

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085344.D
 Acq On : 10 Mar 2016 20:28
 Operator : UM/SJ
 Sample : H1753-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP5

Manual Integrations
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Sohil
 3/11/2016 4:58:38 PM

Quant Time: Mar 11 10:09:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 00:01:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	143549	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	520755	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	196381	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	313162	20.00	ng	0.00
75) Chrysene-d12	14.11	240	241348	20.00	ng	0.00
86) Perylene-d12	15.57	264	253392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	988342	115.49	ng	0.01
7) Phenol-d6	6.56	99	1076855	96.04	ng	0.00
23) Nitrobenzene-d5	7.50	82	645667	66.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	189371	112.70	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1118020	86.58	ng	0.00
78) Terphenyl-d14	13.05	244	741475	71.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	144093	9.56	ng	99
70) Phenanthrene	11.49	178	151261	9.22	ng	97
71) Anthracene	11.53	178	42152	2.42	ng	96
74) Fluoranthene	12.68	202	225884	13.71	ng	97
77) Pyrene	12.90	202	227890	12.55	ng	97
80) Benzo(a)anthracene	14.09	228	114840m	7.95	ng	
82) Chrysene	14.13	228	101793m	7.63	ng	
85) Indeno(1,2,3-cd)pyrene	17.02	276	55098	5.29	ng	# 88
87) Benzo(b)fluoranthene	15.15	252	138770m	8.22	ng	
88) Benzo(k)fluoranthene	15.17	252	44108m	3.24	ng	
89) Benzo(a)pyrene	15.50	252	100042	7.15	ng	# 90
91) Benzo(g,h,i)perylene	17.47	276	51575	4.29	ng	97

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

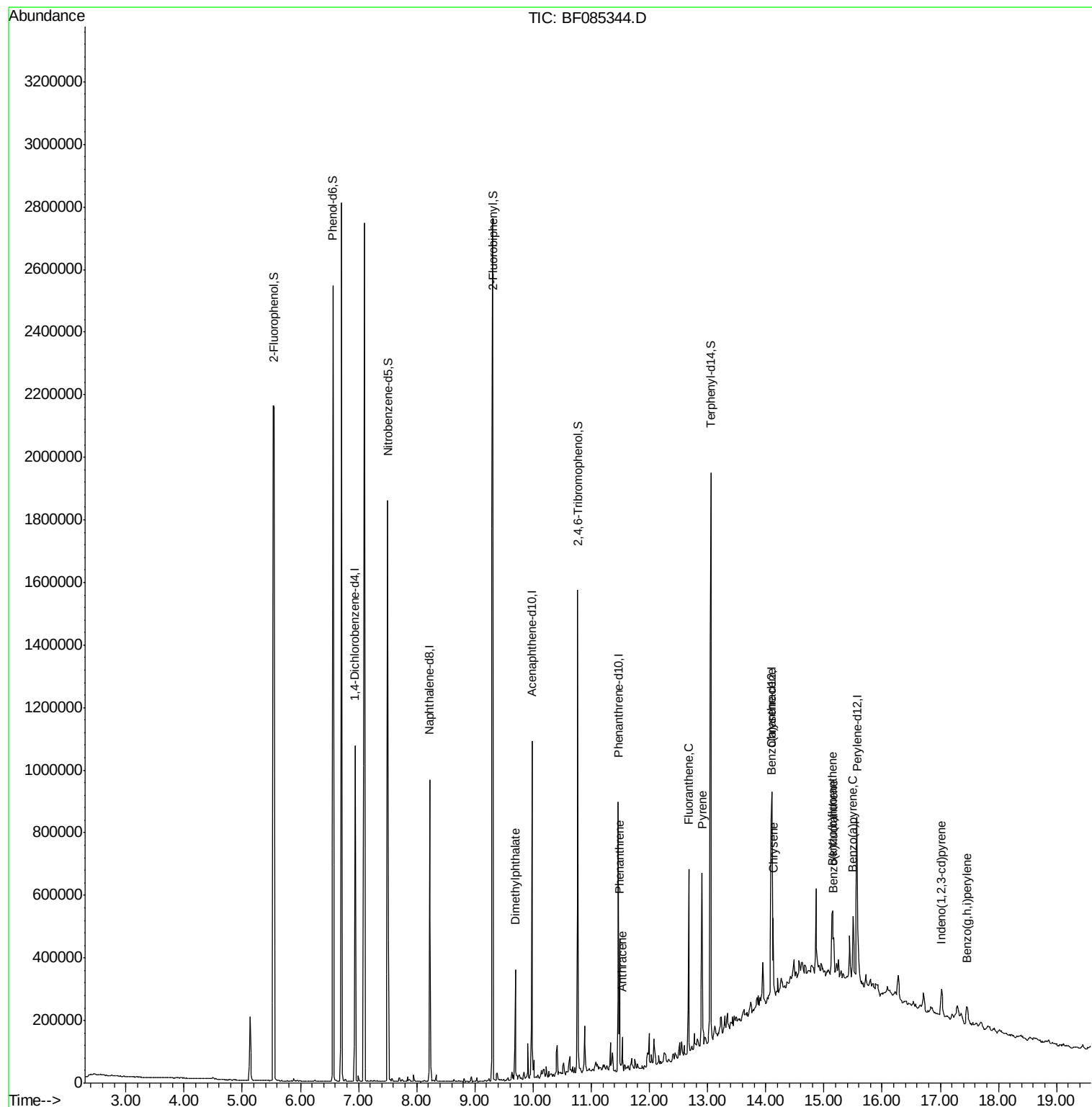
Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085344.D
Acq On : 10 Mar 2016 20:28
Operator : UM/SJ
Sample : H1753-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

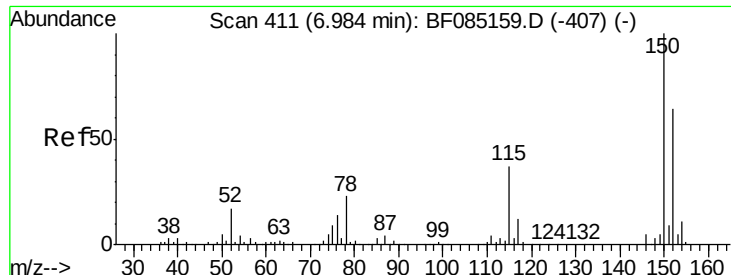
Instrument :
BNA_F
ClientSampleId :
TEC-COMP5

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Quant Time: Mar 11 10:09:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

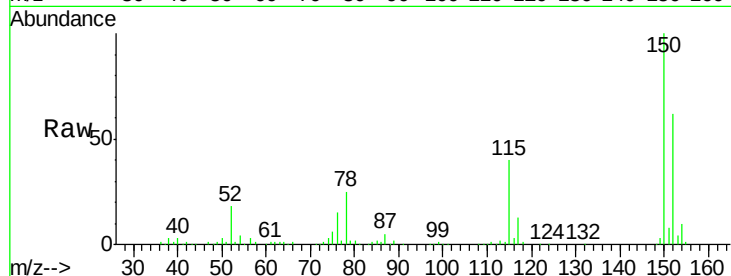
ClientSampleId :

TEC-COMP5

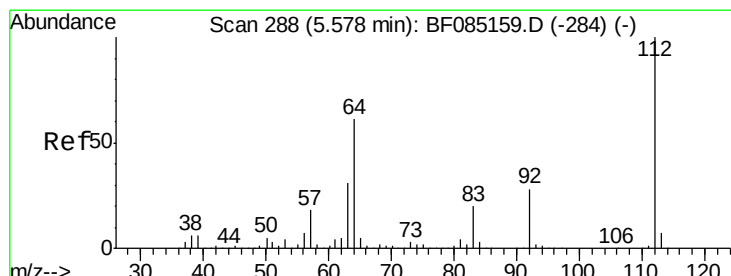
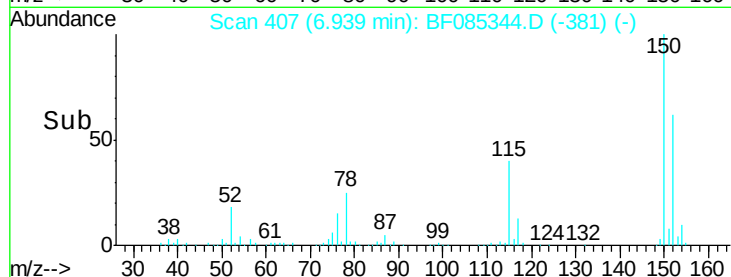
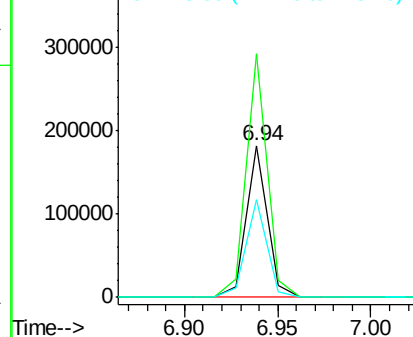
Tgt Ion:	152	Resp:	143549
Ion Ratio	Lower	Upper	
152	100		
150	160.7	124.6	186.8
115	64.3	46.6	70.0

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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: 115.49 ng

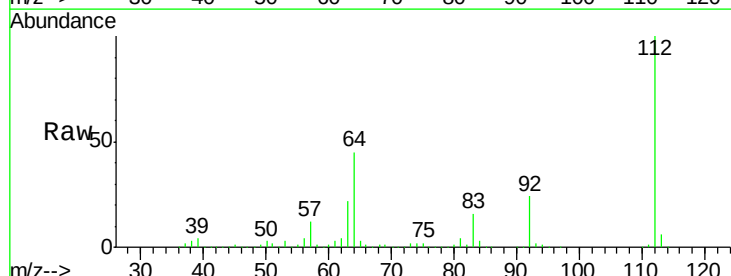
RT: 5.54 min Scan# 285

Delta R.T. 0.01 min

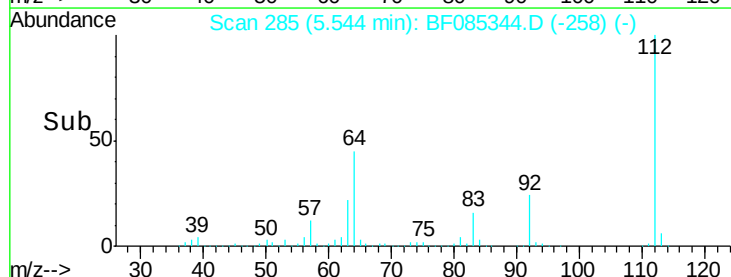
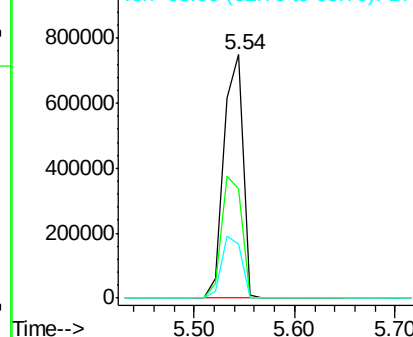
Lab File: BF085344.D

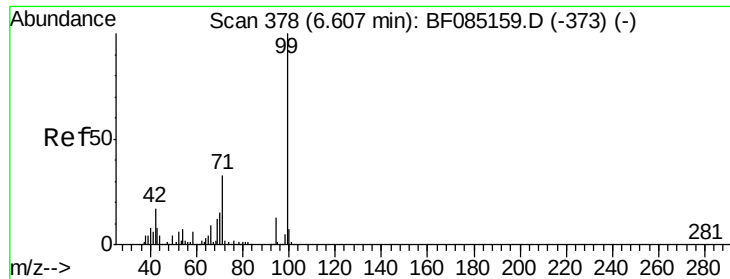
Acq: 10 Mar 2016 20:28

Tgt Ion:	112	Resp:	988342
Ion Ratio	Lower	Upper	
112	100		
64	44.8	49.0	73.4#
63	22.2	24.8	37.2#



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: 96.04 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085344.D

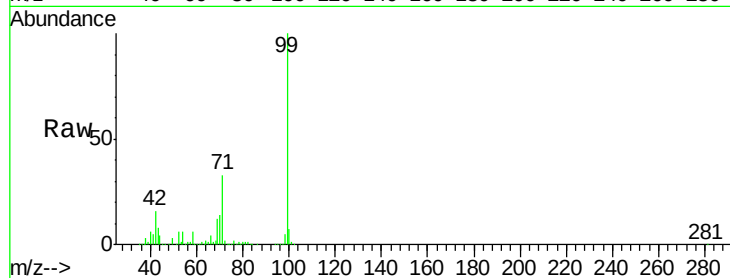
Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP5



Tgt Ion: 99 Resp: 1076855

Ion Ratio Lower Upper

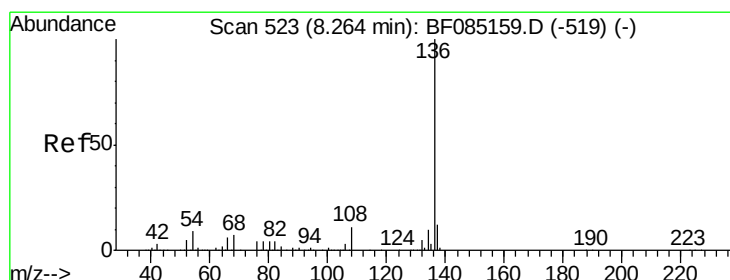
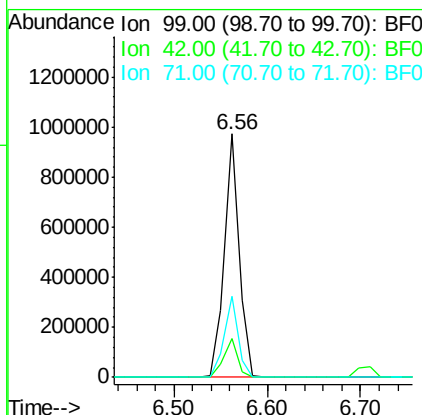
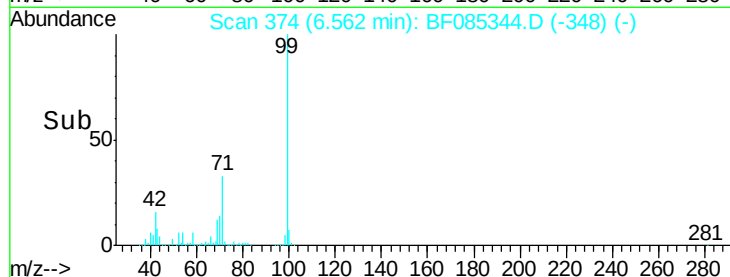
99 100

42 15.8 13.6 20.4

71 33.2 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Tgt Ion: 136 Resp: 520755

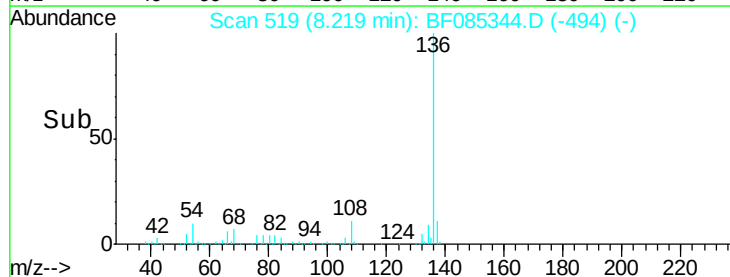
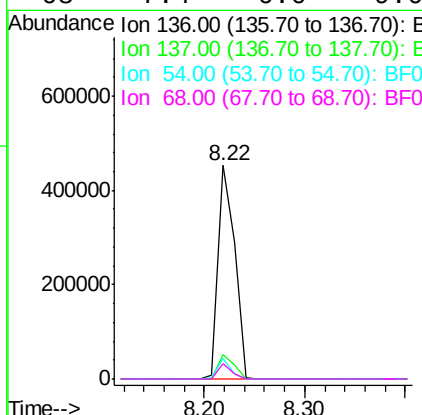
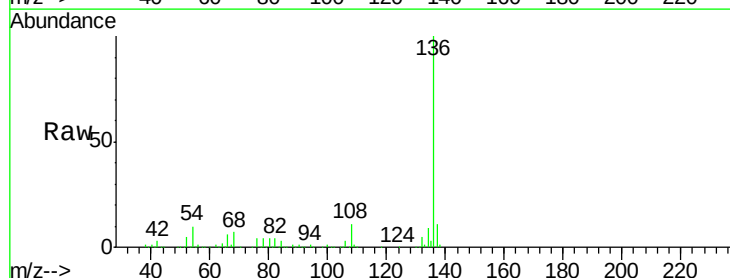
Ion Ratio Lower Upper

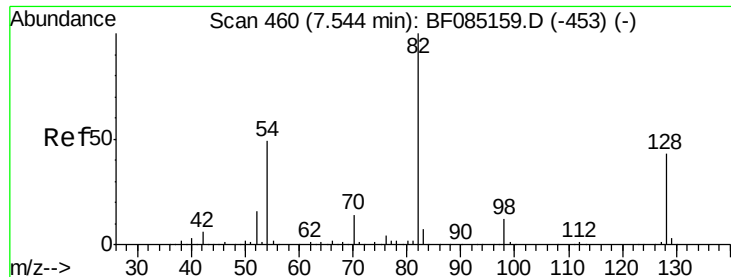
136 100

137 11.4 9.3 13.9

54 9.6 7.4 11.2

68 7.4 6.0 9.0





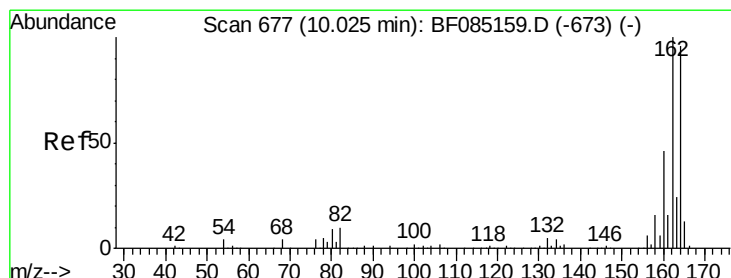
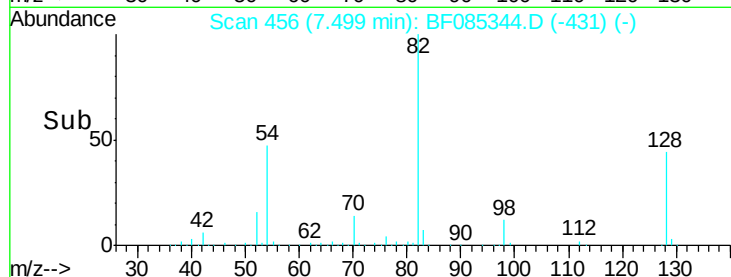
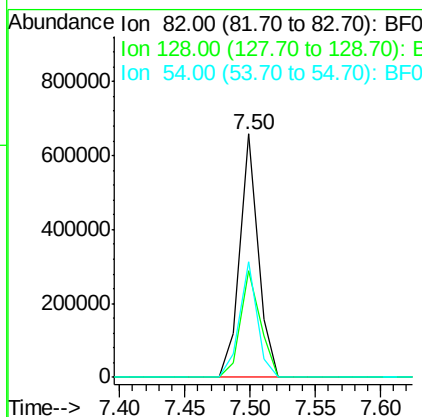
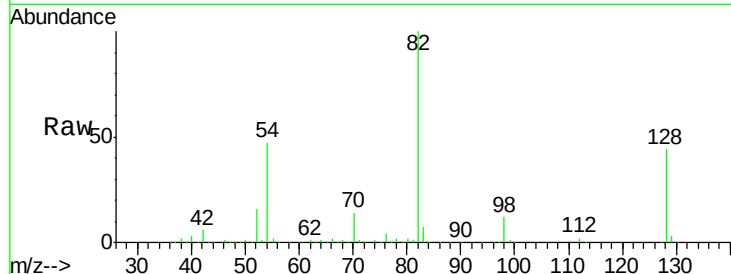
#23
 Nitrobenzene-d5
 Concen: 66.35 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	645667		
128	43.6	34.5	51.7	
54	47.3	39.3	58.9	

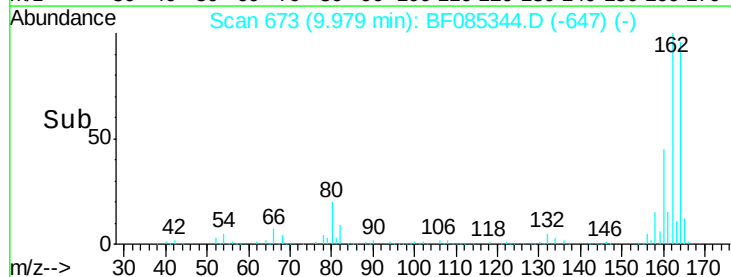
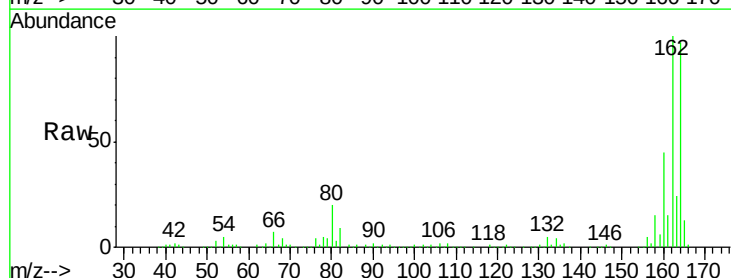
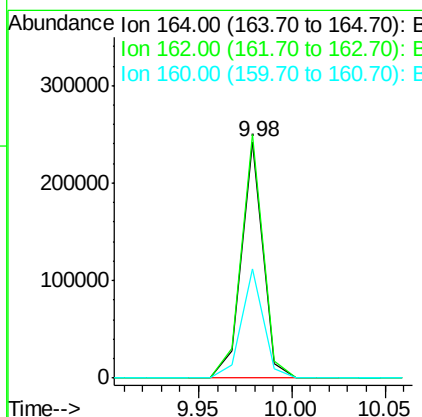
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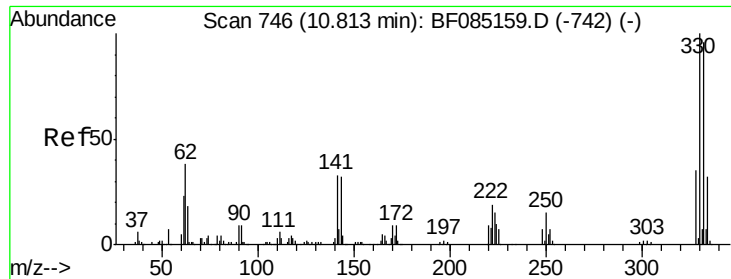
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196381		
162	103.0	83.3	124.9	
160	45.9	37.9	56.9	





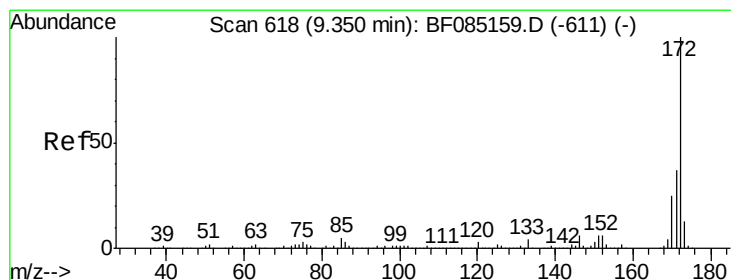
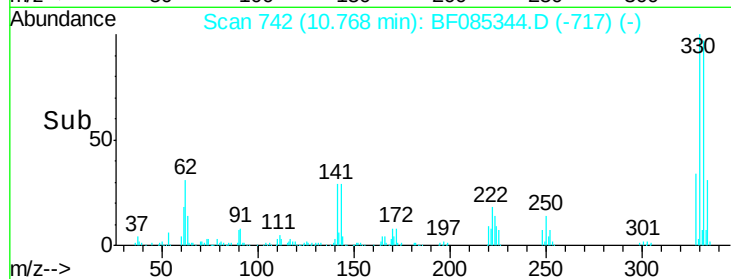
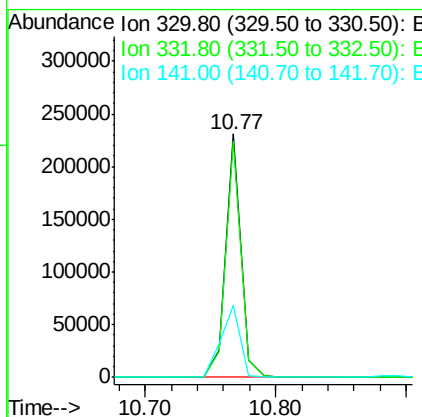
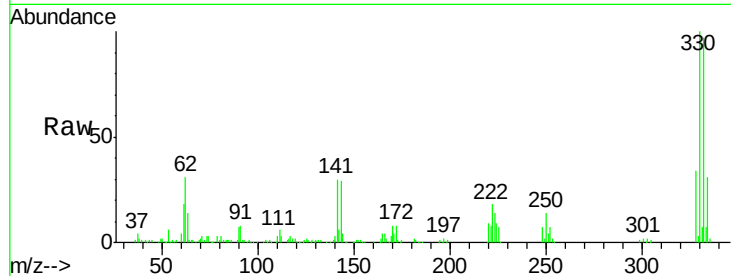
#41
 2,4,6-Tribromophenol
 Concen: 112.70 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189371		
332	96.8	77.1	115.7	
141	38.3	35.0	52.6	

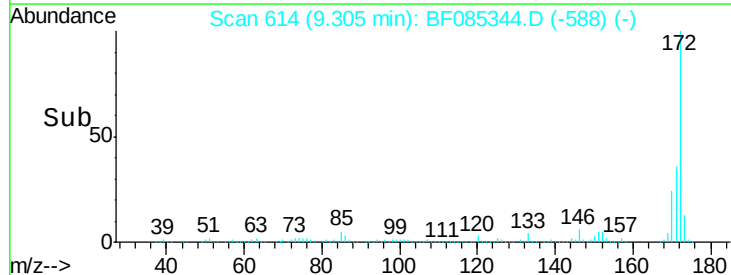
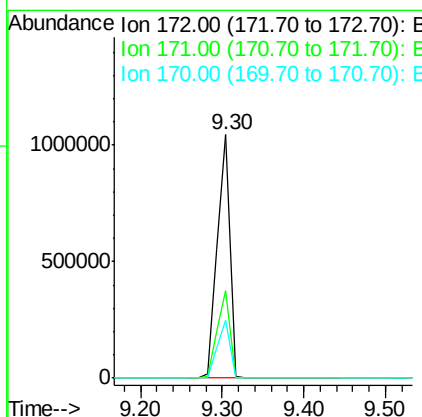
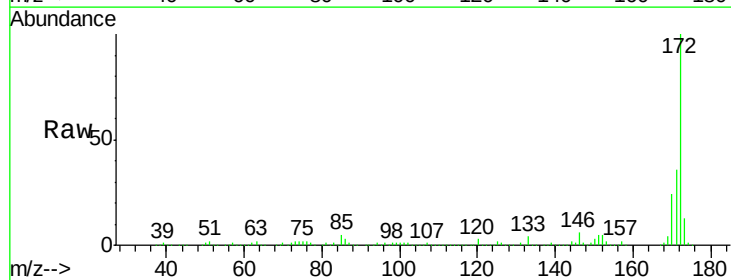
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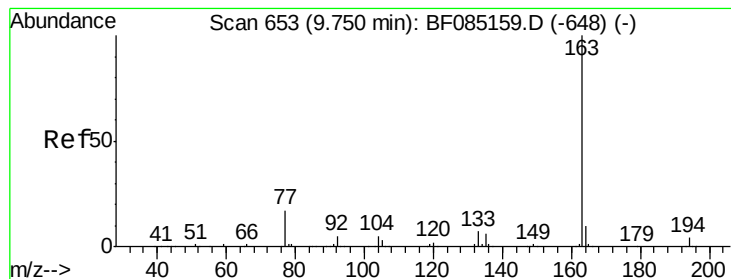
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#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1118020		
171	35.8	29.3	43.9	
170	23.9	20.0	30.0	





#49

Dimethylphthalate

Concen: 9.56 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

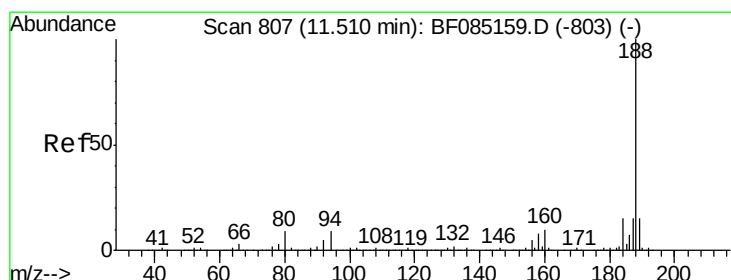
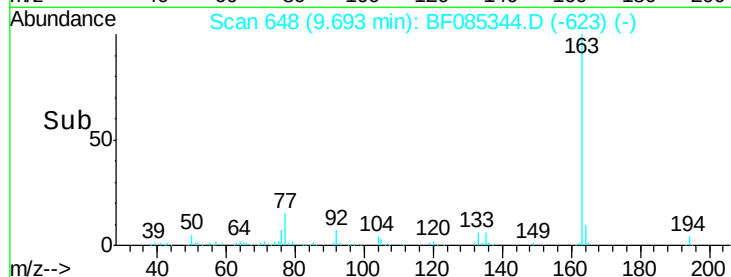
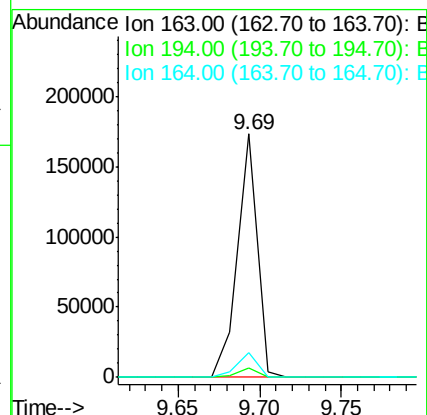
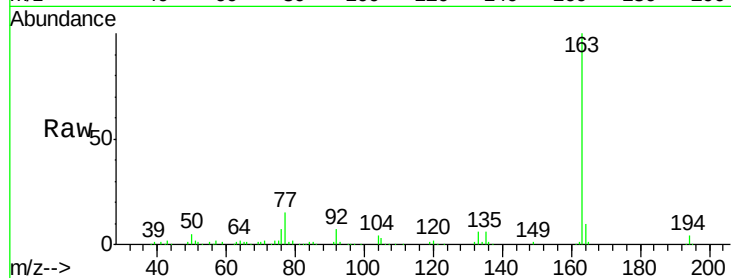
ClientSampleId :

TEC-COMP5

Tgt Ion:	163	Resp:	144093
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

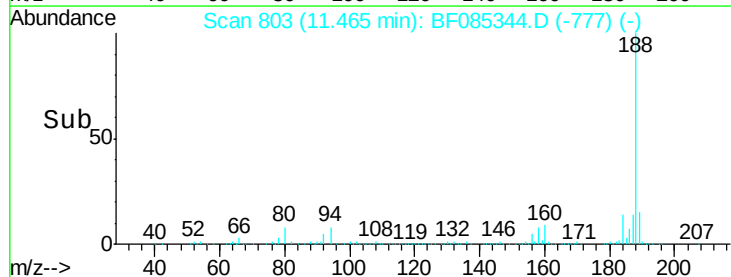
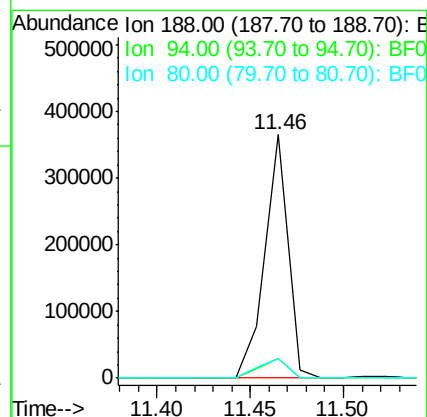
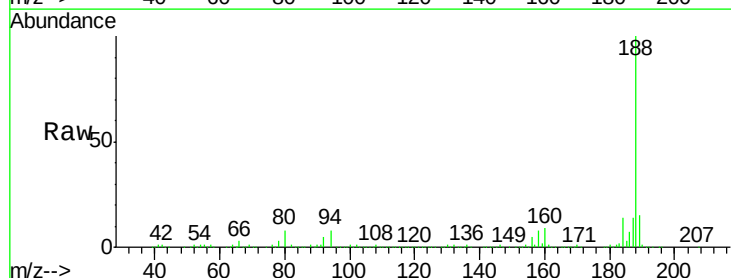
RT: 11.46 min Scan# 803

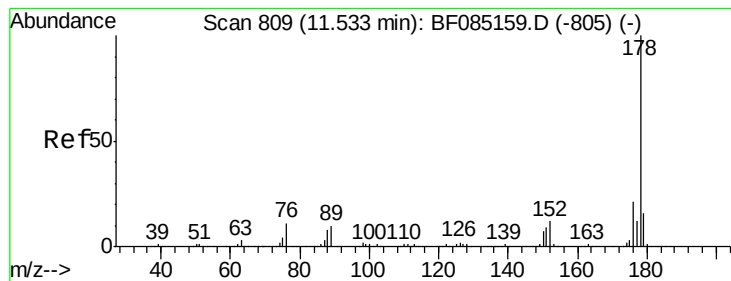
Delta R.T. -0.00 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Tgt Ion:	188	Resp:	313162
Ion Ratio	Lower	Upper	
188	100		
94	7.8	7.0	10.6
80	8.2	7.4	11.0





#70

Phenanthrene

Concen: 9.22 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085344.D

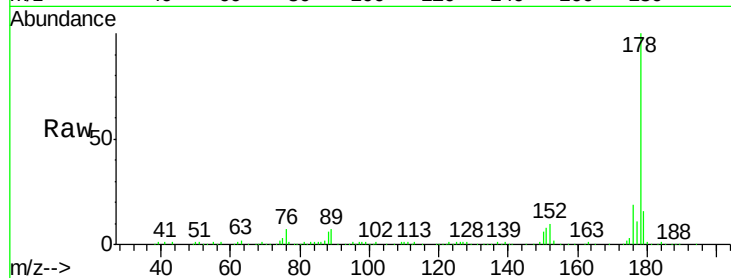
Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

ClientSampleId :

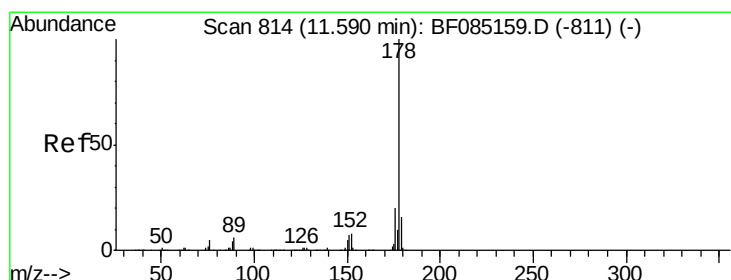
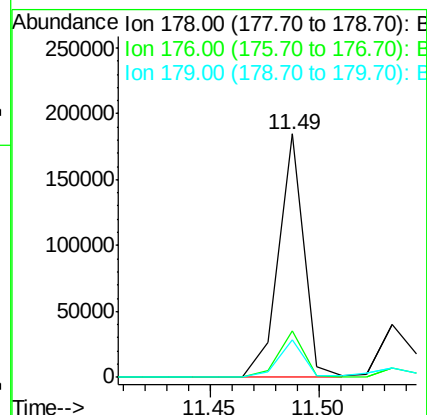
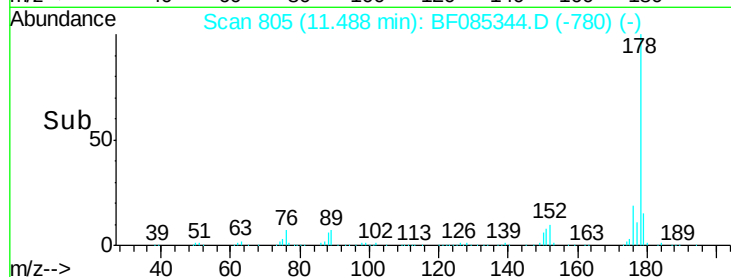
TEC-COMP5



Tgt Ion:	178	Resp:	151261
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.8	25.2
179	15.6	13.1	19.7

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#71

Anthracene

Concen: 2.42 ng

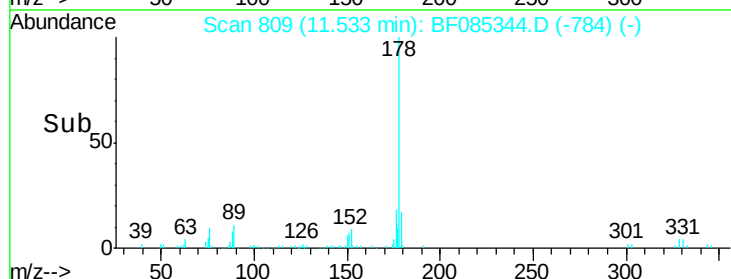
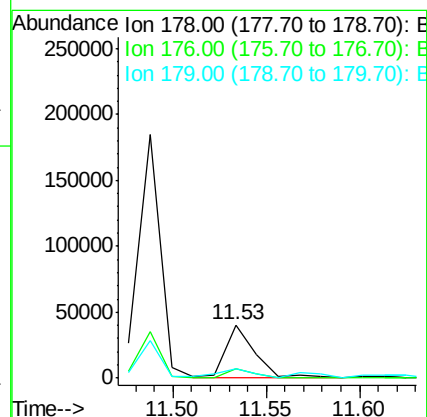
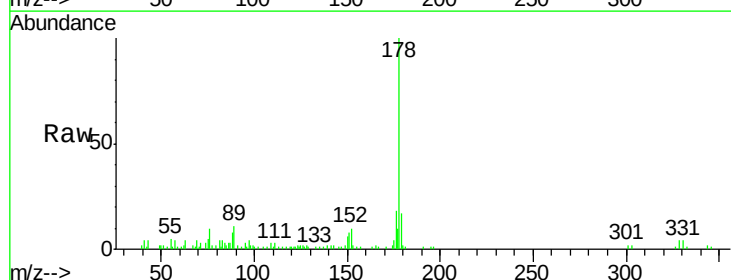
RT: 11.53 min Scan# 809

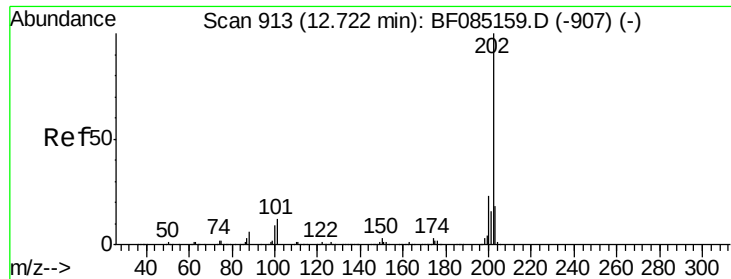
Delta R.T. -0.01 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Tgt Ion:	178	Resp:	42152
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.9	23.9
179	16.6	12.5	18.7





#74

Fluoranthene

Concen: 13.71 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

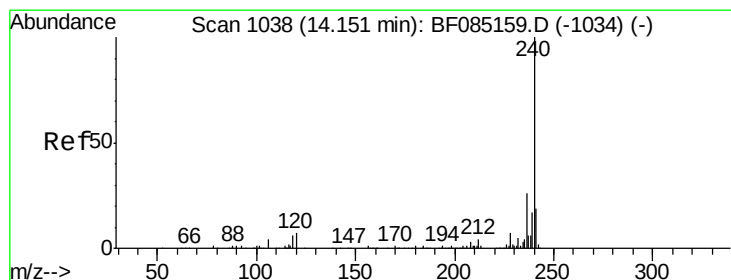
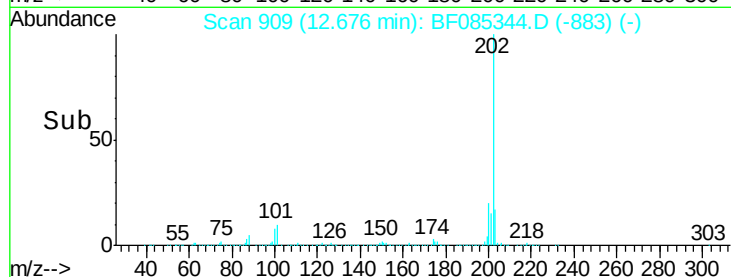
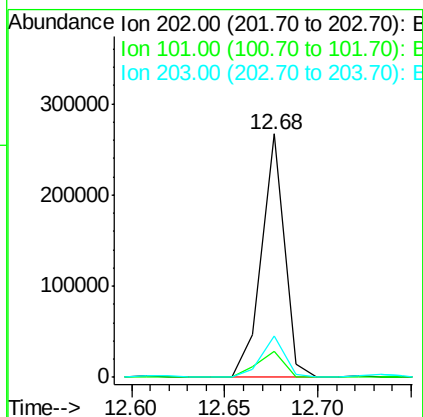
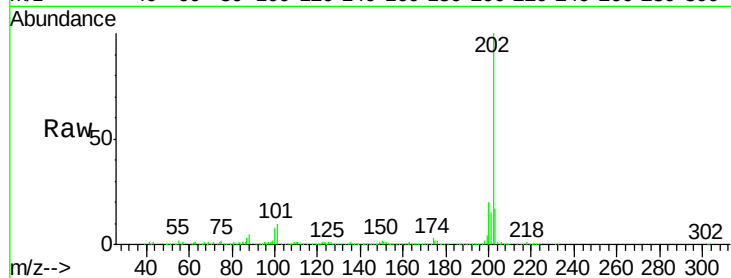
ClientSampleId :

TEC-COMP5

Tgt Ion:	202	Resp:	225884
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.8
203	17.1	0.0	38.4

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#75

Chrysene-d12

Concen: 20.00 ng

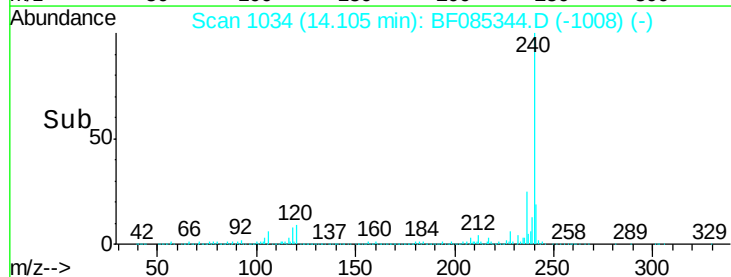
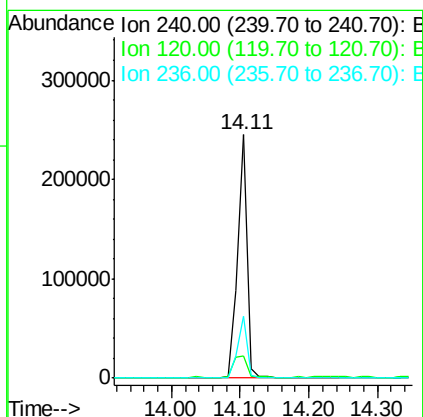
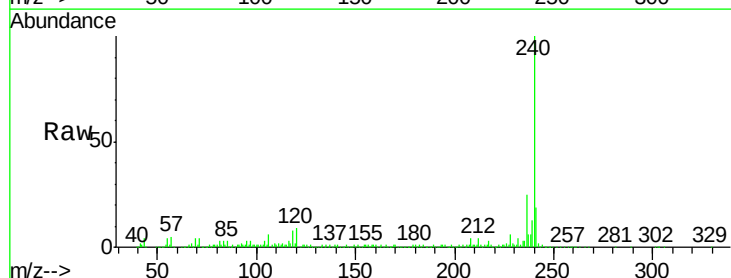
RT: 14.11 min Scan# 1034

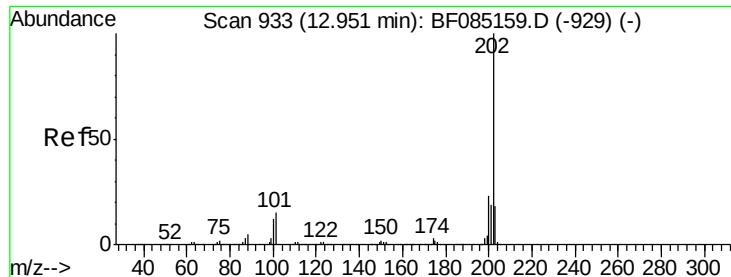
Delta R.T. -0.00 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Tgt Ion:	240	Resp:	241348
Ion Ratio	Lower	Upper	
240	100		
120	9.1	5.3	7.9#
236	25.2	20.7	31.1





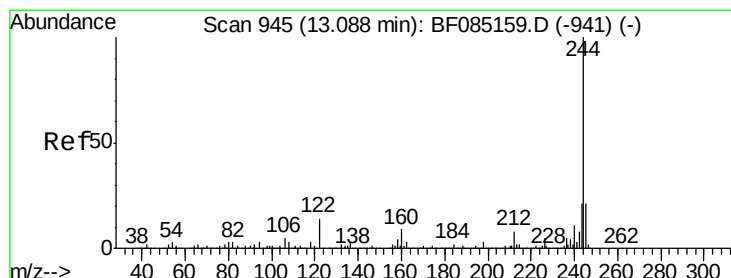
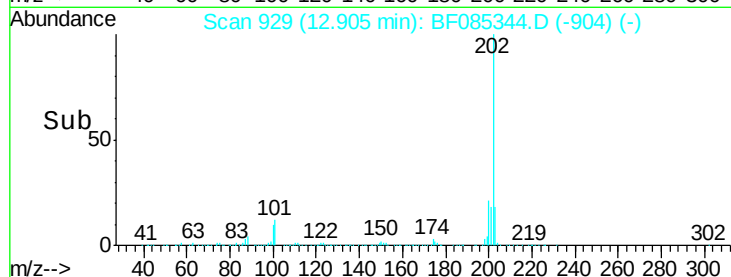
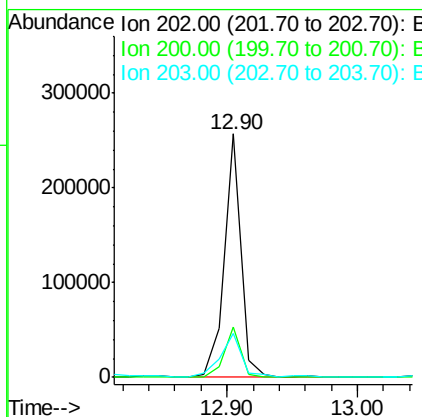
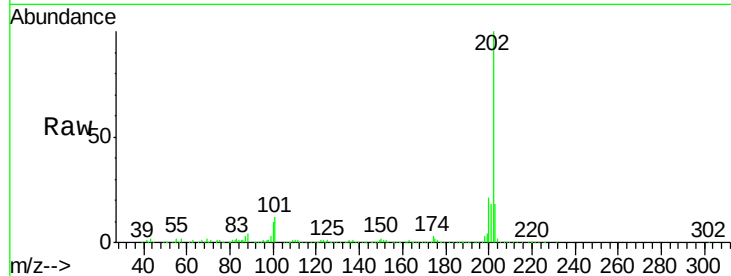
#77
 Pyrene
 Concen: 12.55 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP5

Tgt Ion:	202	Resp:	227890
Ion Ratio		Lower	Upper
202	100		
200	20.8	18.2	27.4
203	18.1	14.7	22.1

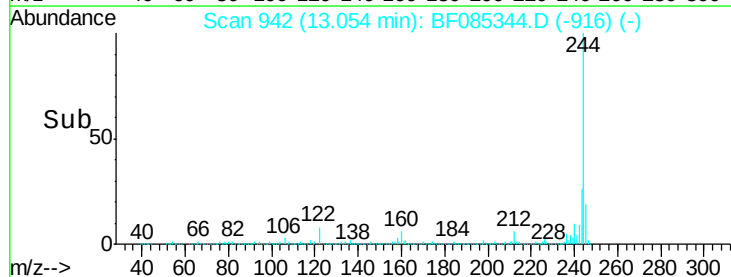
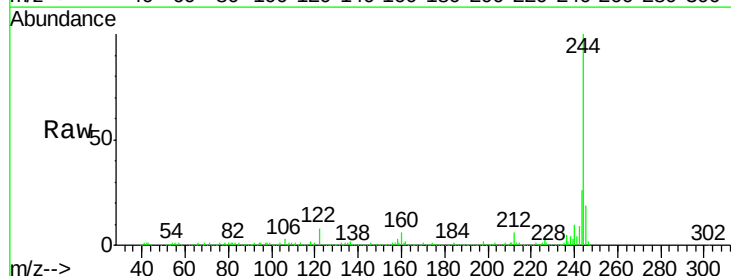
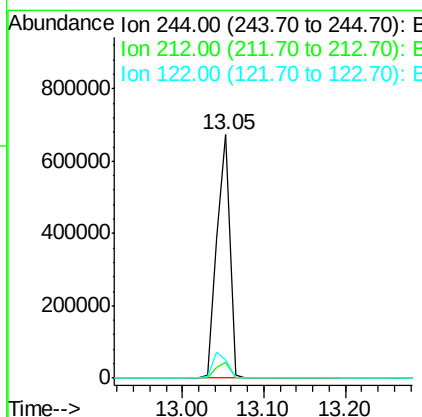
Manual Integrations
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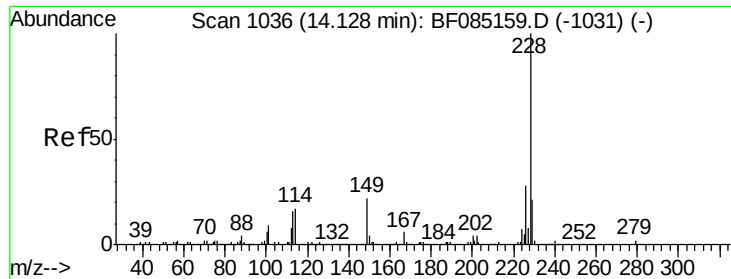
Sohil
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#78
 Terphenyl-d14
 Concen: 71.32 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Tgt Ion:	244	Resp:	741475
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.4	9.6
122	7.7	11.4	17.2#





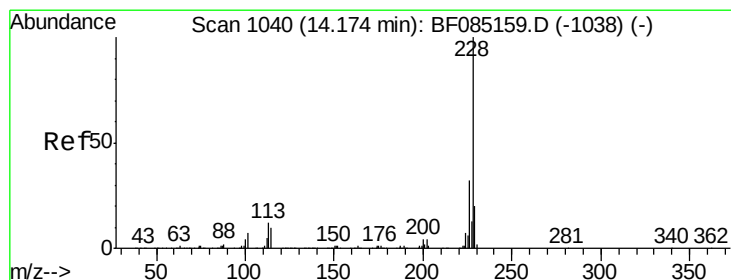
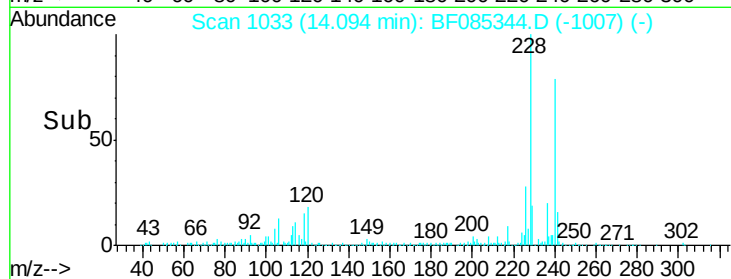
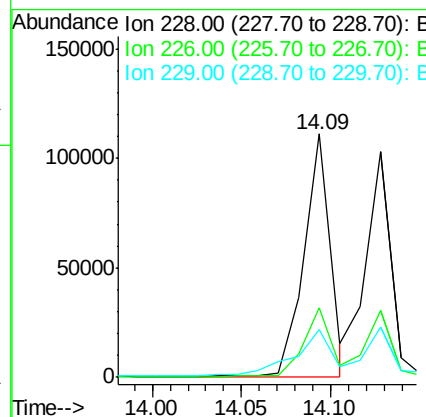
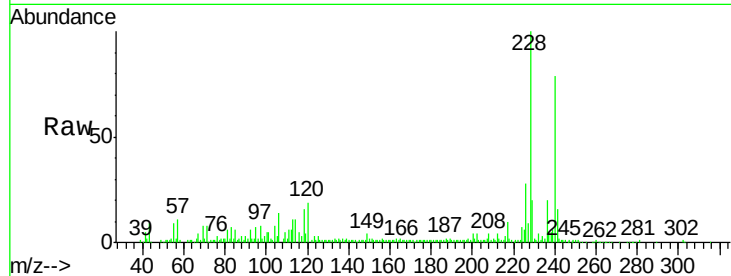
#80
Benzo(a)anthracene
Concen: 7.95 ng m
RT: 14.09 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF085344.D
Acq: 10 Mar 2016 20:28

Instrument :
BNA_F
ClientSampleId :
TEC-COMP5

Tgt	Ion	Resp	Lower	Upper
228	100			
226	28.5	22.8	34.2	
229	19.6	16.6	24.8	

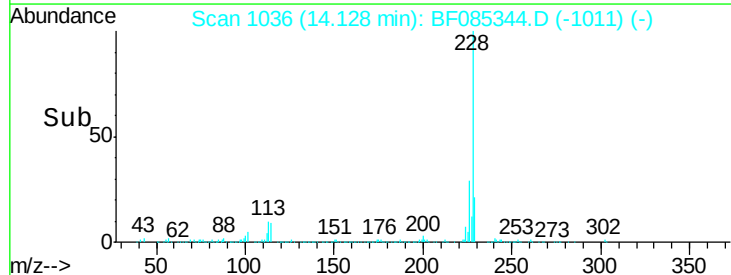
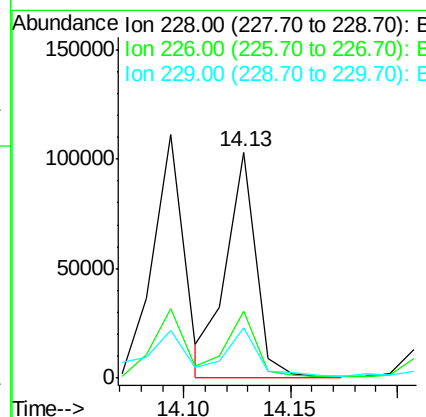
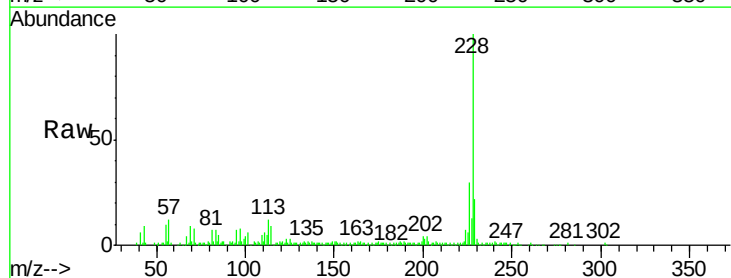
Manual Integrations
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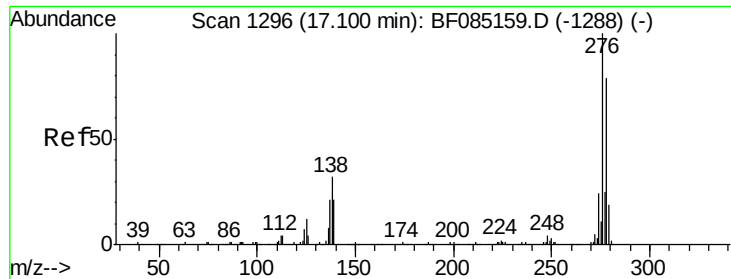
Sohil
3/11/2016 4:58:38 PM



#82
Chrysene
Concen: 7.63 ng m
RT: 14.13 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF085344.D
Acq: 10 Mar 2016 20:28

Tgt	Ion	Resp	Lower	Upper
228	100			
226	29.8	25.2	37.8	
229	22.4	16.0	24.0	





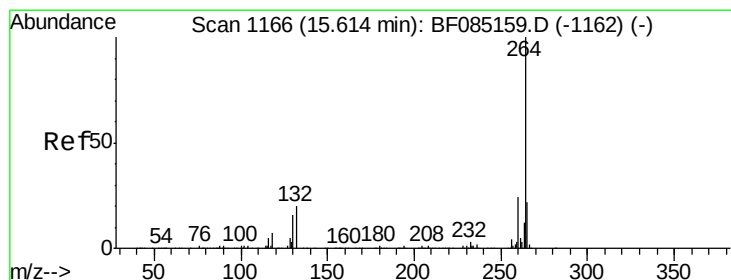
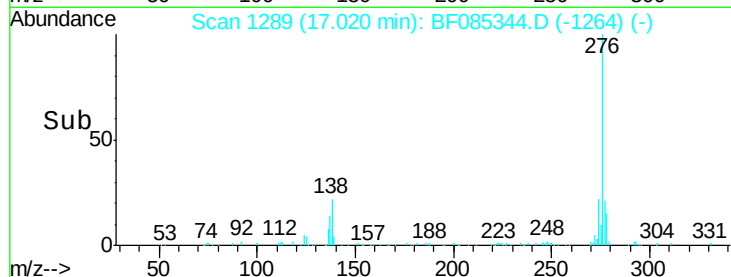
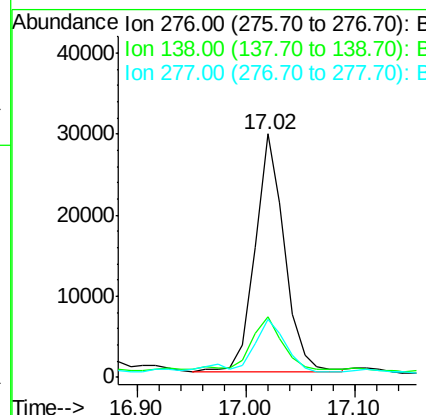
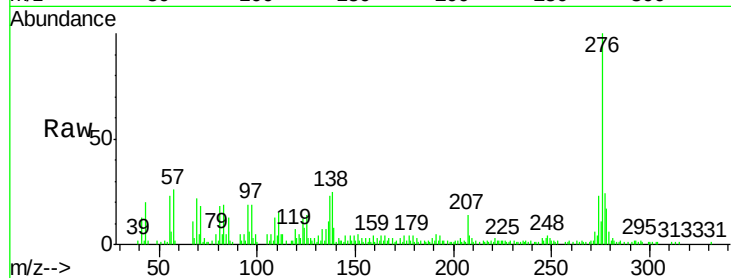
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.29 ng
 RT: 17.02 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	26.4	39.6#
277	29.2	20.2	30.2

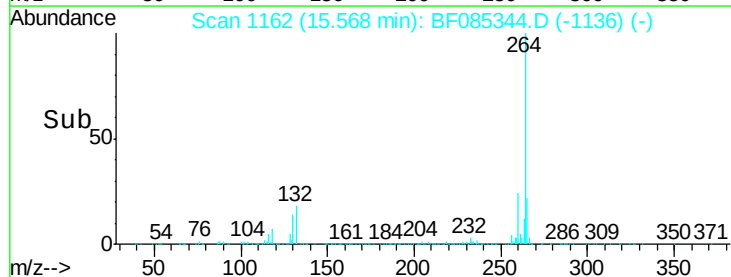
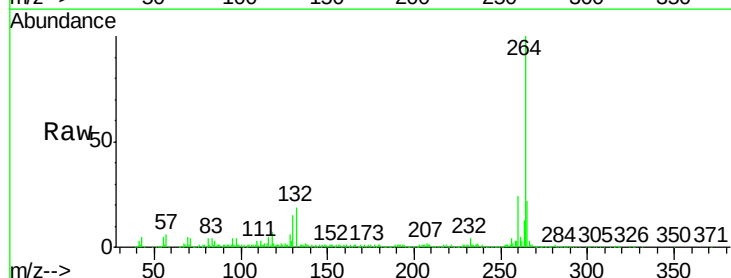
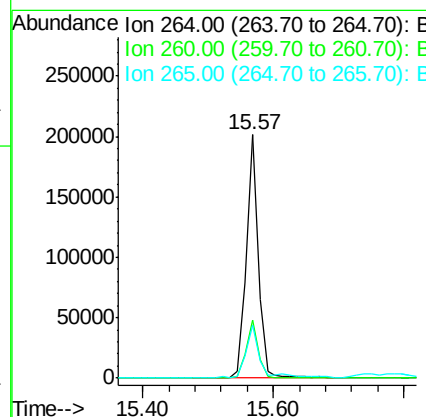
Manual Integrations
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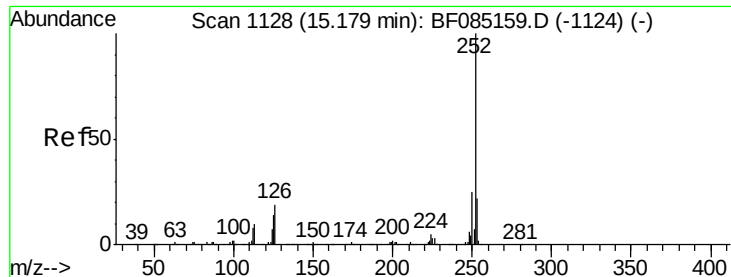
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 3/11/2016 4:58:38 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF085344.D
 Acq: 10 Mar 2016 20:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 8.22 ng m

RT: 15.15 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Instrument :

BNA_F

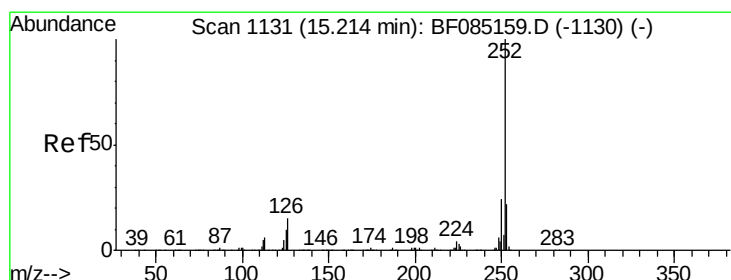
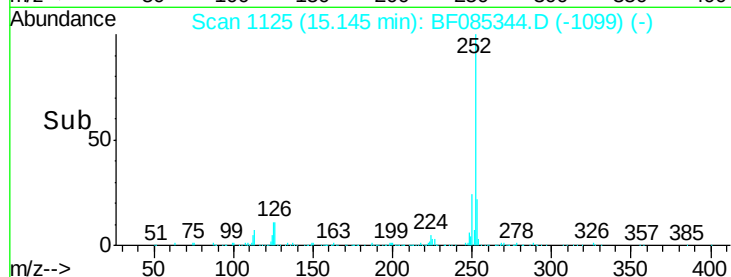
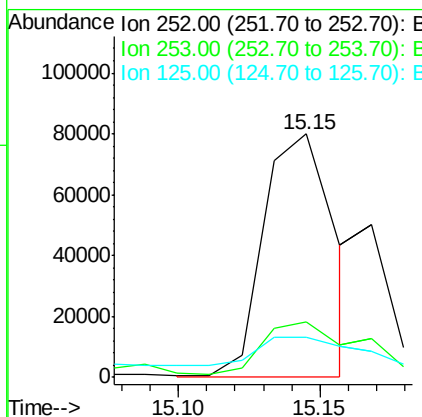
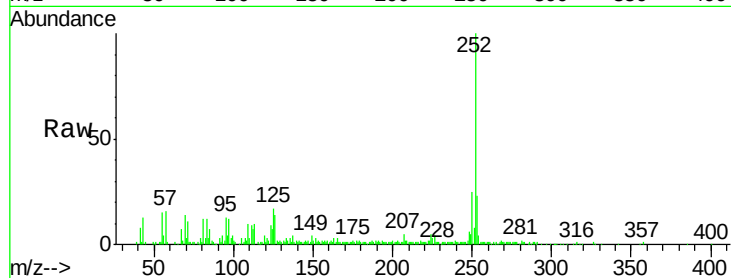
ClientSampleId :

TEC-COMP5

Tgt Ion:	252	Resp:	138770
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	16.7	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.24 ng m

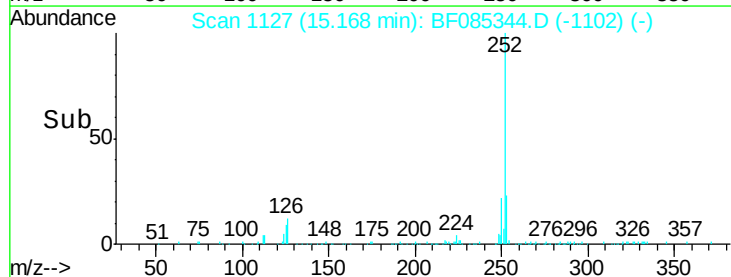
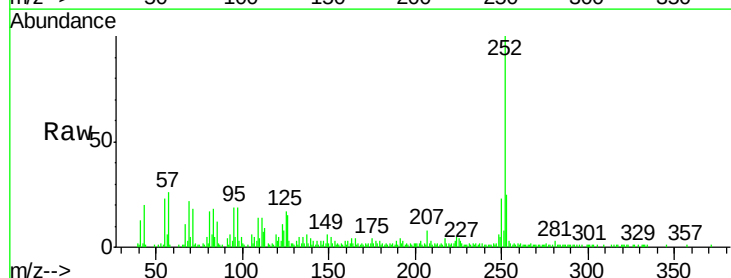
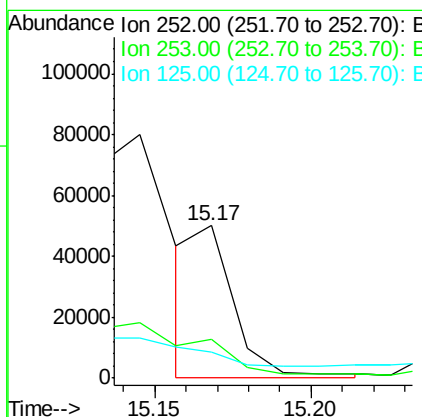
RT: 15.17 min Scan# 1127

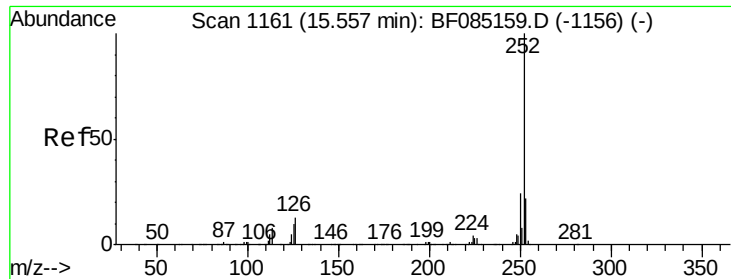
Delta R.T. -0.01 min

Lab File: BF085344.D

Acq: 10 Mar 2016 20:28

Tgt Ion:	252	Resp:	44108
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.6
125	17.2	10.4	15.6





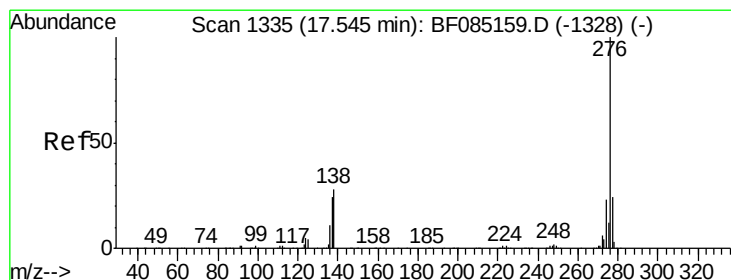
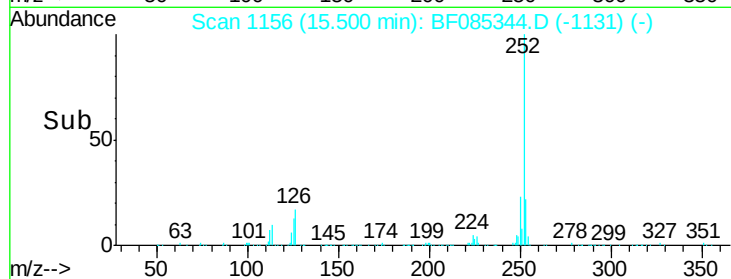
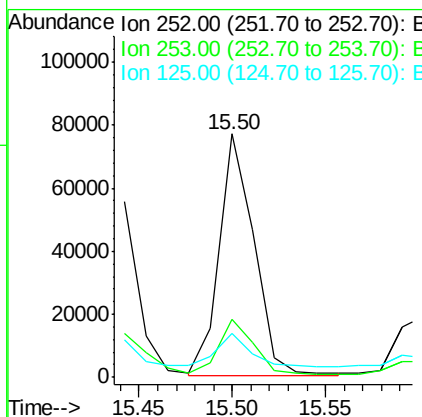
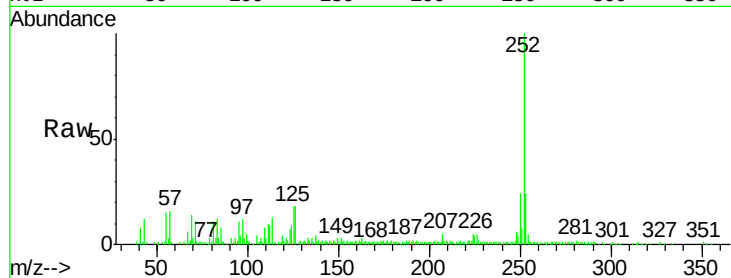
#89
Benzo(a)pyrene
Concen: 7.15 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF085344.D
Acq: 10 Mar 2016 20:28

Instrument :
BNA_F
ClientSampleId :
TEC-COMP5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	18.3	8.2	12.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.29 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF085344.D
Acq: 10 Mar 2016 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	25.5	22.5	33.7

