

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086185.D
 Acq On : 8 Apr 2016 23:13
 Operator : UM/SJ
 Sample : H2366-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4PCOMP

Manual Integrations
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Quant Time: Apr 09 01:03:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127442	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	490279	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	203445	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	354388	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	233421	20.00	ng	-0.05
86) Perylene-d12	15.28	264	216811	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	965249	129.46	ng	-0.05
7) Phenol-d6	6.38	99	1267210	133.81	ng	-0.03
23) Nitrobenzene-d5	7.30	82	733031	88.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	259083	135.68	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1159739	94.78	ng	-0.05
78) Terphenyl-d14	12.83	244	789465	79.50	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	177089	11.74	ng	98
70) Phenanthrene	11.26	178	43256	2.24	ng	99
74) Fluoranthene	12.45	202	58800	2.92	ng	97
77) Pyrene	12.68	202	60928	3.70	ng	99
87) Benzo(b)fluoranthene	14.89	252	32020m	2.35	ng	

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

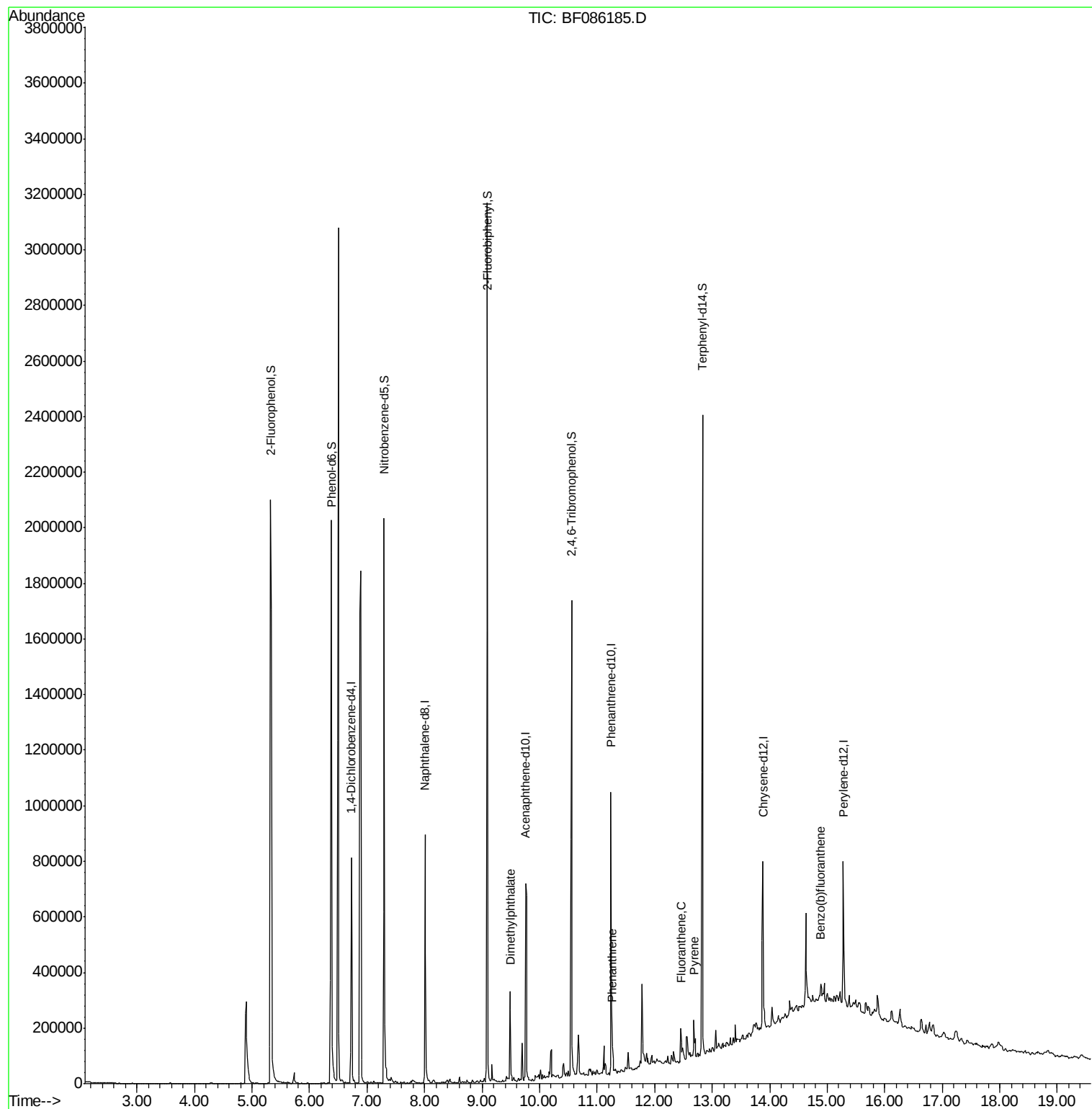
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086185.D
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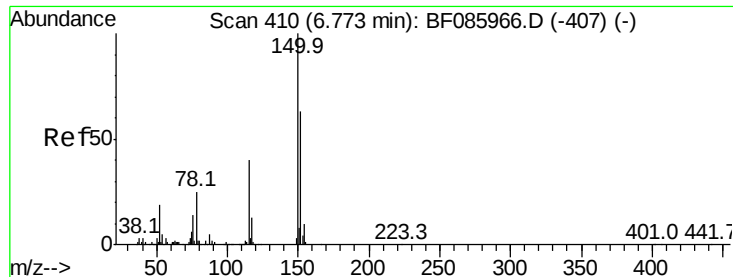
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Instrument :

BNA_F

ClientSampleId :

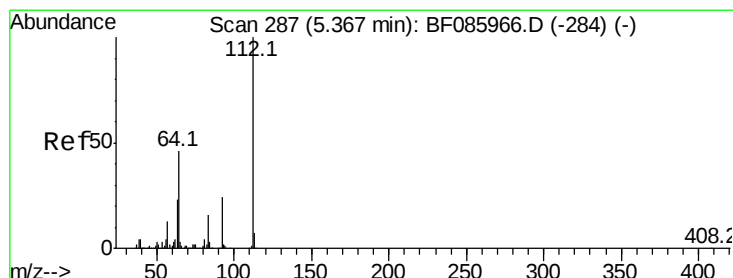
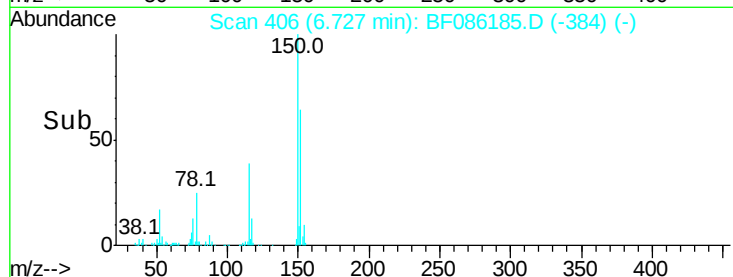
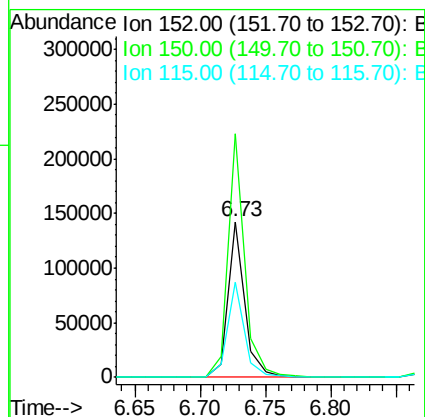
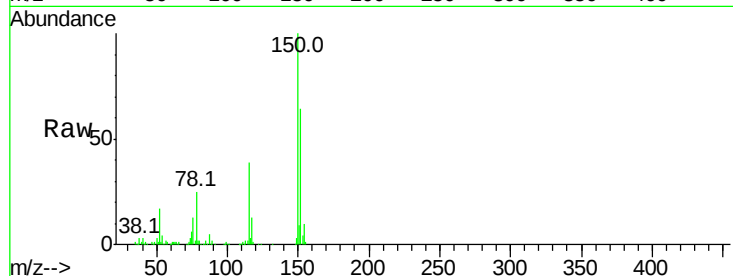
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Tot Ion:	152	Resp:	127442
Ion Ratio	Lower	Upper	
152	100		
150	156.5	124.2	186.2
115	61.4	47.0	70.6



#5

2-Fluorophenol

Concen: 129.46 ng

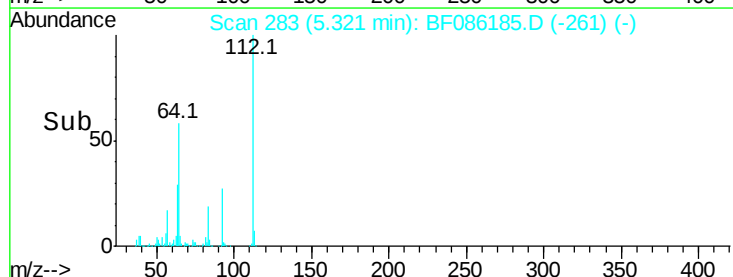
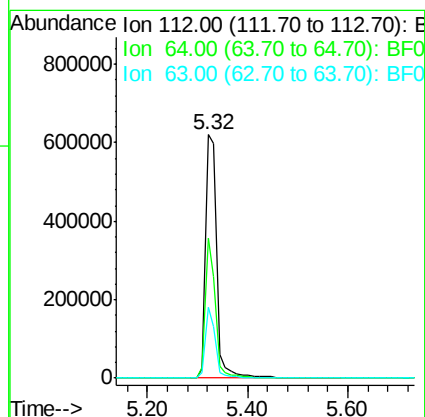
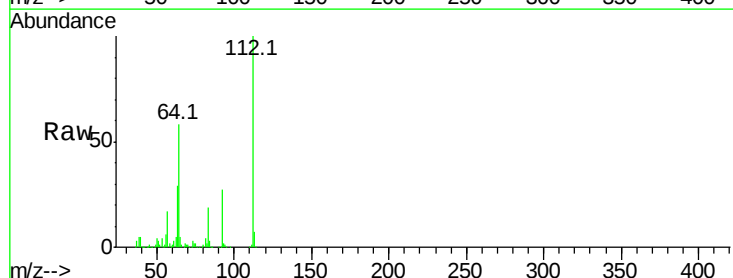
RT: 5.32 min Scan# 283

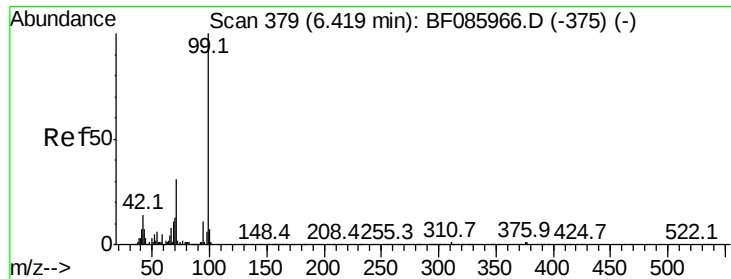
Delta R.T. -0.05 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Tgt Ion:	112	Resp:	965249
Ion Ratio	Lower	Upper	
112	100		
64	57.6	39.9	59.9
63	29.0	20.2	30.2





#7

Phenol-d6

Concen: 133.81 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Instrument :

BNA_F

ClientSampleId :

B-4PCOMP

Tot Ion: 99 Resp: 1267210

Ion Ratio Lower Upper

99 100

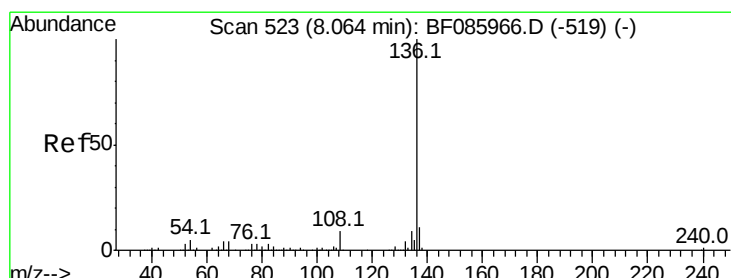
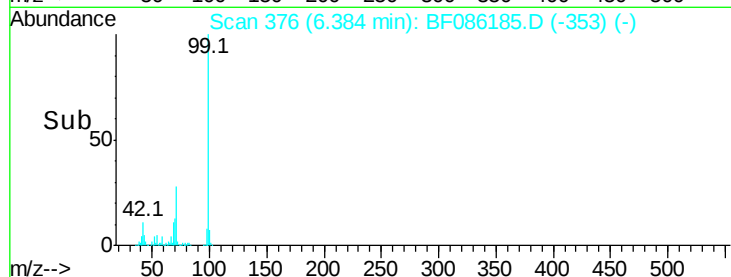
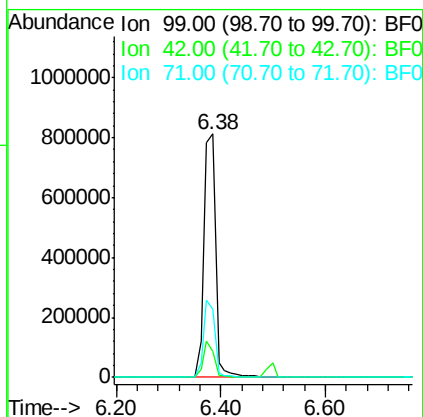
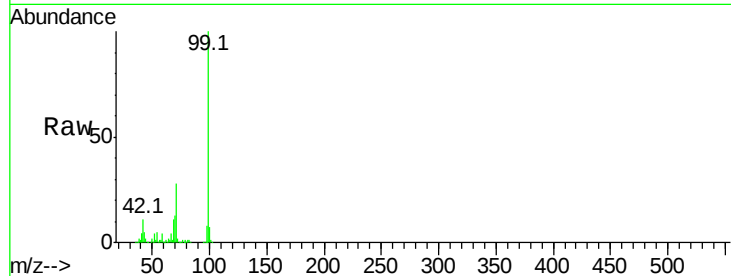
42 10.9 11.1 16.7#

71 28.1 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Tgt Ion: 136 Resp: 490279

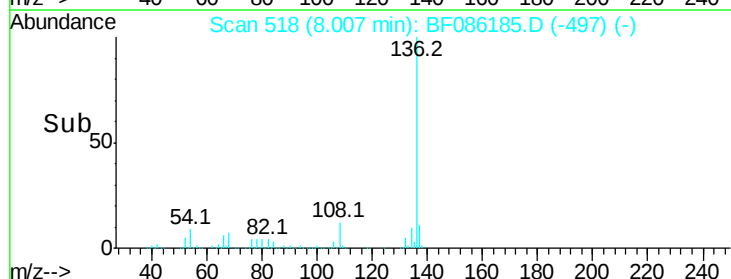
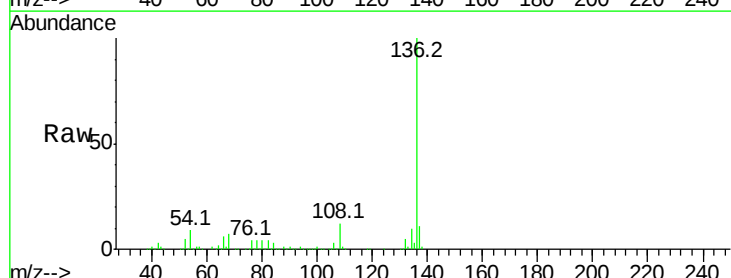
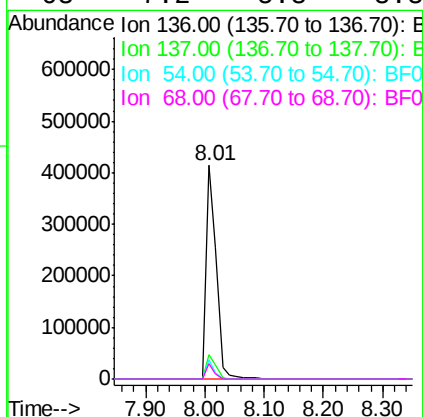
Ion Ratio Lower Upper

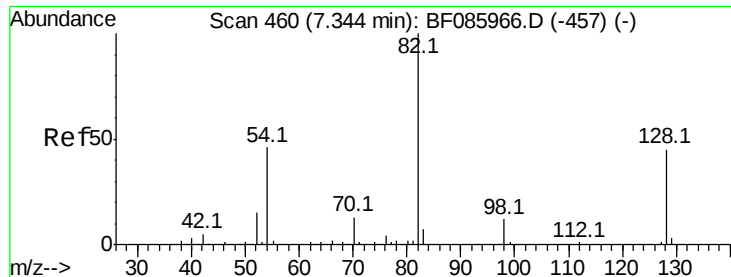
136 100

137 11.4 9.1 13.7

54 8.8 7.4 11.0

68 7.2 5.8 8.8





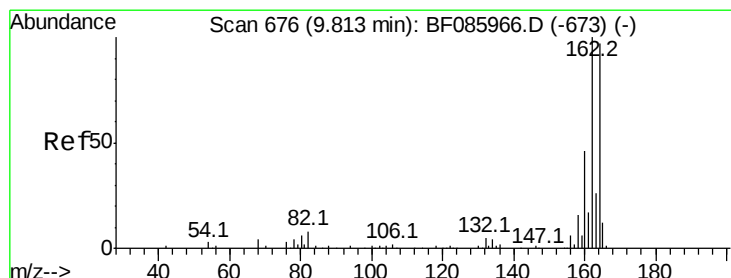
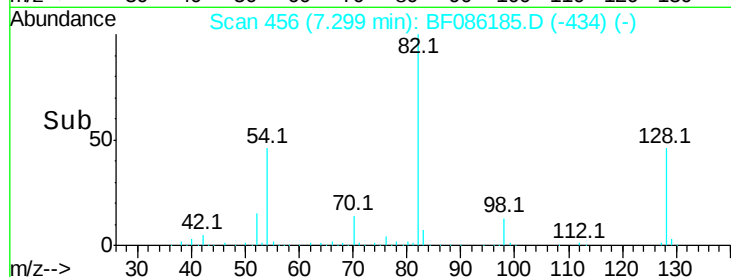
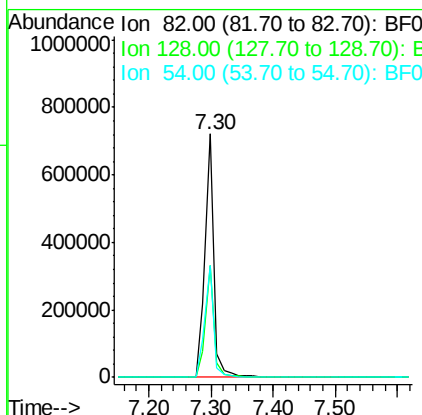
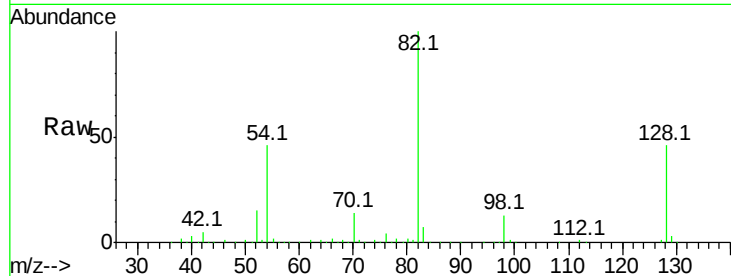
#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	41.8	62.8
54	45.7	33.4	50.0

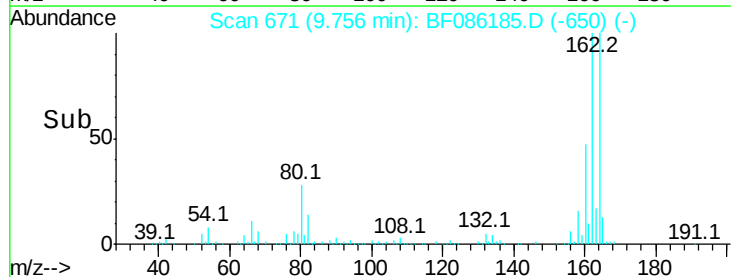
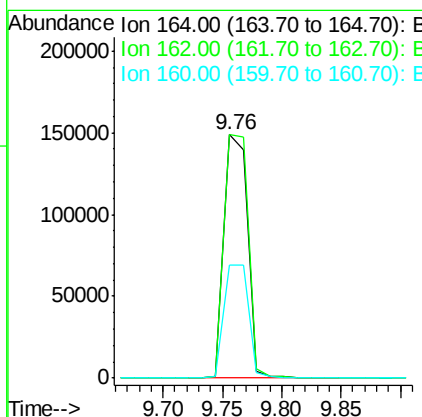
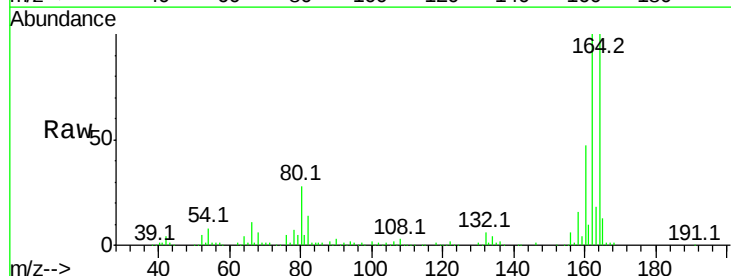
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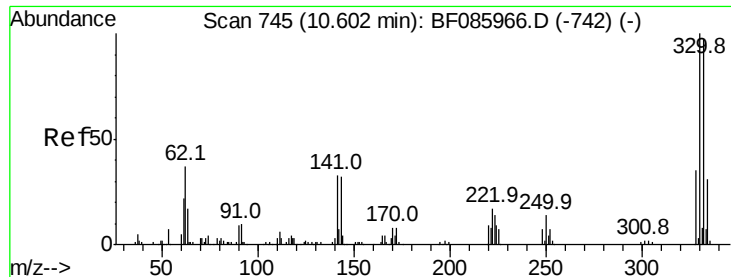
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.1	123.1
160	46.6	37.4	56.2





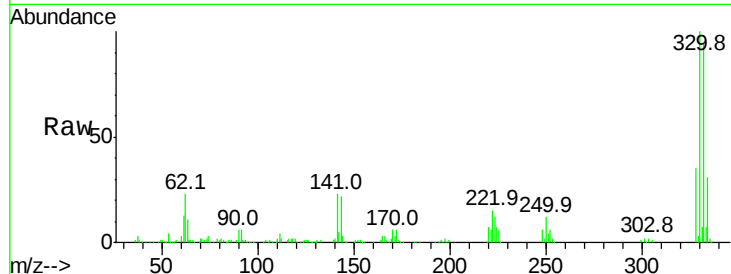
#41
 2,4,6-Tribromophenol
 Concen: 135.68 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-4PCOMP

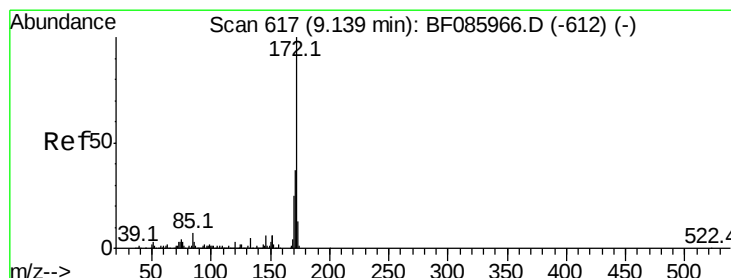
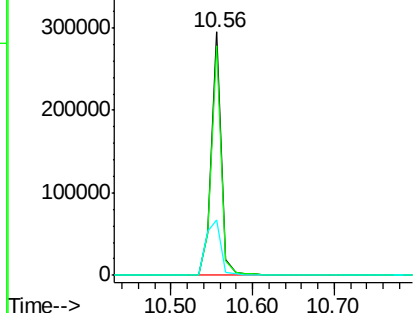
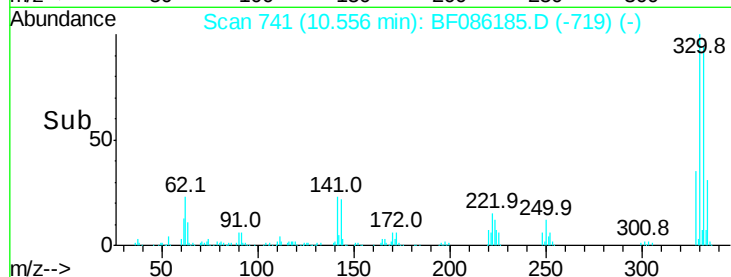
Tot Ion	Ratio	Resp	Lower	Upper
330	100	259083		
332	94.7	78.2	117.2	
141	35.0	31.5	47.3	

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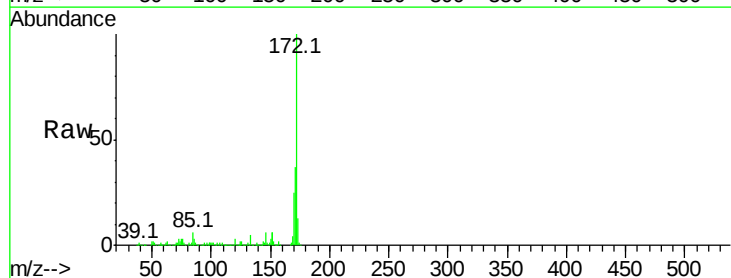


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

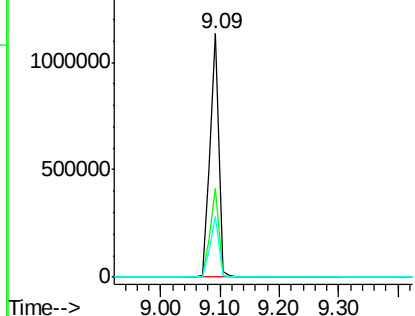
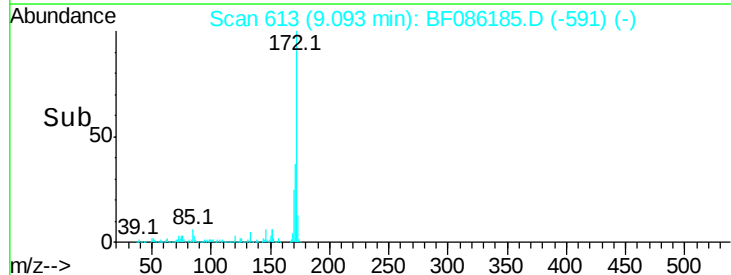


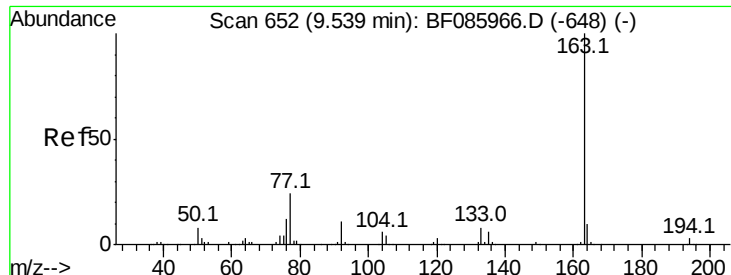
#44
 2-Fluorobiphenyl
 Concen: 94.78 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1159739		
171	36.6	29.4	44.2	
170	24.8	19.8	29.6	



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





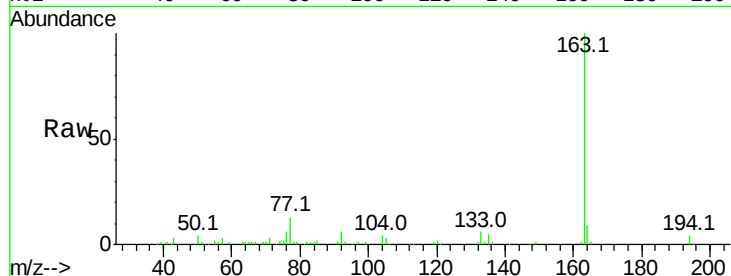
#49
Dimethylphthalate
Concen: 11.74 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

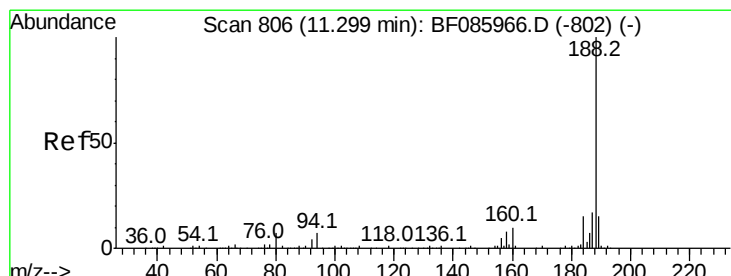
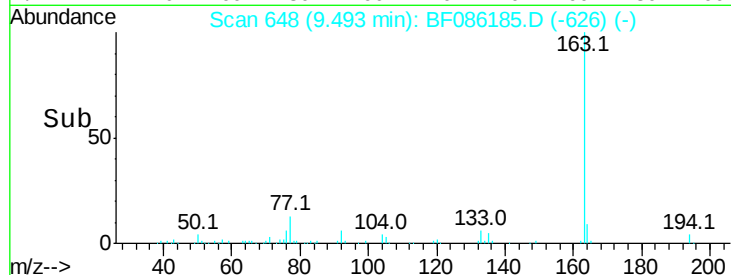
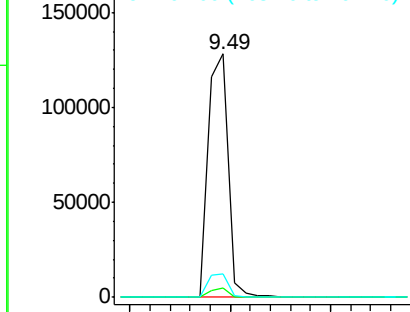
Tot Ion	Ratio	Resp	Lower	Upper
163	100	177089		
194	3.9		2.9	4.3
164	9.4		8.3	12.5

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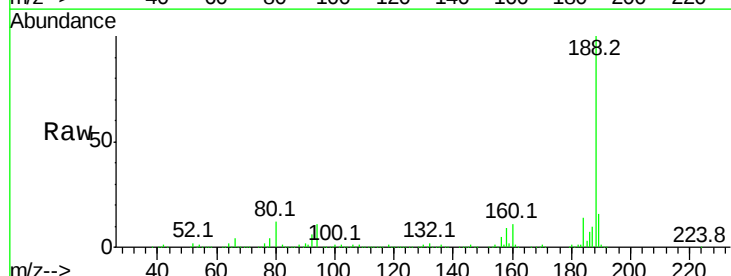


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

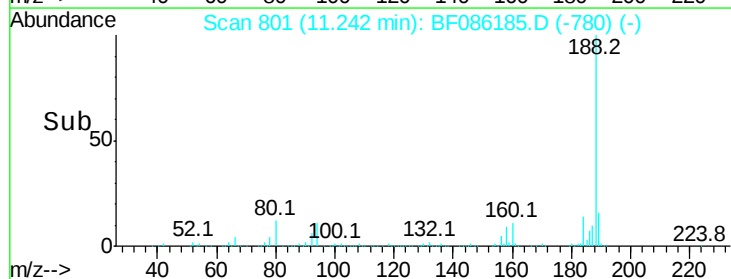
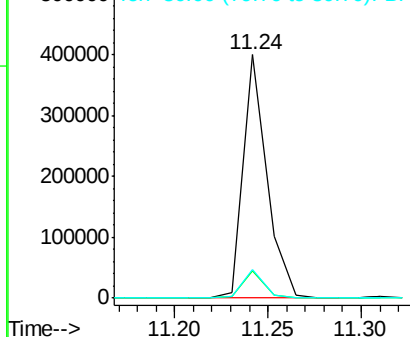


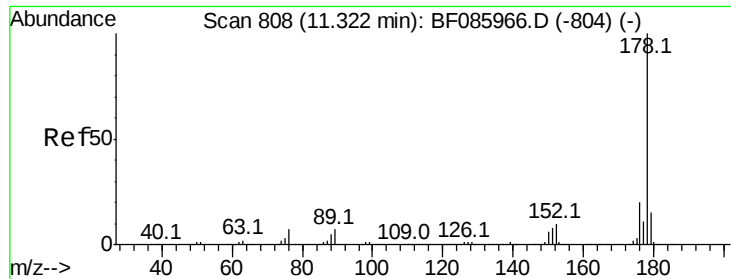
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	354388		
94	11.4		5.4	8.0#
80	11.9		5.5	8.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.24 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:178 Resp: 43256

Ion Ratio Lower Upper

178 100

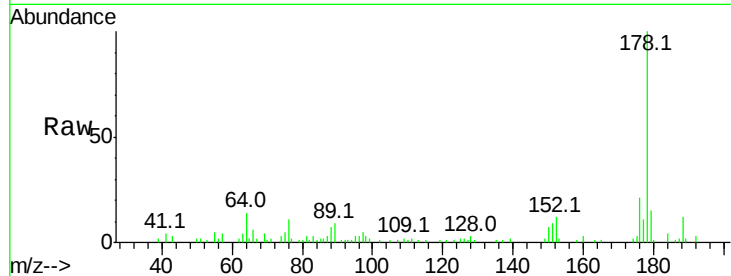
176 21.0 16.3 24.5

179 15.4 12.6 18.8

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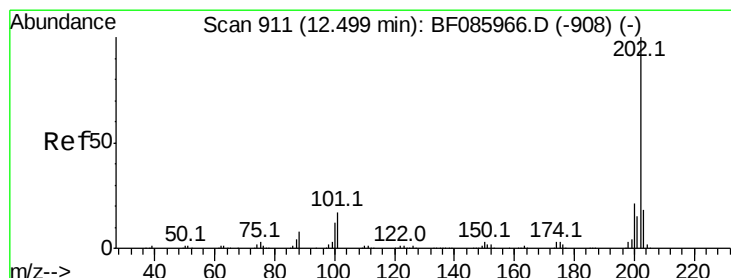
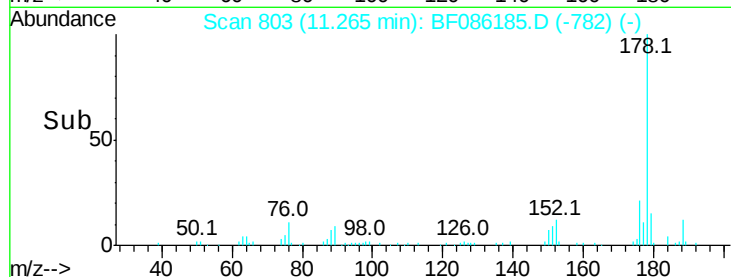
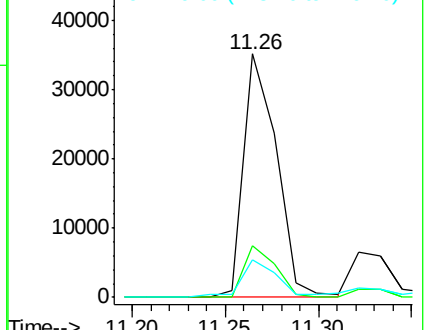
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.92 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

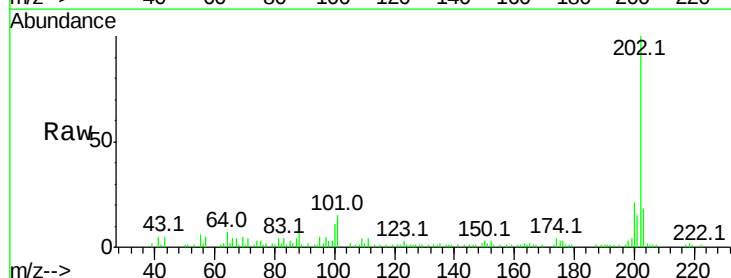
Tgt Ion:202 Resp: 58800

Ion Ratio Lower Upper

202 100

101 14.6 0.0 36.6

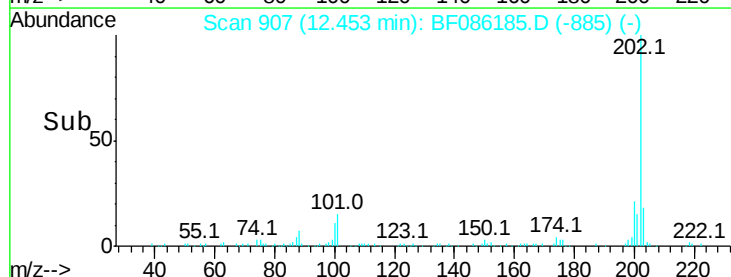
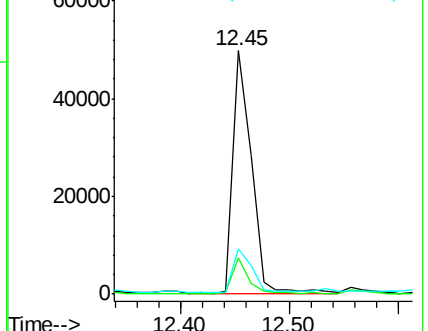
203 18.4 0.0 38.1

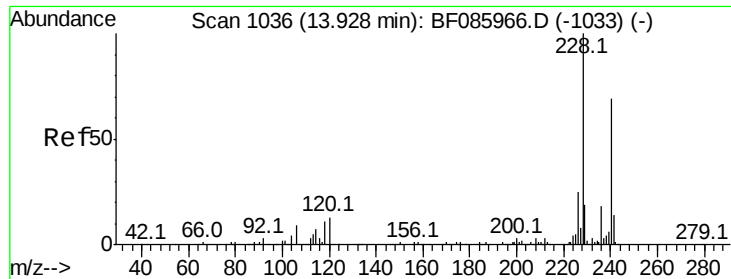


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Instrument :

BNA_F

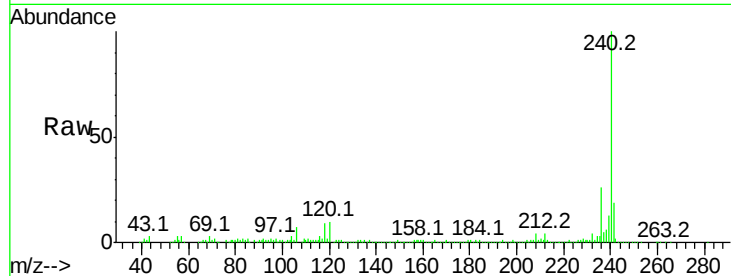
ClientSampleId :

B-4PCOMP

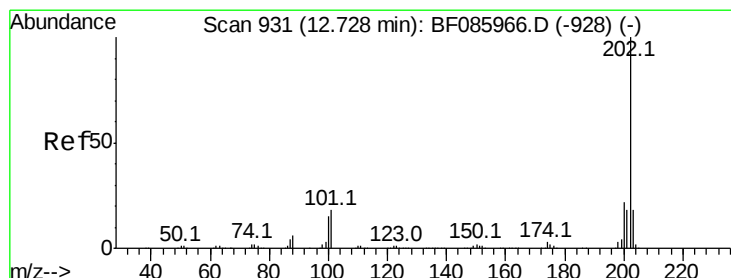
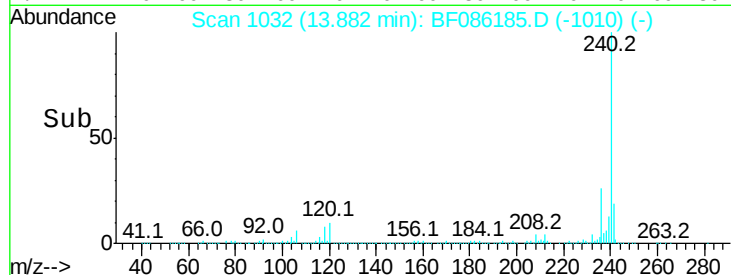
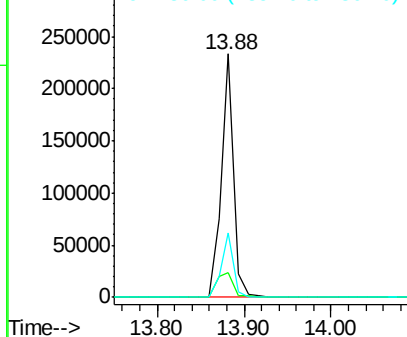
Tot Ion:	240	Resp:	233421
Ion Ratio	Lower	Upper	
240	100		
120	9.9	13.8	20.8#
236	26.3	20.6	30.8

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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

Pyrene

Concen: 3.70 ng

RT: 12.68 min Scan# 927

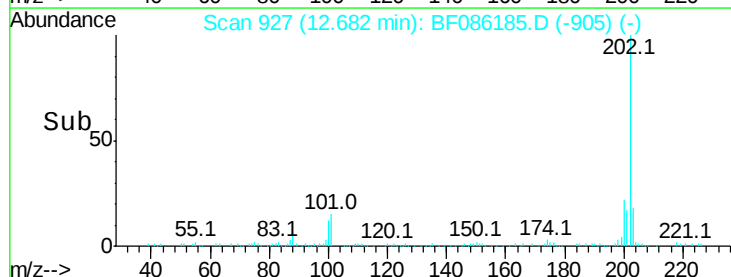
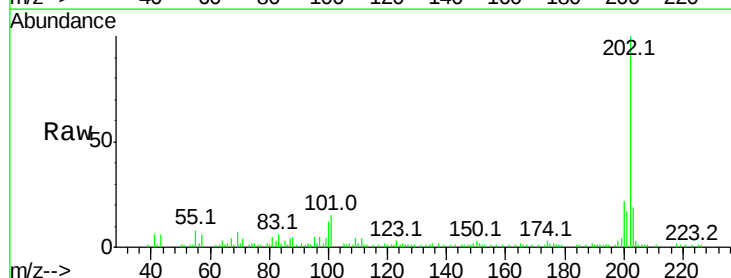
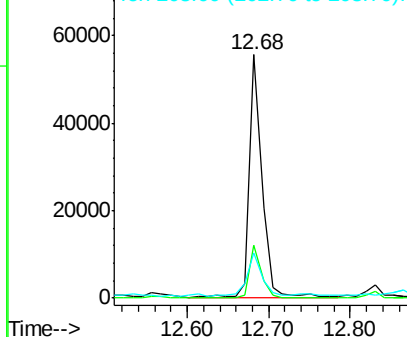
Delta R.T. -0.05 min

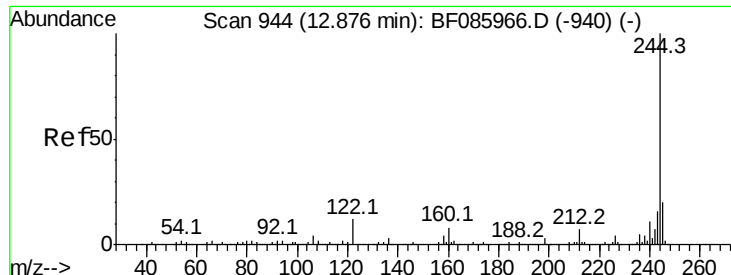
Lab File: BF086185.D

Acq: 8 Apr 2016 23:13

Tgt Ion:	202	Resp:	60928
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	18.8	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





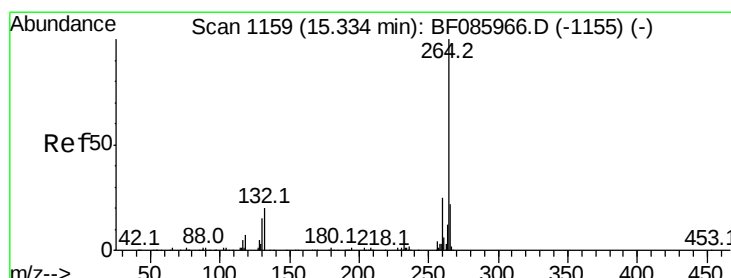
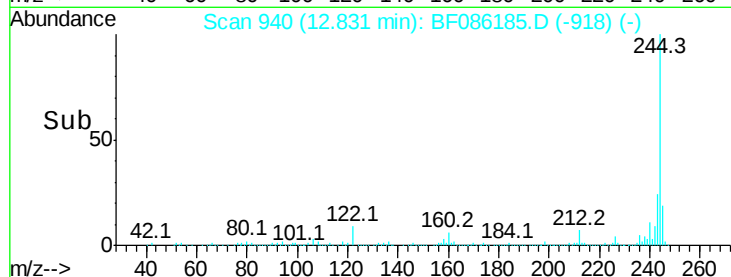
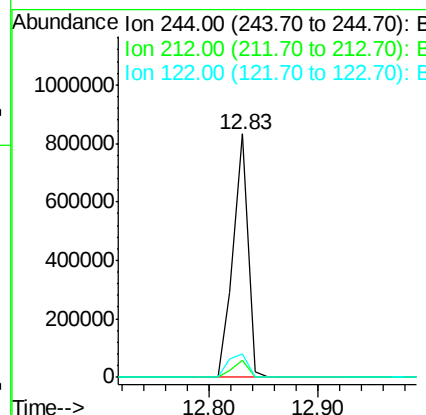
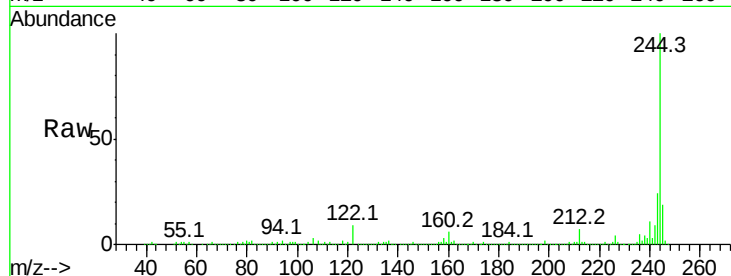
#78
 Terphenyl-d14
 Concen: 79.50 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-4PCOMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.1	9.1	
122	9.4	10.2	15.4	

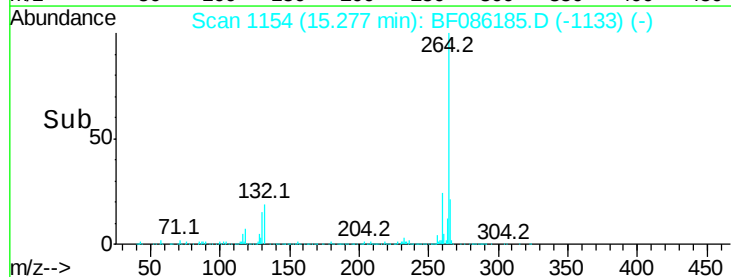
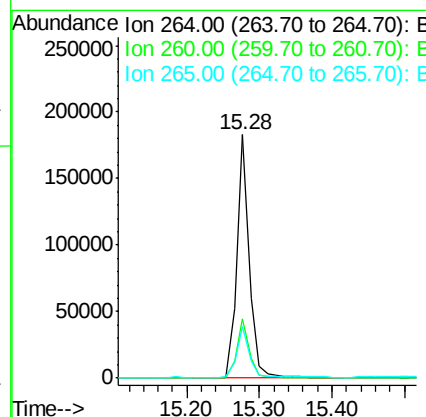
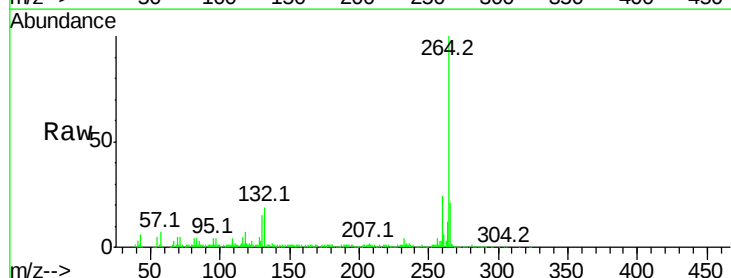
Manual Integrations
 APPROVED

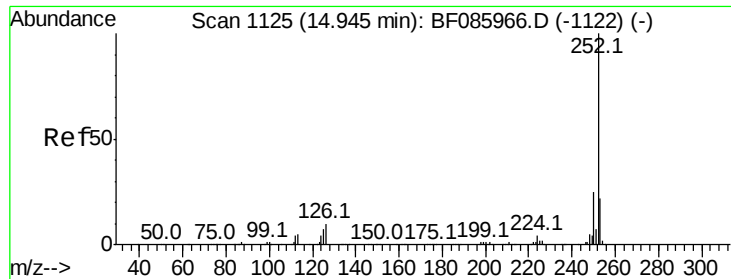
Sohil
 4/11/2016 5:45:20 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.4	29.2	
265	21.1	17.2	25.8	





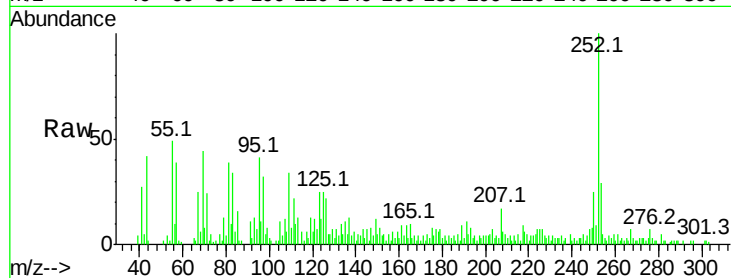
#87
 Benzo(b)fluoranthene
 Concen: 2.35 ng/ml
 RT: 14.89 min Scan# 1120
 Delta R.T. -0.06 min
 Lab File: BF086185.D
 Acq: 8 Apr 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-4PCOMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.6	26.4
125	25.4	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:20 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

