

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090358.D
 Acq On : 4 Oct 2016 22:45
 Operator : UM/SJ
 Sample : H4869-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-02

Manual Integrations
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Quant Time: Oct 05 03:55:55 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	217588	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	765346	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	366648	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	664485	20.00	ng	0.00
75) Chrysene-d12	14.20	240	655072	20.00	ng	0.00
86) Perylene-d12	15.71	264	519606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1815166	131.58	ng	0.00
7) Phenol-d6	6.63	99	2481698	143.92	ng	0.00
23) Nitrobenzene-d5	7.57	82	1461964	111.35	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	550657	172.92	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2062002	91.69	ng	0.00
78) Terphenyl-d14	13.14	244	1845291	65.58	ng	0.00
Target Compounds						
10) Phenol	6.65	94	58987	2.81	ng	Qvalue 84
22) Acetophenone	7.41	105	329379	18.59	ng	# 92
49) Dimethylphthalate	9.77	163	936561	43.15	ng	99
74) Fluoranthene	12.76	202	129628	3.83	ng	97
77) Pyrene	12.99	202	110354	2.63	ng	97
82) Chrysene	14.22	228	71932	2.09	ng	96
87) Benzo(b)fluoranthene	15.26	252	106915m	3.58	ng	
89) Benzo(a)pyrene	15.64	252	55799	2.05	ng	# 75

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

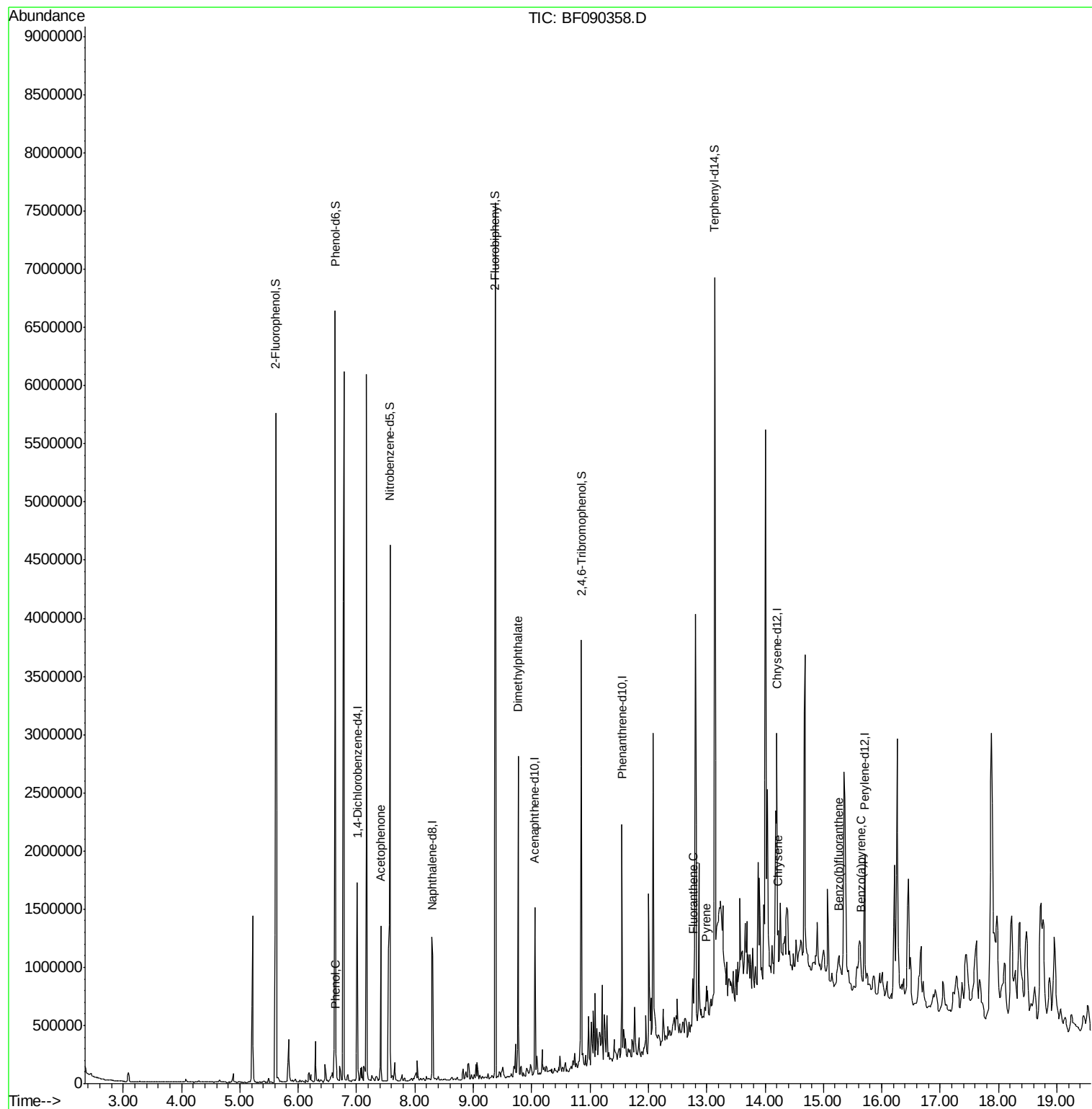
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

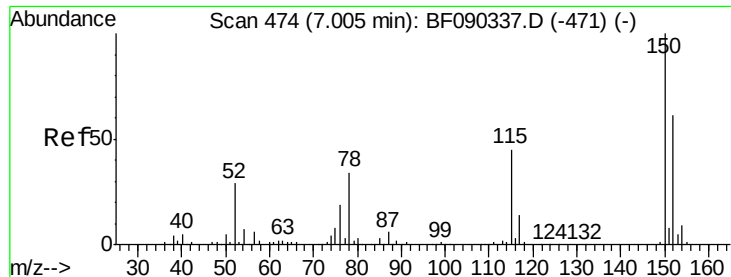
Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

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Quant Time: Oct 05 03:55:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

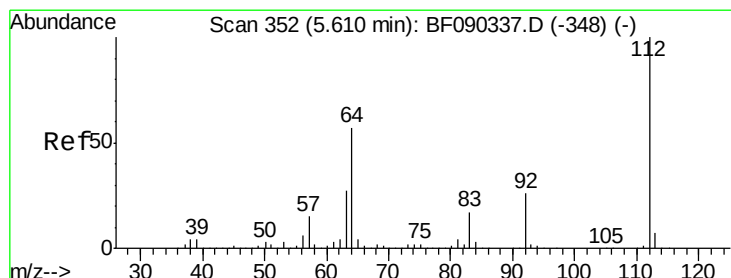
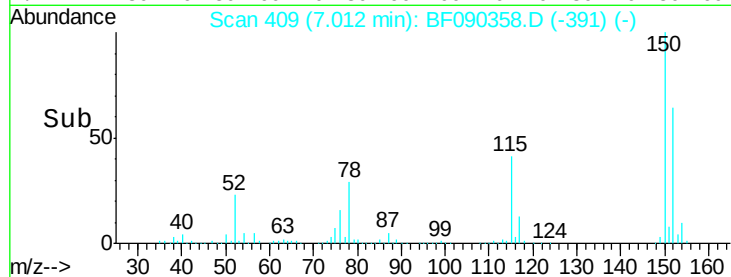
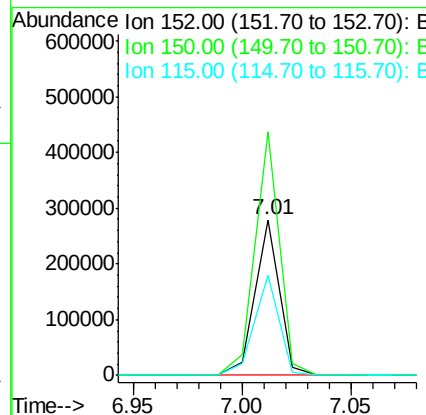
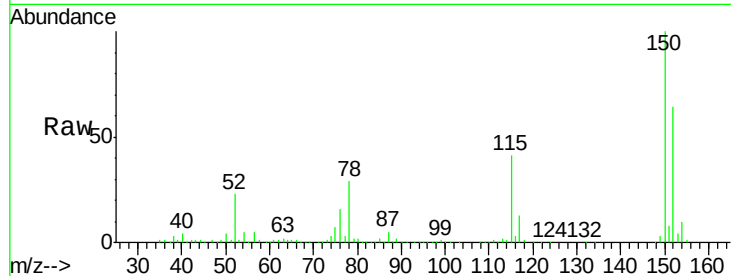
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.4	46.2	69.4

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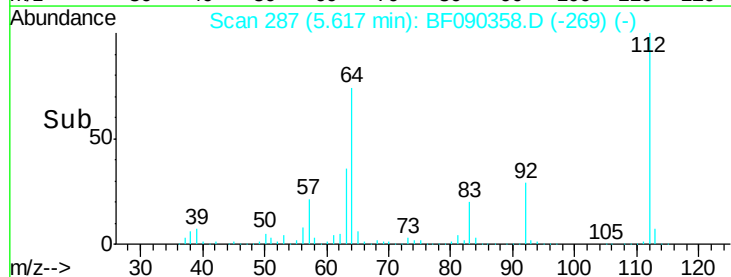
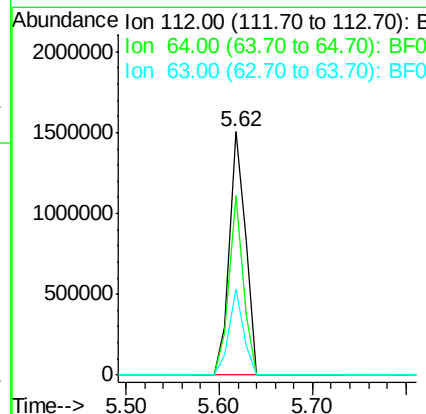
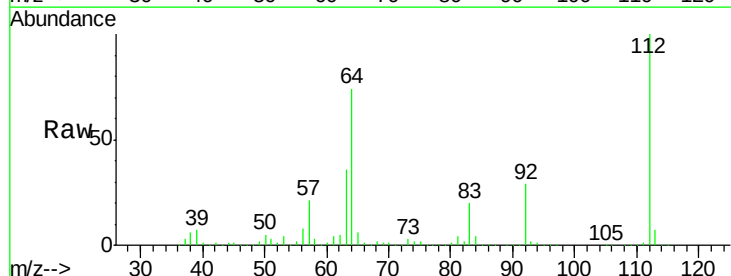
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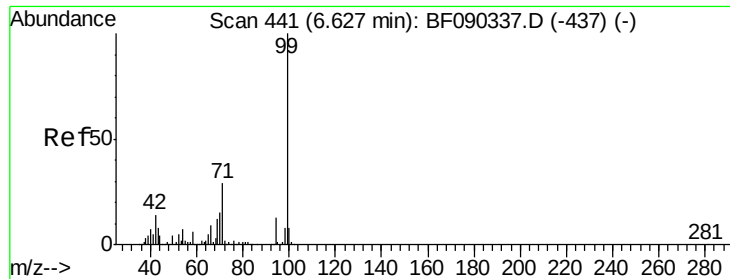


#5

2-Fluorophenol
Concen: 131.58 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	57.9	86.9
63	35.6	29.6	44.4





#7

Phenol-d6

Concen: 143.92 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-02

Tgt Ion: 99 Resp: 2481698

Ion Ratio Lower Upper

99 100

42 16.5 20.0 30.0#

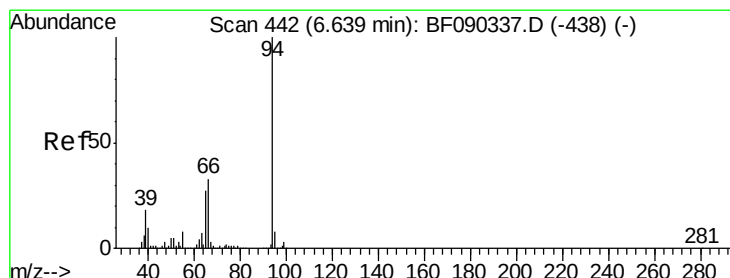
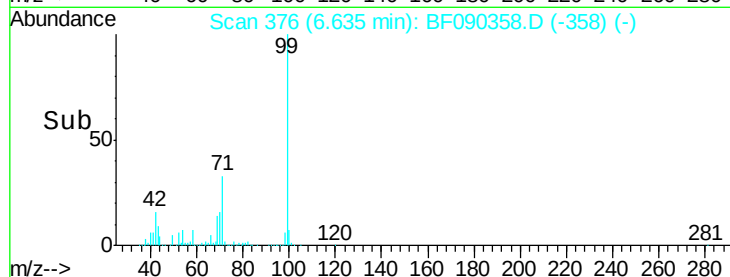
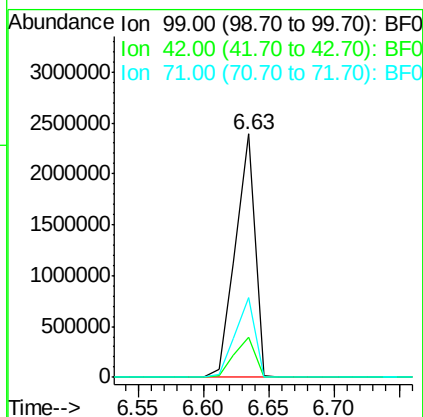
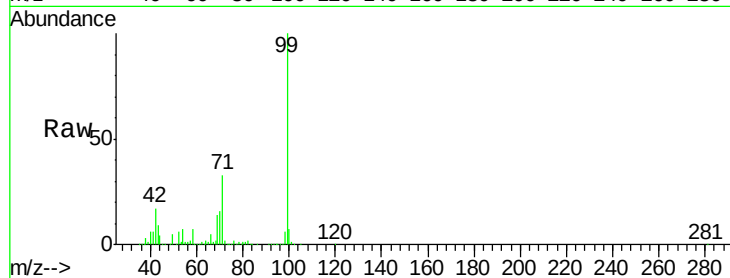
71 33.0 27.9 41.9

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#10

Phenol

Concen: 2.81 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

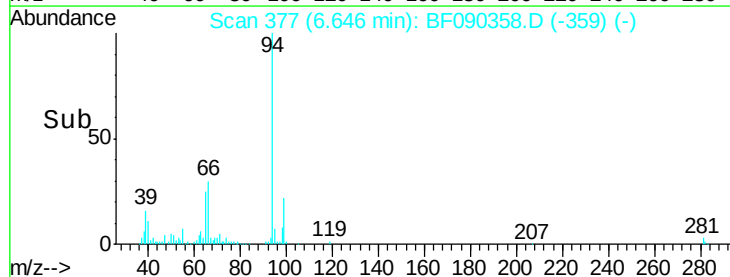
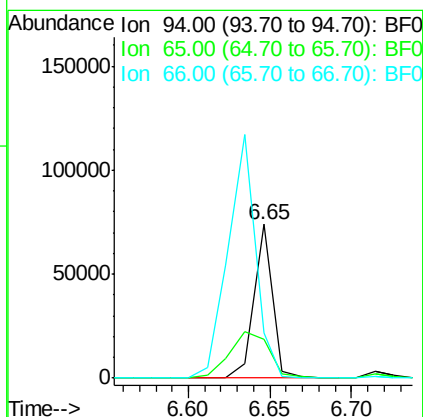
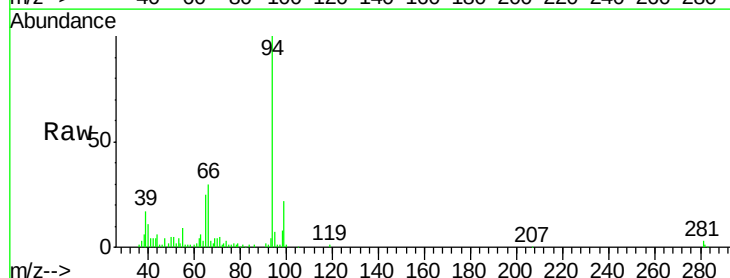
Tgt Ion: 94 Resp: 58987

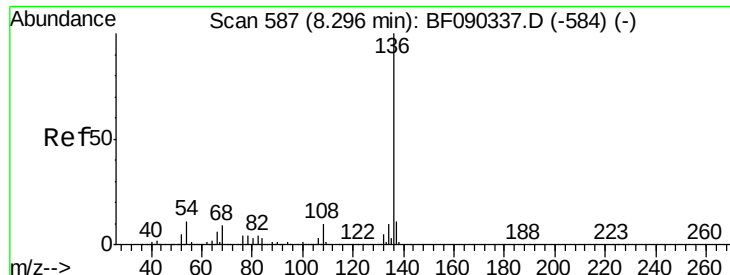
Ion Ratio Lower Upper

94 100

65 25.1 13.3 53.3

66 29.7 20.4 60.4





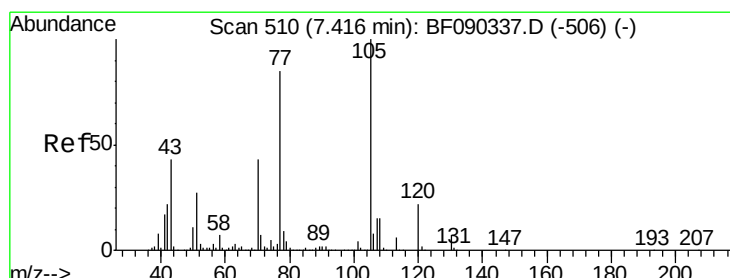
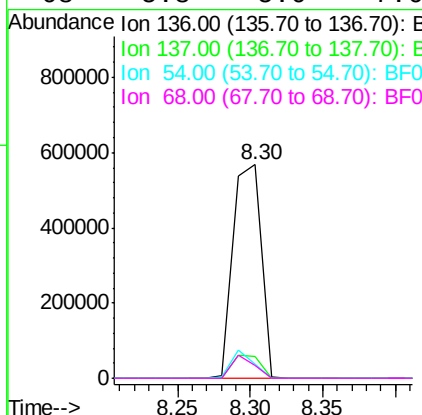
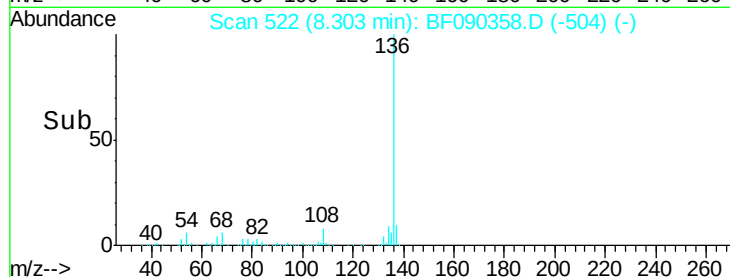
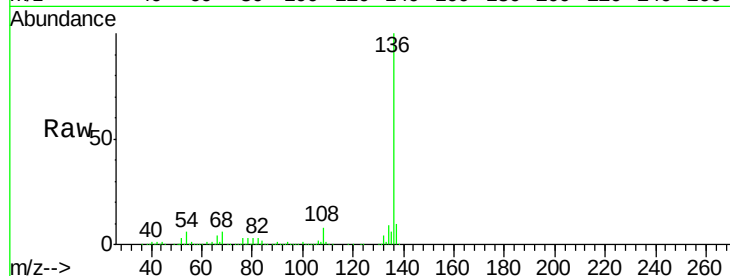
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	765346		
137	10.5	9.0	13.6	
54	6.4	6.6	10.0#	
68	5.8	5.0	7.6	

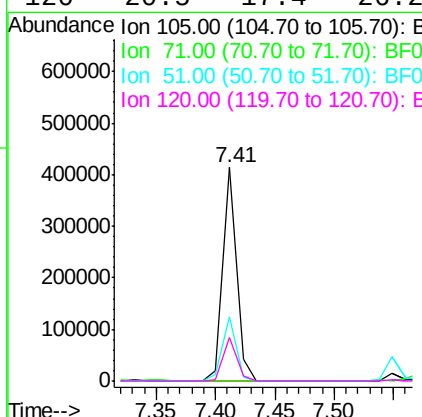
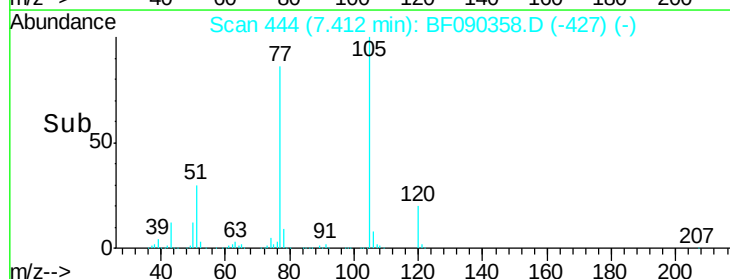
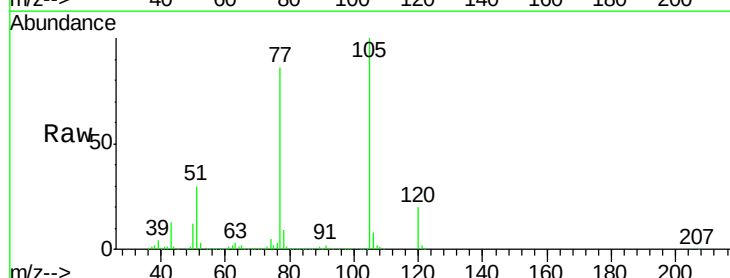
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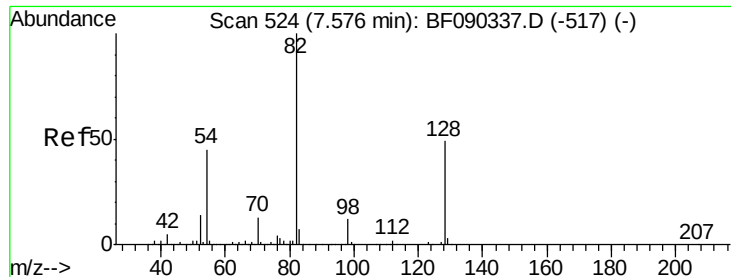
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#22
Acetophenone
Concen: 18.59 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329379		
71	0.1	3.8	5.6#	
51	29.7	28.2	42.4	
120	20.5	17.4	26.2	





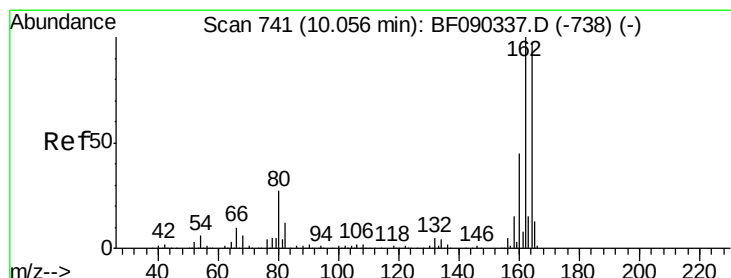
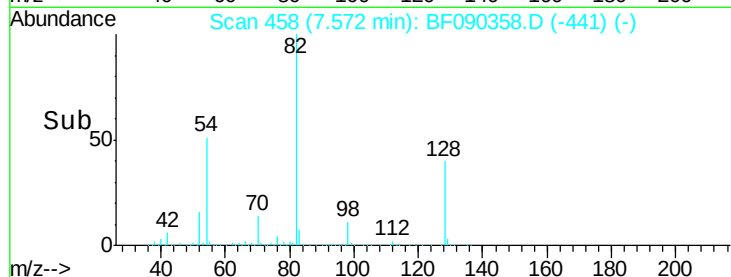
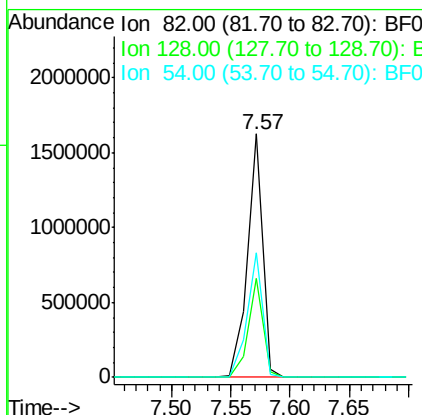
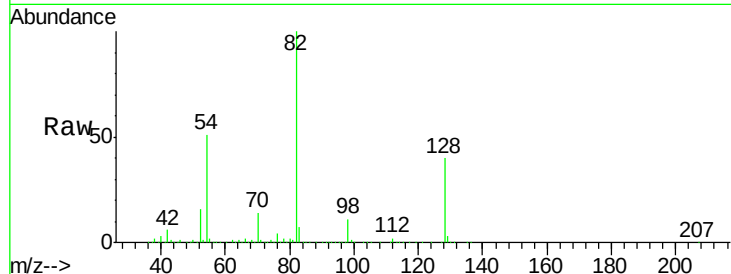
#23
 Nitrobenzene-d5
 Concen: 111.35 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090358.D
 Acq: 4 Oct 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-02

Tgt Ion: 82 Resp: 1461964
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.0 60.0
 54 51.1 42.6 64.0

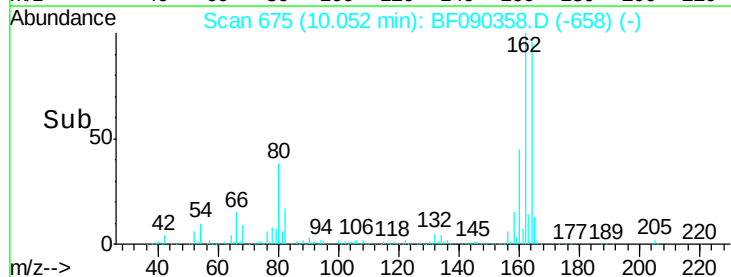
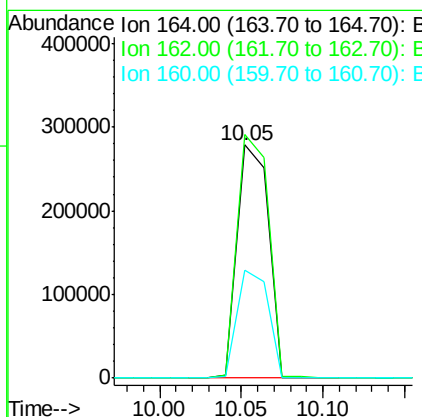
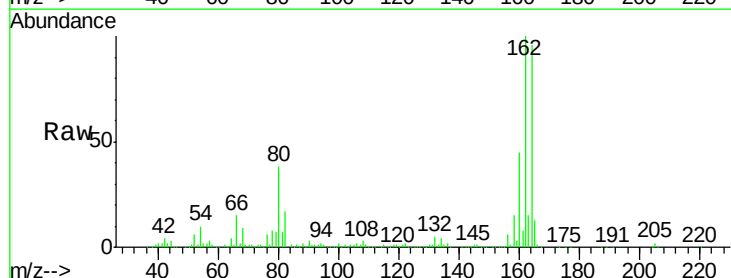
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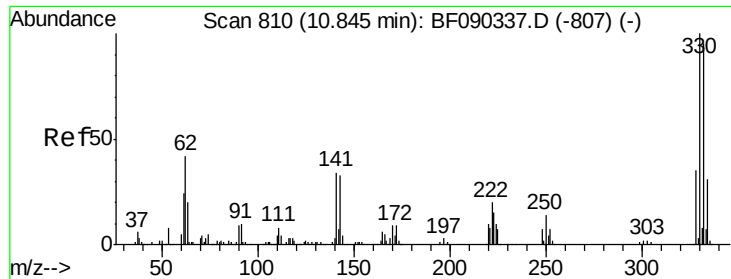
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090358.D
 Acq: 4 Oct 2016 22:45

Tgt Ion: 164 Resp: 366648
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.1 120.1
 160 46.6 36.3 54.5





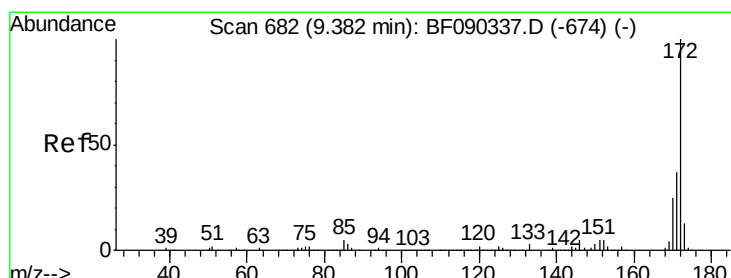
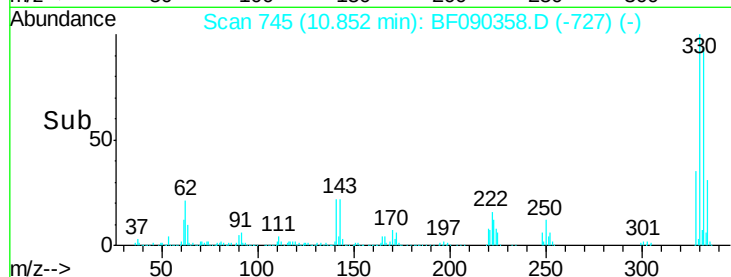
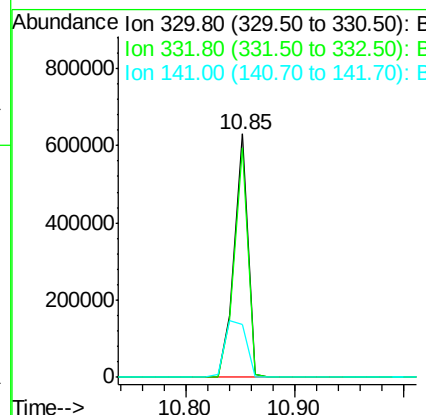
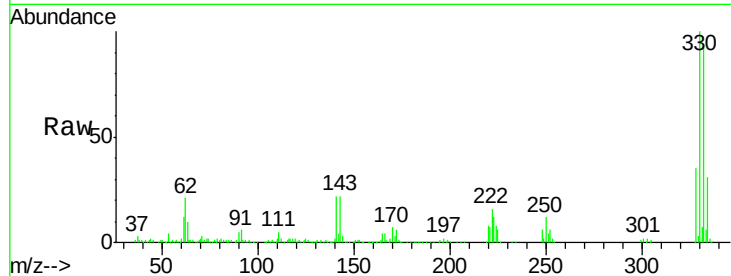
#41
 2,4,6-Tribromophenol
 Concen: 172.92 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090358.D
 Acq: 4 Oct 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	550657		
332	94.5	75.4	113.0	
141	36.7	26.9	40.3	

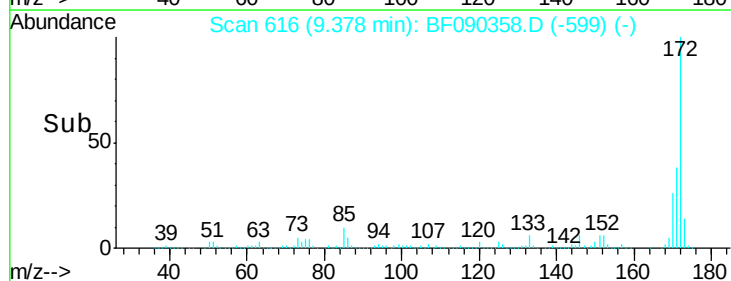
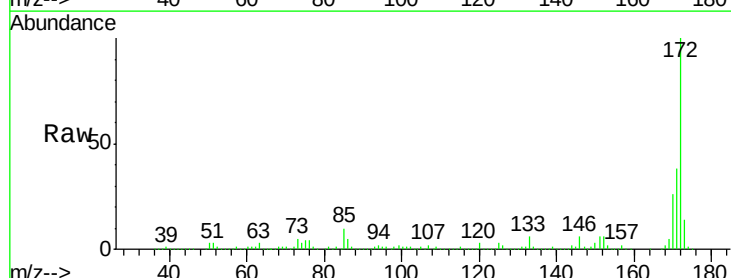
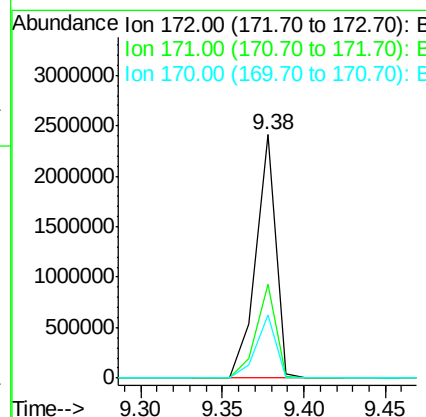
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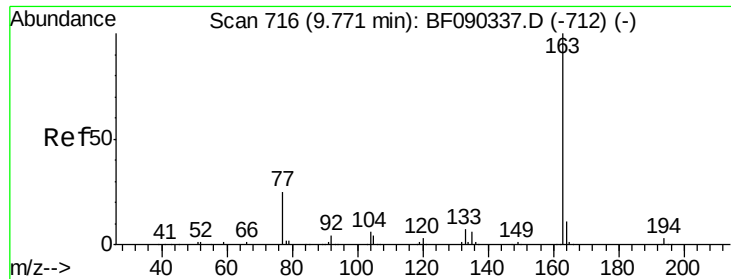
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#44
 2-Fluorobiphenyl
 Concen: 91.69 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090358.D
 Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2062002		
171	38.3	31.8	47.8	
170	26.1	21.7	32.5	





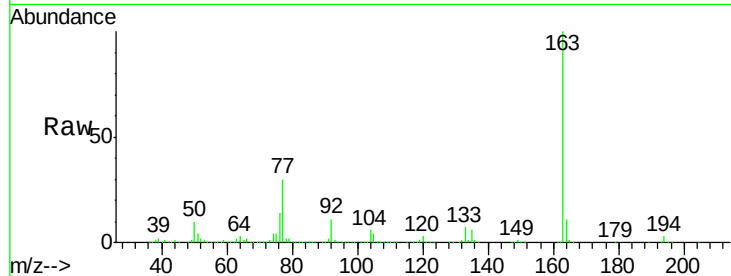
#49
Dimethylphthalate
Concen: 43.15 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

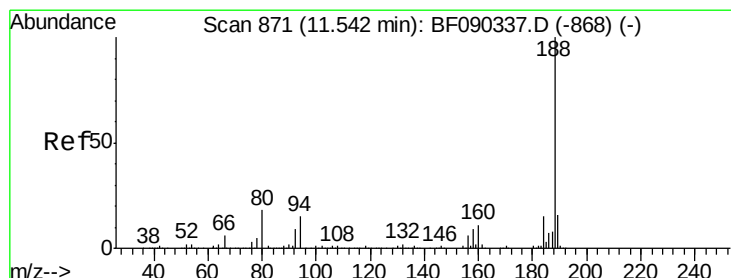
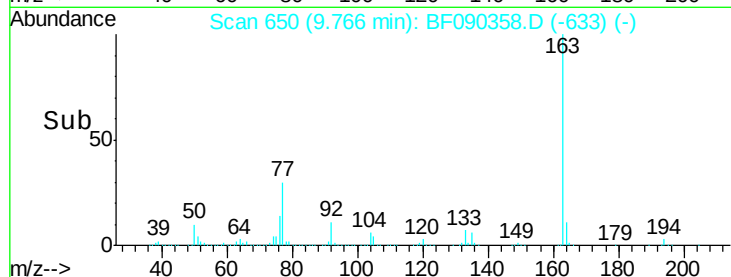
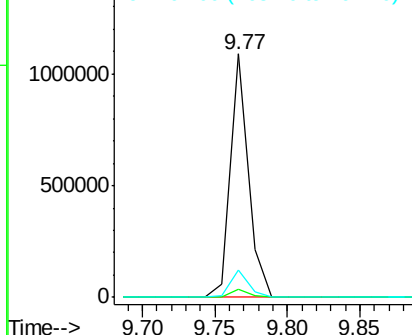
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	936561		
194	3.1	2.8	4.2	
164	11.0	9.0	13.4	

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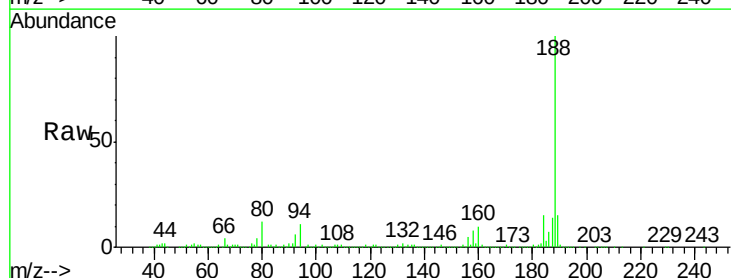


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

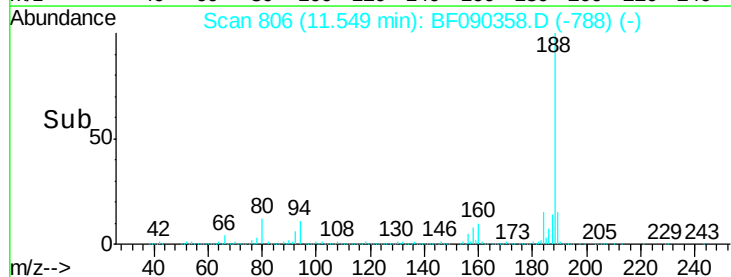
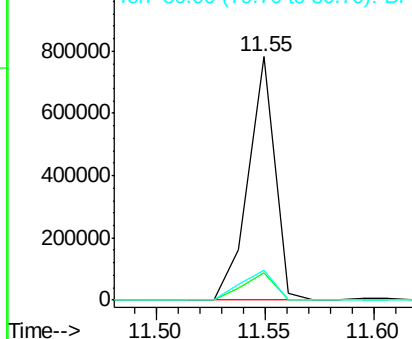


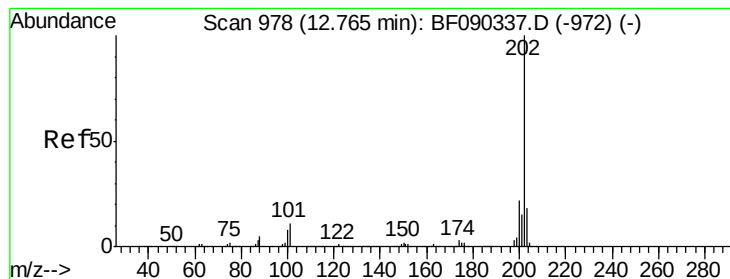
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	664485		
94	11.0	8.2	12.2	
80	12.5	8.8	13.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.83 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

Instrument :

BNA_F

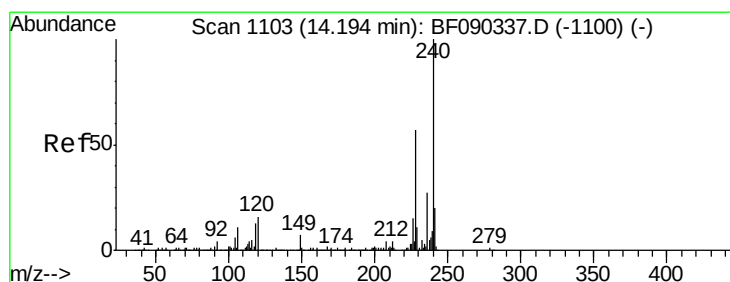
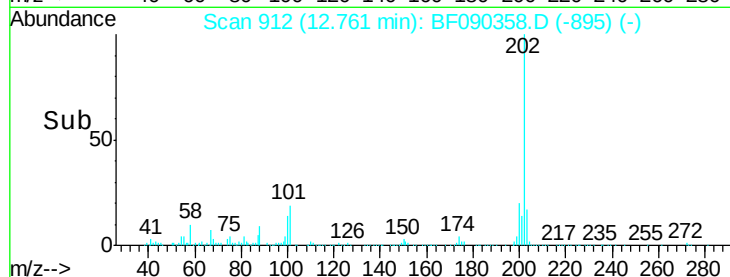
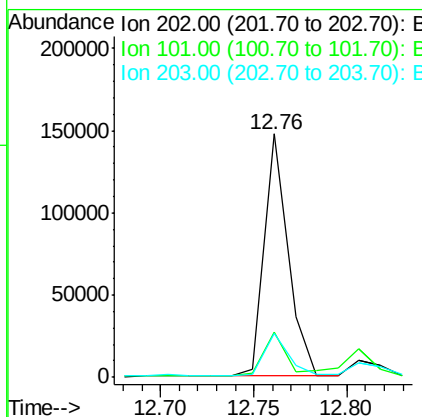
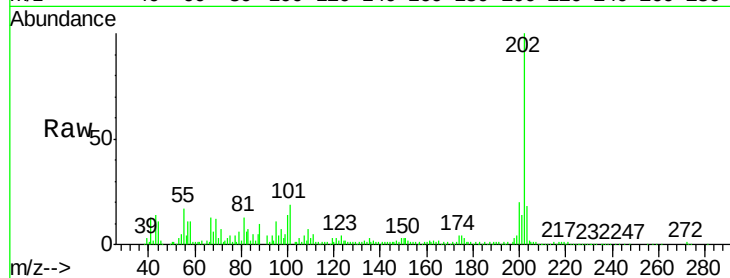
ClientSampleId :

TS-WSG-16121-02

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		129628		
101	18.8	0.0	37.2		
203	17.9	0.0	39.3		

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#75

Chrysene-d12

Concen: 20.00 ng

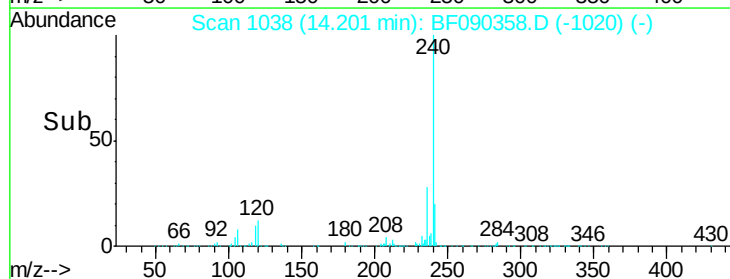
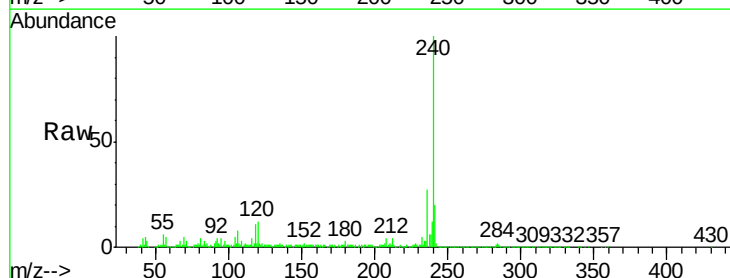
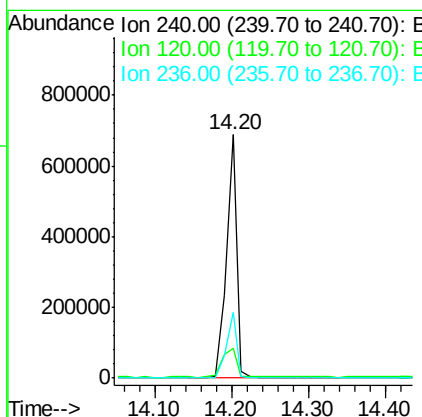
RT: 14.20 min Scan# 1038

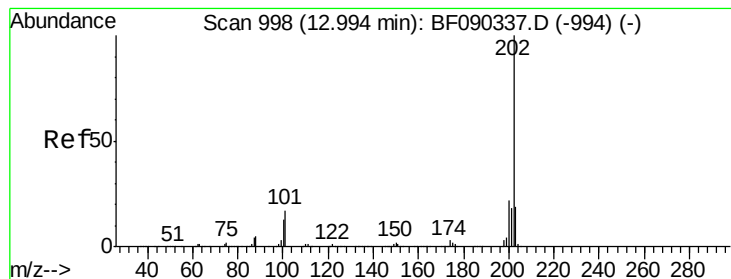
Delta R.T. 0.01 min

Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		655072		
120	12.1	8.6	13.0		
236	27.2	21.6	32.4		





#77

Pyrene

Concen: 2.63 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

Instrument :

BNA_F

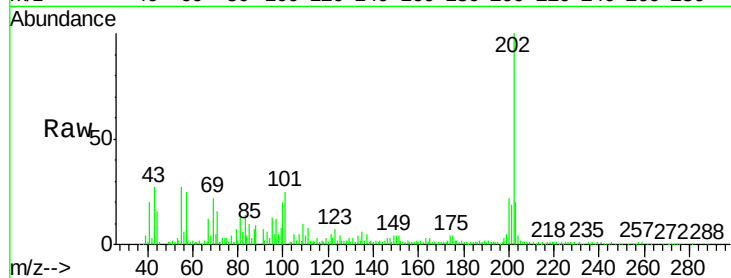
ClientSampleId :

TS-WSG-16121-02

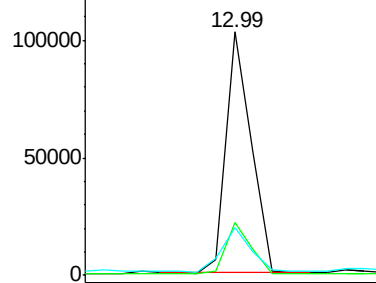
Tgt Ion:	202	Resp:	110354
Ion Ratio		Lower	Upper
202	100		
200	21.7	18.5	27.7
203	19.8	15.0	22.6

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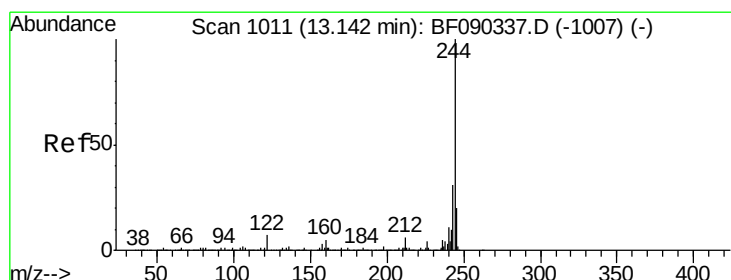
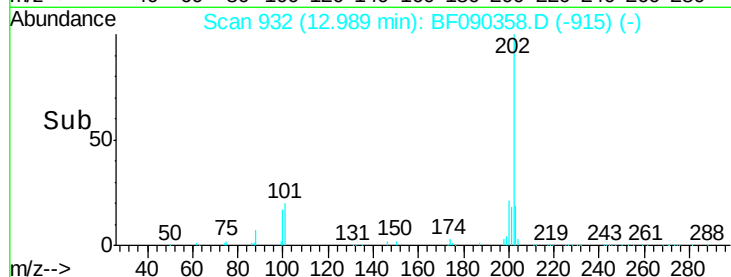
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.90 12.95 13.00 13.05



#78

Terphenyl-d14

Concen: 65.58 ng

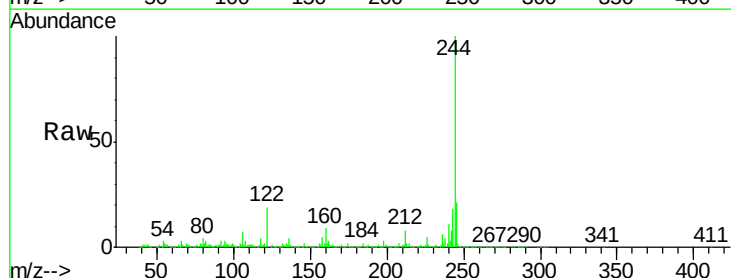
RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

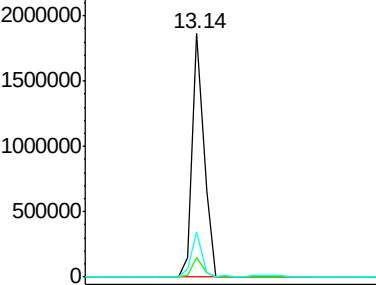
Lab File: BF090358.D

Acq: 4 Oct 2016 22:45

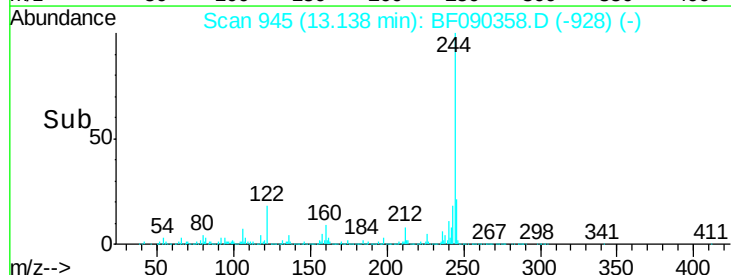
Tgt Ion:	244	Resp:	1845291
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.8	10.2
122	18.6	13.3	19.9

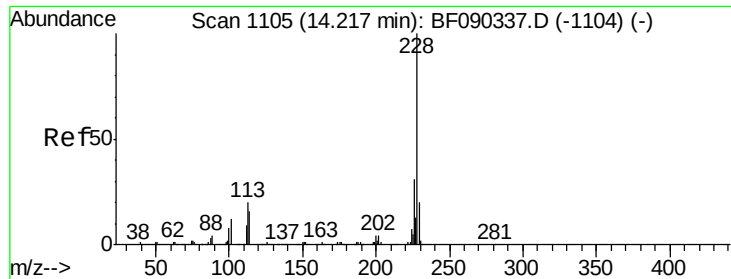


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 13.10 13.20 13.30





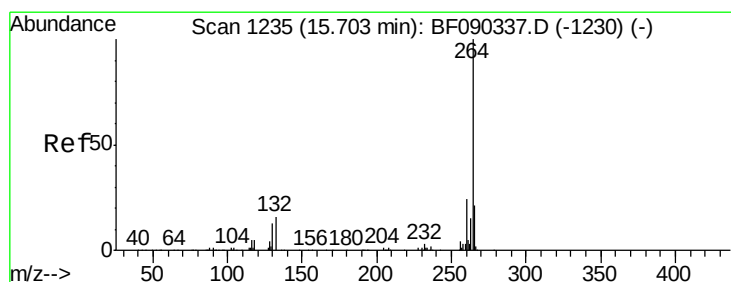
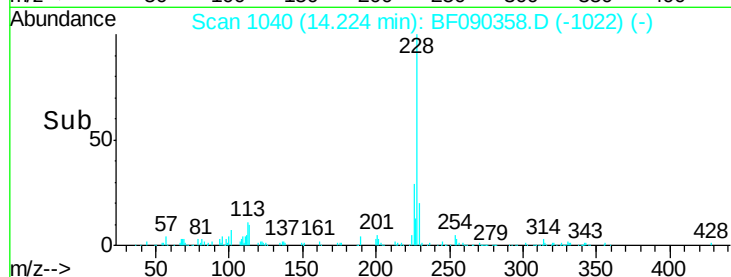
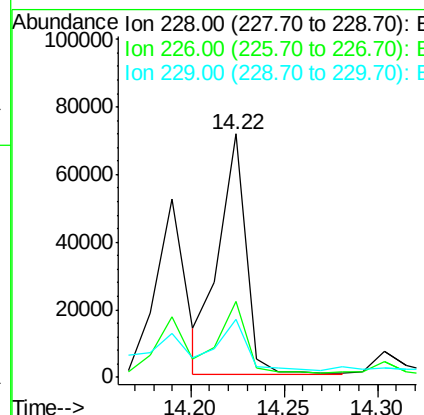
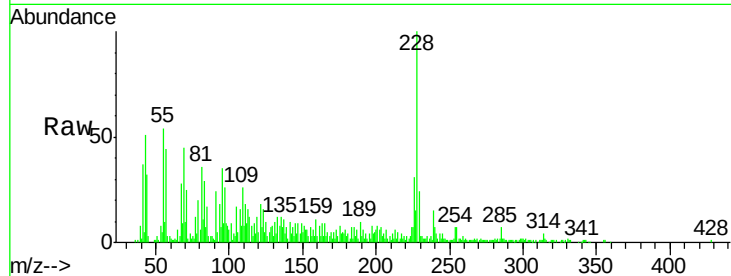
#82
Chrysene
Concen: 2.09 ng
RT: 14.22 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	24.1	16.9	25.3

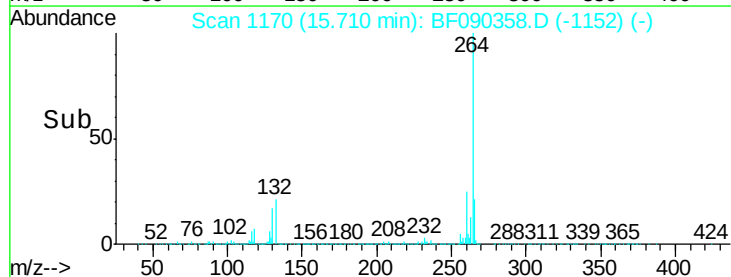
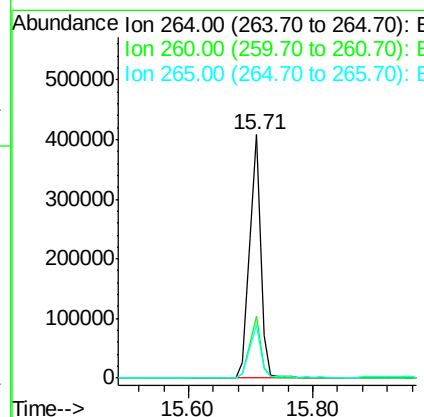
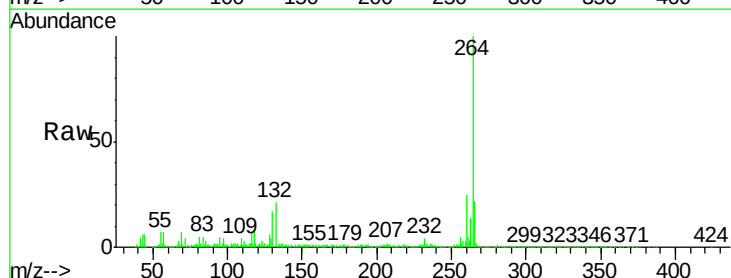
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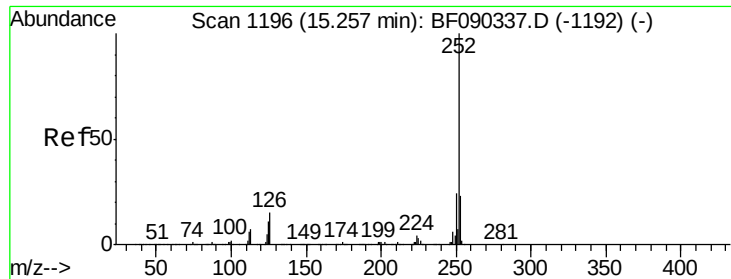
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.5	17.4	26.0





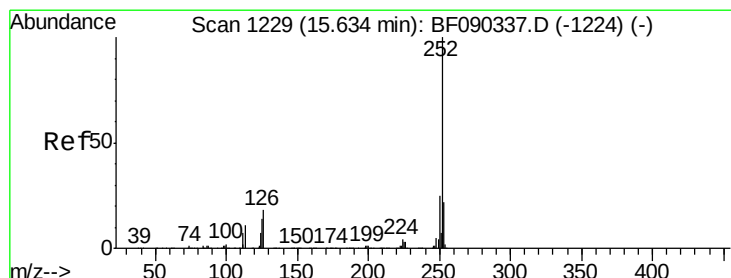
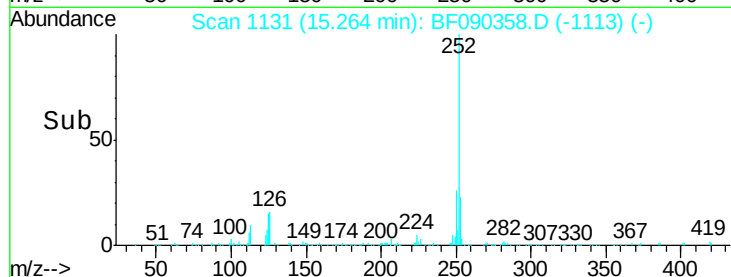
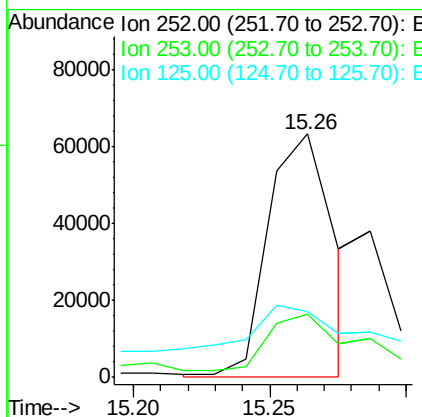
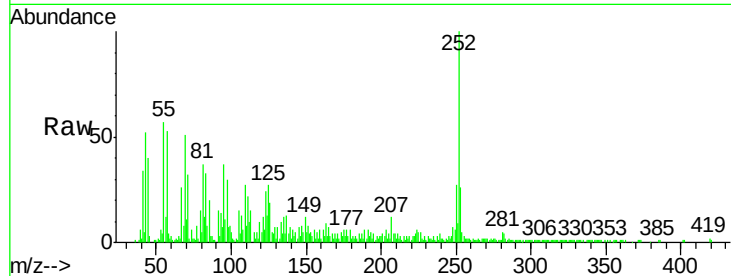
#87
Benzo(b)fluoranthene
Concen: 3.58 ng m
RT: 15.26 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	26.9	7.0	10.4

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.05 ng
RT: 15.64 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF090358.D
Acq: 4 Oct 2016 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.4
125	33.0	9.8	14.8

