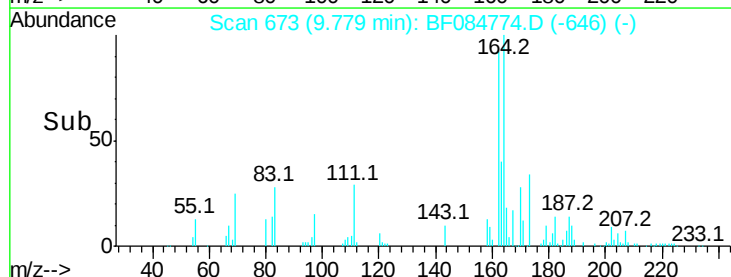
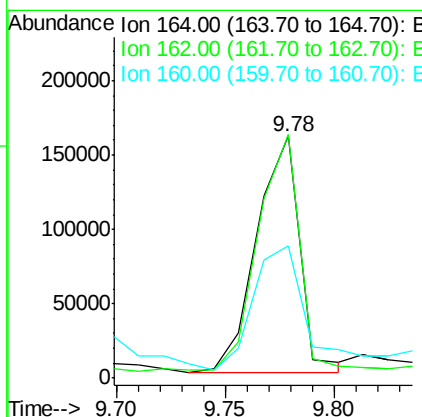
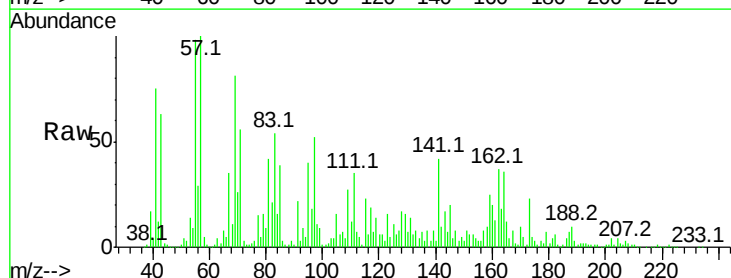
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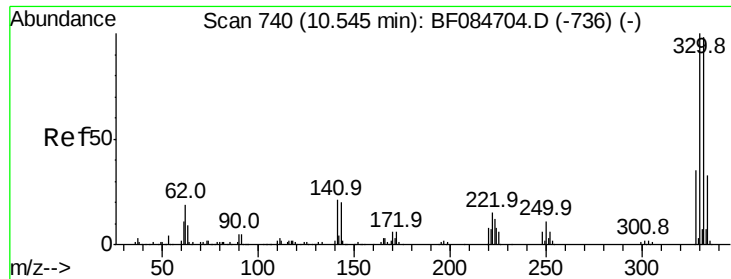
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion:164 Resp: 219725
Ion Ratio Lower Upper
164 100
162 100.7 85.1 127.7
160 54.7 37.5 56.3





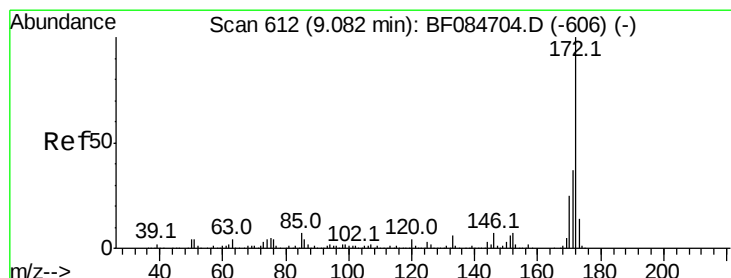
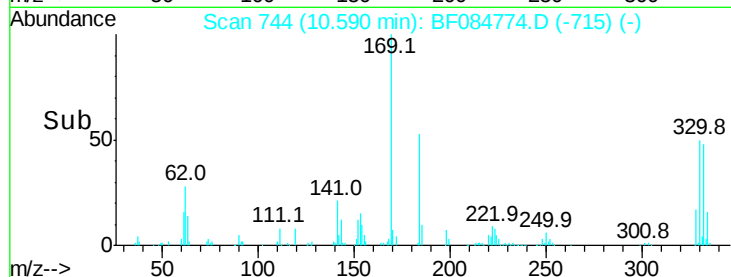
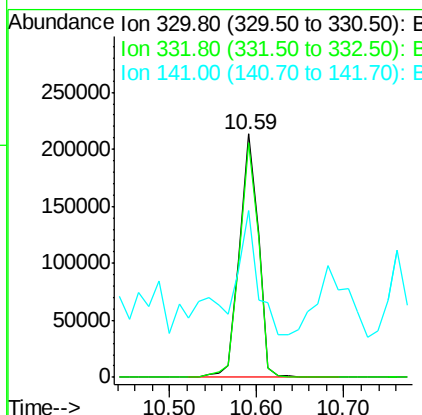
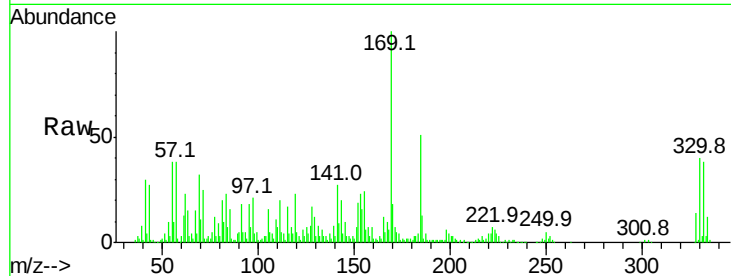
#41
 2,4,6-Tribromophenol
 Concen: 140.09 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.03 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	76.6	114.8	
141	47.1	27.8	41.6	

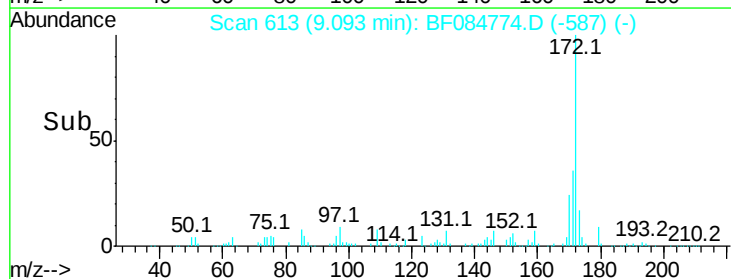
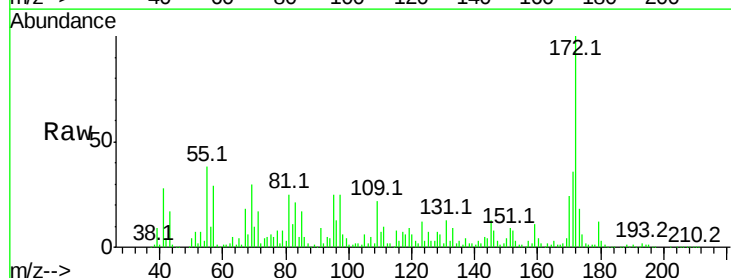
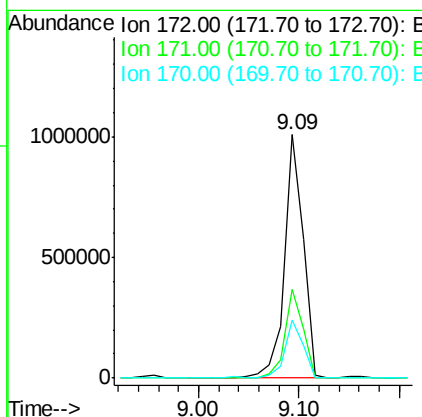
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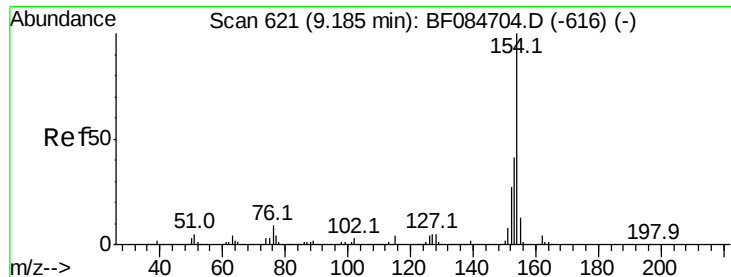
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#44
 2-Fluorobiphenyl
 Concen: 110.84 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	28.9	43.3	
170	24.0	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 20.58 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

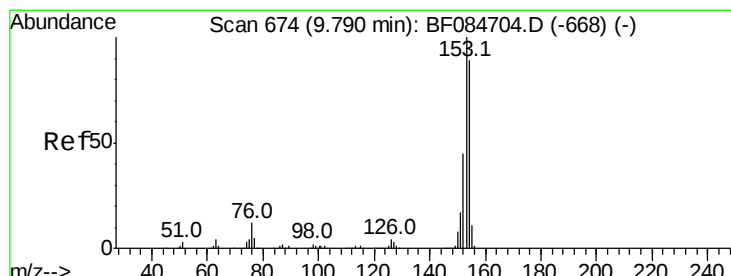
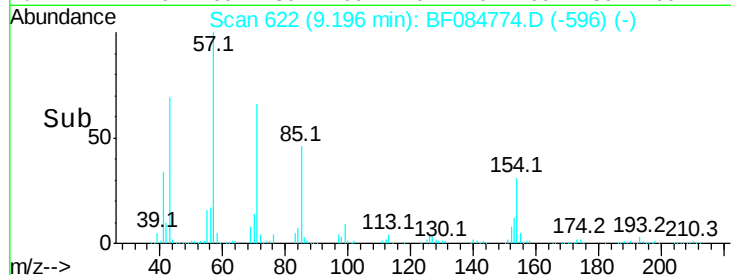
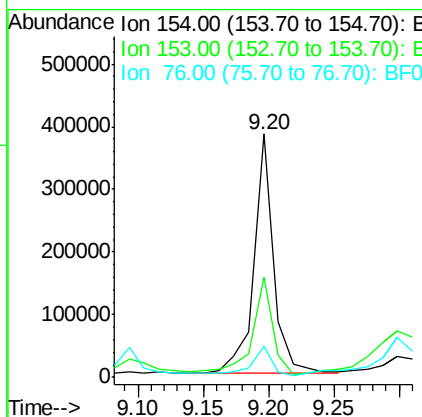
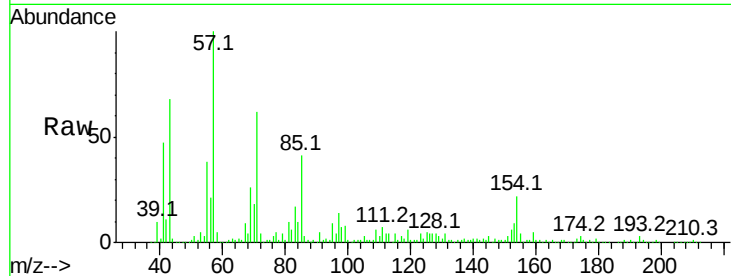
ClientSampled :

BLFS-RL01

Tot Ion:	154	Resp:	403958
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.6	61.6
76	12.9	0.0	32.7

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#51

Acenaphthene

Concen: 16.70 ng

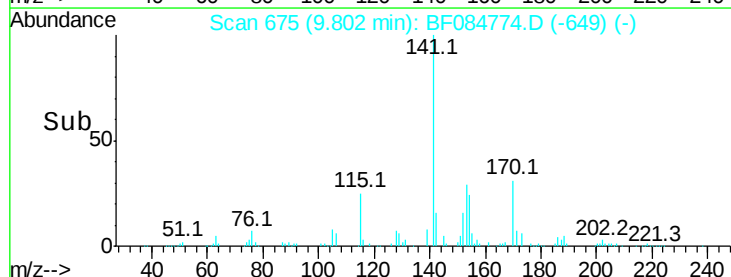
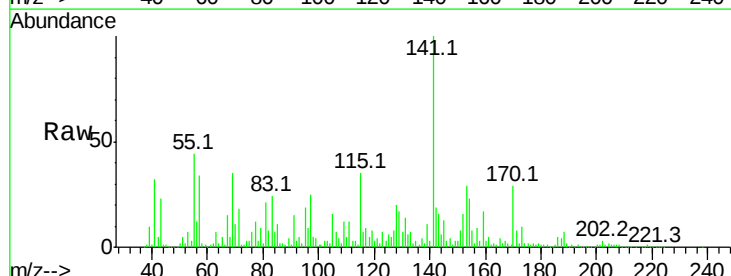
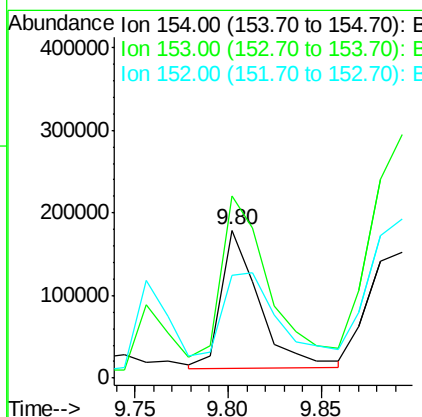
RT: 9.80 min Scan# 675

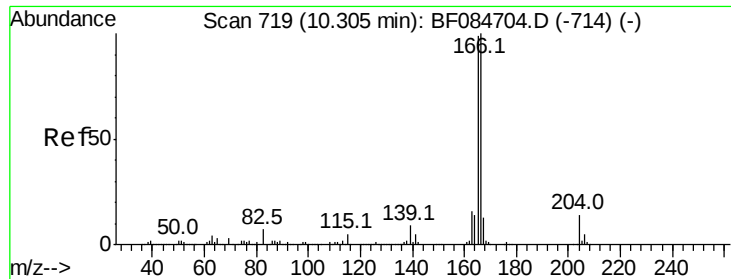
Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion:	154	Resp:	238308
Ion Ratio	Lower	Upper	
154	100		
153	122.9	91.5	137.3
152	69.6	43.0	64.6#





#57

Fluorene

Concen: 25.86 ng/mL

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

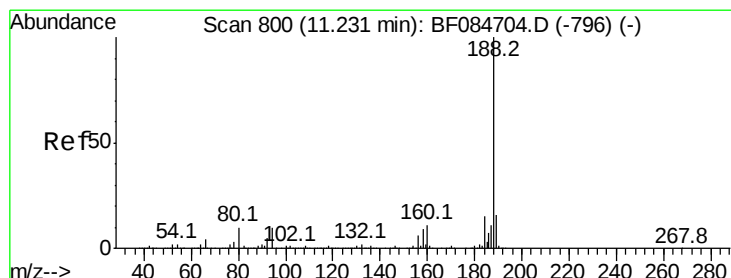
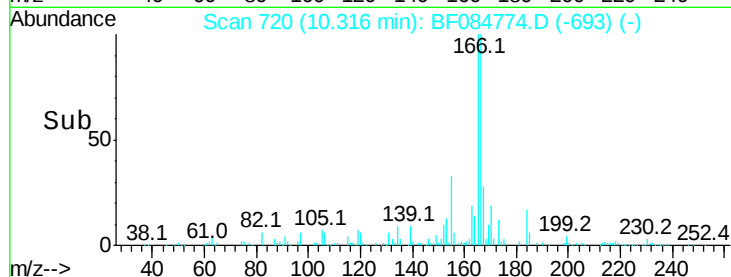
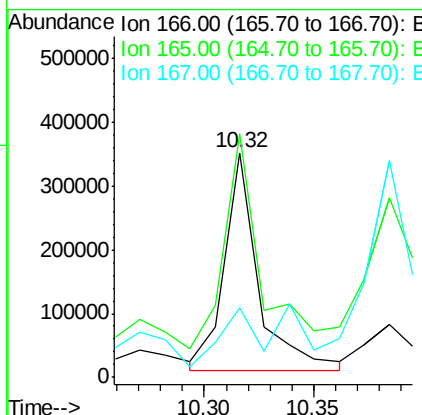
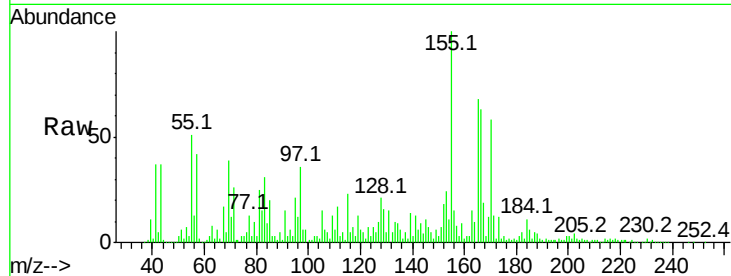
ClientSampleID :

BLFS-RL01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	108.3	79.1	118.7		
167	30.8	10.4	15.6		

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng/mL

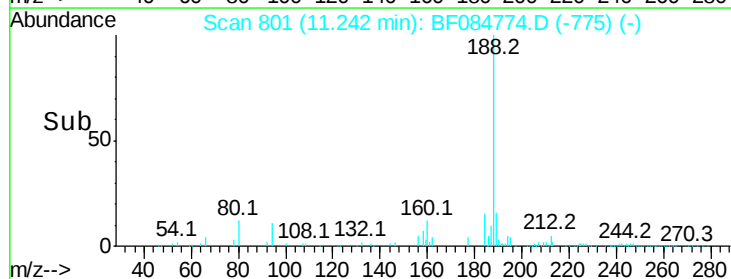
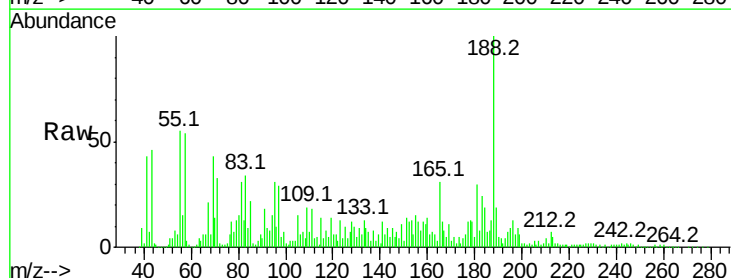
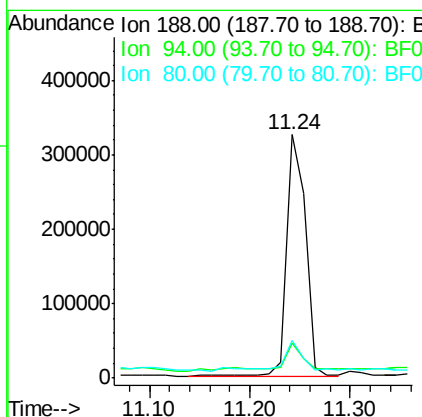
RT: 11.24 min Scan# 801

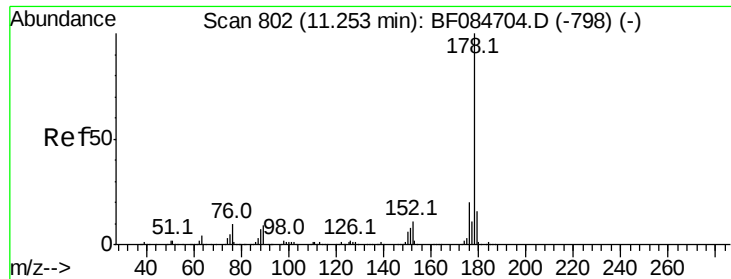
Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	14.5	9.0	13.4		
80	15.3	9.6	14.4		





#70

Phenanthrene

Concen: 71.08 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion:178 Resp: 1660941

Ion Ratio Lower Upper

178 100

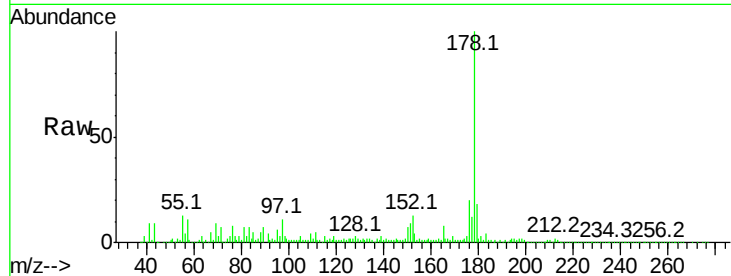
176 20.4 15.3 22.9

179 18.4 12.0 18.0#

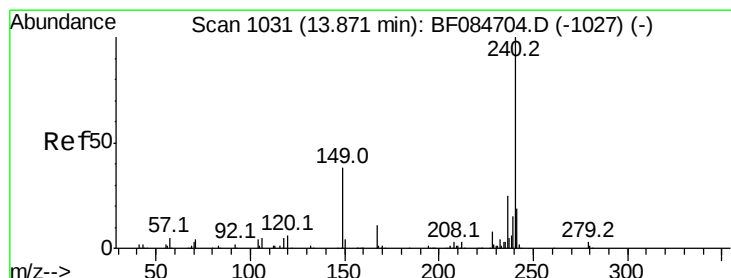
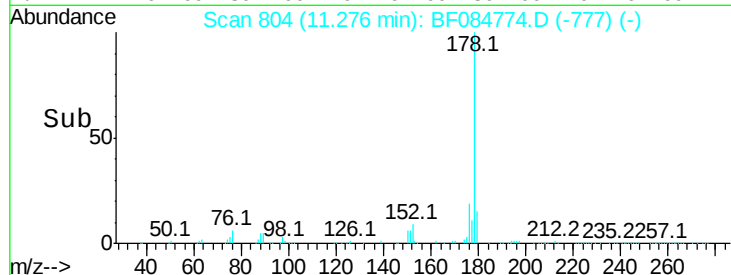
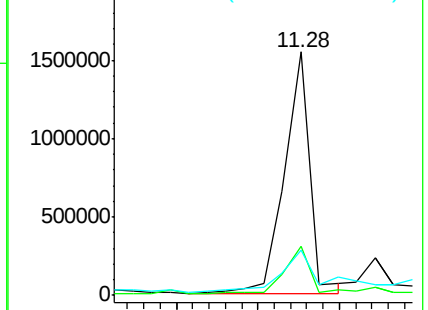
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

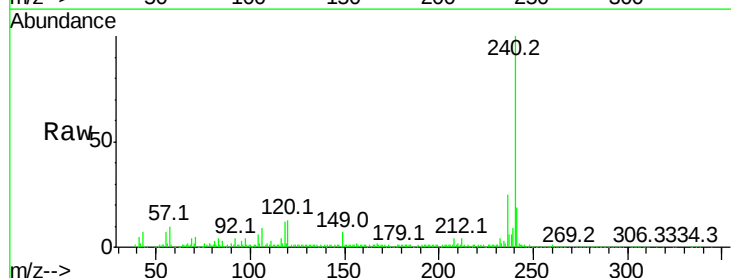
Tgt Ion:240 Resp: 388938

Ion Ratio Lower Upper

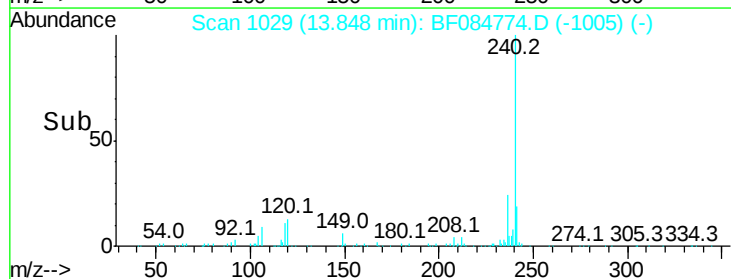
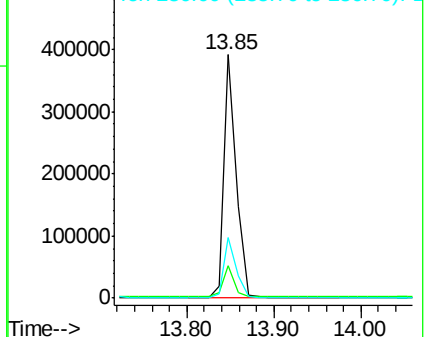
240 100

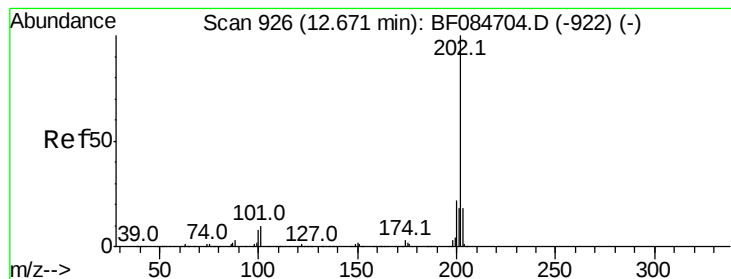
120 13.5 9.5 14.3

236 24.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.12 ng/mL

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

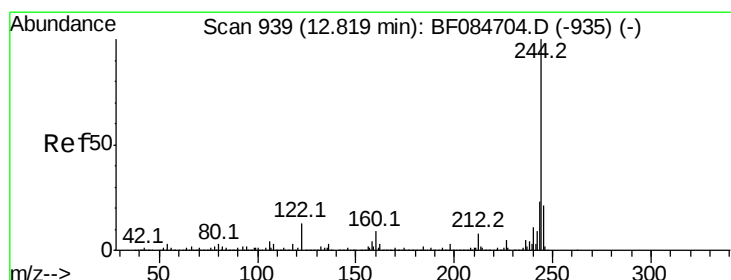
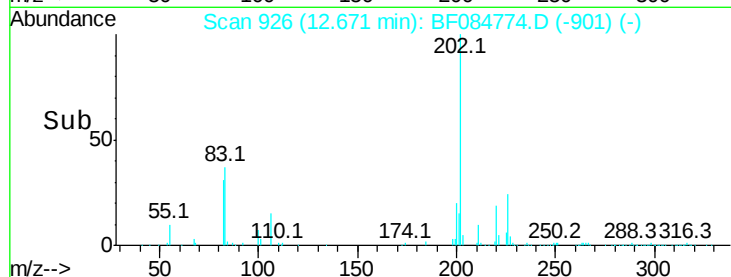
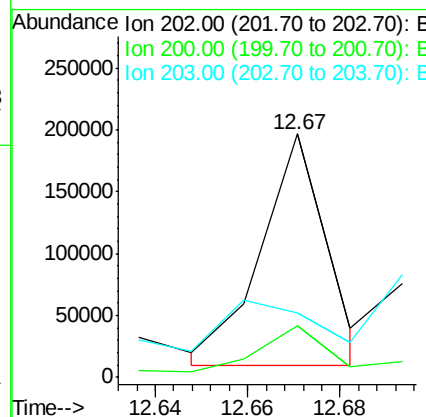
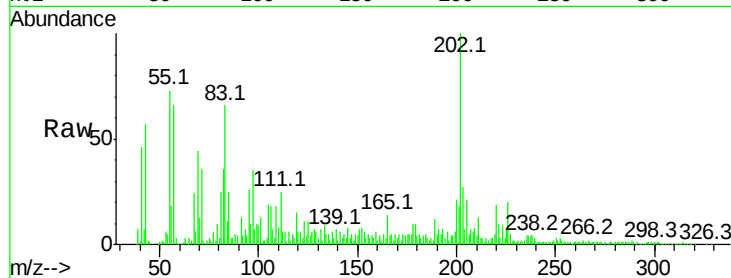
ClientSampleID :

BLFS-RL01

Tot Ion:	202	Resp:	182097
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	26.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 76.06 ng/mL

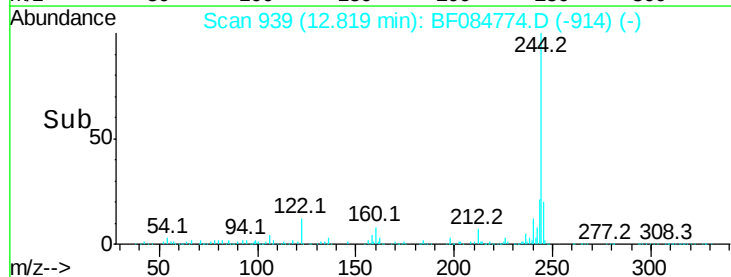
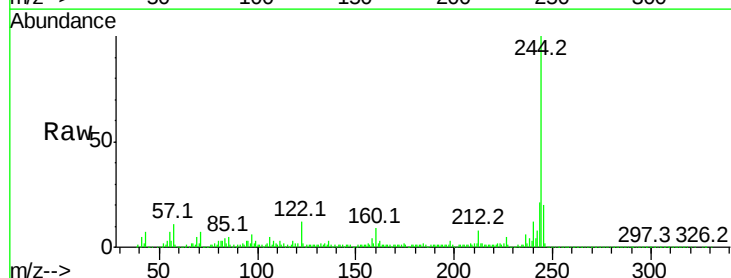
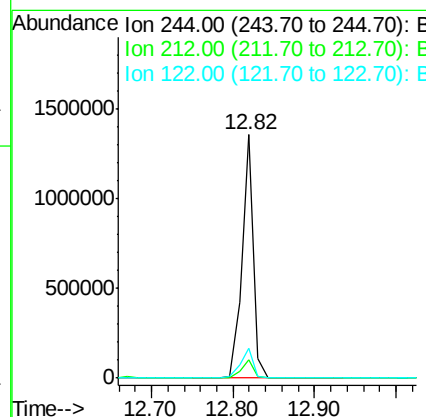
RT: 12.82 min Scan# 939

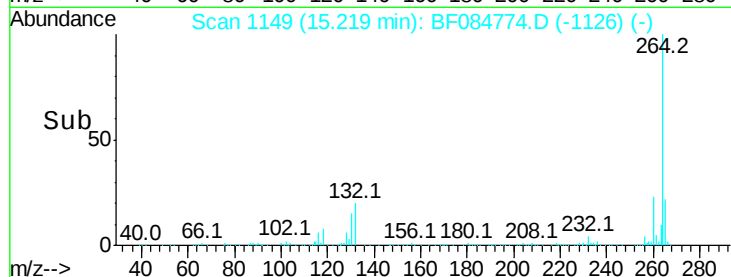
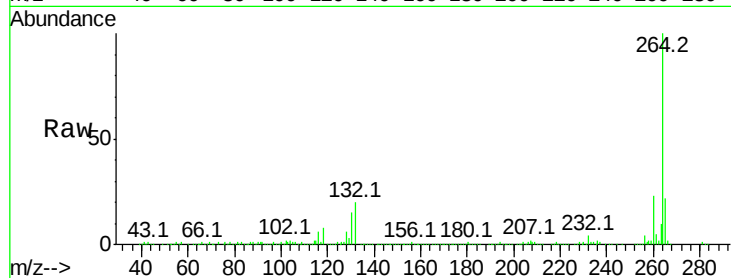
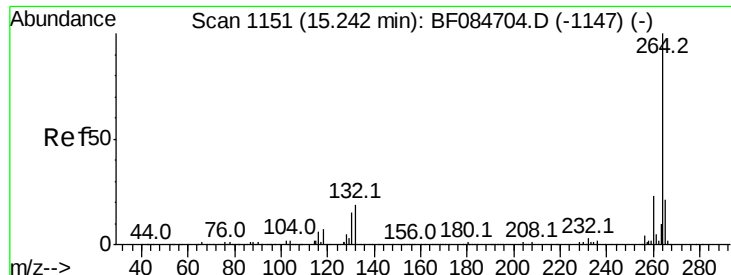
Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion:	244	Resp:	1305457
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.7	8.5
122	12.2	7.4	11.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion:	264	Resp:	352761
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.2
265	21.9	17.8	26.6

Manual Integrations
APPROVED

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2/3/2016 6:25:52 PM

