

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086116.D
 Acq On : 6 Apr 2016 23:53
 Operator : UM/SJ
 Sample : H2096-02 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B8COMP

Manual Integrations
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Quant Time: Apr 07 15:18:17 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	6.74	152	97883	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	364593	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	132447	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	231137	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	221052	20.00	ng	-0.02
86) Perylene-d12	15.31	264	150842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	138444	24.18	ng	-0.03
7) Phenol-d6	6.40	99	166679	22.92	ng	-0.02
23) Nitrobenzene-d5	7.31	82	101200	16.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	19143	15.40	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	162337	20.38	ng	-0.03
78) Terphenyl-d14	12.84	244	116078	12.34	ng	-0.03
Target Compounds						
74) Fluoranthene	12.48	202	40117	3.06	ng	Qvalue 93
77) Pyrene	12.71	202	45474	2.92	ng	98
80) Benzo(a)anthracene	13.89	228	34448	2.64	ng	# 83
82) Chrysene	13.93	228	36695m	2.92	ng	
87) Benzo(b)fluoranthene	14.91	252	31631m	3.33	ng	

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

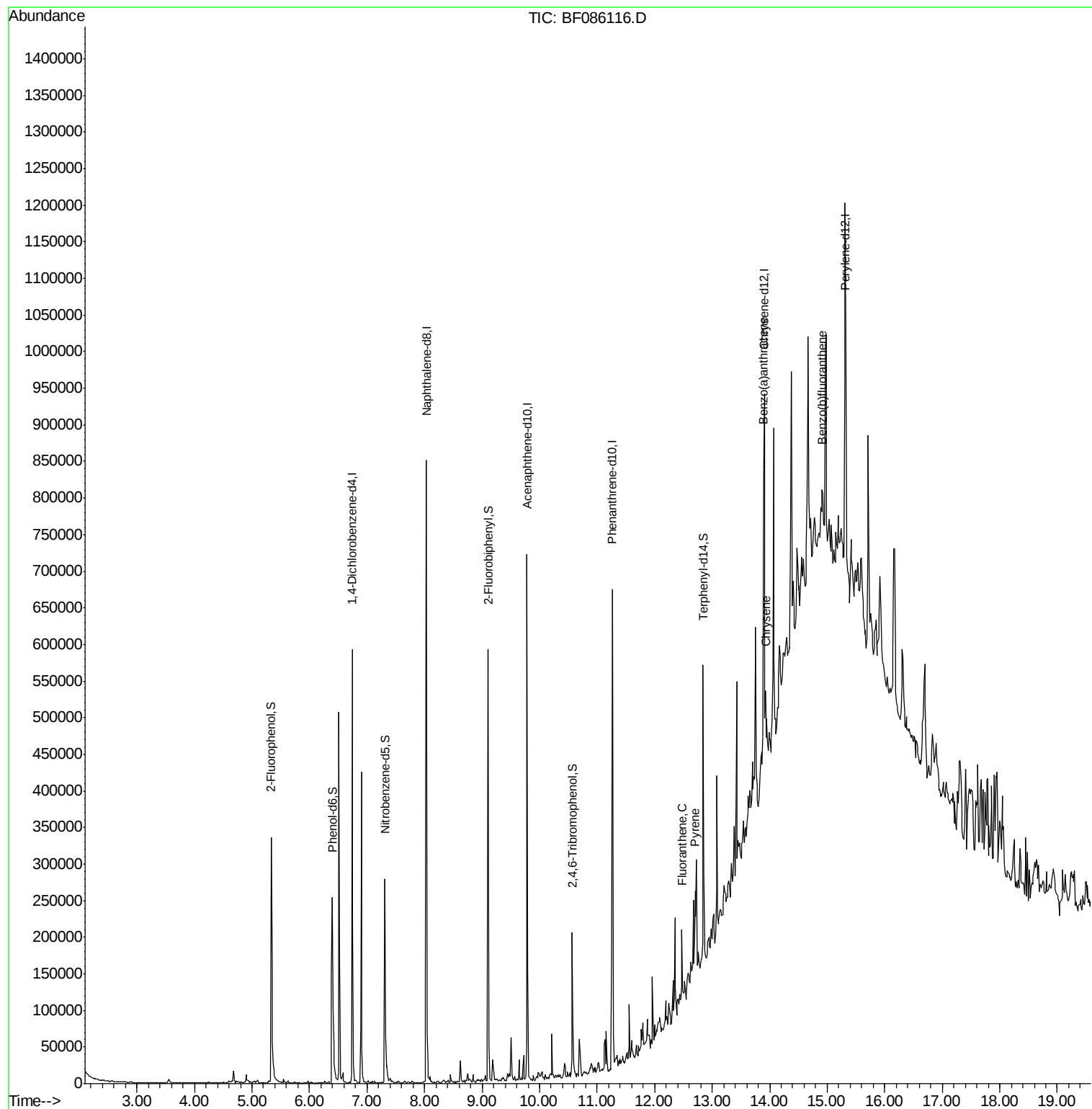
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086116.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

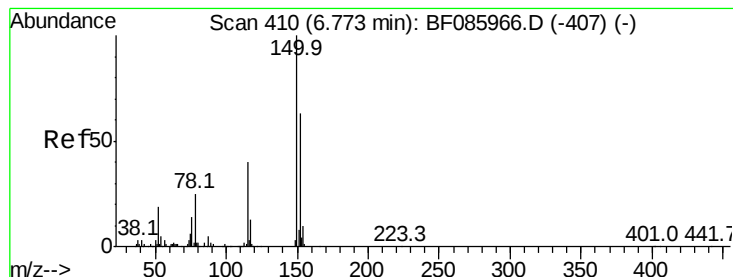
Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

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Quant Time: Apr 07 15:18:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Instrument :

BNA_F

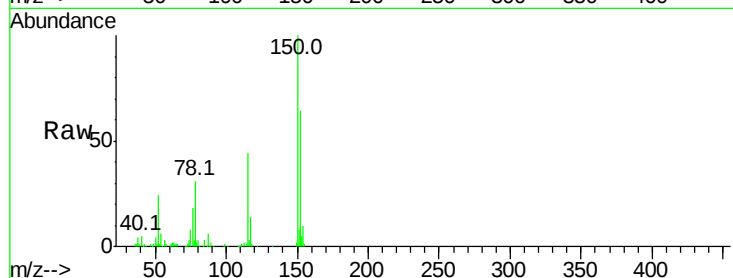
ClientSampleId :

TEC-B8COMP

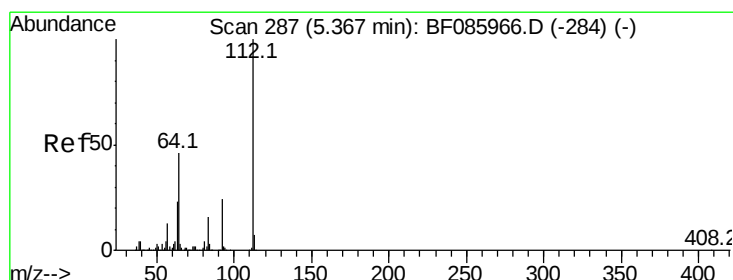
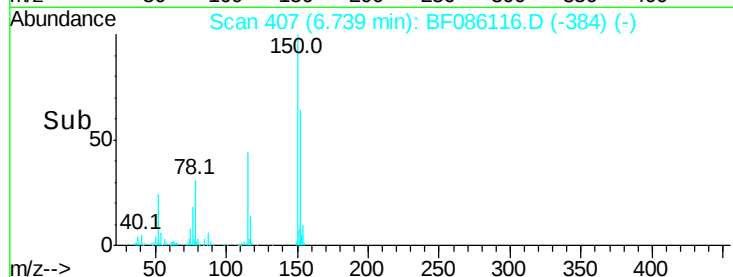
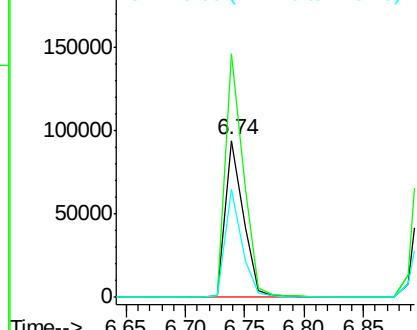
Tot Ion:	152	Resp:	97883
Ion Ratio	Lower	Upper	
152	100		
150	155.3	124.2	186.2
115	69.0	47.0	70.6

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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: 24.18 ng

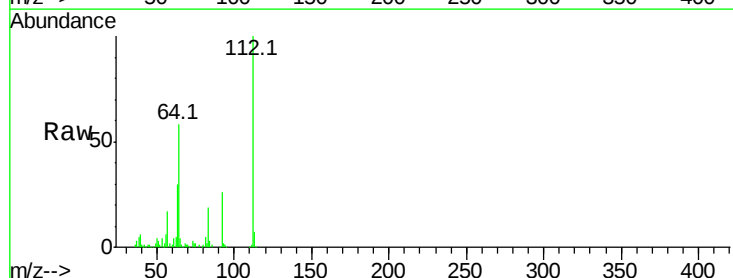
RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

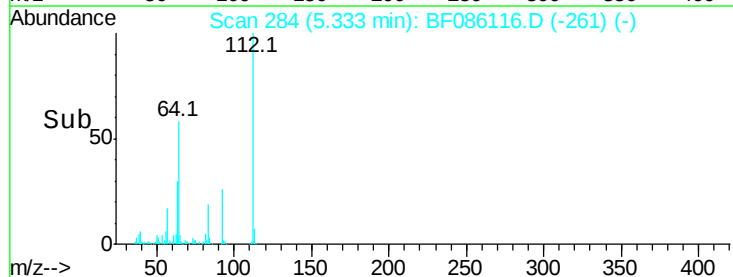
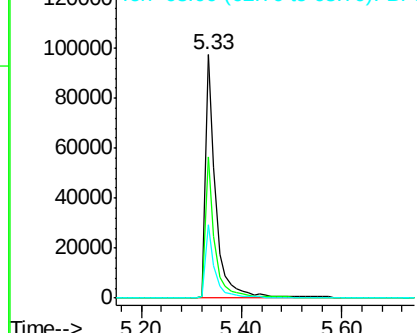
Lab File: BF086116.D

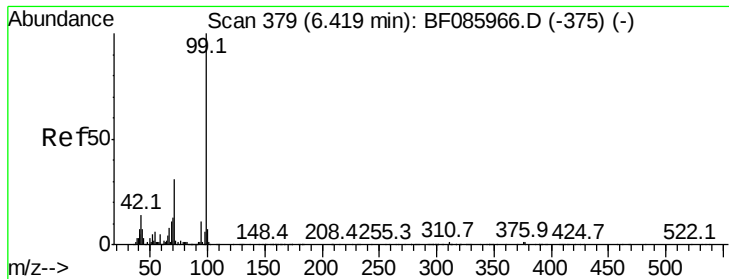
Acq: 6 Apr 2016 23:53

Tgt Ion:	112	Resp:	138444
Ion Ratio	Lower	Upper	
112	100		
64	57.9	39.9	59.9
63	30.1	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: 22.92 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Instrument :

BNA_F

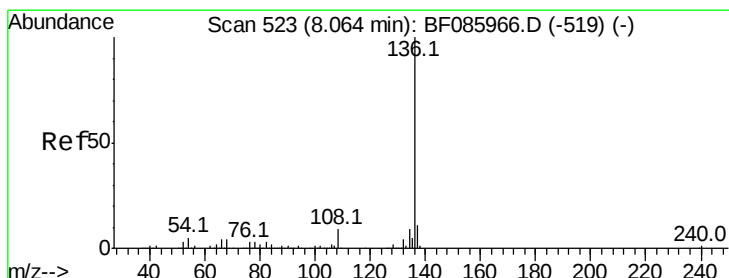
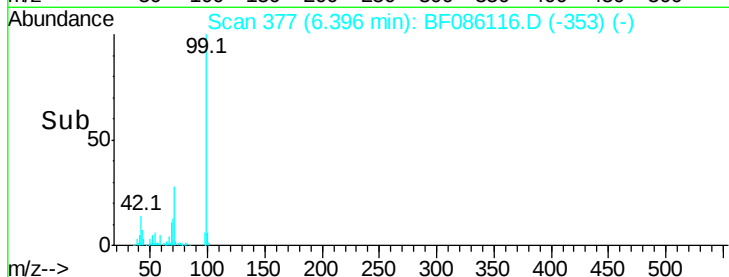
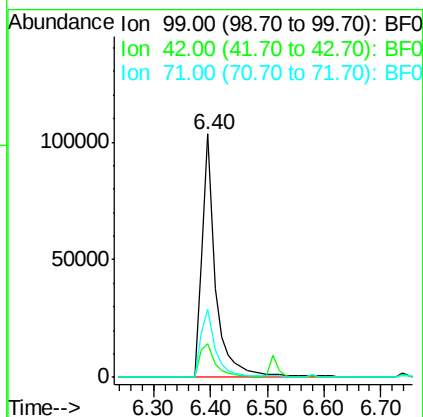
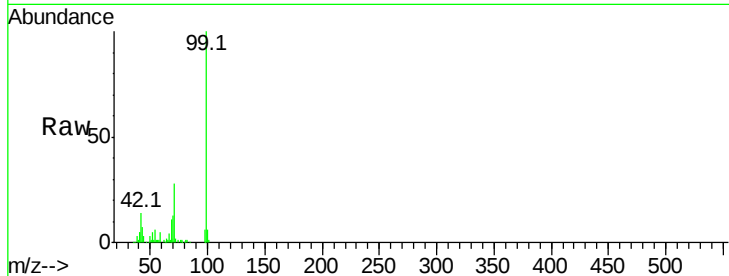
ClientSampled :

TEC-B8COMP

Tot Ion:	99	Resp:	166679
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.1	16.7
71	27.9	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

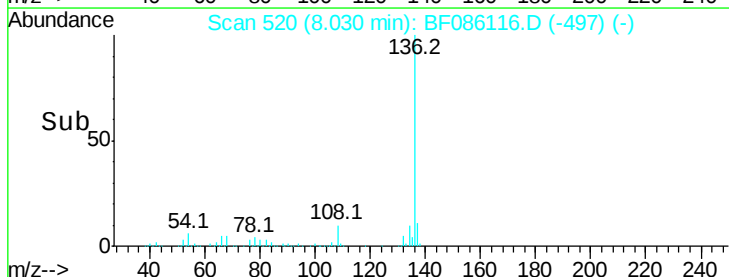
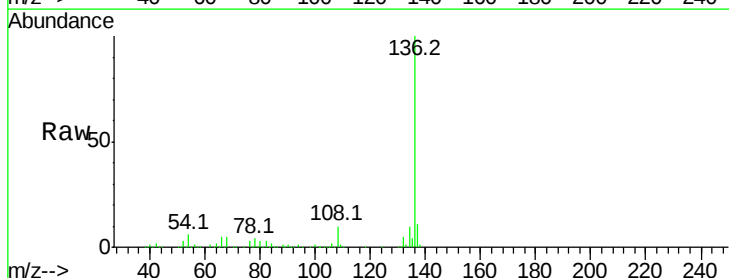
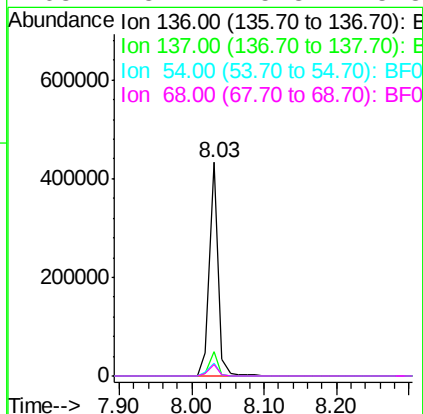
RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Tgt Ion:	136	Resp:	364593
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.2	7.4	11.0#
68	5.4	5.8	8.8#





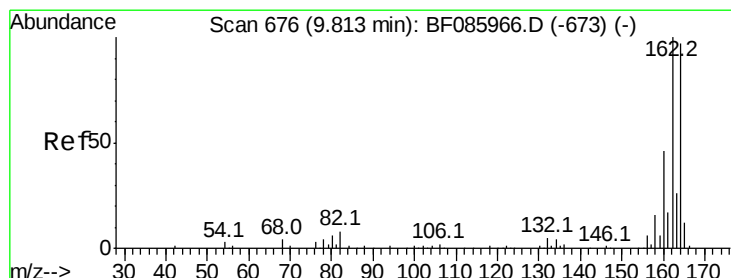
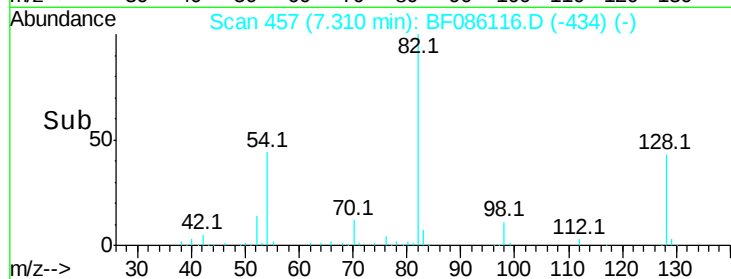
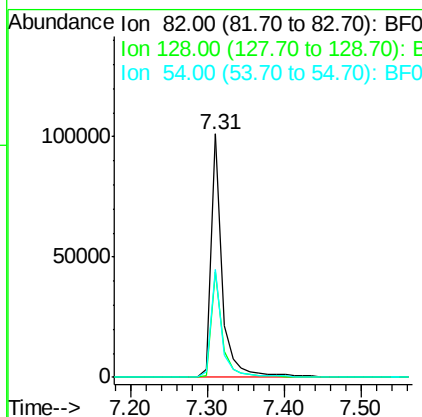
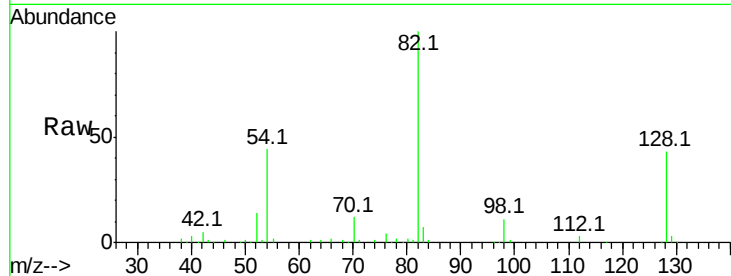
#23
 Nitrobenzene-d5
 Concen: 16.37 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086116.D
 Acq: 6 Apr 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B8COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	41.8	62.8
54	44.3	33.4	50.0

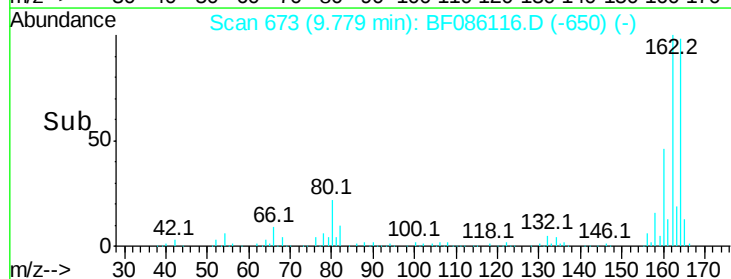
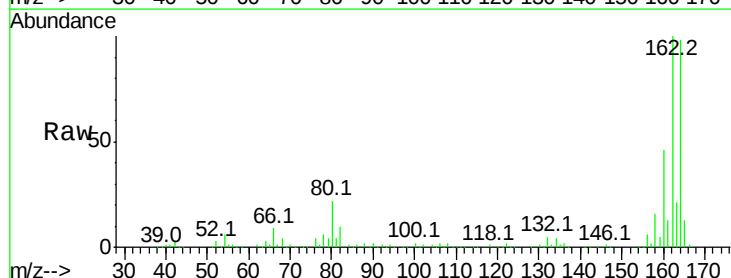
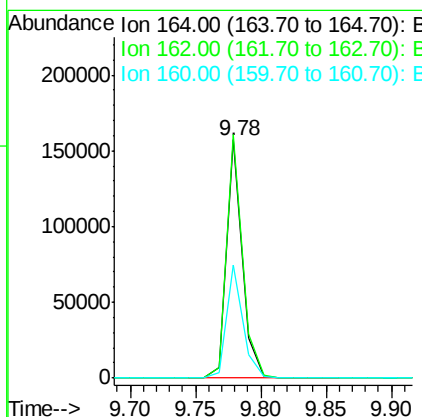
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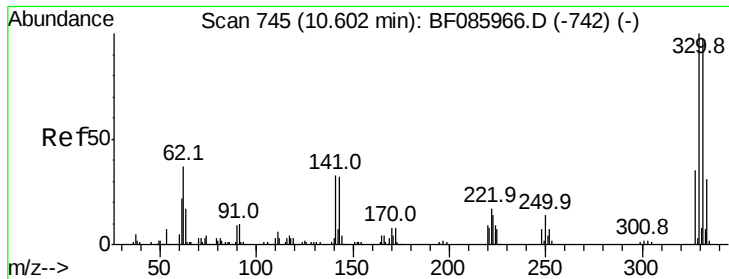
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086116.D
 Acq: 6 Apr 2016 23:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	47.4	37.4	56.2





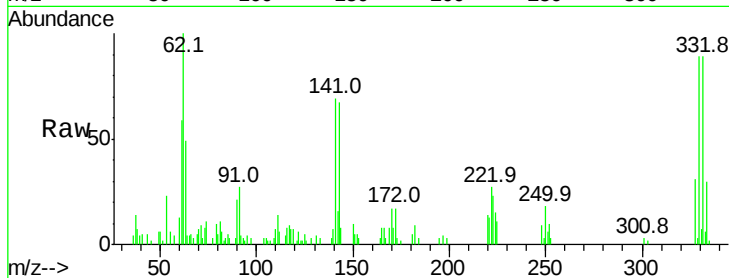
#41
 2,4,6-Tribromophenol
 Concen: 15.40 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086116.D
 Acq: 6 Apr 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B8COMP

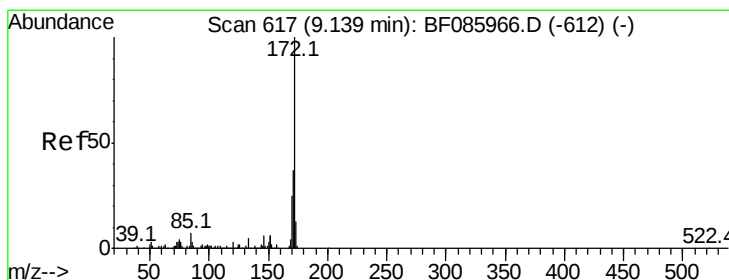
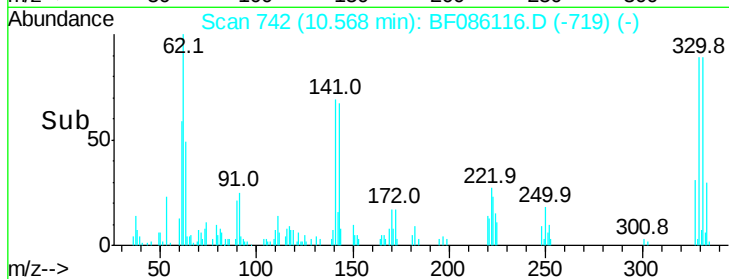
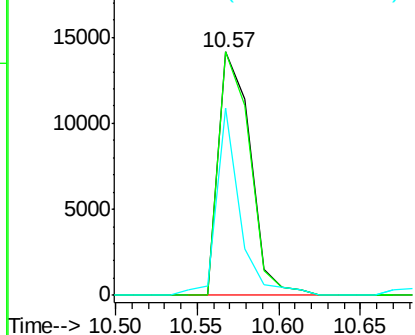
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	56.7	31.5	47.3

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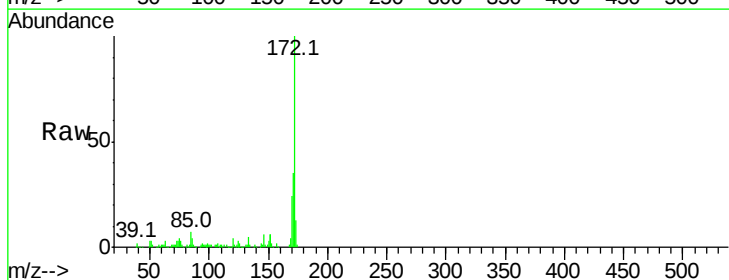


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

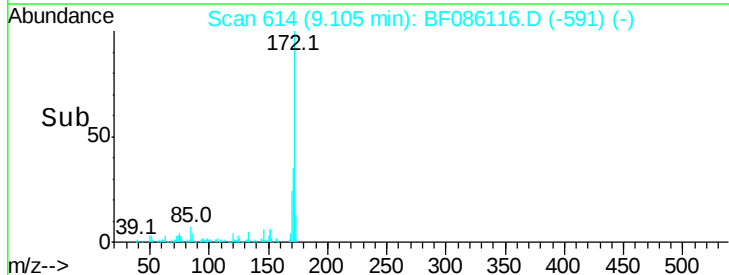
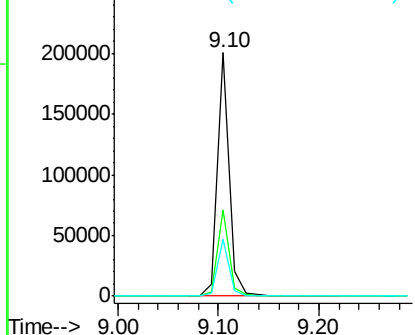


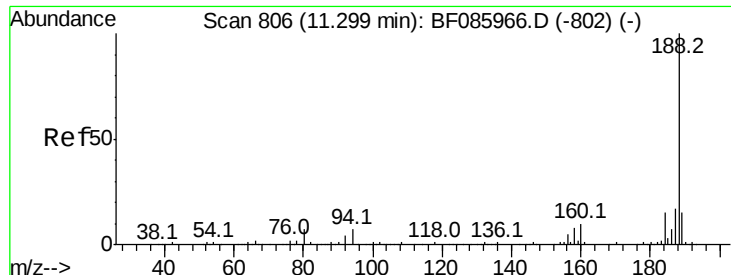
#44
 2-Fluorobiphenyl
 Concen: 20.38 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086116.D
 Acq: 6 Apr 2016 23:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.2
170	23.5	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





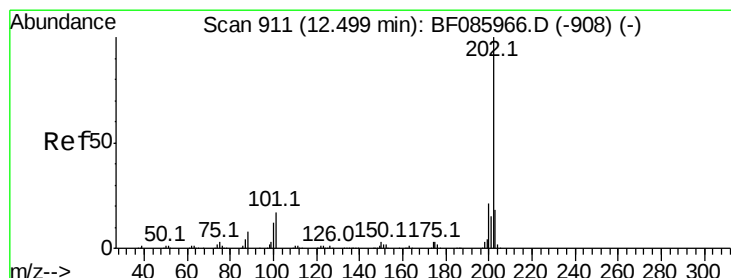
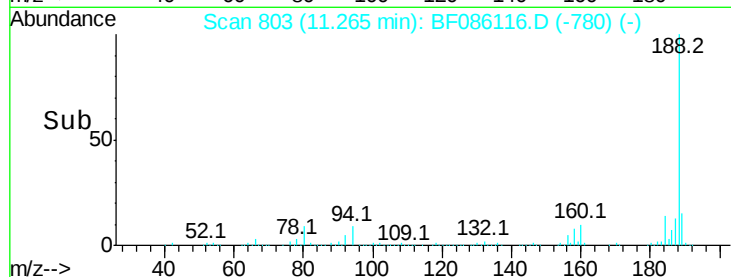
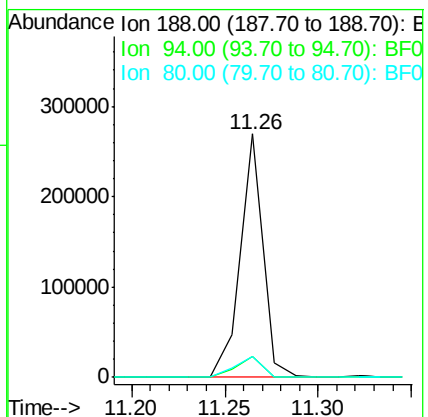
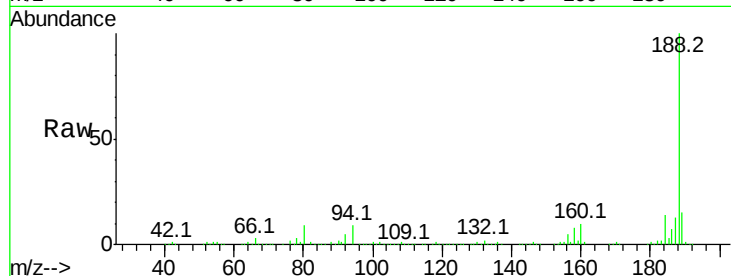
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.6	5.5	8.3#

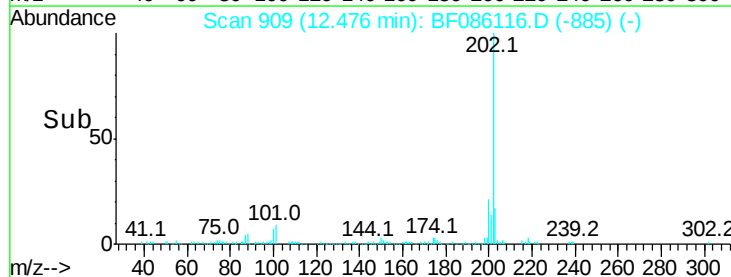
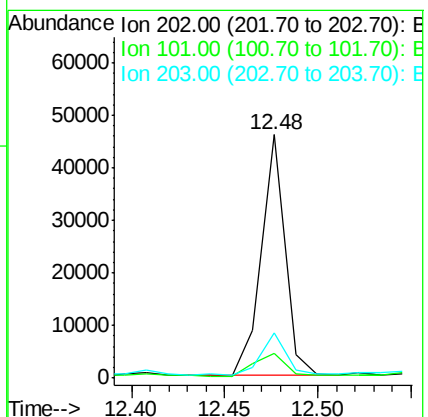
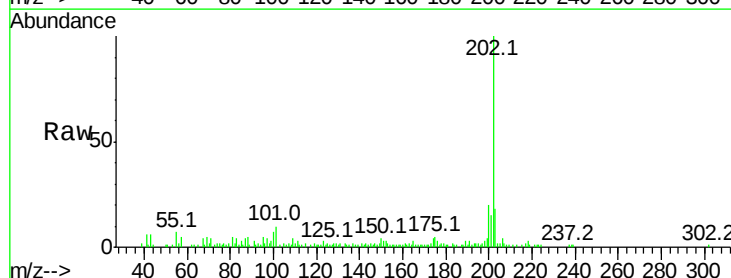
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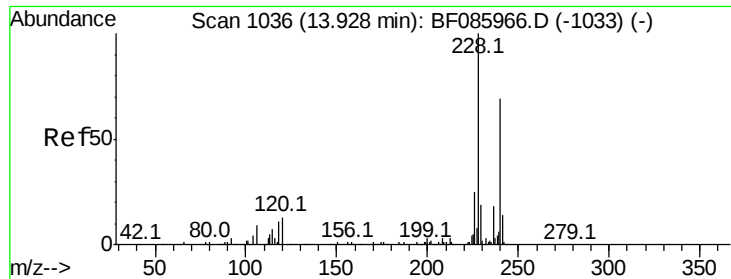
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#74
Fluoranthene
Concen: 3.06 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	36.6
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Instrument :

BNA_F

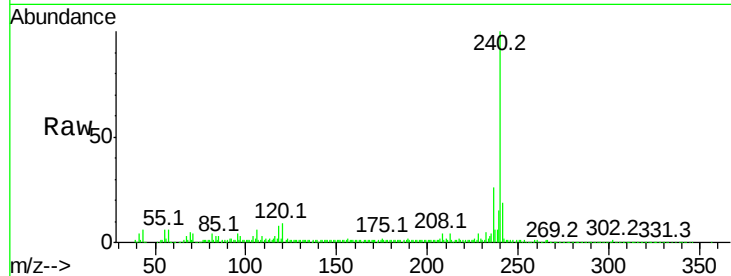
ClientSampleId :

TEC-B8COMP

Tot Ion:	240	Resp:	221052
Ion Ratio	Lower	Upper	
240	100		
120	9.0	13.8	20.8#
236	26.2	20.6	30.8

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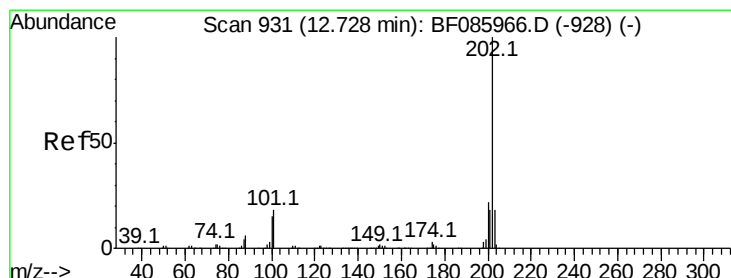
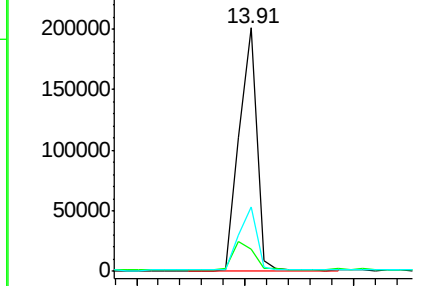
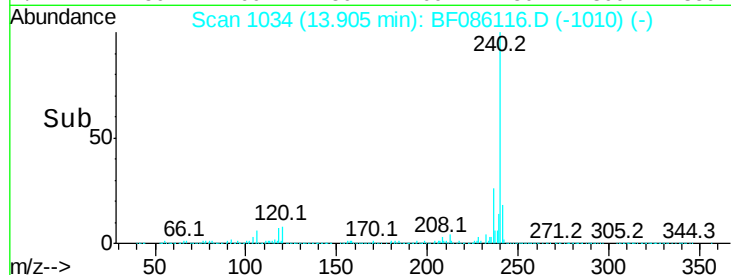
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.92 ng

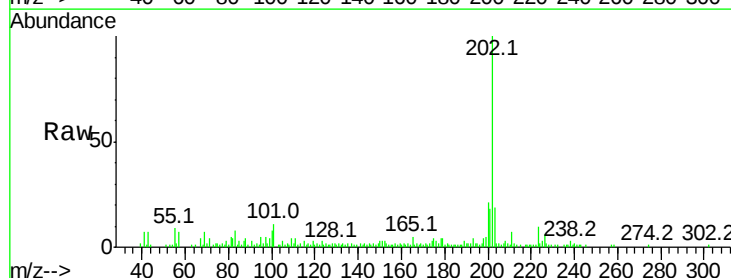
RT: 12.71 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

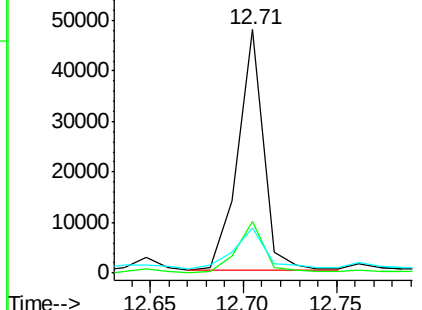
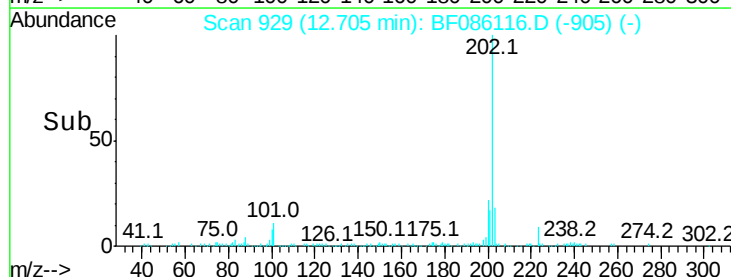
Tgt Ion:	202	Resp:	45474
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	18.6	14.0	21.0

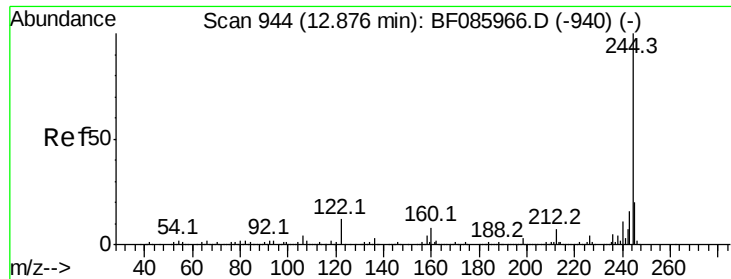


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.34 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Instrument :

BNA_F

ClientSampleId :

TEC-B8COMP

Tot Ion:244 Resp: 116078

Ion Ratio Lower Upper

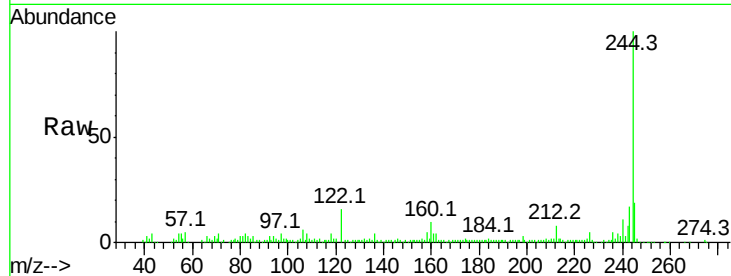
244 100

212 8.1 6.1 9.1

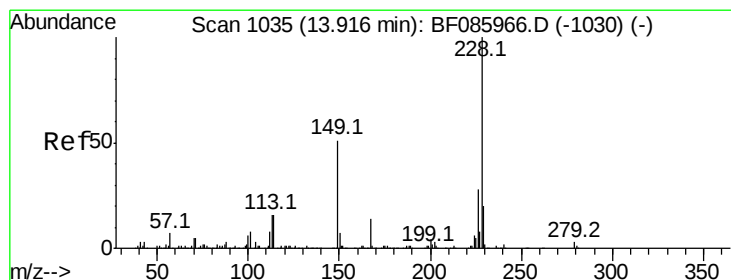
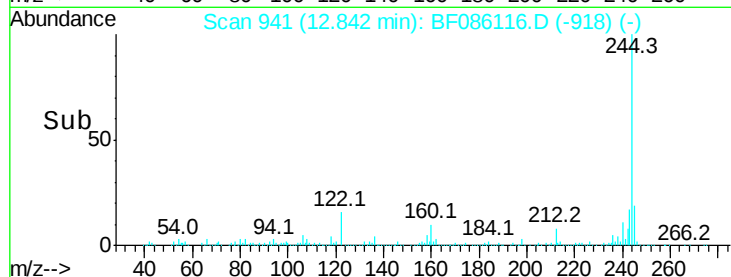
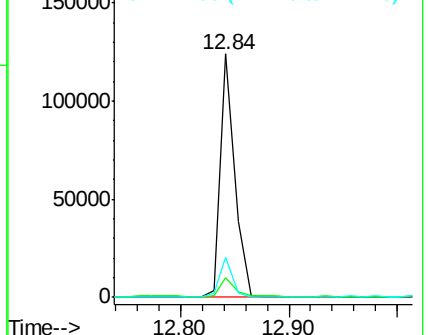
122 16.3 10.2 15.4#

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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: 2.64 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

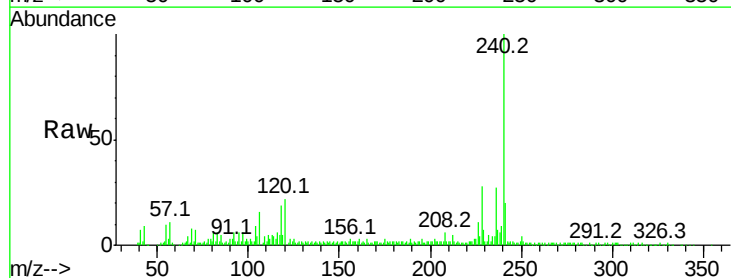
Tgt Ion:228 Resp: 34448

Ion Ratio Lower Upper

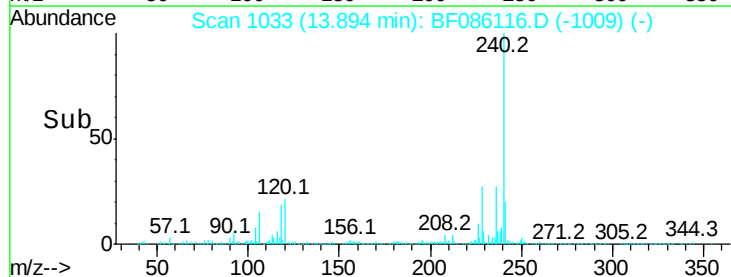
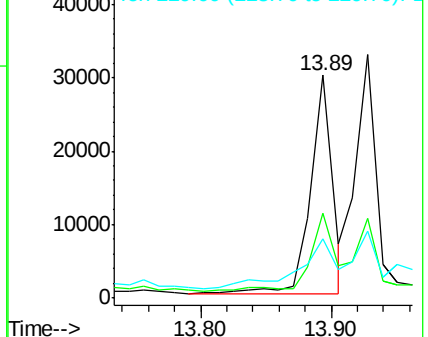
228 100

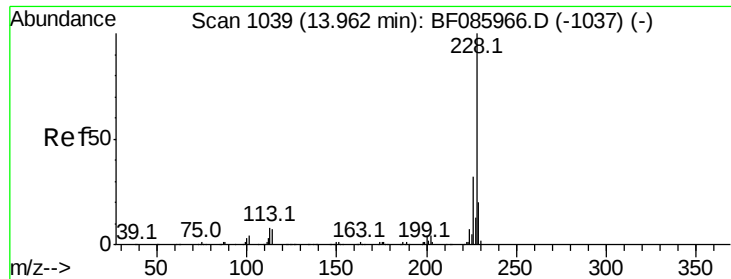
226 38.1 22.1 33.1#

229 26.4 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





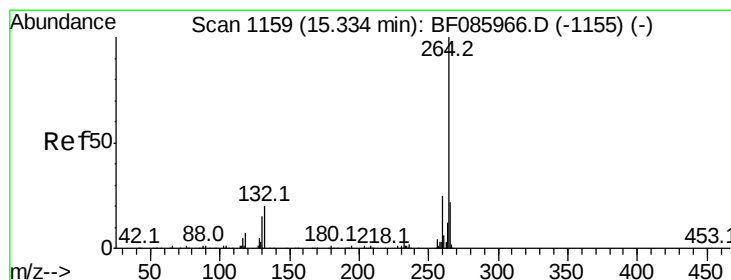
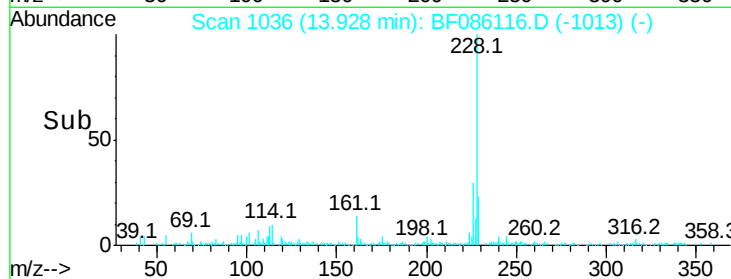
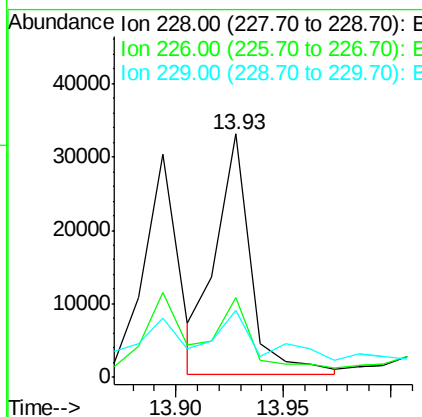
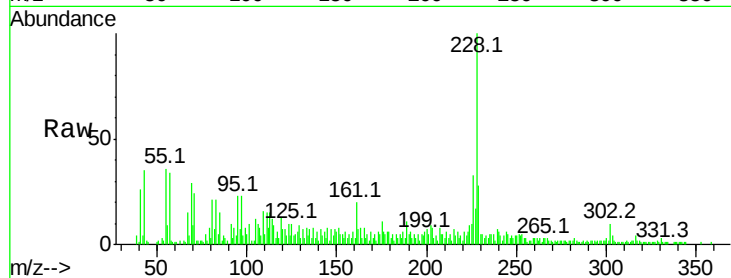
#82
Chrysene
Concen: 2.92 ng/ml
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tot Ion:	228	Resp:	36695
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.0	37.6
229	27.7	15.7	23.5

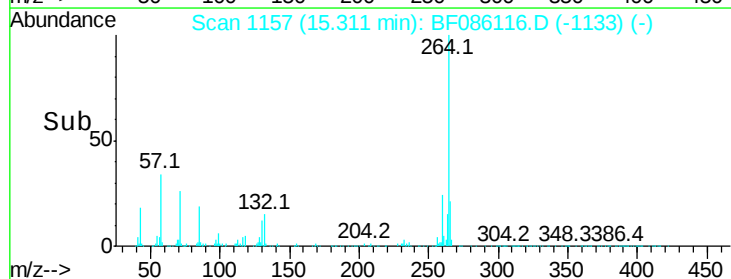
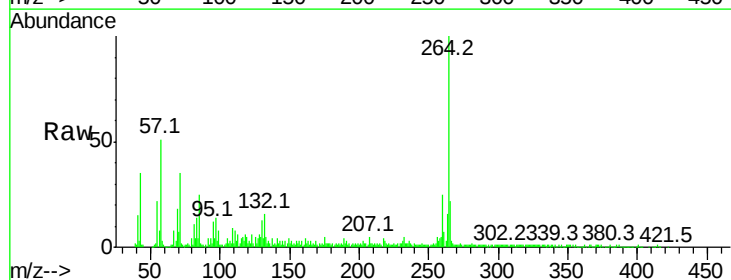
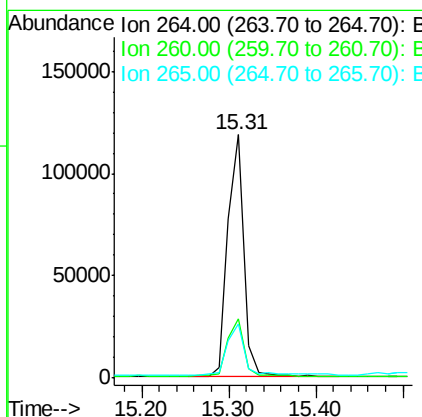
Manual Integrations
APPROVED

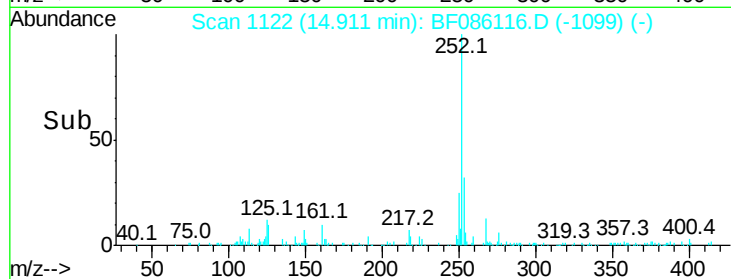
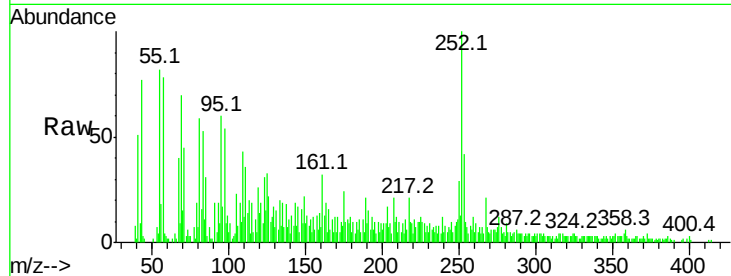
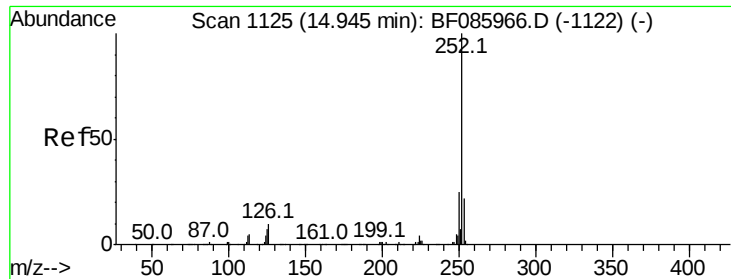
Sohil
4/7/2016 5:59:06 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:	264	Resp:	150842
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.33 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086116.D

Acq: 6 Apr 2016 23:53

Instrument :

BNA_F

ClientSampleId :

TEC-B8COMP

Tot Ion:252 Resp: 31631

Ion Ratio Lower Upper

252 100

253 41.6 17.6 26.4#

125 33.3 10.3 15.5#

Manual Integrations
APPROVED

Sohil
4/7/2016 5:59:06 PM

