

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090359.D
 Acq On : 4 Oct 2016 23:12
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Manual Integrations
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Quant Time: Oct 05 04:02:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	196095	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	694984	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	326377	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	620428	20.00	ng	0.00
75) Chrysene-d12	14.20	240	655319	20.00	ng	0.00
86) Perylene-d12	15.71	264	498912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1287984	103.60	ng	0.00
7) Phenol-d6	6.63	99	1776084	114.29	ng	0.00
23) Nitrobenzene-d5	7.57	82	1070214	89.76	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	349229	123.20	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1510990	75.48	ng	0.00
78) Terphenyl-d14	13.14	244	1444375	51.31	ng	0.00
Target Compounds						
22) Acetophenone	7.41	105	180401	11.21	ng	# 93
32) Benzoic acid	7.97	122	7456	6.19	ng	# 82
49) Dimethylphthalate	9.77	163	698991	36.18	ng	99
74) Fluoranthene	12.76	202	96436	3.05	ng	96
77) Pyrene	12.99	202	86215	2.05	ng	96
83) Bis(2-ethylhexyl)phthalate	14.18	149	339473	12.83	ng	# 95
87) Benzo(b)fluoranthene	15.26	252	61047m	2.13	ng	

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

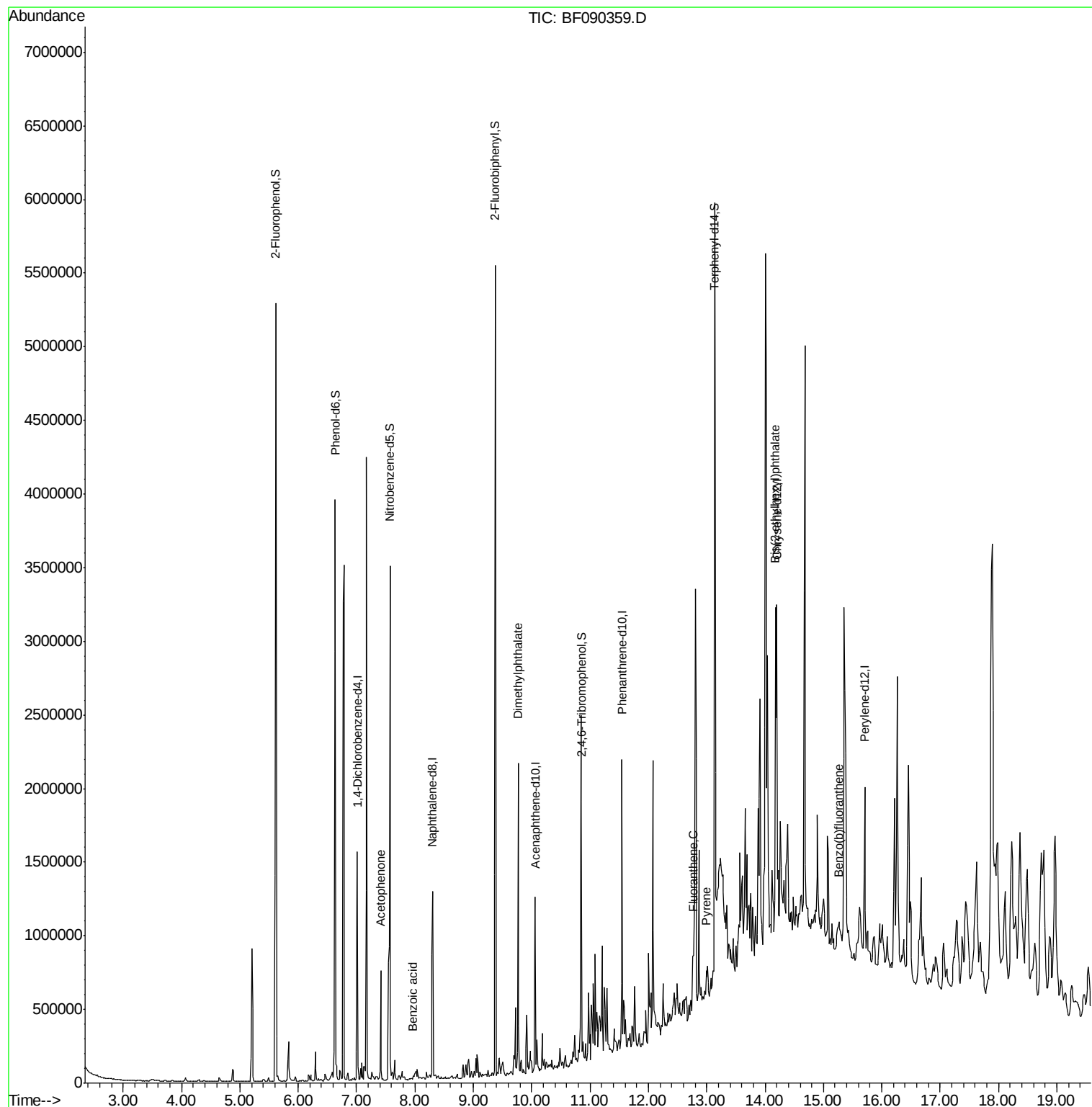
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

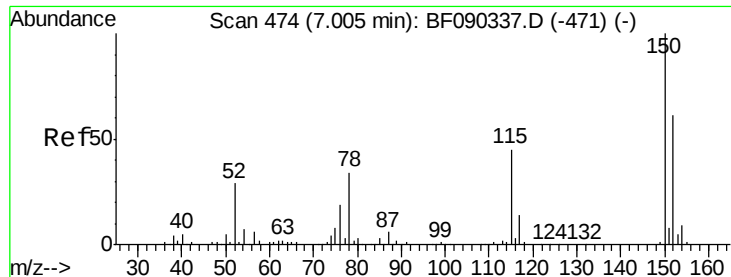
Instrument :
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TS-WSG-16121-03

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#1

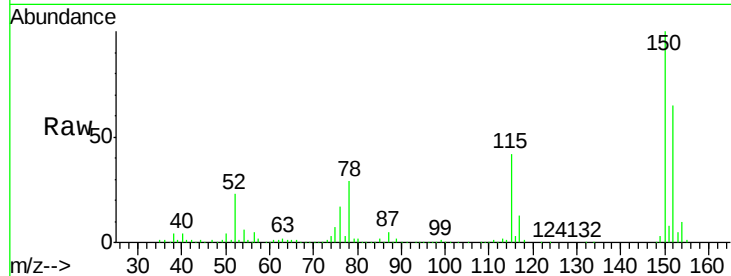
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-03

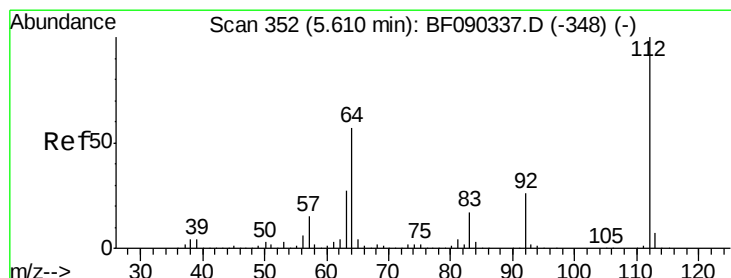
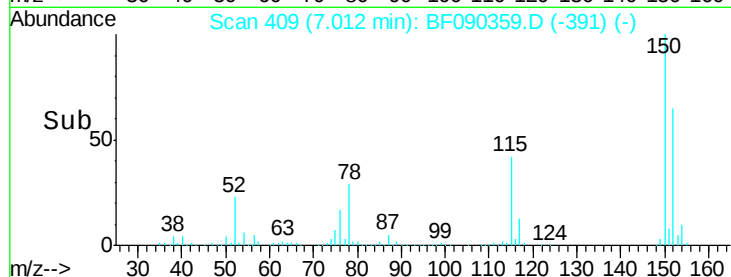
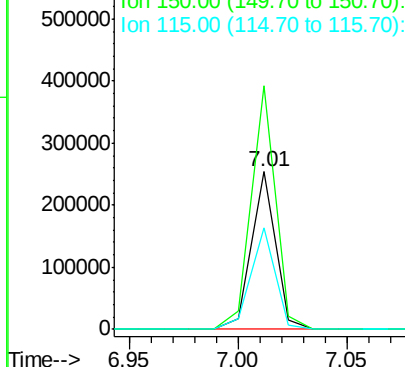
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	64.8	46.2	69.4

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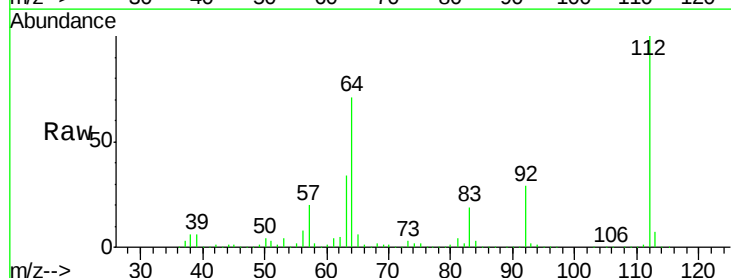
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



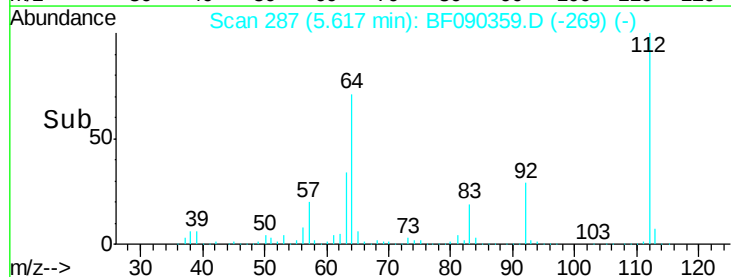
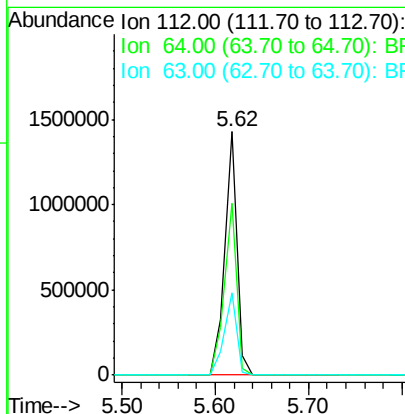
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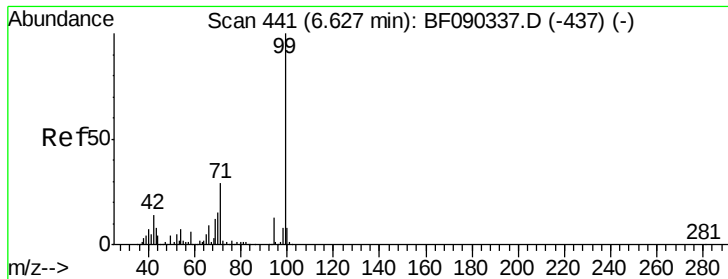
2-Fluorophenol
Concen: 103.60 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.9	86.9
63	33.7	29.6	44.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.29 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090359.D

Acq: 4 Oct 2016 23:12

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

Tgt Ion: 99 Resp: 1776084

Ion Ratio Lower Upper

99 100

42 14.2 20.0 30.0#

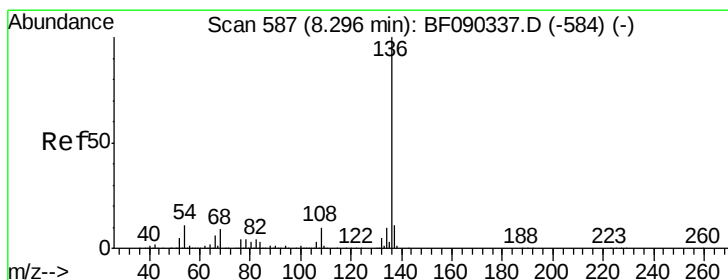
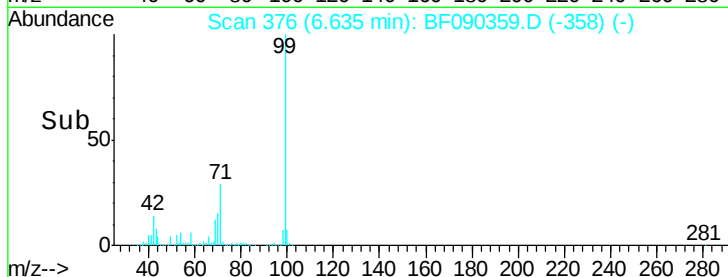
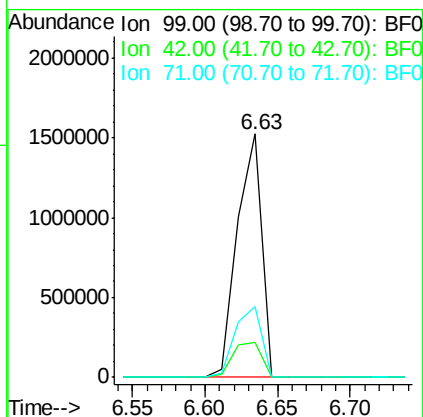
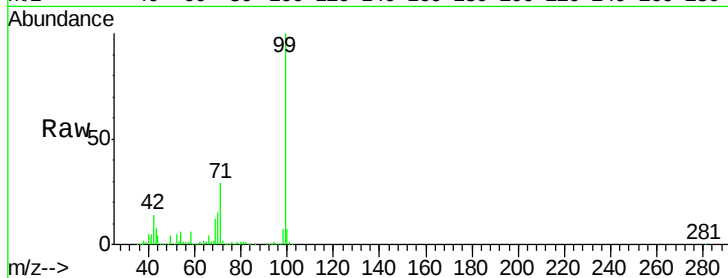
71 29.2 27.9 41.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090359.D

Acq: 4 Oct 2016 23:12

Tgt Ion: 136 Resp: 694984

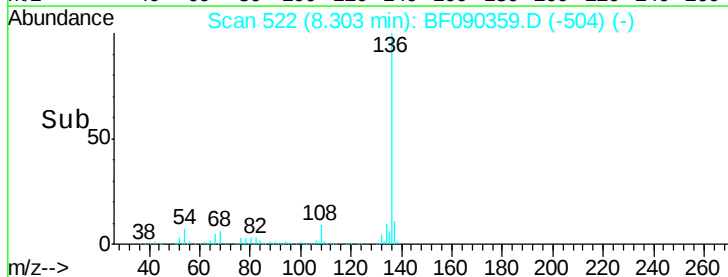
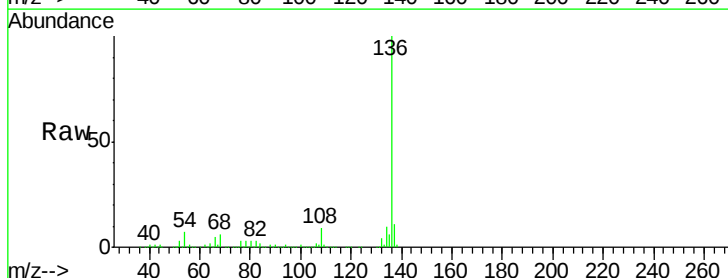
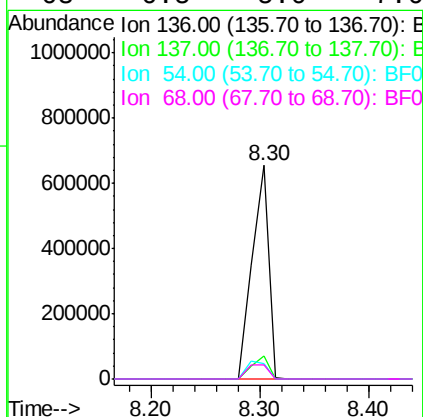
Ion Ratio Lower Upper

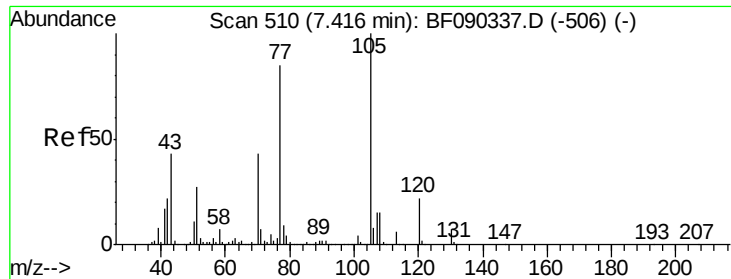
136 100

137 10.7 9.0 13.6

54 7.3 6.6 10.0

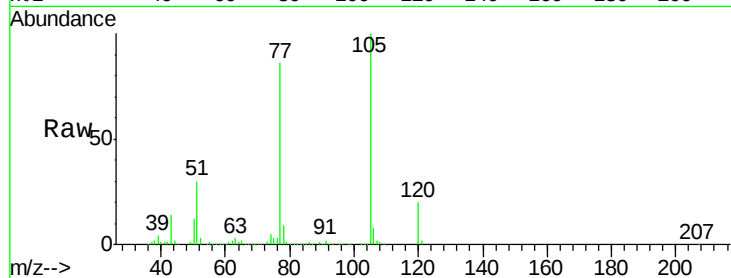
68 6.5 5.0 7.6





#22
Acetophenone
Concen: 11.21 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

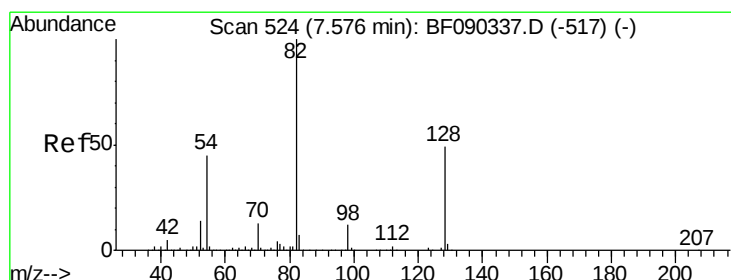
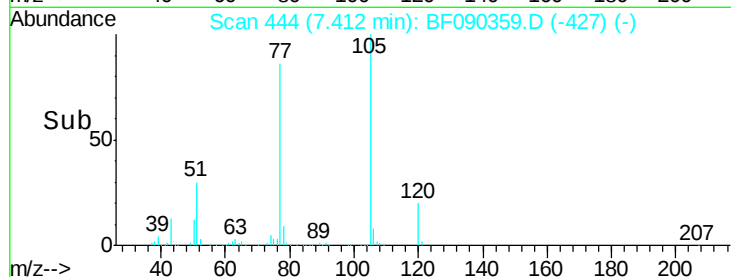
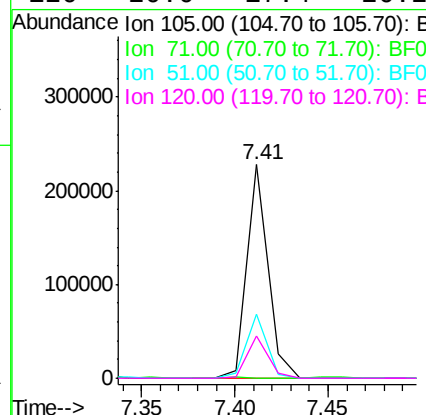
Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-03



Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.8	5.6#
51	30.2	28.2	42.4
120	20.0	17.4	26.2

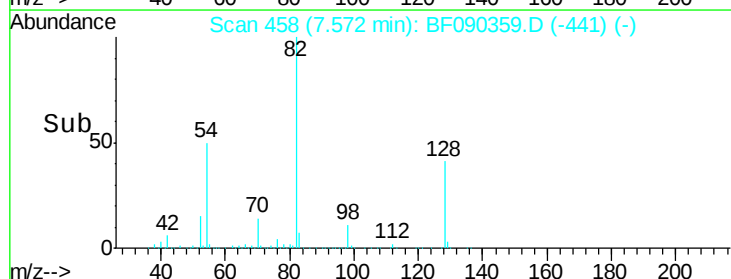
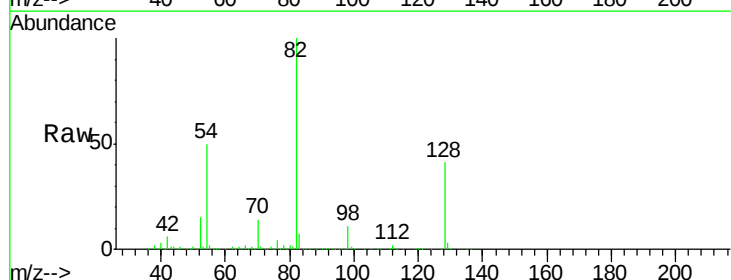
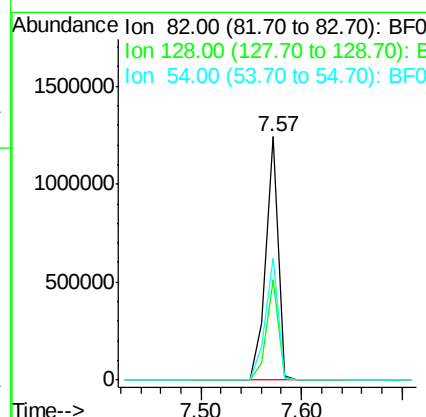
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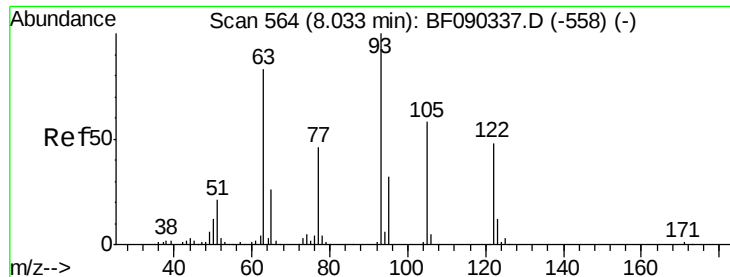
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#23
Nitrobenzene-d5
Concen: 89.76 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.0	60.0
54	50.0	42.6	64.0





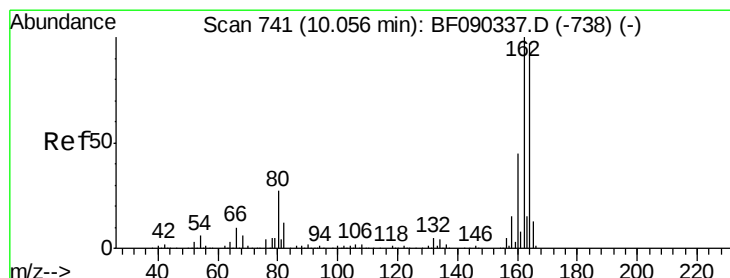
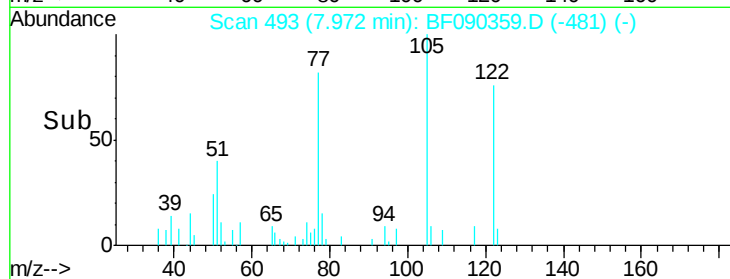
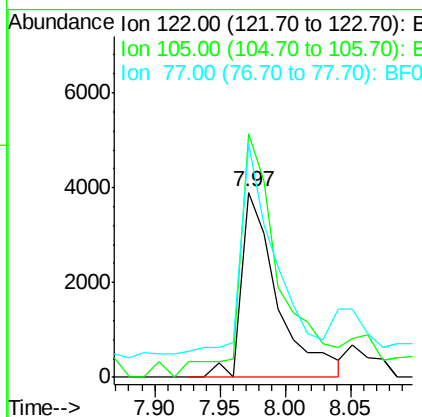
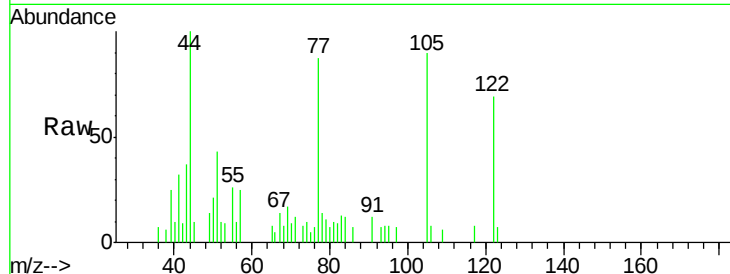
#32
Benzoic acid
Concen: 6.19 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	103.9	143.9
77	125.7	74.6	114.6

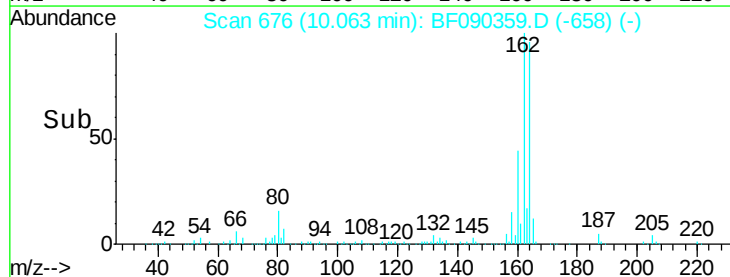
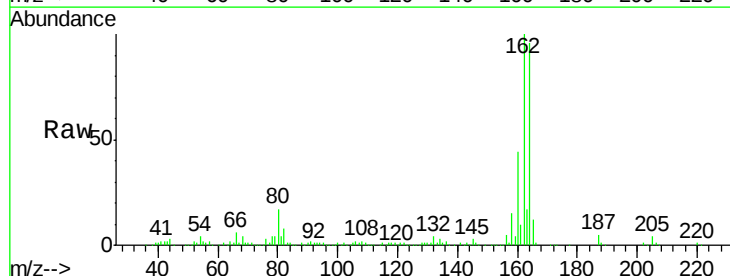
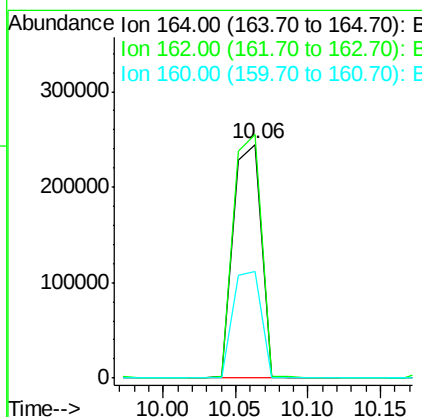
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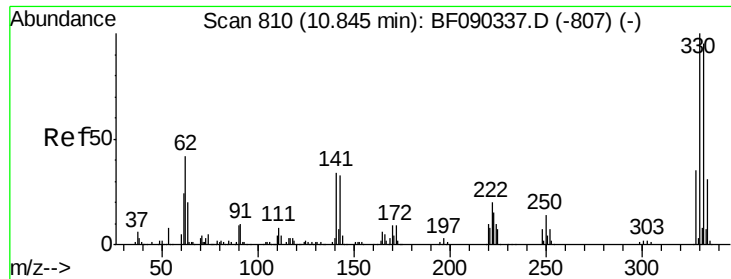
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.1	120.1
160	45.7	36.3	54.5





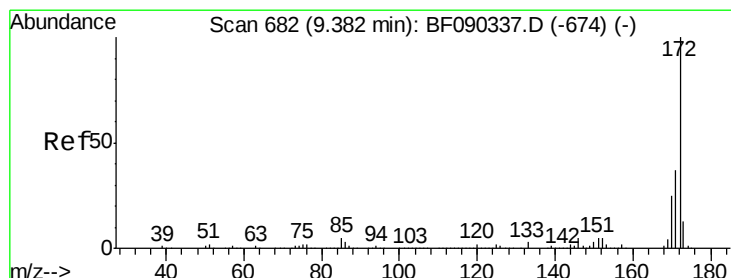
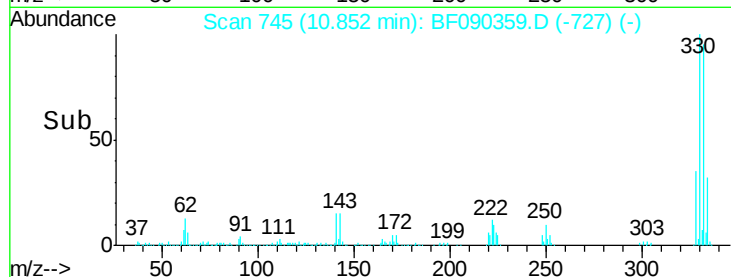
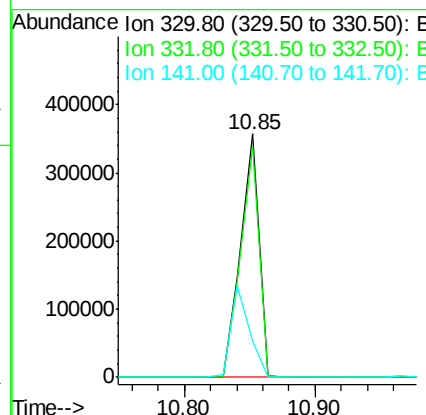
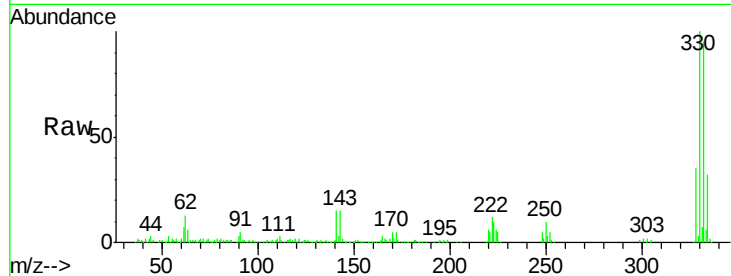
#41
 2,4,6-Tribromophenol
 Concen: 123.20 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090359.D
 Acq: 4 Oct 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	349229		
332	95.4	75.4	113.0	
141	38.3	26.9	40.3	

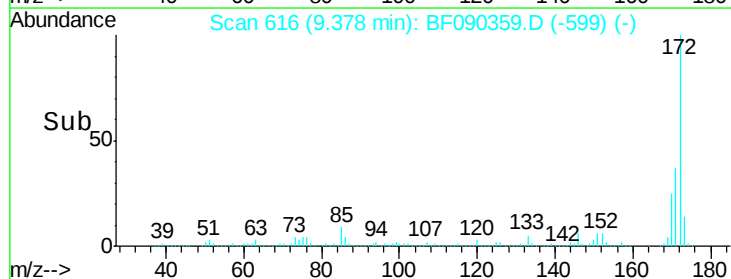
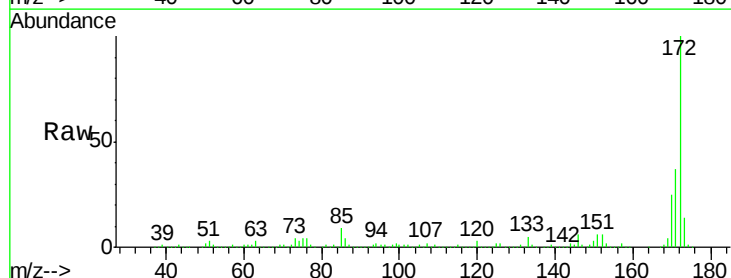
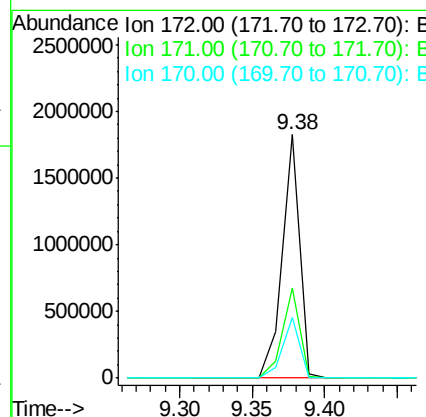
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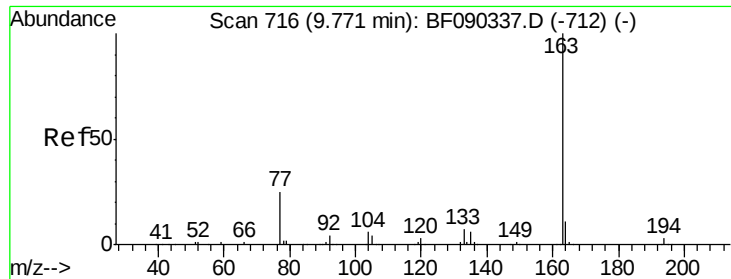
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#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090359.D
 Acq: 4 Oct 2016 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1510990		
171	37.0	31.8	47.8	
170	24.9	21.7	32.5	





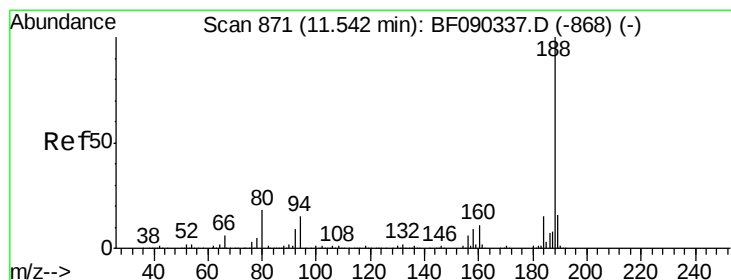
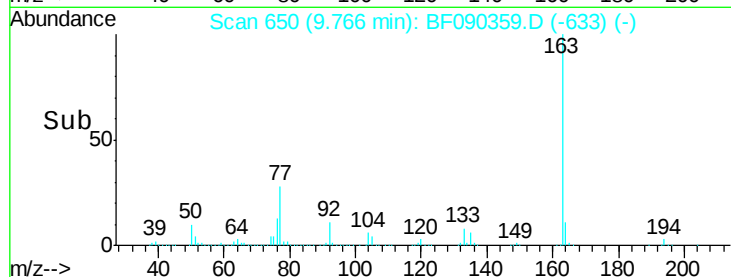
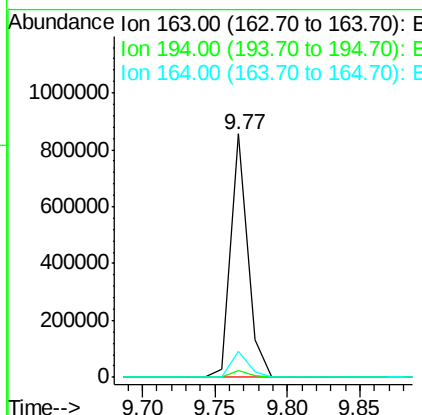
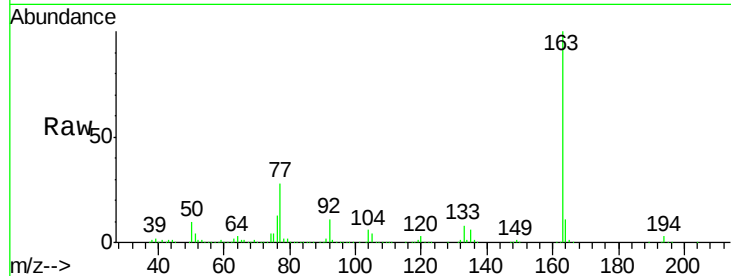
#49
Dimethylphthalate
Concen: 36.18 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	698991		
194	3.0	2.8	4.2	
164	10.7	9.0	13.4	

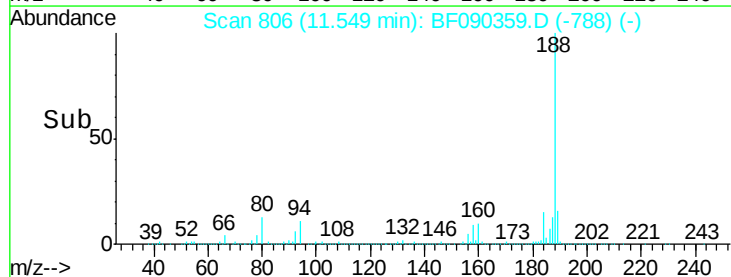
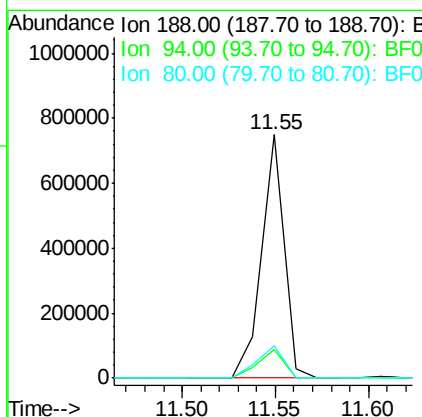
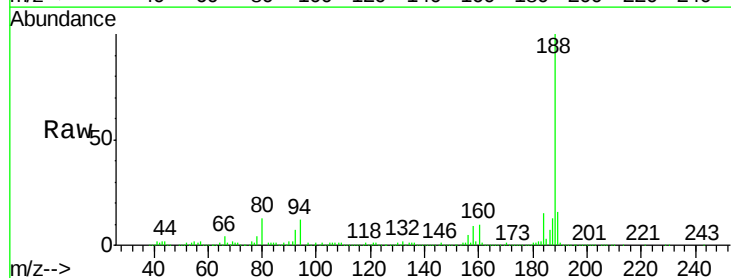
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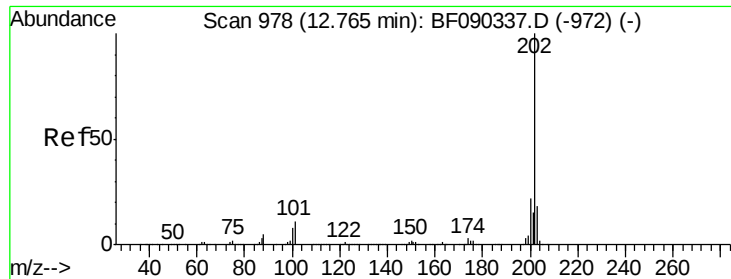
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090359.D
Acq: 4 Oct 2016 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	620428		
94	11.6	8.2	12.2	
80	13.2	8.8	13.2	





#74

Fluoranthene

Concen: 3.05 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090359.D

Acq: 4 Oct 2016 23:12

Instrument :

BNA_F

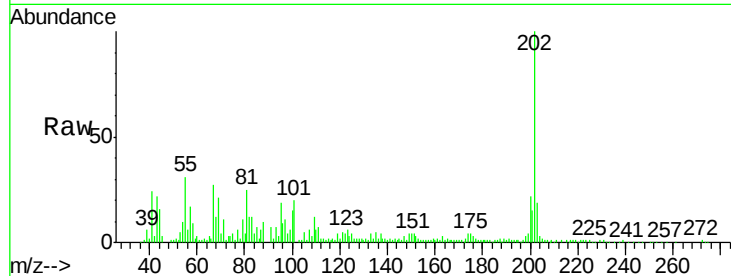
ClientSampleId :

TS-WSG-16121-03

Tgt Ion:	202	Resp:	96436
Ion Ratio	Lower	Upper	
202	100		
101	20.5	0.0	37.2
203	18.8	0.0	39.3

Manual Integrations
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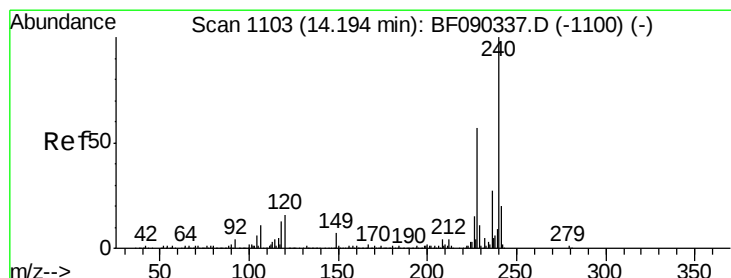
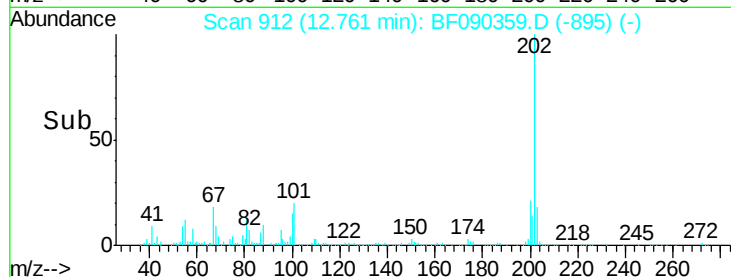
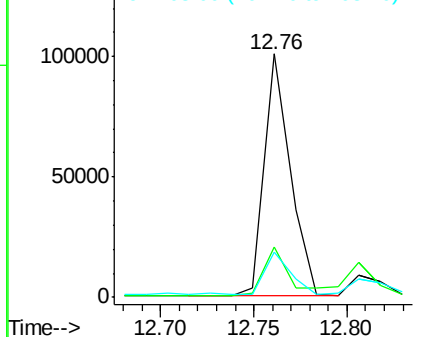
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090359.D

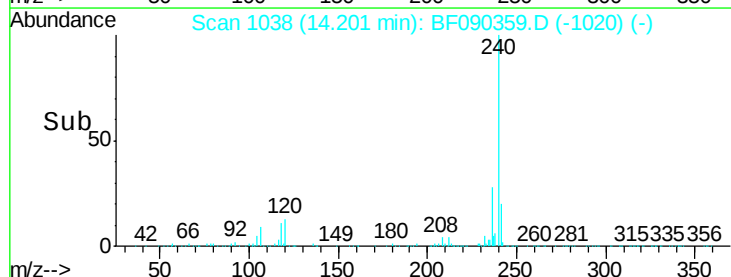
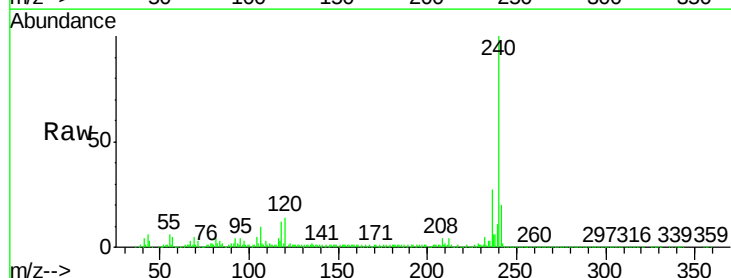
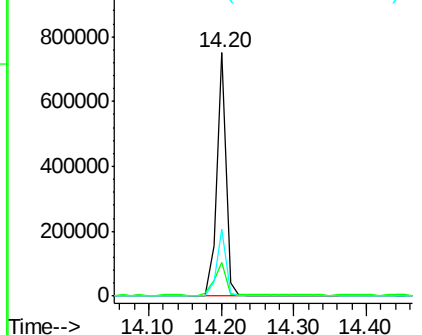
Acq: 4 Oct 2016 23:12

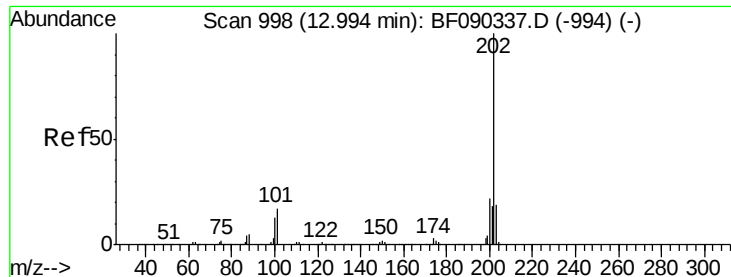
Tgt Ion:	240	Resp:	655319
Ion Ratio	Lower	Upper	
240	100		
120	13.7	8.6	13.0#
236	27.3	21.6	32.4

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: 2.05 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090359.D

Acq: 4 Oct 2016 23:12

Instrument :

BNA_F

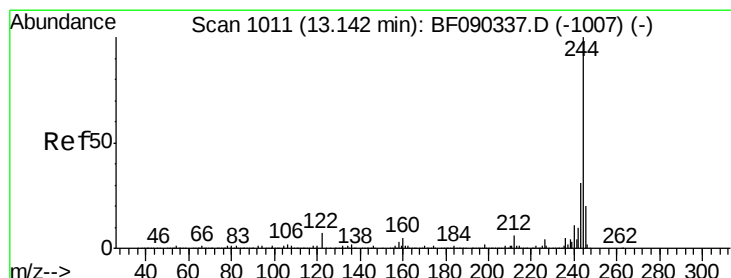
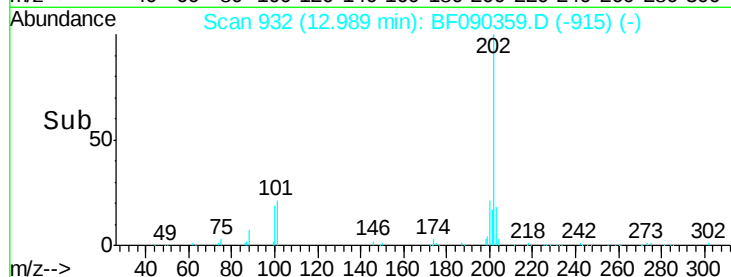
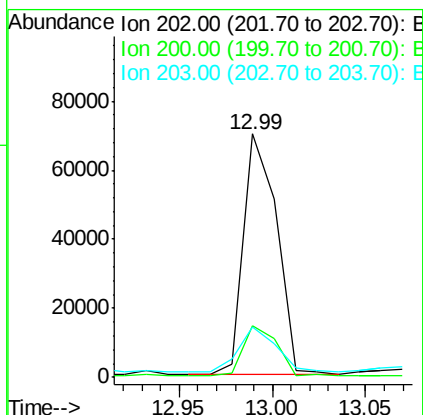
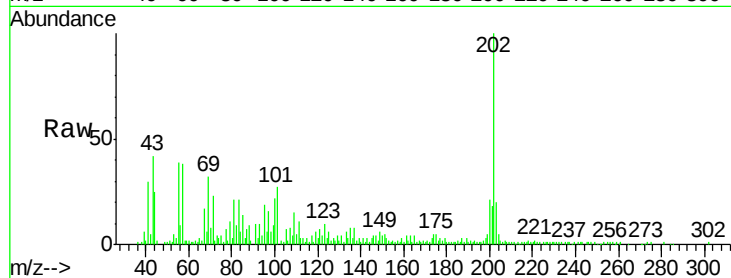
ClientSampleId :

TS-WSG-16121-03

Tgt Ion:	202	Resp:	86215
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.5	27.7
203	20.4	15.0	22.6

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#78

Terphenyl-d14

Concen: 51.31 ng

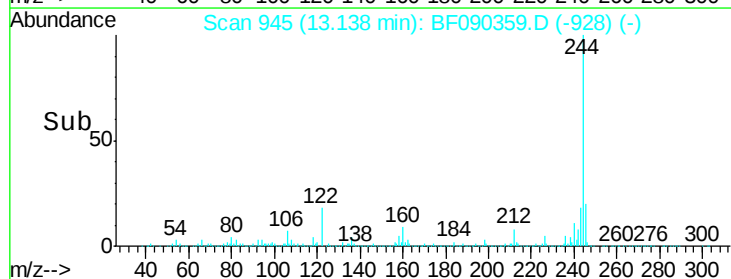
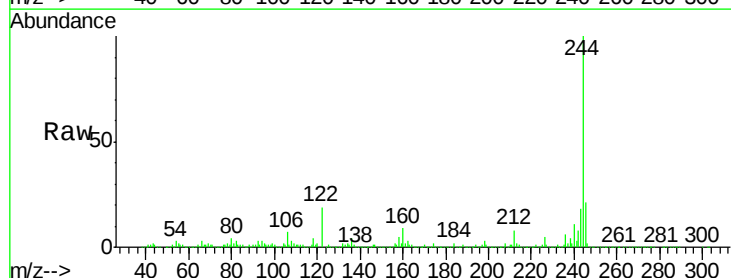
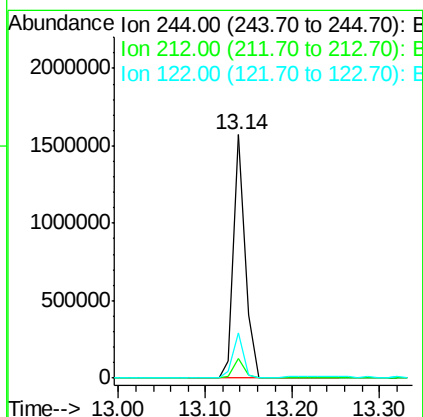
RT: 13.14 min Scan# 945

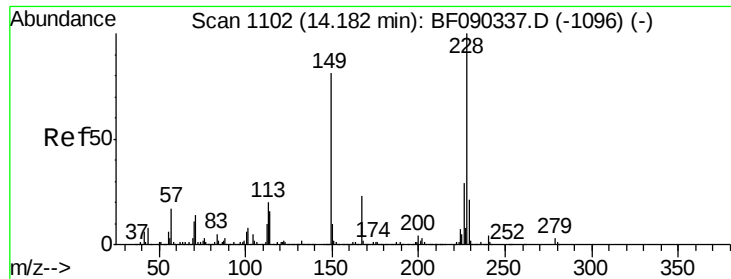
Delta R.T. -0.00 min

Lab File: BF090359.D

Acq: 4 Oct 2016 23:12

Tgt Ion:	244	Resp:	1444375
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.8	10.2
122	18.6	13.3	19.9





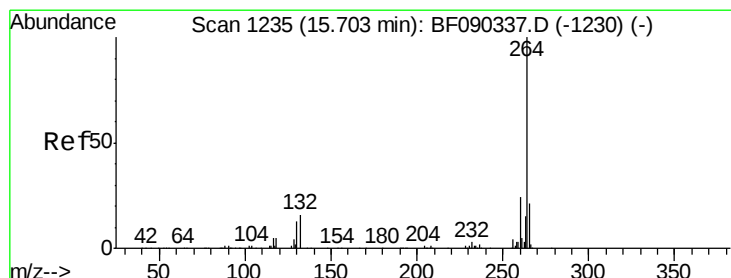
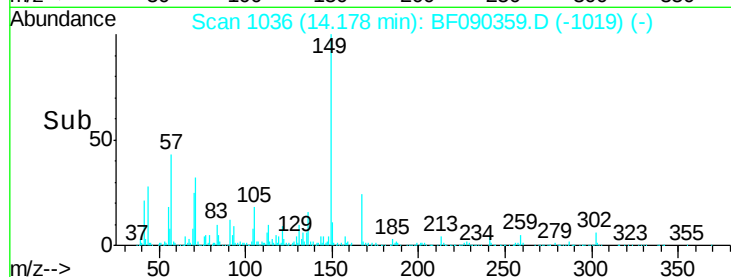
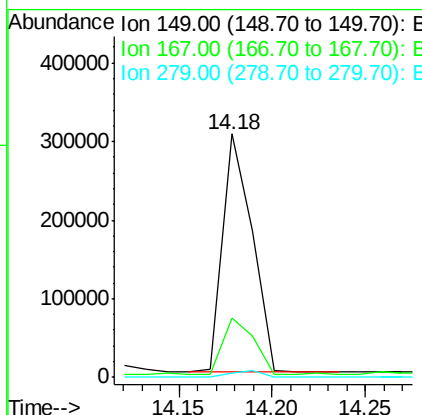
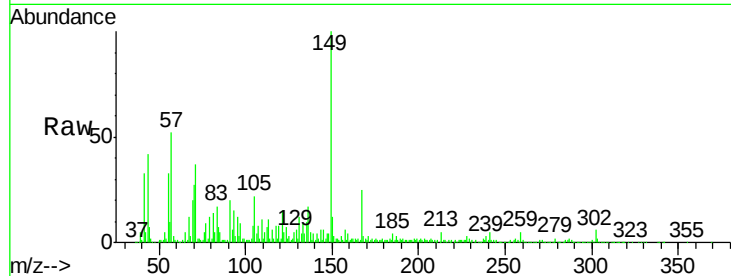
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.83 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090359.D
 Acq: 4 Oct 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Tgt Ion:149 Resp: 339473
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.5 32.3
 279 1.6 2.6 3.8#

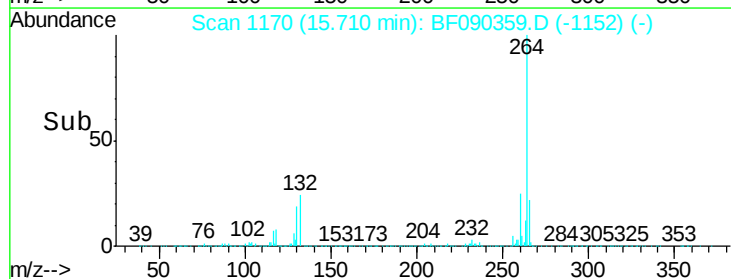
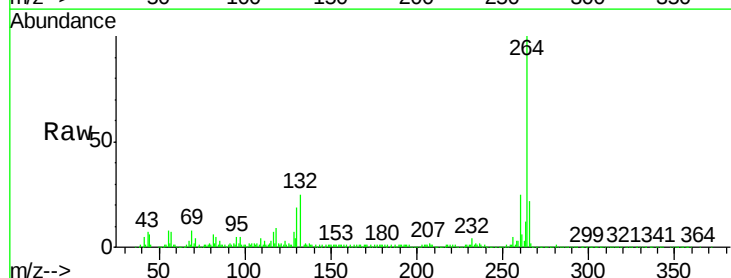
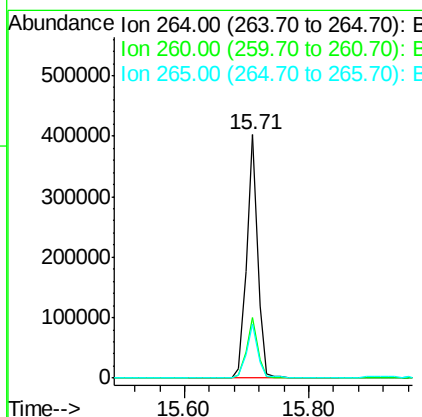
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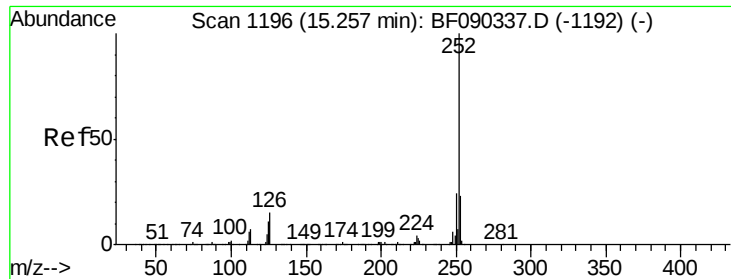
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090359.D
 Acq: 4 Oct 2016 23:12

Tgt Ion:264 Resp: 498912
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 22.3 17.4 26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.13 ng m
 RT: 15.26 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF090359.D
 Acq: 4 Oct 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.2	27.2#
125	36.2	7.0	10.4#

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