

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085889.D
 Acq On : 30 Mar 2016 16:35
 Operator : UM/SJ
 Sample : H1942-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPRES

Manual Integrations
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Sohil
 4/12/2016 1:54:02 PM

Quant Time: Apr 12 13:36:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103031	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	254175	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	115086	20.00	ng	0.02
63) Phenanthrene-d10	11.35	188	225430	20.00	ng	0.02
75) Chrysene-d12	13.96	240	204339	20.00	ng	-0.01
86) Perylene-d12	15.37	264	192514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	789469	127.61	ng	0.00
7) Phenol-d6	6.45	99	1167857	148.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	685496	151.87	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	178915	163.62	ng	0.03
44) 2-Fluorobiphenyl	9.19	172	941790	136.72	ng	0.02
78) Terphenyl-d14	12.92	244	873835	87.95	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	889138m	Below Cal		Qvalue
49) Dimethylphthalate	9.58	163	98800	11.32 ng	#	70
51) Acenaphthene	9.90	154	158576m	22.31 ng		
70) Phenanthrene	11.37	178	715524	61.82 ng	#	93
71) Anthracene	11.43	178	75361	6.20 ng	#	77
74) Fluoranthene	12.55	202	106577	8.66 ng		90
77) Pyrene	12.78	202	129045	7.68 ng	#	94
80) Benzo(a)anthracene	13.95	228	33466	2.87 ng	#	82
82) Chrysene	13.99	228	32277m	2.75 ng		
85) Indeno(1,2,3-cd)pyrene	16.75	276	20207	2.23 ng	#	88
87) Benzo(b)fluoranthene	14.97	252	39830m	3.28 ng		

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

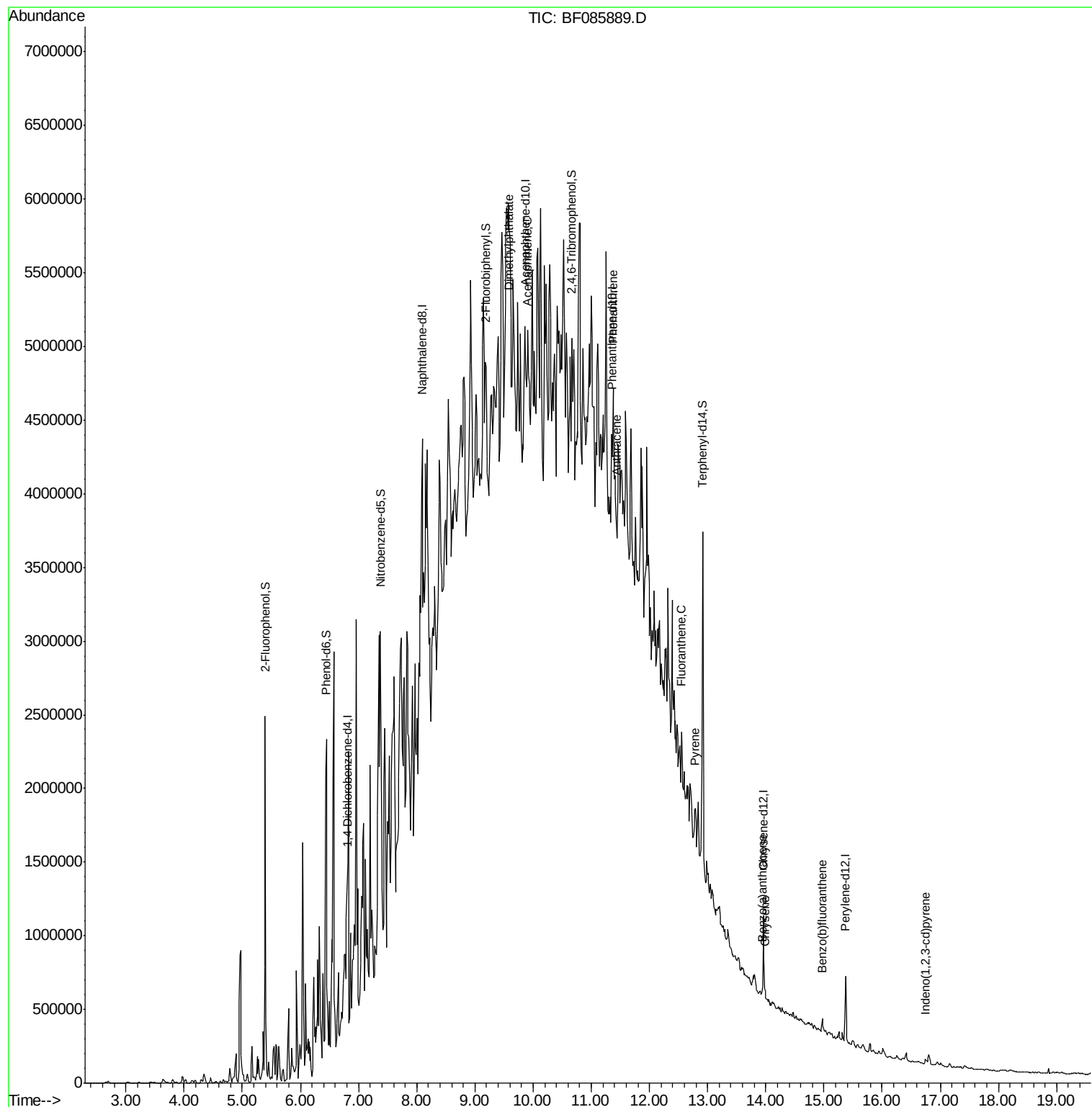
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085889.D
Acq On : 30 Mar 2016 16:35
Operator : UM/SJ
Sample : H1942-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

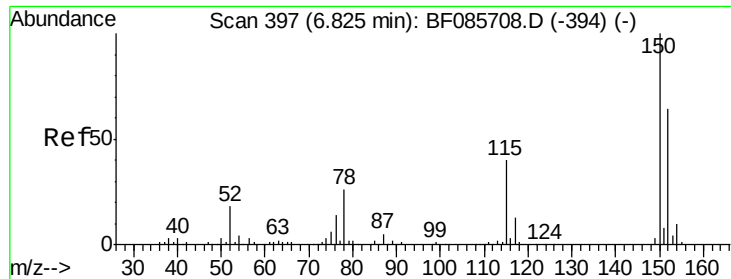
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPRE

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

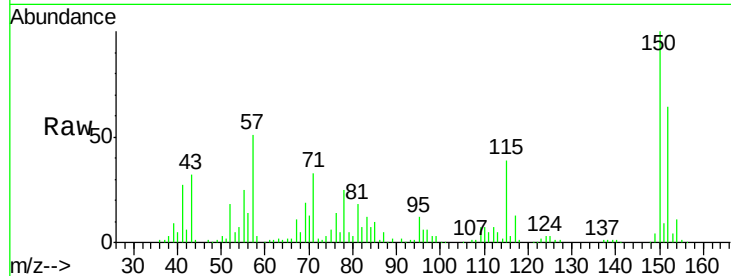
ClientSampleId :

B-929(0.3N)COMP

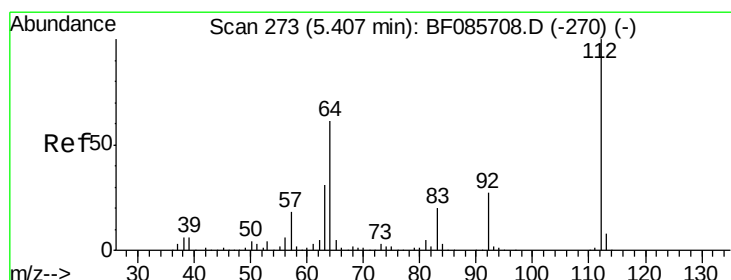
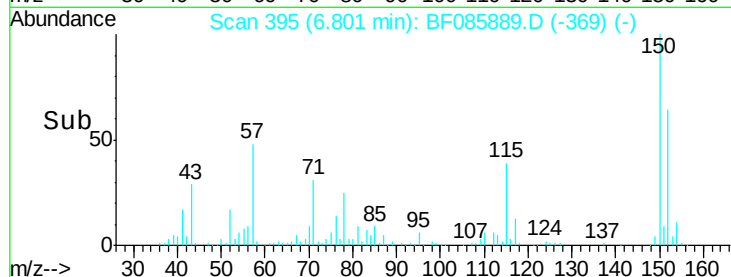
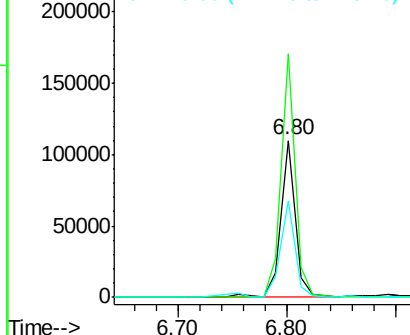
Tgt Ion:	152	Resp:	103031
Ion Ratio	Lower	Upper	
152	100		
150	155.1	124.2	186.2
115	61.1	47.0	70.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 127.61 ng

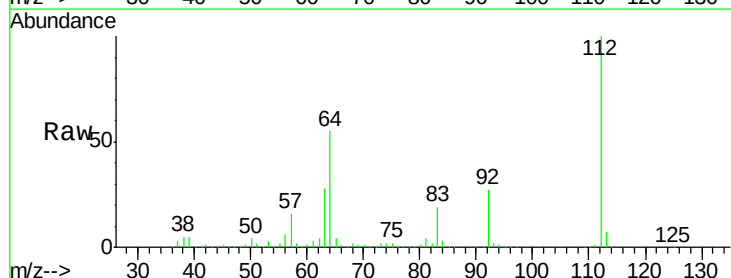
RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

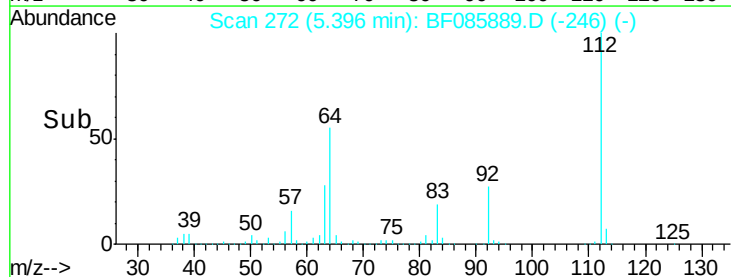
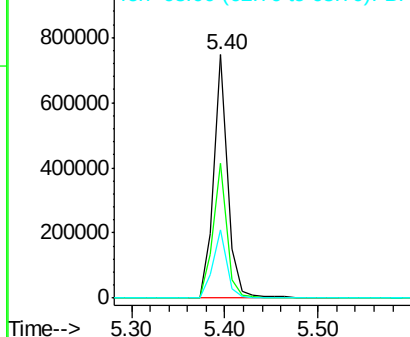
Lab File: BF085889.D

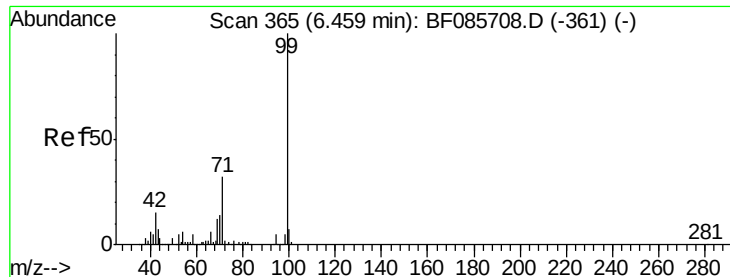
Acq: 30 Mar 2016 16:35

Tgt Ion:	112	Resp:	789469
Ion Ratio	Lower	Upper	
112	100		
64	55.4	39.9	59.9
63	27.9	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.47 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

ClientSampleId :

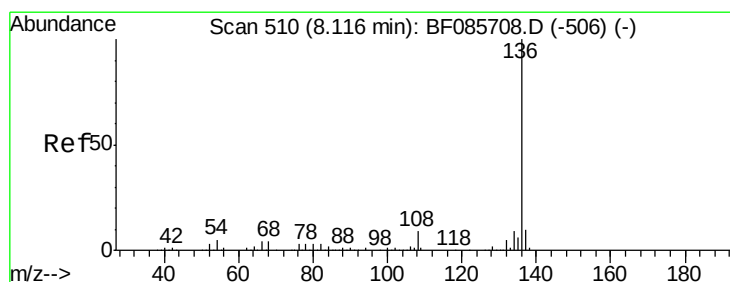
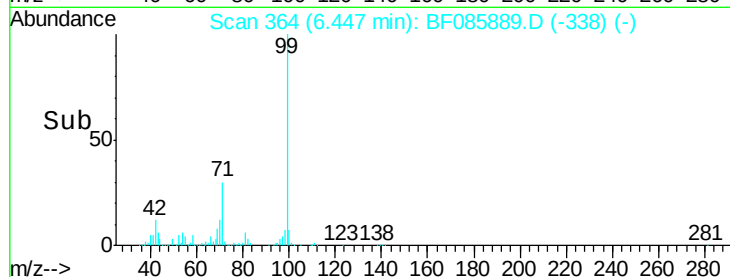
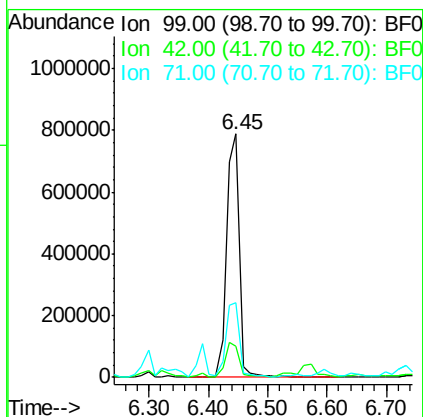
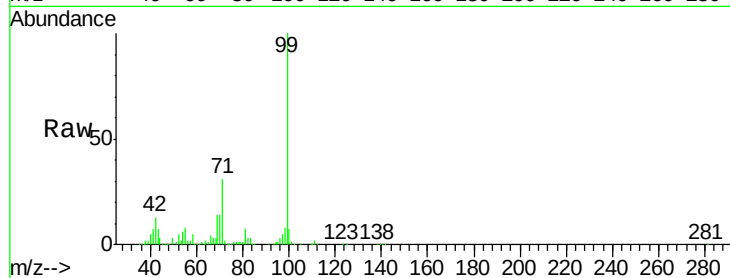
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Tgt Ion:	99	Resp:	1167857
Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.1	16.7
71	30.5	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

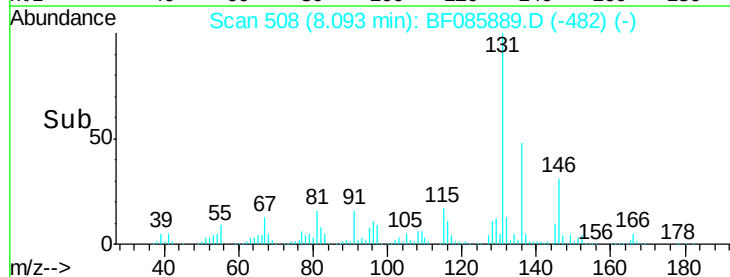
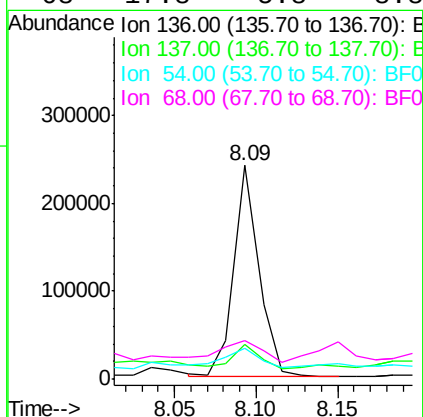
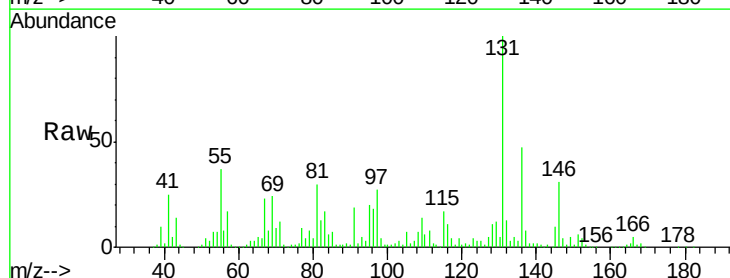
RT: 8.09 min Scan# 508

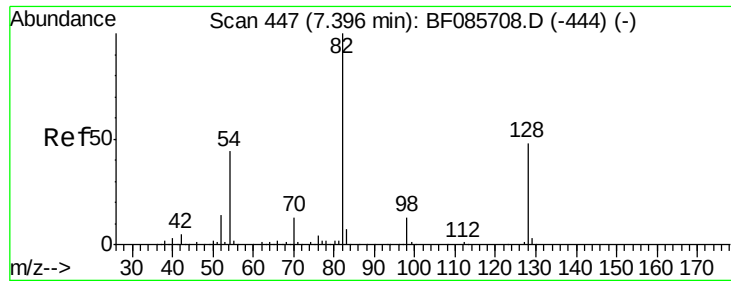
Delta R.T. -0.00 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Tgt Ion:	136	Resp:	254175
Ion	Ratio	Lower	Upper
136	100		
137	16.1	9.1	13.7#
54	14.6	7.4	11.0#
68	17.8	5.8	8.8#





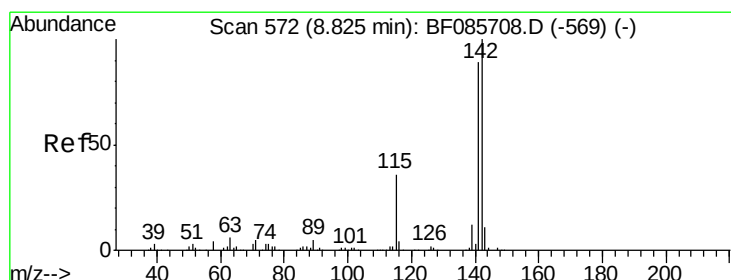
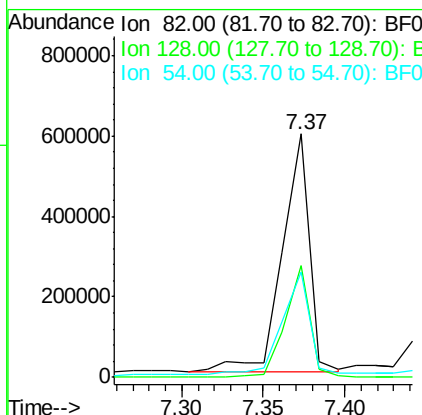
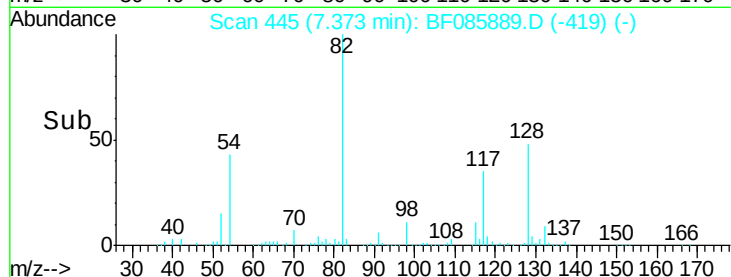
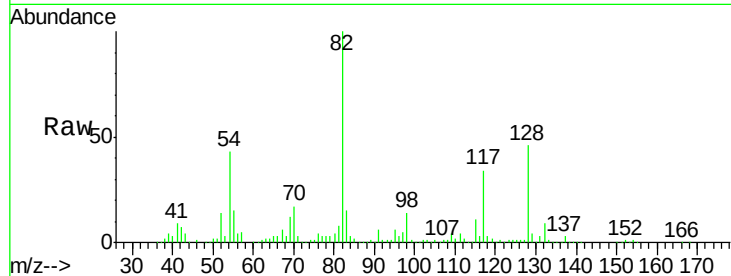
#23
 Nitrobenzene-d5
 Concen: 151.87 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085889.D
 Acq: 30 Mar 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	41.8	62.8
54	43.4	33.4	50.0

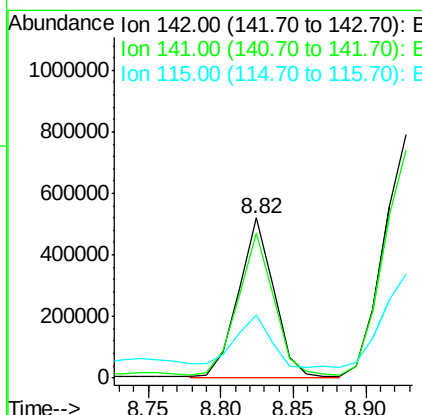
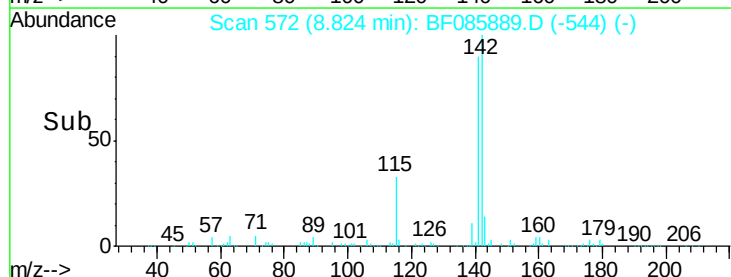
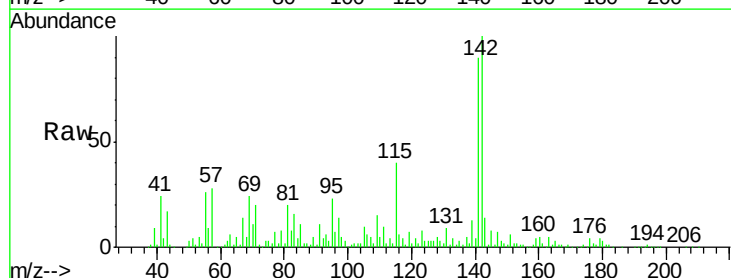
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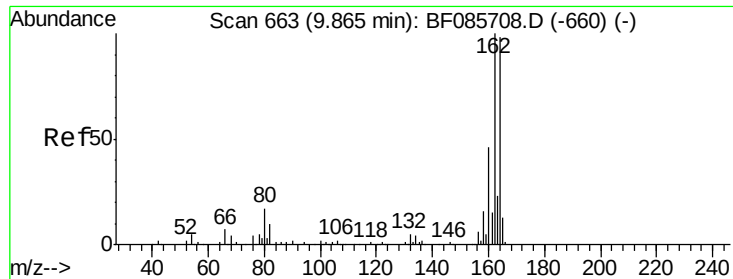
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#37
 2-Methylnaphthalene
 Concen: Below Cal m
 RT: 8.82 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: BF085889.D
 Acq: 30 Mar 2016 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4
115	39.6	26.8	40.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.02 min

Lab File: BF085889.D

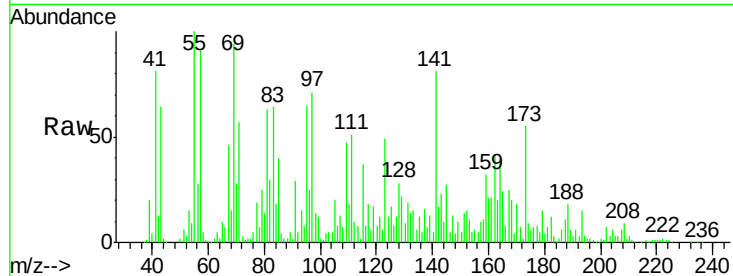
Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

ClientSampleId :

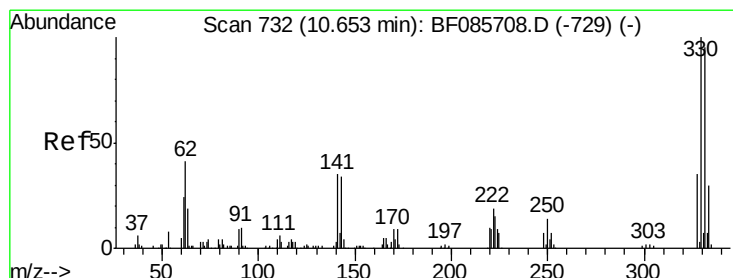
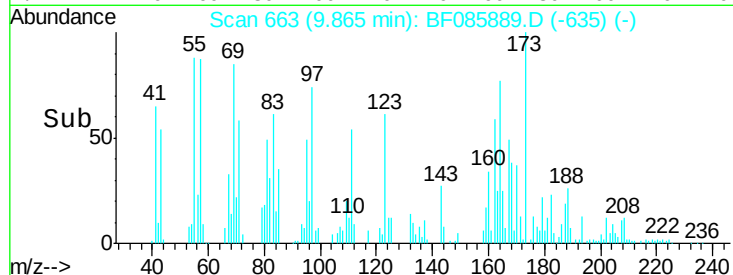
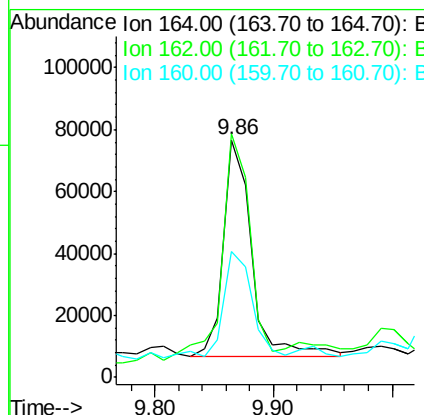
B-929(0.3N)COMPRES



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	82.1	123.1	
160	53.2	37.4	56.2	

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#41

2,4,6-Tribromophenol

Concen: 163.62 ng

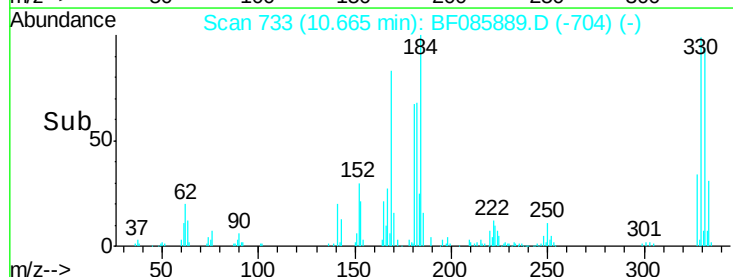
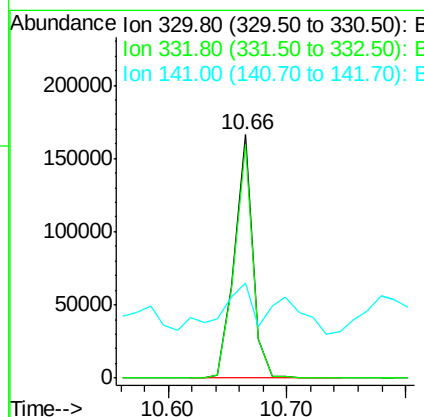
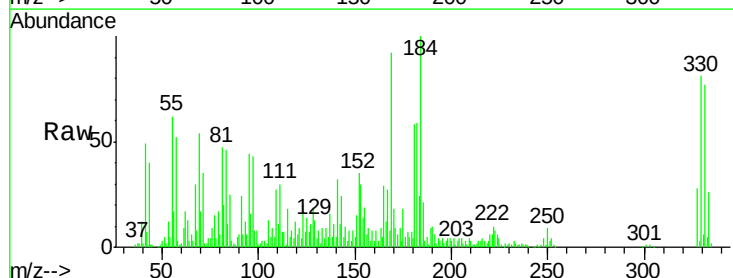
RT: 10.66 min Scan# 733

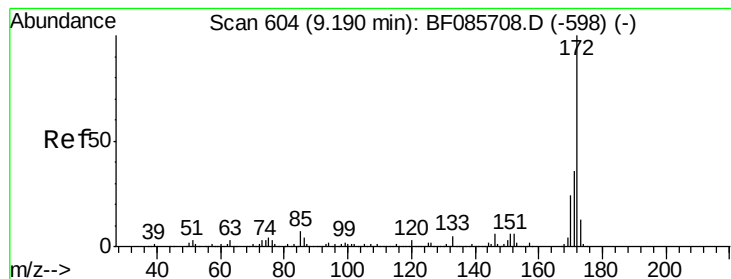
Delta R.T. 0.03 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	78.2	117.2	
141	30.9	31.5	47.3	





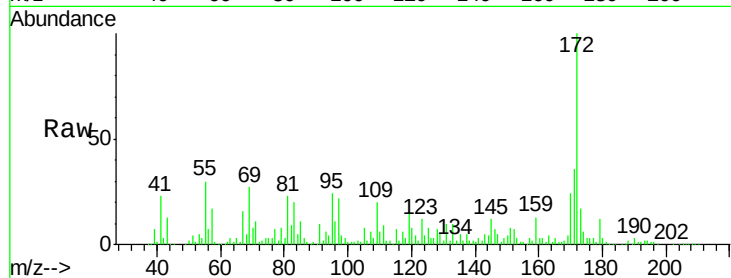
#44
2-Fluorobiphenyl
Concen: 136.72 ng
RT: 9.19 min Scan# 604
Delta R.T. 0.02 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPRES

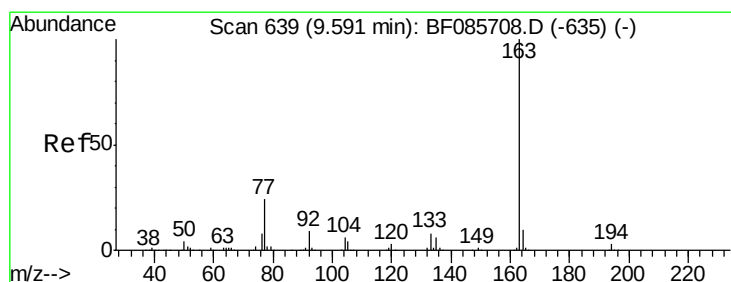
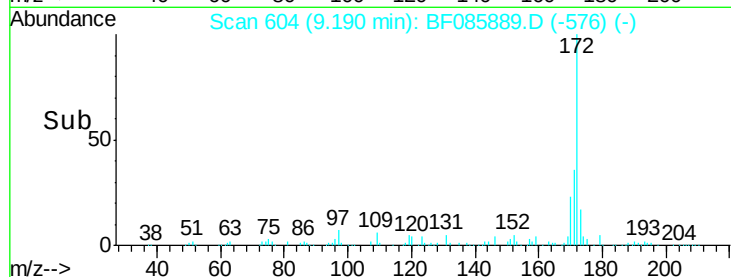
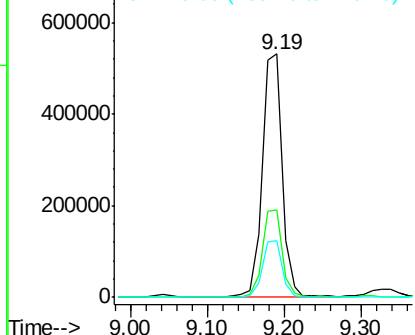
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	23.5	19.8	29.6

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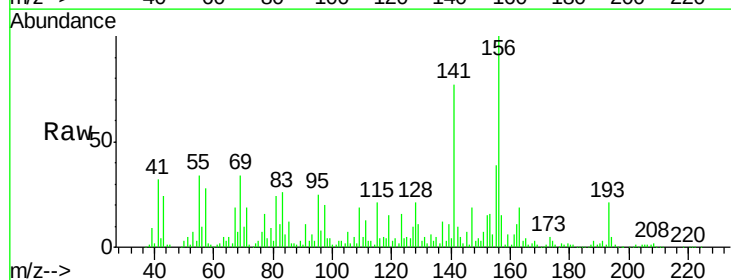


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

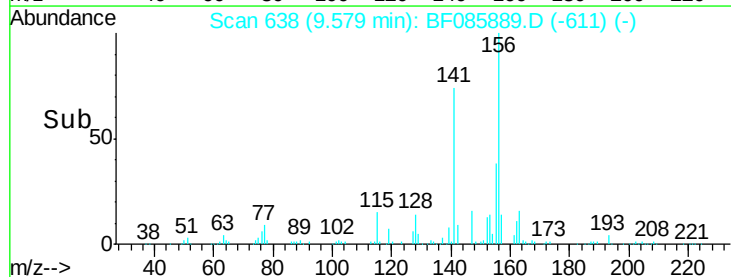
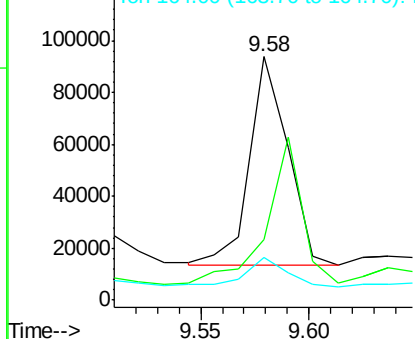


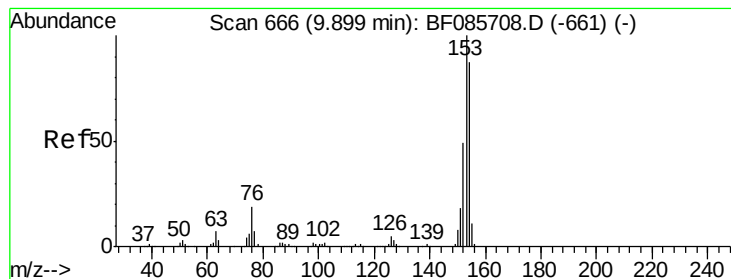
#49
Dimethylphthalate
Concen: 11.32 ng
RT: 9.58 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	24.6	2.9	4.3#
164	17.3	8.3	12.5#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 22.31 ng m

RT: 9.90 min Scan# 666

Delta R.T. 0.02 min

Lab File: BF085889.D

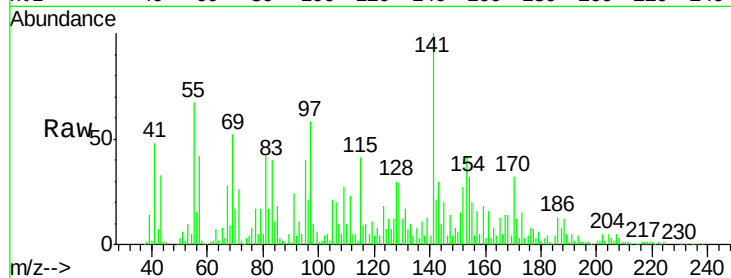
Acq: 30 Mar 2016 16:35

Instrument :

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ClientSampleId :

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Tgt Ion:154 Resp: 158576

Ion Ratio Lower Upper

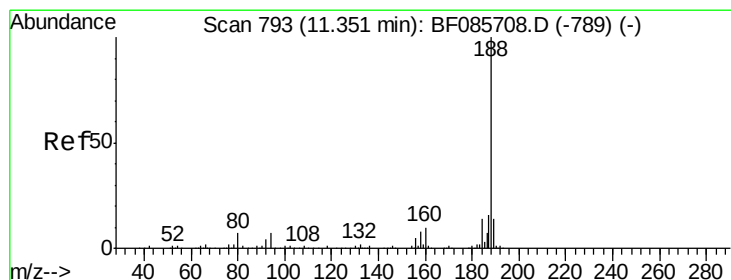
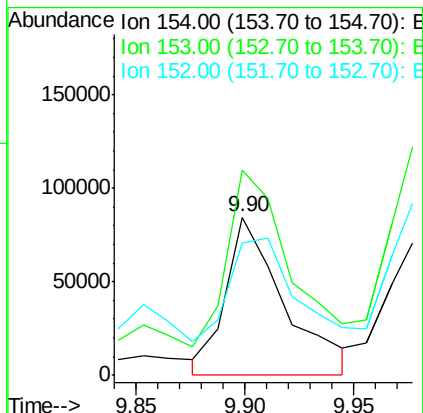
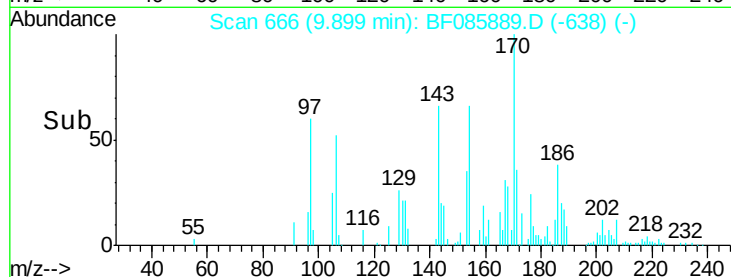
154 100

153 130.4 90.1 135.1

152 83.6 44.2 66.2#

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. 0.02 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

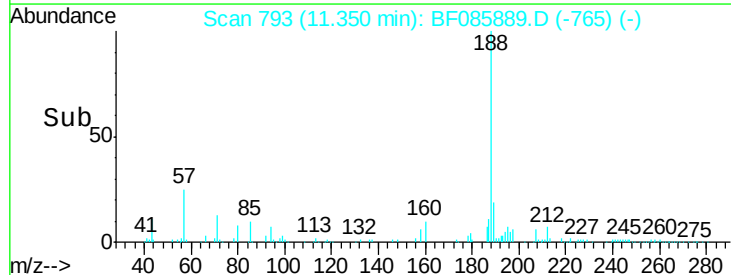
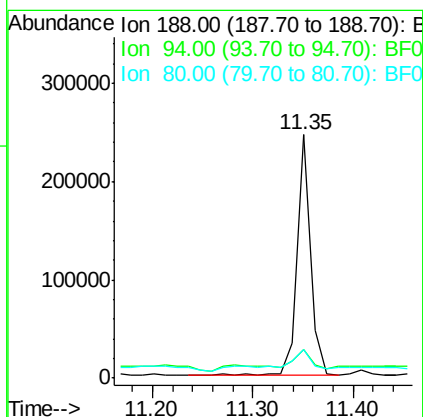
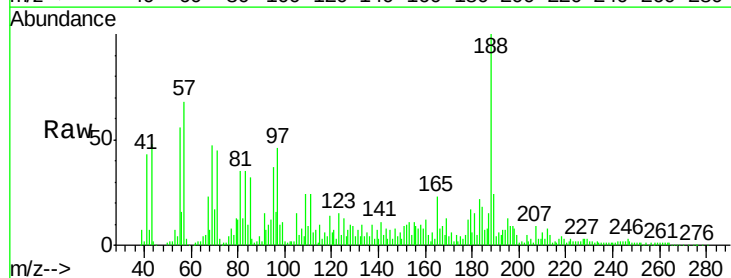
Tgt Ion:188 Resp: 225430

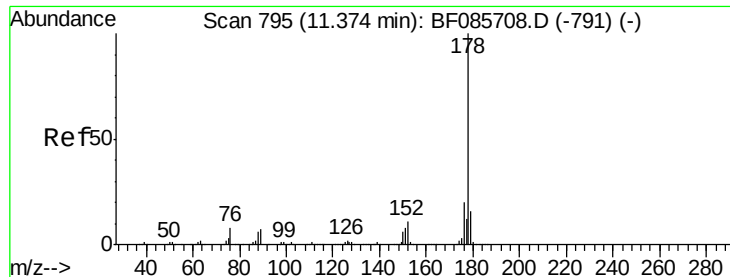
Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

80 11.9 5.5 8.3#





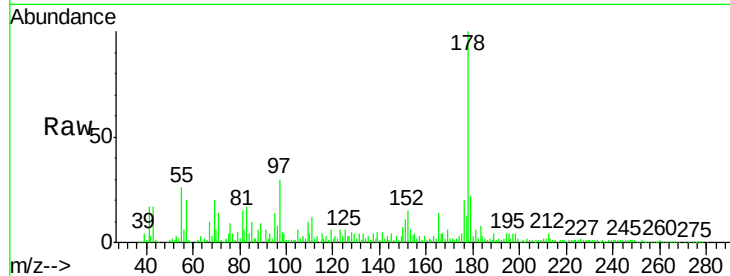
#70
Phenanthrene
Concen: 61.82 ng
RT: 11.37 min Scan# 795
Delta R.T. 0.02 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPRE

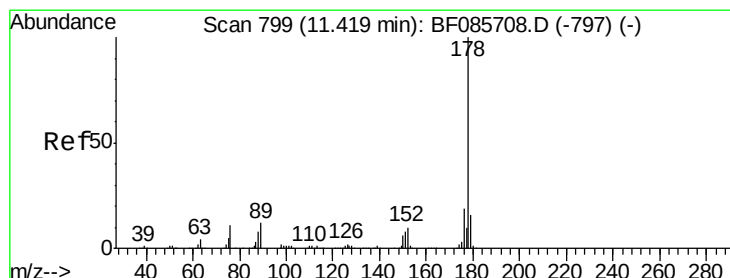
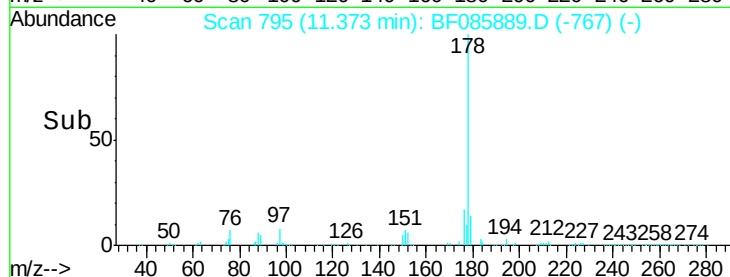
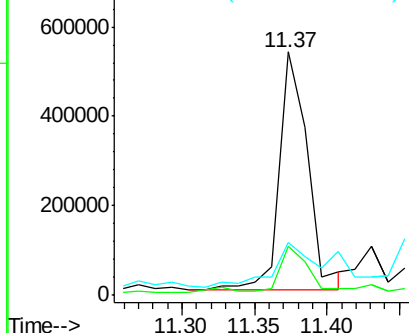
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	21.8	12.6	18.8

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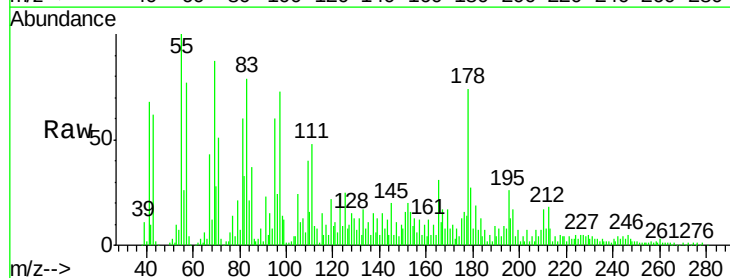


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

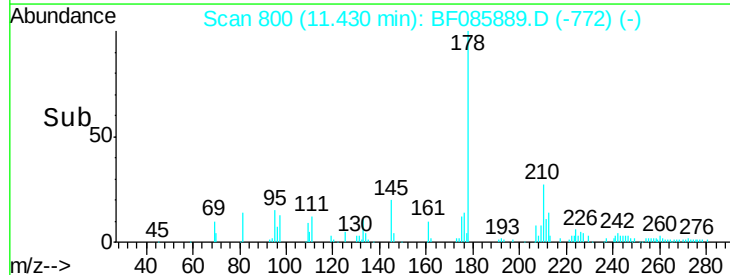
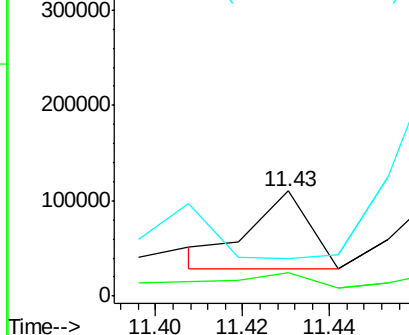


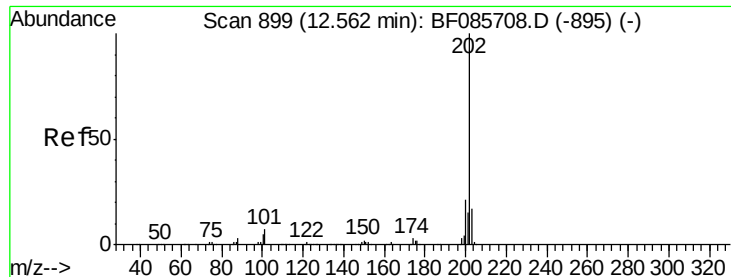
#71
Anthracene
Concen: 6.20 ng
RT: 11.43 min Scan# 800
Delta R.T. 0.02 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.9	23.9
179	36.0	13.0	19.4



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





#74

Fluoranthene

Concen: 8.66 ng

RT: 12.55 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

ClientSampleId :

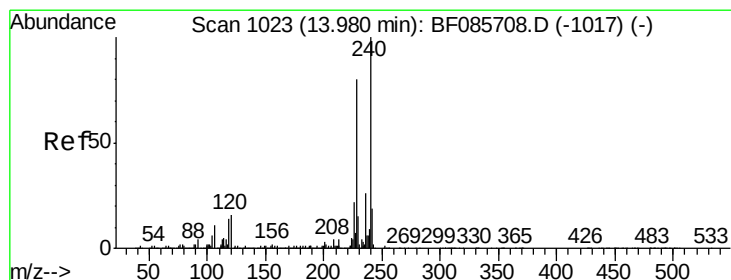
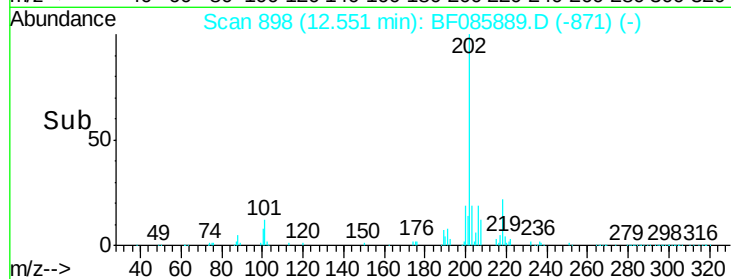
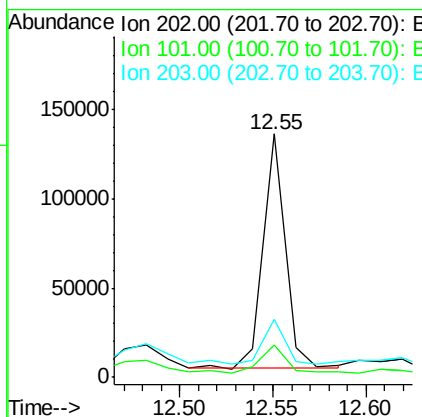
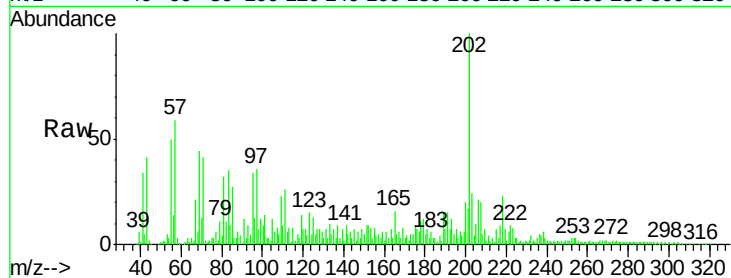
B-929(0.3N)COMPRES

Manual Integrations
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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.5	0.0	36.6		
203	23.8	0.0	38.1		



#75

Chrysene-d12

Concen: 20.00 ng

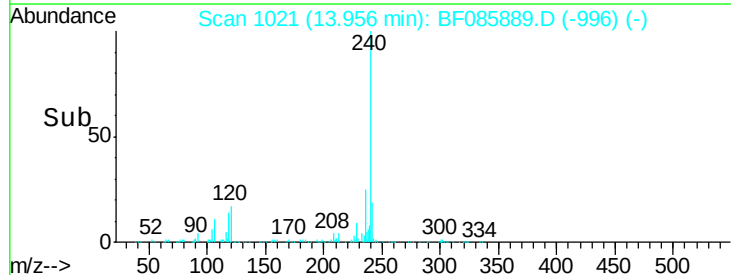
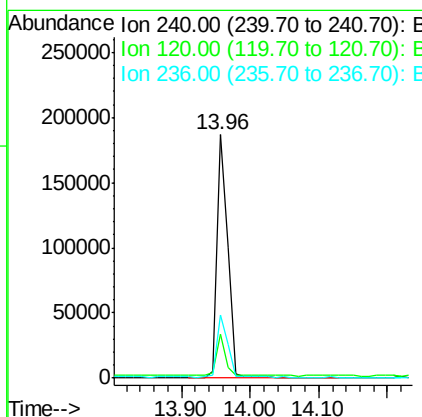
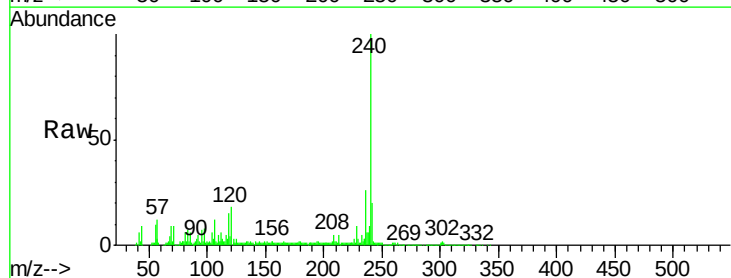
RT: 13.96 min Scan# 1021

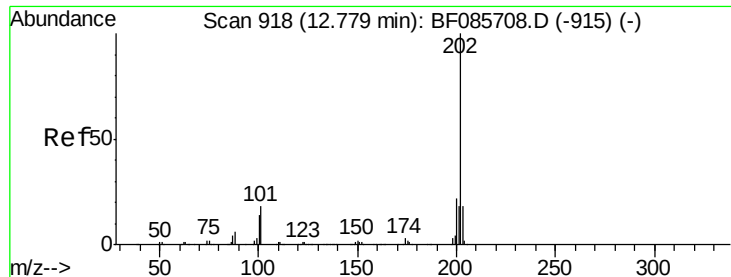
Delta R.T. -0.01 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	17.9	13.8	20.8		
236	25.9	20.6	30.8		





#77

Pyrene

Concen: 7.68 ng

RT: 12.78 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

ClientSampleId :

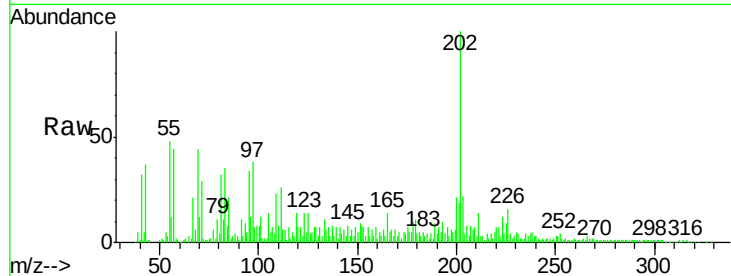
B-929(0.3N)COMPRES

Manual Integrations
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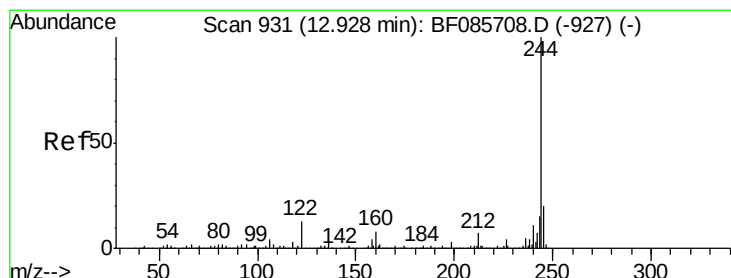
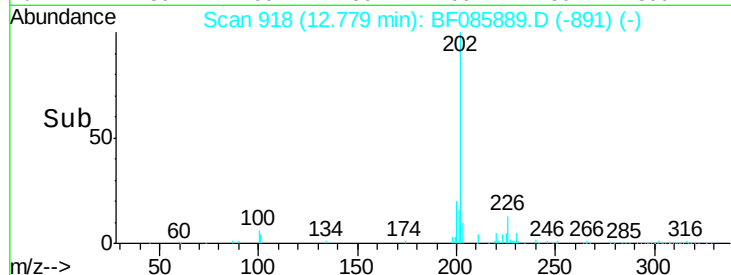
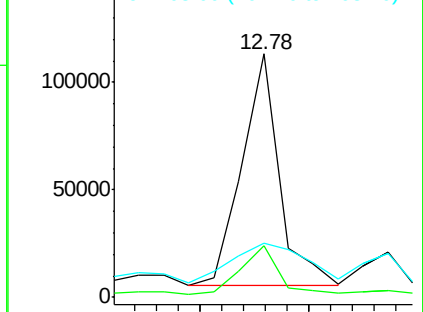
Sohil

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		129045		
200	21.0	17.6	26.4		
203	22.2	14.0	21.0#		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.95 ng

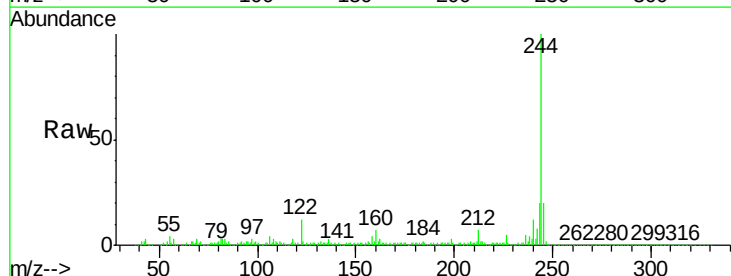
RT: 12.92 min Scan# 930

Delta R.T. 0.01 min

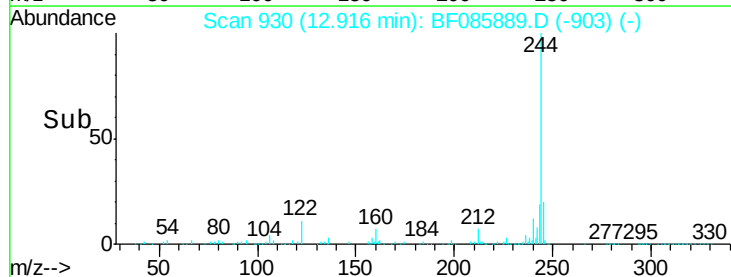
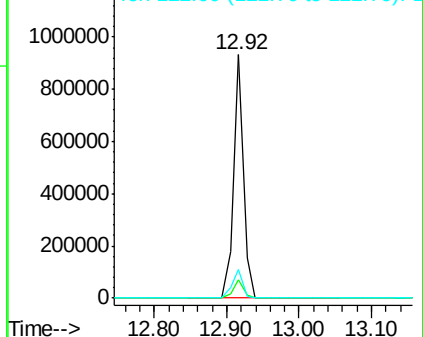
Lab File: BF085889.D

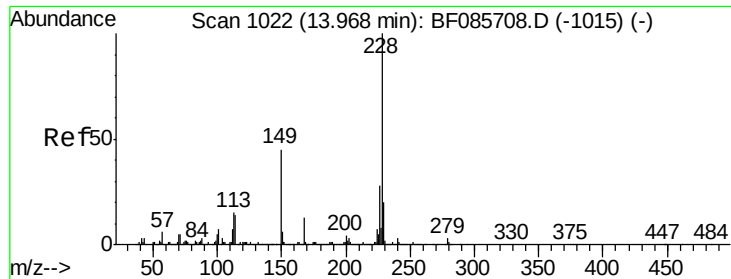
Acq: 30 Mar 2016 16:35

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		873835		
212	7.3	6.1	9.1		
122	11.6	10.2	15.4		



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





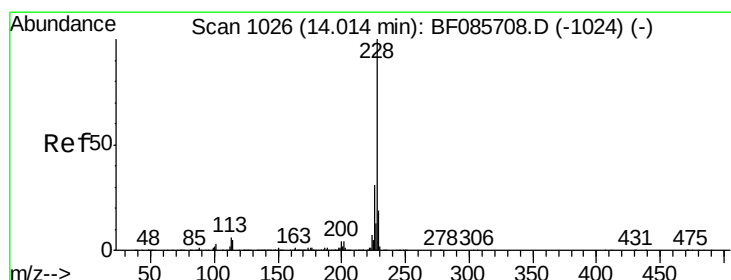
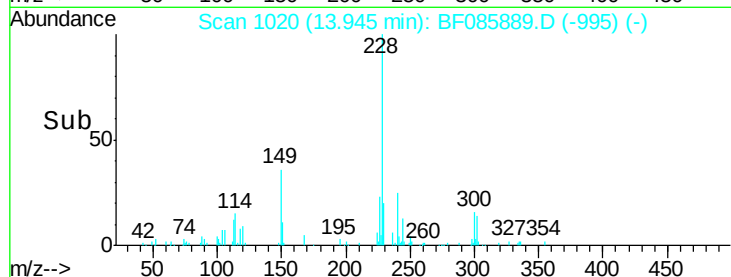
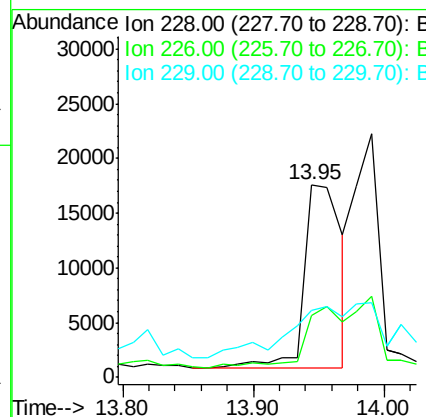
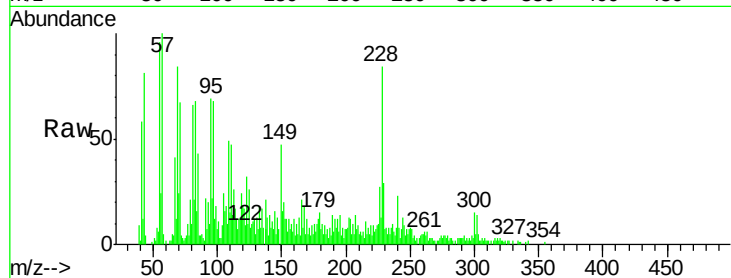
#80
Benzo(a)anthracene
Concen: 2.87 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPRES

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.1	33.1
229	34.7	16.2	24.4

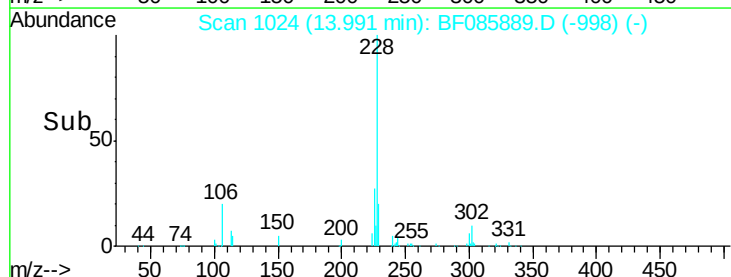
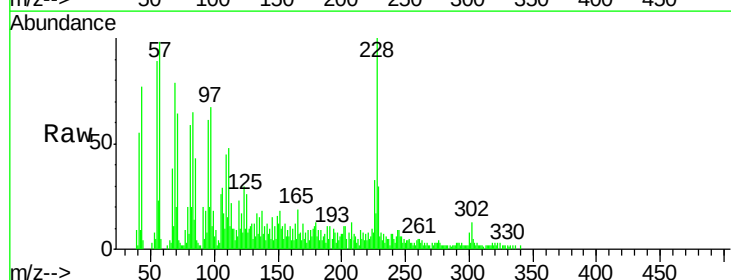
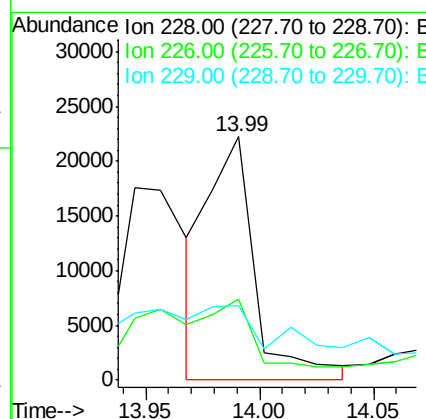
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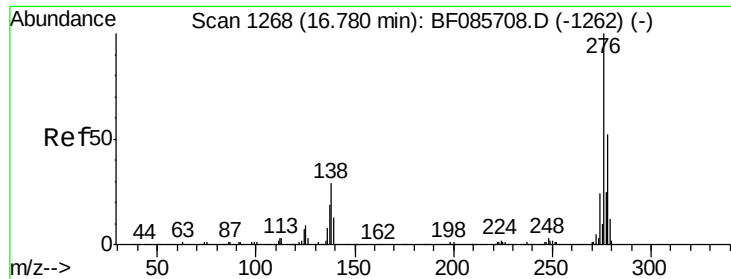
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#82
Chrysene
Concen: 2.75 ng m
RT: 13.99 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF085889.D
Acq: 30 Mar 2016 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	30.4	15.7	23.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.23 ng

RT: 16.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

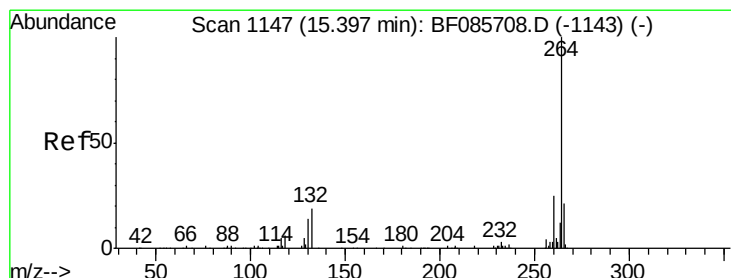
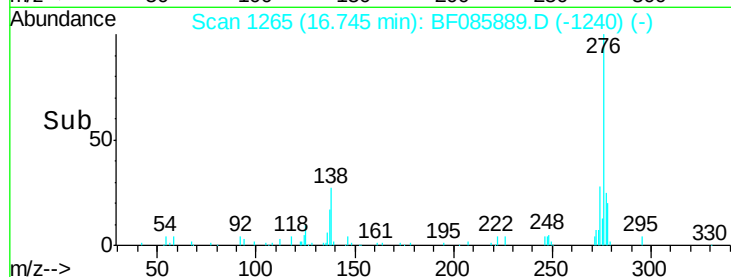
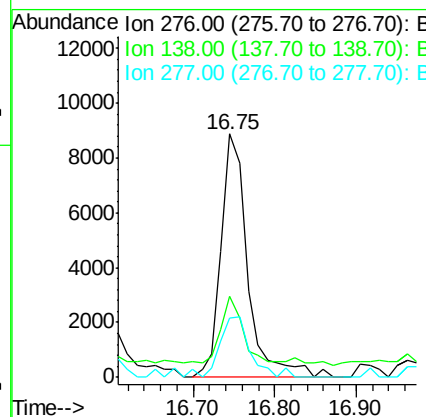
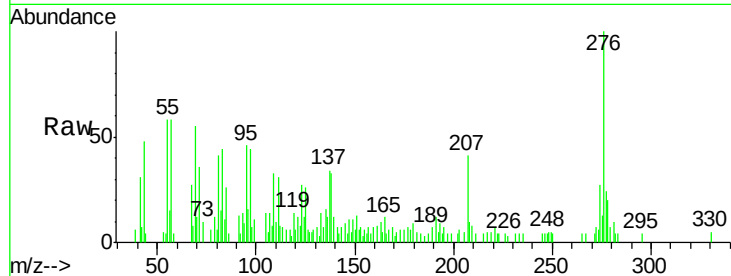
ClientSampleId :

B-929(0.3N)COMPRES

Tgt Ion:	276	Resp:	20207
Ion Ratio	Lower	Upper	
276	100		
138	22.2	24.2	36.4#
277	28.9	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

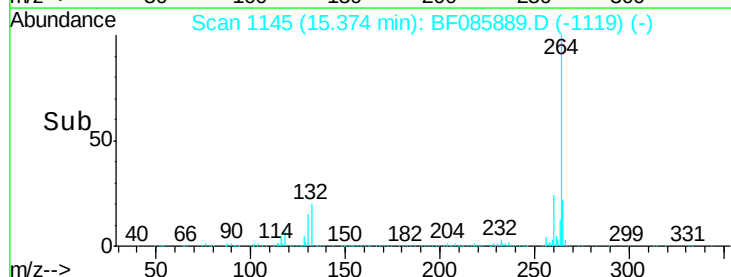
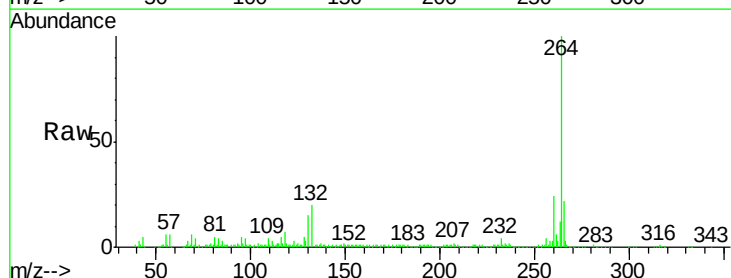
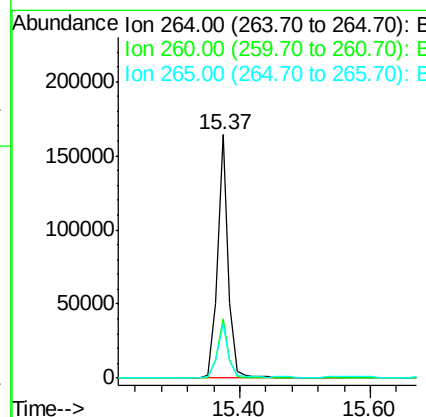
RT: 15.37 min Scan# 1145

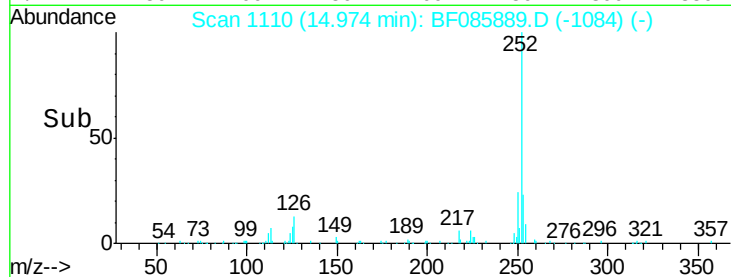
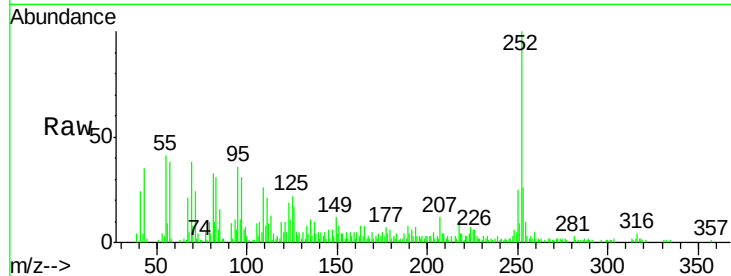
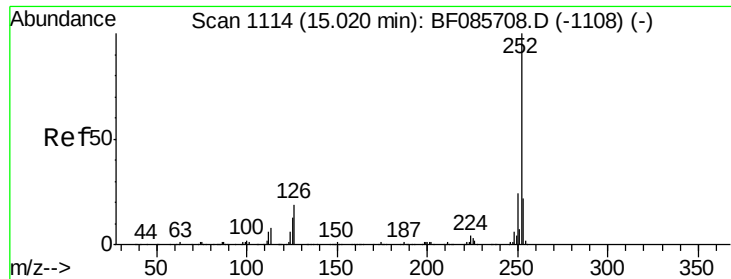
Delta R.T. -0.00 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Tgt Ion:	264	Resp:	192514
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.28 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF085889.D

Acq: 30 Mar 2016 16:35

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPRES

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.6	26.4
125	21.8	10.3	15.5

Manual Integrations
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