

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092901.D
 Acq On : 10 Feb 2017 23:34
 Operator : SJ/MA
 Sample : I1777-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-01-0-2

Manual Integrations
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Quant Time: Feb 11 00:36:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163023	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	702071	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	402935	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	682077	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	494566	20.00	ng	-0.01
86) Perylene-d12	15.51	264	381669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1191540	125.40	ng	0.01
7) Phenol-d6	6.53	99	1302728	106.55	ng	0.00
23) Nitrobenzene-d5	7.46	82	869319	68.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	334428	114.76	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1511264	67.95	ng	-0.01
78) Terphenyl-d14	13.00	244	1383855	65.75	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	94170	6.58	ng	Qvalue # 73
49) Dimethylphthalate	9.65	163	132058	4.87	ng	98
74) Fluoranthene	12.63	202	164061	4.07	ng	97
77) Pyrene	12.85	202	151317	4.09	ng	100
80) Benzo(a)anthracene	14.04	228	81902	2.71	ng	98
82) Chrysene	14.08	228	61650m	2.18	ng	
87) Benzo(b)fluoranthene	15.08	252	67029m	2.67	ng	
89) Benzo(a)pyrene	15.44	252	49854	2.29	ng	96

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

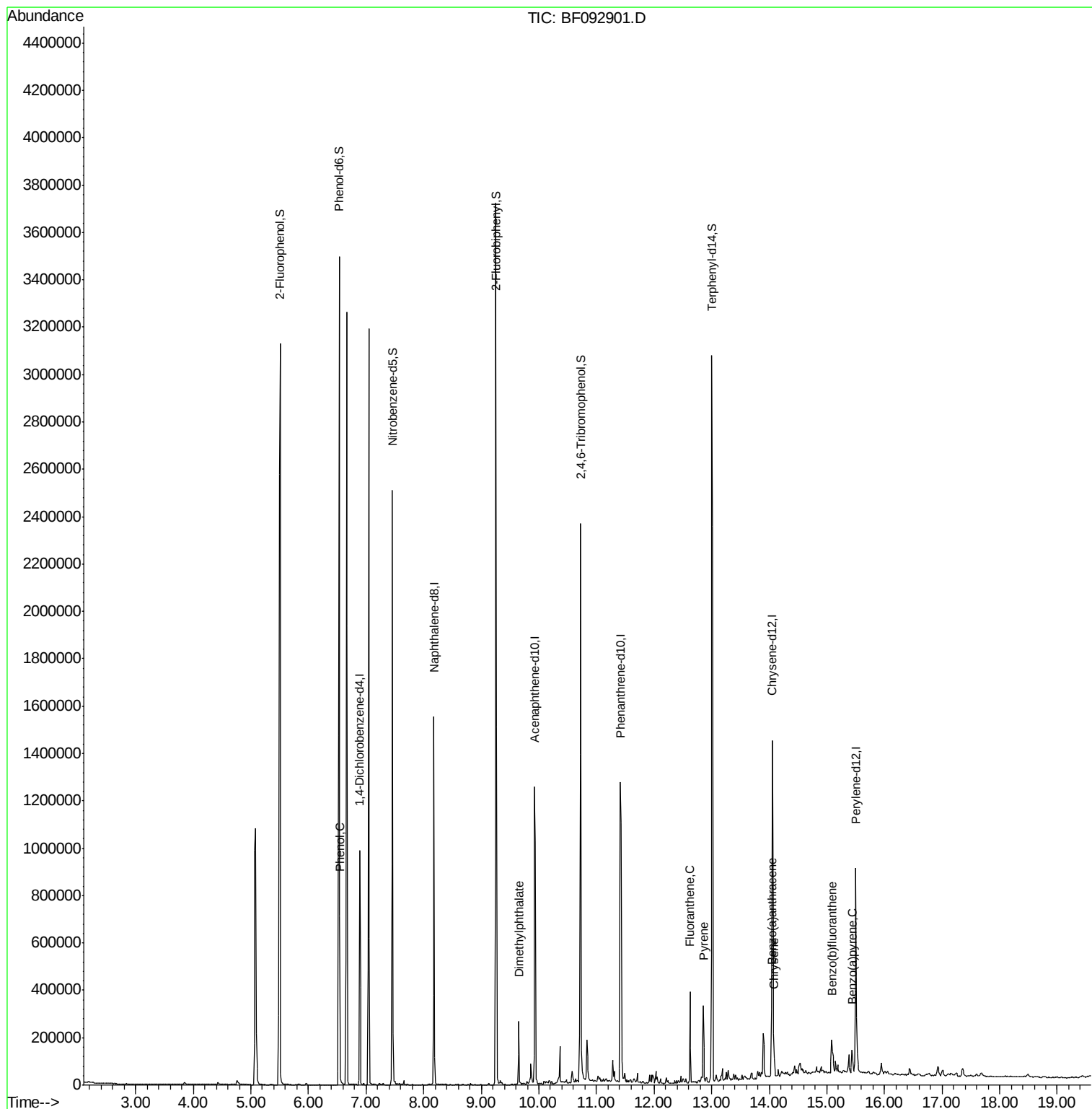
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092901.D
Acq On : 10 Feb 2017 23:34
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Misc :
ALS Vial : 21 Sample Multiplier: 1

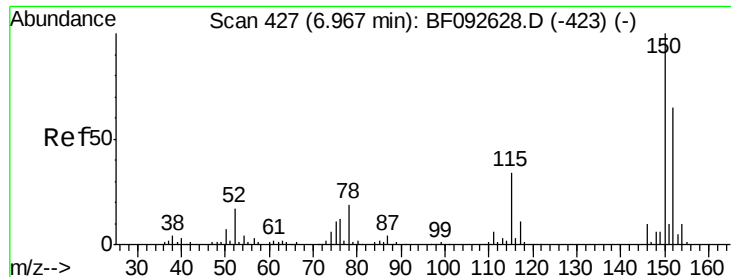
Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

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Quant Time: Feb 11 00:36:12 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

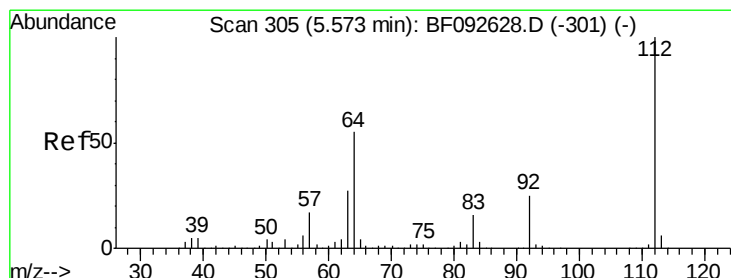
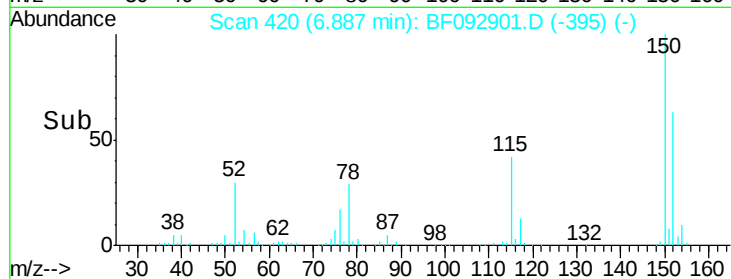
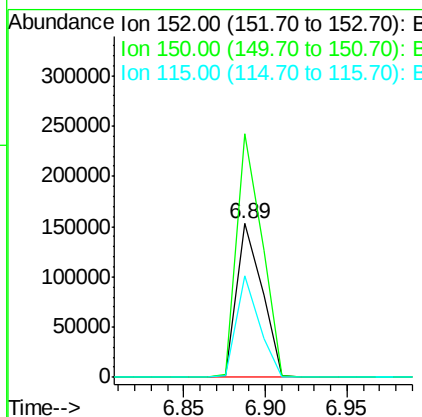
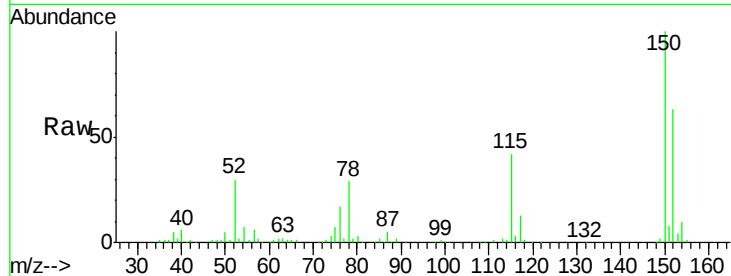
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.9	187.3
115	66.0	46.0	69.0

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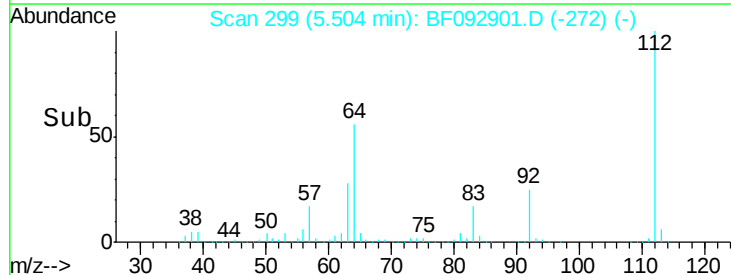
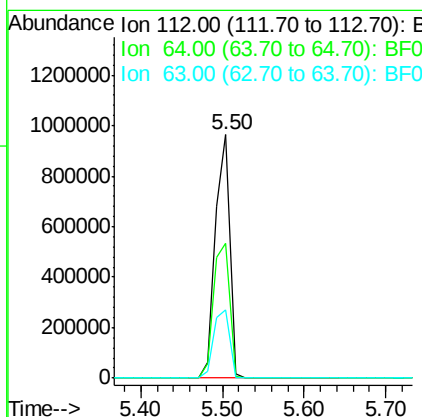
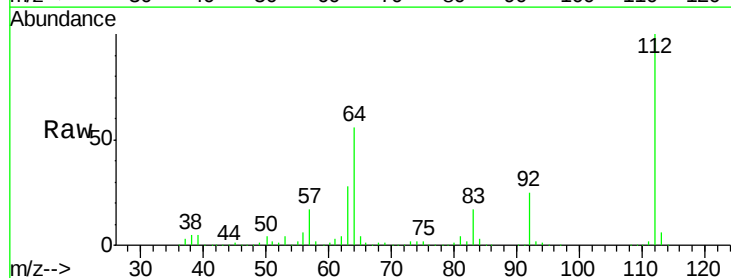
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#5

2-Fluorophenol
Concen: 125.40 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.1	69.1
63	27.8	23.8	35.6





#7

Phenol-d6

Concen: 106.55 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Instrument :

BNA_F

ClientSampleId :

38-SB-01-0-2

Tgt Ion: 99 Resp: 1302728

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

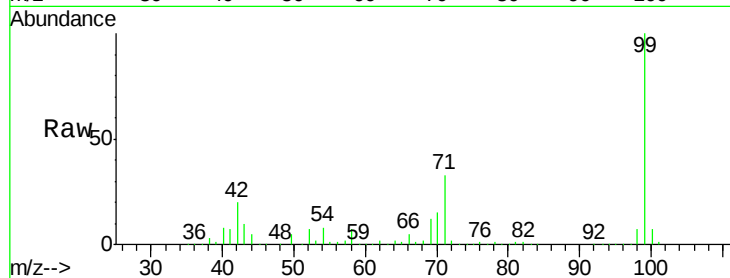
71 33.4 27.5 41.3

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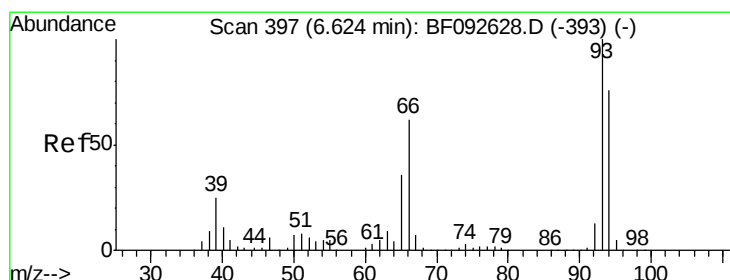
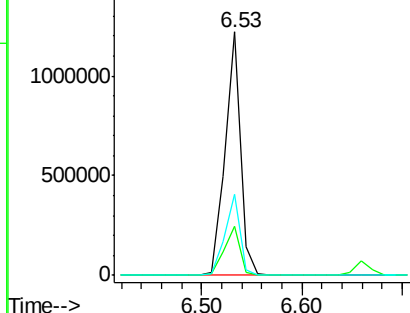
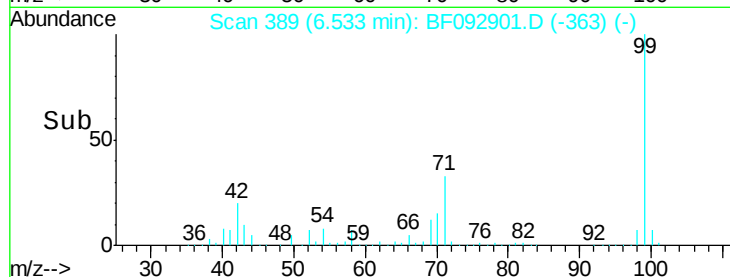
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.58 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

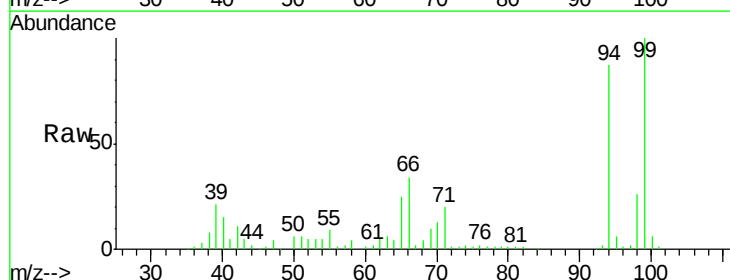
Tgt Ion: 94 Resp: 94170

Ion Ratio Lower Upper

94 100

65 28.7 21.4 61.4

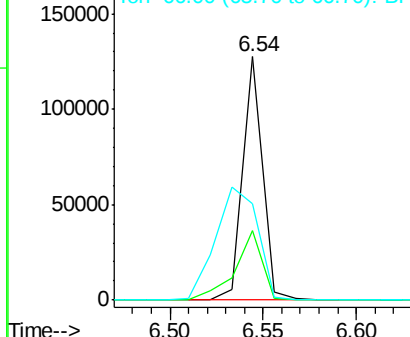
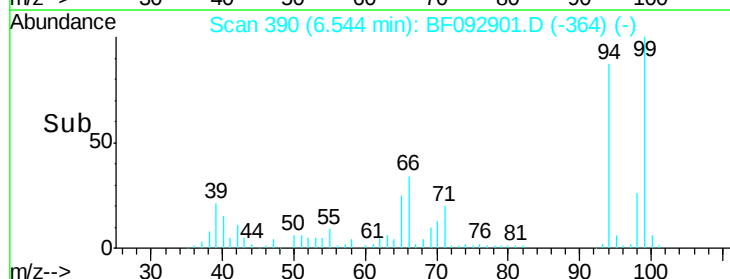
66 39.4 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





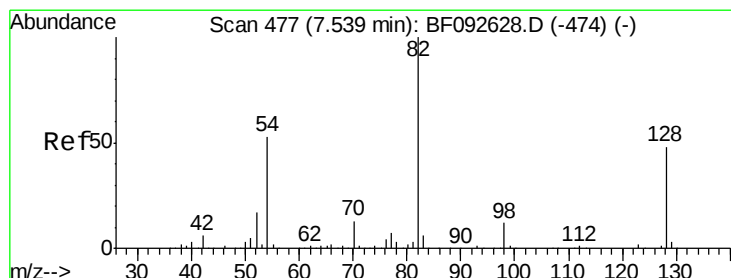
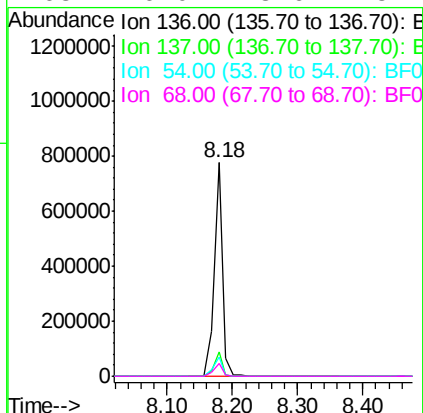
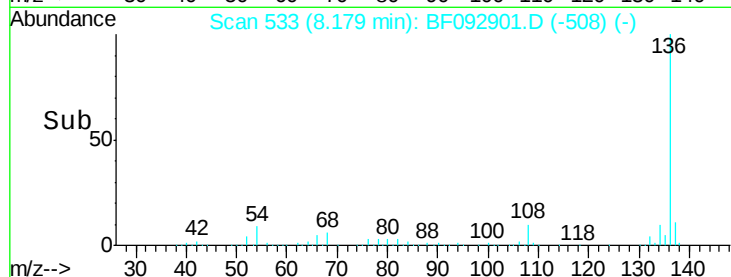
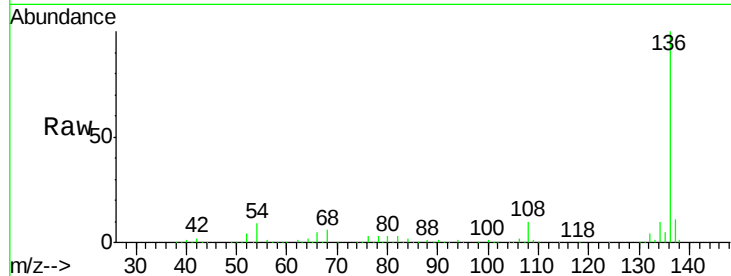
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	702071		
137	11.1	8.4	12.6	
54	9.2	4.5	6.7#	
68	6.0	3.6	5.4#	

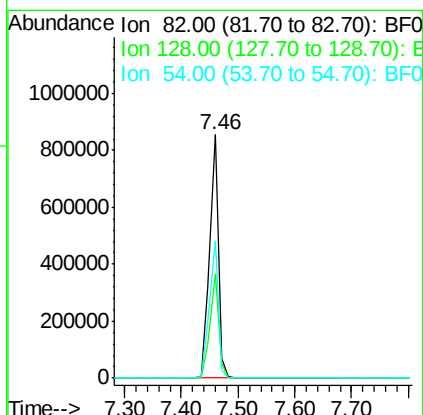
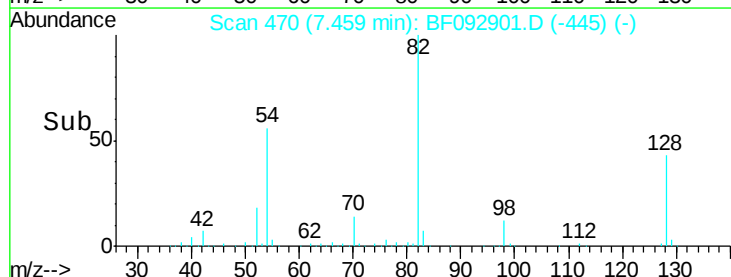
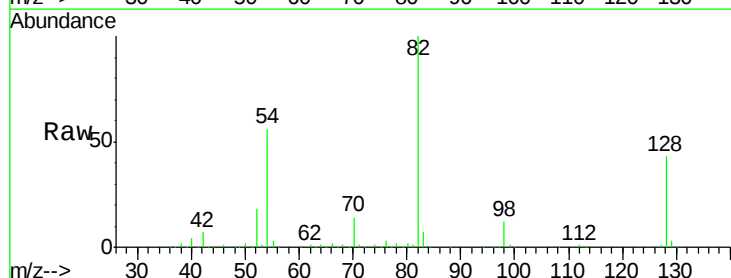
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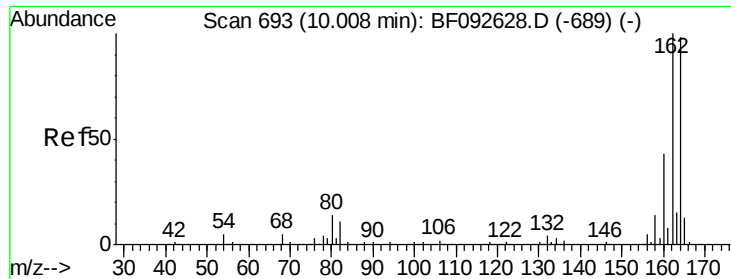
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#23
Nitrobenzene-d5
Concen: 68.95 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	869319		
128	42.6	34.6	52.0	
54	56.4	39.5	59.3	





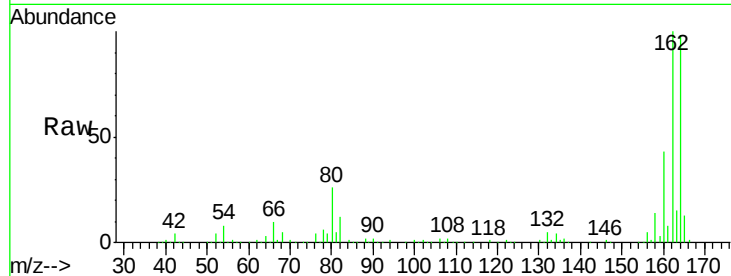
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF092901.D
 Acq: 10 Feb 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-01-0-2

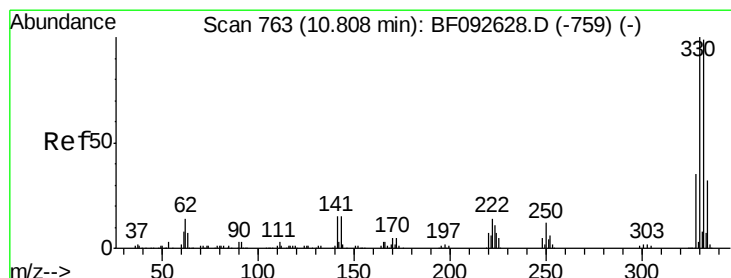
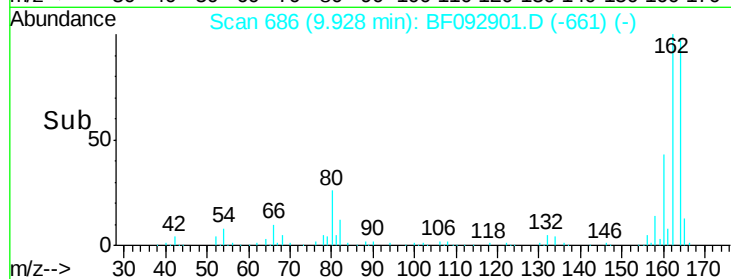
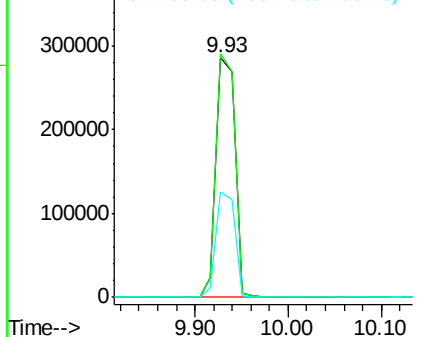
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	402935		
162	101.7	80.2	120.2	
160	43.8	36.9	55.3	

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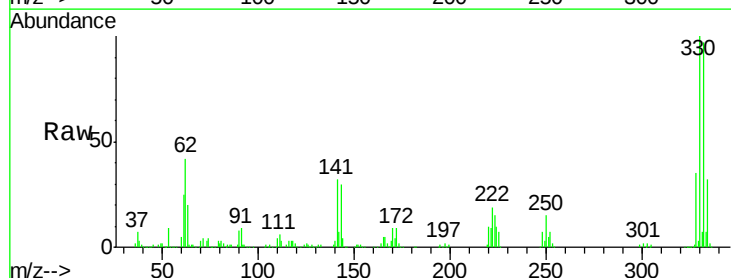


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

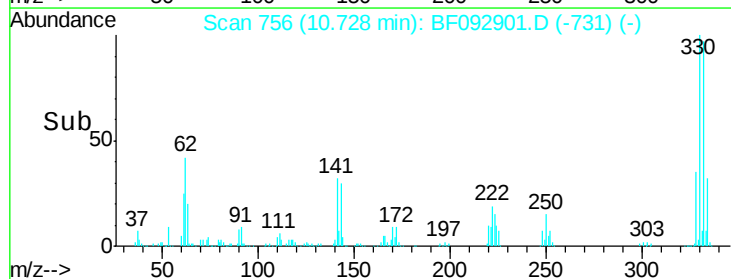
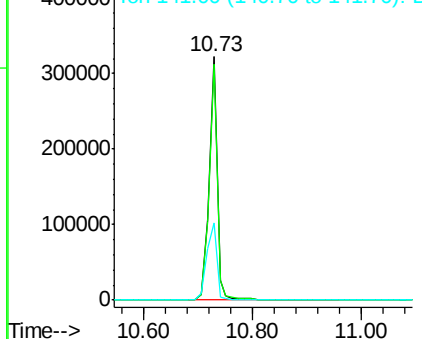


#41
 2,4,6-Tribromophenol
 Concen: 114.76 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF092901.D
 Acq: 10 Feb 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	334428		
332	96.8	77.4	116.2	
141	38.7	34.1	51.1	



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





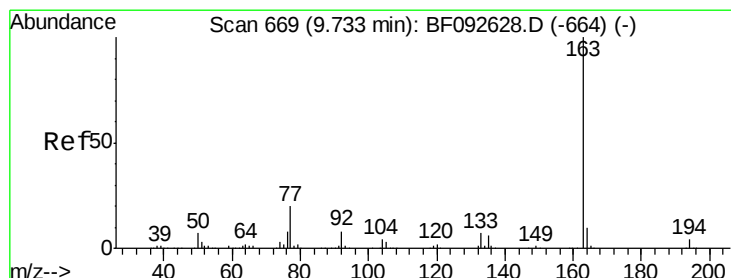
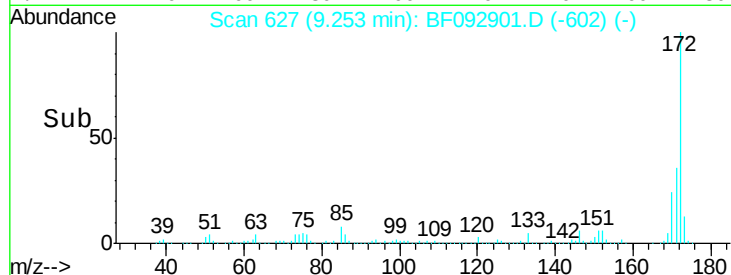
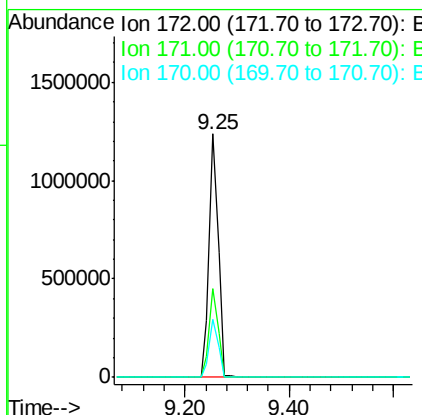
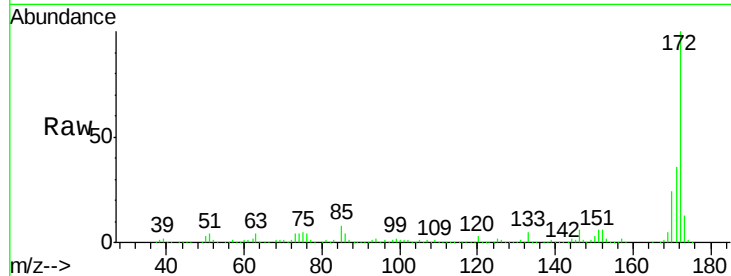
#44
2-Fluorobiphenyl
Concen: 67.95 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

Tgt Ion:172 Resp: 1511264
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.0 20.2 30.4

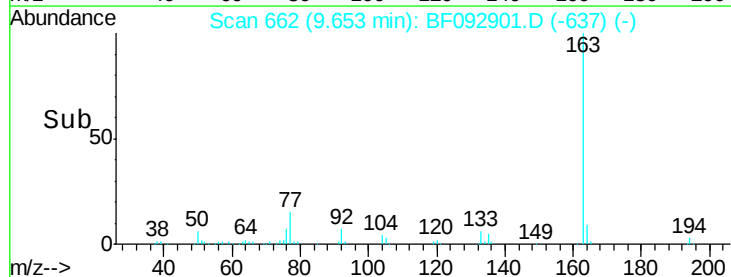
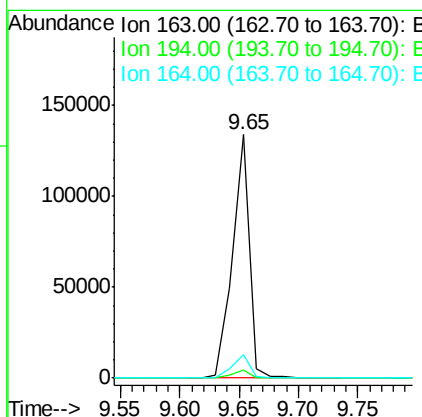
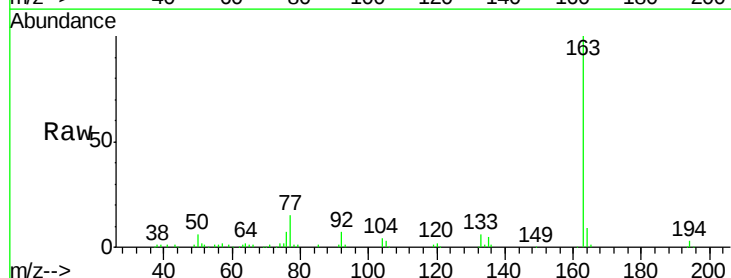
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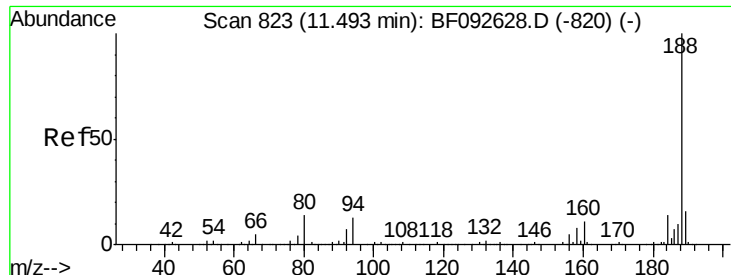
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#49
Dimethylphthalate
Concen: 4.87 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Tgt Ion:163 Resp: 132058
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.4 8.0 12.0





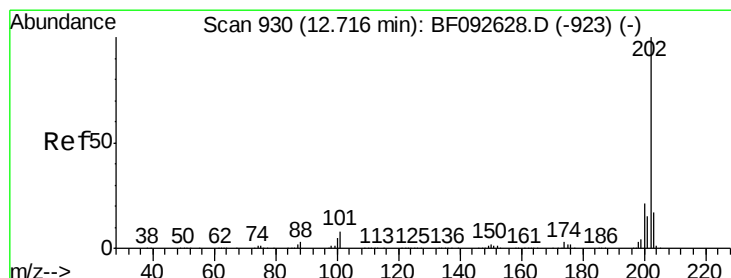
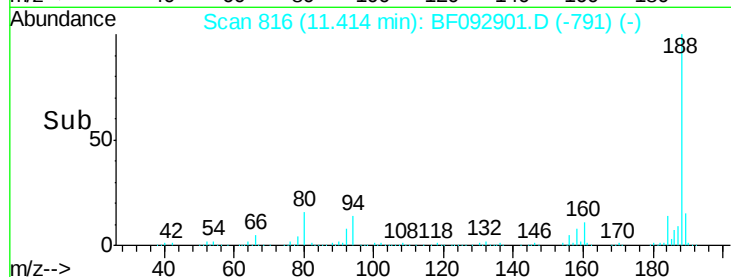
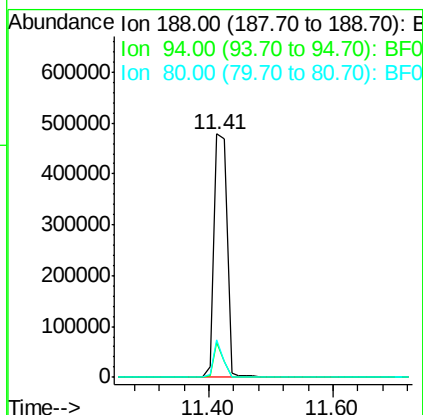
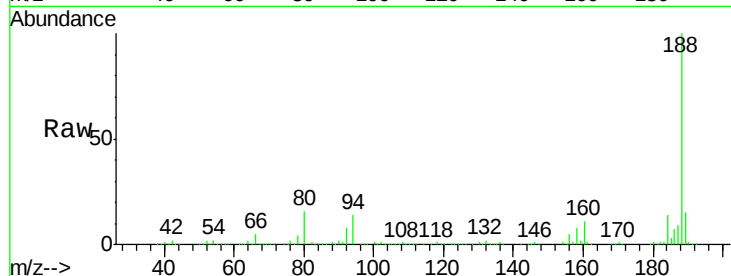
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	682077		
94	14.5	10.0	15.0	
80	15.7	11.2	16.8	

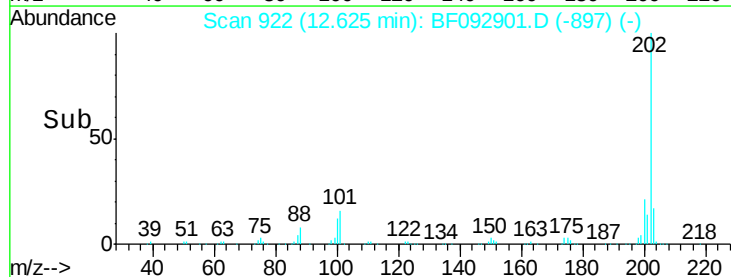
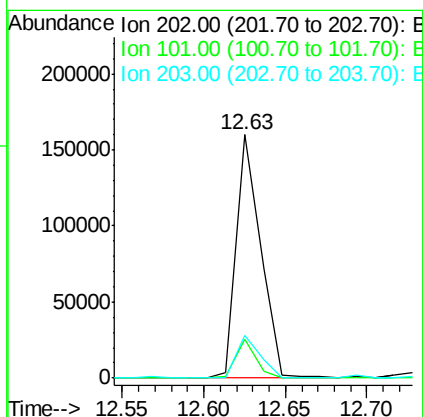
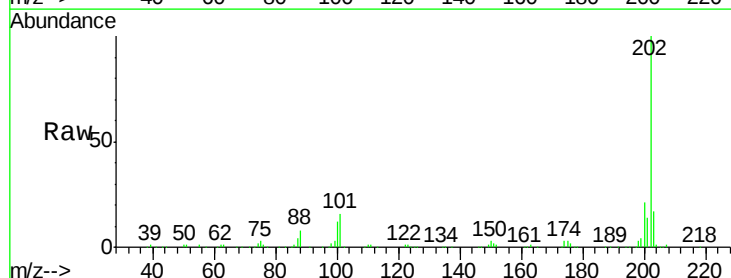
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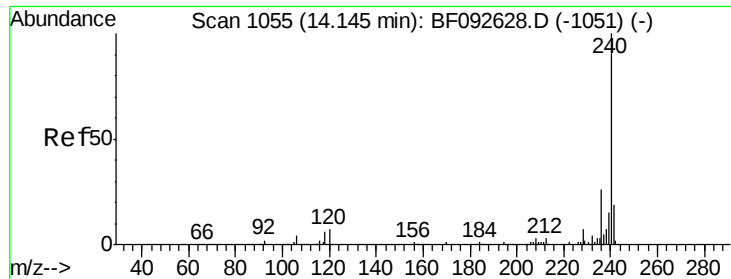
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#74
Fluoranthene
Concen: 4.07 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	164061		
101	15.8	0.0	34.6	
203	17.4	0.0	38.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Instrument :

BNA_F

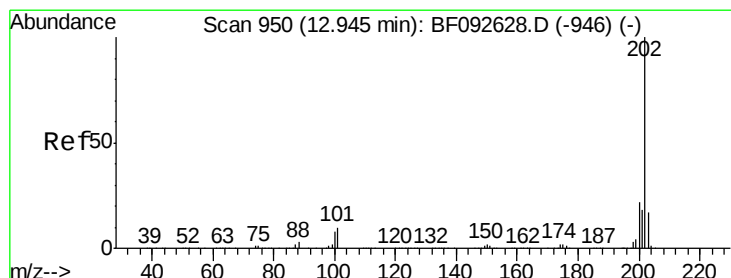
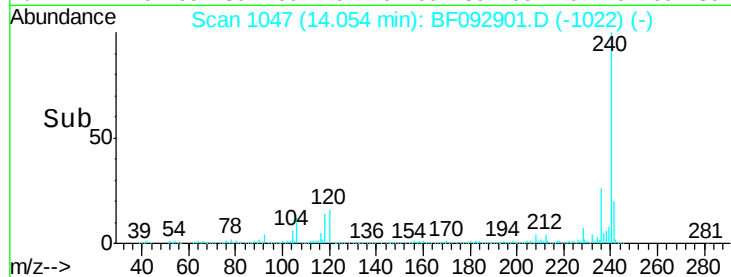
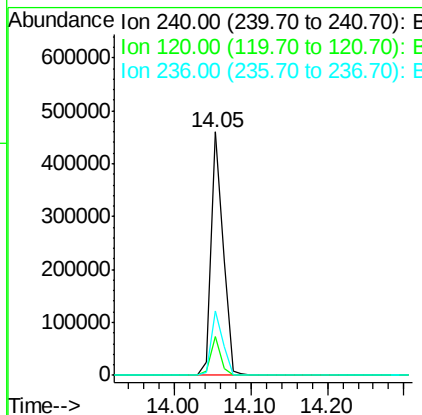
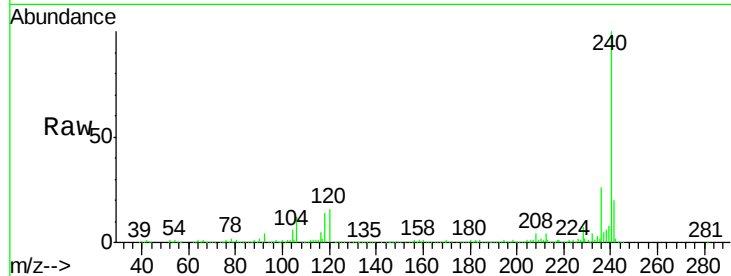
ClientSampleId :

38-SB-01-0-2

Tgt Ion:	240	Resp:	494566
Ion Ratio		Lower	Upper
240	100		
120	16.2	12.9	19.3
236	26.3	20.9	31.3

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#77

Pyrene

Concen: 4.09 ng

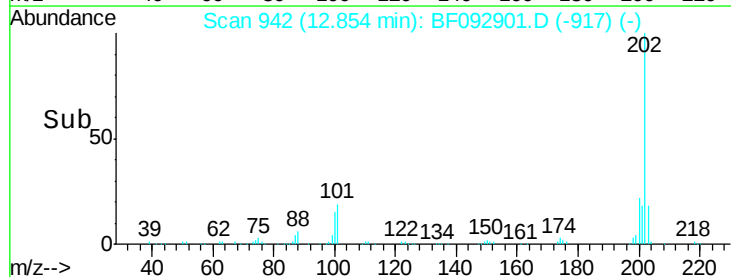
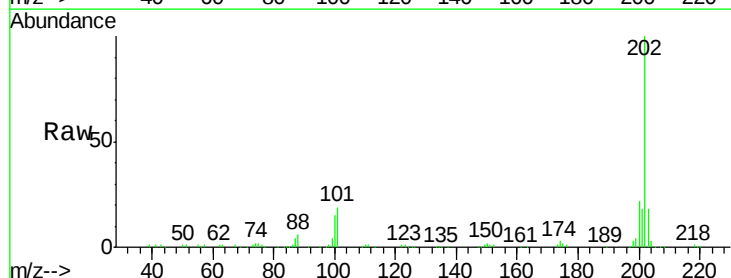
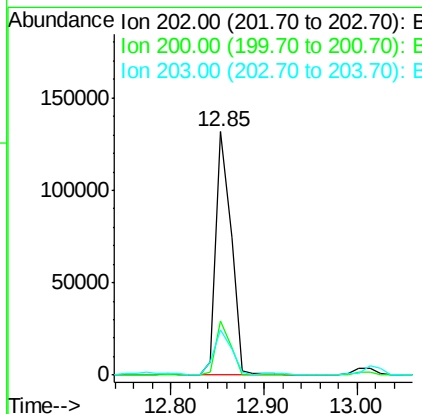
RT: 12.85 min Scan# 942

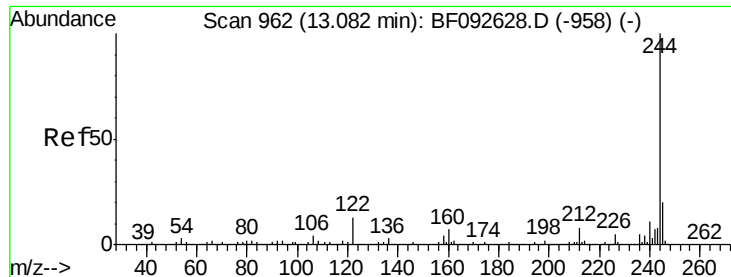
Delta R.T. -0.01 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Tgt Ion:	202	Resp:	151317
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.3	14.7	22.1





#78

Terphenyl-d14

Concen: 65.75 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Instrument :

BNA_F

ClientSampleId :

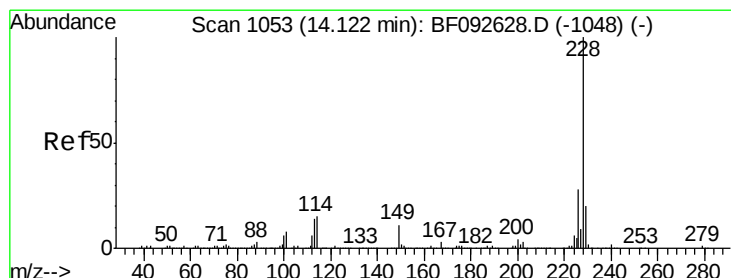
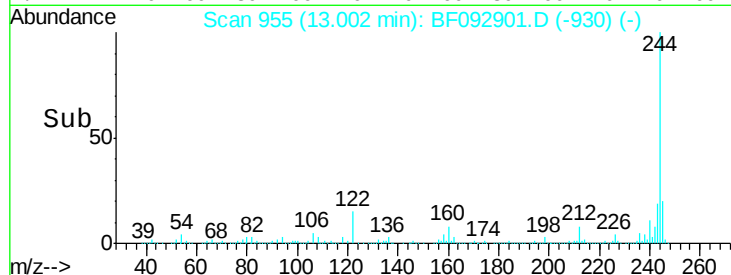
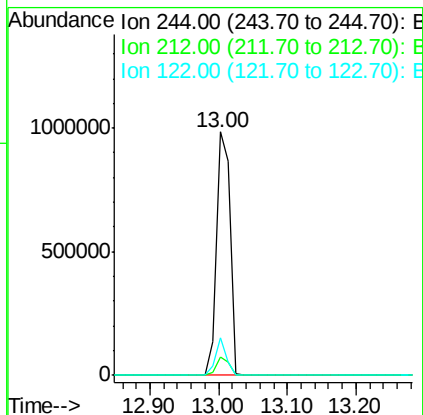
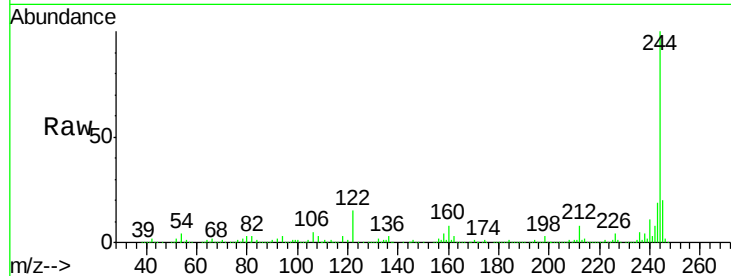
38-SB-01-0-2

Tgt Ion:244 Resp: 1383855

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.2	11.4	17.2

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.71 ng

RT: 14.04 min Scan# 1046

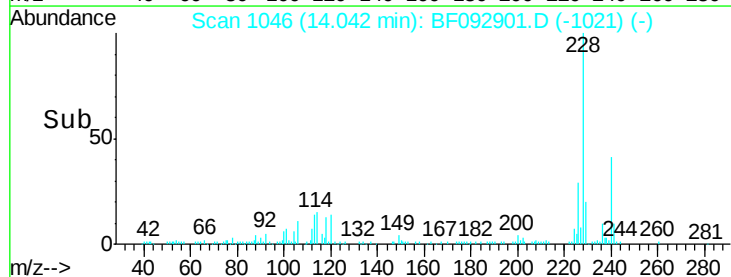
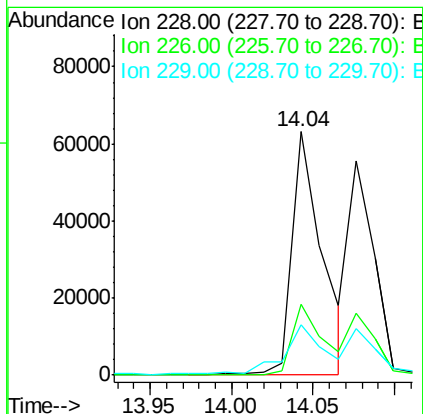
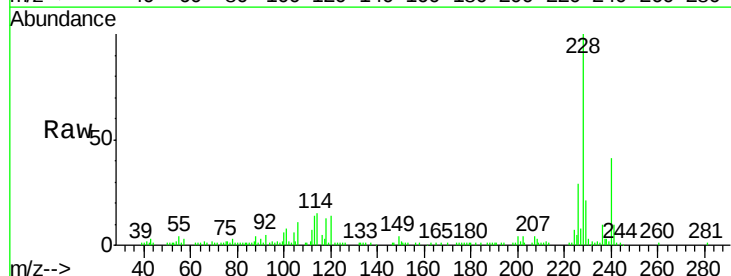
Delta R.T. -0.01 min

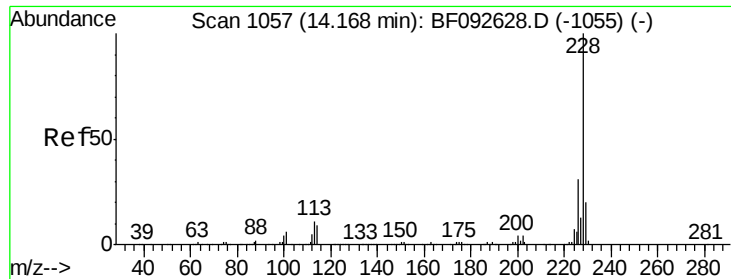
Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Tgt Ion:228 Resp: 81902

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	20.9	16.2	24.4





#82

Chrysene

Concen: 2.18 ng m

RT: 14.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Instrument :

BNA_F

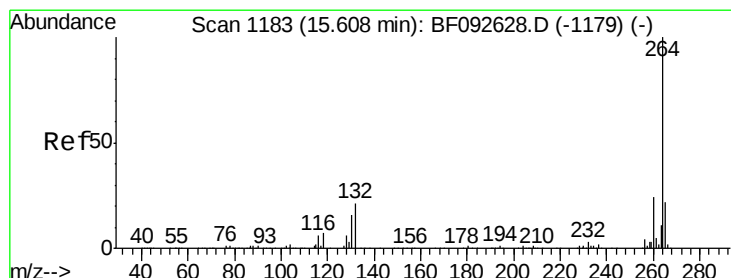
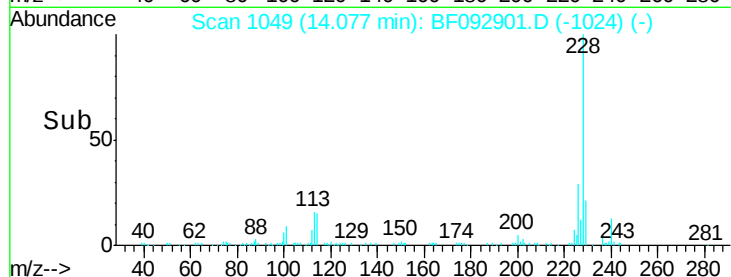
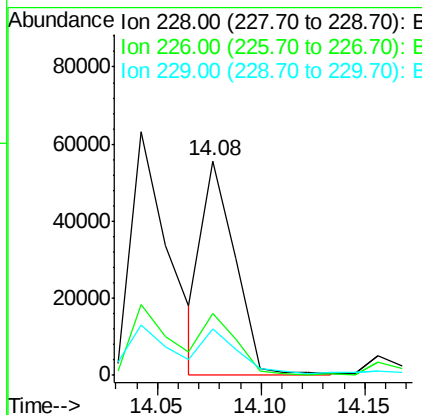
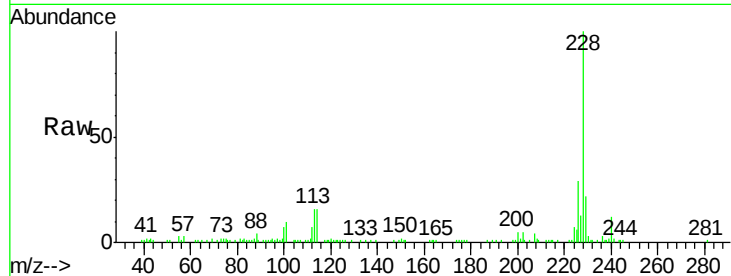
ClientSampleId :

38-SB-01-0-2

Tgt Ion:	228	Resp:	61650
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.4	38.0
229	21.7	16.2	24.2

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

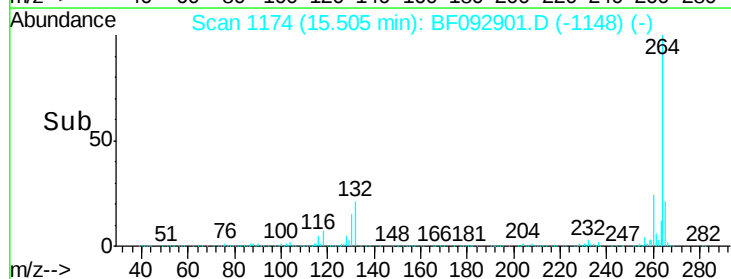
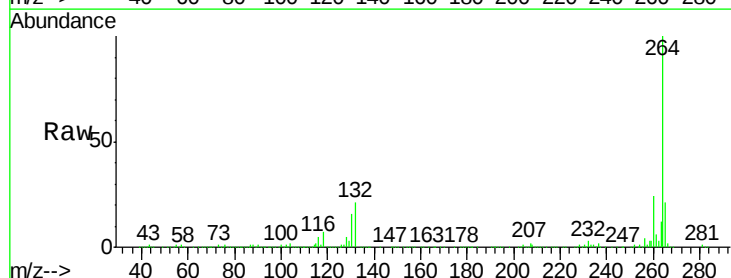
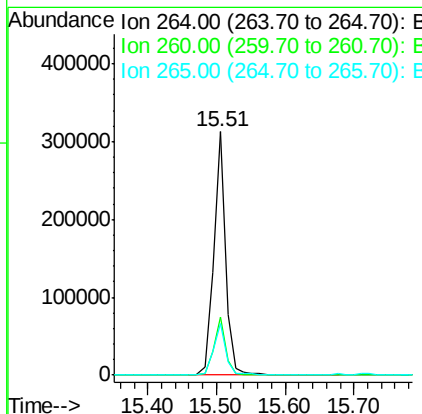
RT: 15.51 min Scan# 1174

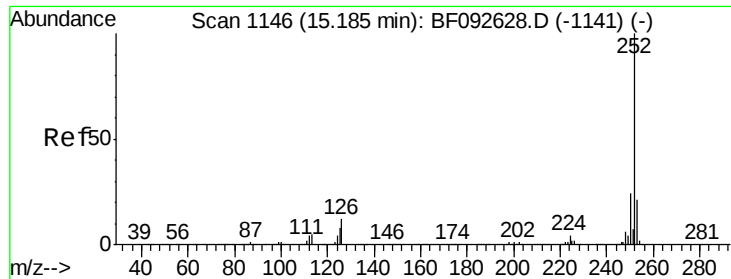
Delta R.T. 0.00 min

Lab File: BF092901.D

Acq: 10 Feb 2017 23:34

Tgt Ion:	264	Resp:	381669
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.5	17.4	26.0





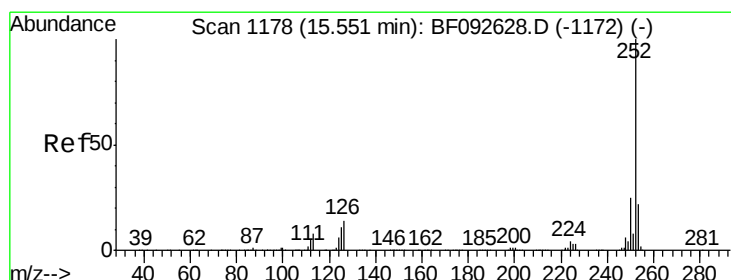
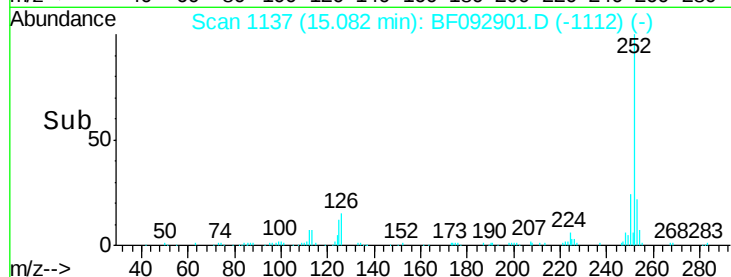
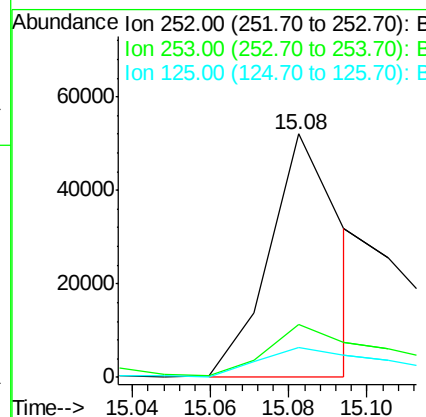
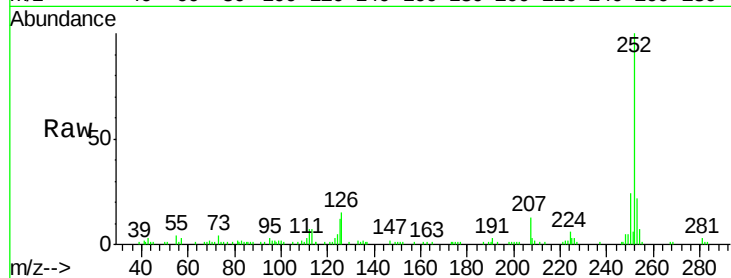
#87
Benzo(b)fluoranthene
Concen: 2.67 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Instrument :
BNA_F
ClientSampleId :
38-SB-01-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.2	9.8	14.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.29 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092901.D
Acq: 10 Feb 2017 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	14.7	10.0	15.0

