

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085893.D
 Acq On : 30 Mar 2016 18:28
 Operator : UM/SJ
 Sample : H2026-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Manual Integrations
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Quant Time: Mar 31 16:09:52 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	85076	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	352282	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	146619	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	235194	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	179479	20.00	ng	-0.01
86) Perylene-d12	15.39	264	183055	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	144763	28.34	ng	-0.01
7) Phenol-d6	6.44	99	191886	29.54	ng	-0.01
23) Nitrobenzene-d5	7.36	82	123041	19.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	18015	12.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	208879	23.80	ng	-0.01
78) Terphenyl-d14	12.90	244	142173	16.29	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	40350	3.63	ng	98
70) Phenanthrene	11.34	178	93732	7.76	ng	98
74) Fluoranthene	12.53	202	121132	9.44	ng	97
77) Pyrene	12.76	202	107261	7.27	ng	98
80) Benzo(a)anthracene	13.95	228	64167	6.27	ng	96
82) Chrysene	13.98	228	44144m	4.28	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	25047	3.39	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.77	276	26218	3.29	ng	# 91
87) Benzo(b)fluoranthene	14.97	252	75855m	6.58	ng	
89) Benzo(a)pyrene	15.32	252	46632	4.55	ng	# 72
91) Benzo(g,h,i)perylene	17.18	276	26001	2.70	ng	# 88

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

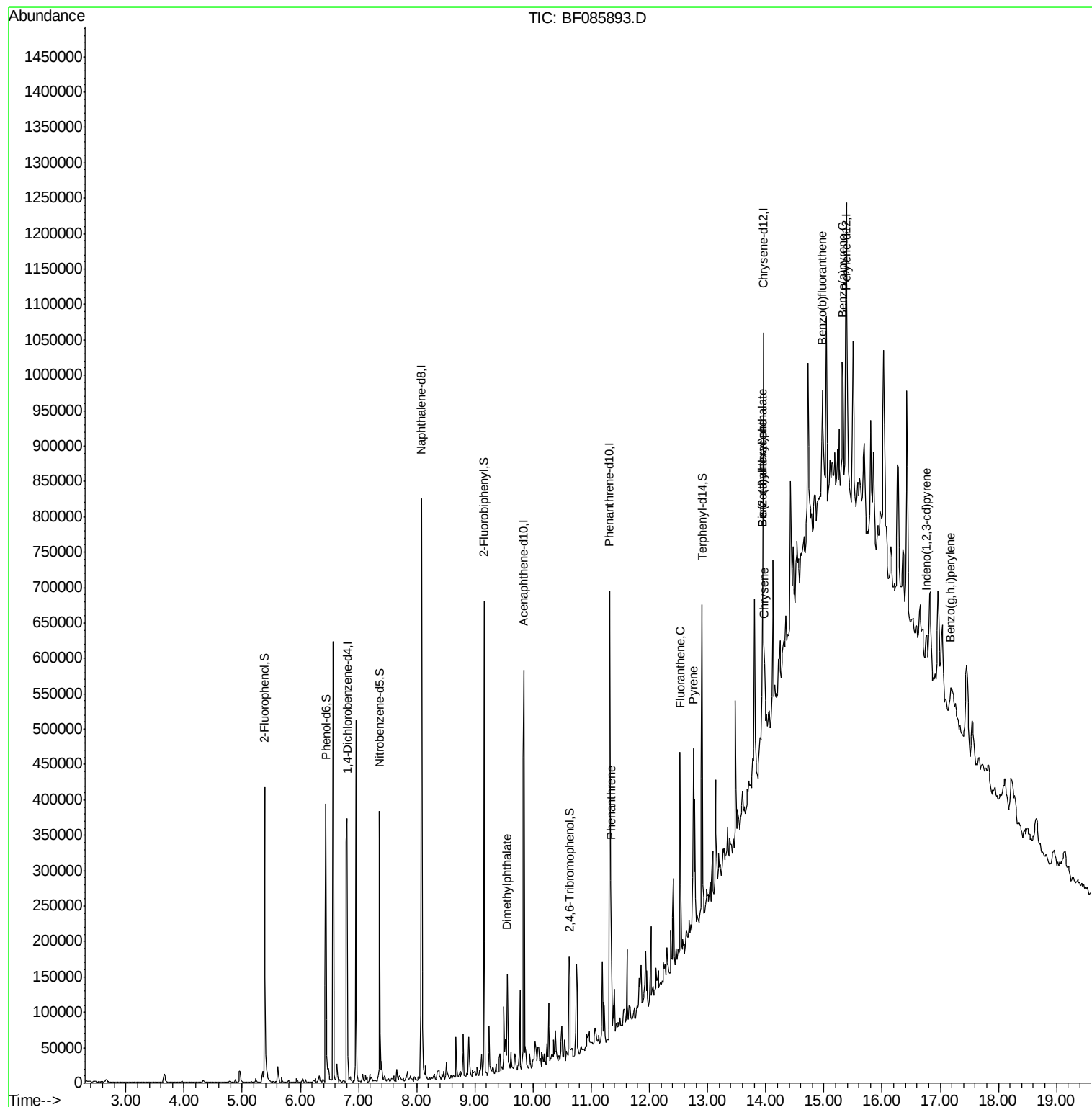
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085893.D
Acq On : 30 Mar 2016 18:28
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Instrument :
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Manual Integrations
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Quant Method : 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





#1

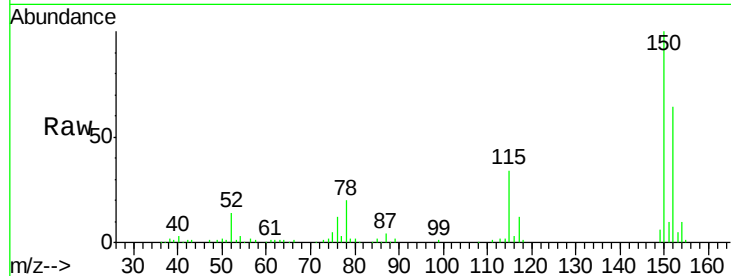
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

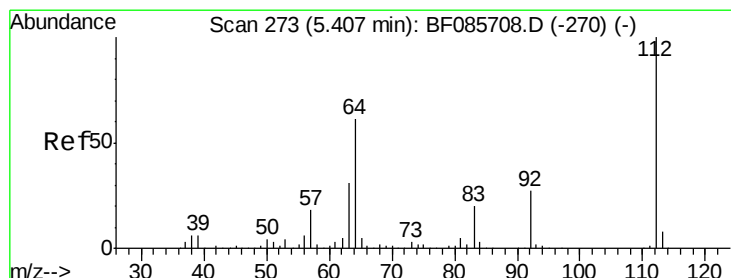
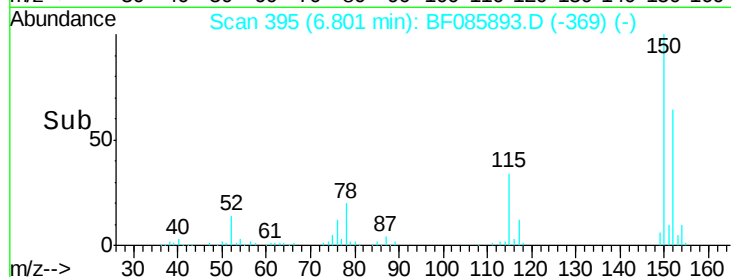
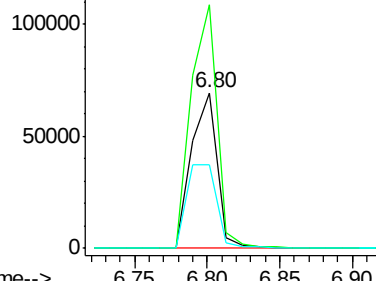
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	53.8	47.0	70.6

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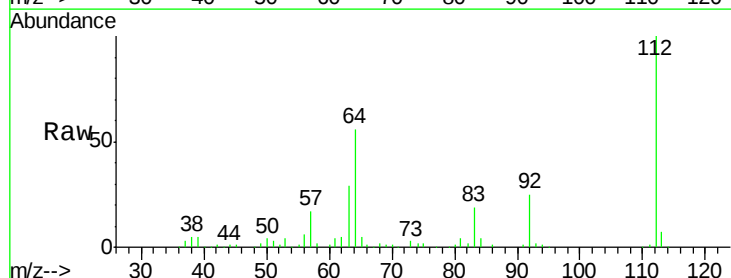
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



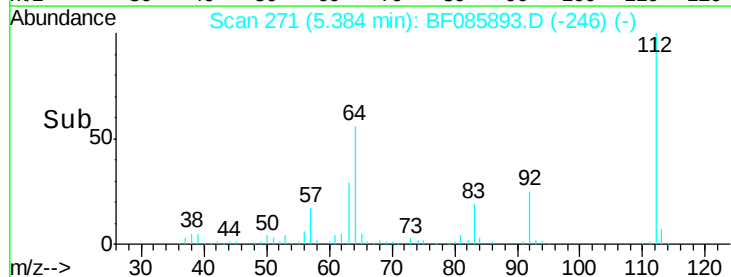
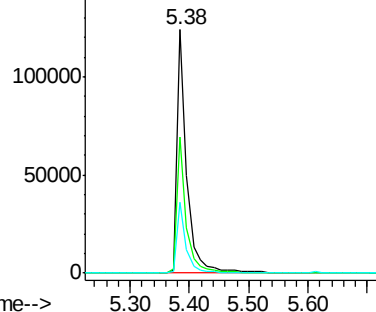
#5

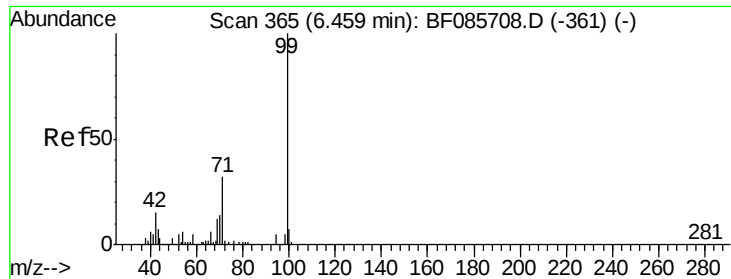
2-Fluorophenol
Concen: 28.34 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	39.9	59.9
63	28.9	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: 29.54 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085893.D

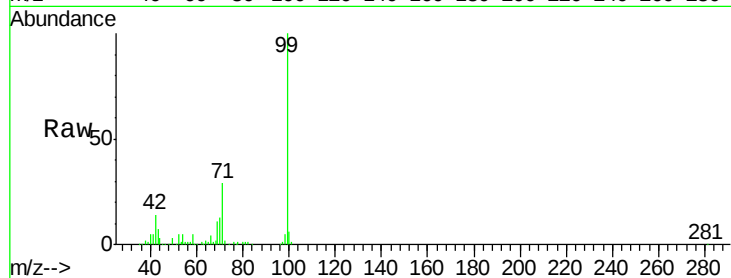
Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

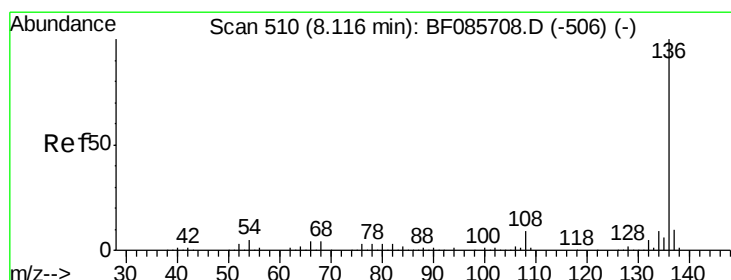
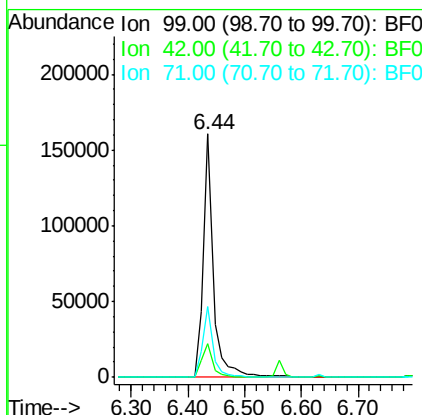
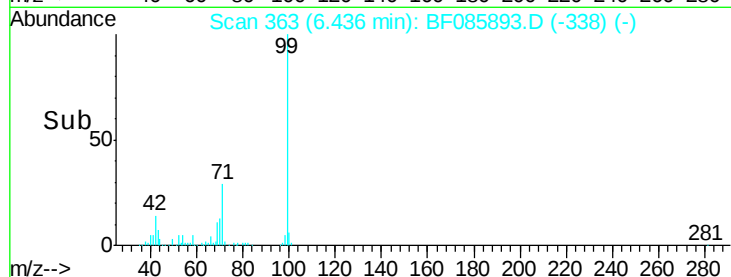
TEC-B7COMP



Tgt Ion:	99	Resp:	191886
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.1	16.7
71	28.9	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

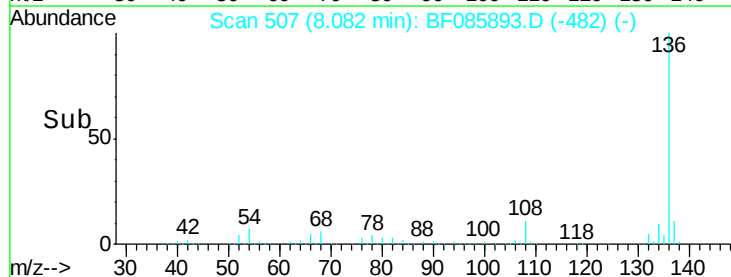
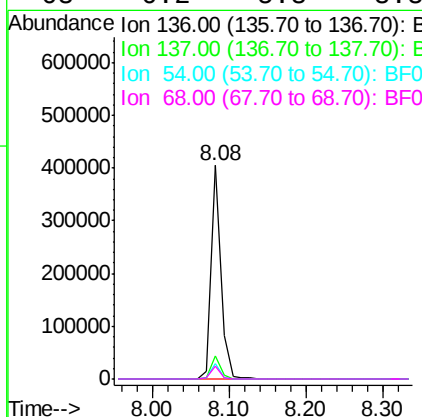
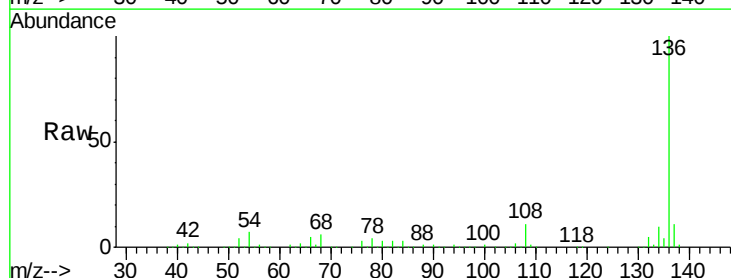
RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt Ion:	136	Resp:	352282
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.4	7.4	11.0
68	6.2	5.8	8.8





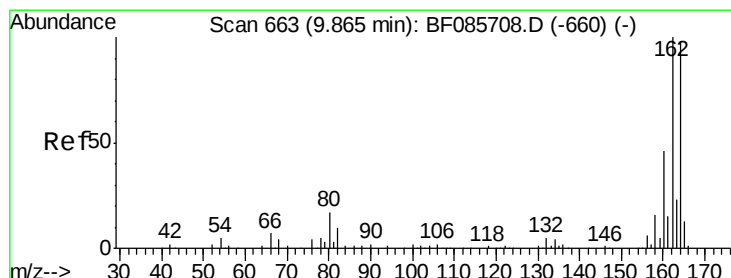
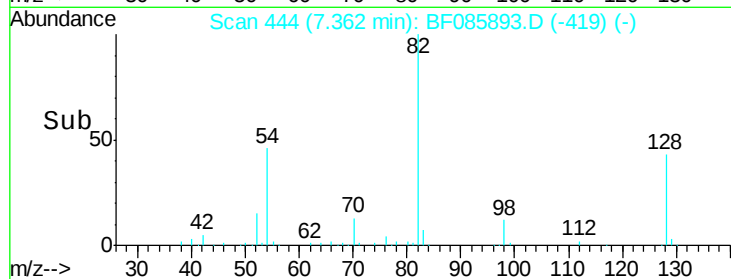
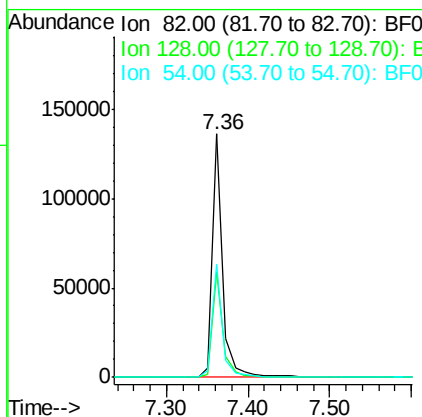
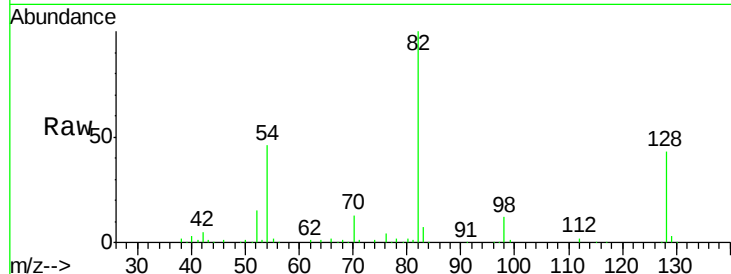
#23
 Nitrobenzene-d5
 Concen: 19.67 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	123041		
128	43.4	41.8	62.8	
54	46.4	33.4	50.0	

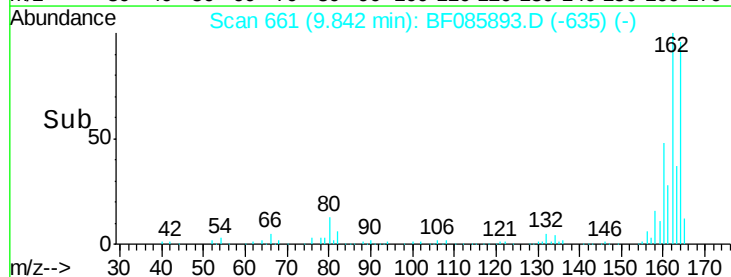
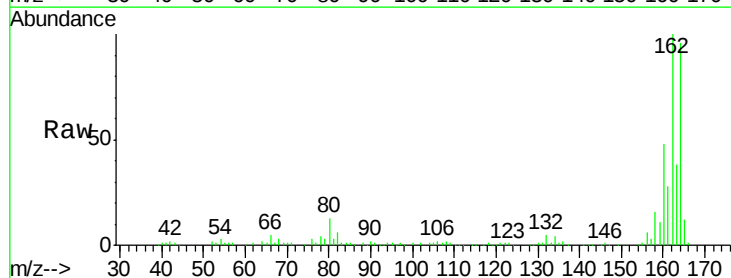
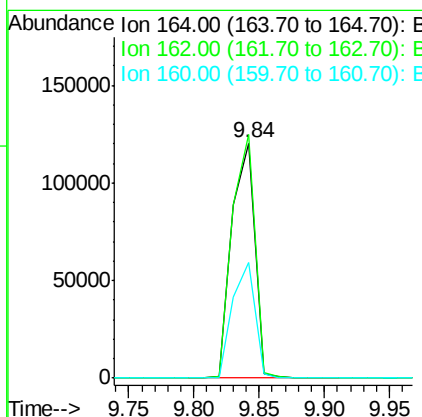
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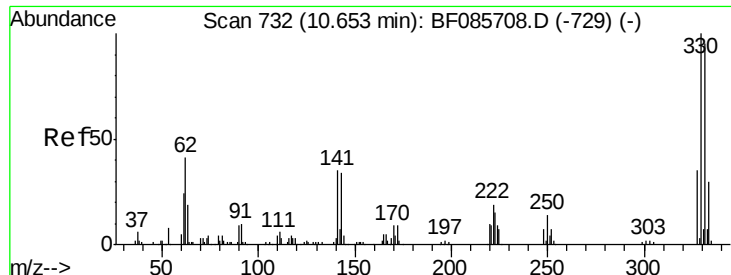
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146619		
162	103.7	82.1	123.1	
160	49.5	37.4	56.2	





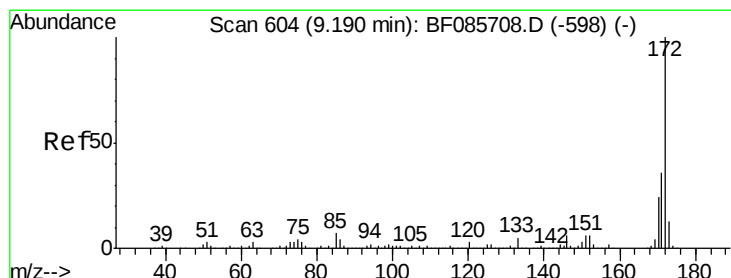
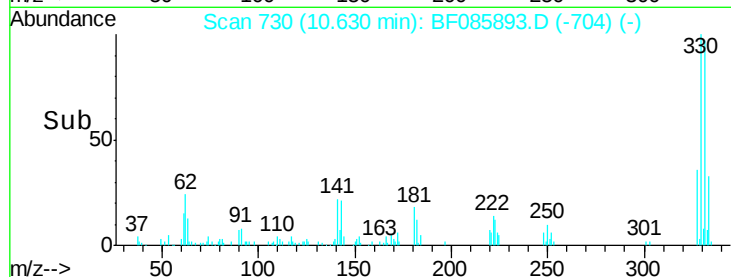
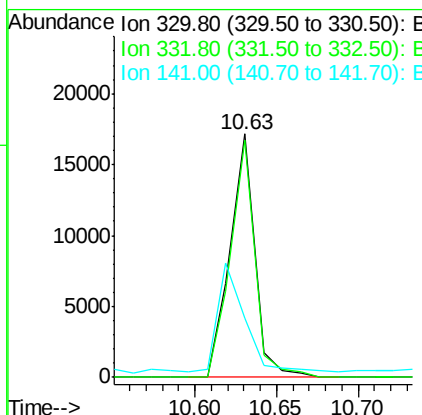
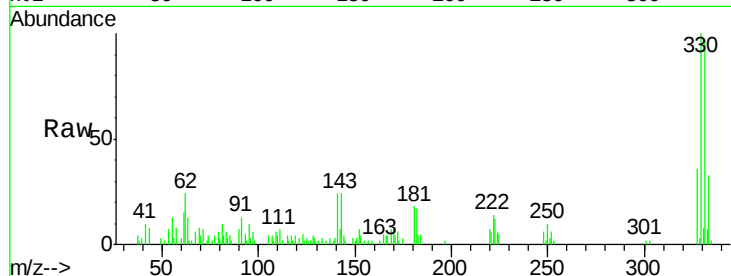
#41
 2,4,6-Tribromophenol
 Concen: 12.93 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18015		
332	96.1	78.2	117.2	
141	52.6	31.5	47.3#	

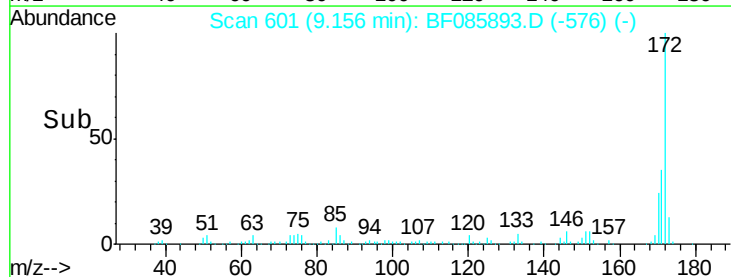
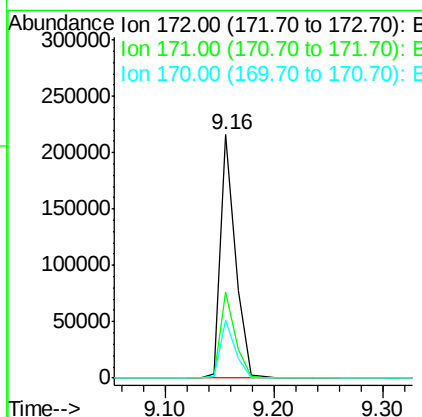
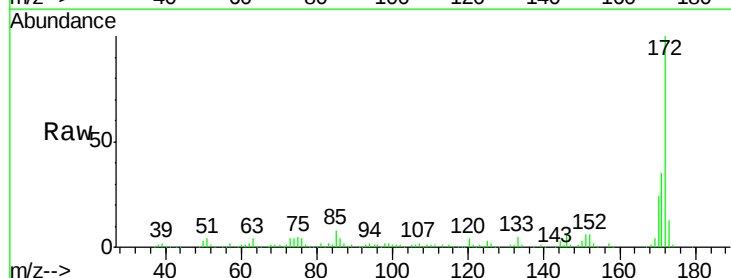
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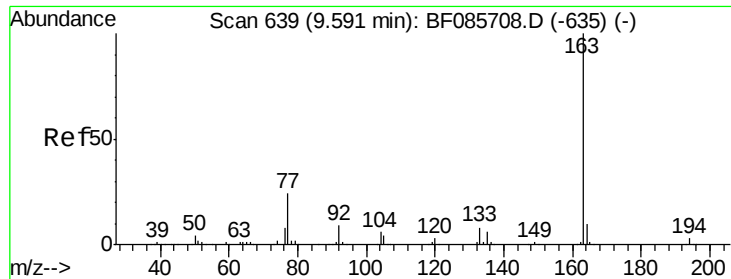
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#44
 2-Fluorobiphenyl
 Concen: 23.80 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	208879		
171	35.3	29.4	44.2	
170	23.9	19.8	29.6	





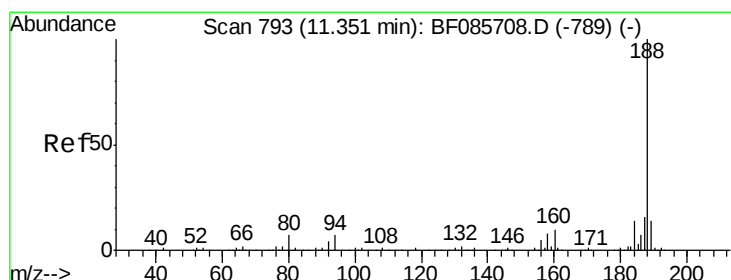
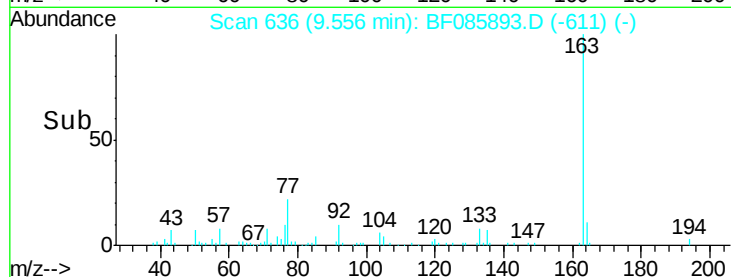
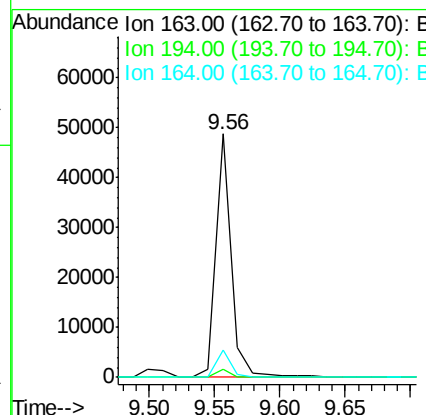
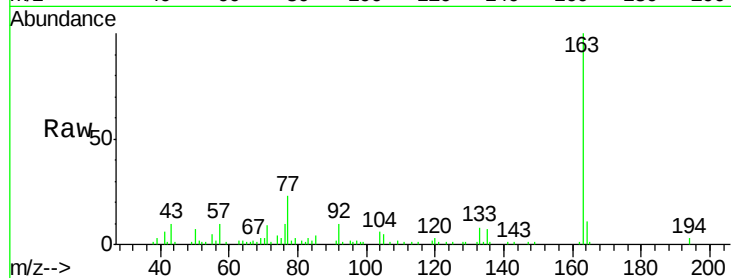
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Instrument :
BNA_F
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	40350		
194	3.4	2.9	4.3	
164	11.1	8.3	12.5	

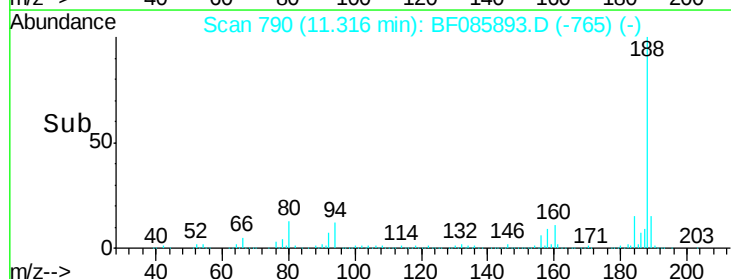
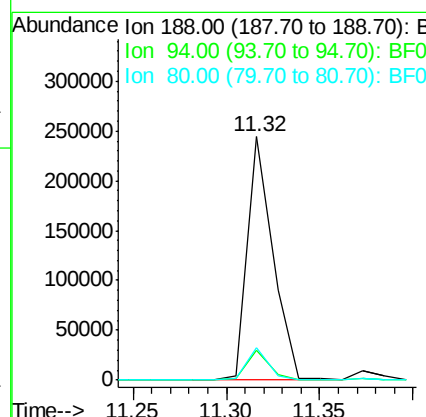
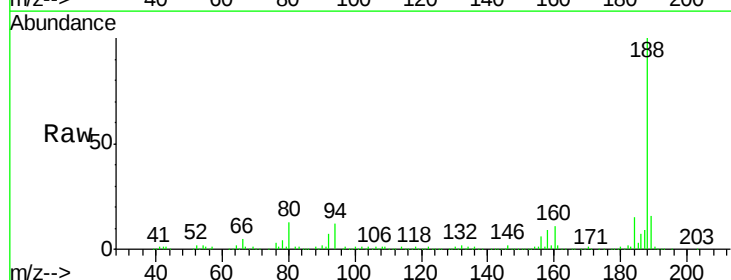
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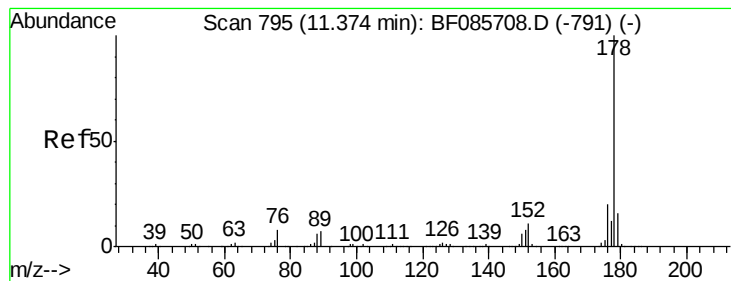
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	235194		
94	12.3	5.4	8.0#	
80	13.3	5.5	8.3#	





#70

Phenanthrene

Concen: 7.76 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

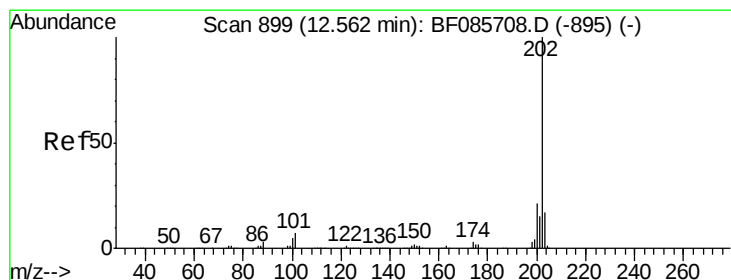
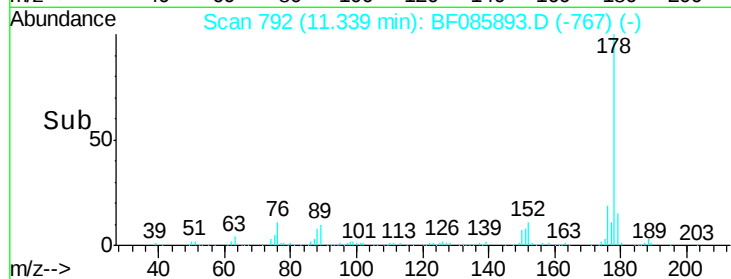
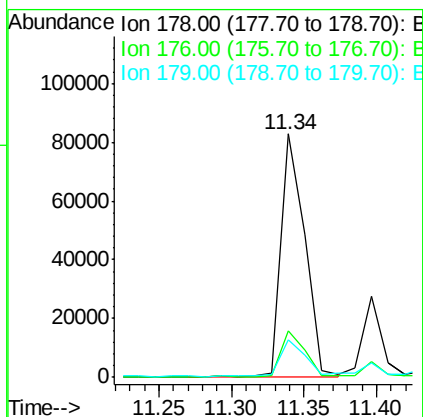
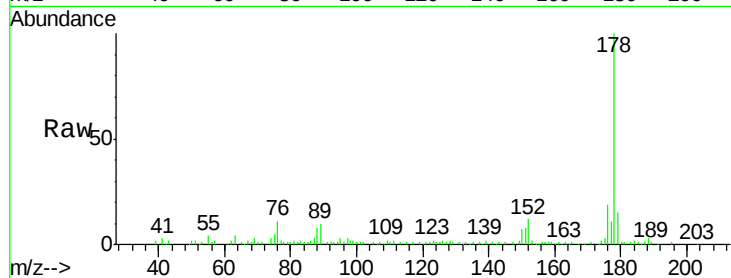
ClientSampleId :

TEC-B7COMP

Tgt Ion:	178	Resp:	93732
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.3	24.5
179	15.5	12.6	18.8

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#74

Fluoranthene

Concen: 9.44 ng

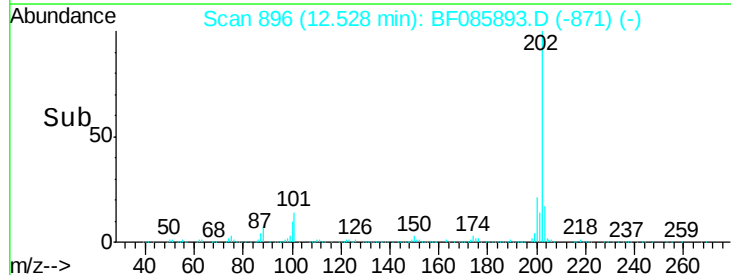
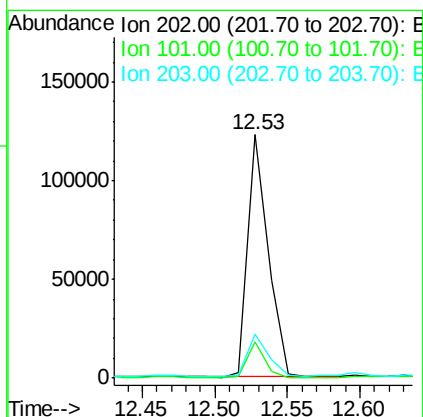
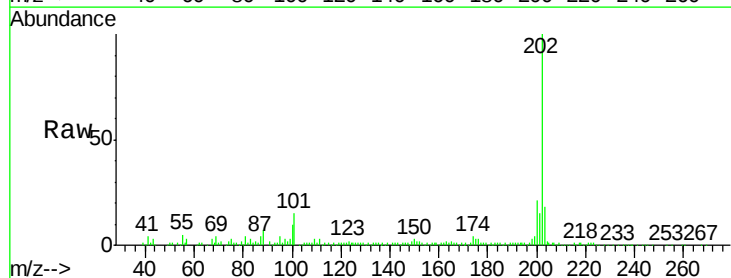
RT: 12.53 min Scan# 896

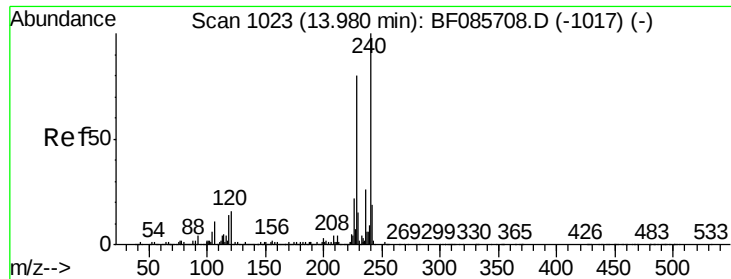
Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt Ion:	202	Resp:	121132
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	36.6
203	17.8	0.0	38.1





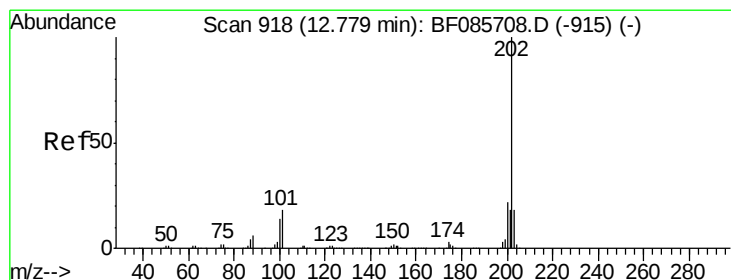
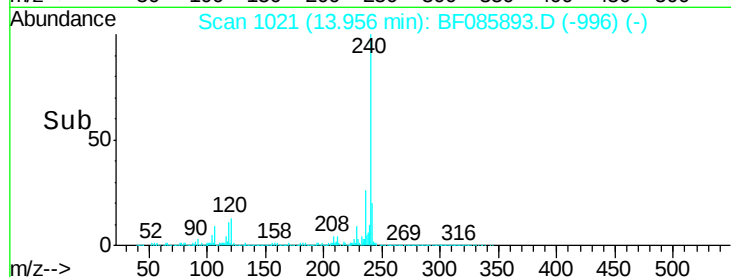
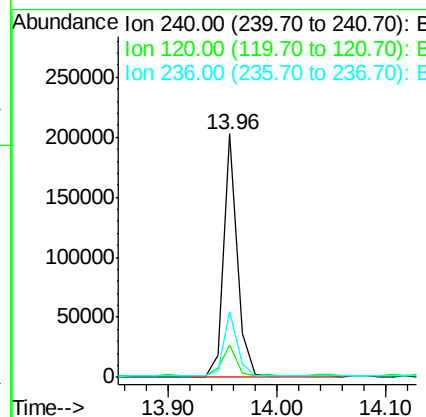
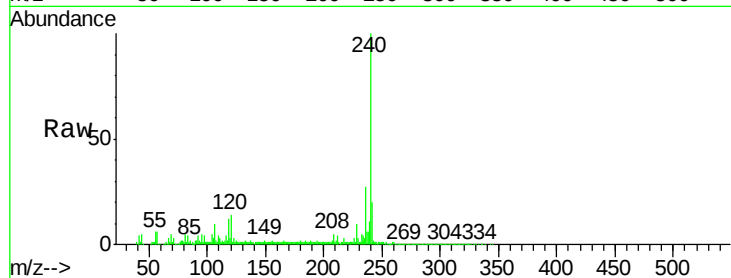
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179479		
120	13.6	13.8	20.8#	
236	26.8	20.6	30.8	

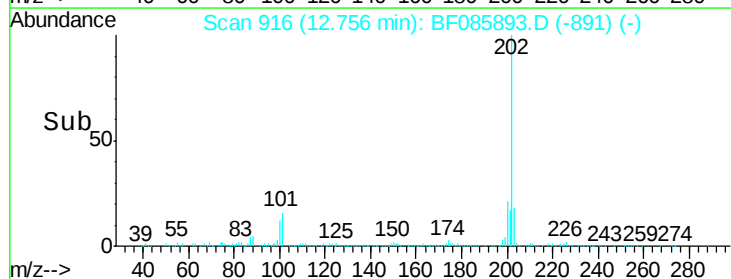
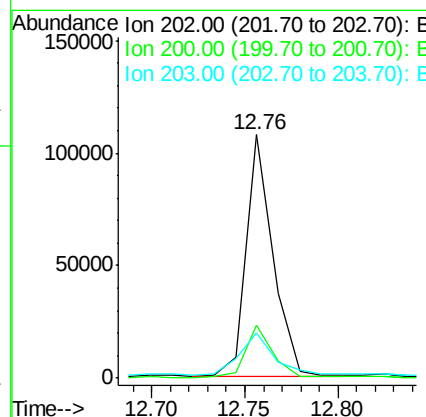
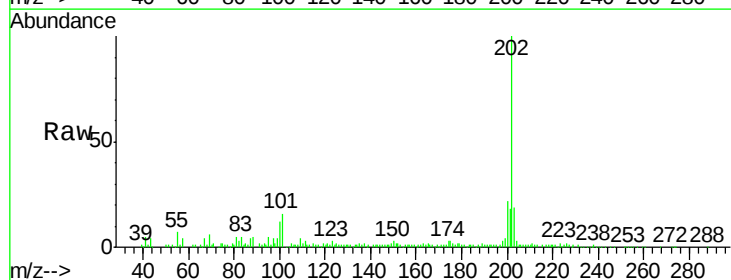
Manual Integrations
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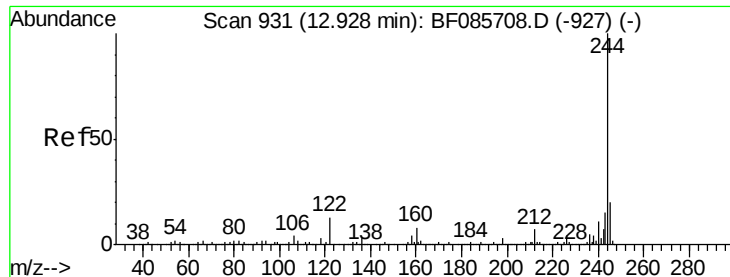
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#77
Pyrene
Concen: 7.27 ng
RT: 12.76 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	107261		
200	21.5	17.6	26.4	
203	18.8	14.0	21.0	





#78

Terphenyl-d14

Concen: 16.29 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

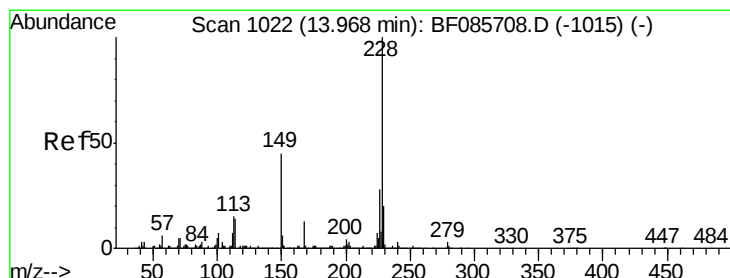
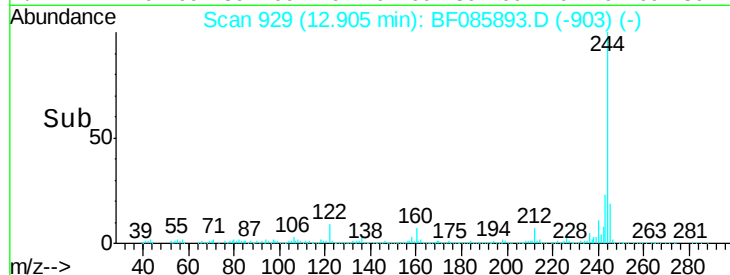
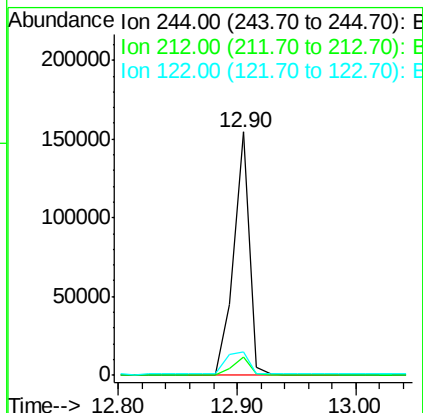
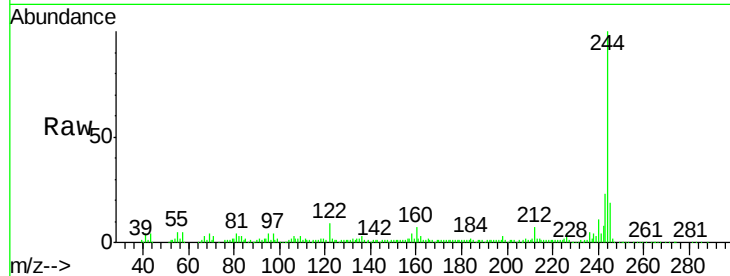
ClientSampleId :

TEC-B7COMP

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		142173		
212	7.3	6.1	9.1		
122	9.4	10.2	15.4		

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#80

Benzo(a)anthracene

Concen: 6.27 ng

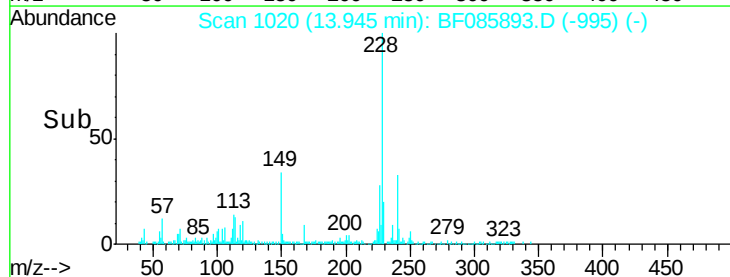
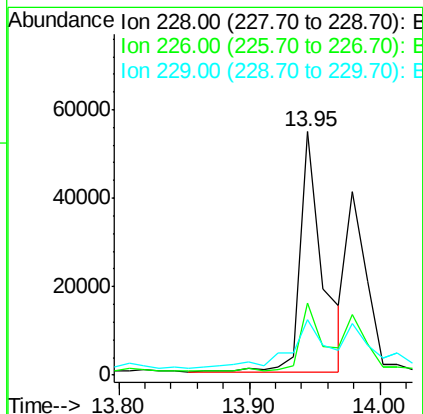
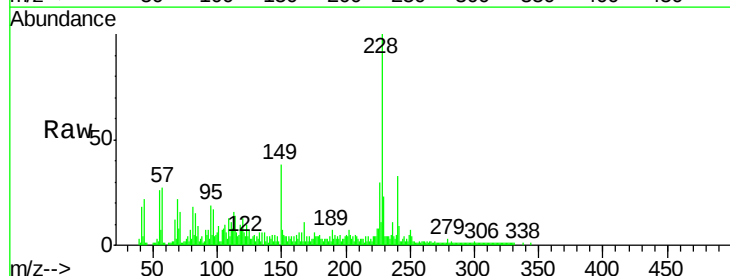
RT: 13.95 min Scan# 1020

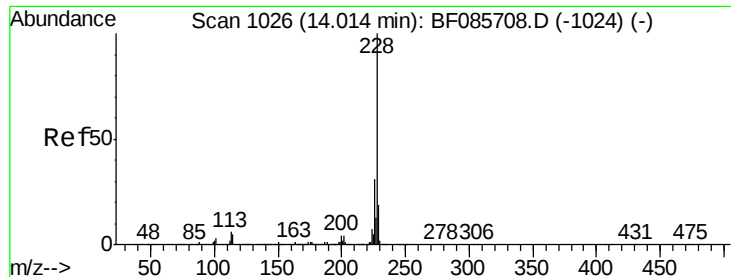
Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		64167		
226	29.7	22.1	33.1		
229	22.7	16.2	24.4		





#82

Chrysene

Concen: 4.28 ng m

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

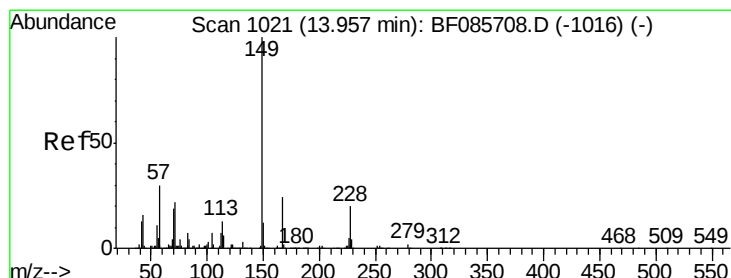
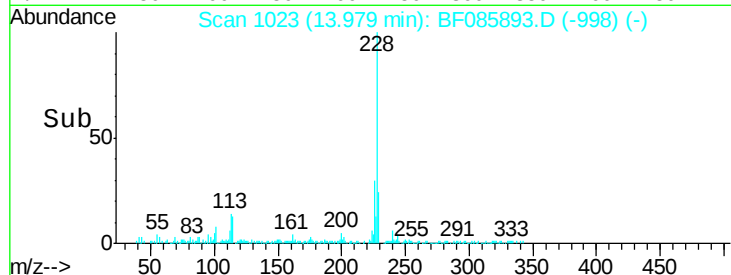
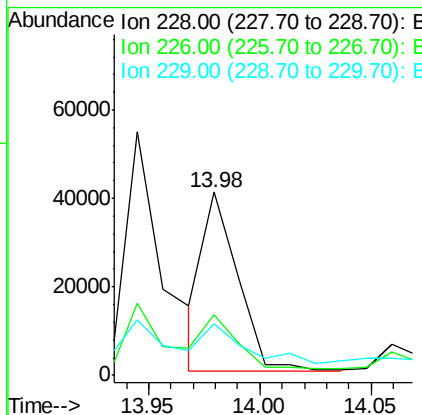
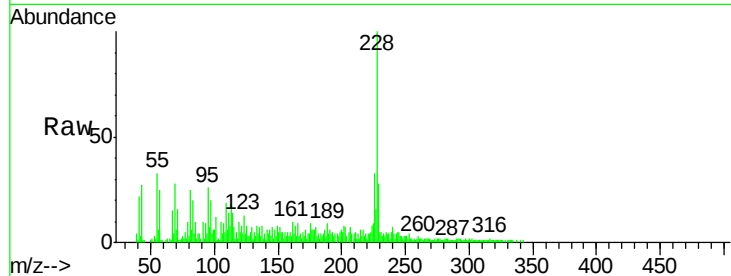
ClientSampleId :

TEC-B7COMP

Tgt Ion:	228	Resp:	44144
Ion Ratio	Lower	Upper	
228	100		
226	33.1	25.0	37.6
229	28.2	15.7	23.5#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.39 ng

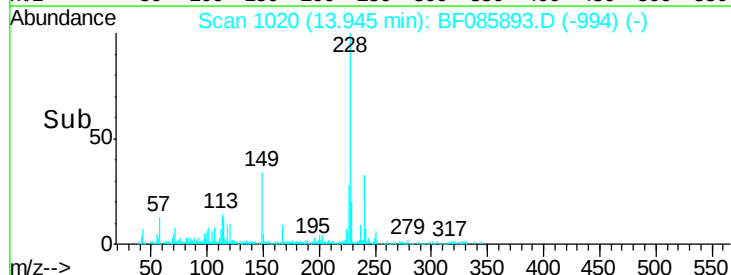
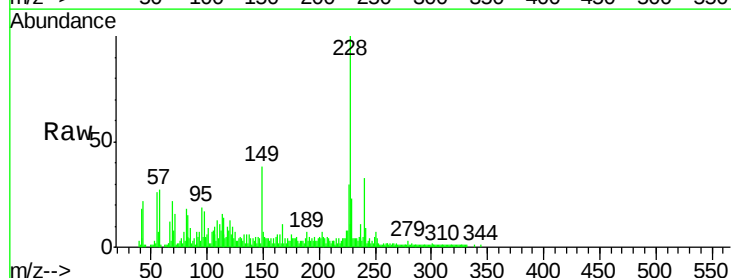
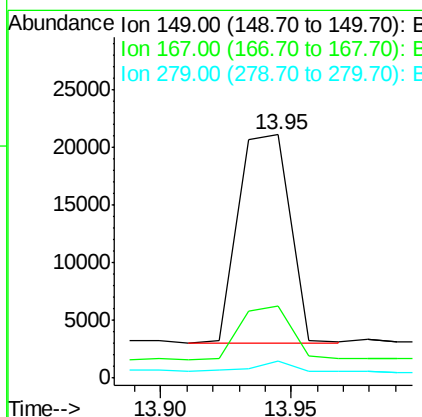
RT: 13.95 min Scan# 1020

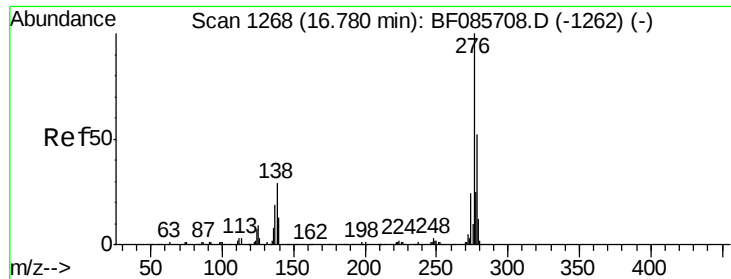
Delta R.T. -0.00 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt Ion:	149	Resp:	25047
Ion Ratio	Lower	Upper	
149	100		
167	29.6	19.4	29.2#
279	7.2	1.5	2.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.29 ng

RT: 16.77 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF085893.D

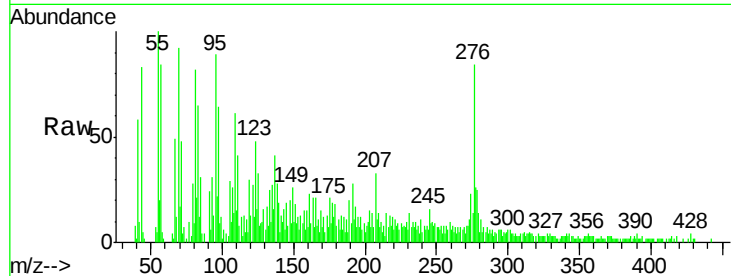
Acq: 30 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

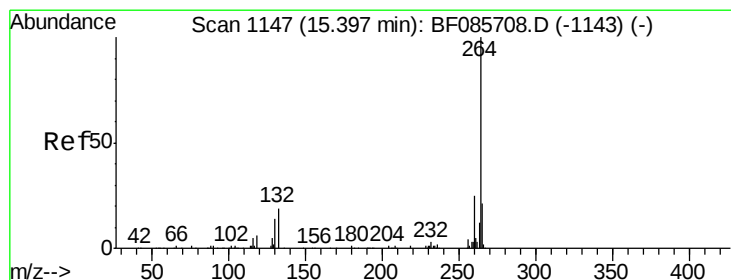
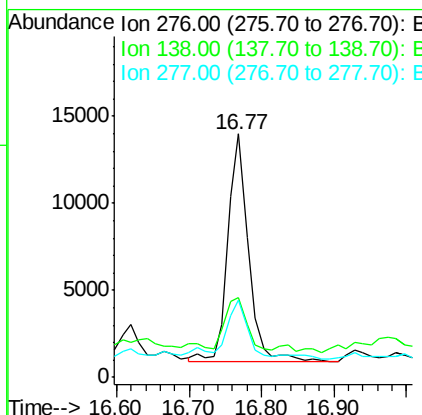
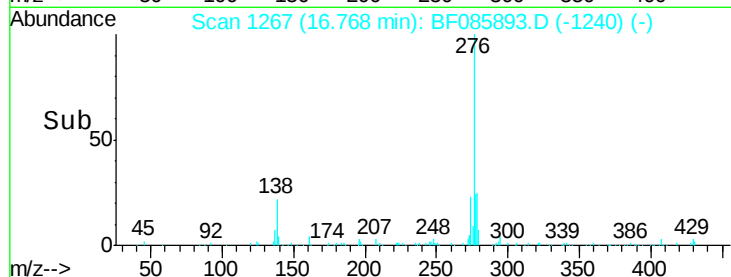
TEC-B7COMP



Tgt Ion:	276	Resp:	26218
Ion Ratio	Lower	Upper	
276	100		
138	23.7	24.2	36.4#
277	22.1	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

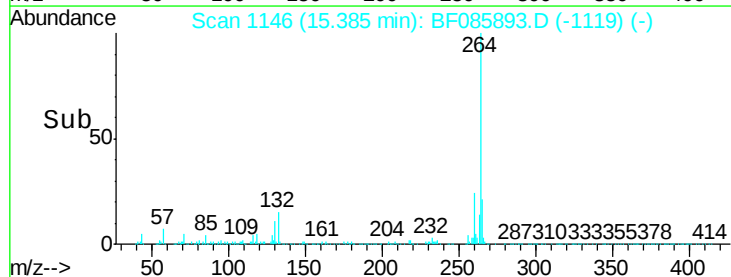
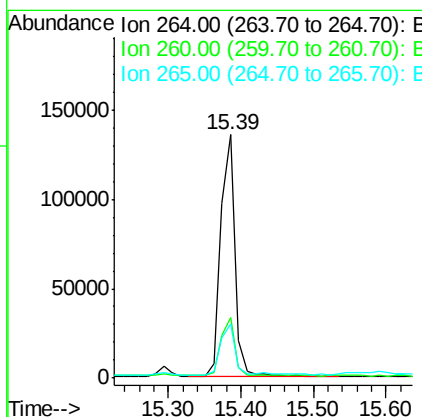
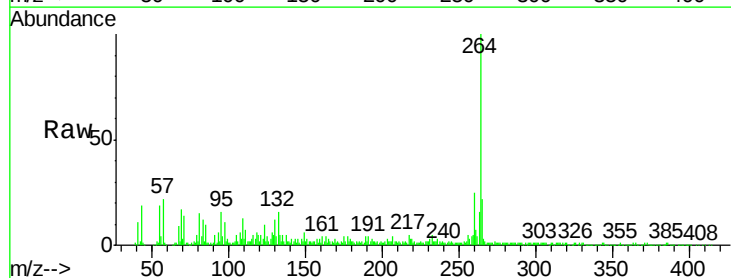
RT: 15.39 min Scan# 1146

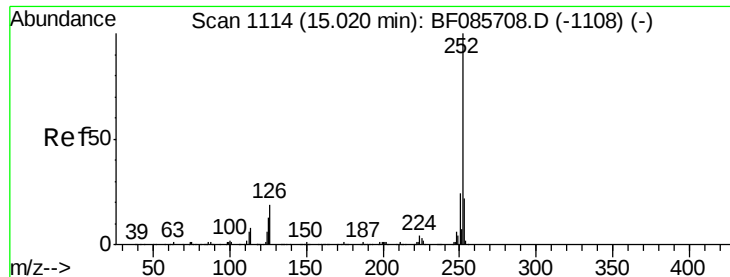
Delta R.T. 0.01 min

Lab File: BF085893.D

Acq: 30 Mar 2016 18:28

Tgt Ion:	264	Resp:	183055
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.2	17.2	25.8





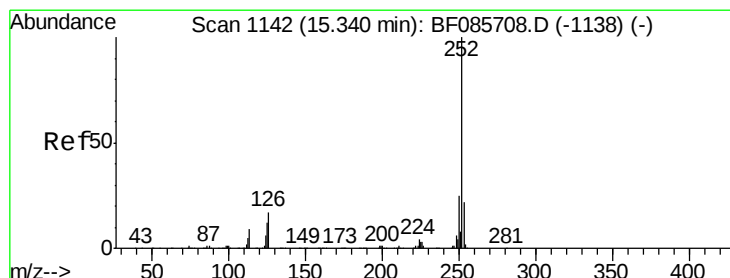
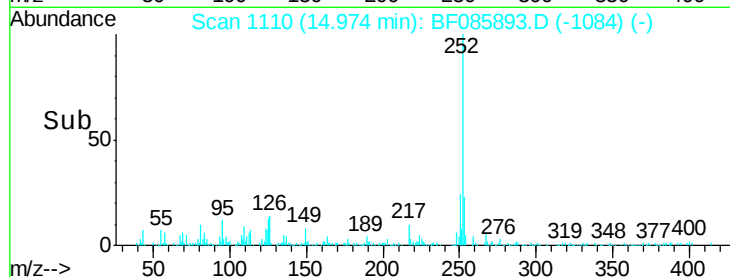
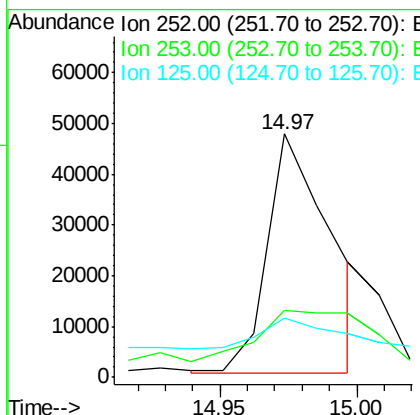
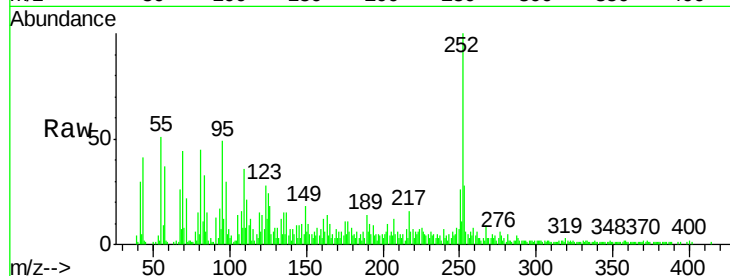
#87
Benzo(b)fluoranthene
Concen: 6.58 ng m
RT: 14.97 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TEC-B7COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	24.4	10.3	15.5#

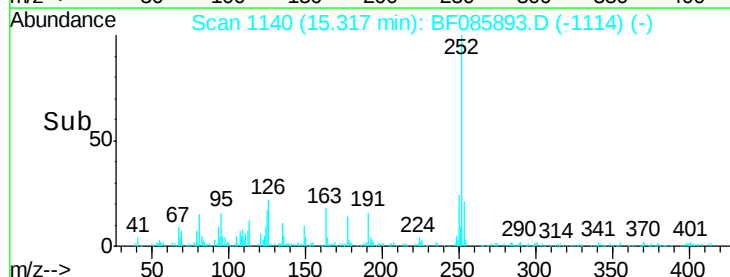
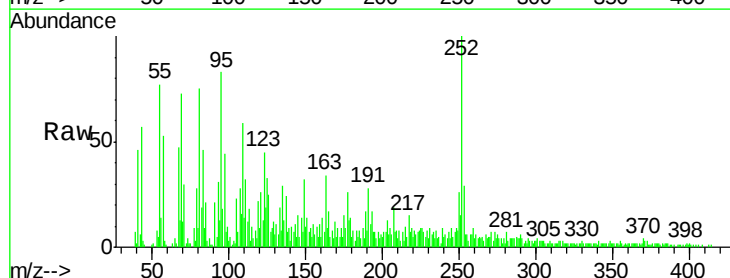
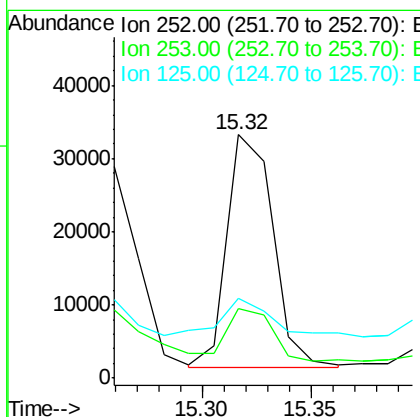
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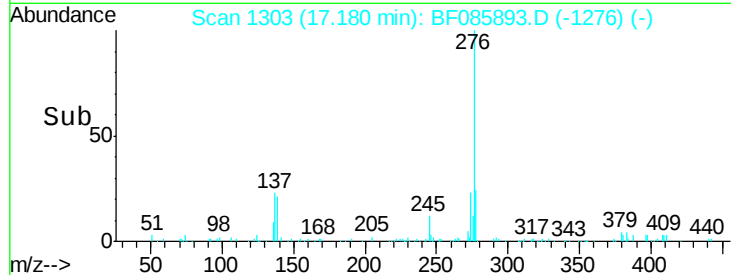
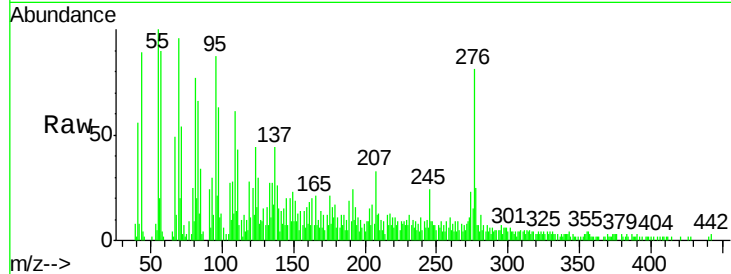
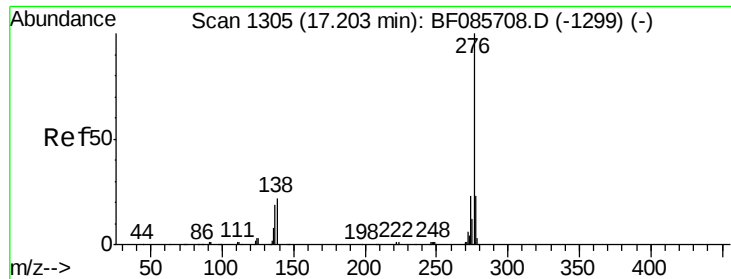
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#89
Benzo(a)pyrene
Concen: 4.55 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085893.D
Acq: 30 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.4	26.0#
125	33.0	10.3	15.5#





#91
 Benzo(g,h,i)perylene
 Concen: 2.70 ng
 RT: 17.18 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF085893.D
 Acq: 30 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.5	18.8	28.2#
138	32.7	22.6	34.0

Manual Integrations
 APPROVED

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