

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094705.D
 Acq On : 29 Apr 2017 1:01
 Operator : SJ/MA
 Sample : I2859-05DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT-WDL

Manual Integrations
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Quant Time: Apr 29 04:45:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	98313	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	362468	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	147239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	235833	20.00	ng	0.00
75) Chrysene-d12	14.47	240	203632	20.00	ng	0.00
86) Perylene-d12	16.10	264	162817	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	39590	6.68	ng	0.03
7) Phenol-d6	5.40	99	31124	4.46	ng	0.00
23) Nitrobenzene-d5	6.41	82	67632	11.52	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	16480	14.31	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	134615	13.45	ng	0.00
78) Terphenyl-d14	13.20	244	92334	12.12	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.29	128	324127	18.60	ng	99
37) 2-Methylnaphthalene	8.14	142	482926	40.51	ng	98
57) Fluorene	10.08	166	106674	10.55	ng	# 92
70) Phenanthrene	11.25	178	359252	27.05	ng	98
71) Anthracene	11.31	178	30824m	2.24	ng	
72) Carbazole	11.52	167	88700	6.88	ng	# 92
74) Fluoranthene	12.71	202	92484	6.72	ng	99
77) Pyrene	12.99	202	87968	6.18	ng	97

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

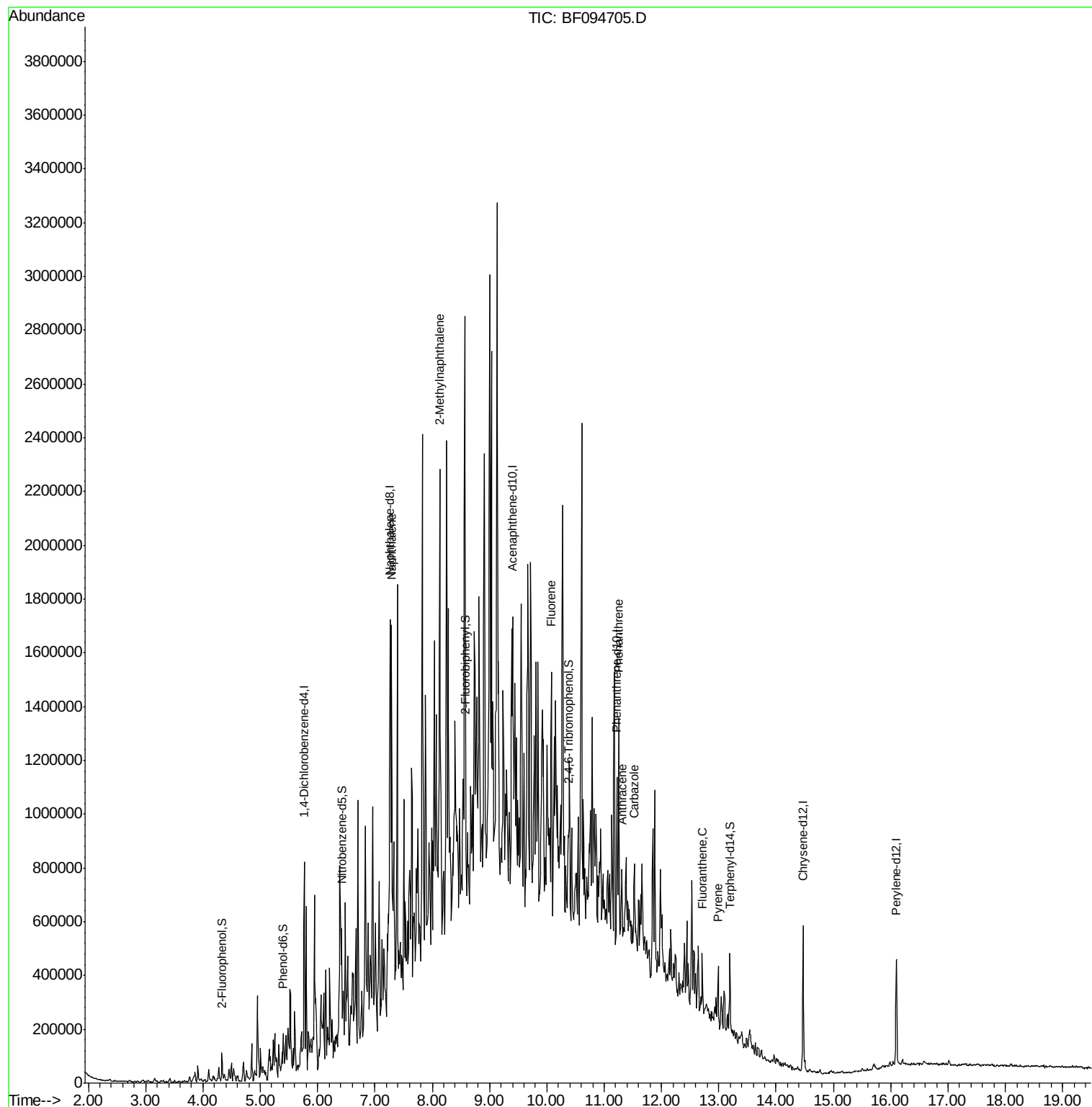
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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Acq On : 29 Apr 2017 1:01
Operator : SJ/MA
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Misc :
ALS Vial : 26 Sample Multiplier: 1

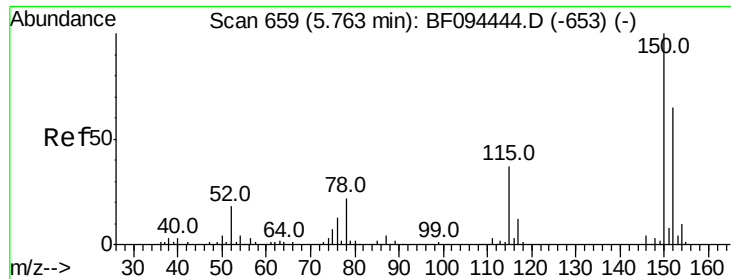
Instrument :
BNA_F
ClientSampleId :
UT-WDL

Quant Time: Apr 29 04:45:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

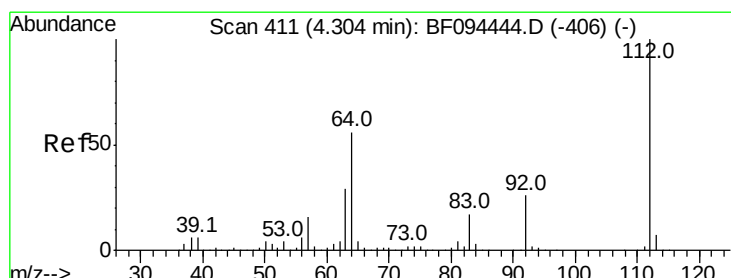
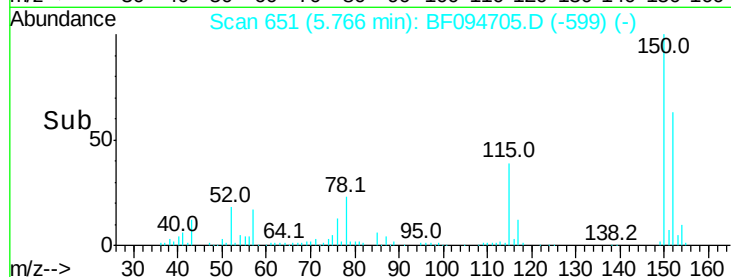
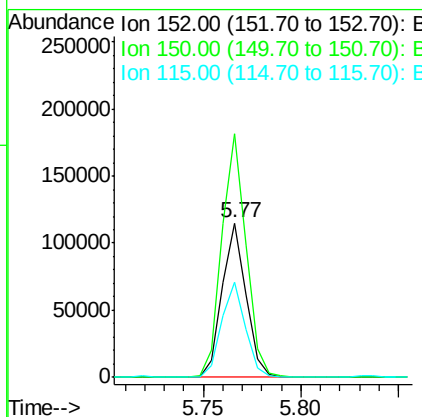
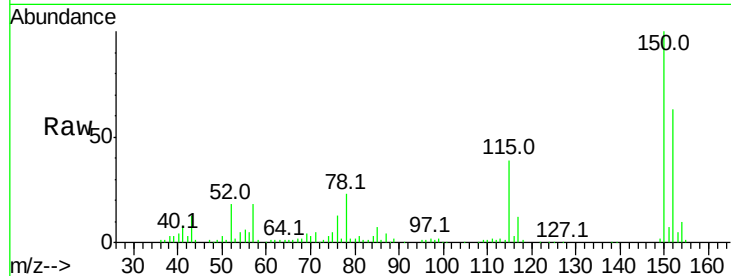
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094705.D
Acq: 29 Apr 2017 1:01

Instrument :
BNA_F
ClientSampled :
UT-WDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	61.5	52.2	78.2

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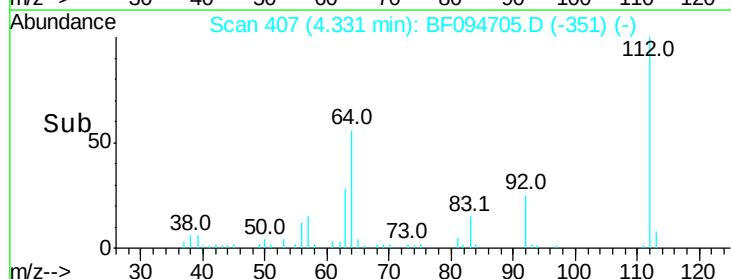
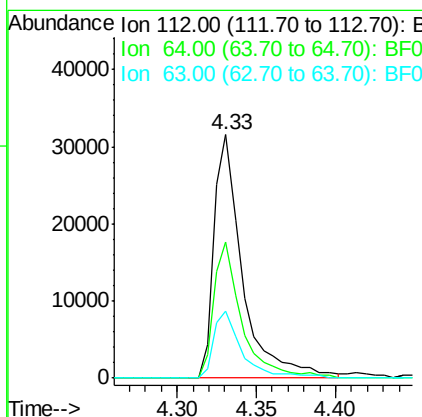
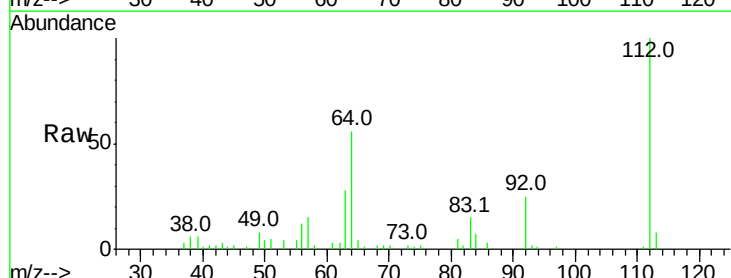
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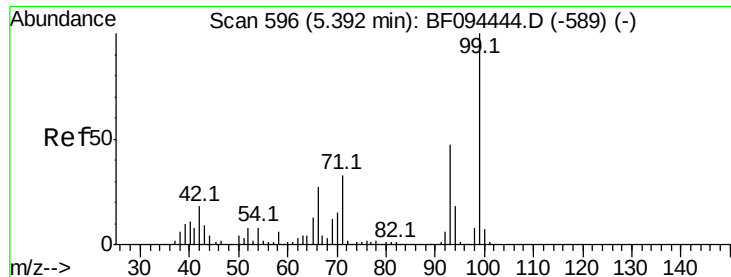


#5

2-Fluorophenol
Concen: 6.68 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094705.D
Acq: 29 Apr 2017 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 4.46 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Instrument :

BNA_F

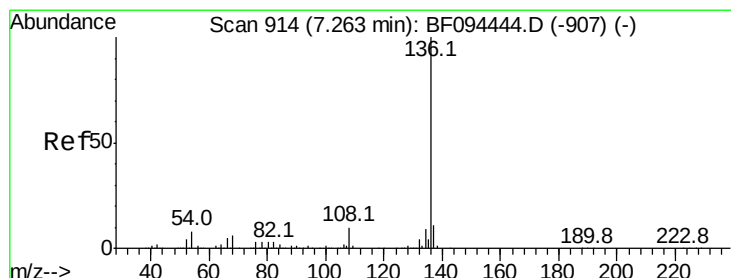
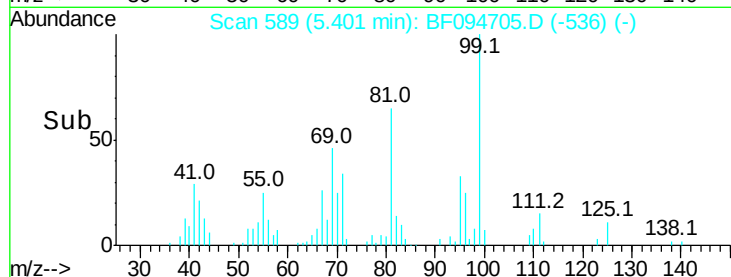
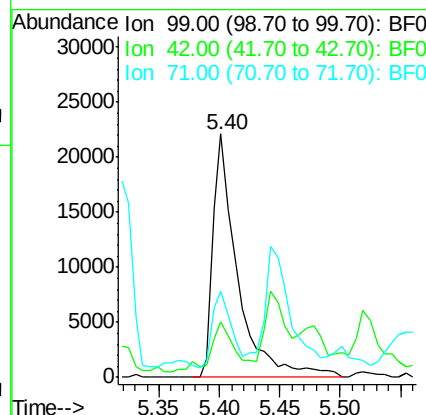
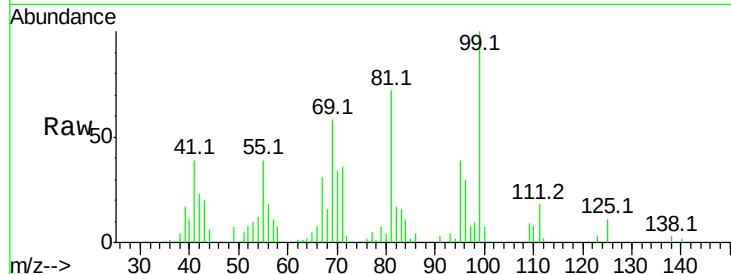
ClientSampleId :

UT-WDL

Tot Ion:	99	Resp:	31124
Ion Ratio	Lower	Upper	
99	100		
42	22.9	13.5	20.3#
71	35.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

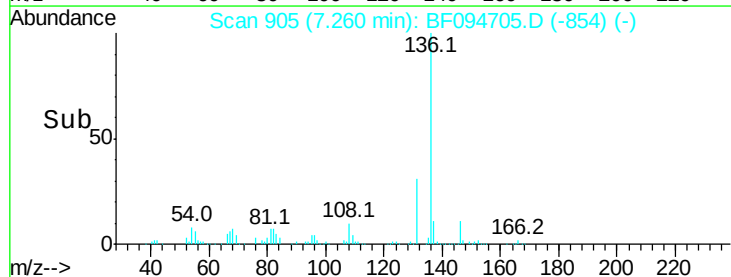
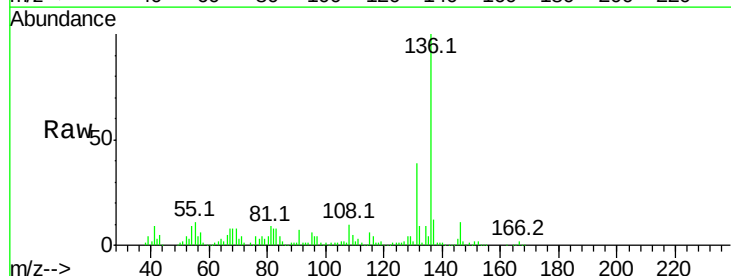
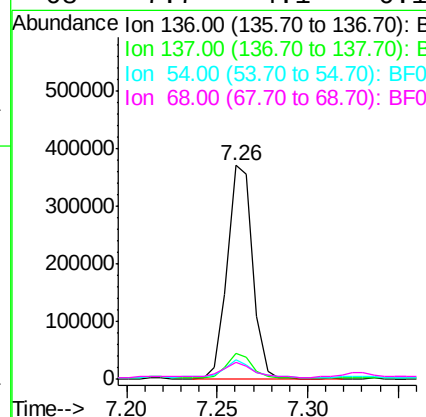
RT: 7.26 min Scan# 905

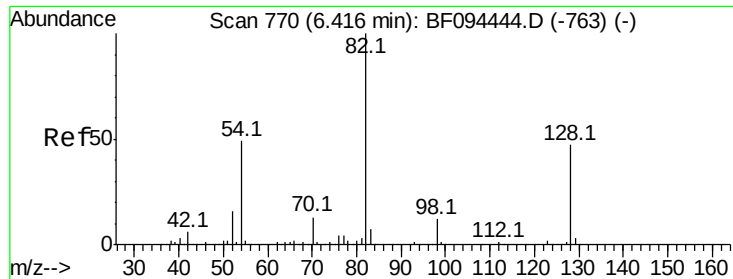
Delta R.T. -0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Tgt Ion:	136	Resp:	362468
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	8.8	4.9	7.3#
68	7.7	4.1	6.1#





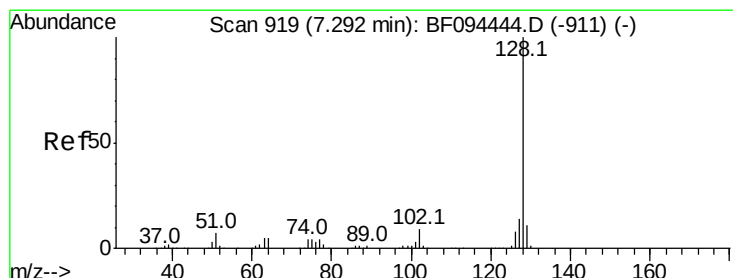
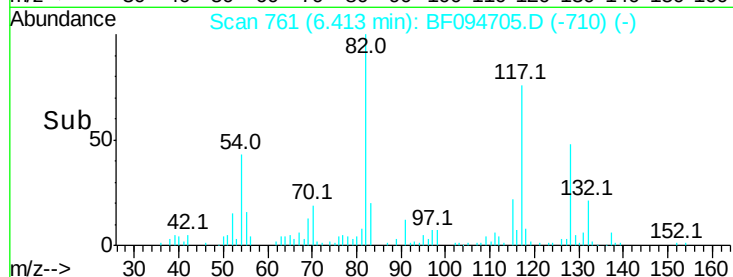
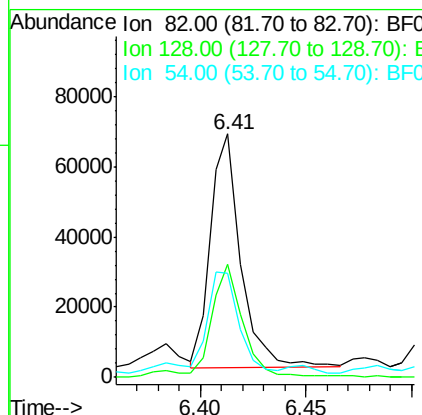
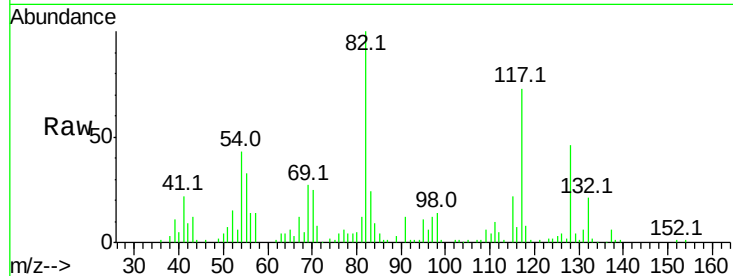
#23
 Nitrobenzene-d5
 Concen: 11.52 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 UT-WDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	42.9	42.2	63.2

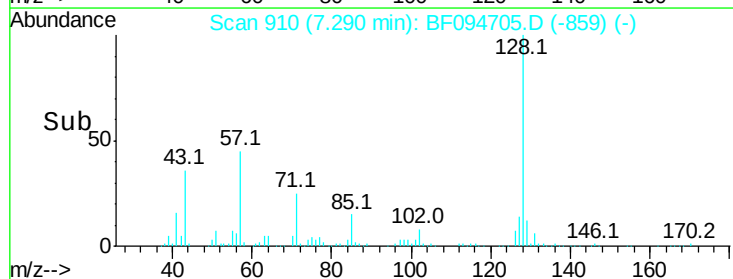
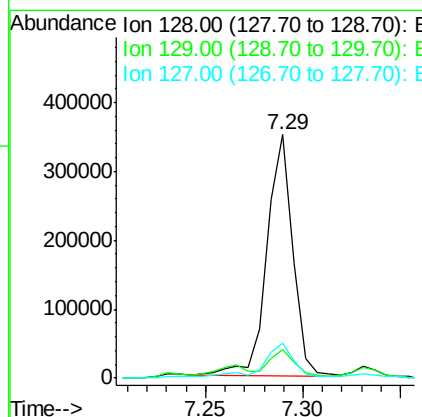
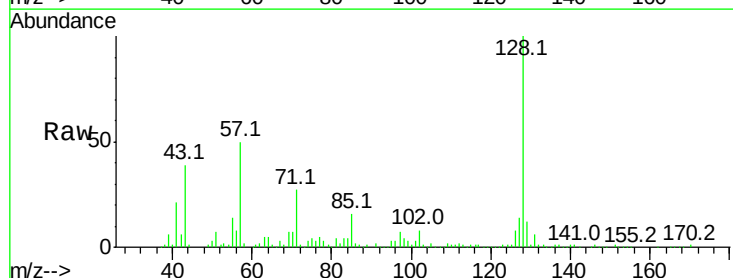
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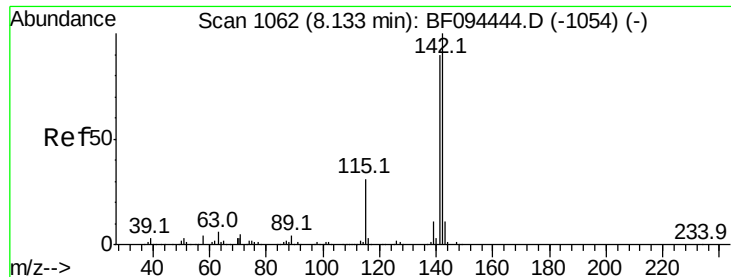
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#31
 Naphthalene
 Concen: 18.60 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.2	10.8	16.2





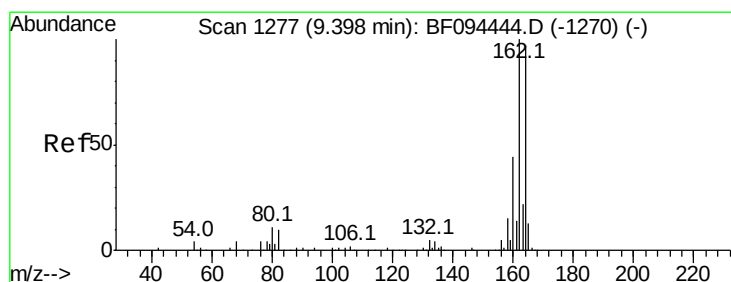
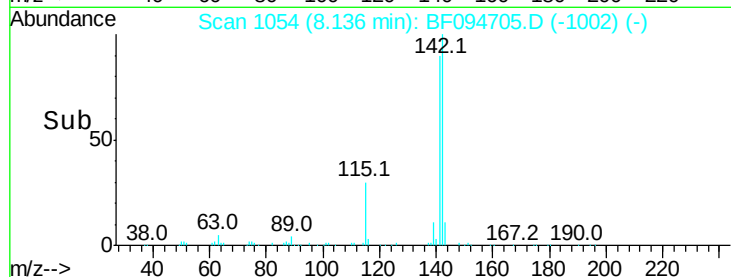
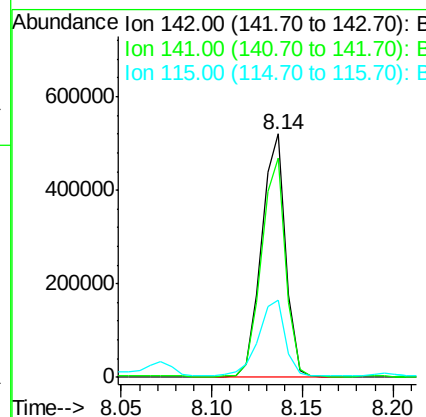
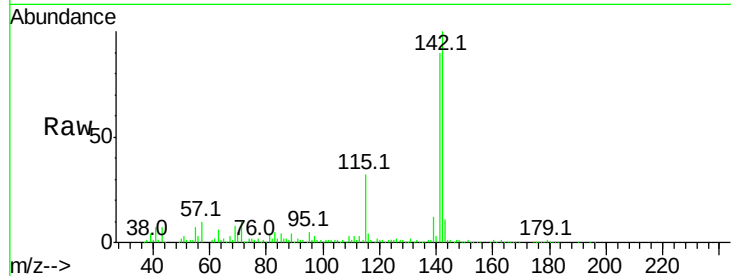
#37
2-Methylnaphthalene
Concen: 40.51 ng
RT: 8.14 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF094705.D
Acq: 29 Apr 2017 1:01

Instrument :
BNA_F
ClientSampleId :
UT-WDL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	482926		
141	90.2	71.3	106.9	
115	31.6	27.1	40.7	

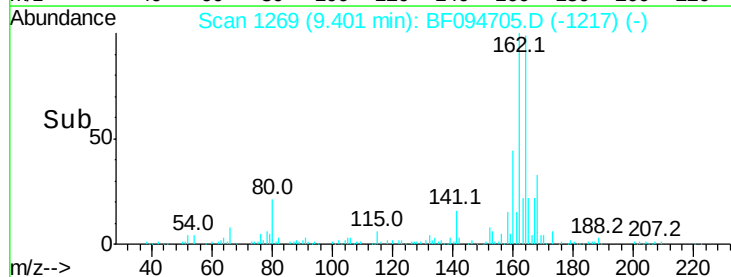
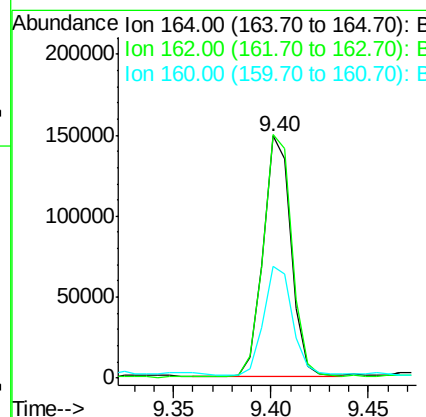
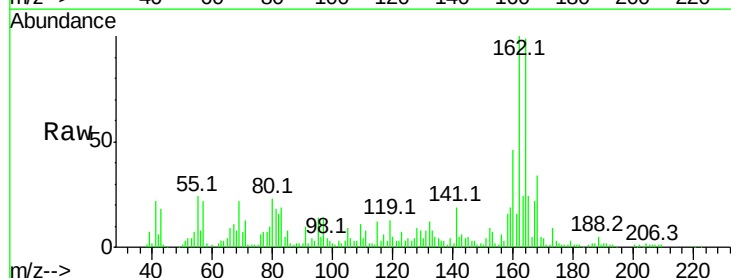
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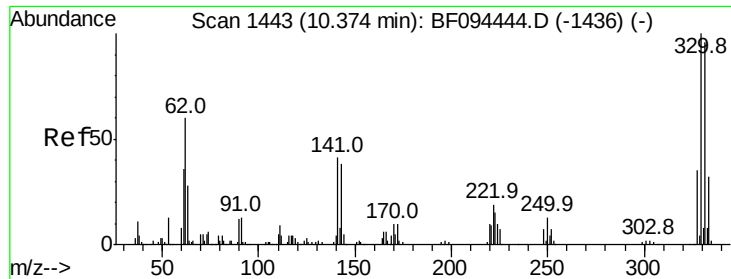
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094705.D
Acq: 29 Apr 2017 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147239		
162	100.6	82.6	123.8	
160	45.9	36.2	54.2	





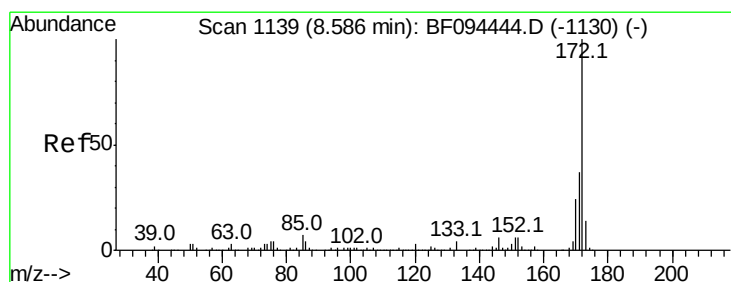
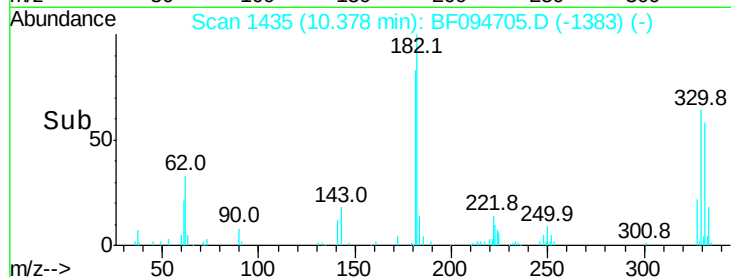
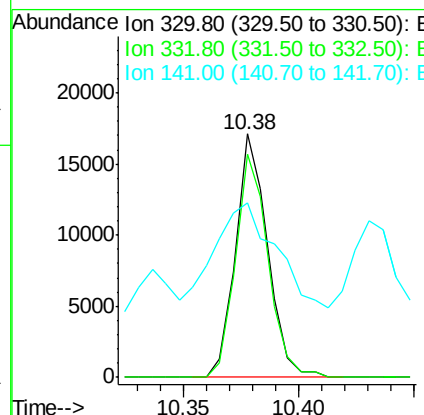
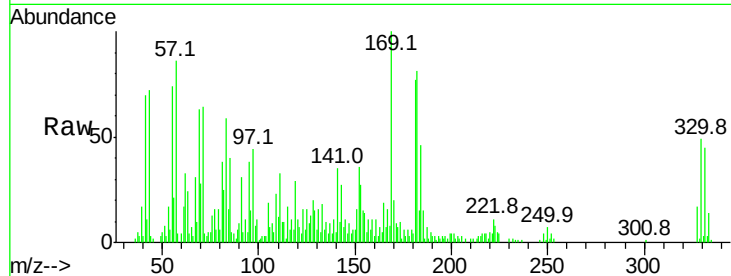
#41
 2,4,6-Tribromophenol
 Concen: 14.31 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Instrument :
 BNA_F
 ClientSampled :
 UT-WDL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.4	76.6	115.0	
141	81.0	31.4	47.2#	

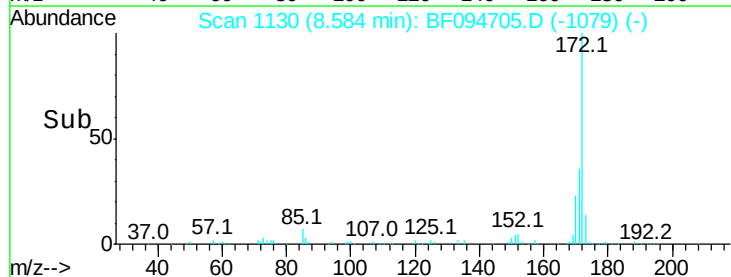
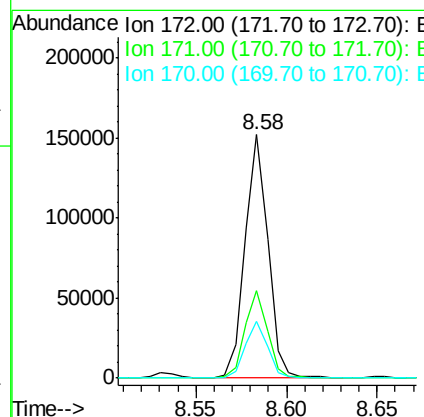
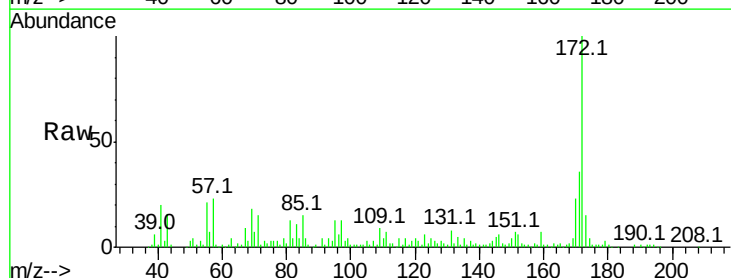
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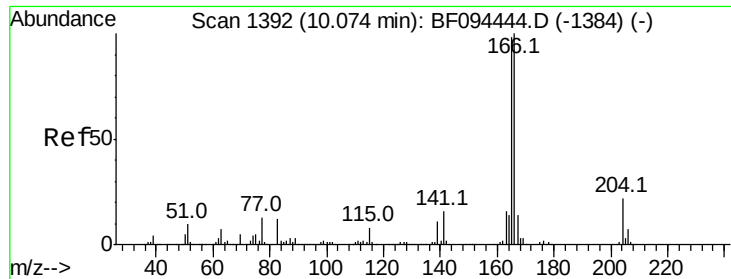
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#44
 2-Fluorobiphenyl
 Concen: 13.45 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	23.3	19.8	29.8	





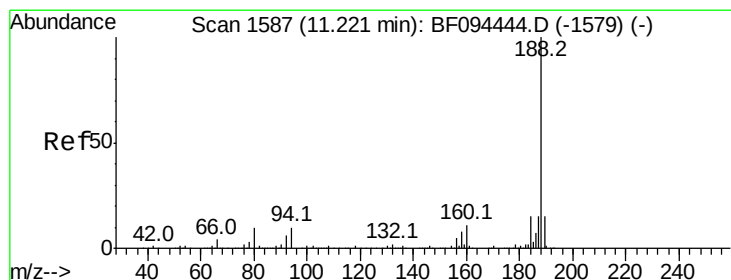
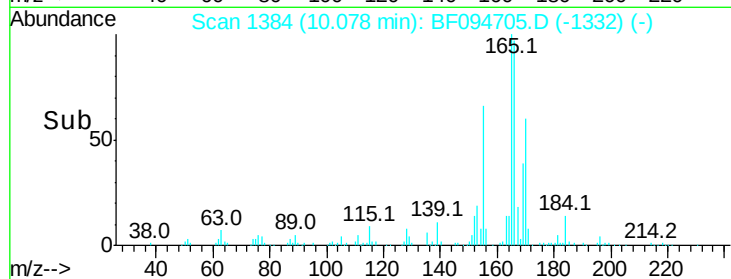
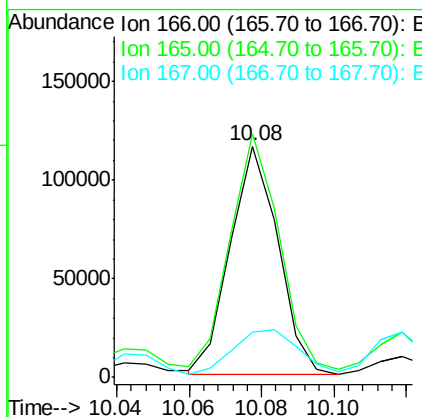
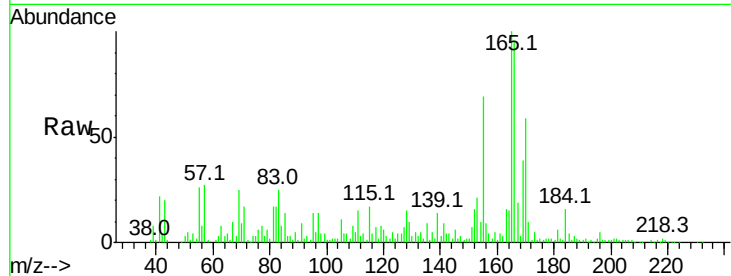
#57
Fluorene
 Concen: 10.55 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 UT-WDL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	106674		
165	105.3	78.8	118.2	
167	19.7	10.6	16.0	

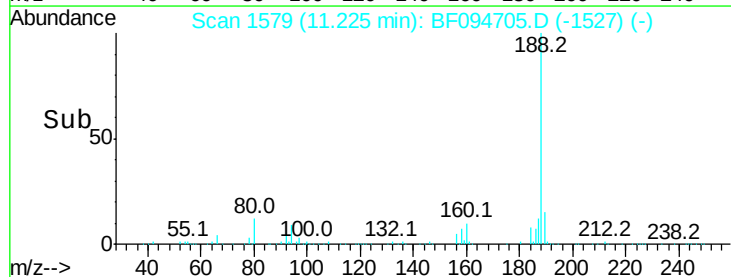
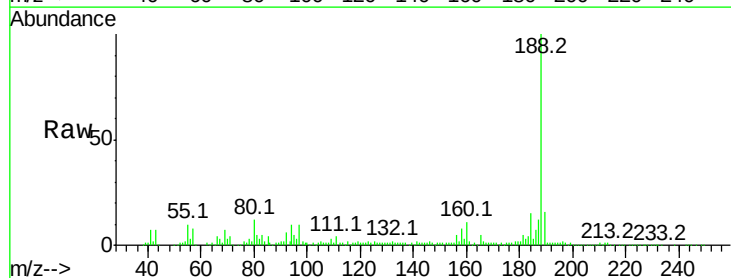
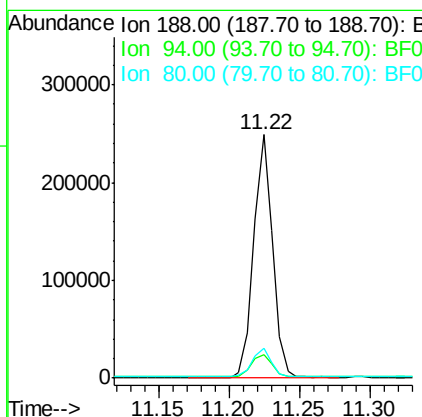
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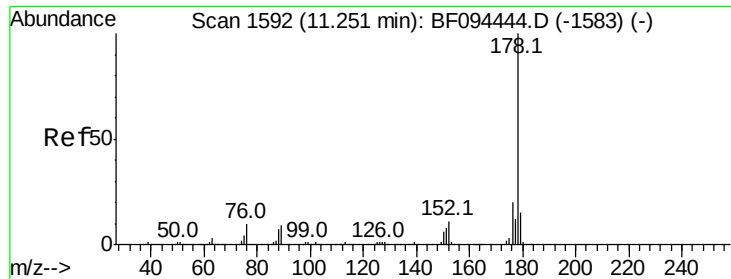
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF094705.D
 Acq: 29 Apr 2017 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	235833		
94	9.9	9.4	14.2	
80	12.3	10.2	15.2	





#70

Phenanthrene

Concen: 27.05 ng

RT: 11.25 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Instrument :

BNA_F

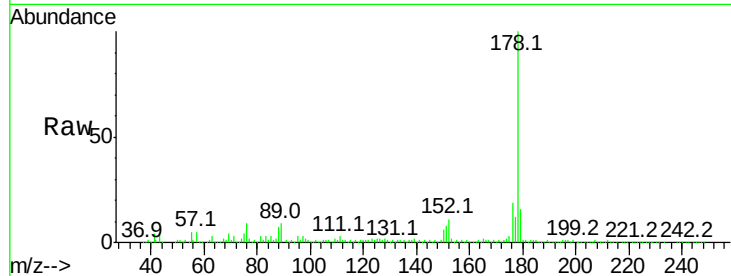
ClientSampled :

UT-WDL

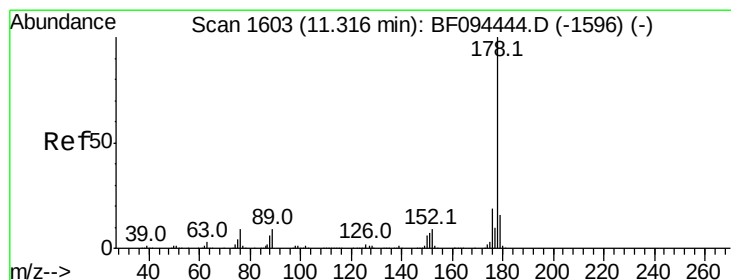
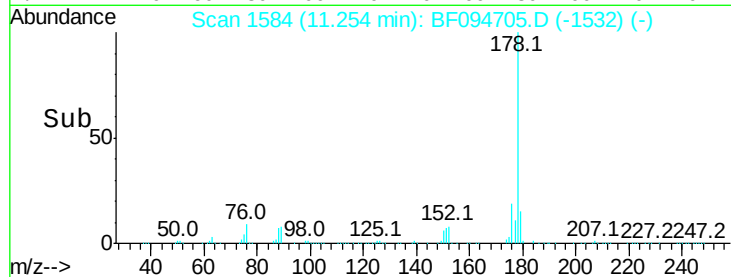
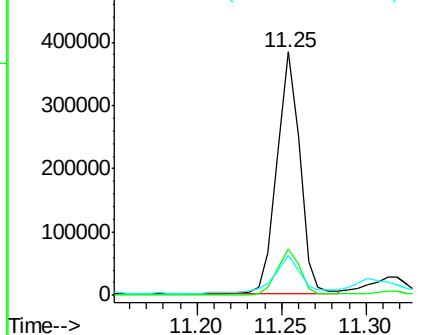
Tot Ion:	178	Resp:	359252
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	16.4	12.6	19.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.24 ng m

RT: 11.31 min Scan# 1594

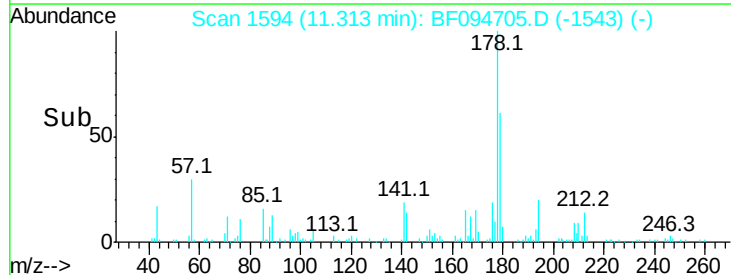
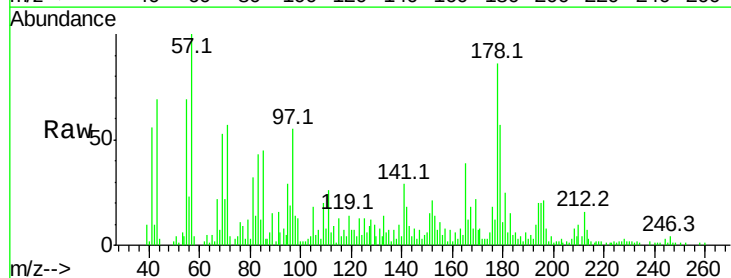
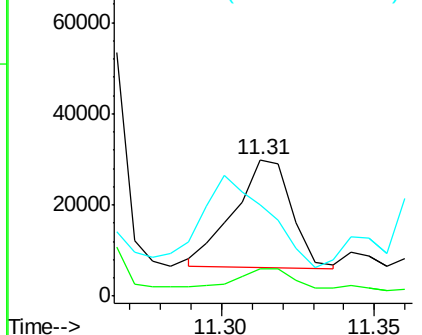
Delta R.T. -0.00 min

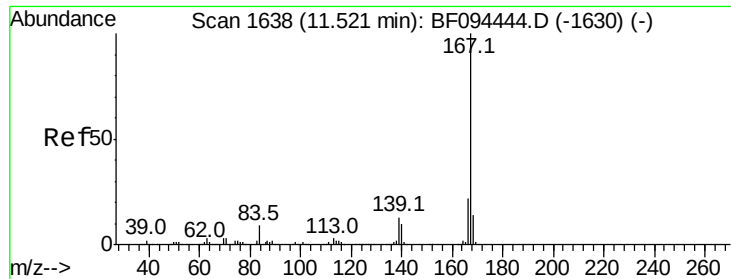
Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Tgt Ion:	178	Resp:	30824
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	66.5	12.7	19.1#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.88 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Instrument :

BNA_F

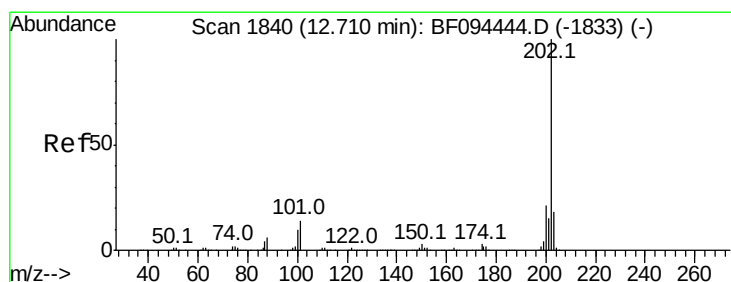
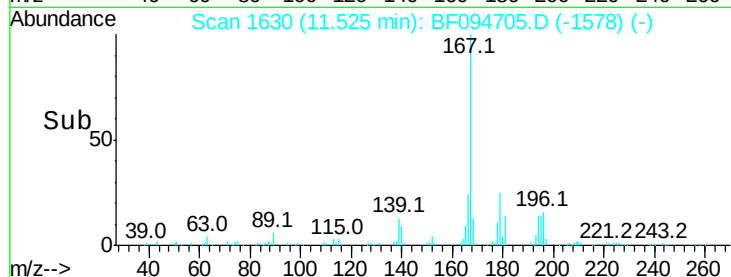
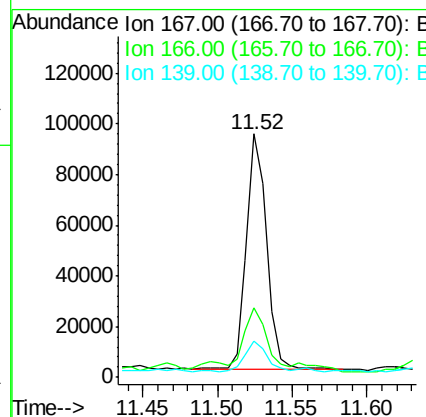
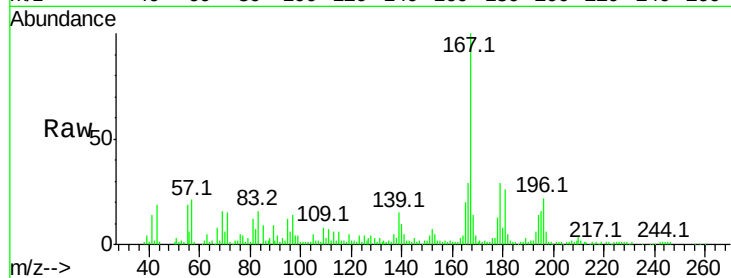
ClientSampleId :

UT-WDL

Tot Ion:167	Resp:	88700
Ion Ratio	Lower	Upper
167	100	
166	28.8	18.1 27.1#
139	15.1	11.7 17.5

Manual Integrations
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#74

Fluoranthene

Concen: 6.72 ng

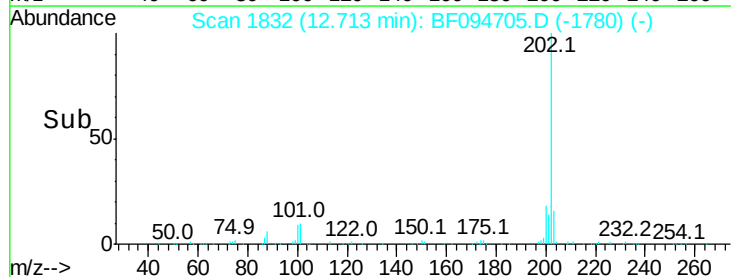
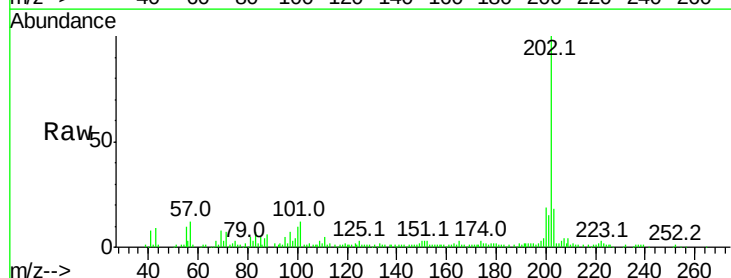
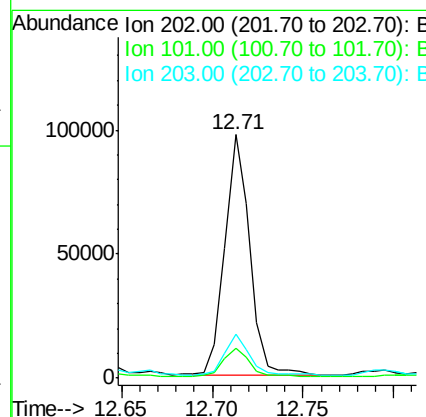
RT: 12.71 min Scan# 1832

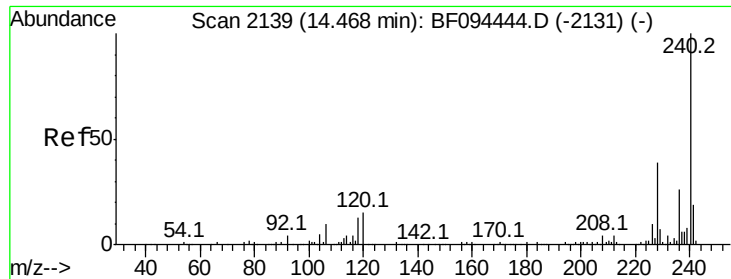
Delta R.T. 0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Tgt Ion:202	Resp:	92484
Ion Ratio	Lower	Upper
202	100	
101	12.5	0.0 33.2
203	17.8	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Instrument :

BNA_F

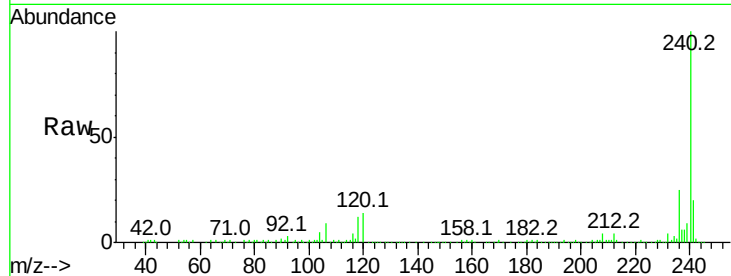
ClientSampled :

UT-WDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.3	20.5	30.7

Manual Integrations
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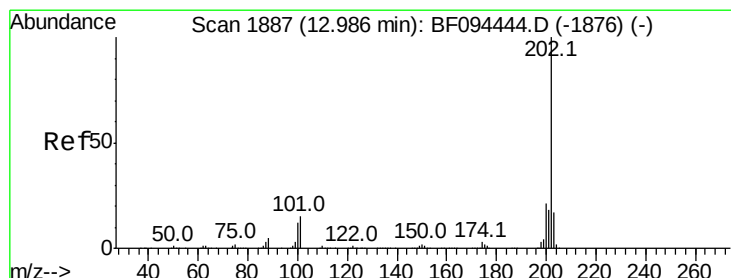
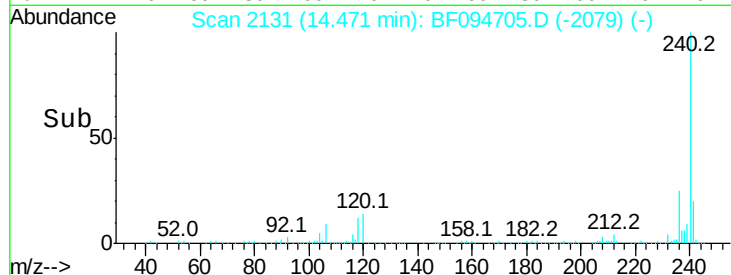
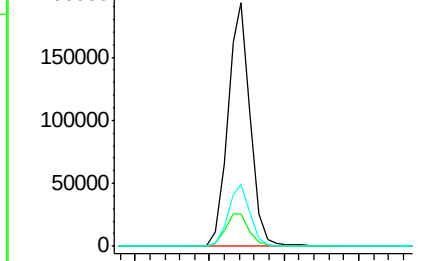
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.18 ng

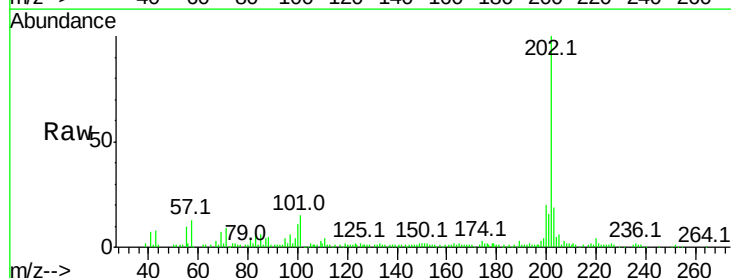
RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

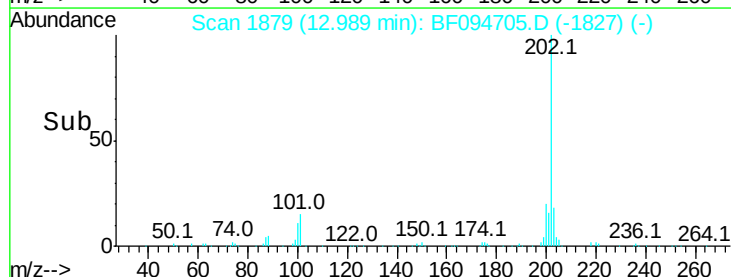
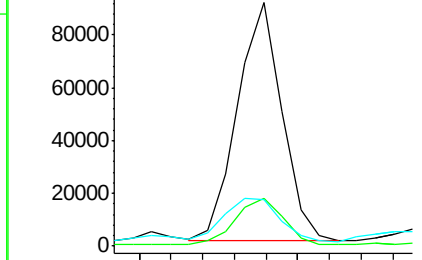
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	18.9	14.4	21.6

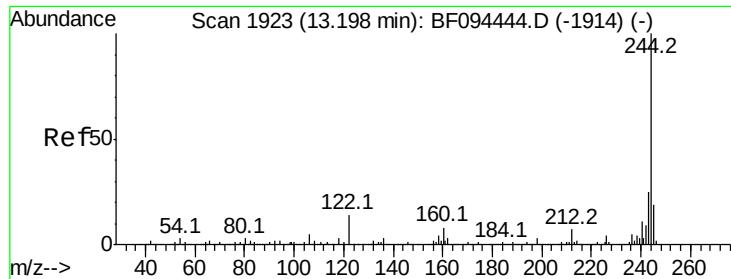


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.12 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Instrument :

BNA_F

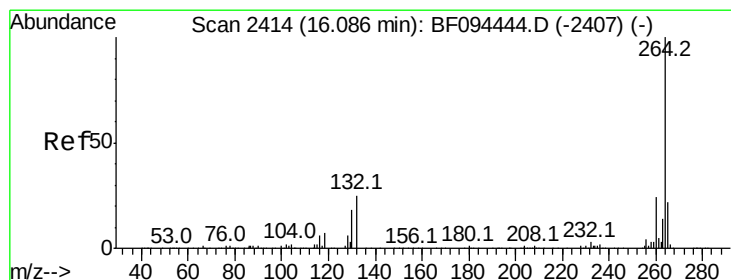
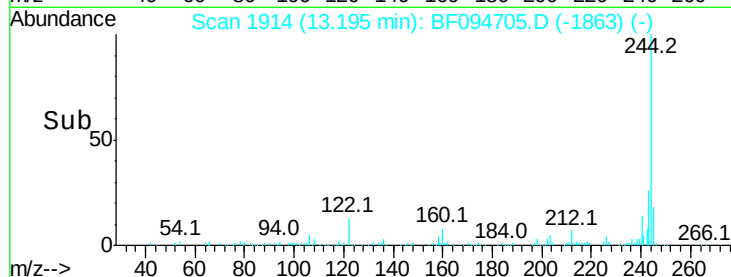
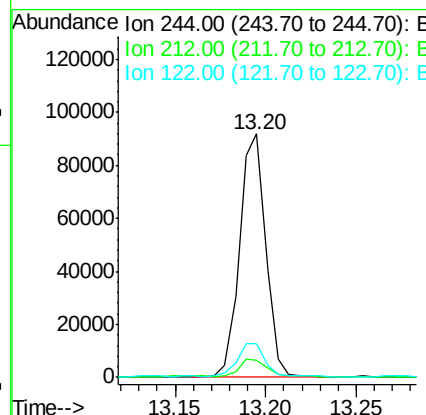
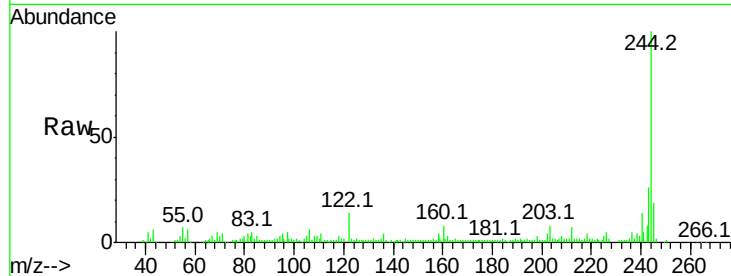
ClientSampleId :

UT-WDL

Tot Ion:	244	Resp:	92334
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.6	10.3	15.5

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094705.D

Acq: 29 Apr 2017 1:01

Tgt Ion:	264	Resp:	162817
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8

