

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082212.D
 Acq On : 11 Oct 2015 9:09
 Operator : UM/IZ
 Sample : G3933-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP-04

Manual Integrations
 APPROVED

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 10/12/2015 2:39:28 PM

Quant Time: Oct 12 04:41:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	96932	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	373775	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	156863	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	258077	20.00	ng	0.00
75) Chrysene-d12	14.01	240	253321	20.00	ng	0.00
86) Perylene-d12	15.45	264	204324	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	525998	109.52	ng	0.01
7) Phenol-d6	6.48	99	694454	111.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	374203	67.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	137393	93.40	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	702854	74.31	ng	-0.01
78) Terphenyl-d14	12.95	244	557750	58.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	143087	12.95	ng	99
70) Phenanthrene	11.39	178	28537	2.26	ng	98
74) Fluoranthene	12.58	202	65612	4.83	ng	97
77) Pyrene	12.81	202	79498	5.29	ng	99
80) Benzo(a)anthracene	14.00	228	48404m	3.67	ng	
82) Chrysene	14.04	228	44919m	3.23	ng	
85) Indeno(1,2,3-cd)pyrene	16.86	276	26909	2.44	ng	96
87) Benzo(b)fluoranthene	15.03	252	51186m	4.12	ng	
88) Benzo(k)fluoranthene	15.04	252	29493m	2.82	ng	
89) Benzo(a)pyrene	15.38	252	45691	4.28	ng	# 79
91) Benzo(g,h,i)perylene	17.29	276	28975	3.41	ng	96

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

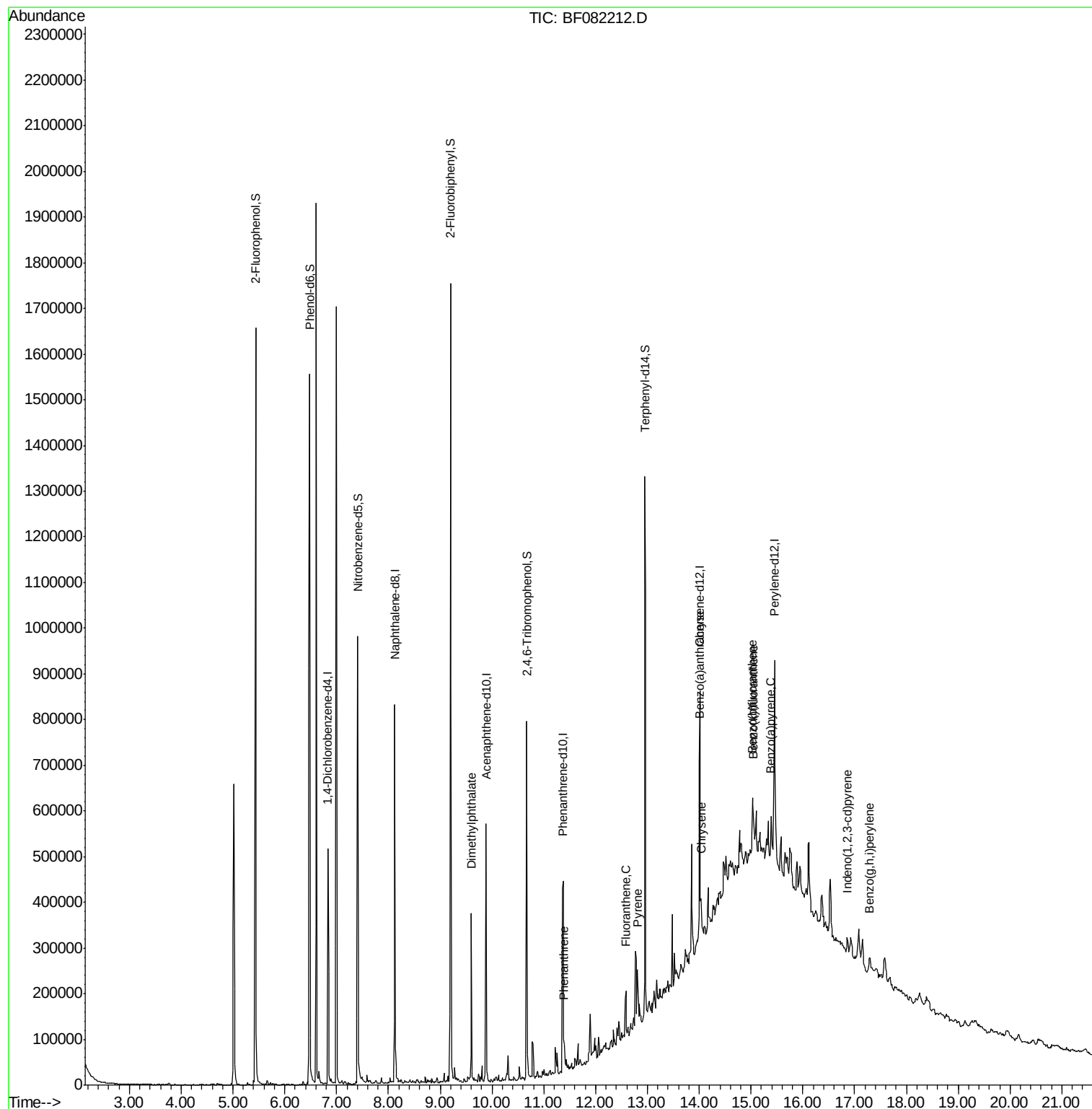
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082212.D
Acq On : 11 Oct 2015 9:09
Operator : UM/IZ
Sample : G3933-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

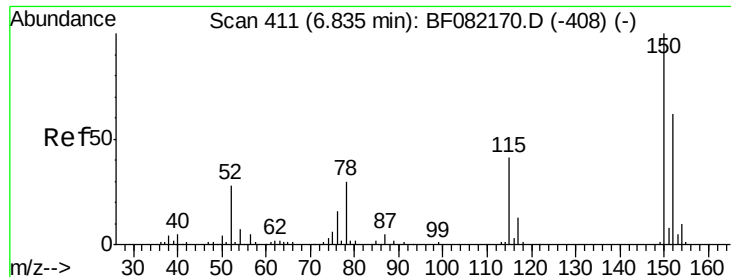
Instrument :
BNA_F
ClientSampleId :
TP-COMP-04

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Quant Time: Oct 12 04:41:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration





#1

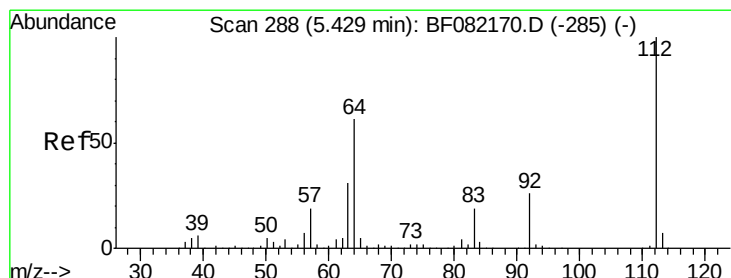
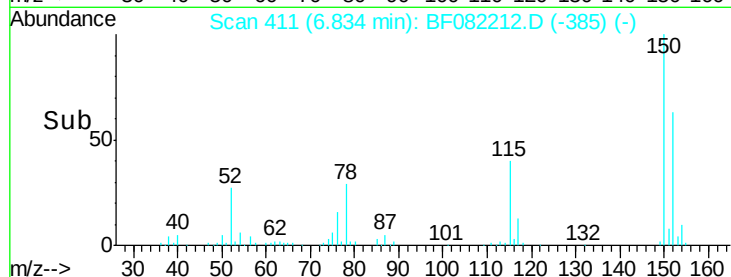
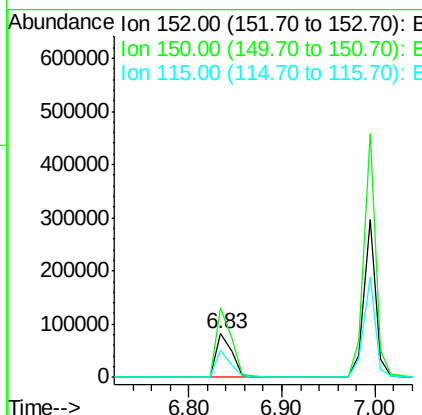
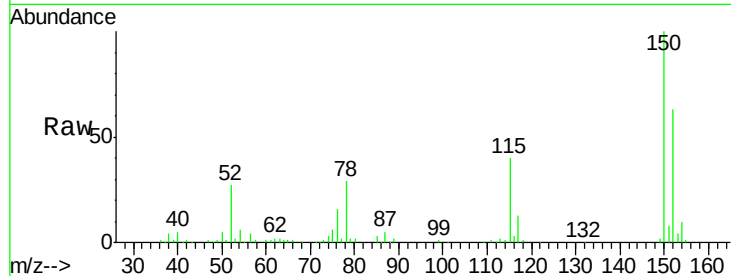
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
TP-COMP-04

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	129.0	193.4
115	63.6	52.1	78.1

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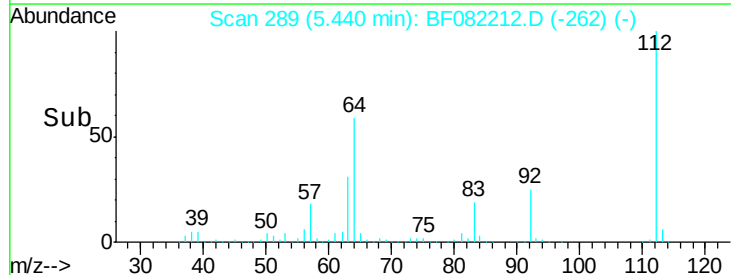
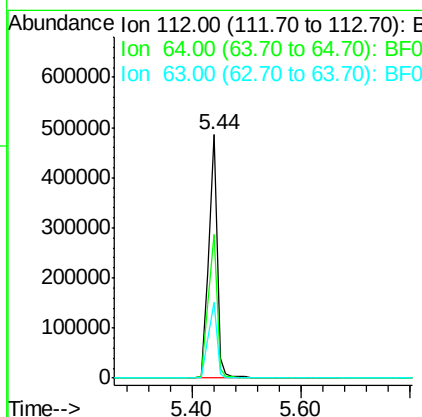
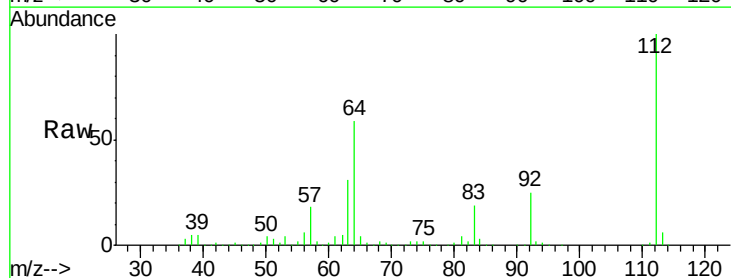
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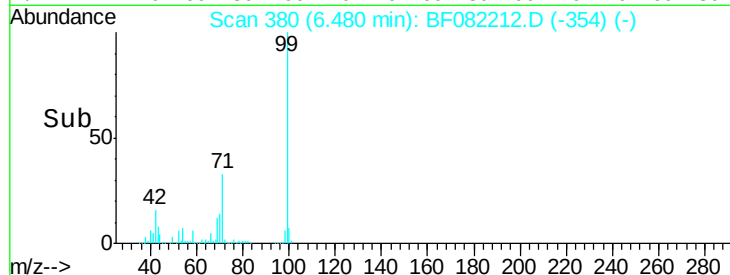
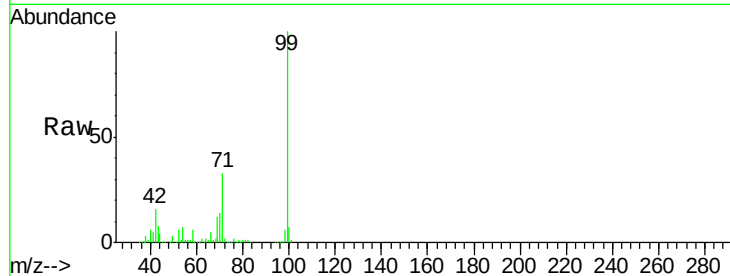
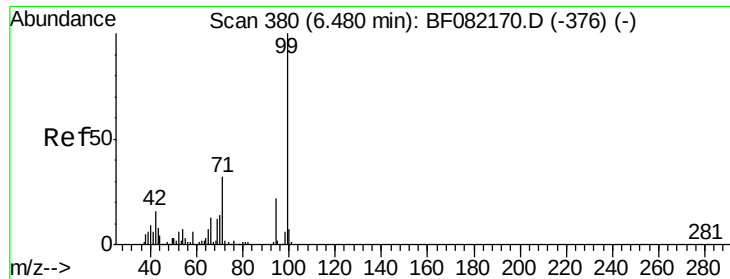


#5

2-Fluorophenol
Concen: 109.52 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.6	73.0
63	31.1	25.1	37.7





#7

Phenol-d6

Concen: 111.11 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Tgt Ion:	99	Resp:	694454
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.2	19.8
71	32.7	25.6	38.4

Instrument :

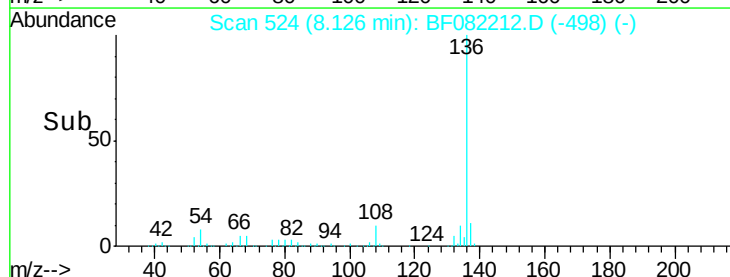
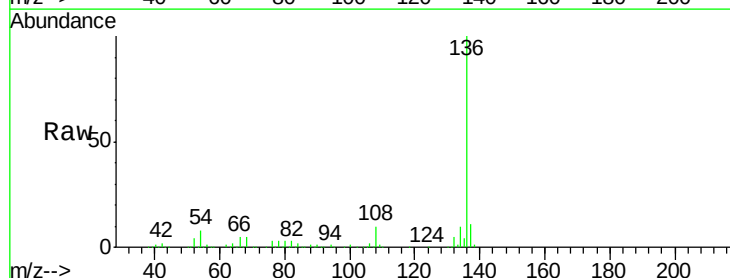
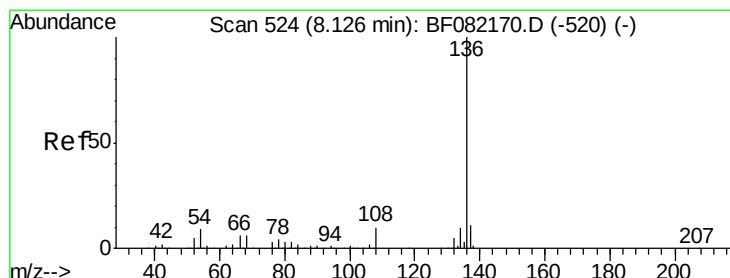
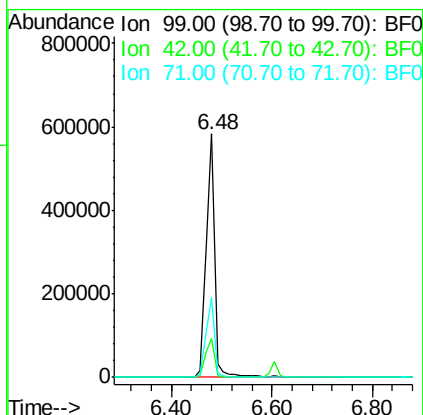
BNA_F

ClientSampleId :

TP-COMP-04

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#21

Naphthalene-d8

Concen: 20.00 ng

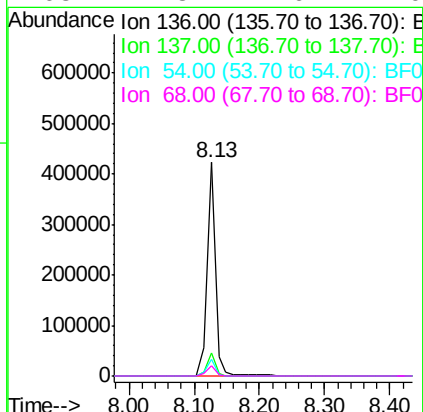
RT: 8.13 min Scan# 524

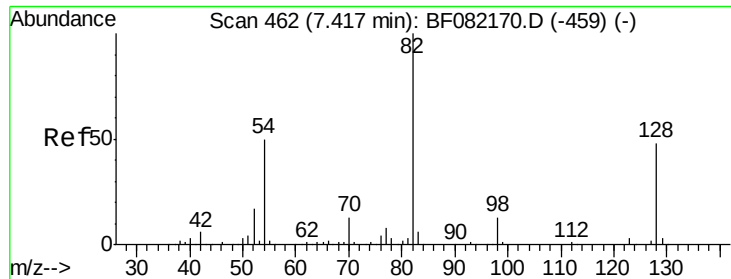
Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Tgt Ion:	136	Resp:	373775
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	7.7	7.5	11.3
68	4.8	4.6	7.0





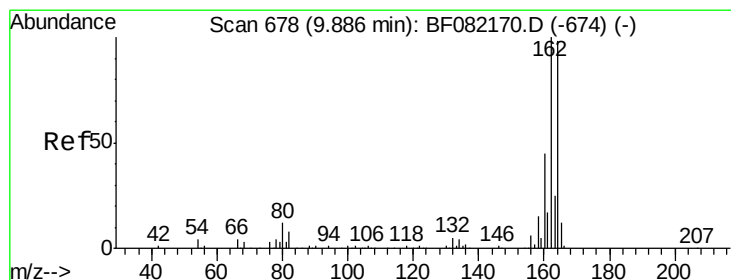
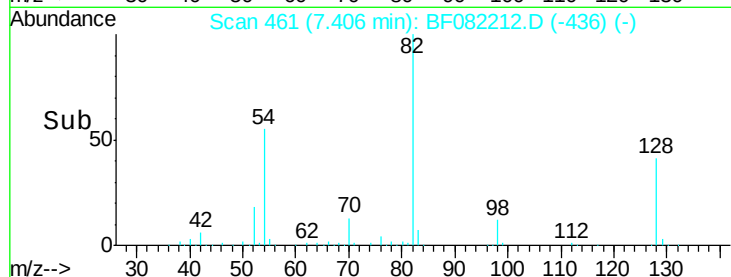
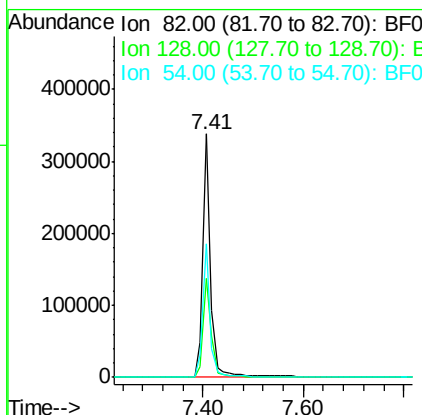
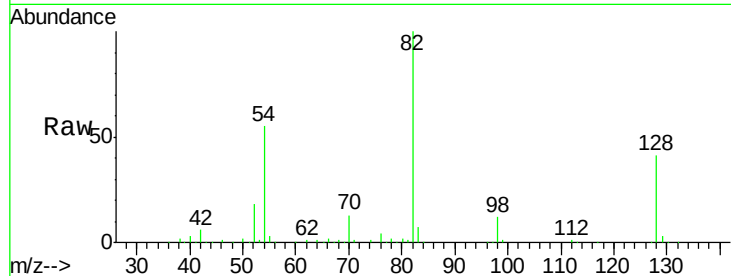
#23
 Nitrobenzene-d5
 Concen: 67.23 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082212.D
 Acq: 11 Oct 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP-04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	38.7	58.1
54	54.7	40.1	60.1

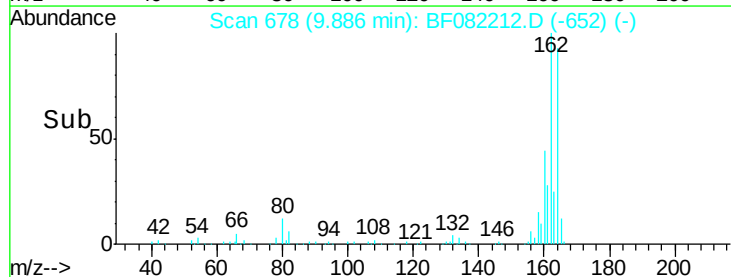
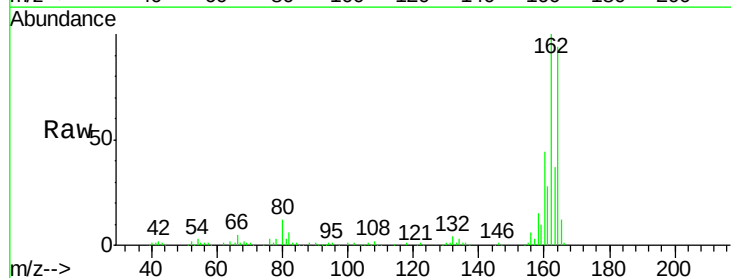
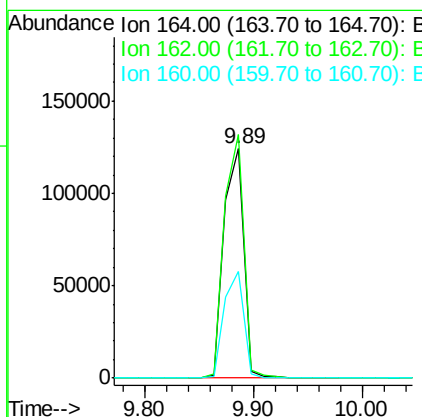
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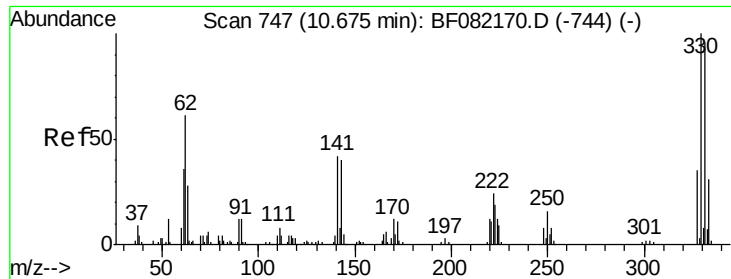
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082212.D
 Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.6	122.4
160	46.6	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 93.40 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Instrument :

BNA_F

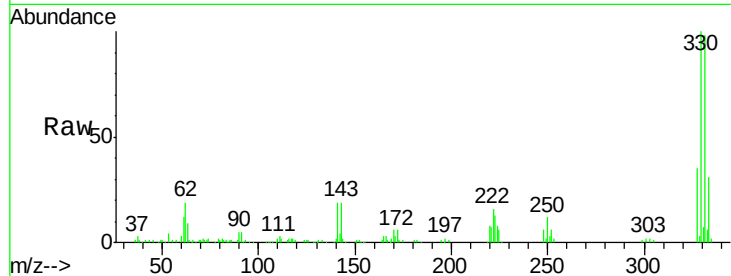
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TP-COMP-04

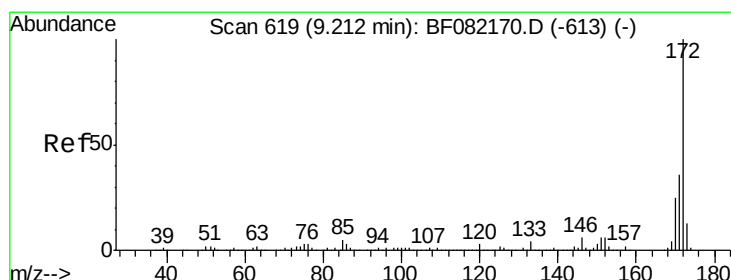
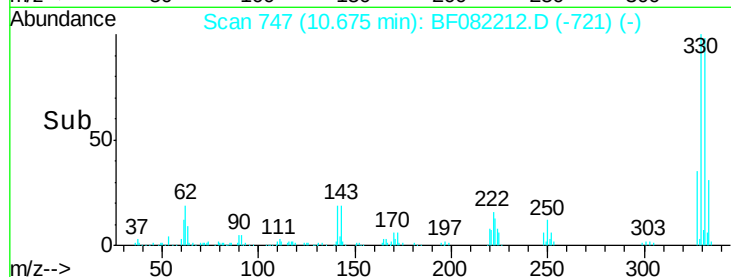
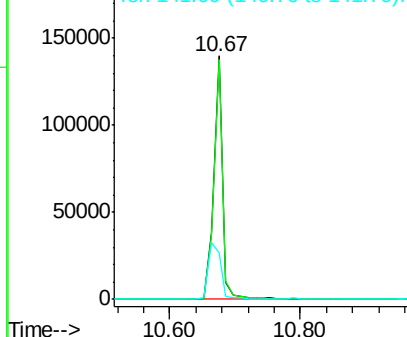
Tgt Ion:	330	Resp:	137393
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.1	115.7
141	32.5	29.8	44.8

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 74.31 ng

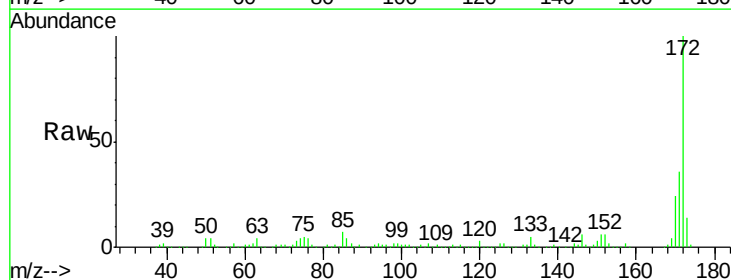
RT: 9.20 min Scan# 618

Delta R.T. -0.01 min

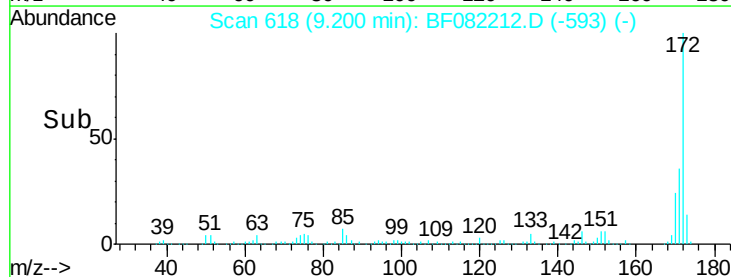
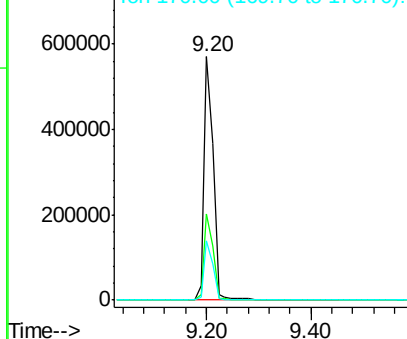
Lab File: BF082212.D

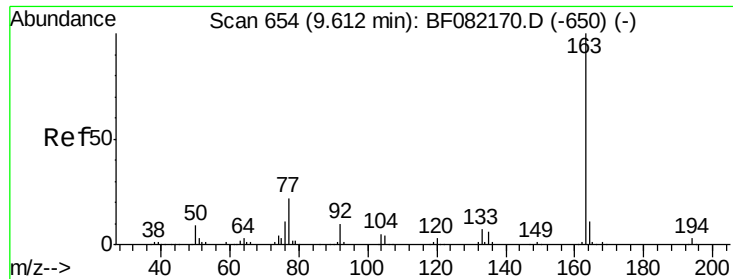
Acq: 11 Oct 2015 9:09

Tgt Ion:	172	Resp:	702854
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	24.4	19.7	29.5



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





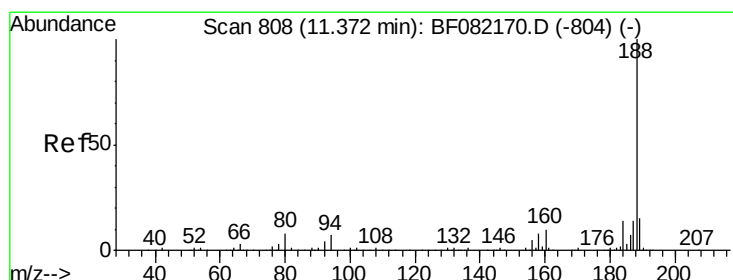
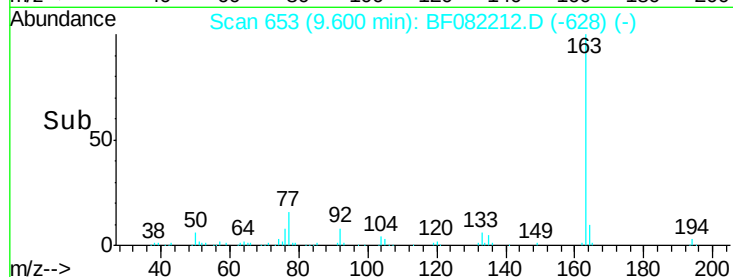
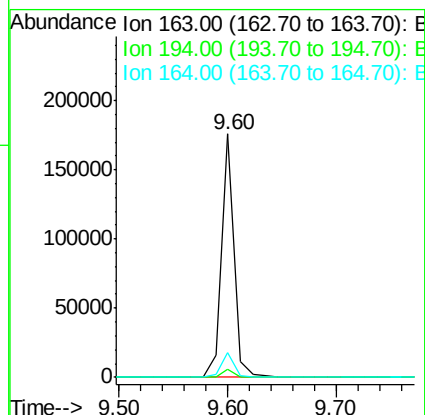
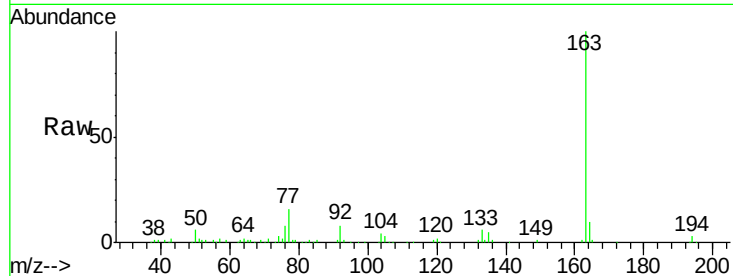
#49
Dimethylphthalate
Concen: 12.95 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.5	12.7

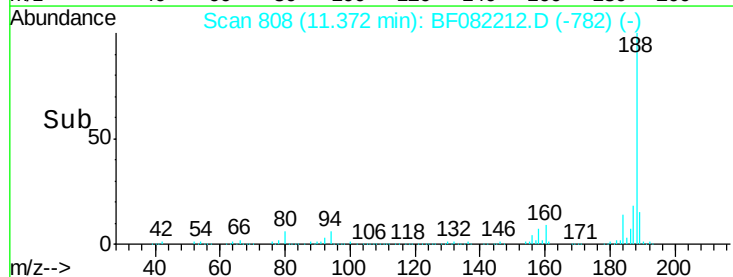
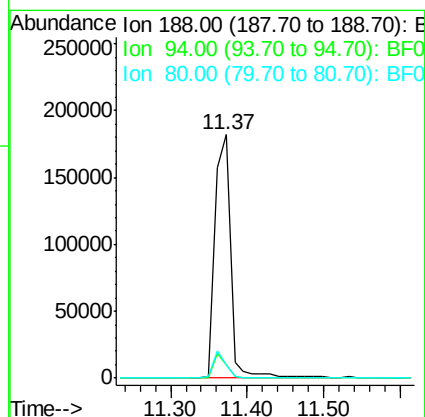
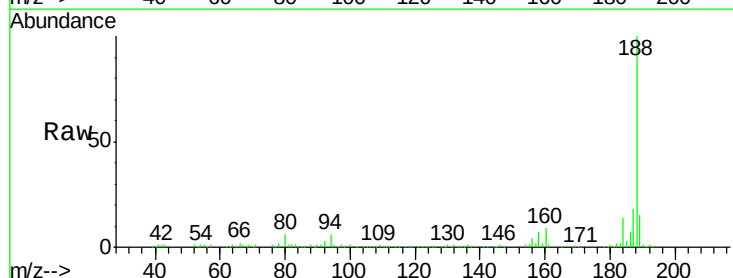
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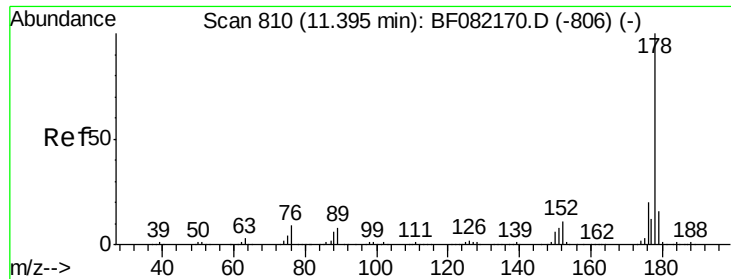
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.6	5.8	8.6#
80	5.6	6.4	9.6#





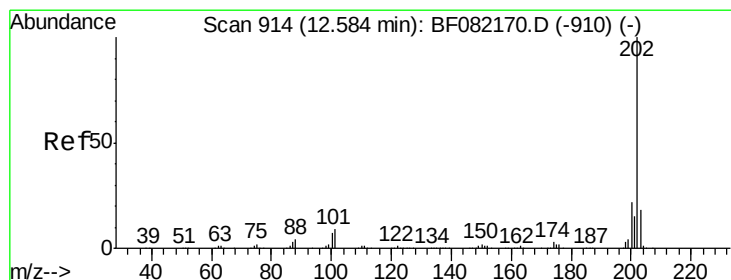
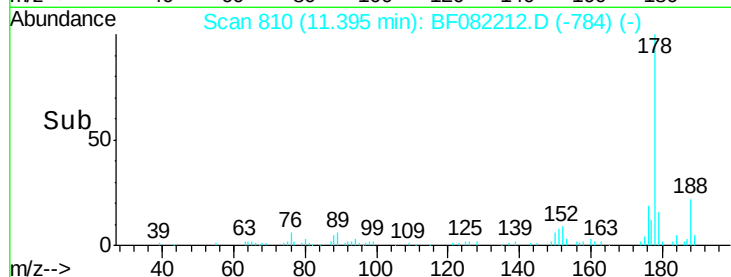
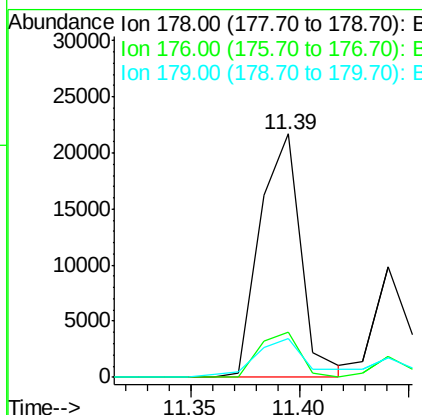
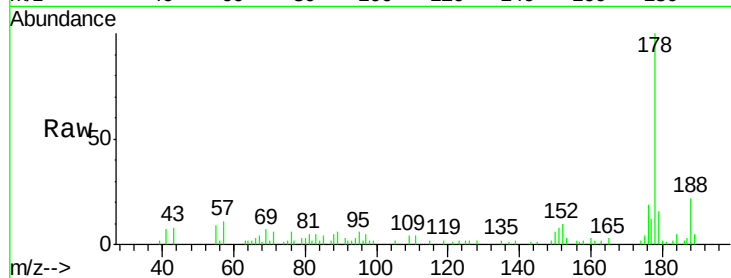
#70
Phenanthrene
Concen: 2.26 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
TP-COMP-04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	28537		
176	18.5	16.0	24.0	
179	15.9	12.6	19.0	

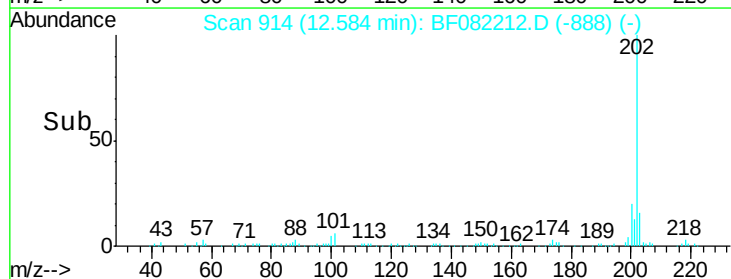
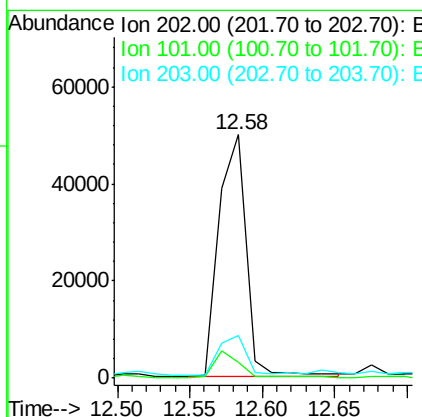
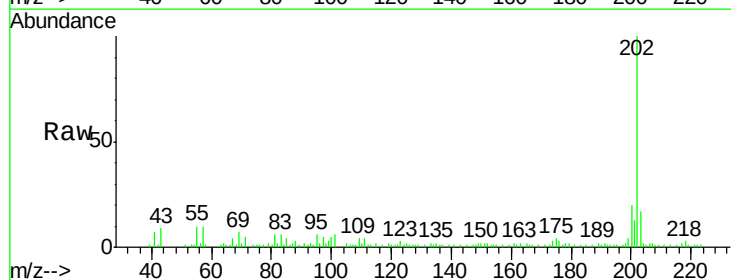
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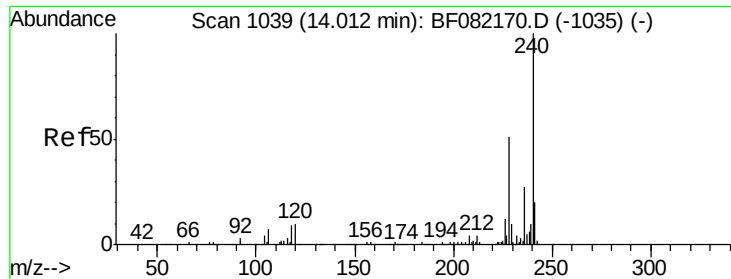
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10/12/2015 2:39:28 PM



#74
Fluoranthene
Concen: 4.83 ng
RT: 12.58 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65612		
101	6.4	0.0	29.3	
203	17.4	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Instrument :

BNA_F

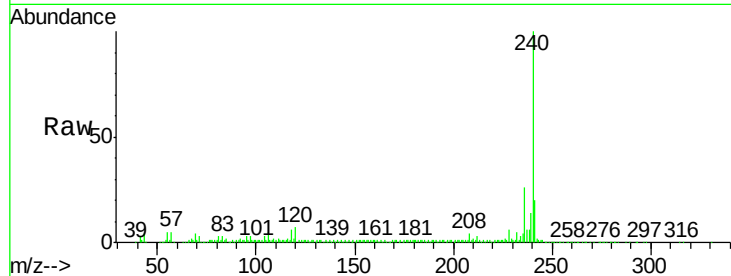
ClientSampleId :

TP-COMP-04

Tgt Ion:	240	Resp:	253321
Ion Ratio	Lower	Upper	
240	100		
120	7.3	8.1	12.1#
236	25.8	21.3	31.9

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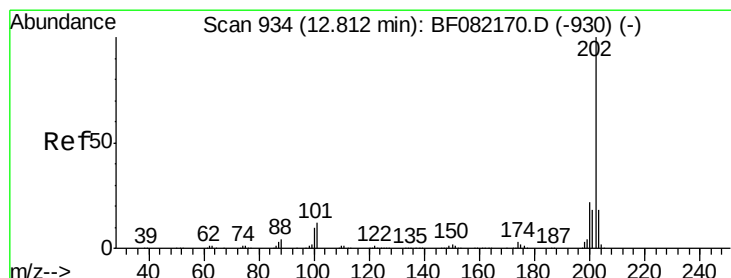
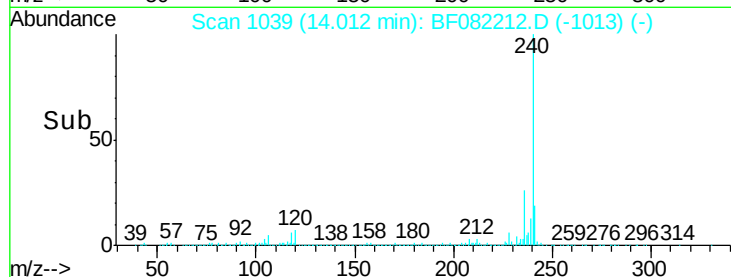
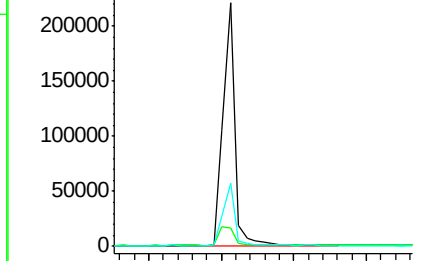
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.29 ng

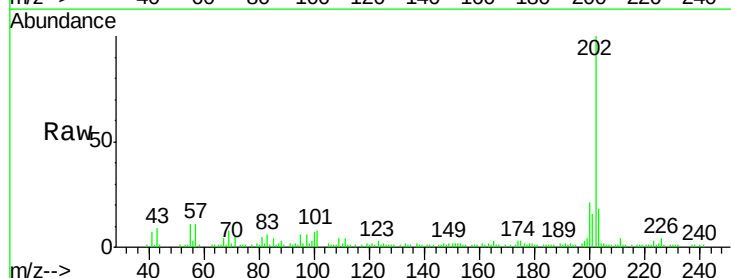
RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

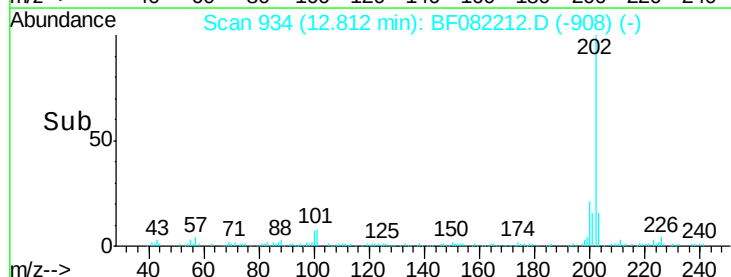
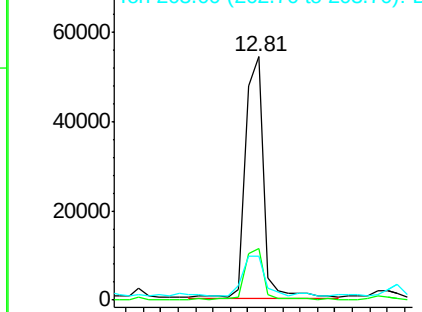
Tgt Ion:	202	Resp:	79498
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.9	26.9
203	18.0	14.5	21.7

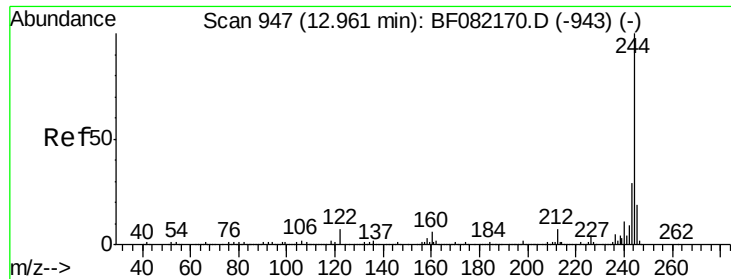


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 58.34 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Instrument :

BNA_F

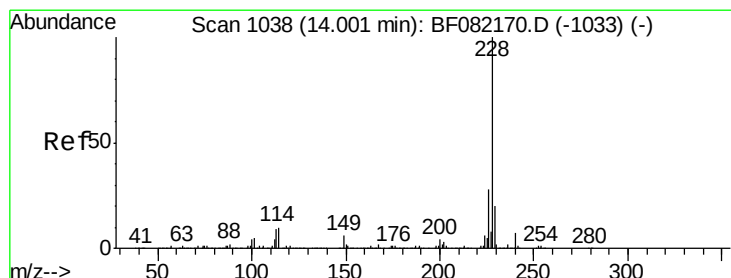
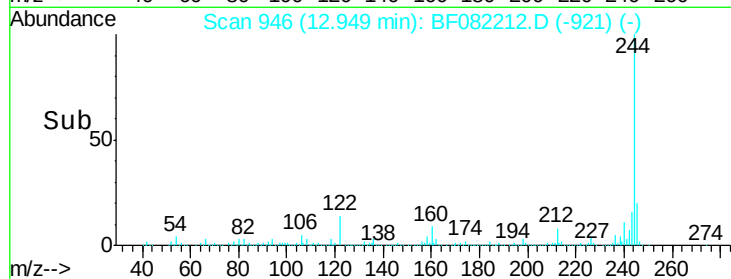
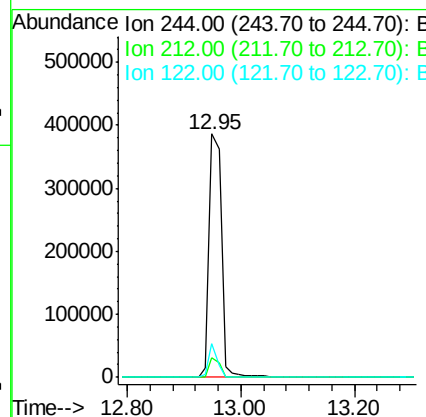
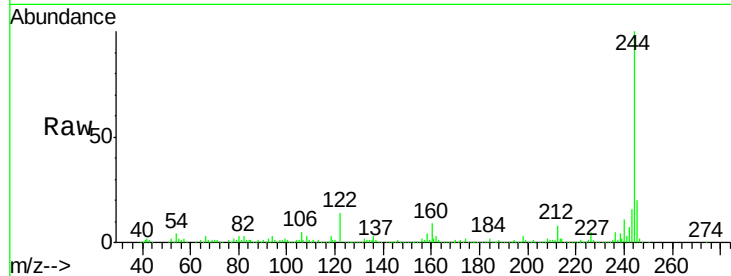
ClientSampleId :

TP-COMP-04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	14.0	5.9	8.9#

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#80

Benzo(a)anthracene

Concen: 3.67 ng m

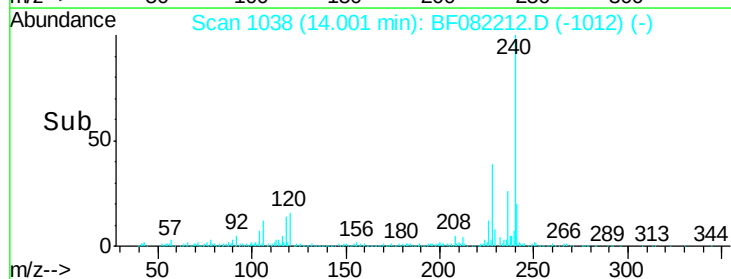
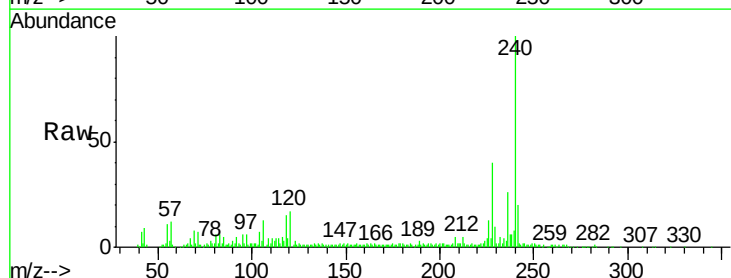
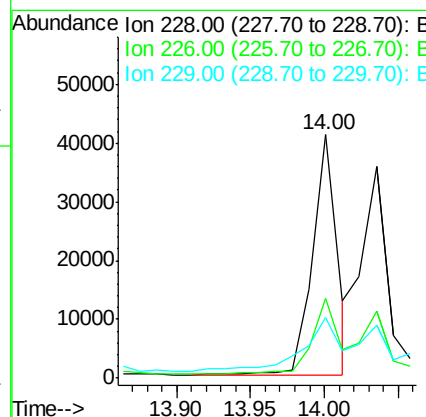
RT: 14.00 min Scan# 1038

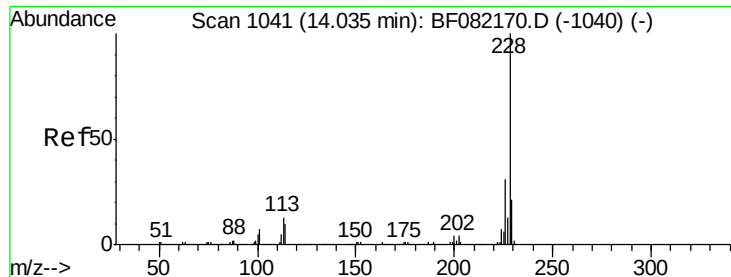
Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.3	33.5
229	24.8	16.2	24.2#





#82

Chrysene

Concen: 3.23 ng m

RT: 14.04 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Instrument :

BNA_F

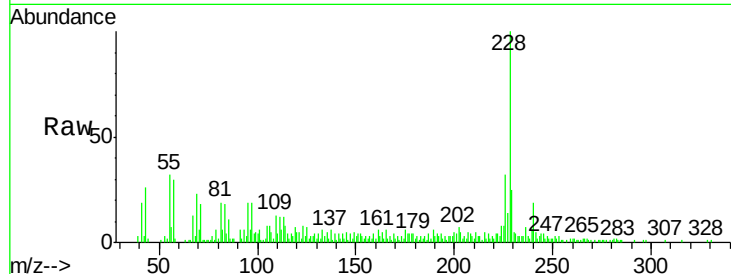
ClientSampleId :

TP-COMP-04

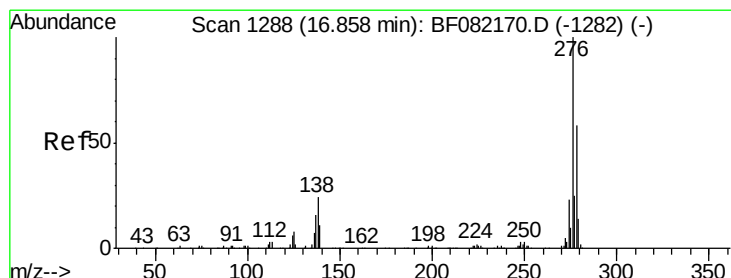
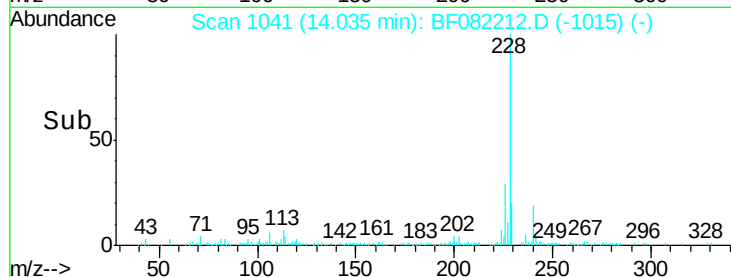
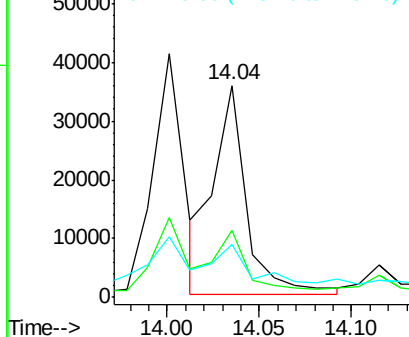
Tgt Ion:	228	Resp:	44919
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.4	36.6
229	24.8	16.3	24.5#

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.44 ng

RT: 16.86 min Scan# 1288

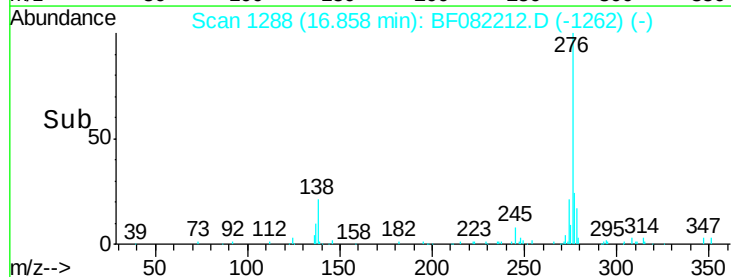
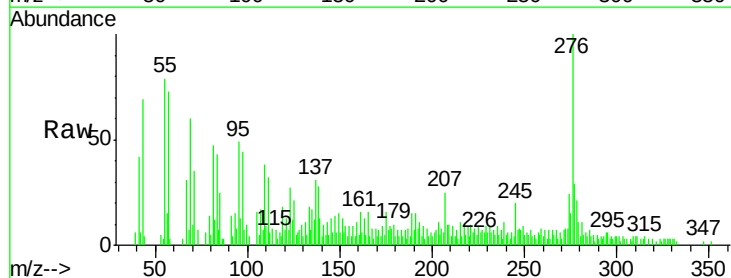
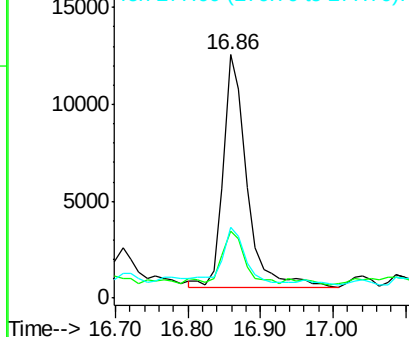
Delta R.T. 0.00 min

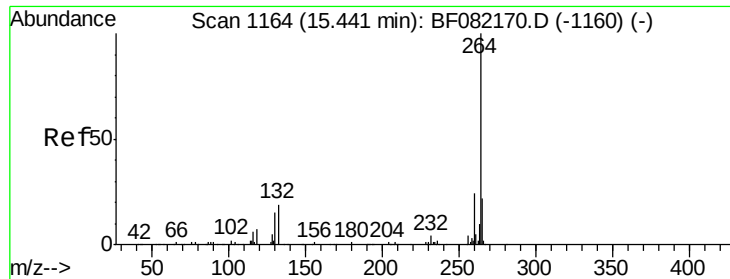
Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Tgt Ion:	276	Resp:	26909
Ion Ratio	Lower	Upper	
276	100		
138	22.8	19.7	29.5
277	23.0	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





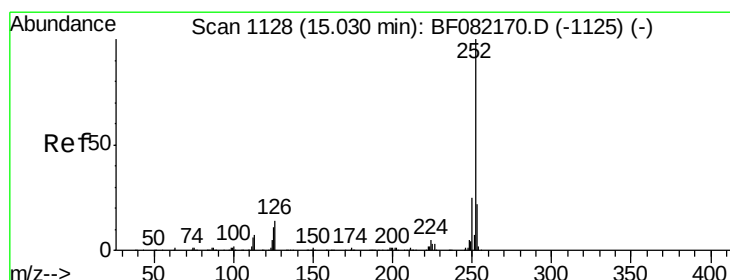
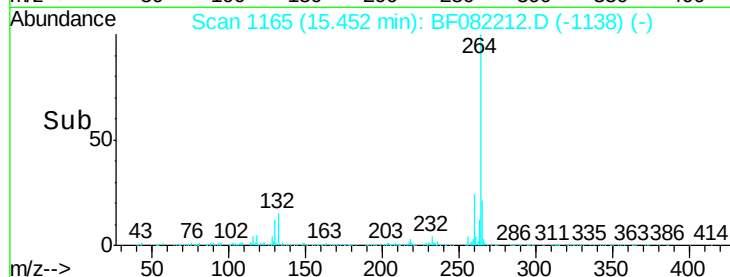
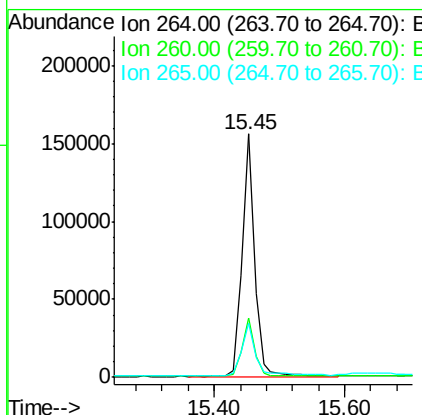
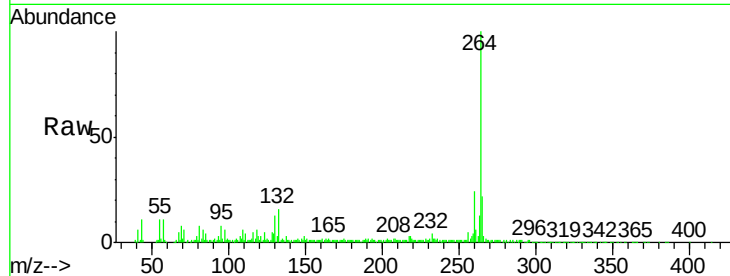
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
TP-COMP-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.2	17.3	25.9

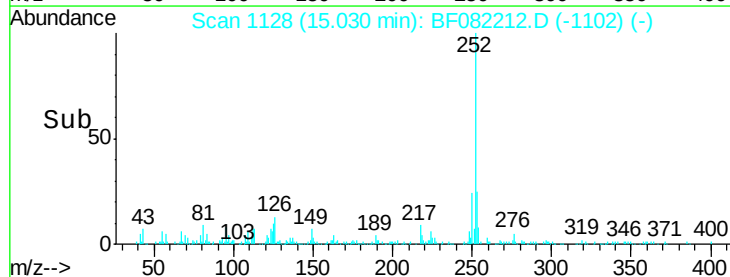
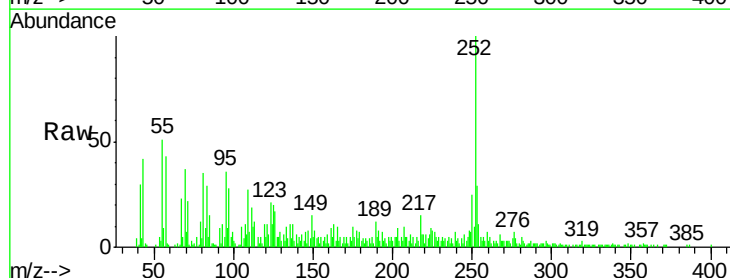
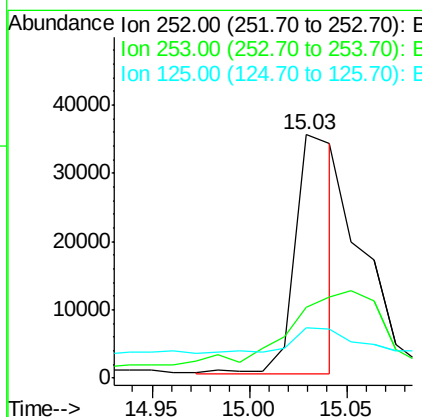
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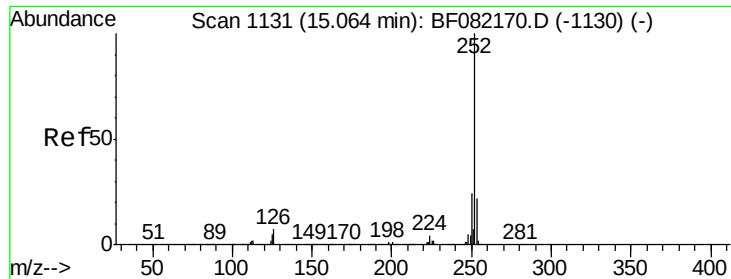
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#87
Benzo(b)fluoranthene
Concen: 4.12 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.0	27.0#
125	20.5	8.6	12.8#





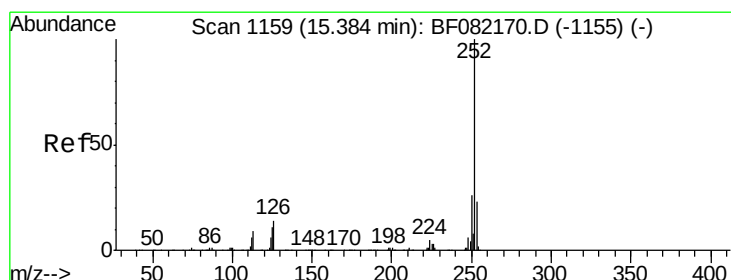
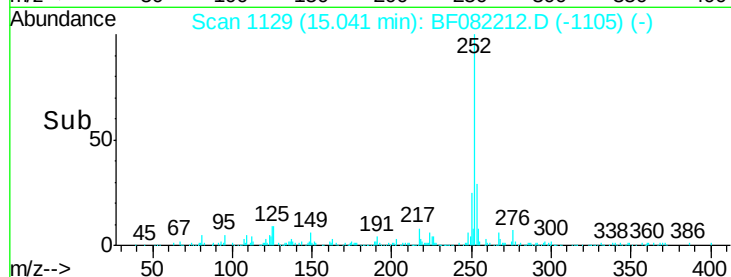
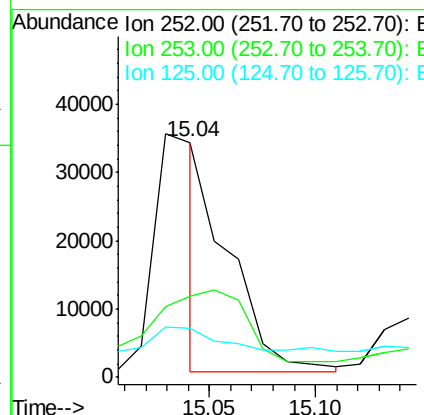
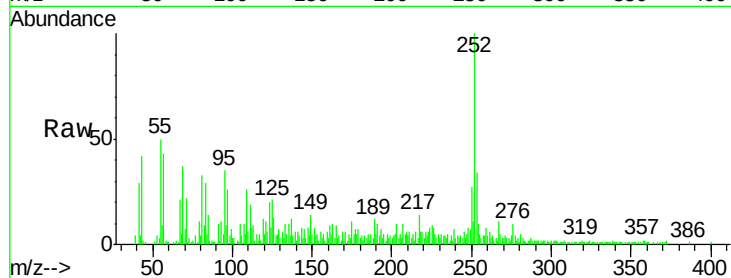
#88
Benzo(k)fluoranthene
Concen: 2.82 ng m
RT: 15.04 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Instrument :
BNA_F
ClientSampleId :
TP-COMP-04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.8	26.6#
125	20.7	6.7	10.1#

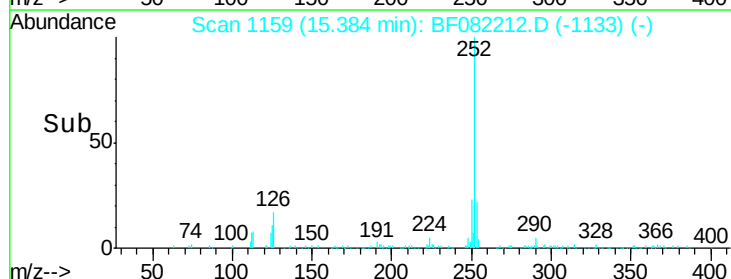
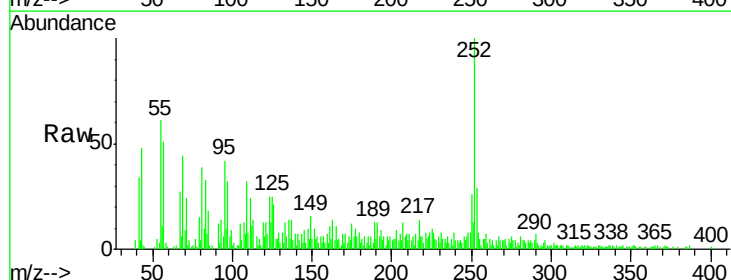
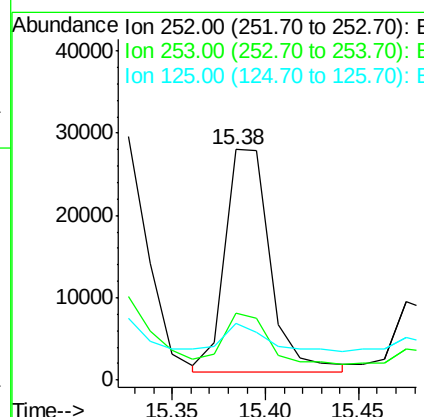
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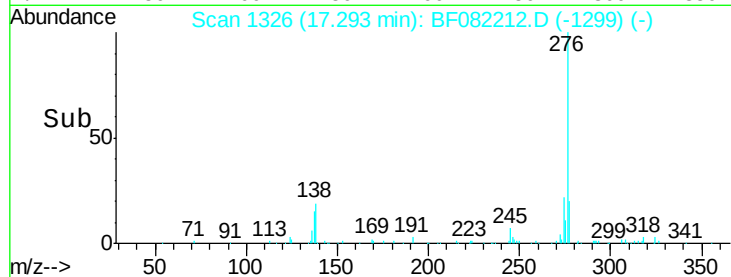
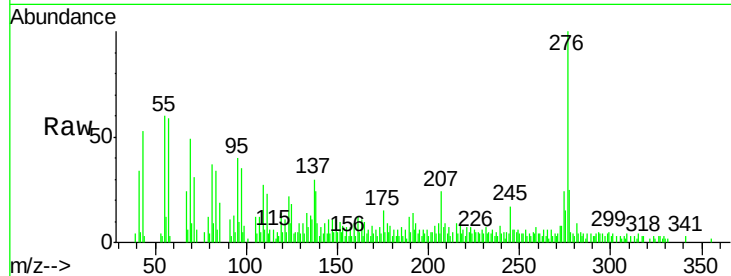
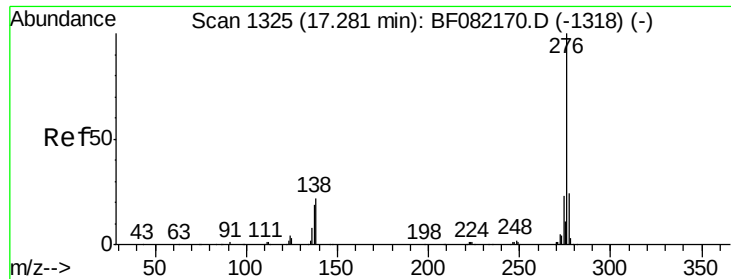
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#89
Benzo(a)pyrene
Concen: 4.28 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082212.D
Acq: 11 Oct 2015 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.2	27.2#
125	24.6	8.9	13.3#





#91

Benzo(g,h,i)perylene

Concen: 3.41 ng

RT: 17.29 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF082212.D

Acq: 11 Oct 2015 9:09

Instrument :

BNA_F

ClientSampleId :

TP-COMP-04

Tgt Ion:	276	Resp:	28975
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.8	28.2
138	23.5	17.4	26.2

Manual Integrations
APPROVED

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