

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090204.D
 Acq On : 23 Sep 2016 18:16
 Operator : UM/SJ
 Sample : H4867-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-07

Manual Integrations
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Quant Time: Sep 23 19:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 18:09:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	121776	20.00	ng	-0.03
21) Naphthalene-d8	7.78	136	452478	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	222498	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	261545	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	237200	20.00	ng	-0.03
86) Perylene-d12	14.93	264	268241	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	960270	128.53	ng	-0.01
7) Phenol-d6	6.16	99	1255844	136.11	ng	-0.01
23) Nitrobenzene-d5	7.06	82	693767	88.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	231331	121.19	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	930046	82.06	ng	-0.03
78) Terphenyl-d14	12.57	244	598042	64.01	ng	-0.03
Target Compounds						
22) Acetophenone	6.91	105	96006	8.80	ng	# 96
49) Dimethylphthalate	9.26	163	335046	23.64	ng	99
74) Fluoranthene	12.18	202	51184	3.90	ng	98
77) Pyrene	12.41	202	47187	2.91	ng	97
80) Benzo(a)anthracene	13.59	228	26898	2.11	ng	# 85
87) Benzo(b)fluoranthene	14.58	252	39417m	2.65	ng	

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

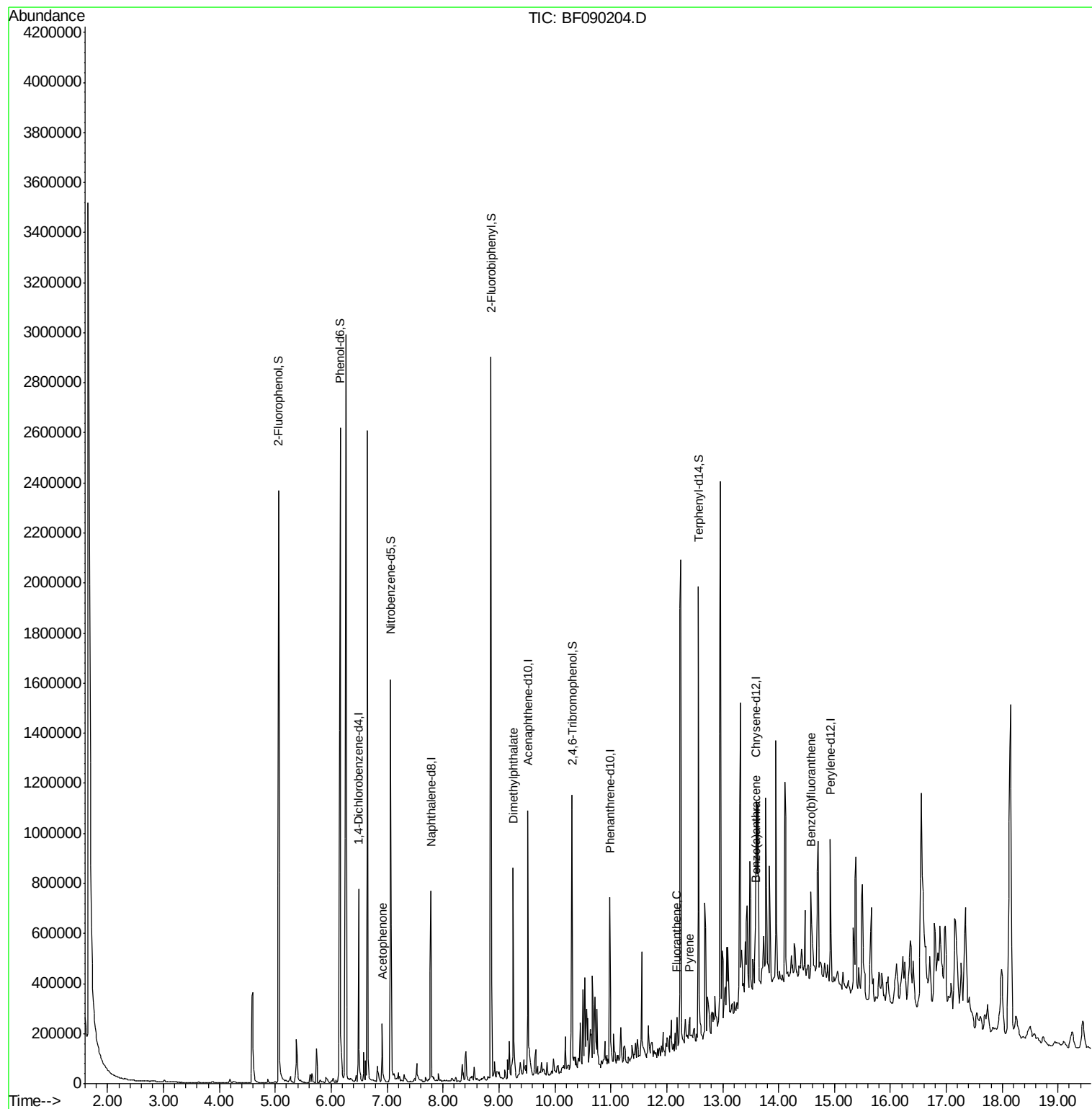
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
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Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

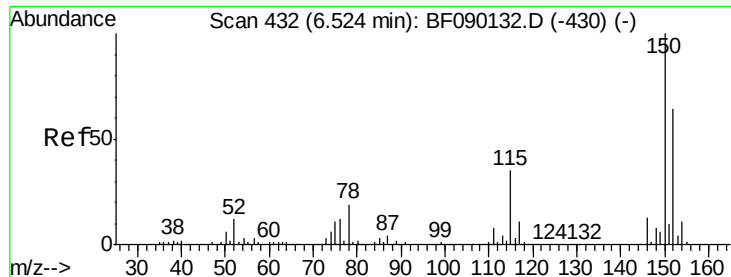
Instrument :
BNA_F
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TS-WSG-16121-07

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Quant Time: Sep 23 19:02:25 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

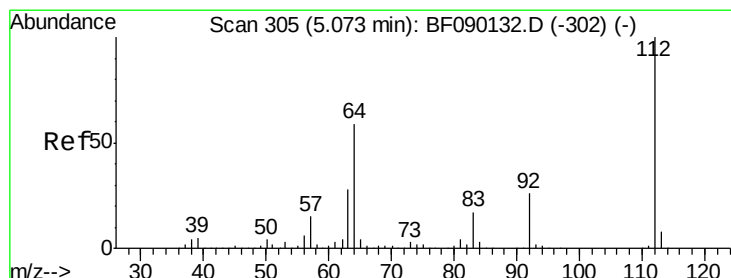
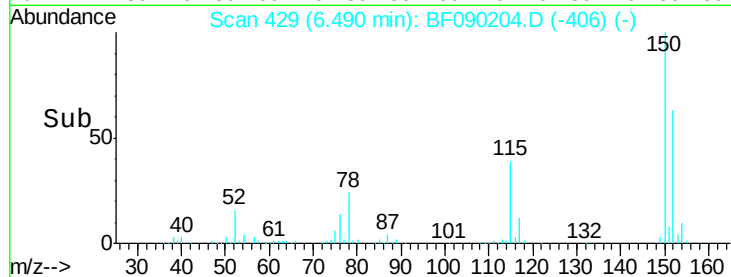
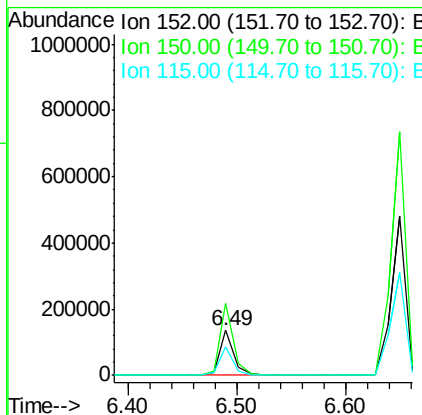
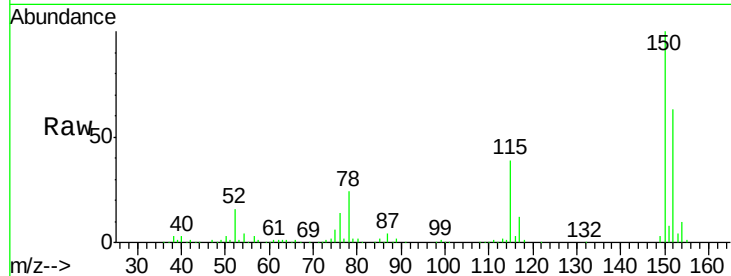
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF090204.D
 Acq: 23 Sep 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.9	193.3
115	62.1	55.5	83.3

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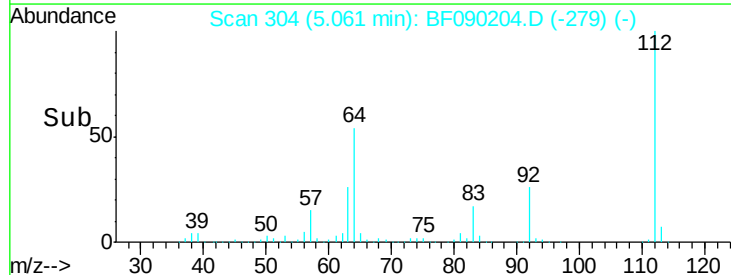
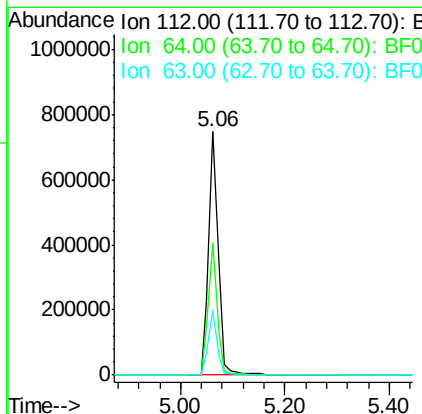
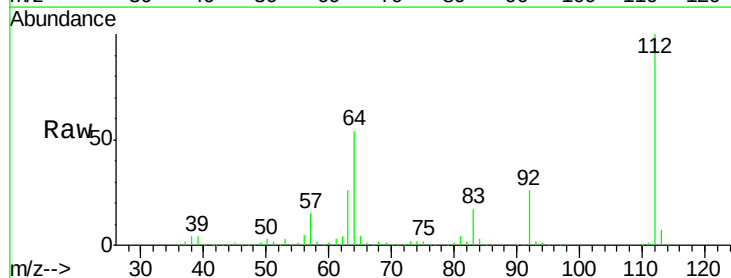
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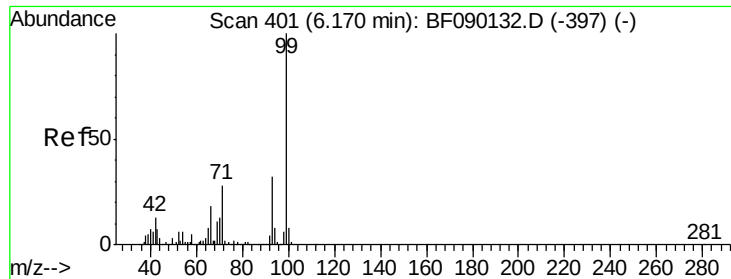


#5

2-Fluorophenol
 Concen: 128.53 ng
 RT: 5.06 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF090204.D
 Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.8	59.6
63	26.5	18.9	28.3





#7

Phenol-d6

Concen: 136.11 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-07

Tot Ion: 99 Resp: 1255844

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

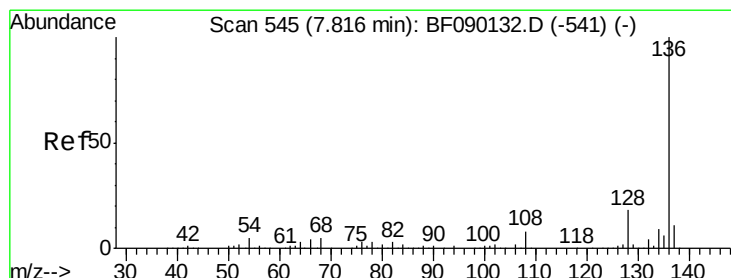
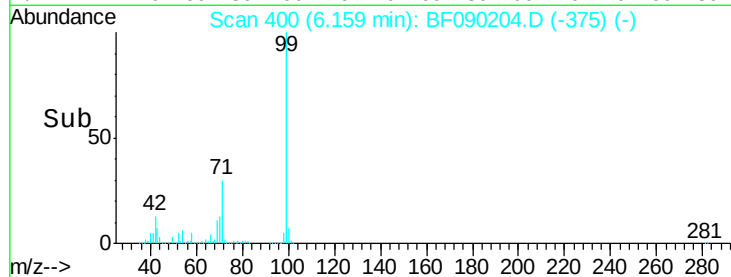
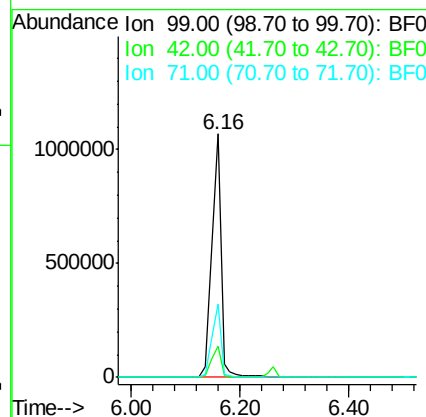
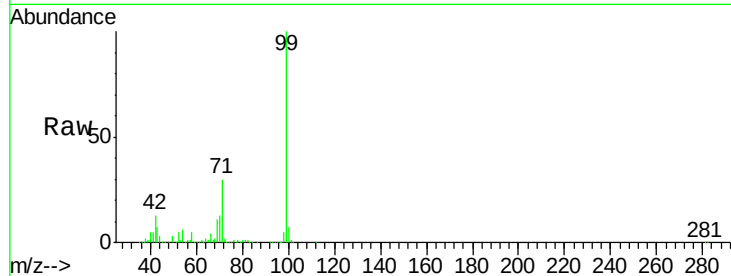
71 30.2 23.0 34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Tgt Ion: 136 Resp: 452478

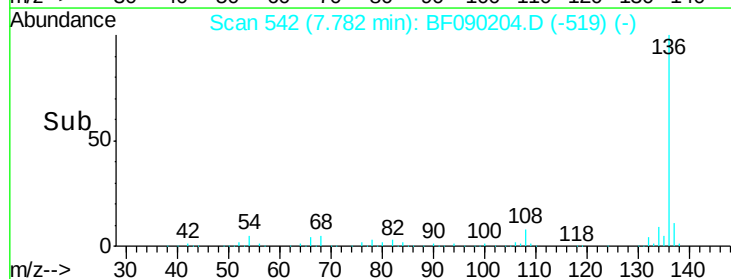
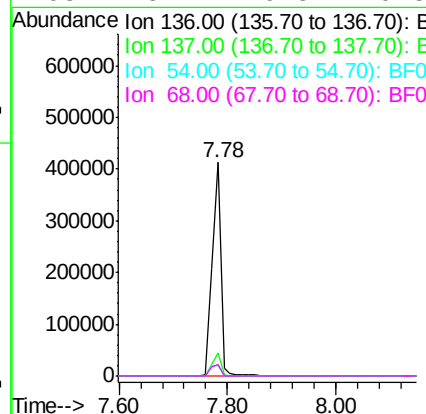
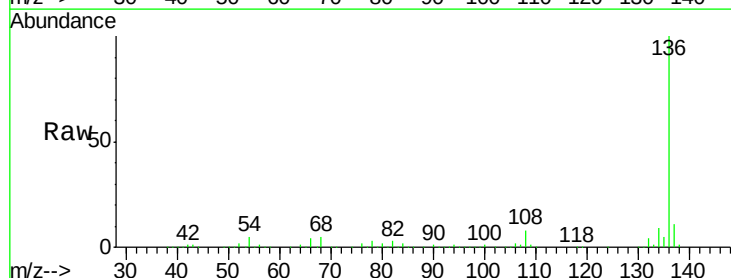
Ion Ratio Lower Upper

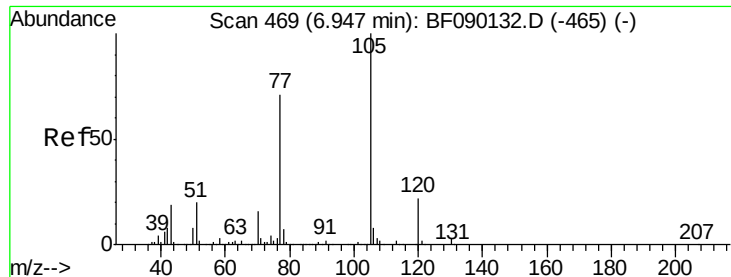
136 100

137 10.6 9.0 13.4

54 4.9 6.4 9.6#

68 5.2 6.3 9.5#





#22

Acetophenone

Concen: 8.80 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Instrument :

BNA_F

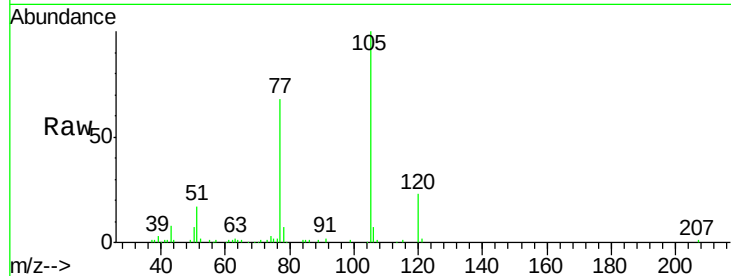
ClientSampleId :

TS-WSG-16121-07

Tot Ion:	105	Resp:	96006
Ion Ratio	Lower	Upper	
105	100		
71	0.7	4.1	6.1#
51	17.4	16.2	24.2
120	22.7	18.2	27.2

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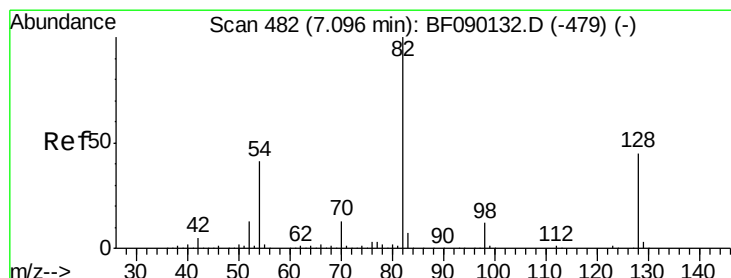
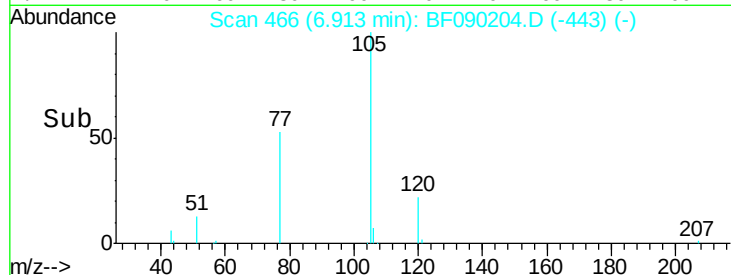
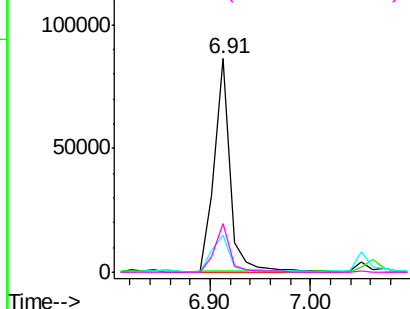


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.88 ng

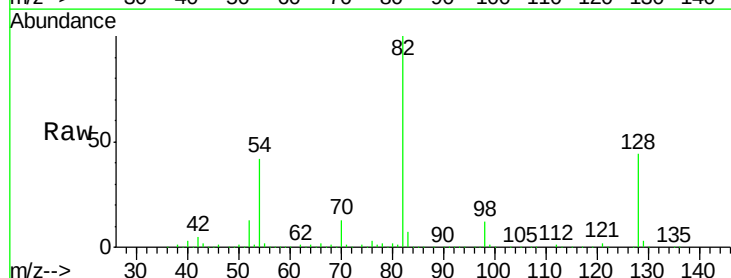
RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

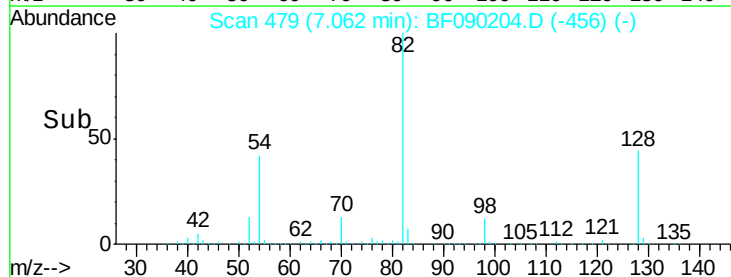
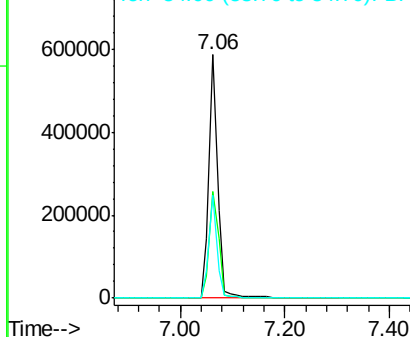
Tgt Ion:	82	Resp:	693767
Ion Ratio	Lower	Upper	
82	100		
128	43.6	37.5	56.3
54	42.3	31.9	47.9

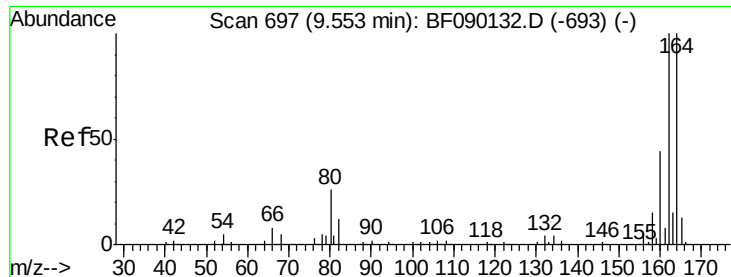


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





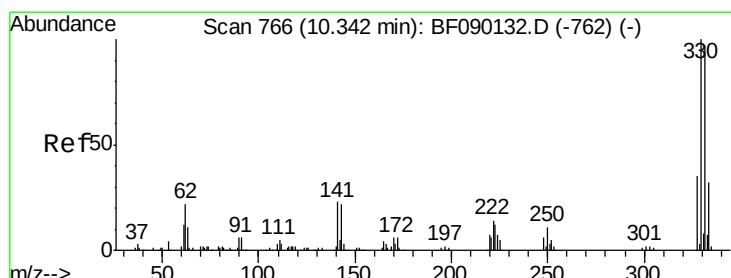
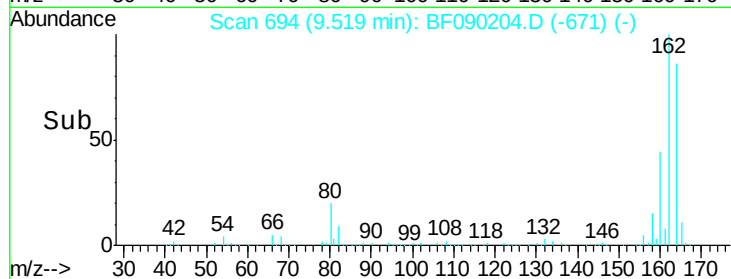
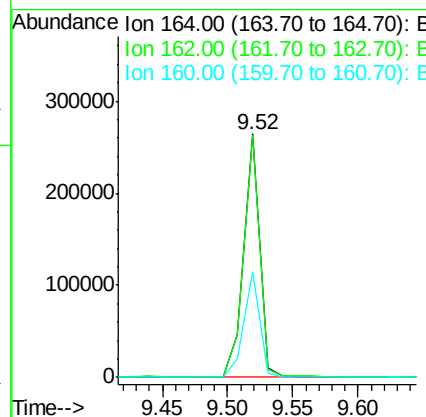
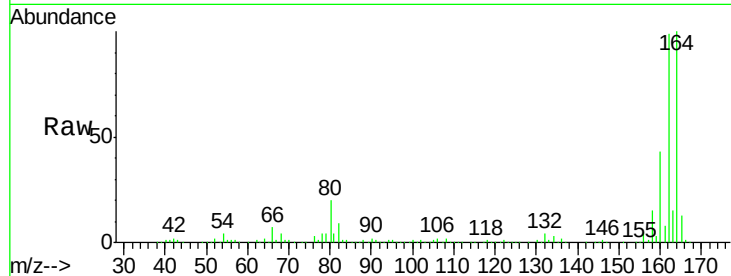
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

Tot Ion	Ratio	Resp	Lower	Upper
164	100	222498		
162	99.4	81.4	122.2	
160	43.3	36.6	54.8	

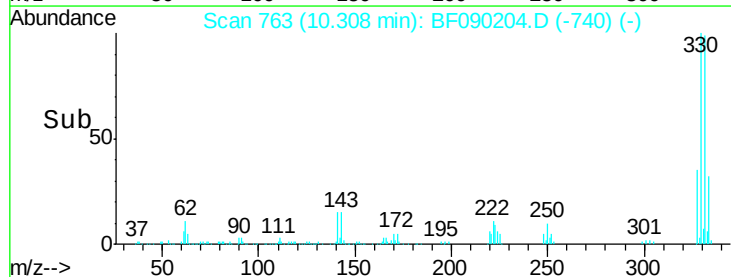
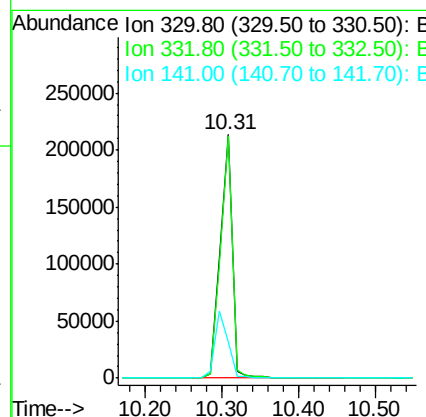
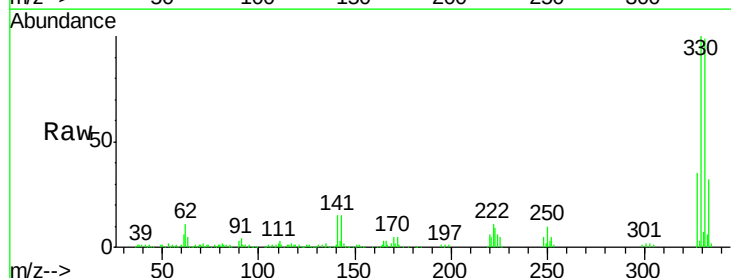
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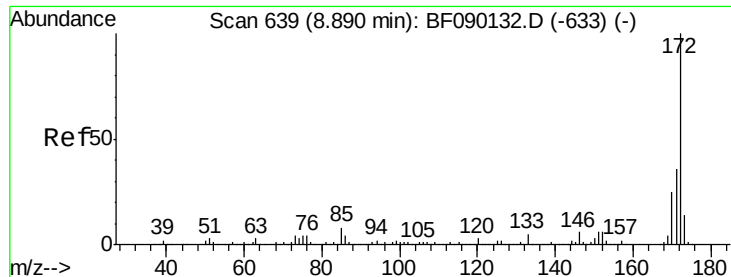
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#41
2,4,6-Tribromophenol
Concen: 121.19 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	231331		
332	98.0	78.1	117.1	
141	29.8	23.9	35.9	





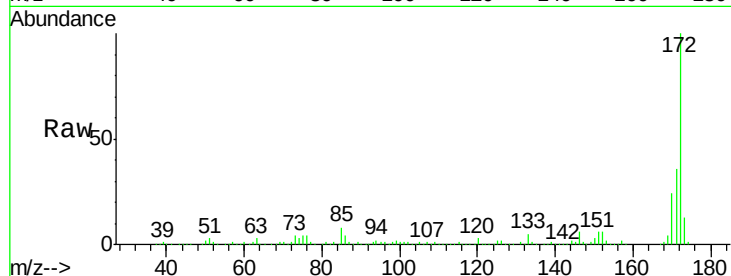
#44
2-Fluorobiphenyl
Concen: 82.06 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

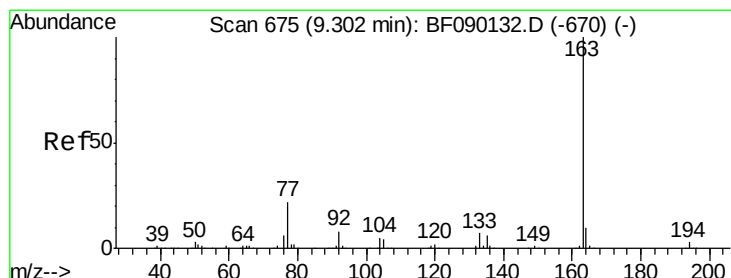
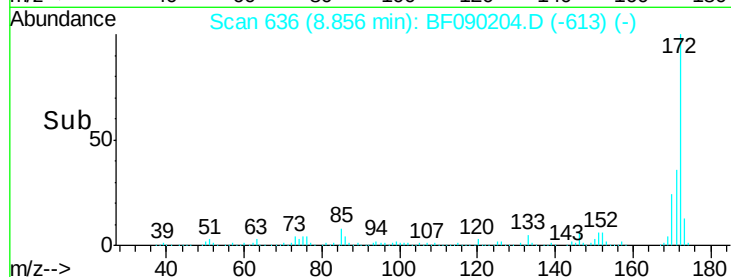
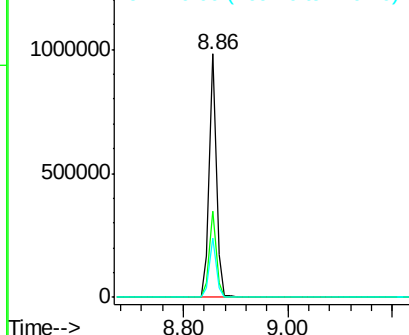
Tot Ion	Ratio	Resp	Lower	Upper
172	100	930046		
171	35.6		29.2	43.8
170	24.2		19.8	29.8

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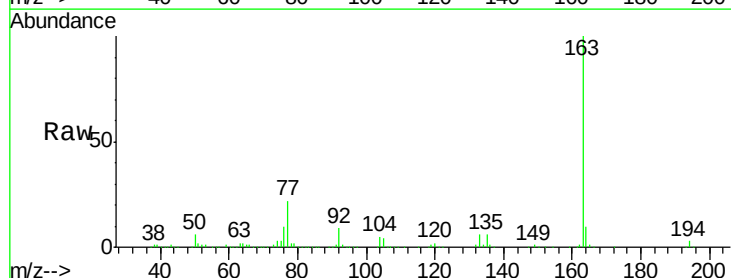


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

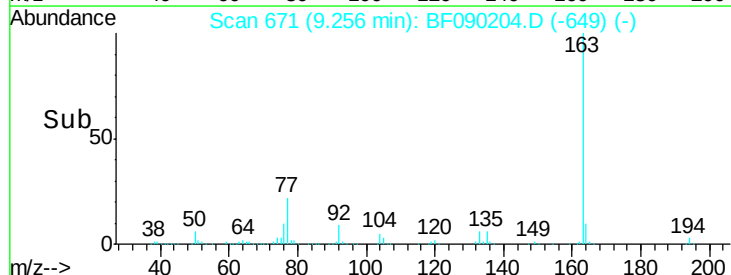
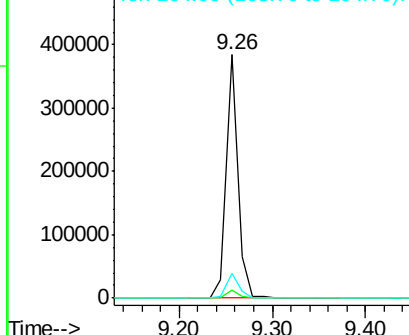


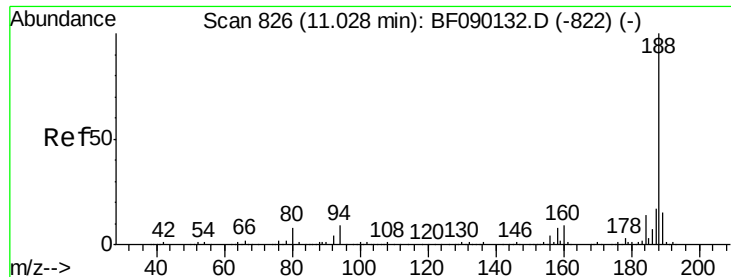
#49
Dimethylphthalate
Concen: 23.64 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	335046		
194	3.2		2.8	4.2
164	10.4		8.1	12.1



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





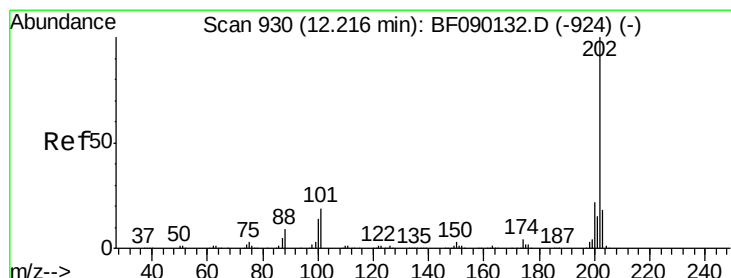
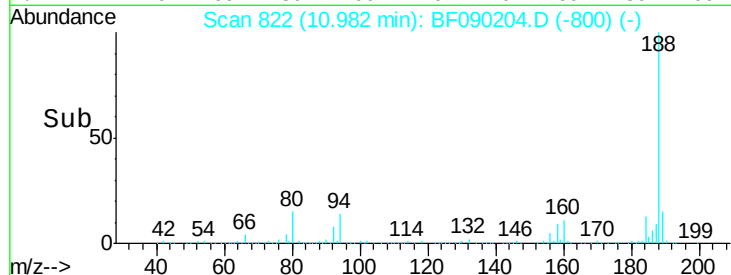
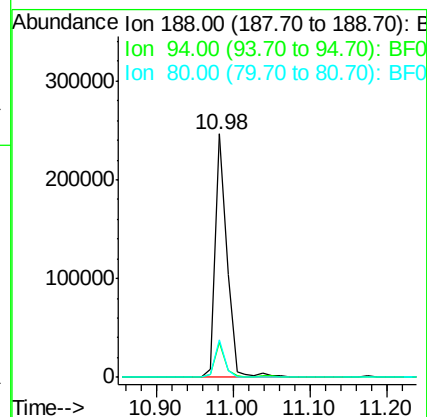
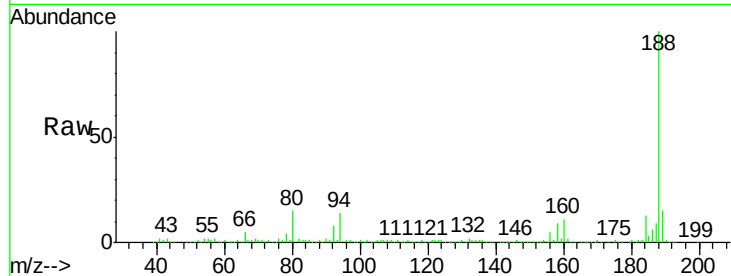
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

Tot Ion	Ratio	Resp	Lower	Upper
188	100	261545		
94	14.2		10.5	15.7
80	15.5		11.2	16.8

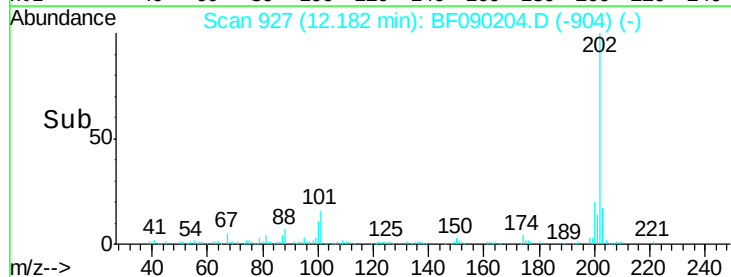
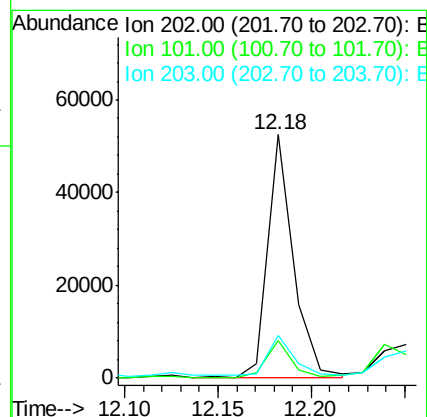
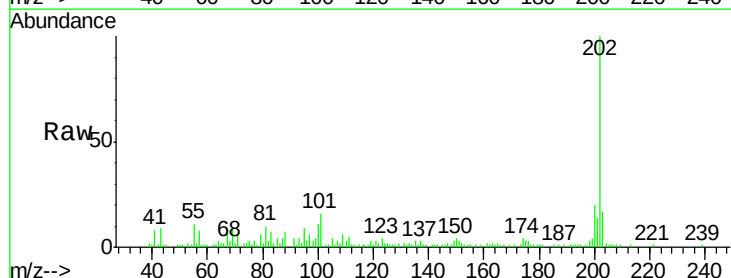
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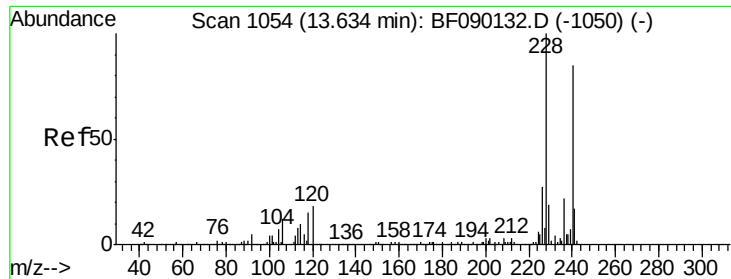
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#74
Fluoranthene
Concen: 3.90 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51184		
101	15.5		0.0	36.1
203	17.5		0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Instrument :

BNA_F

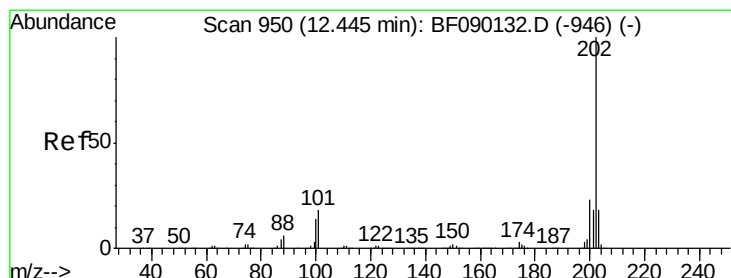
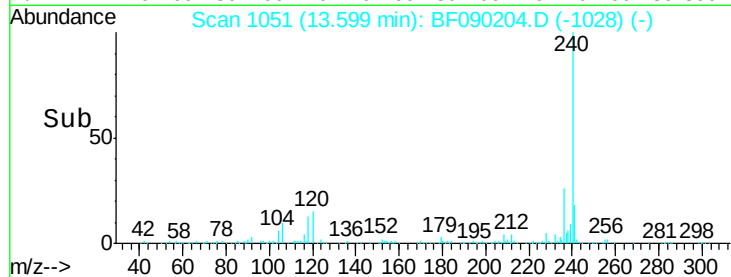
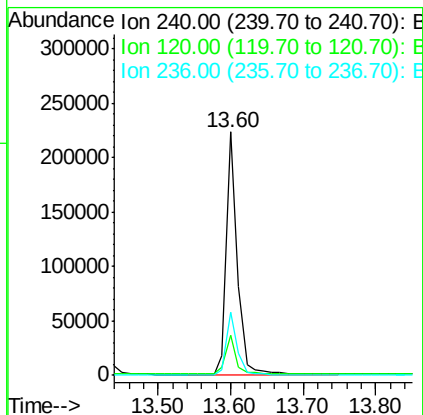
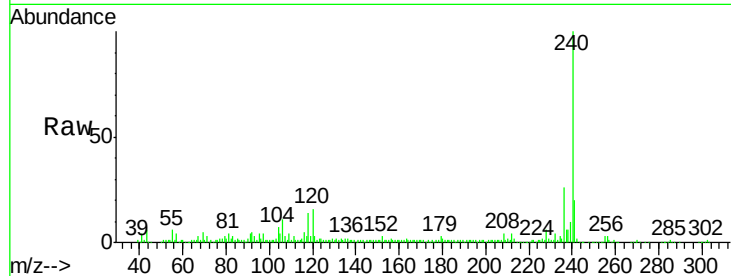
ClientSampleId :

TS-WSG-16121-07

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	10.6	16.0#
236	25.9	21.6	32.4

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#77

Pyrene

Concen: 2.91 ng

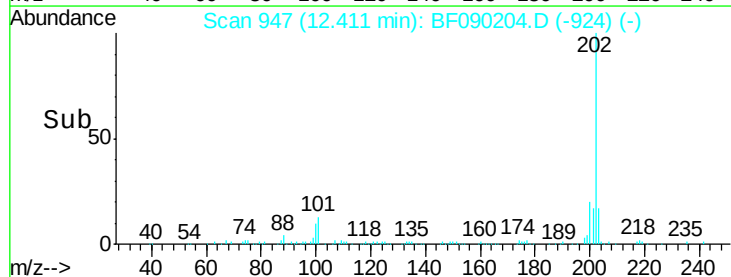
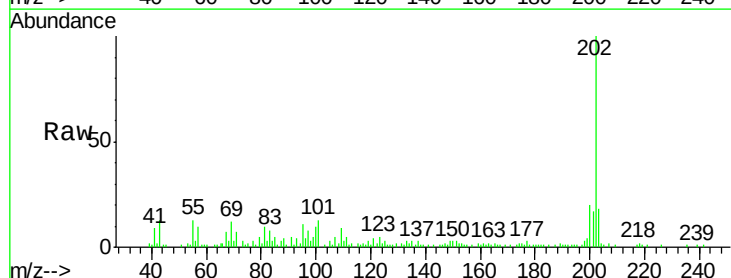
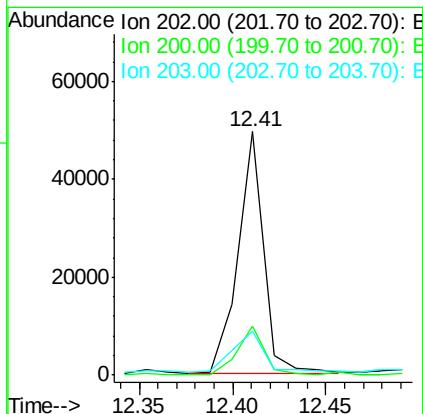
RT: 12.41 min Scan# 947

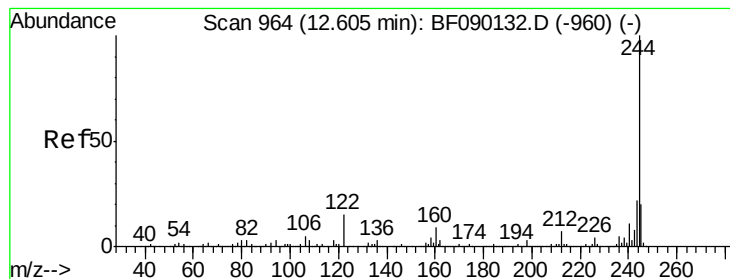
Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.9	26.9
203	17.9	14.2	21.4





#78

Terphenyl-d14

Concen: 64.01 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.03 min

Lab File: BF090204.D

Acq: 23 Sep 2016 18:16

Instrument :

BNA_F

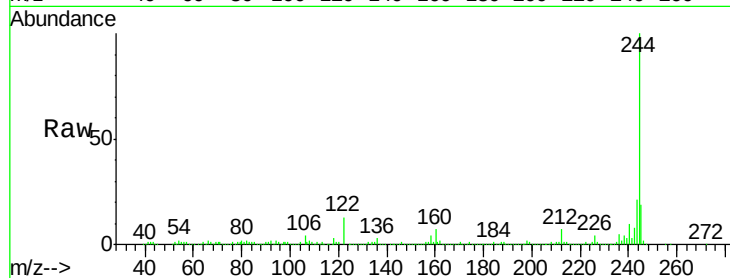
ClientSampleId :

TS-WSG-16121-07

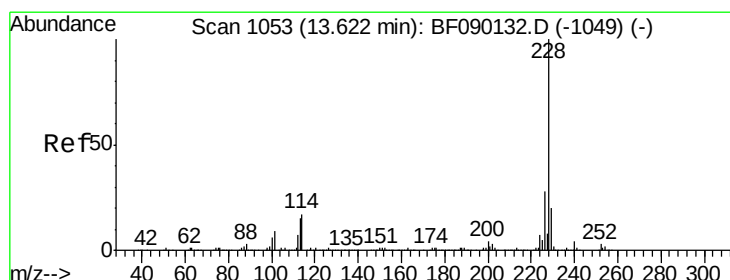
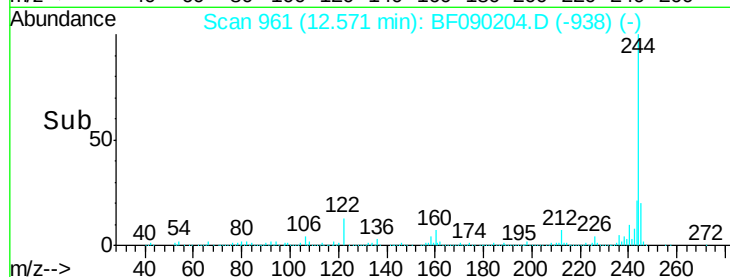
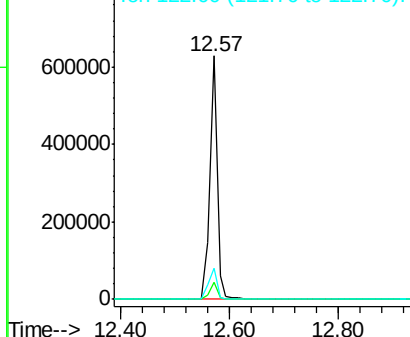
Tot Ion:	244	Resp:	598042
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.9	9.4	14.0

Manual Integrations
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9/26/2016 5:58:11 PM



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: 2.11 ng

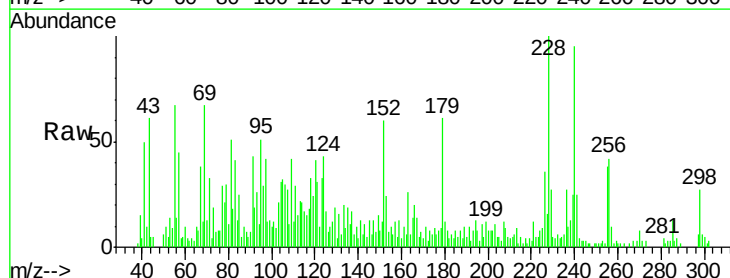
RT: 13.59 min Scan# 1050

Delta R.T. -0.03 min

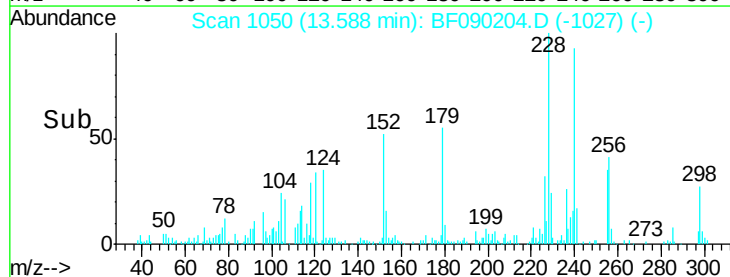
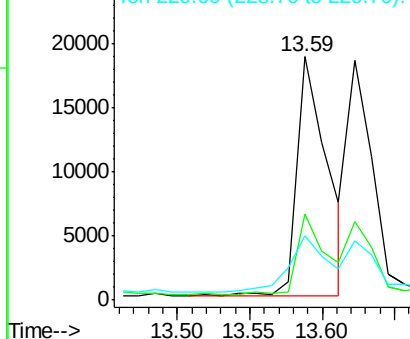
Lab File: BF090204.D

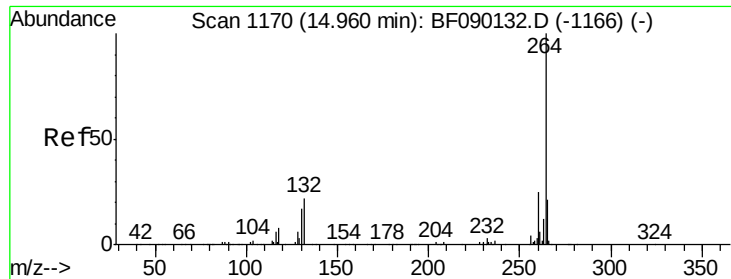
Acq: 23 Sep 2016 18:16

Tgt Ion:	228	Resp:	26898
Ion Ratio	Lower	Upper	
228	100		
226	35.6	22.0	33.0#
229	26.5	16.2	24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





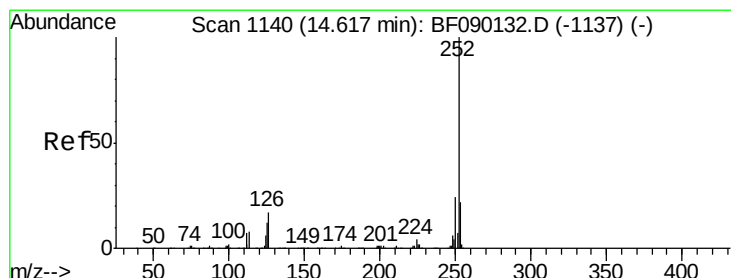
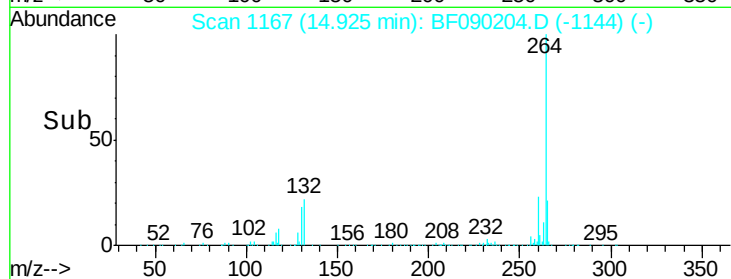
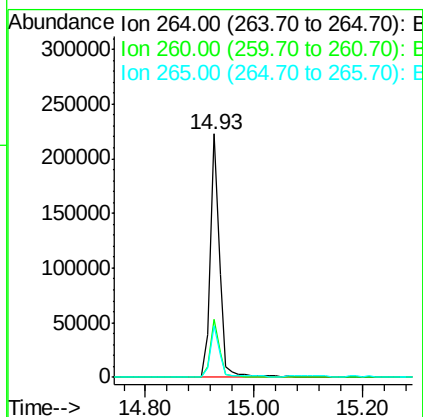
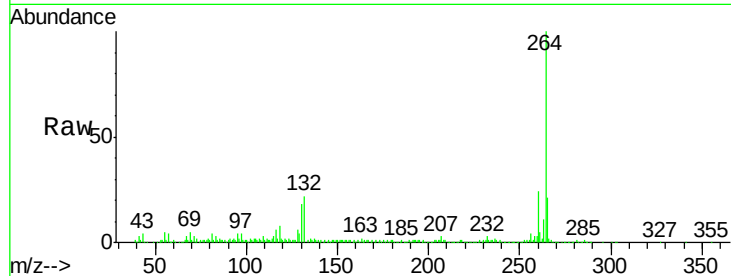
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.0	25.4

Manual Integrations
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9/26/2016 5:58:11 PM



#87
Benzo(b)fluoranthene
Concen: 2.65 ng m
RT: 14.58 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	26.2	12.7	19.1

