

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086058.D
 Acq On : 5 Apr 2016 00:57
 Operator : UM/SJ
 Sample : H2096-02 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B8COMP

Manual Integrations
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 4/5/2016 6:39:16 PM

Quant Time: Apr 05 04:21:21 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	6.76	152	104672	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	377656	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	157254	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	236376	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	181786	20.00	ng	-0.01
86) Perylene-d12	15.33	264	136819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	143175	23.38	ng	-0.01
7) Phenol-d6	6.41	99	194698	25.03	ng	-0.01
23) Nitrobenzene-d5	7.33	82	92938	14.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	23396	15.85	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	173968	18.39	ng	-0.01
78) Terphenyl-d14	12.87	244	114450	14.80	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	12.50	202	38906	2.90	ng	90
77) Pyrene	12.72	202	42072	3.28	ng	96
80) Benzo(a)anthracene	13.91	228	29464	2.75	ng	# 85
82) Chrysene	13.95	228	26190	2.54	ng	# 87
87) Benzo(b)fluoranthene	14.93	252	28292m	3.29	ng	
89) Benzo(a)pyrene	15.28	252	18730	2.46	ng	# 68

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

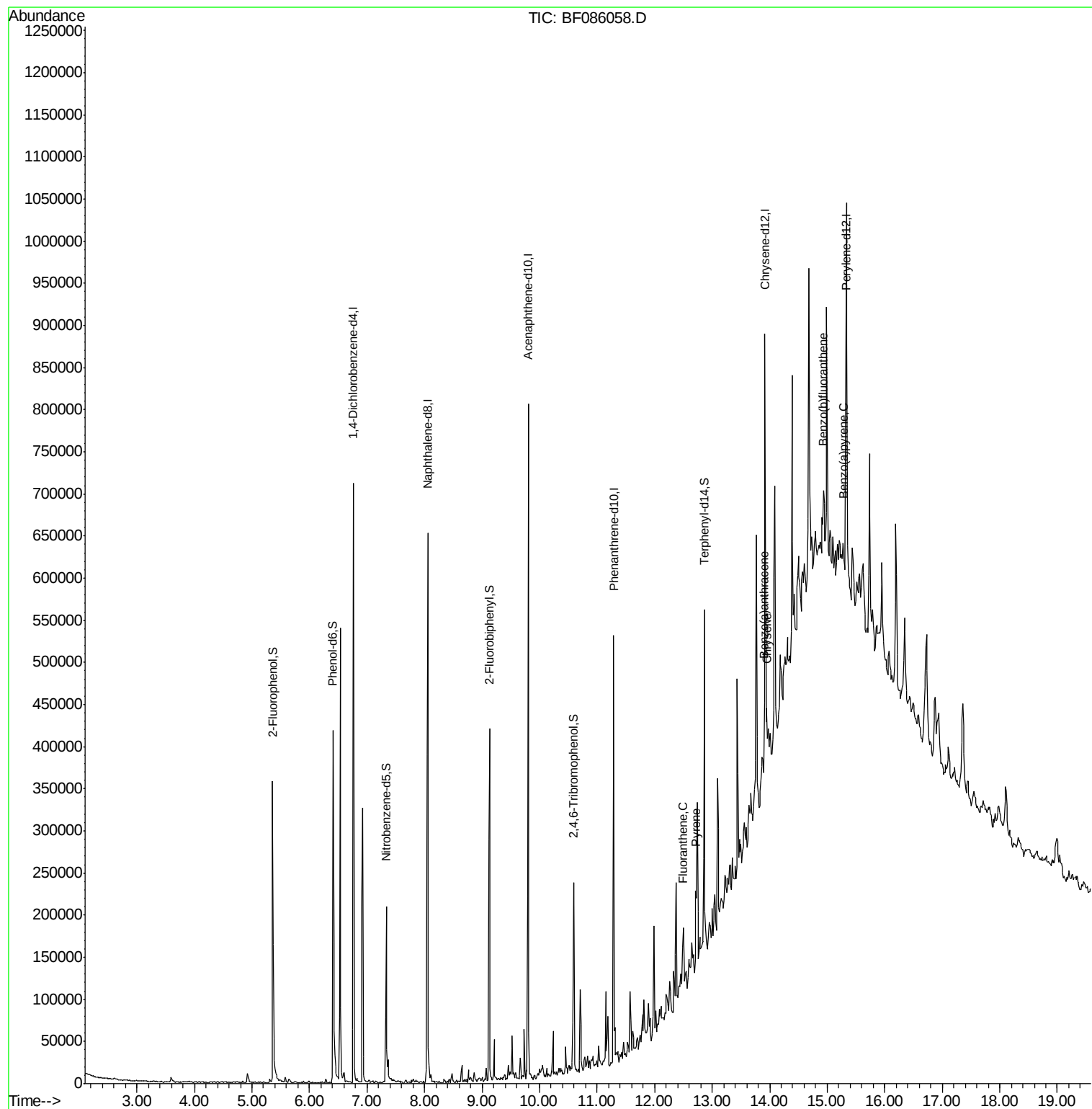
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

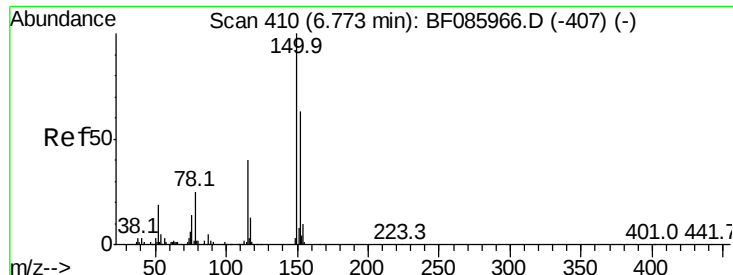
Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

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Quant Time: Apr 05 04:21:21 2016
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QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Instrument :

BNA_F

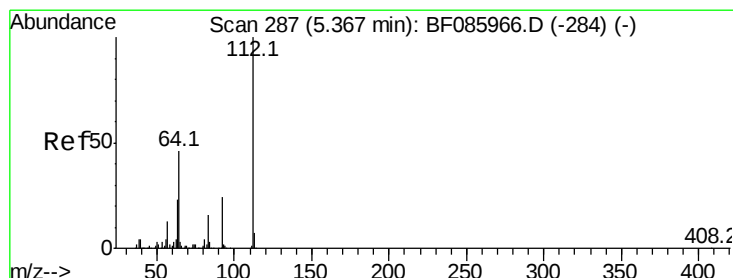
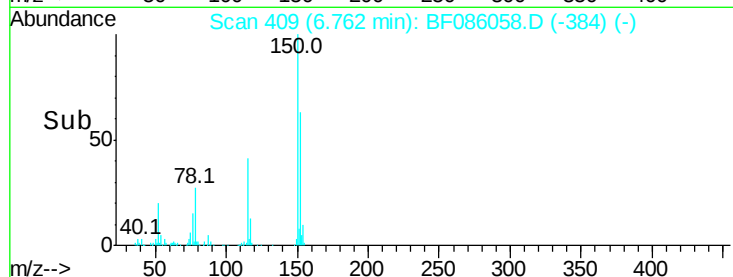
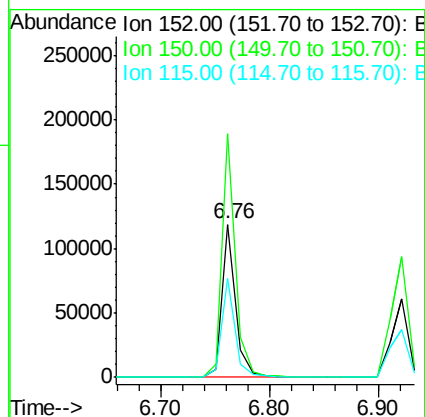
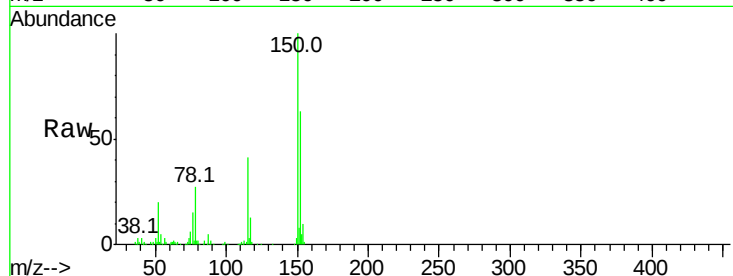
ClientSampleId :

TEC-B8COMP

Tot Ion:	152	Resp:	104672
Ion Ratio	Lower	Upper	
152	100		
150	159.2	124.2	186.2
115	64.7	47.0	70.6

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#5

2-Fluorophenol

Concen: 23.38 ng

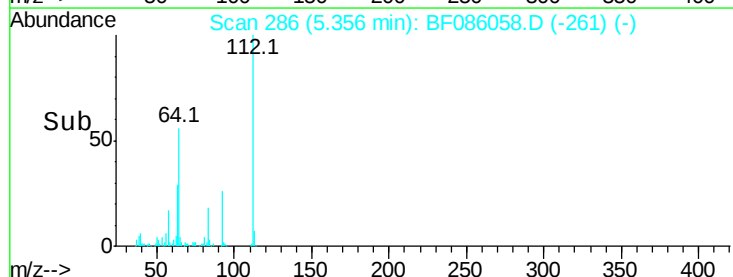
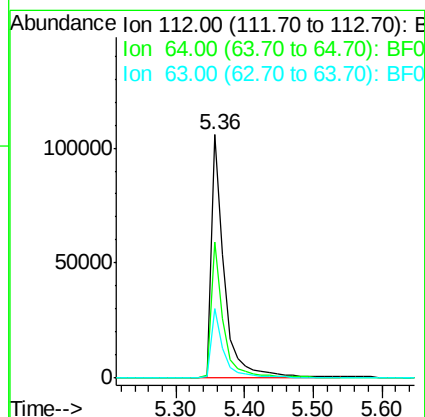
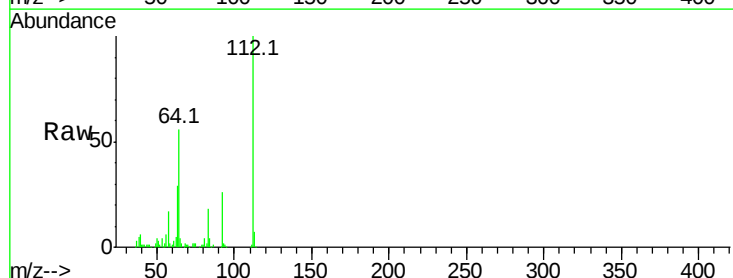
RT: 5.36 min Scan# 286

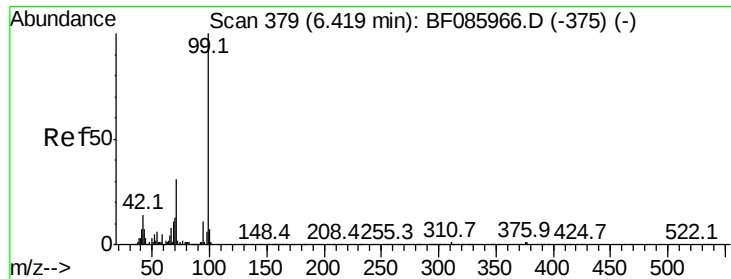
Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Tgt Ion:	112	Resp:	143175
Ion Ratio	Lower	Upper	
112	100		
64	56.1	39.9	59.9
63	28.7	20.2	30.2





#7

Phenol-d6

Concen: 25.03 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Instrument :

BNA_F

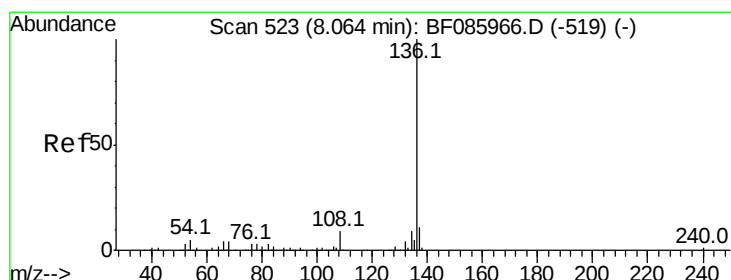
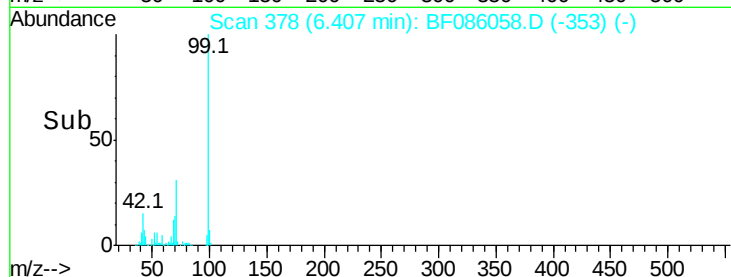
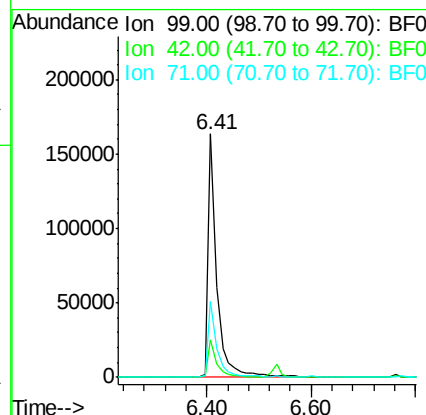
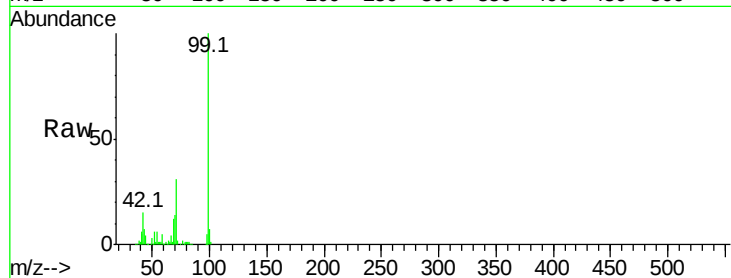
ClientSampleId :

TEC-B8COMP

Tot Ion:	99	Resp:	194698
Ion Ratio	Lower	Upper	
99	100		
42	15.3	11.1	16.7
71	31.1	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

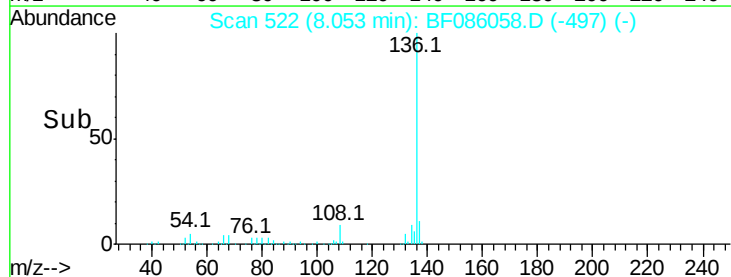
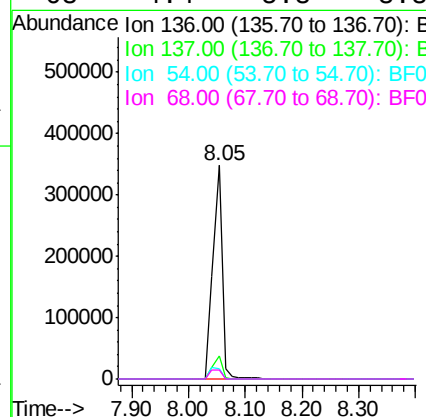
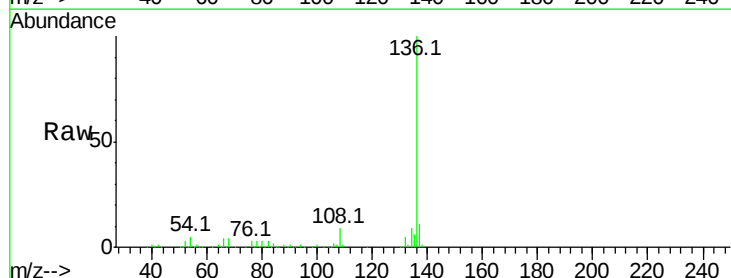
RT: 8.05 min Scan# 522

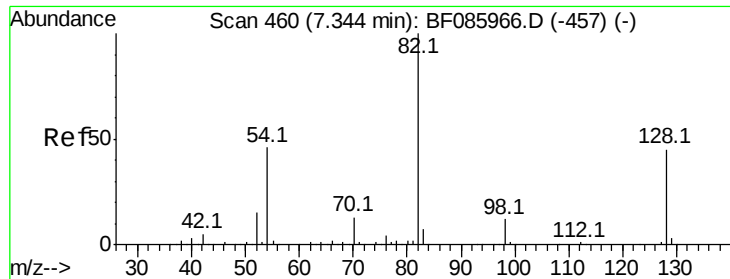
Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Tgt Ion:	136	Resp:	377656
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#





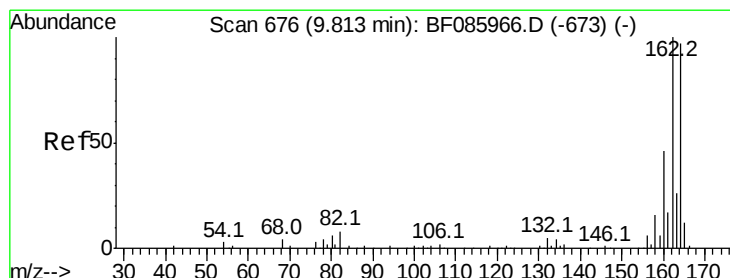
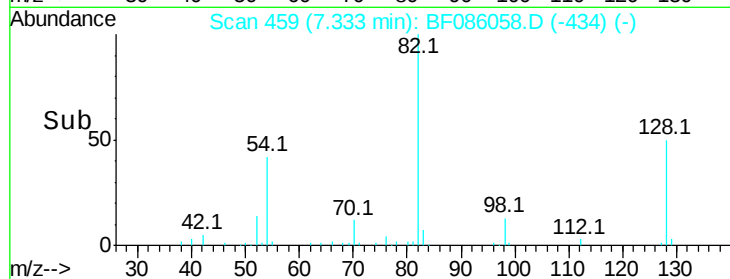
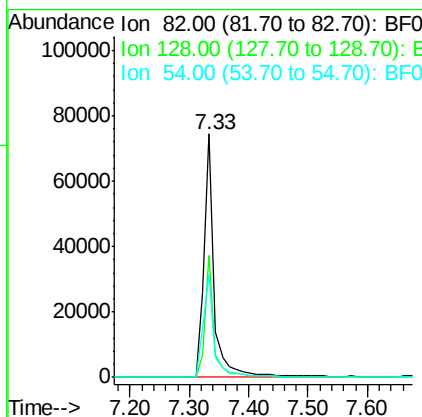
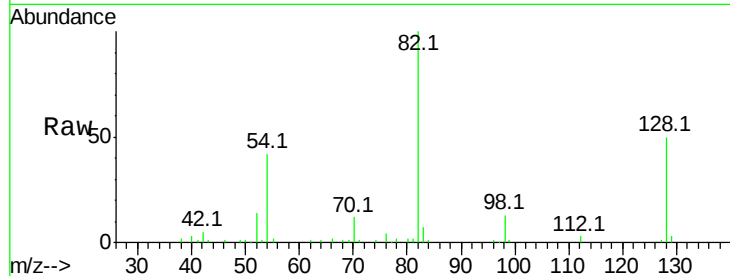
#23
Nitrobenzene-d5
Concen: 14.51 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	41.8	62.8
54	42.4	33.4	50.0

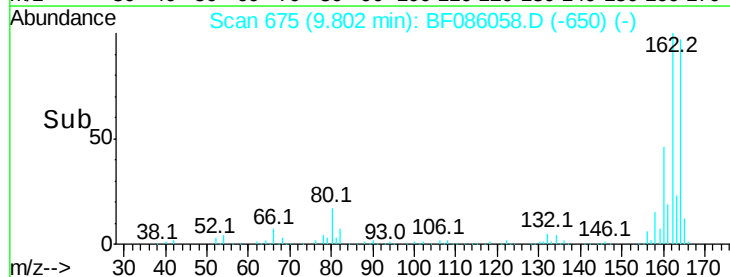
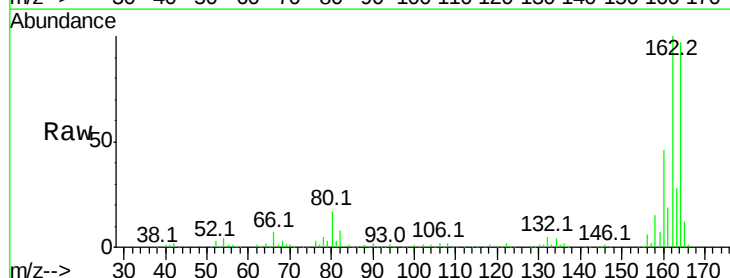
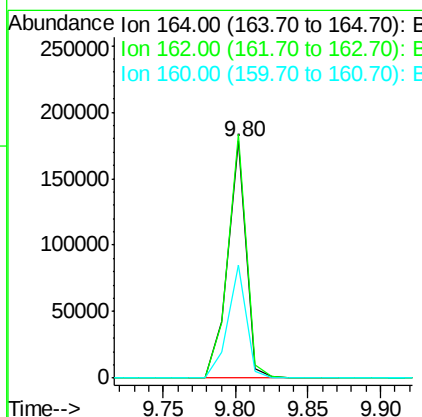
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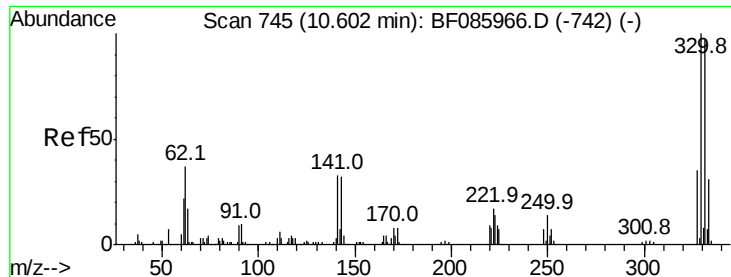
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.6	37.4	56.2





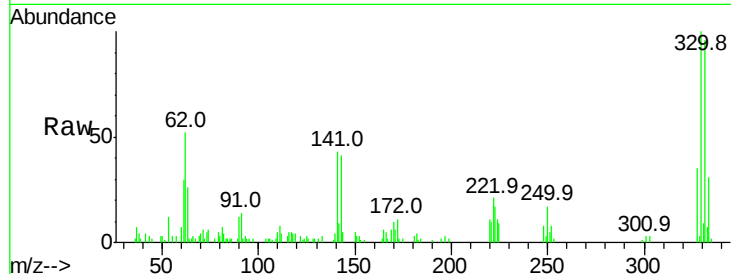
#41
 2,4,6-Tribromophenol
 Concen: 15.85 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086058.D
 Acq: 5 Apr 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B8COMP

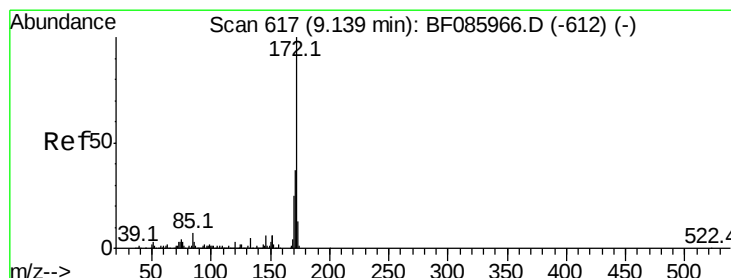
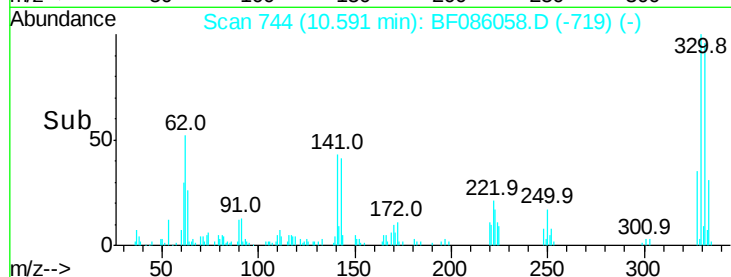
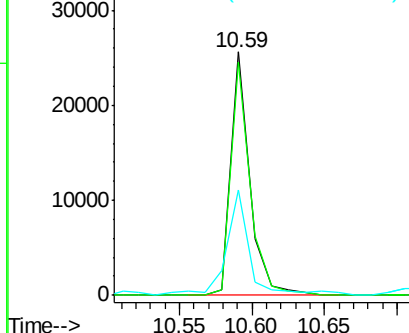
Tot Ion	Ratio	Resp	Lower	Upper
330	100	23396		
332	97.3	78.2	117.2	
141	53.9	31.5	47.3#	

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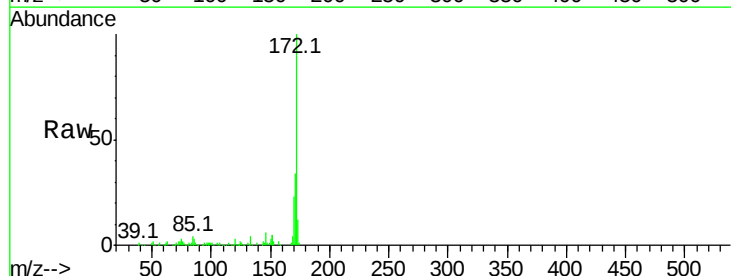


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

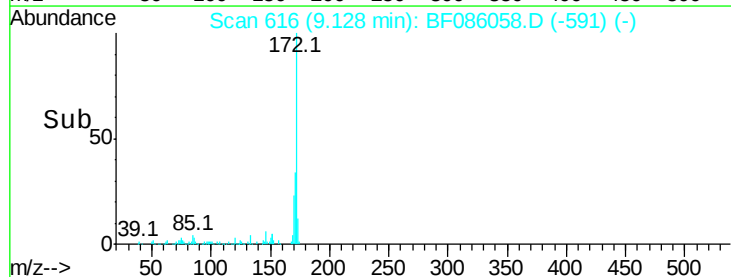
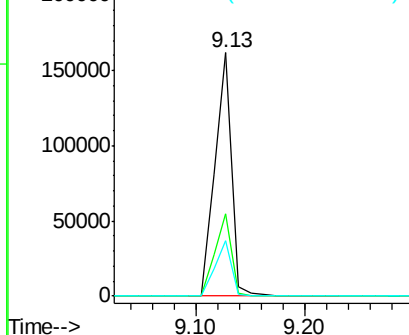


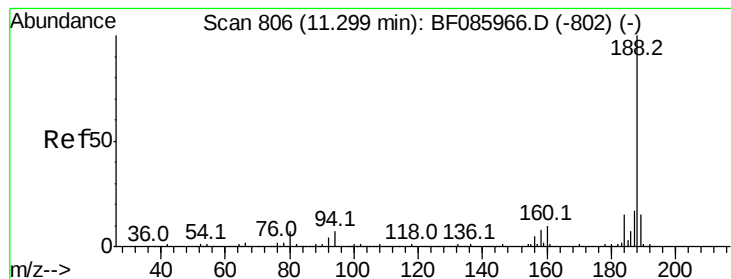
#44
 2-Fluorobiphenyl
 Concen: 18.39 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086058.D
 Acq: 5 Apr 2016 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	173968		
171	33.9	29.4	44.2	
170	22.7	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





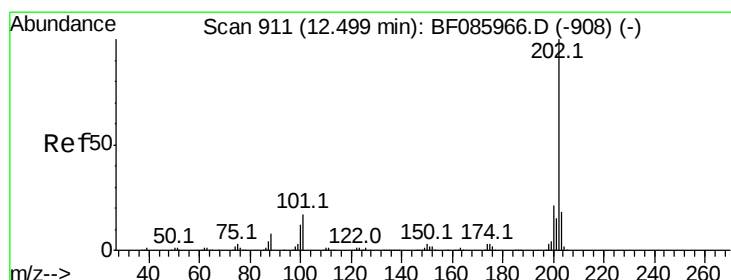
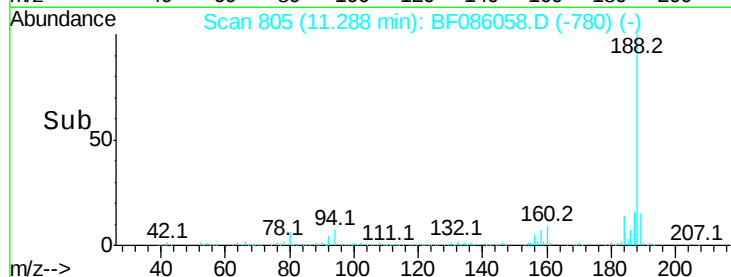
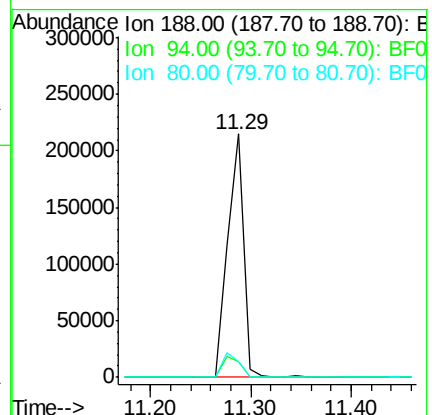
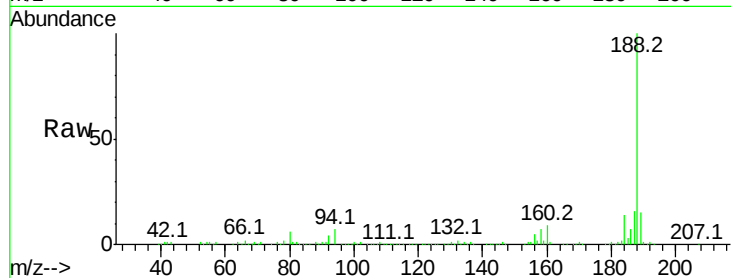
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion:	188	Resp:	236376
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.4	8.0
80	6.5	5.5	8.3

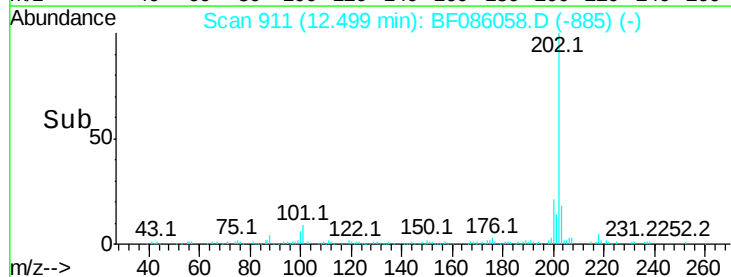
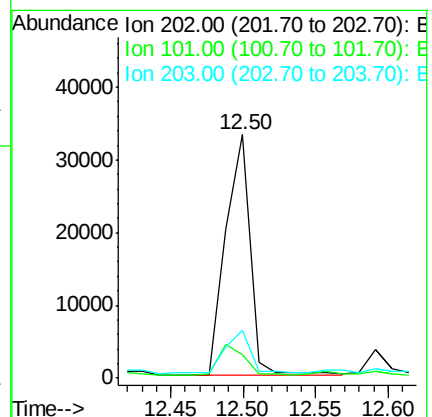
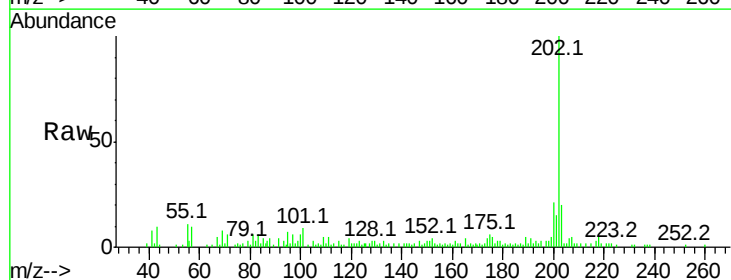
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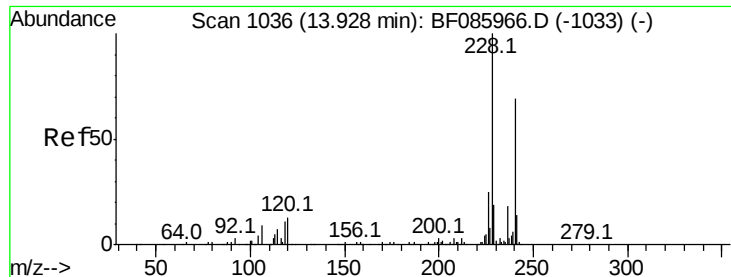
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#74
Fluoranthene
Concen: 2.90 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Tgt Ion:	202	Resp:	38906
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	36.6
203	19.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Instrument :

BNA_F

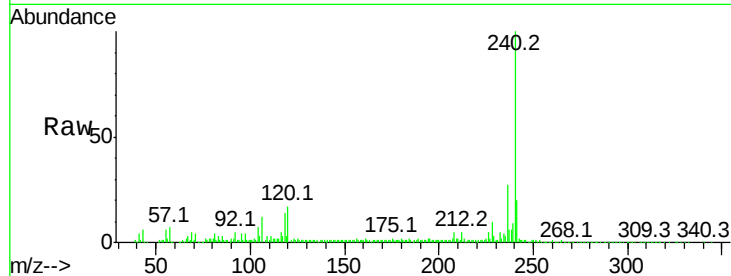
ClientSampleId :

TEC-B8COMP

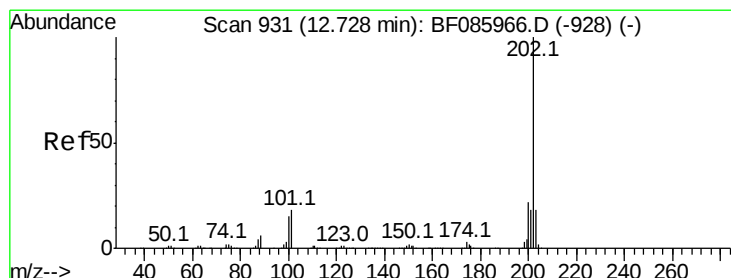
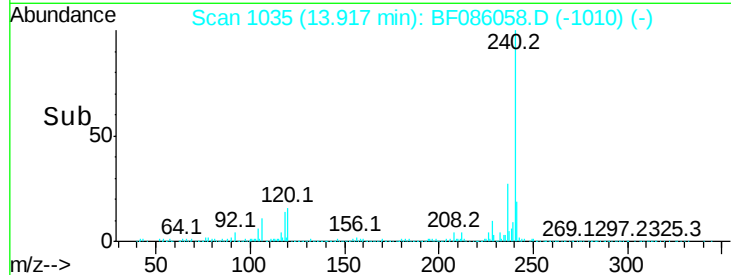
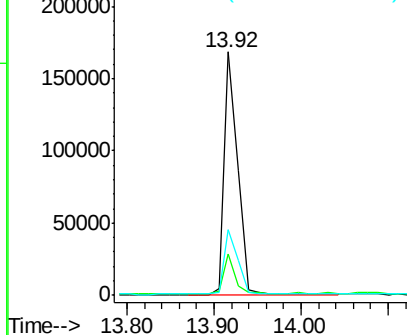
Tot Ion:	240	Resp:	181786
Ion Ratio	Lower	Upper	
240	100		
120	16.9	13.8	20.8
236	27.1	20.6	30.8

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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: 3.28 ng

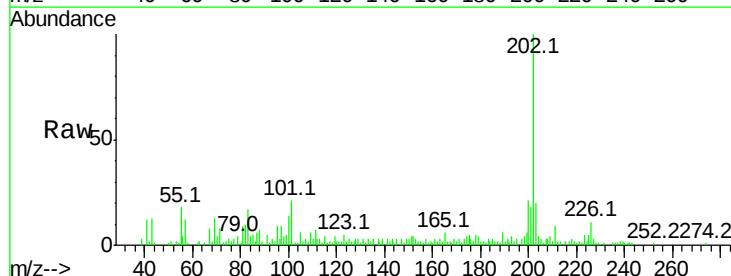
RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

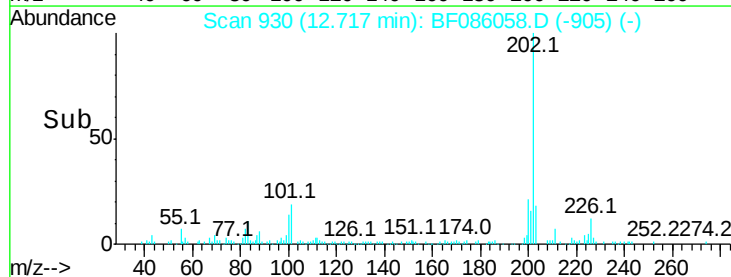
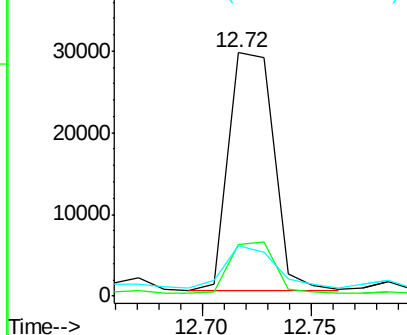
Lab File: BF086058.D

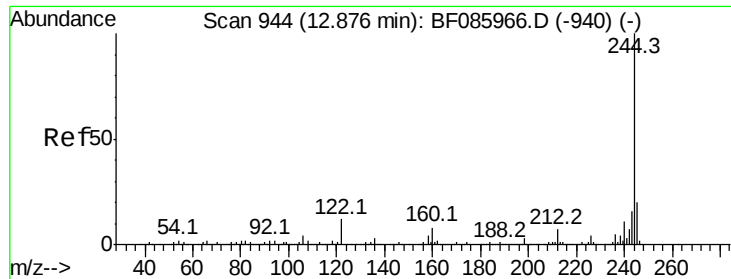
Acq: 5 Apr 2016 00:57

Tgt Ion:	202	Resp:	42072
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	20.5	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: 14.80 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

Instrument :

BNA_F

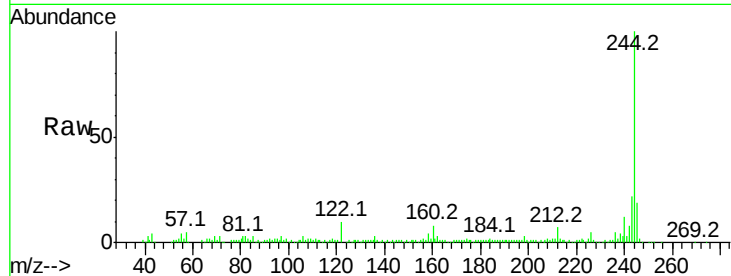
ClientSampleId :

TEC-B8COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.5	10.2	15.4

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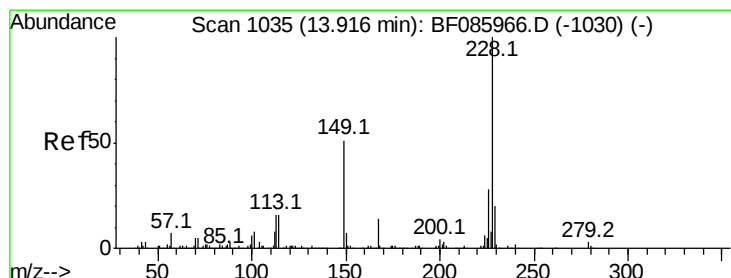
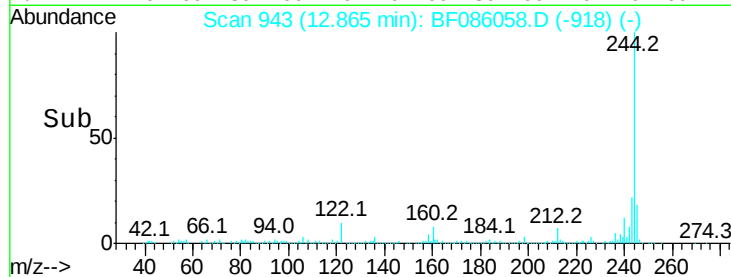
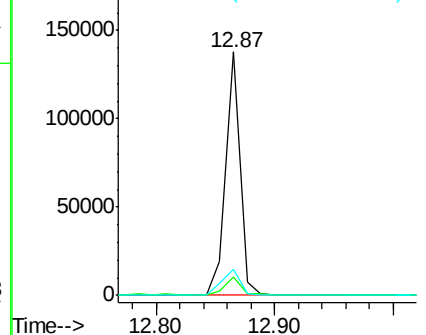
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.75 ng

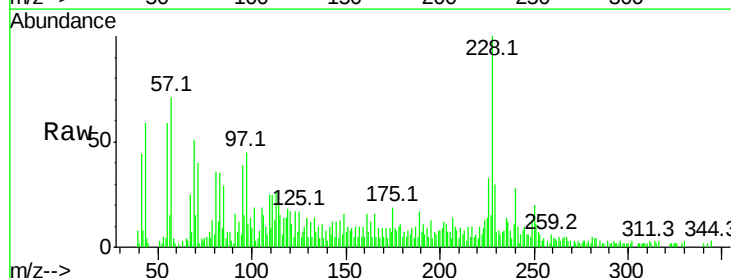
RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086058.D

Acq: 5 Apr 2016 00:57

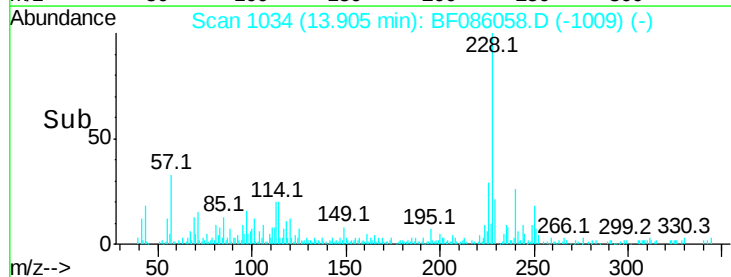
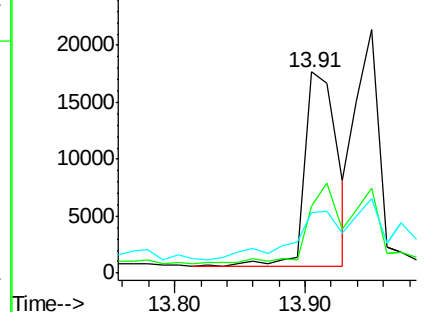
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.1	33.1#
229	30.2	16.2	24.4#

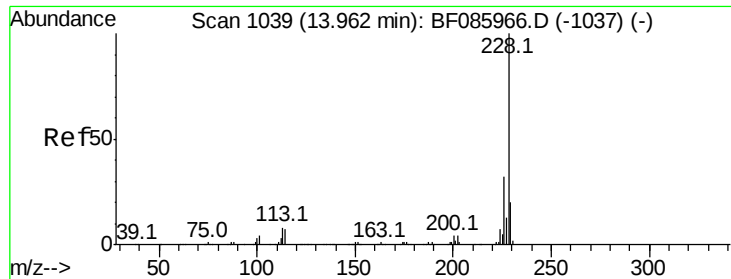


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





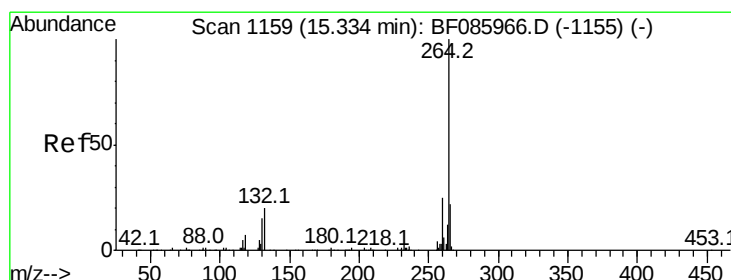
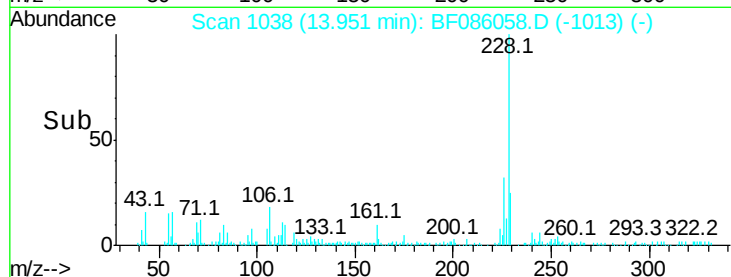
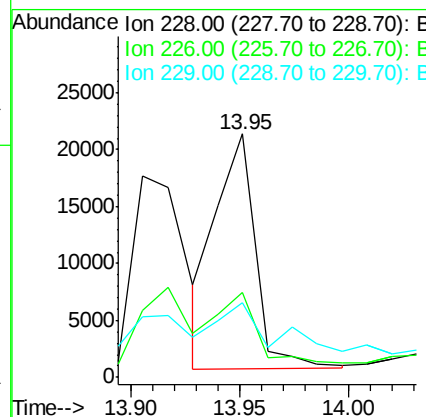
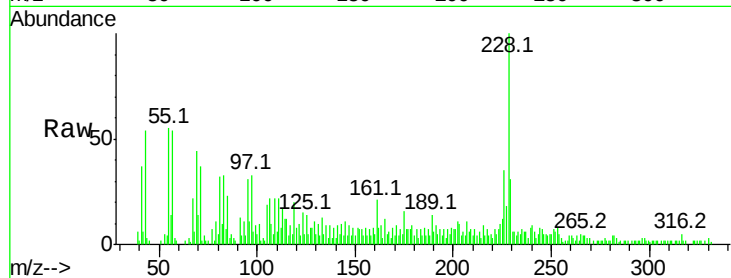
#82
Chrysene
Concen: 2.54 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.0	37.6
229	30.5	15.7	23.5

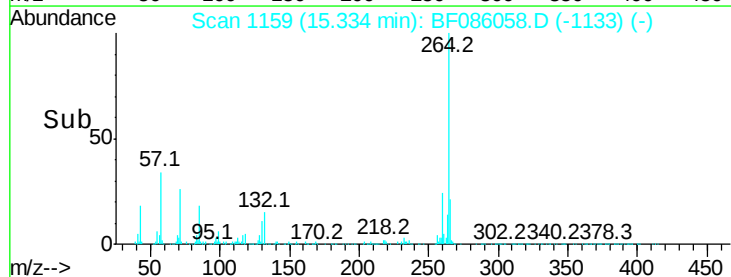
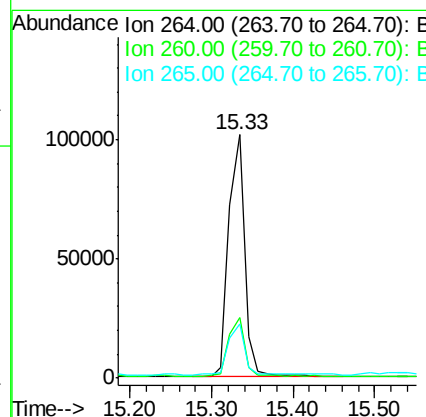
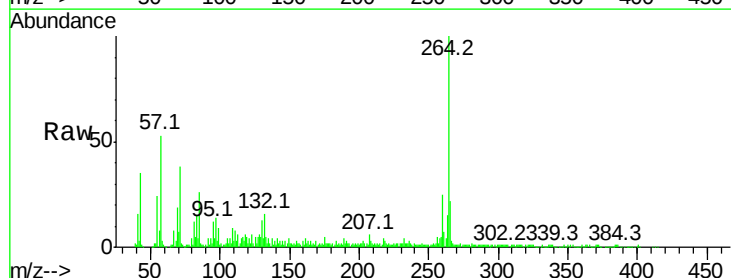
Manual Integrations
APPROVED

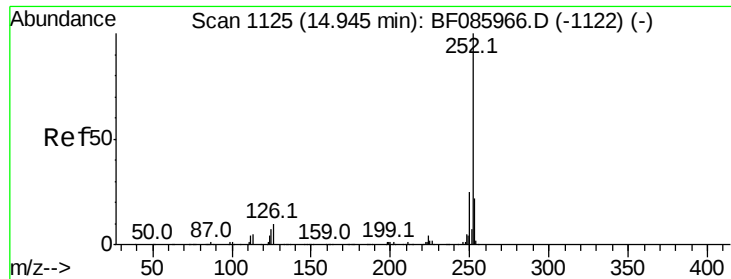
Sohil
4/5/2016 6:39:16 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.5	17.2	25.8





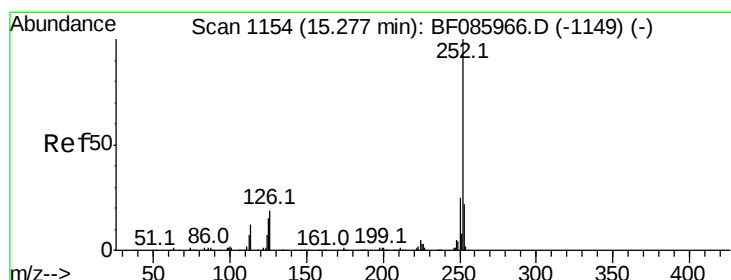
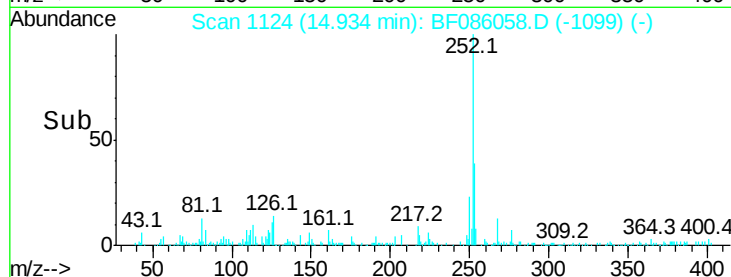
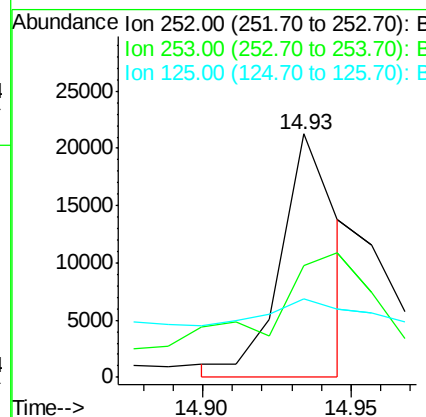
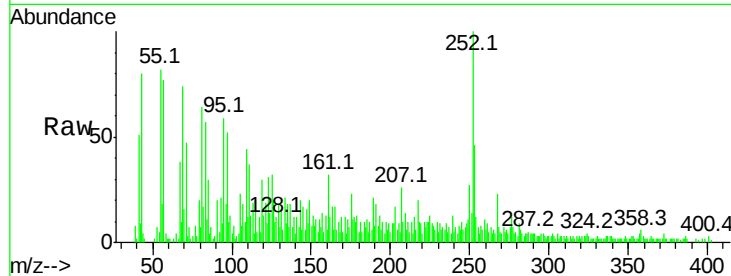
#87
Benzo(b)fluoranthene
Concen: 3.29 ng/ml
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.7	17.6	26.4#
125	32.4	10.3	15.5#

Manual Integrations
APPROVED

Sohil
4/5/2016 6:39:16 PM



#89
Benzo(a)pyrene
Concen: 2.46 ng/ml
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086058.D
Acq: 5 Apr 2016 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.4	26.0#
125	34.8	10.3	15.5#

