

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092964.D
 Acq On : 15 Feb 2017 21:20
 Operator : SJ/MA
 Sample : I1837-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Manual Integrations
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mohammad
 2/16/2017 11:37:49 AM

Quant Time: Feb 16 02:21:29 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	6.86	152	145524m	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	642348	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	343603	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	575816	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	425410	20.00	ng	-0.03
86) Perylene-d12	15.46	264	326116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	448	0.05	ng	0.00
7) Phenol-d6	6.50	99	16276	1.49	ng	-0.03
23) Nitrobenzene-d5	7.44	82	722072	62.60	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	1267915	66.85	ng	-0.01
78) Terphenyl-d14	12.98	244	1223618	67.58	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	164685	7.12	ng	99
70) Phenanthrene	11.41	178	214753	6.51	ng	96
74) Fluoranthene	12.60	202	231869	6.81	ng	92
77) Pyrene	12.83	202	182311	5.73	ng	97
80) Benzo(a)anthracene	14.01	228	77939	3.00	ng	98
82) Chrysene	14.04	228	56650m	2.33	ng	
87) Benzo(b)fluoranthene	15.05	252	68268m	3.18	ng	
89) Benzo(a)pyrene	15.39	252	45441	2.45	ng	# 95

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

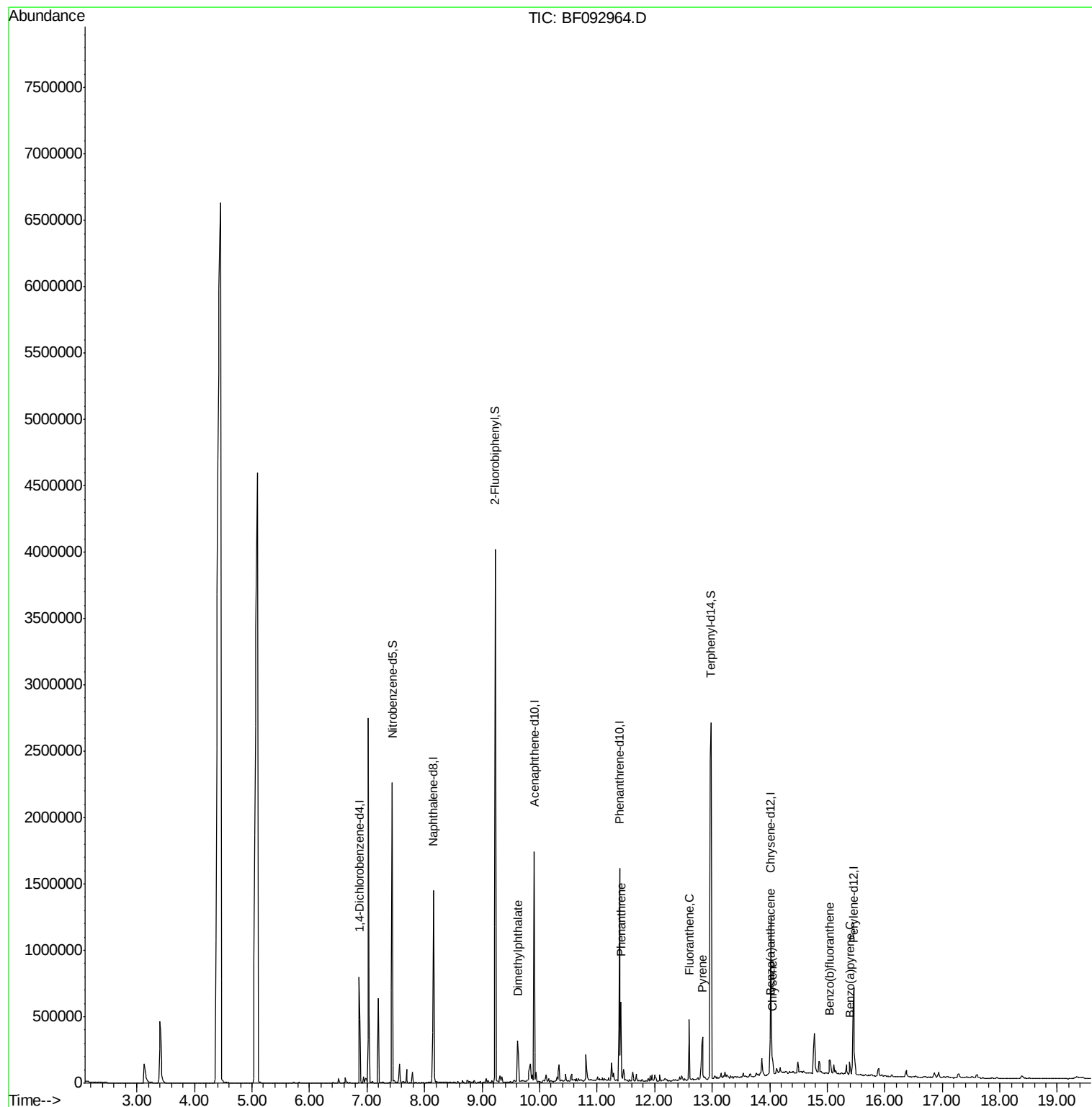
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092964.D
Acq On : 15 Feb 2017 21:20
Operator : SJ/MA
Sample : I1837-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

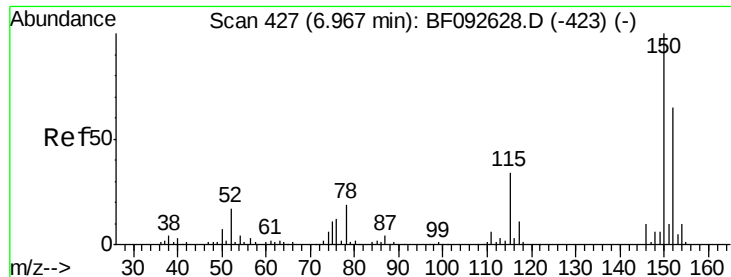
Instrument :
BNA_F
ClientSampleId :
P-1

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Instrument :

BNA_F

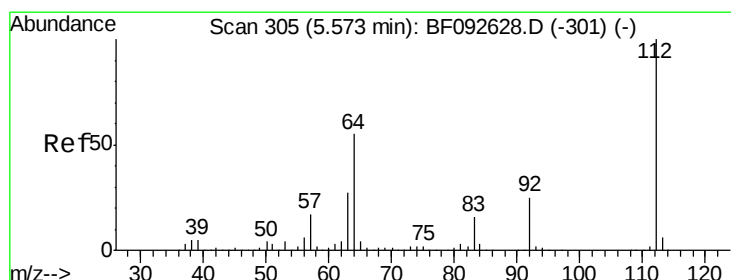
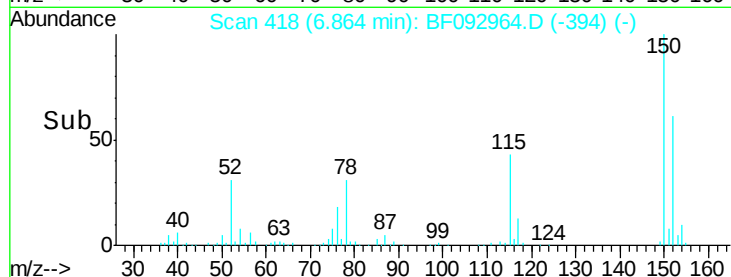
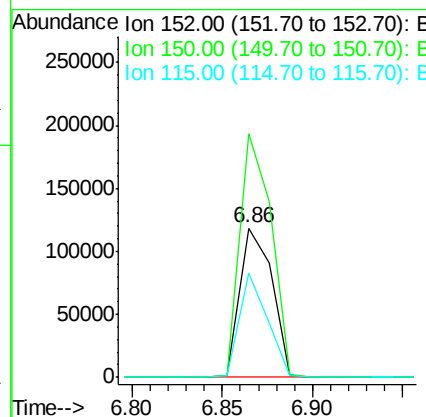
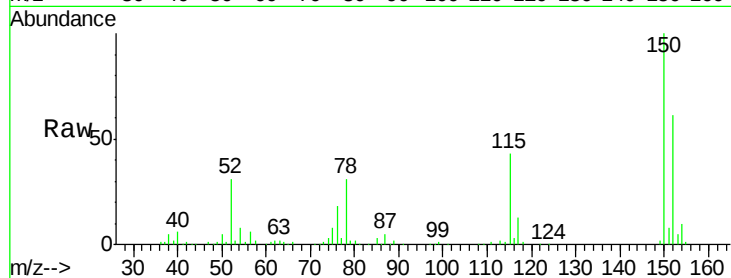
ClientSampled :

P-1

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		145524		
150	163.2	124.9	187.3		
115	69.7	46.0	69.0#		

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#5

2-Fluorophenol

Concen: 0.05 ng

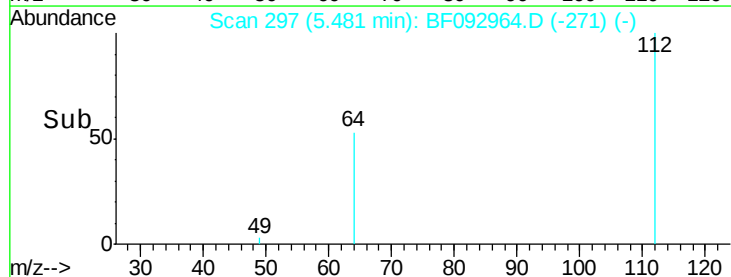
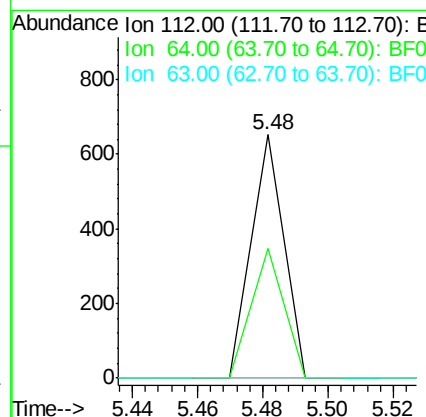
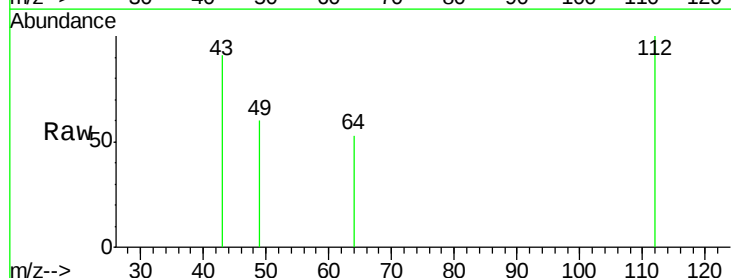
RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		448		
64	53.4	46.1	69.1		
63	0.0	23.8	35.6#		





#7

Phenol-d6

Concen: 1.49 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Instrument :

BNA_F

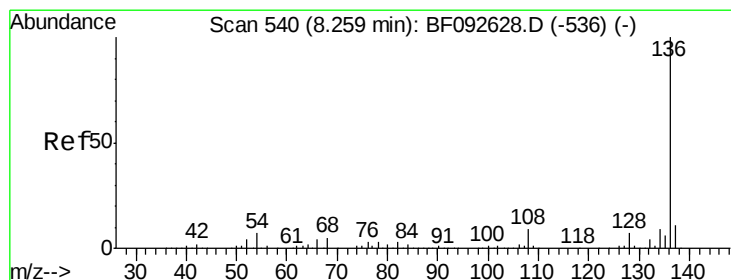
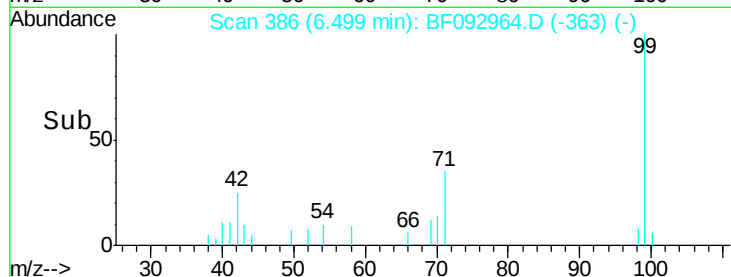
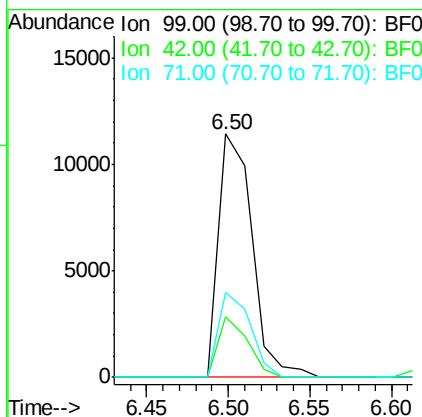
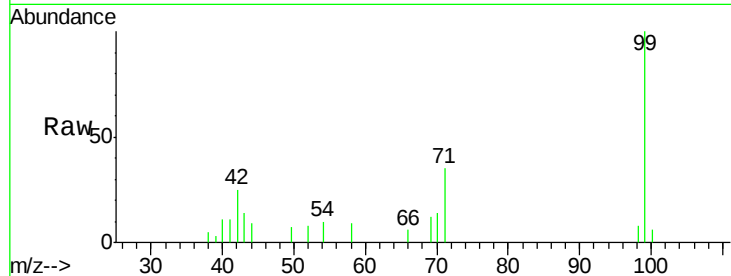
ClientSampleId :

P-1

Tgt Ion:	99	Resp:	16276
Ion Ratio	Lower	Upper	
99	100		
42	24.6	15.6	23.4#
71	34.8	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

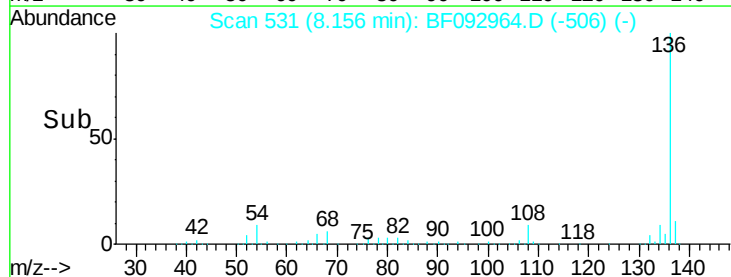
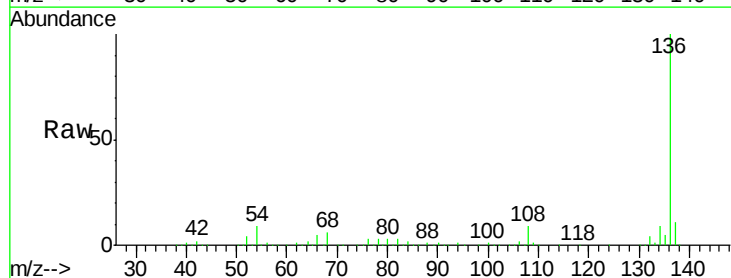
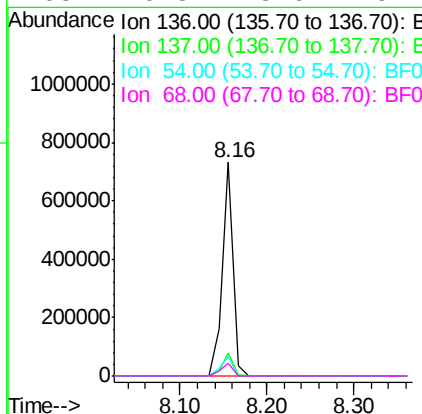
RT: 8.16 min Scan# 531

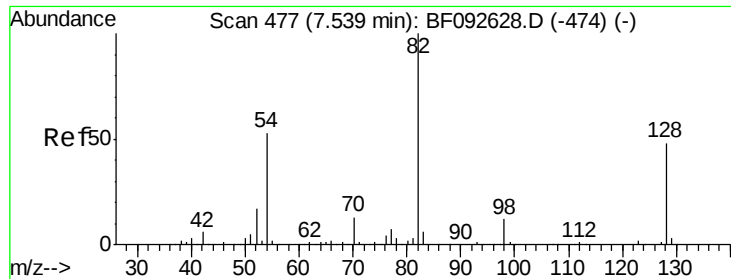
Delta R.T. -0.01 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Tgt Ion:	136	Resp:	642348
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	8.8	4.5	6.7#
68	6.3	3.6	5.4#





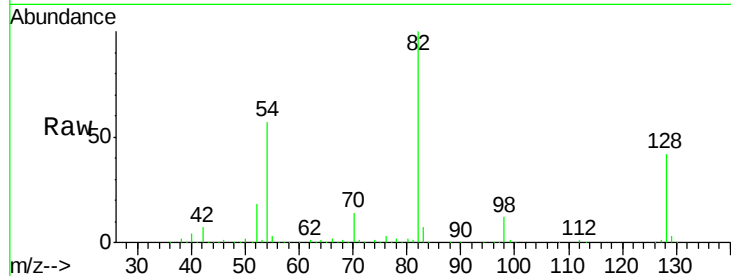
#23
 Nitrobenzene-d5
 Concen: 62.60 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 P-1

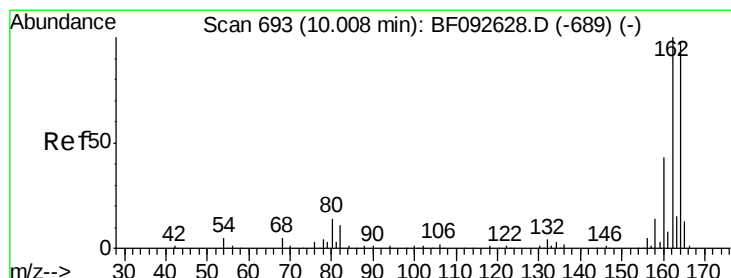
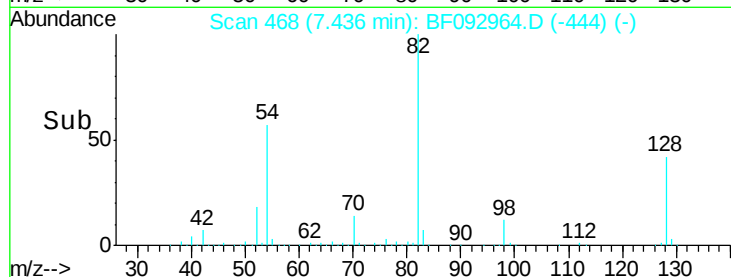
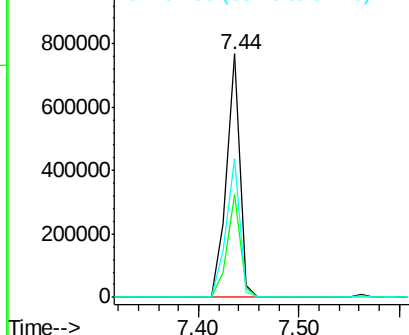
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	57.2	39.5	59.3

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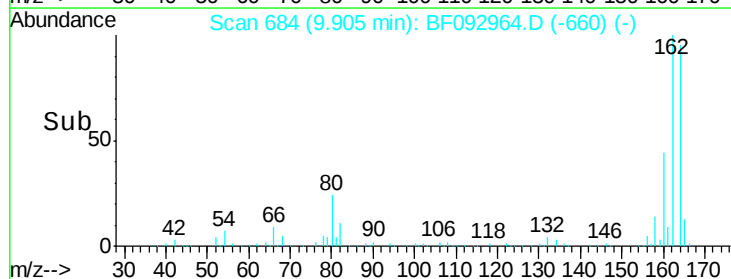
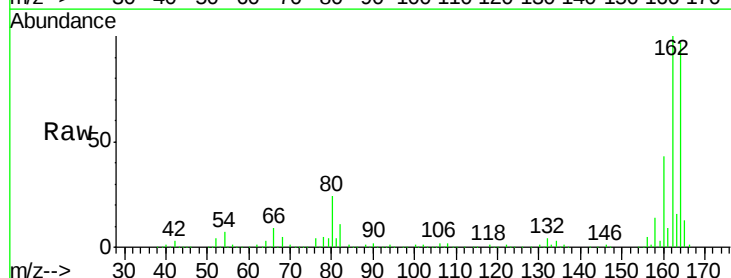
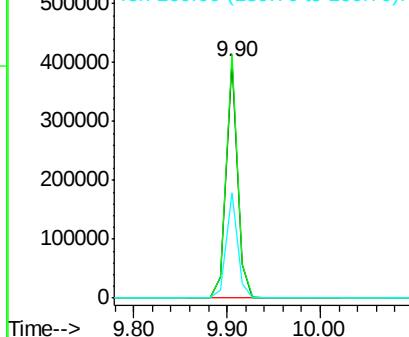
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

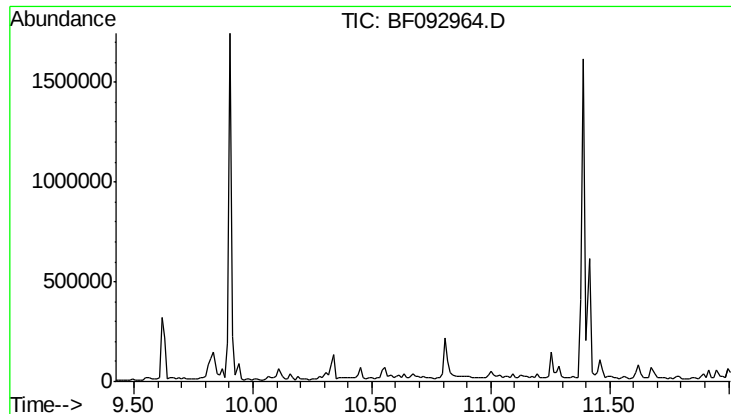


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	44.6	36.9	55.3

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





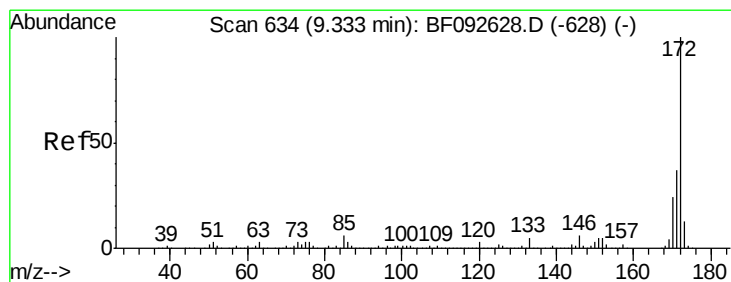
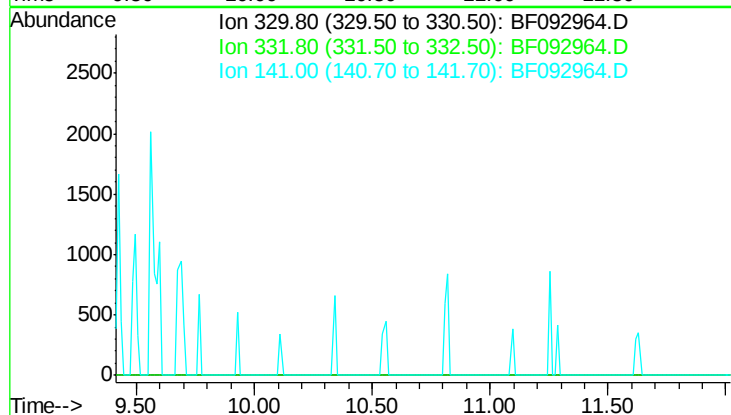
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.72 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Tgt Ion	Exp Ratio
330	100
332	96.8
141	42.6

Instrument :
 BNA_F
 ClientSampleId :
 P-1

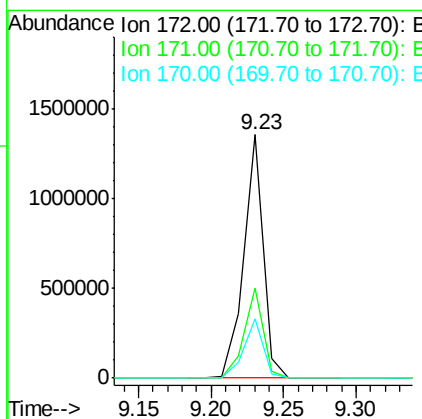
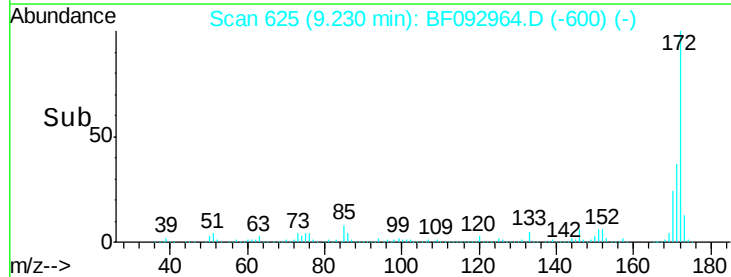
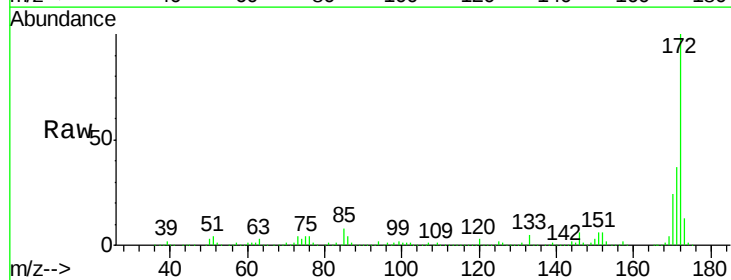
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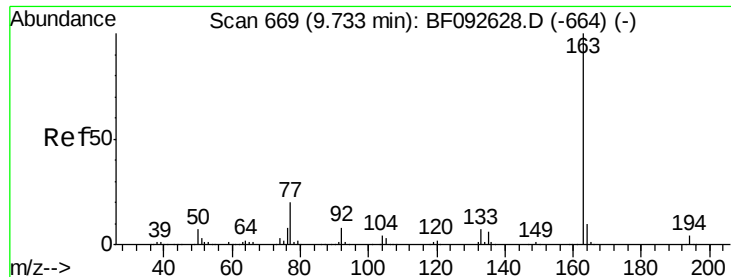
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#44
 2-Fluorobiphenyl
 Concen: 66.85 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4





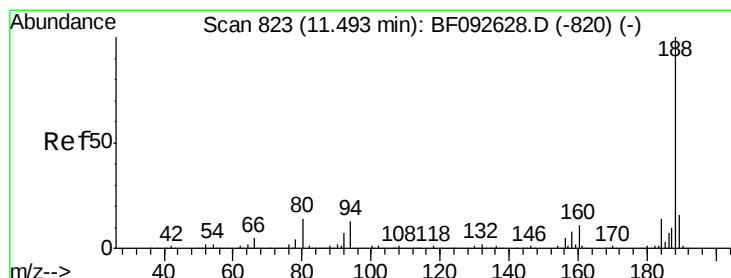
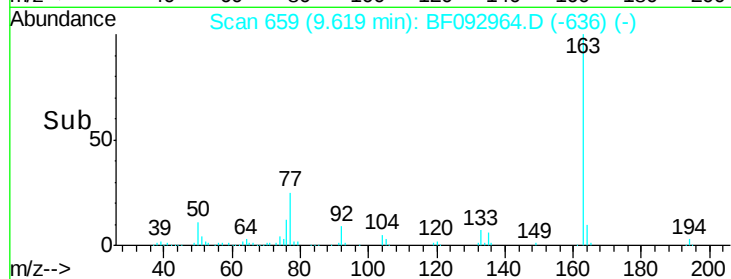
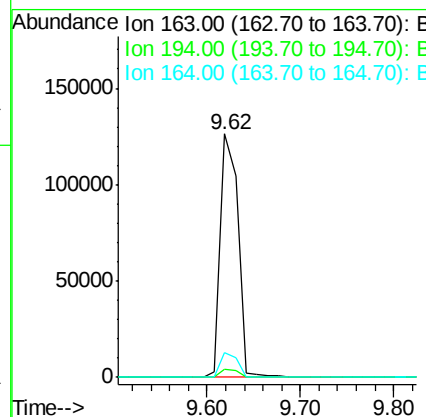
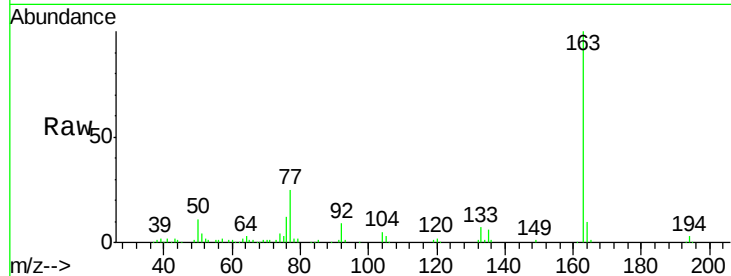
#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	3.0	4.4
164	10.2	8.0	12.0

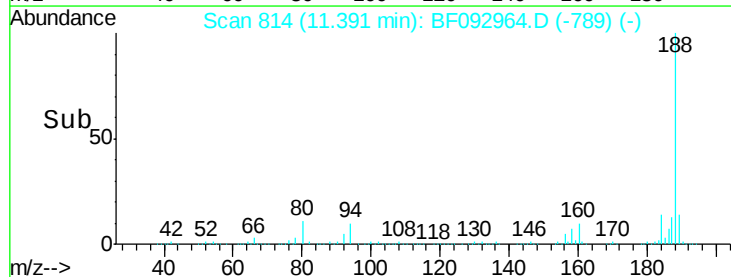
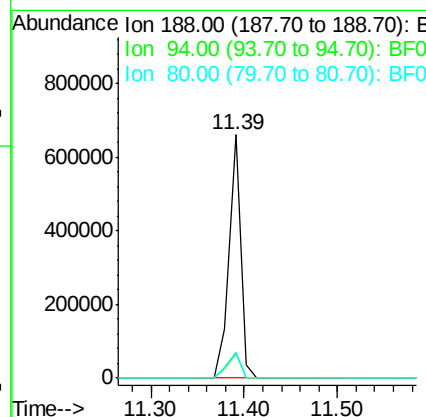
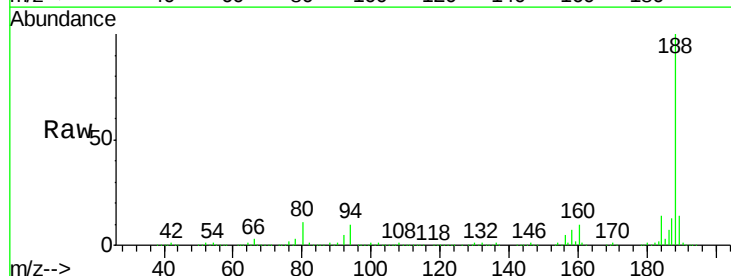
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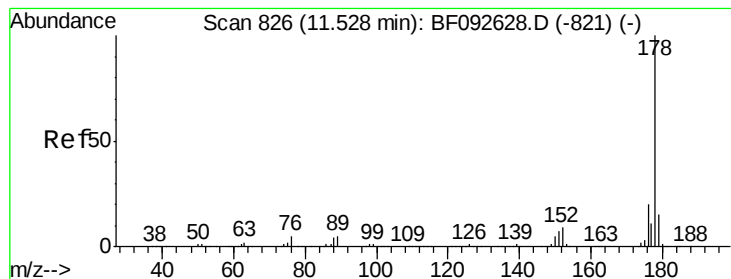
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	10.0	15.0#
80	10.8	11.2	16.8#





#70

Phenanthrene

Concen: 6.51 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Instrument :

BNA_F

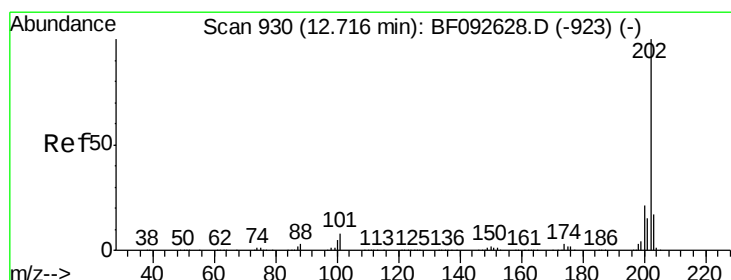
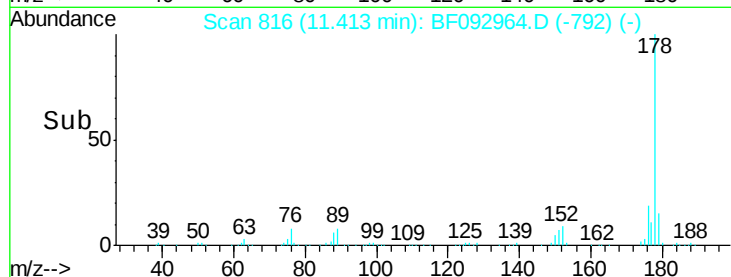
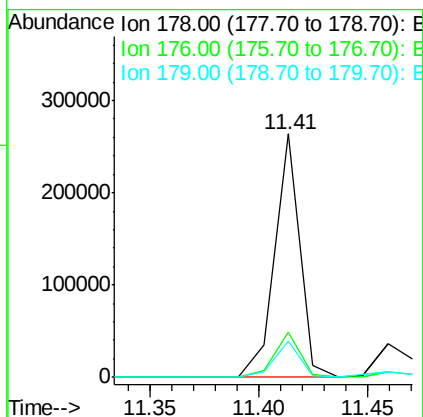
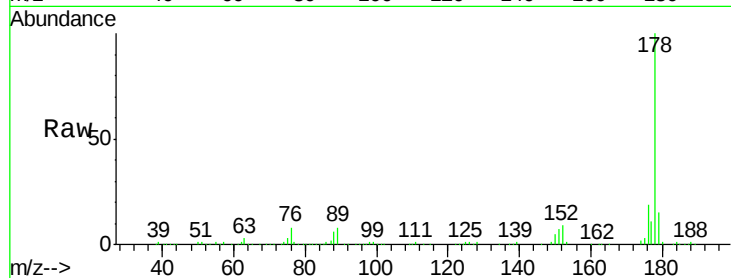
ClientSampleId :

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Tgt Ion:	178	Resp:	214753
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.6	25.0
179	14.9	12.8	19.2

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#74

Fluoranthene

Concen: 6.81 ng

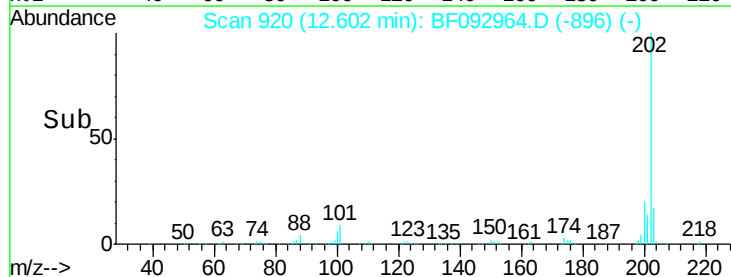
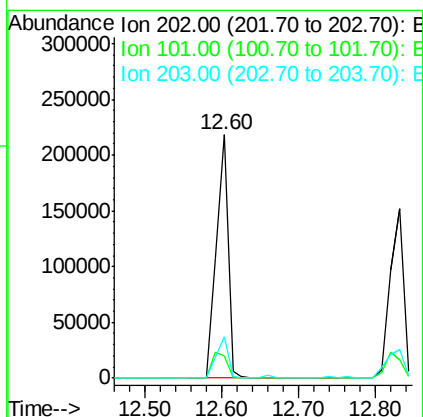
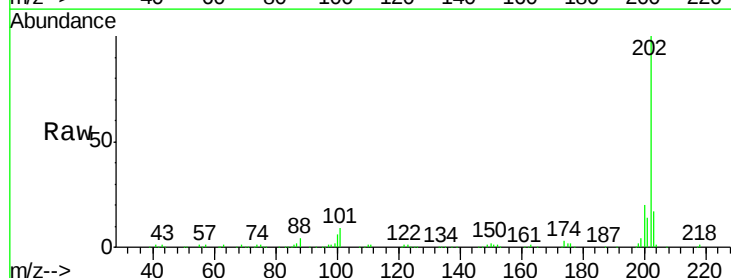
RT: 12.60 min Scan# 920

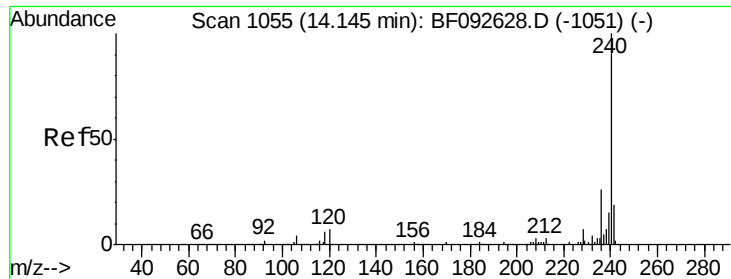
Delta R.T. -0.02 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Tgt Ion:	202	Resp:	231869
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	34.6
203	17.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Instrument :

BNA_F

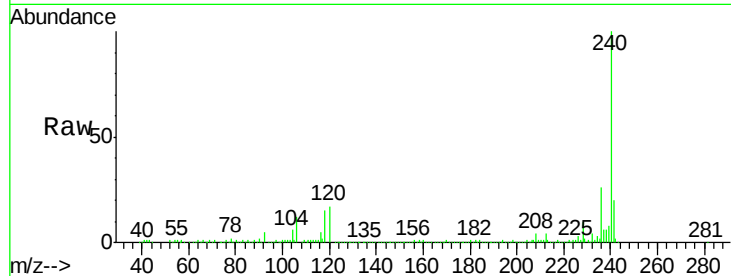
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	12.9	19.3
236	26.3	20.9	31.3

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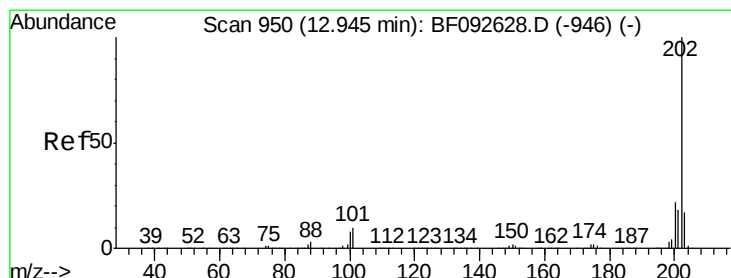
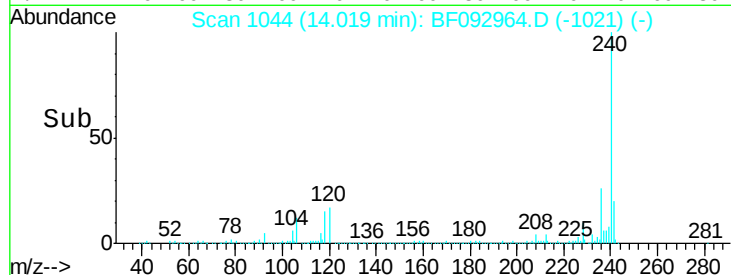
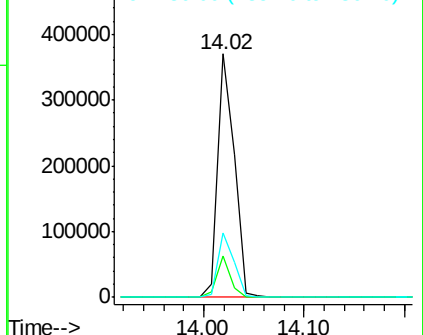
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.73 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092964.D

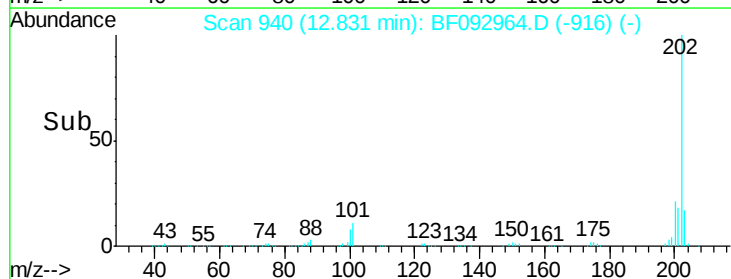
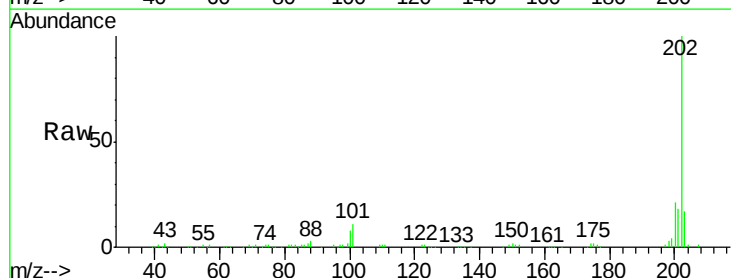
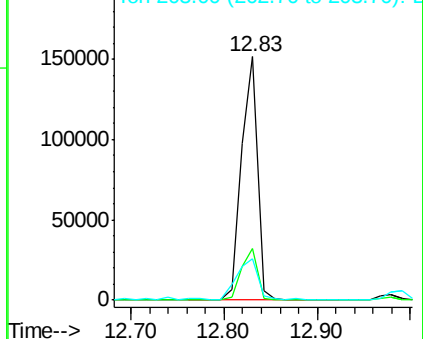
Acq: 15 Feb 2017 21:20

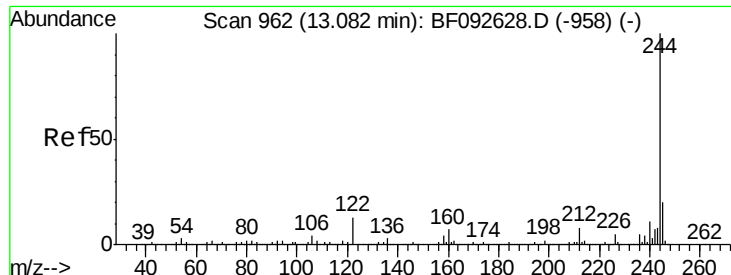
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	16.9	14.7	22.1

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





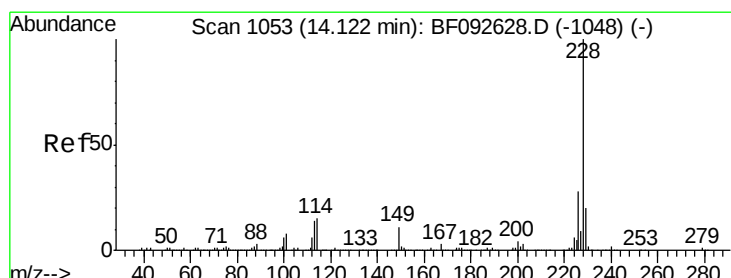
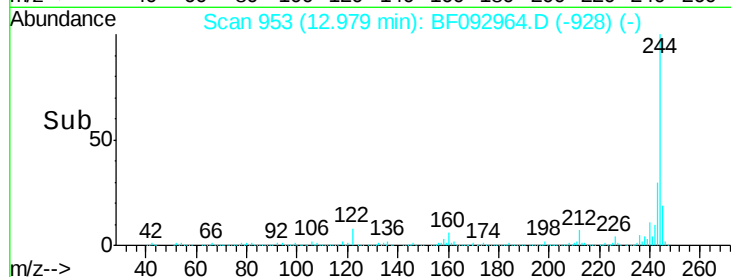
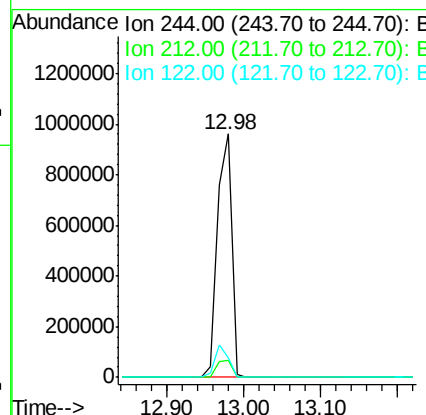
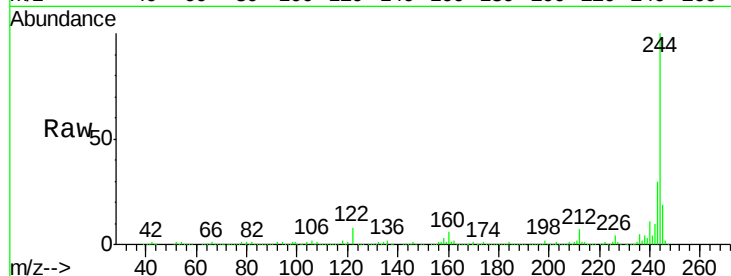
#78
 Terphenyl-d14
 Concen: 67.58 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tgt Ion:244 Resp: 1223618
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 8.1 11.4 17.2#

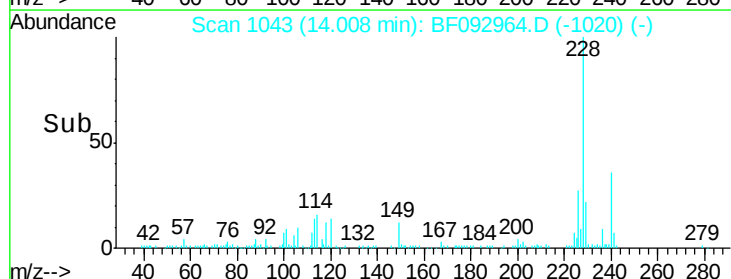
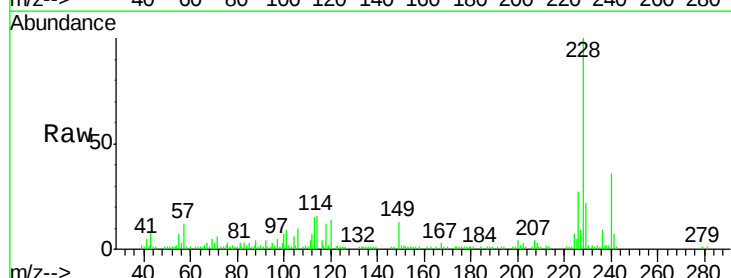
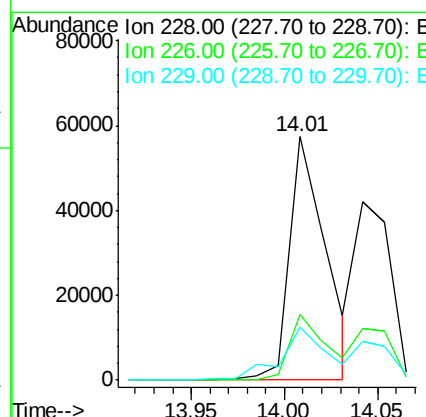
Manual Integrations
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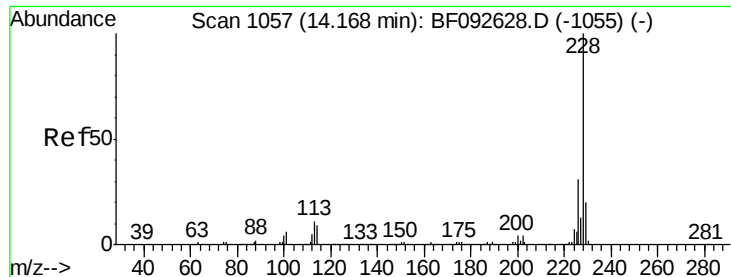
mohammad
 2/16/2017 11:37:49 AM



#80
 Benzo(a)anthracene
 Concen: 3.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF092964.D
 Acq: 15 Feb 2017 21:20

Tgt Ion:228 Resp: 77939
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.4 33.6
 229 21.7 16.2 24.4





#82

Chrysene

Concen: 2.33 ng m

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Instrument :

BNA_F

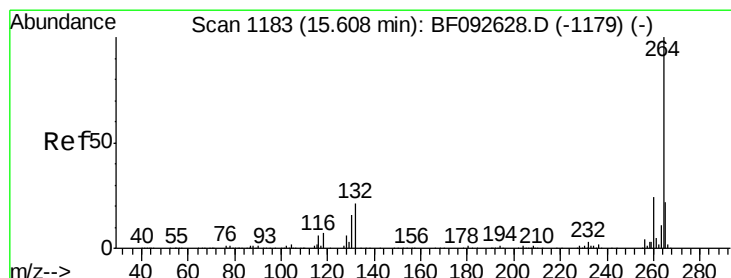
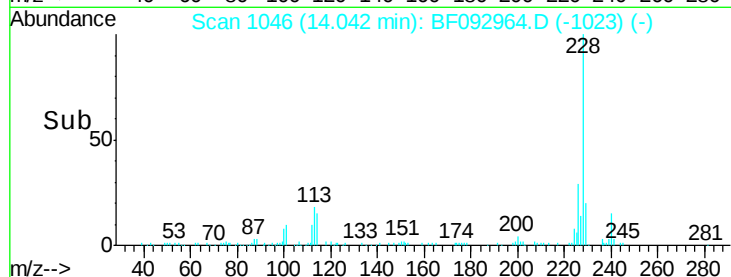
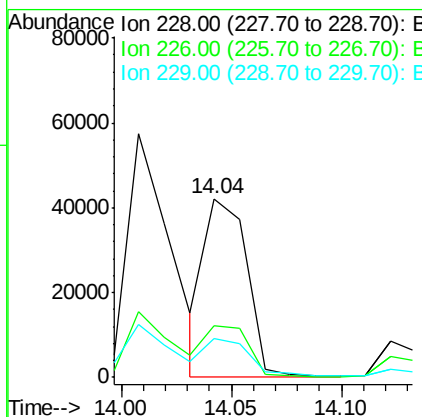
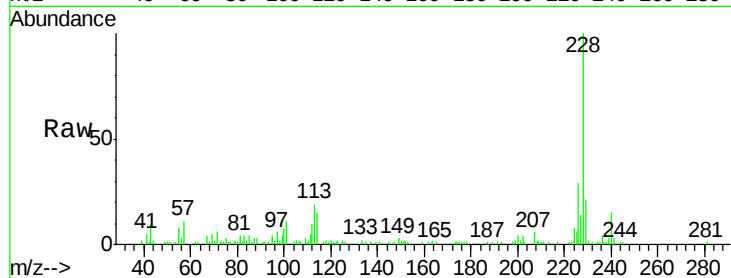
ClientSampled :

P-1

Tgt Ion:	228	Resp:	56650
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.4	38.0
229	21.5	16.2	24.2

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#86

Perylene-d12

Concen: 20.00 ng

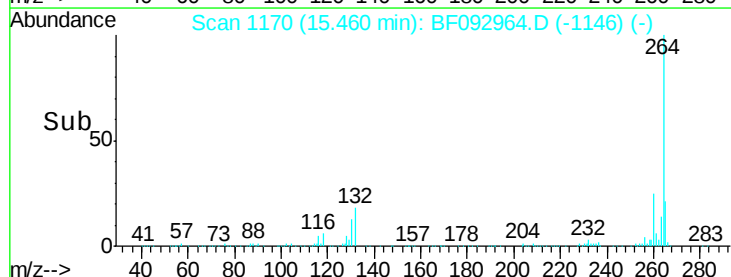
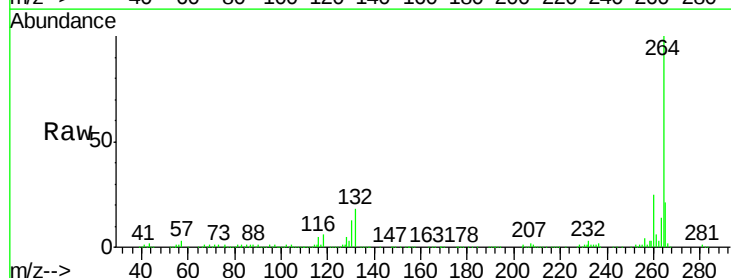
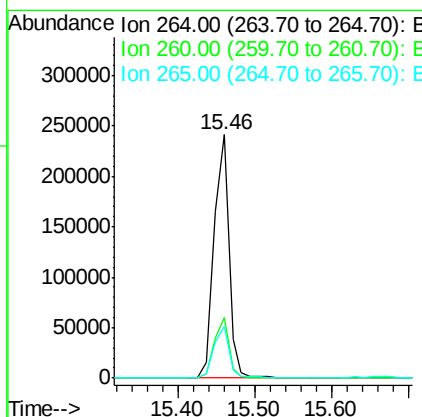
RT: 15.46 min Scan# 1170

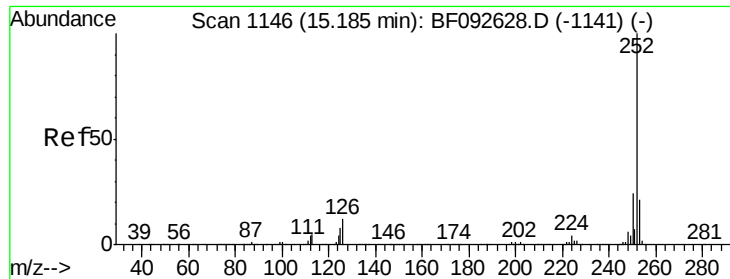
Delta R.T. -0.02 min

Lab File: BF092964.D

Acq: 15 Feb 2017 21:20

Tgt Ion:	264	Resp:	326116
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.1	17.4	26.0





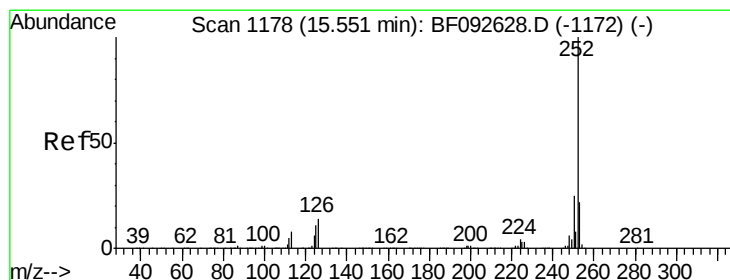
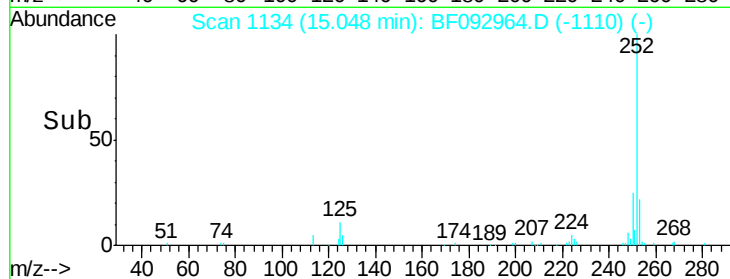
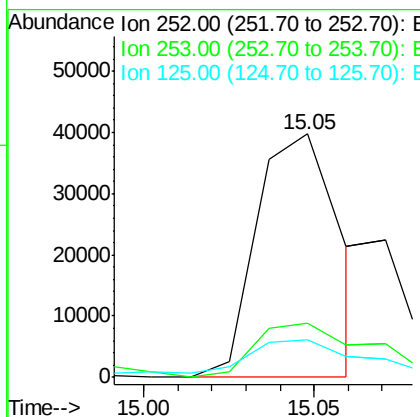
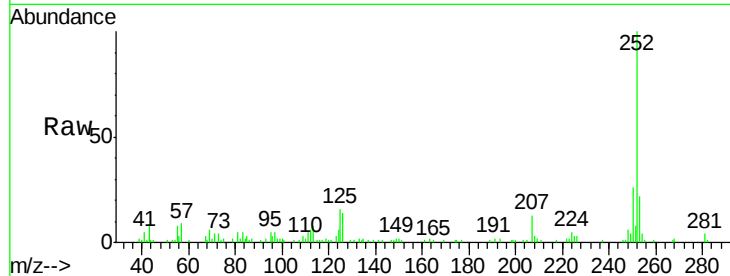
#87
Benzo(b)fluoranthene
Concen: 3.18 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampled :
P-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	15.6	9.8	14.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.45 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	15.8	10.0	15.0

