

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092965.D
 Acq On : 15 Feb 2017 21:47
 Operator : SJ/MA
 Sample : I1859-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FT

Manual Integrations
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 2/16/2017 11:37:52 AM

Quant Time: Feb 16 02:27:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	149430	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	599831	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	351538	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	573542	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	412799	20.00	ng	-0.03
86) Perylene-d12	15.46	264	325576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	930079	106.78	ng	-0.01
7) Phenol-d6	6.51	99	1225675	109.37	ng	-0.02
23) Nitrobenzene-d5	7.44	82	679451	63.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	257714	101.36	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1291909	66.58	ng	-0.01
78) Terphenyl-d14	12.98	244	1229567	69.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	248802	10.51	ng	99
70) Phenanthrene	11.41	178	300752	9.15	ng	97
71) Anthracene	11.46	178	80663	2.44	ng	97
74) Fluoranthene	12.60	202	461392	13.61	ng	93
77) Pyrene	12.83	202	373871	12.10	ng	98
80) Benzo(a)anthracene	14.01	228	182763	7.24	ng	99
82) Chrysene	14.04	228	131288m	5.55	ng	
85) Indeno(1,2,3-cd)pyrene	16.87	276	57710	3.15	ng	96
87) Benzo(b)fluoranthene	15.05	252	149792m	6.99	ng	
88) Benzo(k)fluoranthene	15.07	252	48028m	2.60	ng	
89) Benzo(a)pyrene	15.39	252	100861m	5.44	ng	
91) Benzo(g,h,i)perylene	17.29	276	54632	3.61	ng	# 91

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

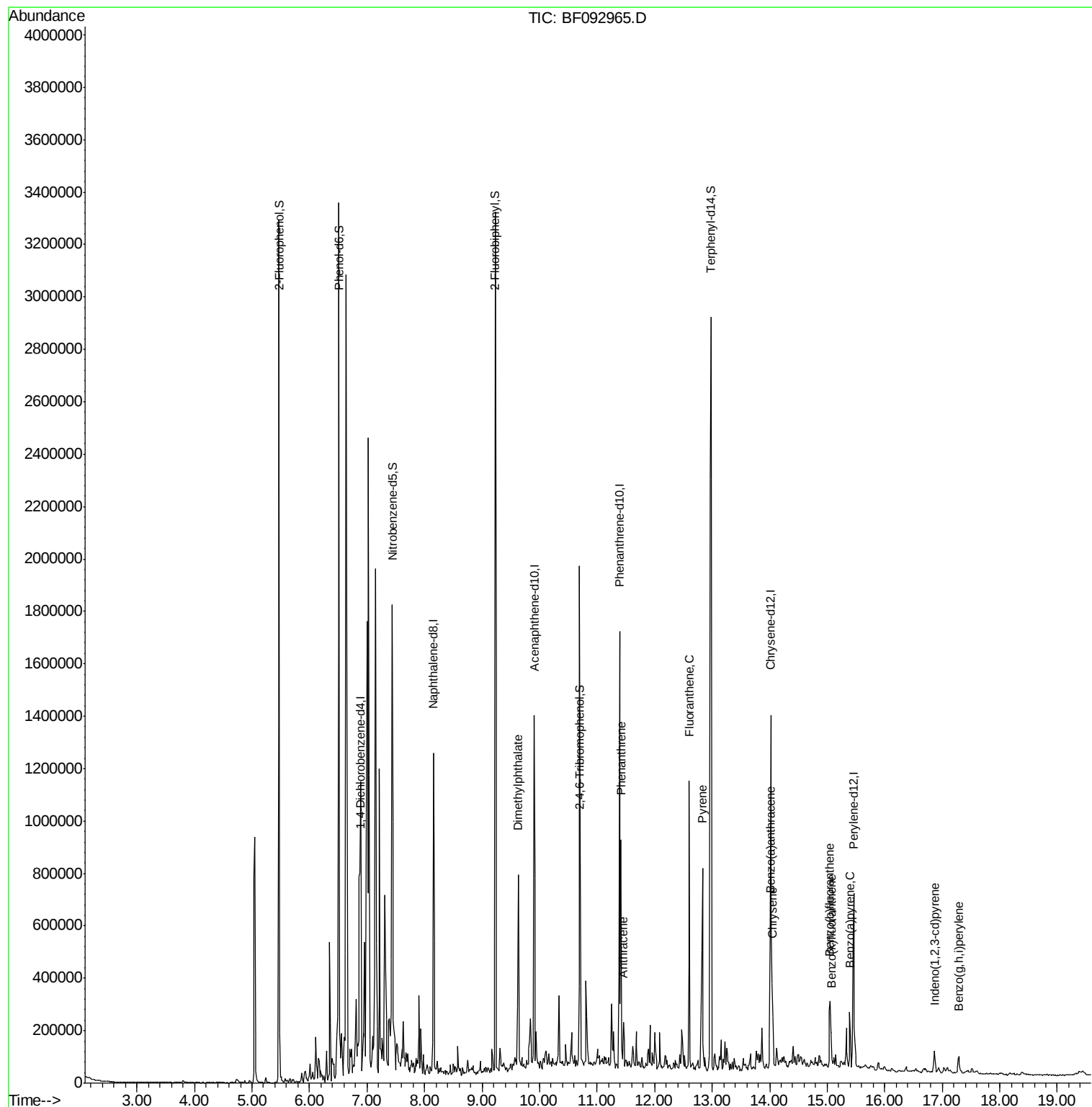
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
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ALS Vial : 17 Sample Multiplier: 1

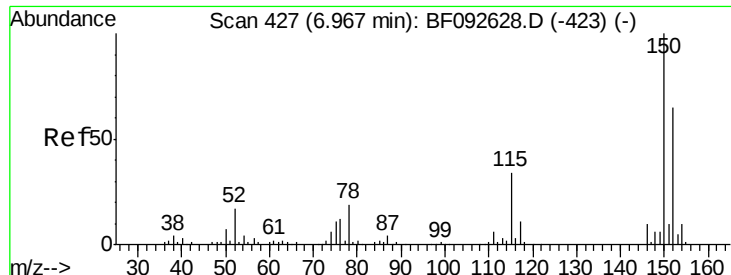
Instrument :
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280514-COMP-0-2FT

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#1

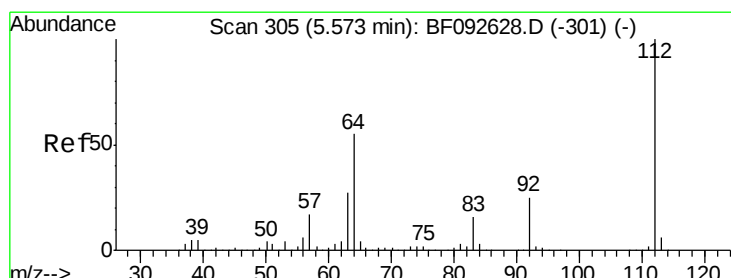
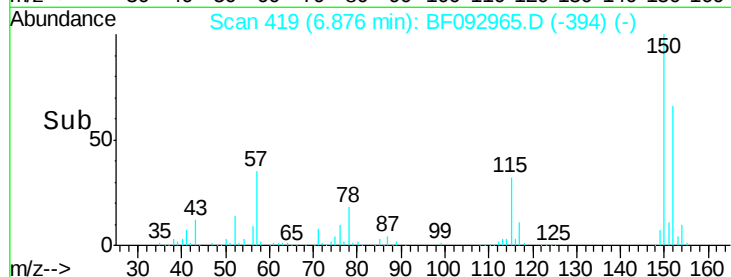
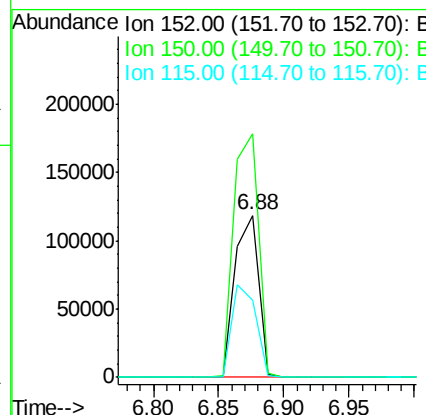
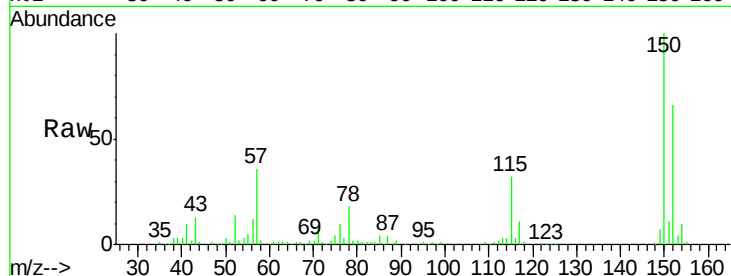
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	149430		
150	150.5	124.9	187.3	
115	47.8	46.0	69.0	

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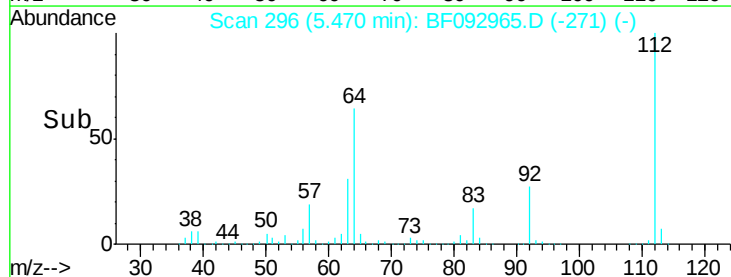
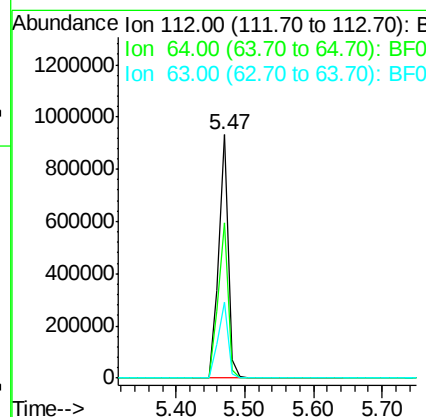
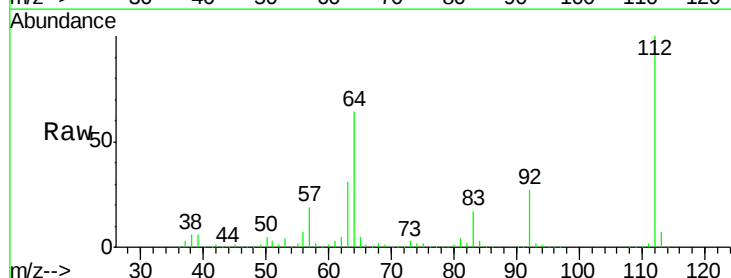
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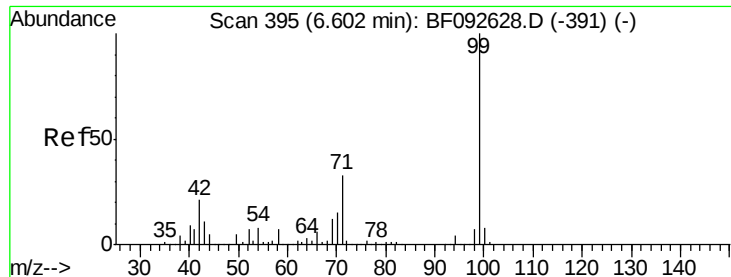


#5

2-Fluorophenol
Concen: 106.78 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	930079		
64	63.7	46.1	69.1	
63	31.3	23.8	35.6	





#7

Phenol-d6

Concen: 109.37 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Instrument :

BNA_F

ClientSampleId :

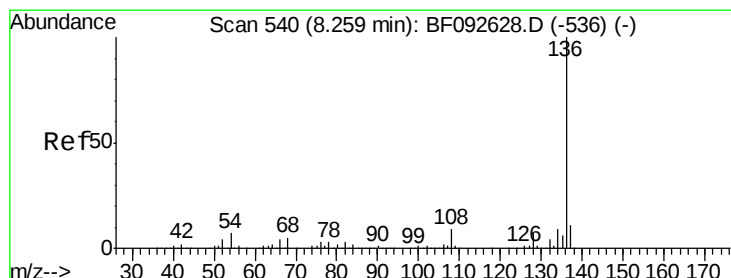
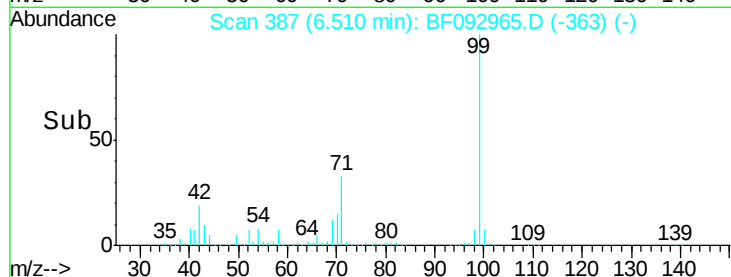
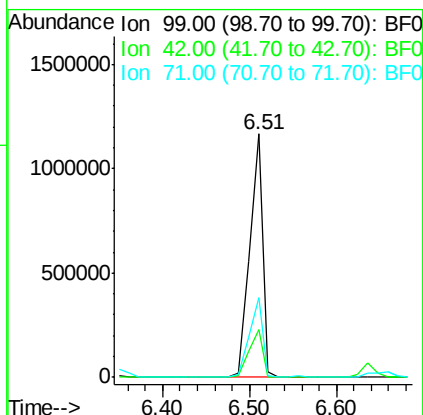
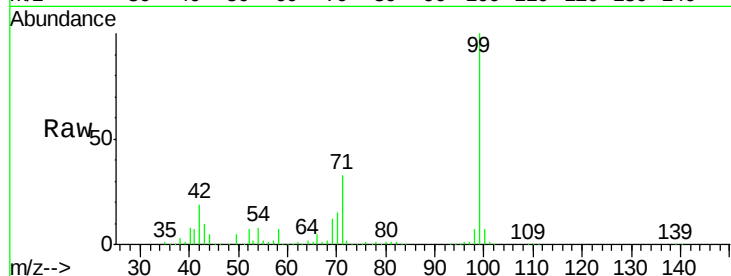
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Tgt Ion: 99 Resp: 1225675

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	32.6	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

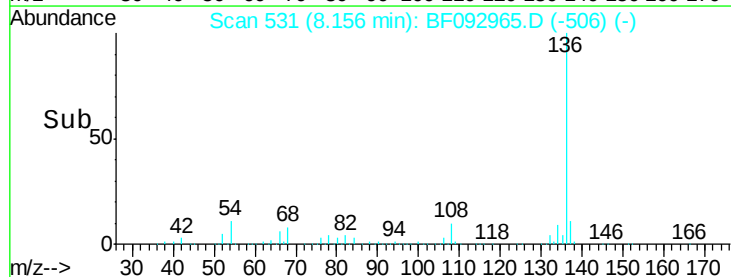
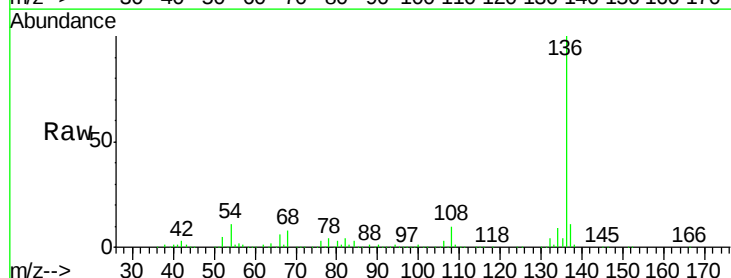
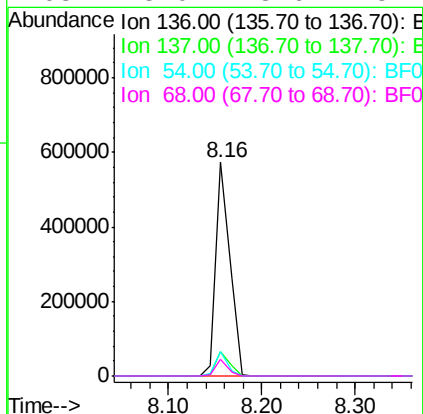
Delta R.T. -0.01 min

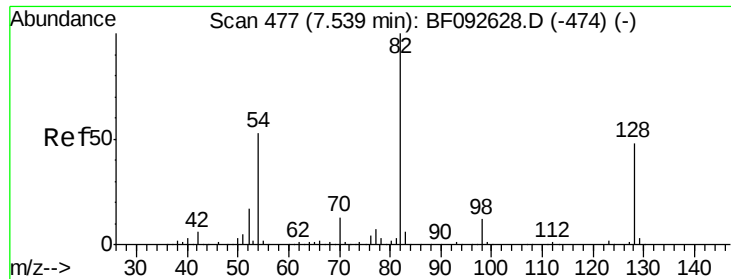
Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Tgt Ion: 136 Resp: 599831

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.2	4.5	6.7#
68	8.0	3.6	5.4#





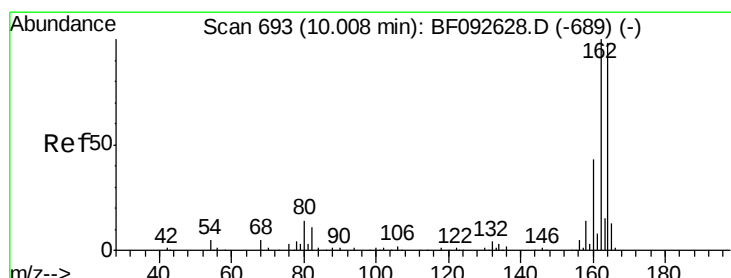
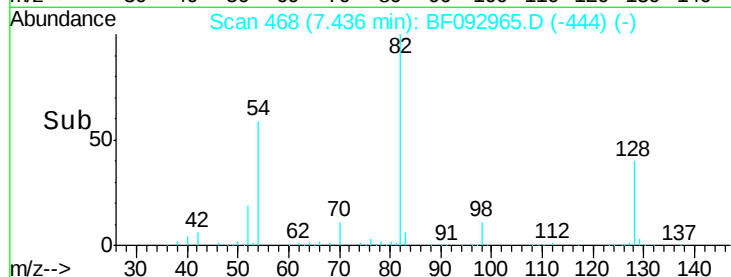
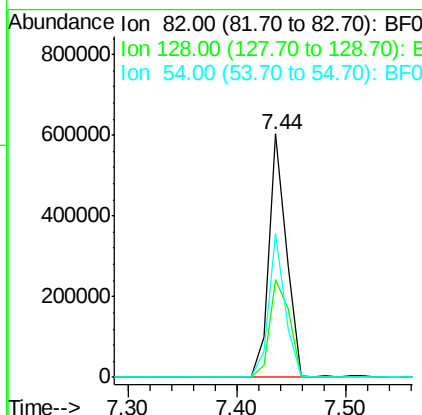
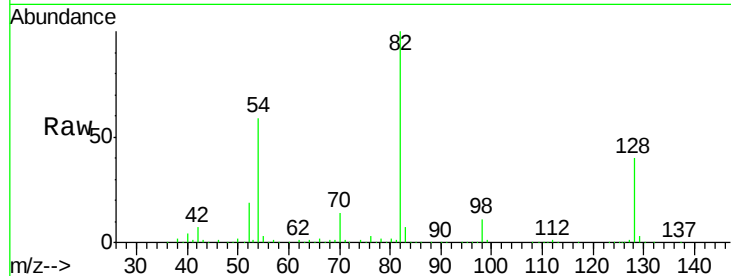
#23
 Nitrobenzene-d5
 Concen: 63.08 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092965.D
 Acq: 15 Feb 2017 21:47

Instrument :
 BNA_F
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 280514-COMP-0-2FT

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.6	52.0
54	59.0	39.5	59.3

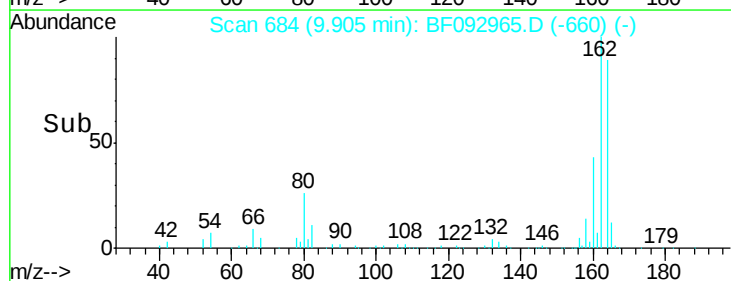
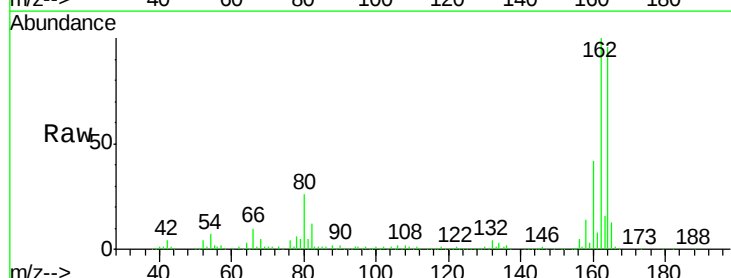
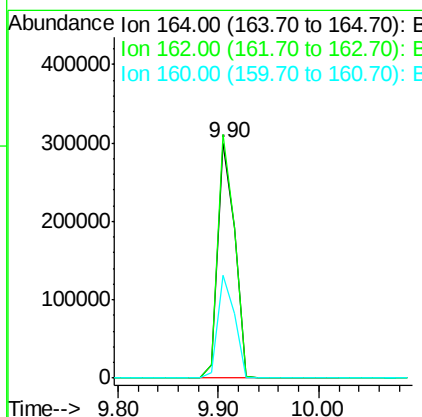
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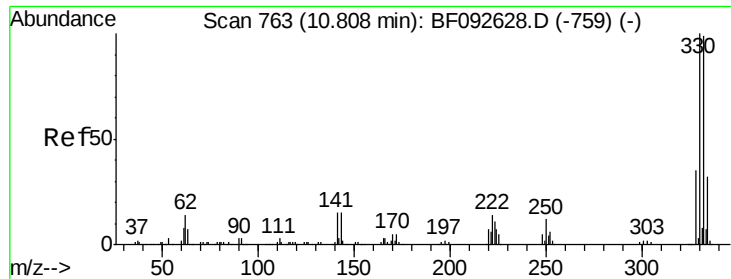
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092965.D
 Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.2	120.2
160	43.6	36.9	55.3





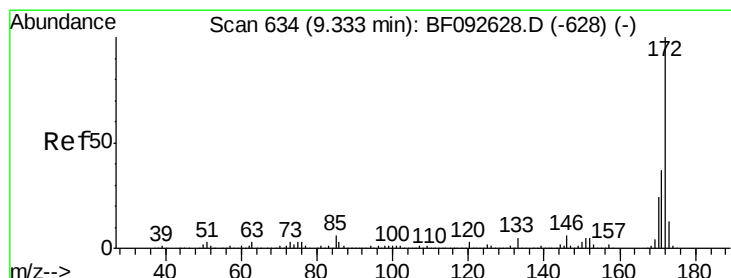
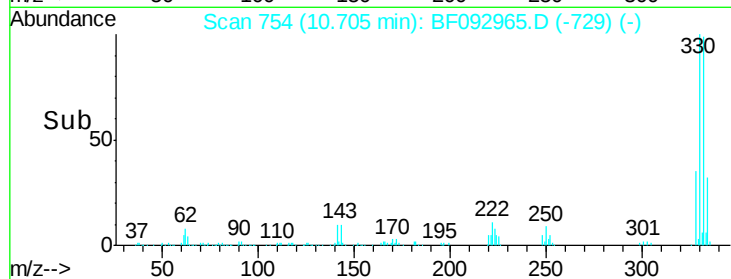
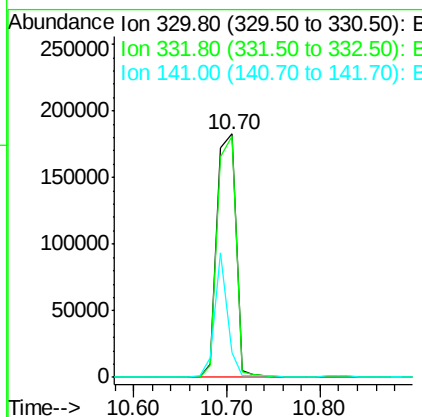
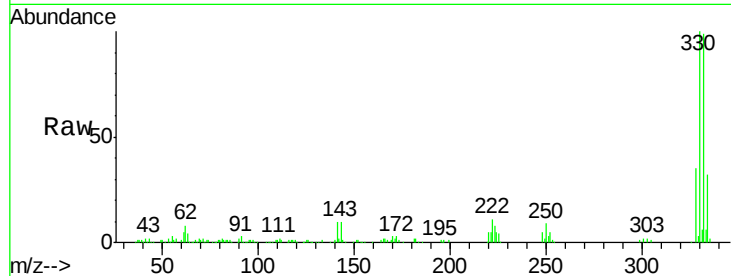
#41
 2,4,6-Tribromophenol
 Concen: 101.36 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092965.D
 Acq: 15 Feb 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FT

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	257714		
332	97.6	77.4	116.2	
141	34.8	34.1	51.1	

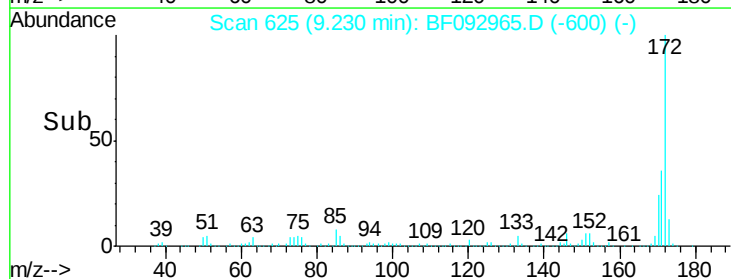
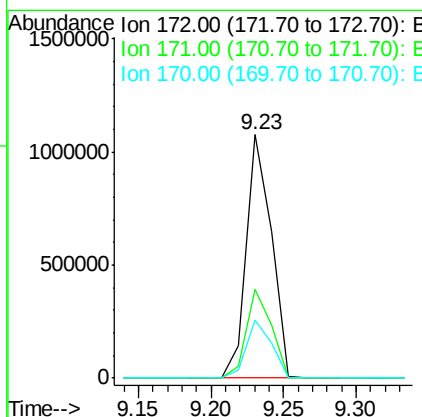
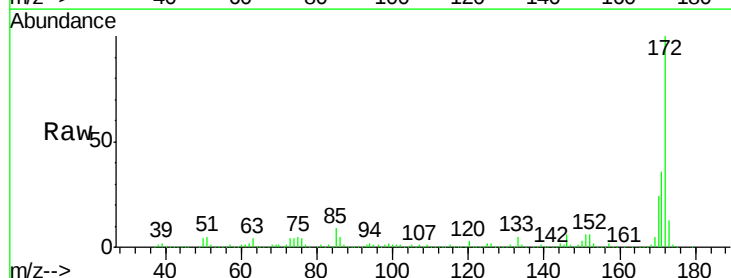
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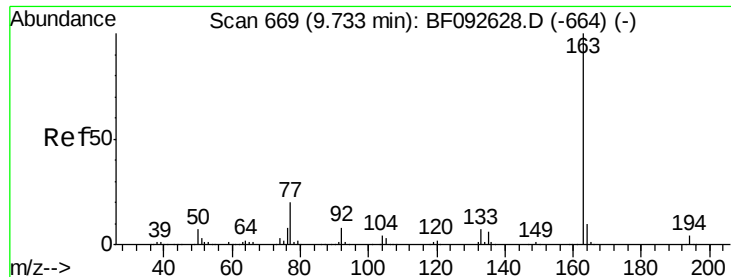
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#44
 2-Fluorobiphenyl
 Concen: 66.58 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092965.D
 Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1291909		
171	36.2	29.4	44.0	
170	24.0	20.2	30.4	





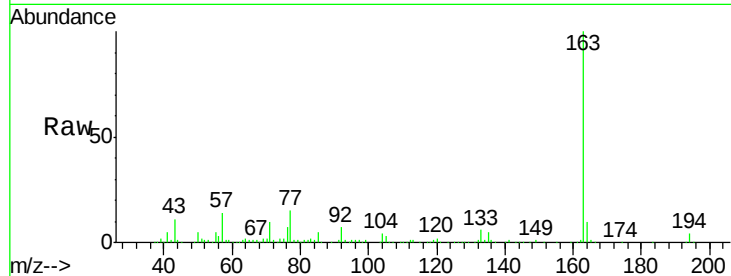
#49
Dimethylphthalate
Concen: 10.51 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

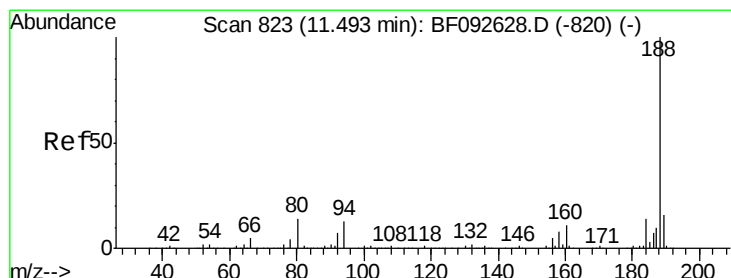
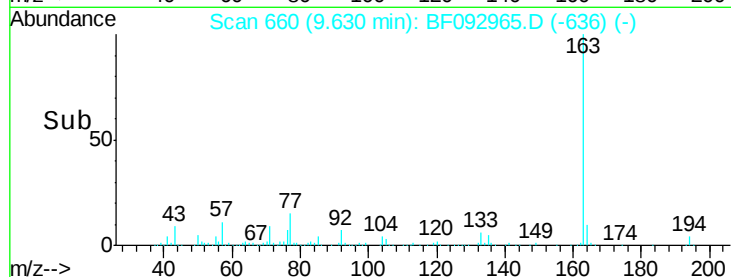
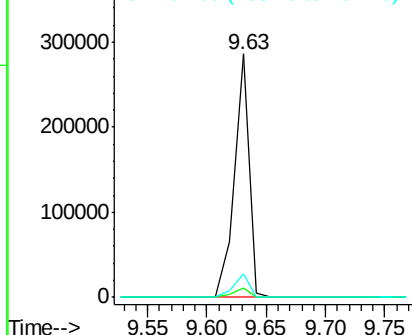
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	248802		
194	3.9		3.0	4.4
164	9.5		8.0	12.0

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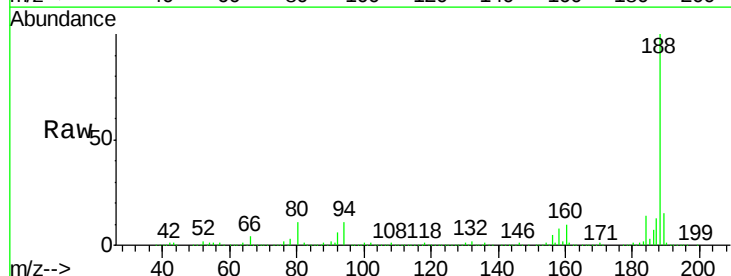


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

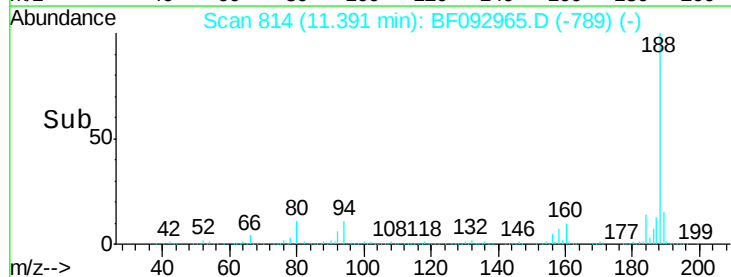
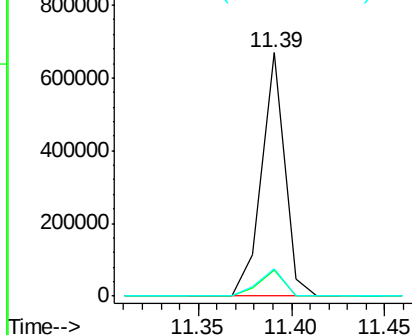


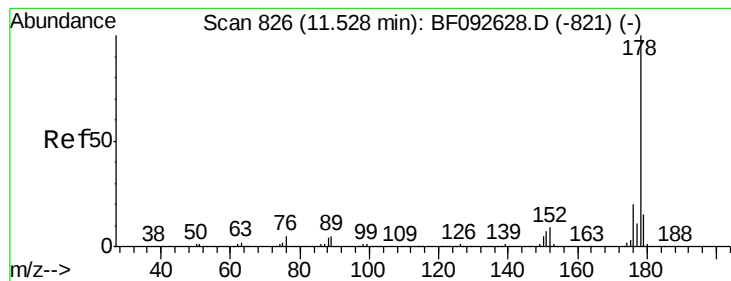
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	573542		
94	10.9		10.0	15.0
80	11.4		11.2	16.8



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: 9.15 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Instrument :

BNA_F

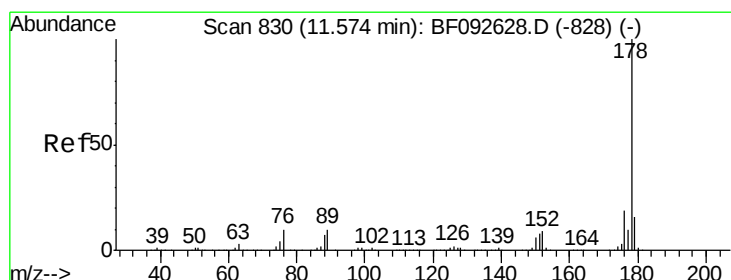
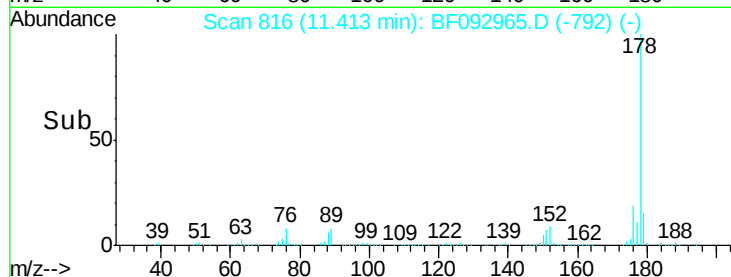
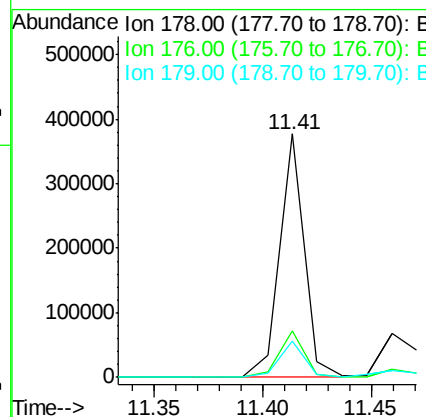
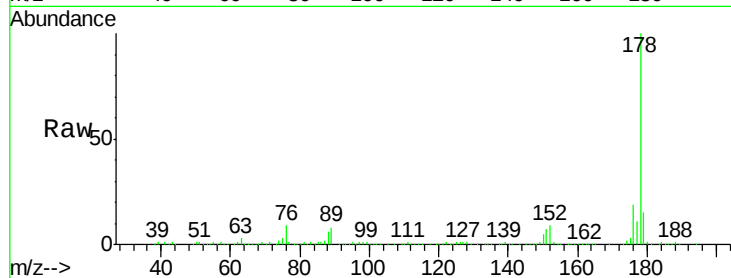
ClientSampleId :

280514-COMP-0-2FT

Tgt Ion:	178	Resp:	300752
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.6	25.0
179	15.1	12.8	19.2

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#71

Anthracene

Concen: 2.44 ng

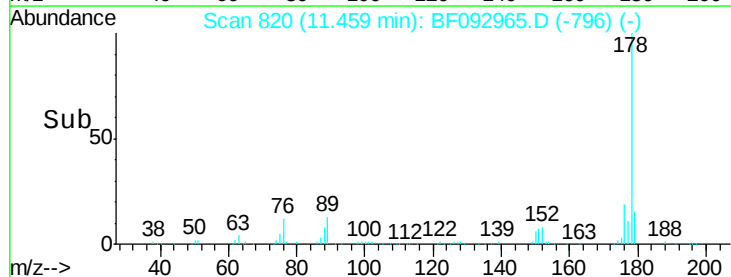
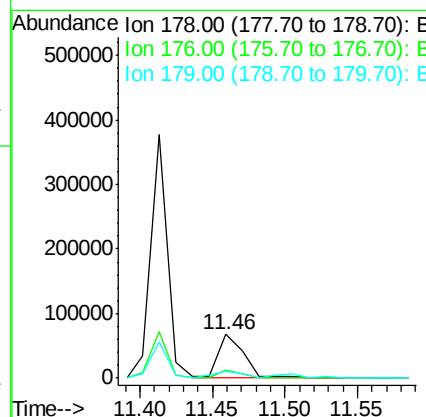
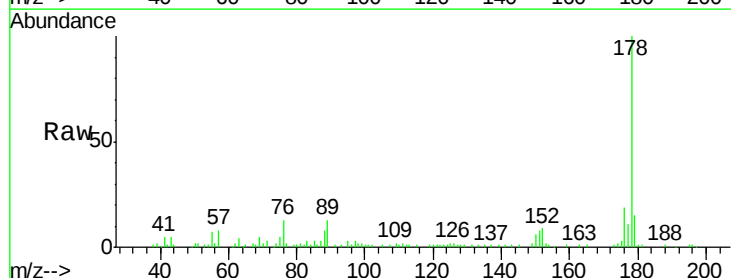
RT: 11.46 min Scan# 820

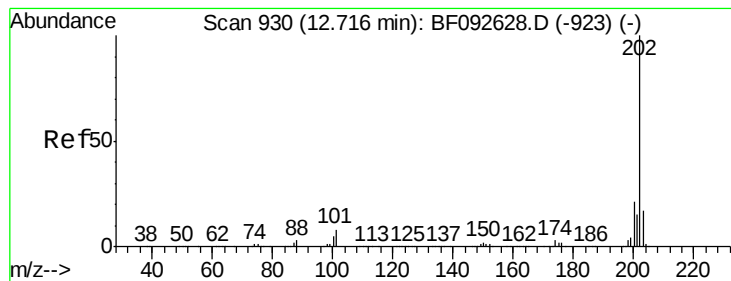
Delta R.T. -0.02 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Tgt Ion:	178	Resp:	80663
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.9	23.9
179	15.0	13.2	19.8





#74

Fluoranthene

Concen: 13.61 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Instrument :

BNA_F

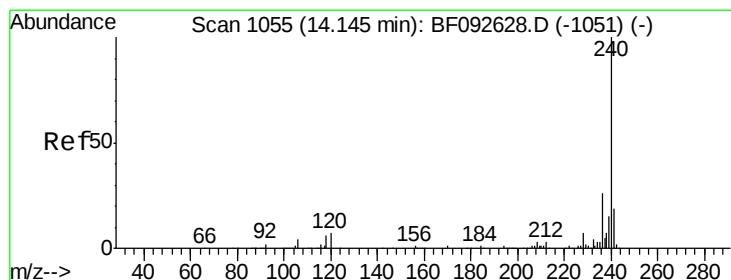
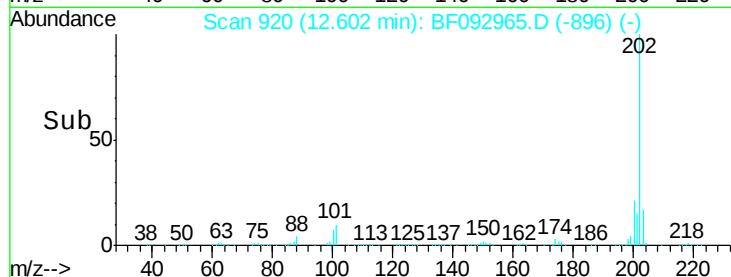
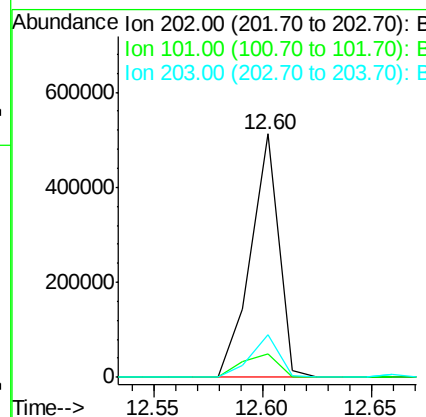
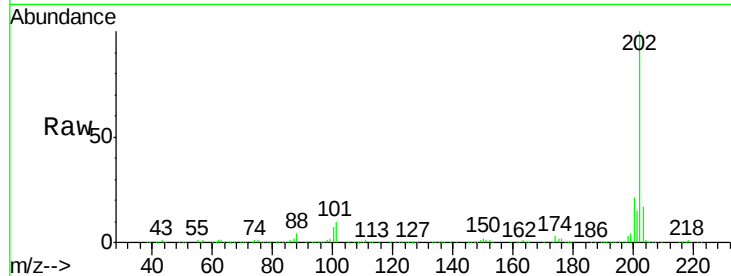
ClientSampleId :

280514-COMP-0-2FT

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		461392		
101	9.8	0.0	34.6		
203	17.3	0.0	38.7		

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#75

Chrysene-d12

Concen: 20.00 ng

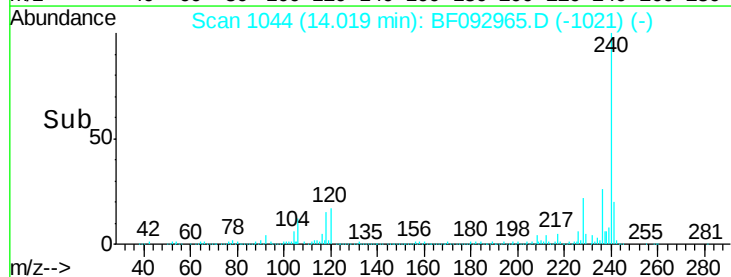
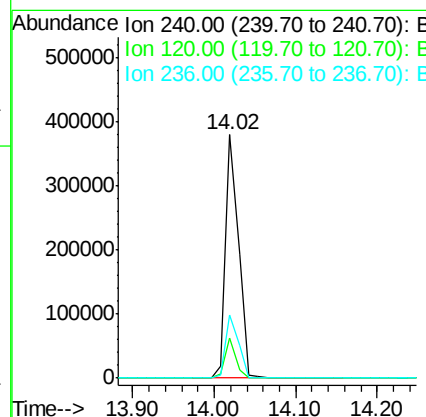
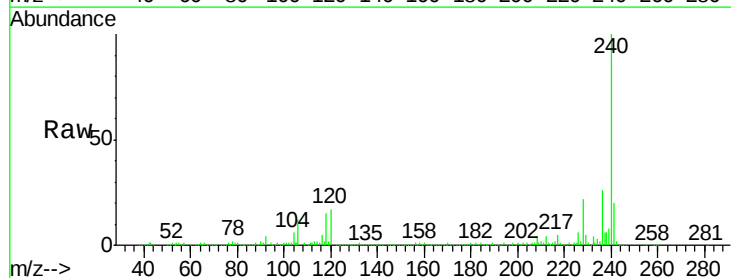
RT: 14.02 min Scan# 1044

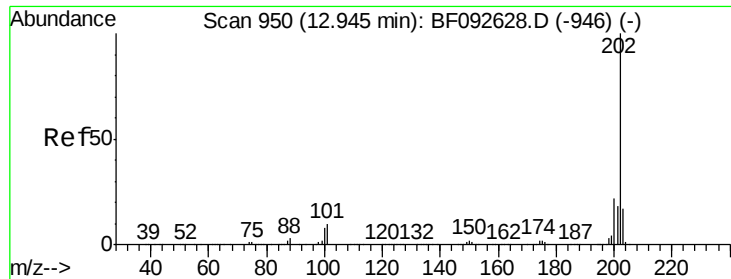
Delta R.T. -0.03 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		412799		
120	16.6	12.9	19.3		
236	25.8	20.9	31.3		





#77

Pyrene

Concen: 12.10 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Instrument :

BNA_F

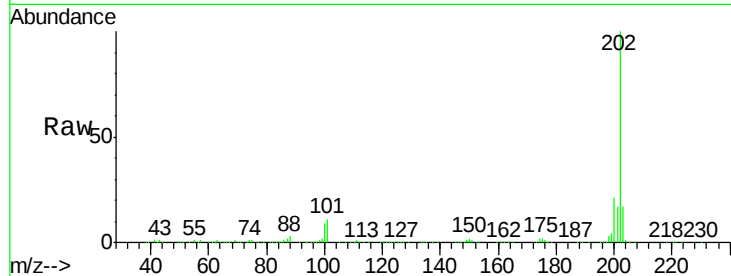
ClientSampleId :

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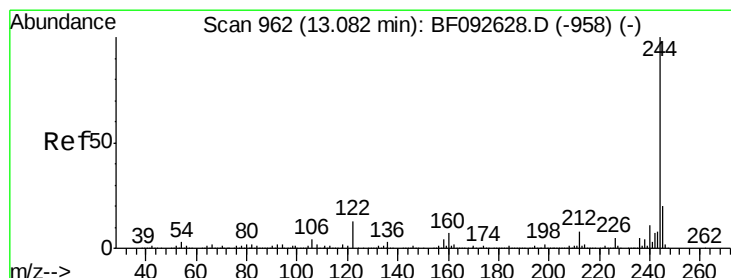
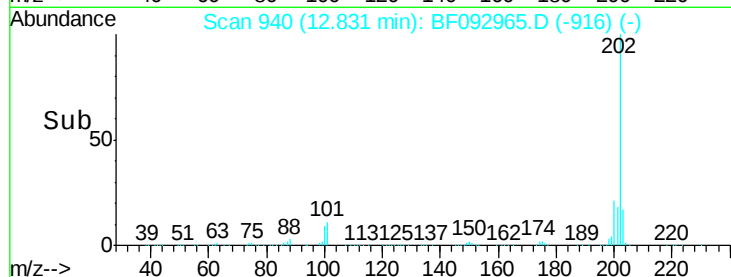
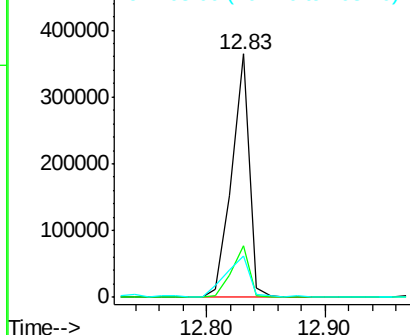
Tgt Ion:	202	Resp:	373871
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	17.1	14.7	22.1

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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: 69.99 ng

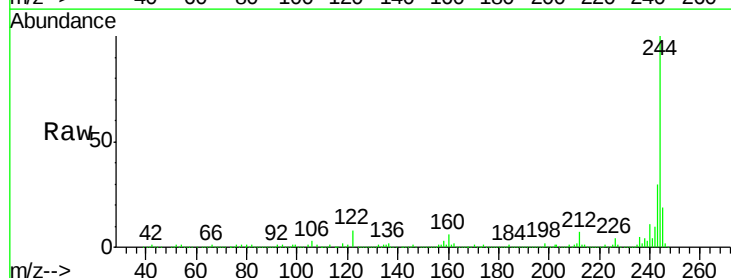
RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

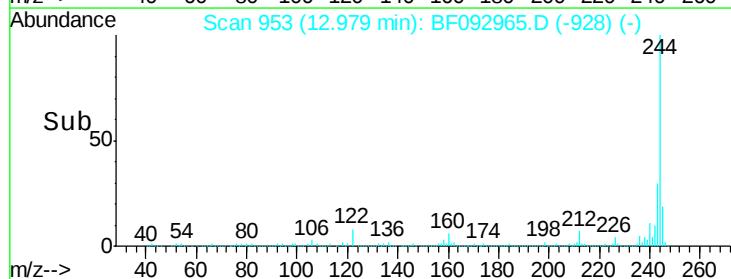
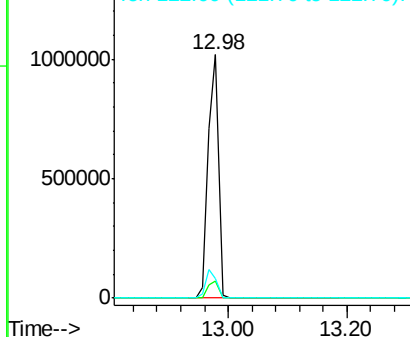
Lab File: BF092965.D

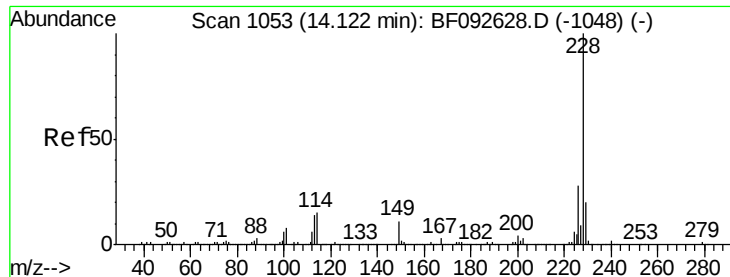
Acq: 15 Feb 2017 21:47

Tgt Ion:	244	Resp:	1229567
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.2	9.2
122	8.1	11.4	17.2



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: 7.24 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Instrument :

BNA_F

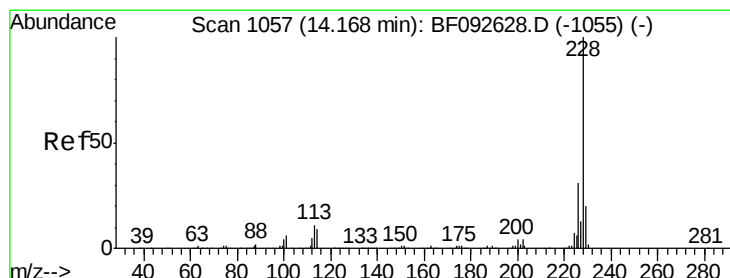
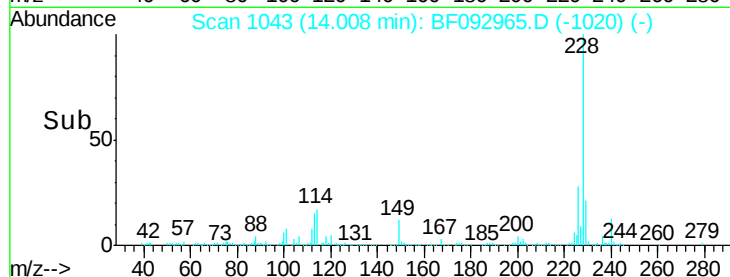
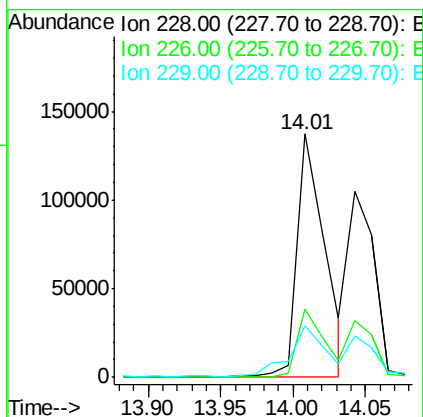
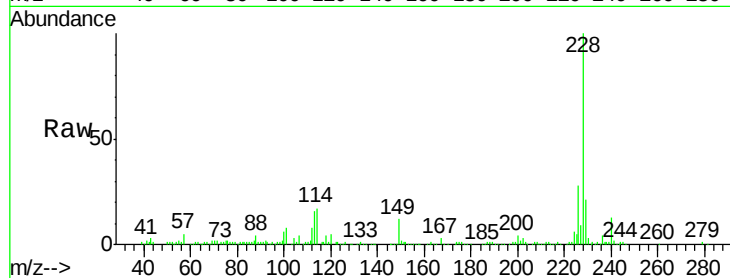
ClientSampleId :

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Tgt Ion:	228	Resp:	182763
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.4	33.6
229	20.9	16.2	24.4

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#82

Chrysene

Concen: 5.55 ng m

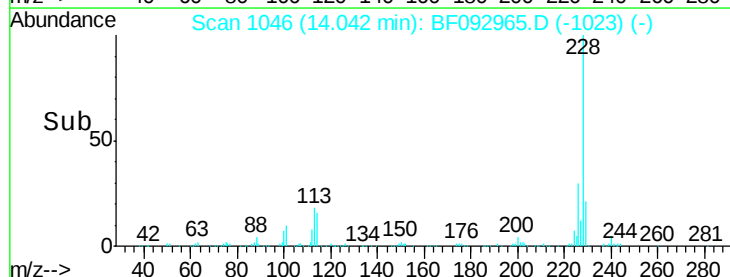
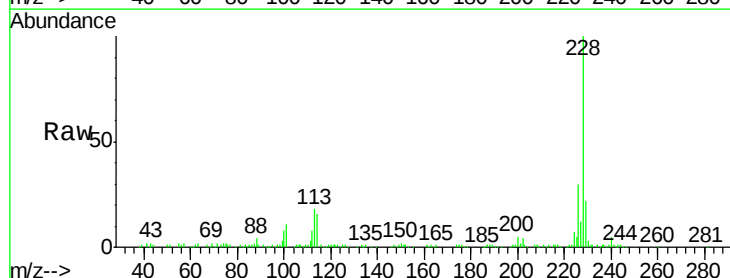
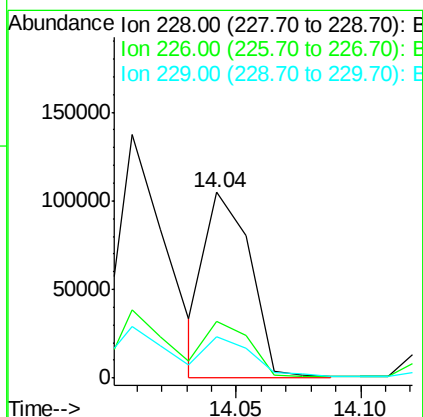
RT: 14.04 min Scan# 1046

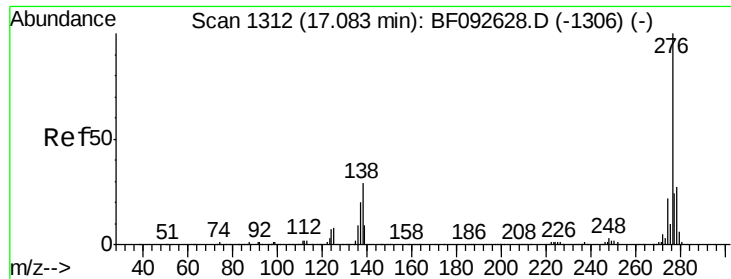
Delta R.T. -0.03 min

Lab File: BF092965.D

Acq: 15 Feb 2017 21:47

Tgt Ion:	228	Resp:	131288
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.4	38.0
229	22.4	16.2	24.2





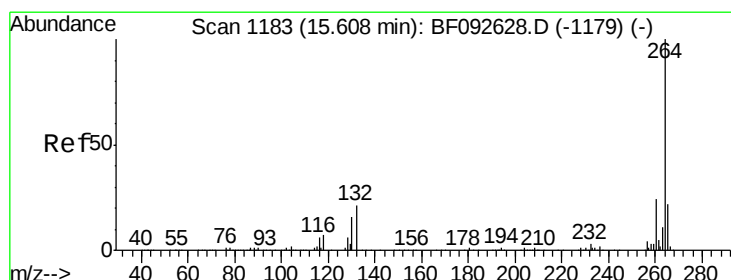
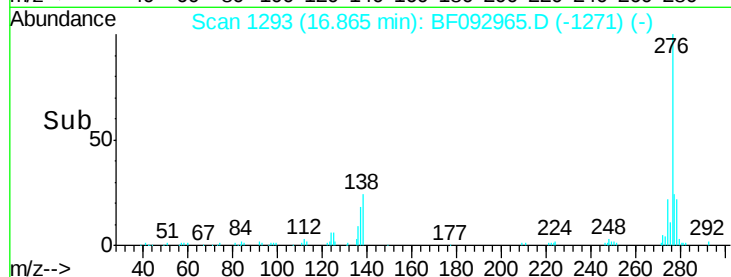
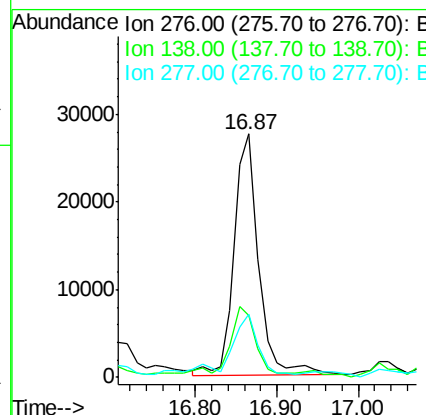
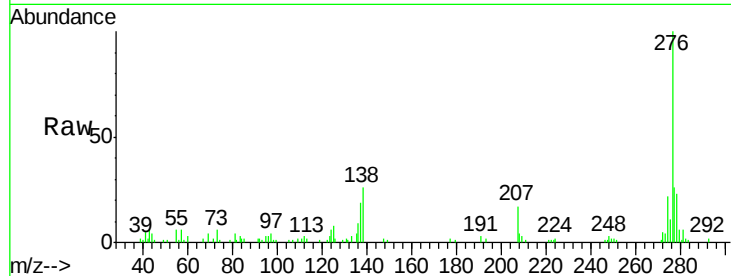
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.15 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.8	32.6
277	28.6	20.2	30.4

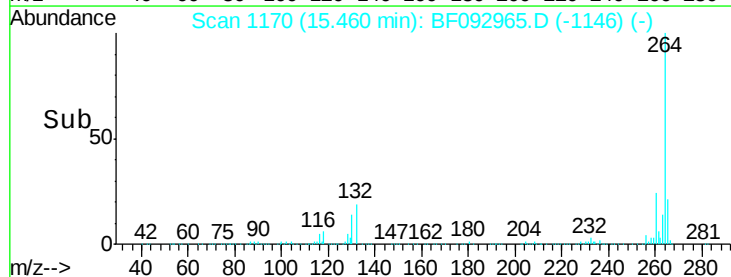
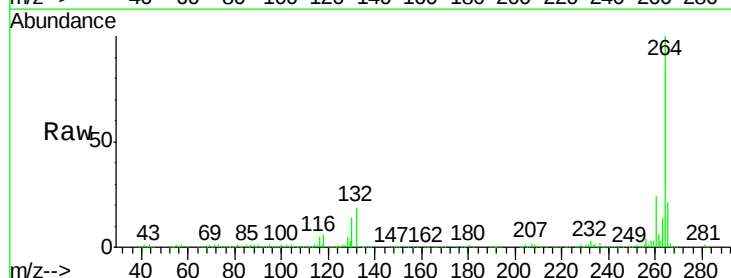
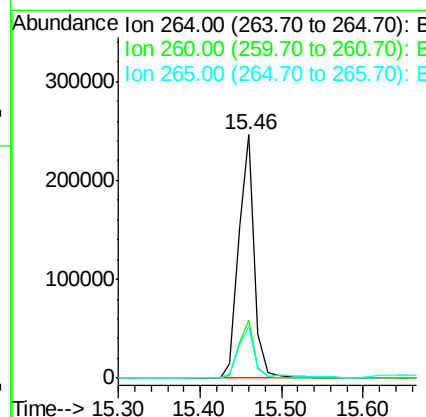
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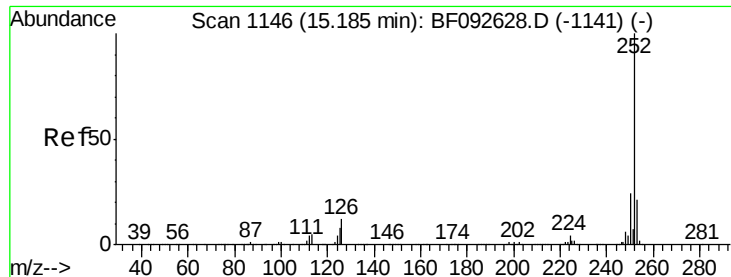
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.4	26.0





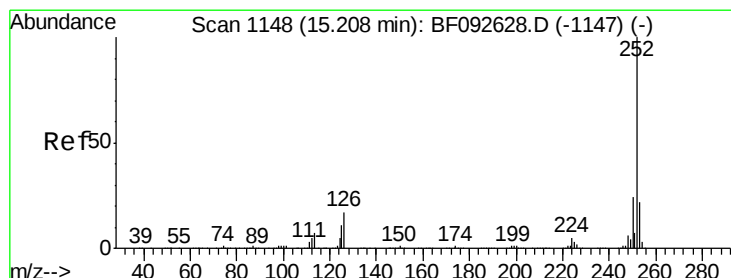
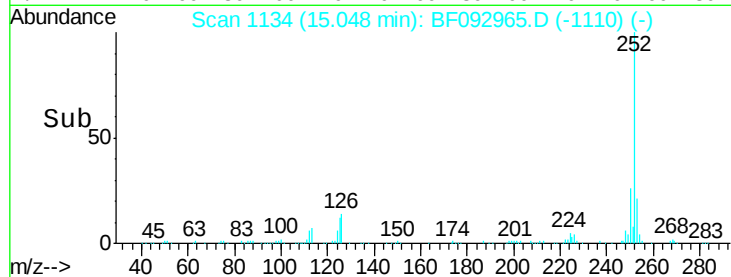
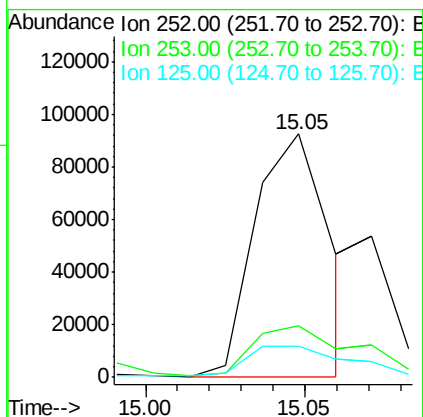
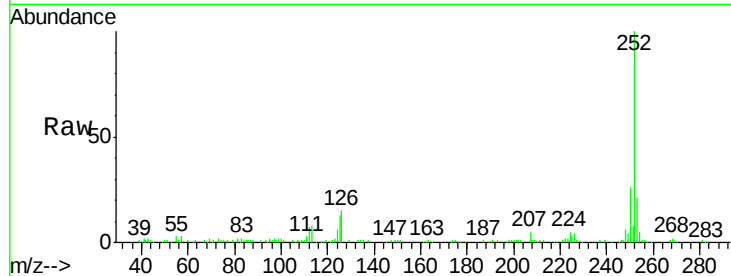
#87
Benzo(b)fluoranthene
Concen: 6.99 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	12.9	9.8	14.6

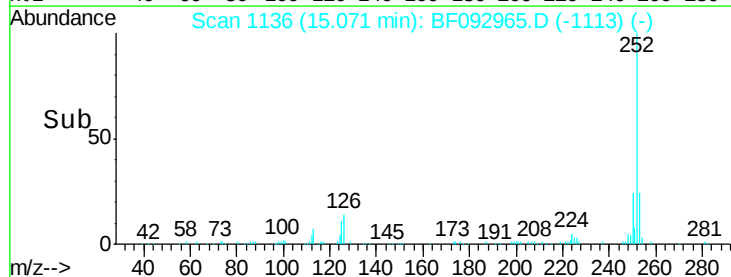
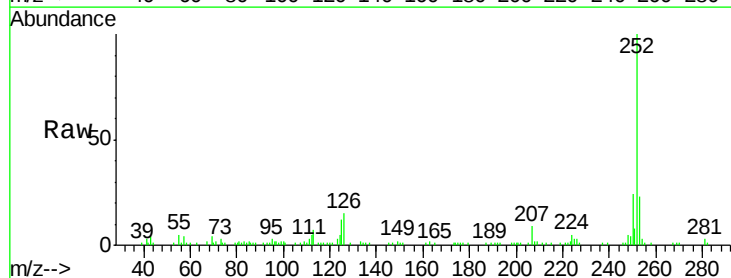
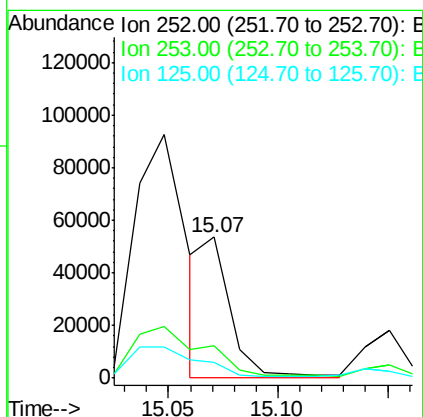
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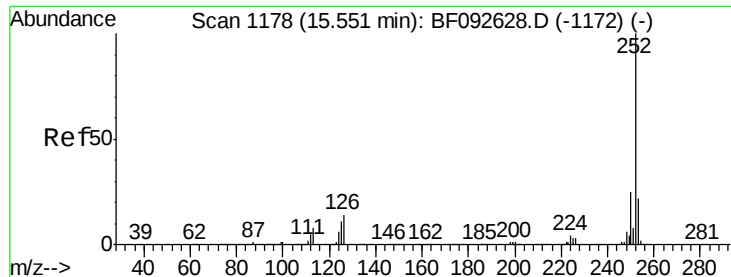
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#88
Benzo(k)fluoranthene
Concen: 2.60 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	11.6	8.9	13.3





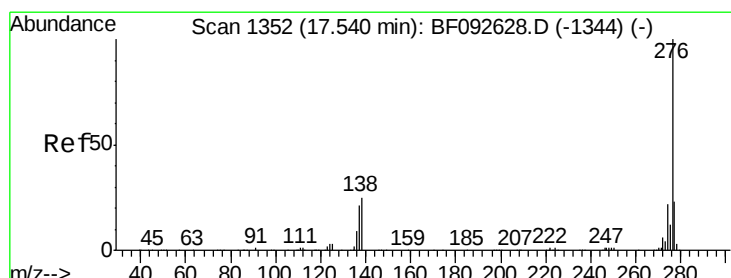
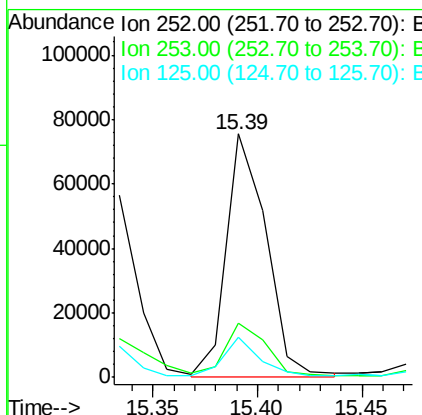
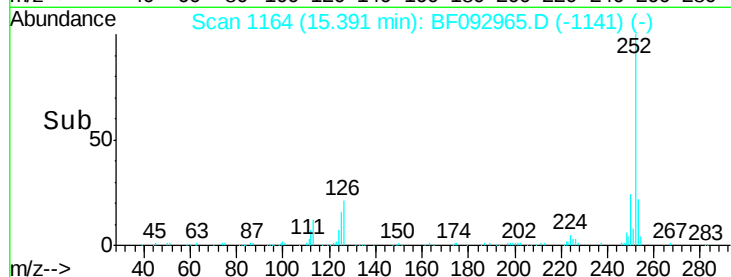
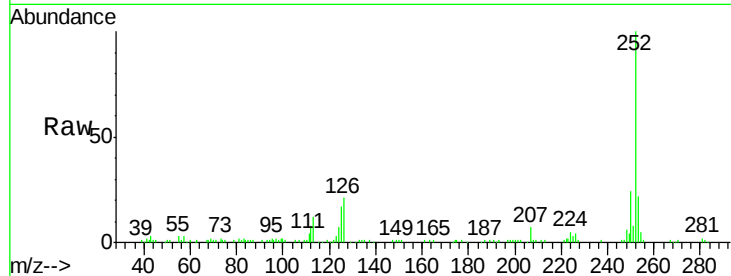
#89
Benzo(a)pyrene
Concen: 5.44 ng m
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	18.2	27.2
125	16.6	10.0	15.0#

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#91
Benzo(g,h,i)perylene
Concen: 3.61 ng
RT: 17.29 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF092965.D
Acq: 15 Feb 2017 21:47

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.9	19.2	28.8
138	27.7	16.0	24.0#

