

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083968.D
 Acq On : 19 Dec 2015 21:35
 Operator : UM/SJ
 Sample : G4869-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-06

Manual Integrations
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Quant Time: Dec 21 04:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	72422	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	257466	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	123293	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	257671	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	189792	20.00	ng	-0.02
86) Perylene-d12	15.44	264	156100	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	580477	125.43	ng	-0.01
7) Phenol-d6	6.50	99	704457	124.36	ng	-0.01
23) Nitrobenzene-d5	7.41	82	459536	101.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	214897	158.21	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	665854	74.35	ng	-0.03
78) Terphenyl-d14	12.96	244	617555	75.36	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	184747	17.86	ng	# 91
70) Phenanthrene	11.39	178	218417	14.03	ng	100
71) Anthracene	11.45	178	55104	3.66	ng	98
74) Fluoranthene	12.59	202	215562	13.88	ng	96
77) Pyrene	12.81	202	167099	12.95	ng	99
80) Benzo(a)anthracene	14.00	228	66409m	5.69	ng	
82) Chrysene	14.03	228	53821m	4.77	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	75897	9.00	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.85	276	24835	2.95	ng	94
87) Benzo(b)fluoranthene	15.03	252	53877m	4.73	ng	
88) Benzo(k)fluoranthene	15.04	252	24966m	2.66	ng	
89) Benzo(a)pyrene	15.38	252	39305	4.18	ng	# 93
91) Benzo(a,h,i)perylene	17.28	276	23503	3.28	ng	96

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

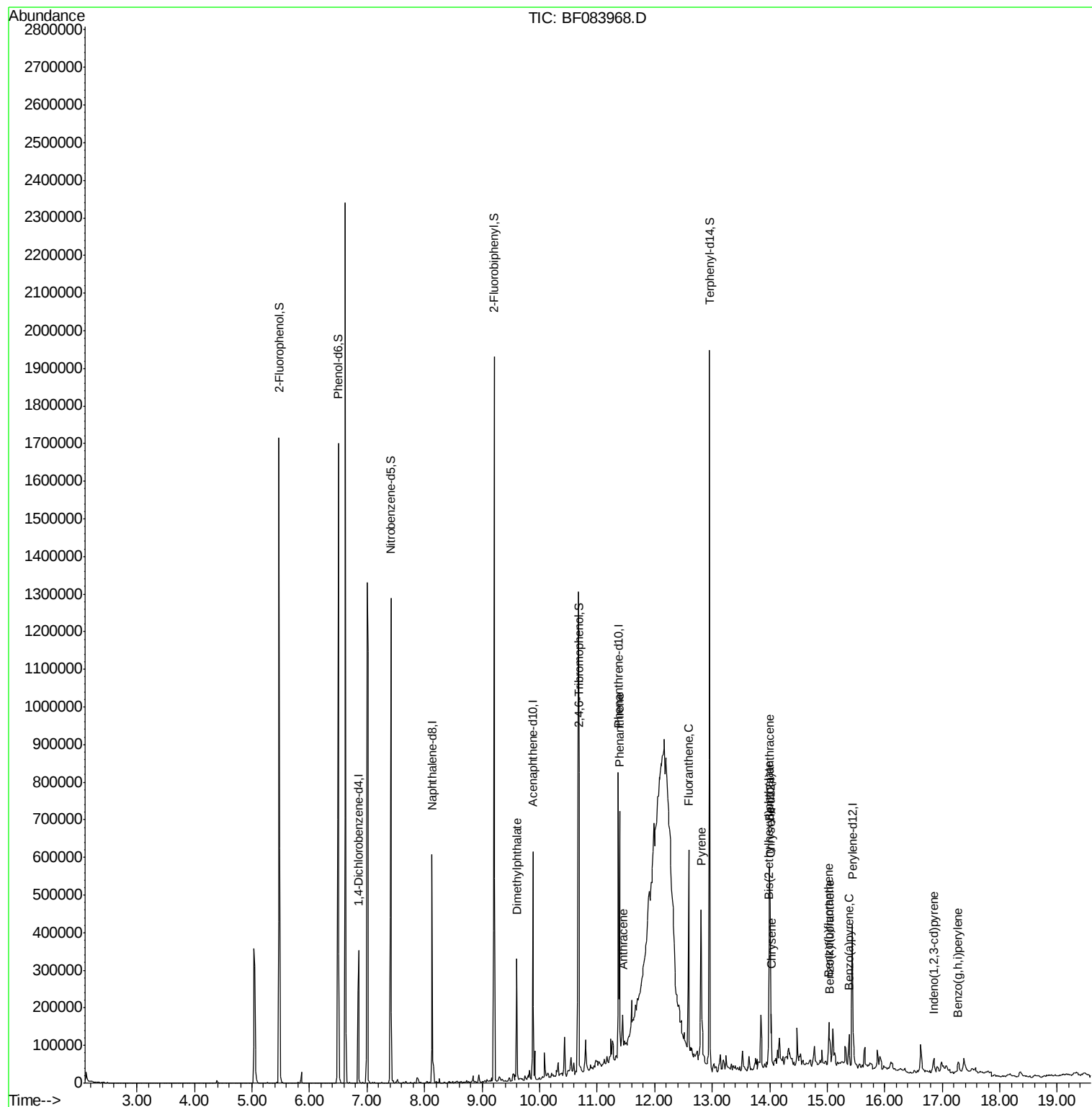
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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ALS Vial : 18 Sample Multiplier: 1

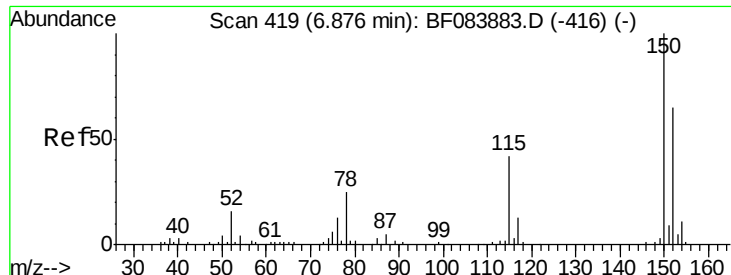
Instrument :
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LTCWC-06

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Quant Time: Dec 21 04:08:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
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#1

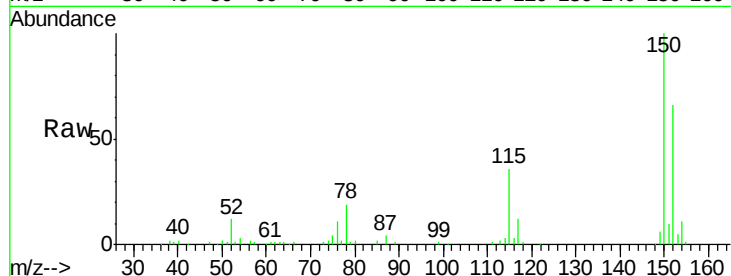
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Instrument :
BNA_F
ClientSampleId :
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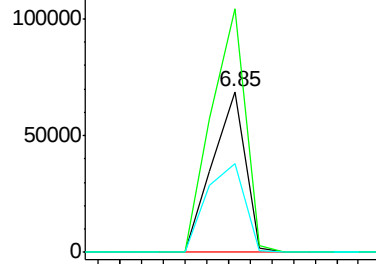
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.0	184.4
115	55.0	51.4	77.2

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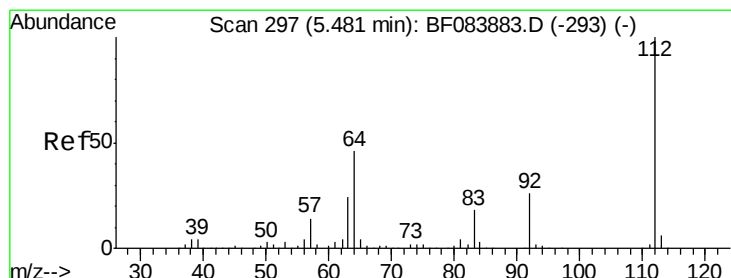
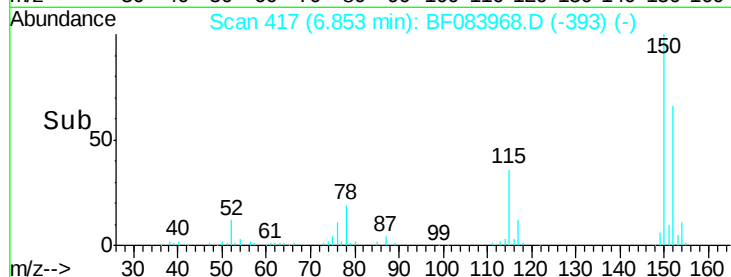
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



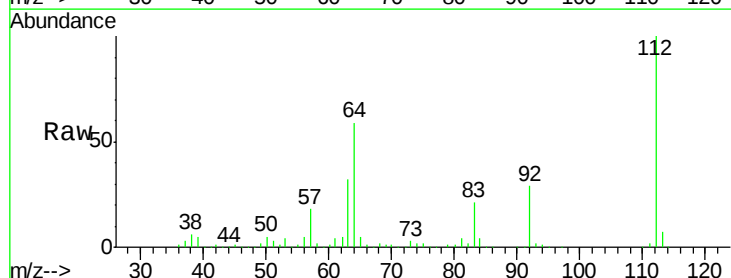
Time-->



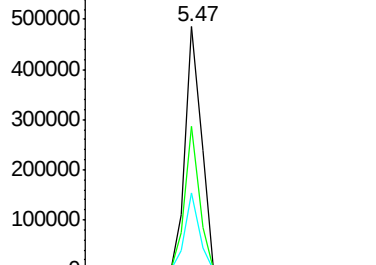
#5

2-Fluorophenol
Concen: 125.43 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

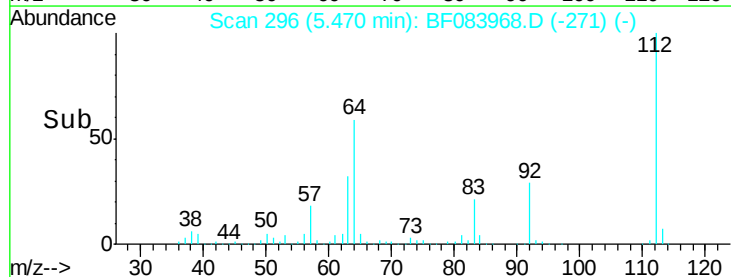
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	36.6	55.0#
63	31.7	19.4	29.0#

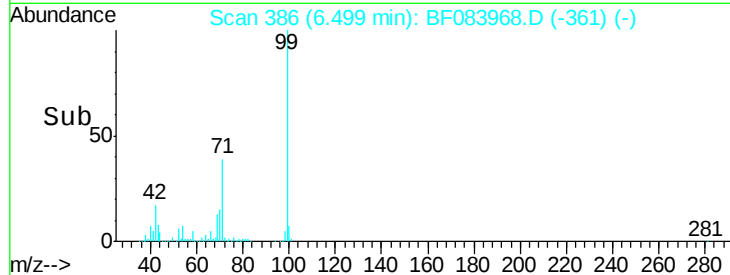
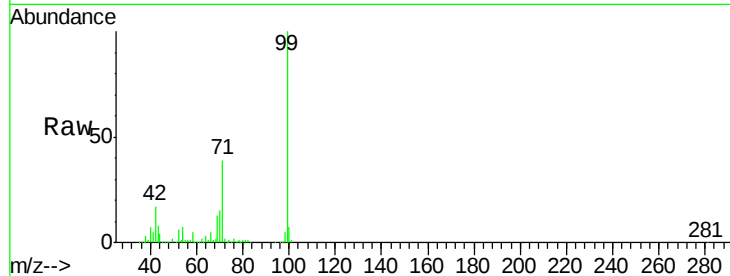
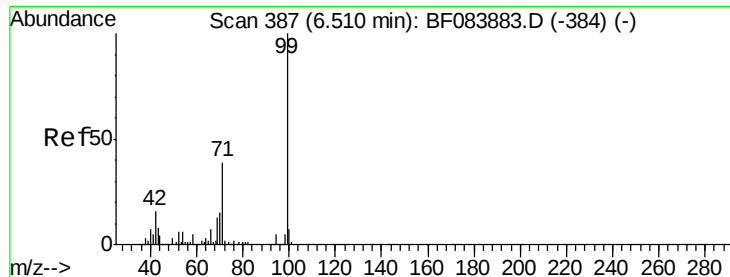


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 124.36 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		704457		
42	16.5	12.8	19.2		
71	39.0	30.9	46.3		

Instrument :

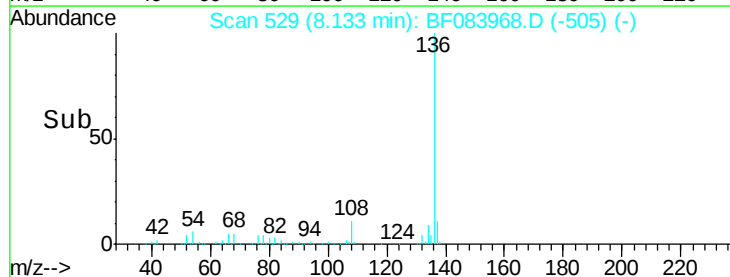
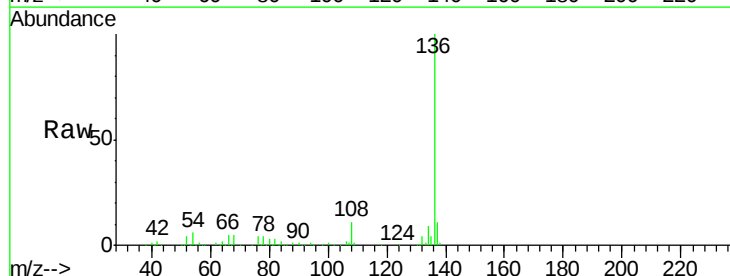
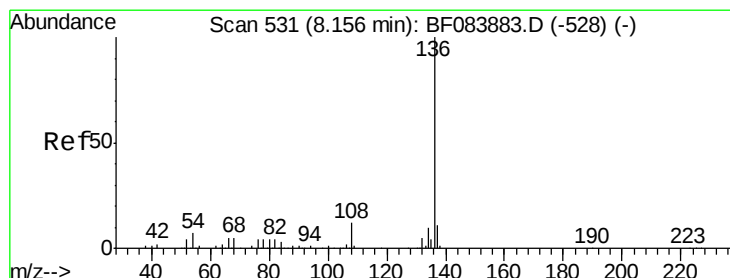
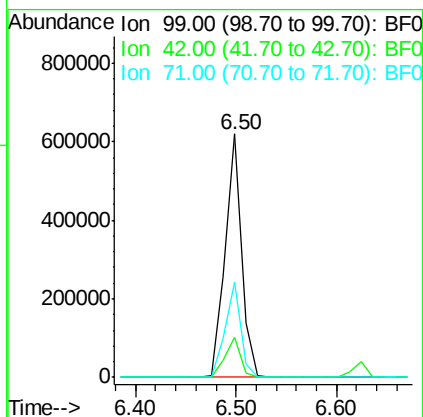
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#21

Naphthalene-d8

Concen: 20.00 ng

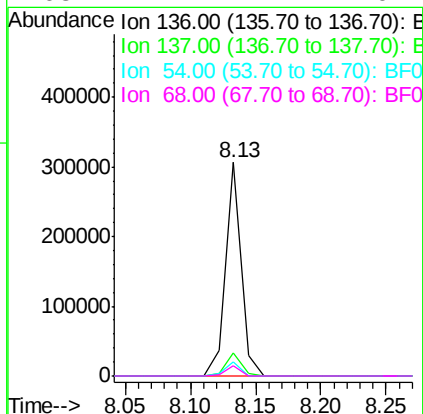
RT: 8.13 min Scan# 529

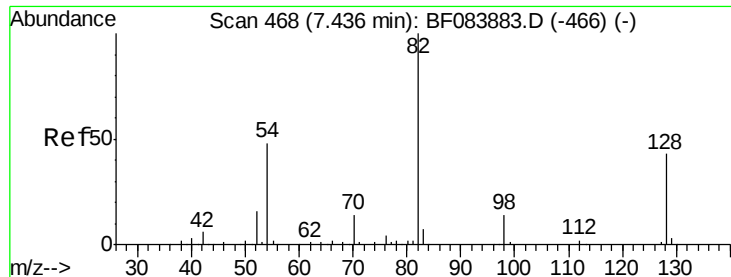
Delta R.T. -0.02 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		257466		
137	10.9	8.7	13.1		
54	6.4	5.8	8.8		
68	4.7	4.2	6.2		





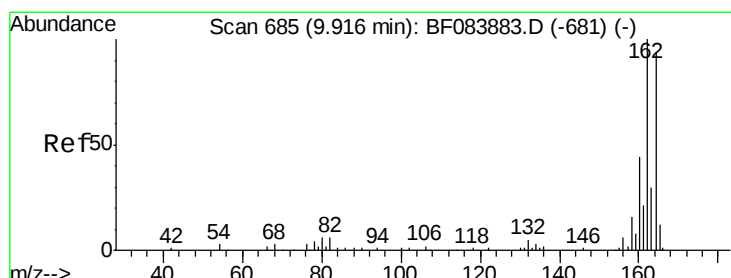
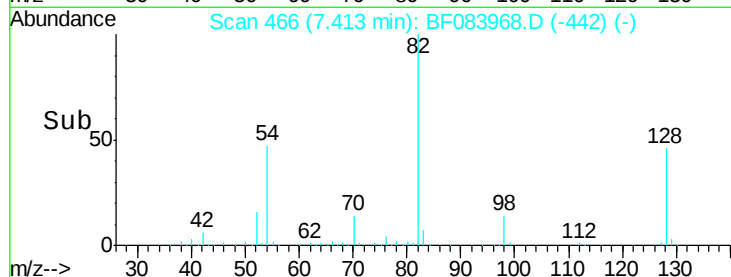
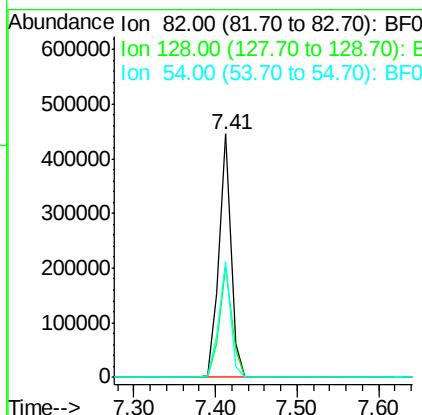
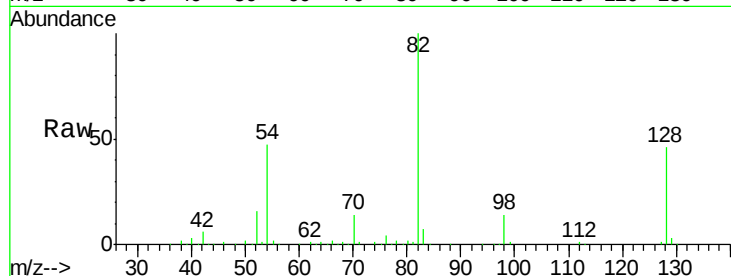
#23
 Nitrobenzene-d5
 Concen: 101.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-06

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	34.6	51.8	
54	47.3	38.4	57.6	

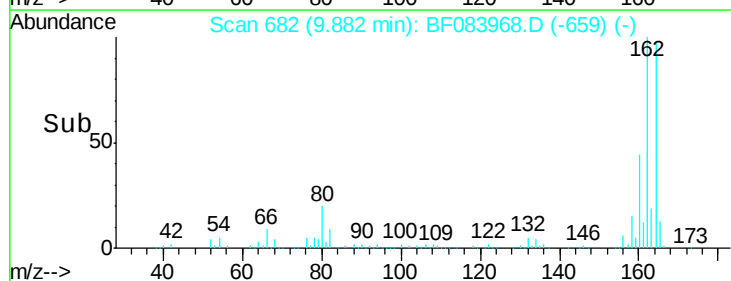
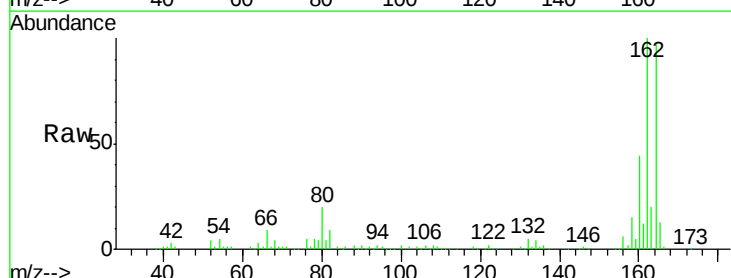
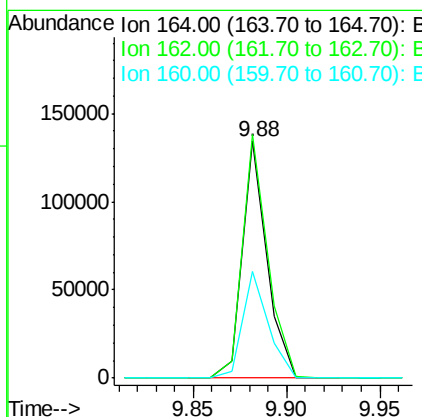
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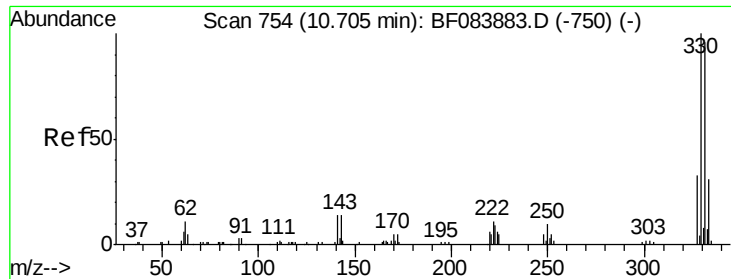
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	85.1	127.7	
160	44.9	37.5	56.3	





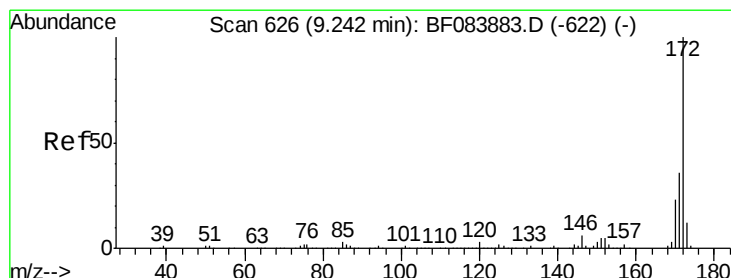
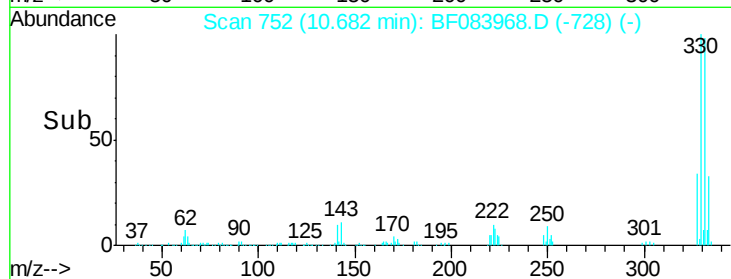
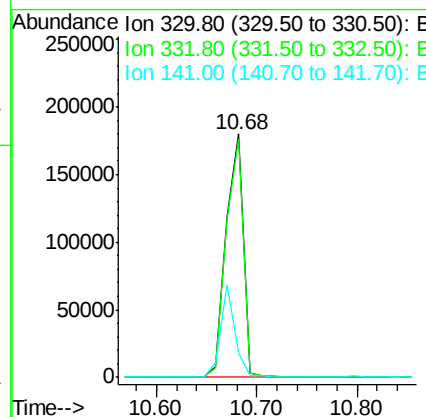
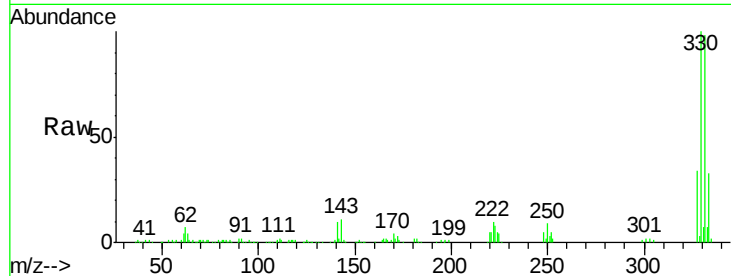
#41
 2,4,6-Tribromophenol
 Concen: 158.21 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	214897		
332	97.9	76.6	114.8	
141	32.6	27.8	41.6	

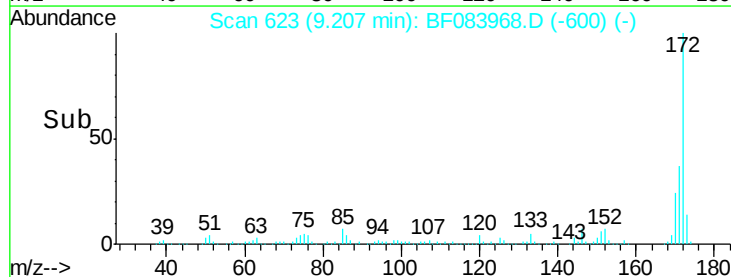
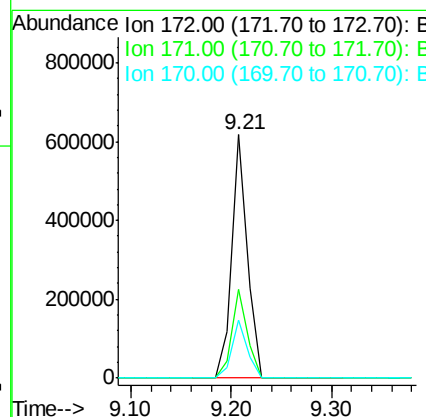
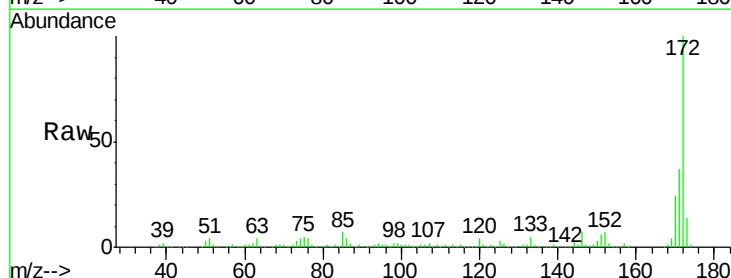
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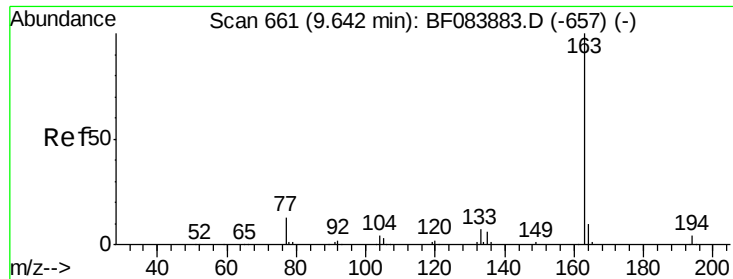
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#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	665854		
171	36.7	28.9	43.3	
170	24.1	18.6	27.8	





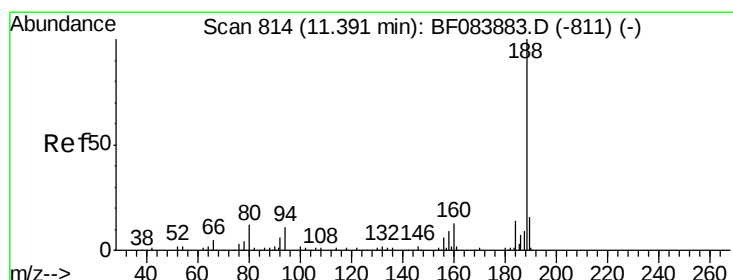
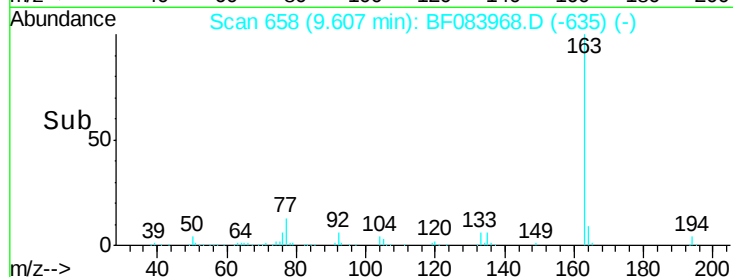
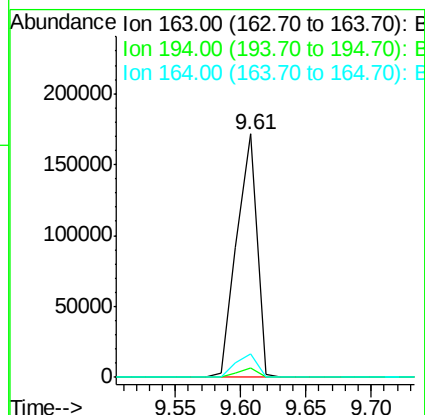
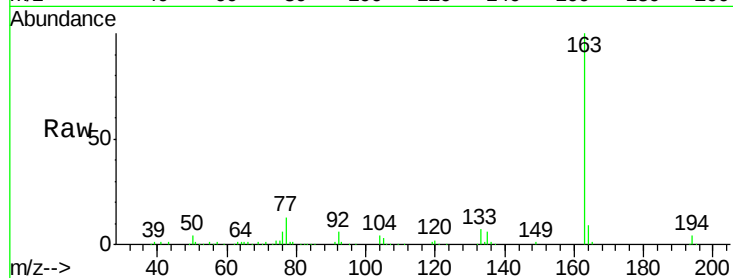
#49
Dimethylphthalate
Concen: 17.86 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.5	8.0	12.0

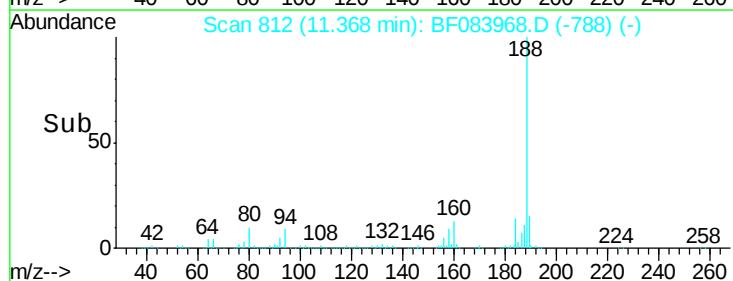
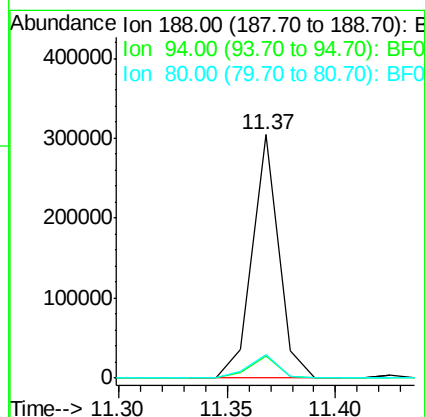
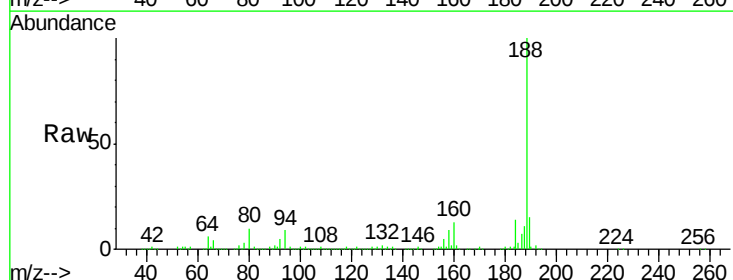
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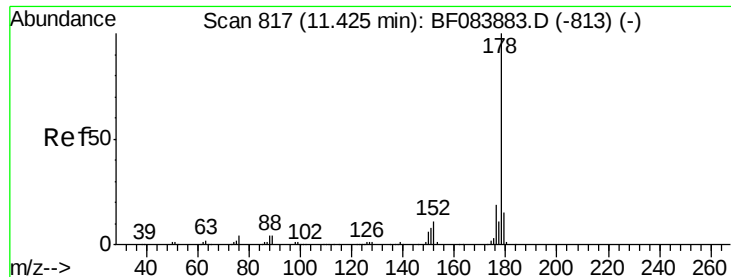
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.7	9.6	14.4





#70

Phenanthrene

Concen: 14.03 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Instrument :

BNA_F

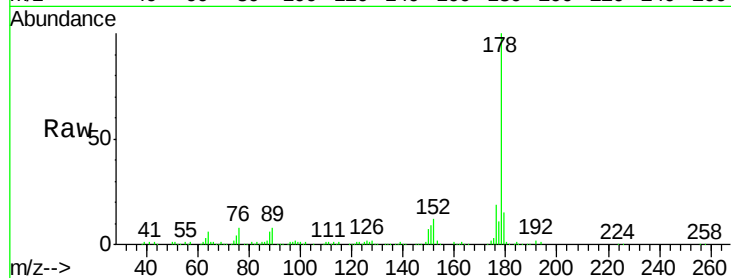
ClientSampleId :

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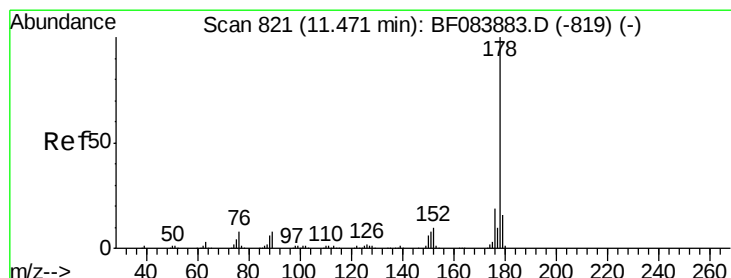
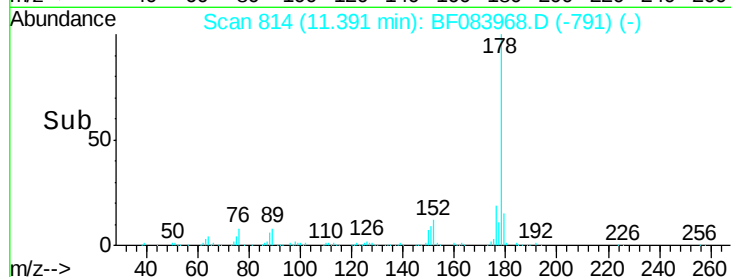
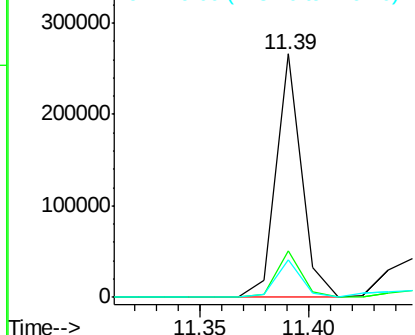
Tot Ion:178	Resp:	218417
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.3 22.9
179	15.3	12.0 18.0

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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: 3.66 ng

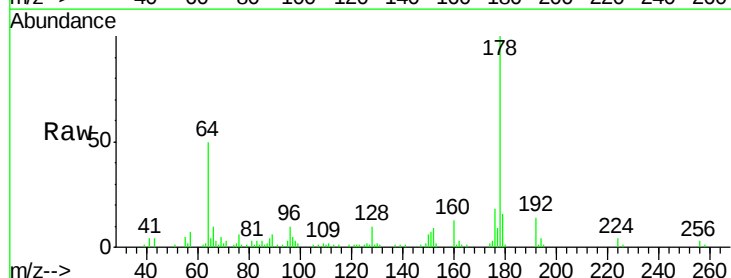
RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

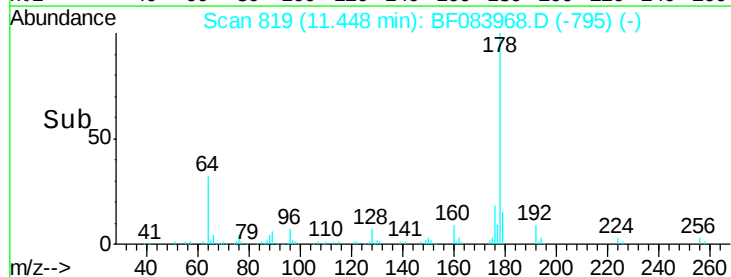
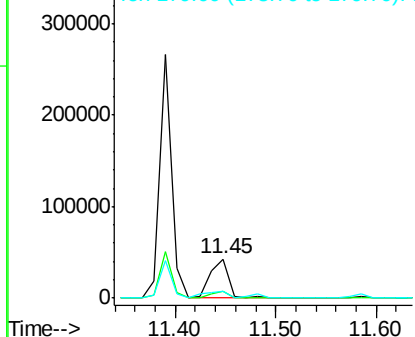
Lab File: BF083968.D

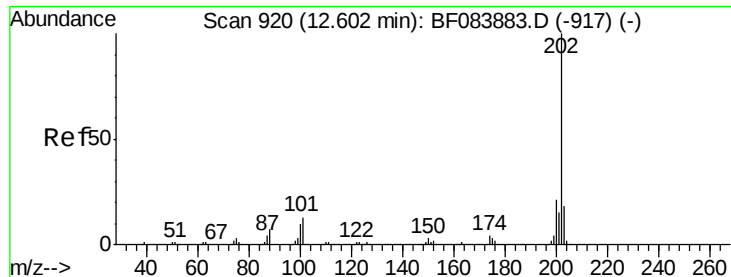
Acq: 19 Dec 2015 21:35

Tgt Ion:178	Resp:	55104
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	16.1	12.5 18.7



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





#74

Fluoranthene

Concen: 13.88 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Instrument :

BNA_F

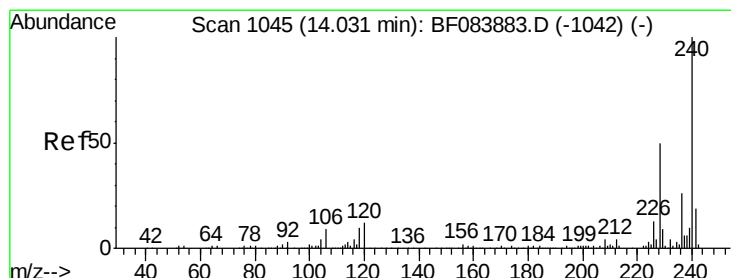
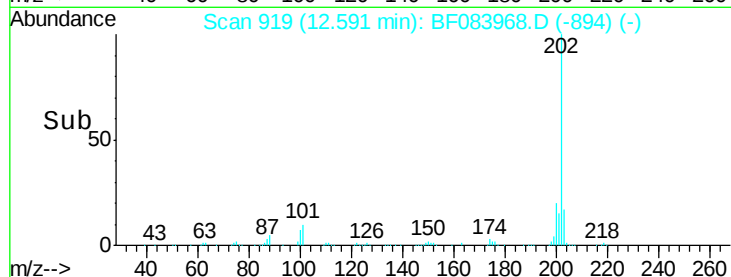
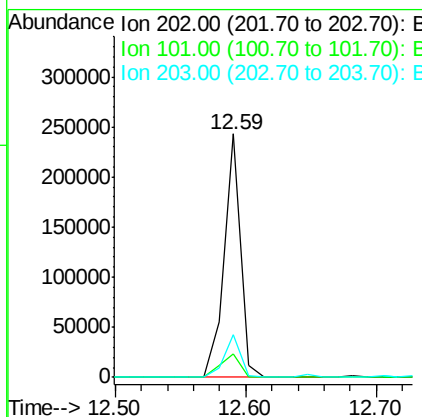
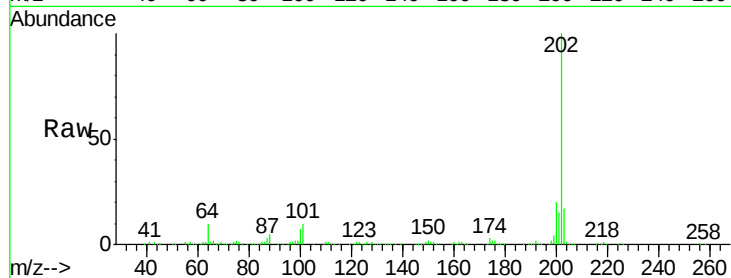
ClientSampleId :

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Tot Ion:	202	Resp:	215562
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.8
203	17.4	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

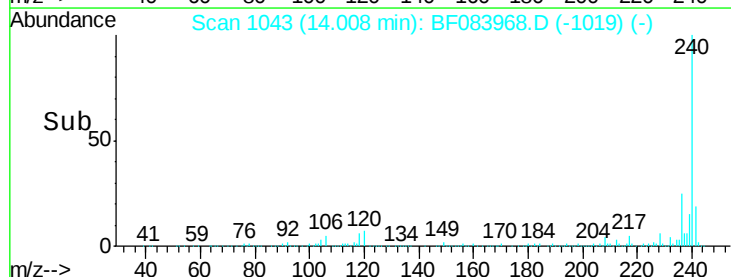
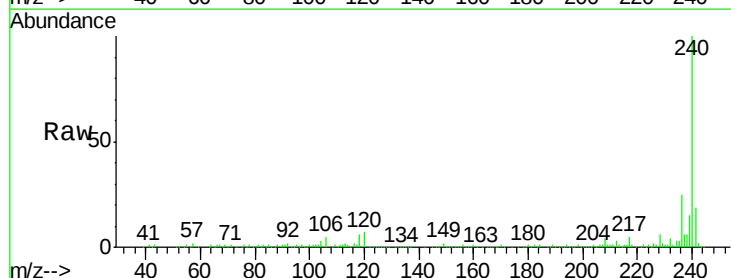
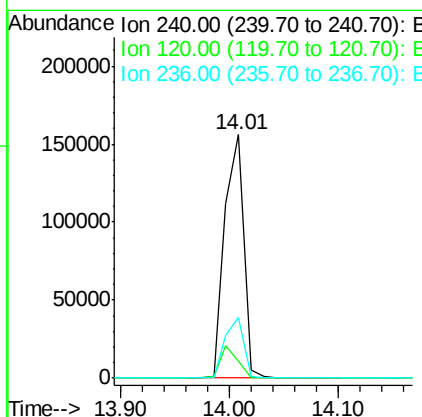
RT: 14.01 min Scan# 1043

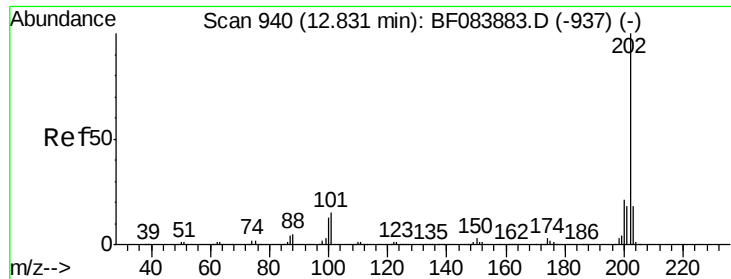
Delta R.T. -0.02 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Tgt Ion:	240	Resp:	189792
Ion Ratio	Lower	Upper	
240	100		
120	6.9	9.5	14.3#
236	25.1	20.6	31.0





#77

Pvrene

Concen: 12.95 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF083968.D

Acq: 19 Dec 2015 21:35

Instrument :

BNA_F

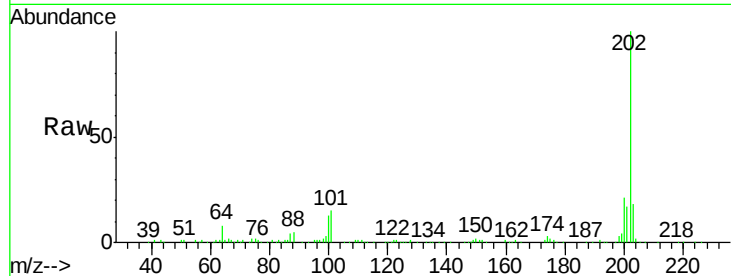
ClientSampleId :

LTCWC-06

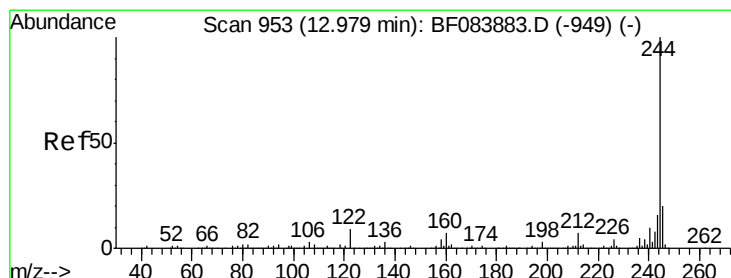
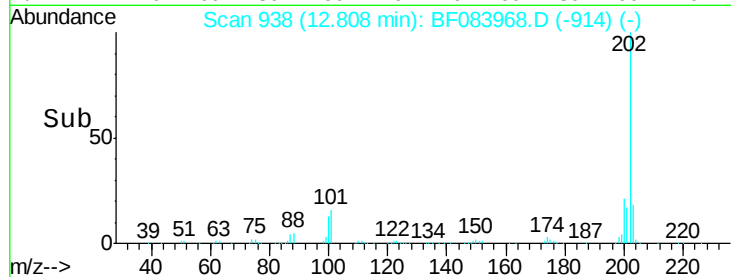
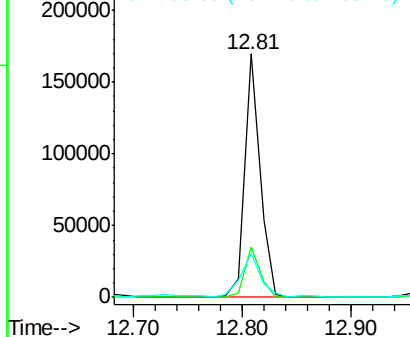
Tot Ion:	202	Resp:	167099
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.2	25.8
203	18.0	14.3	21.5

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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



#78

Terphenyl-d14

Concen: 75.36 ng

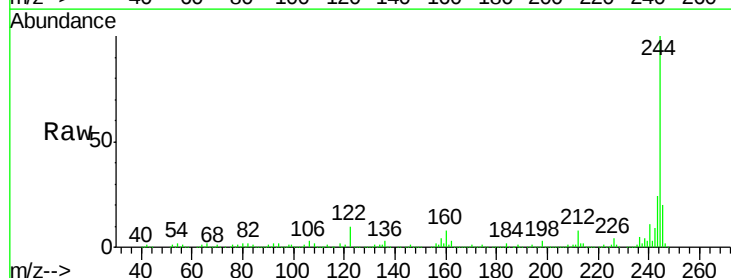
RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

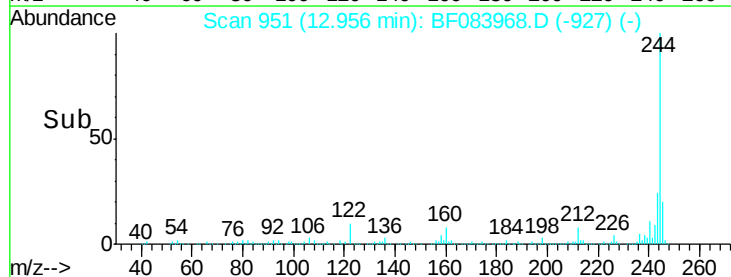
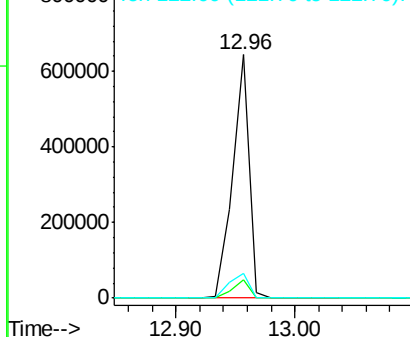
Lab File: BF083968.D

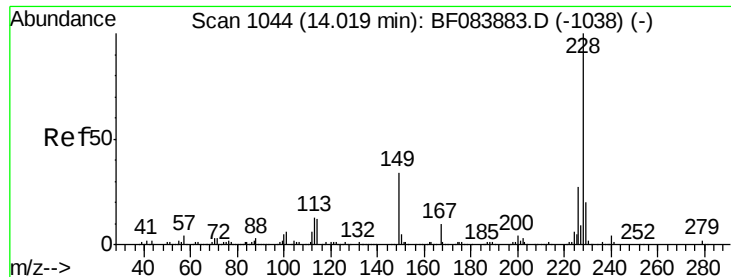
Acq: 19 Dec 2015 21:35

Tgt Ion:	244	Resp:	617555
Ion Ratio		Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.2	7.4	11.0



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





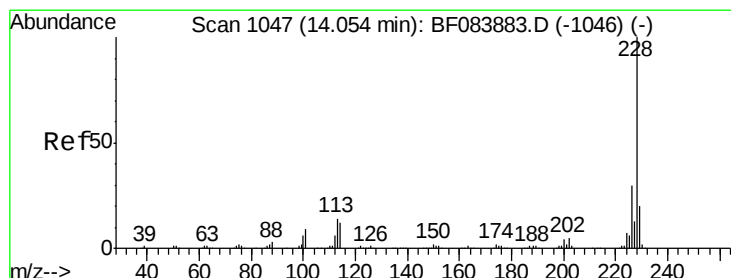
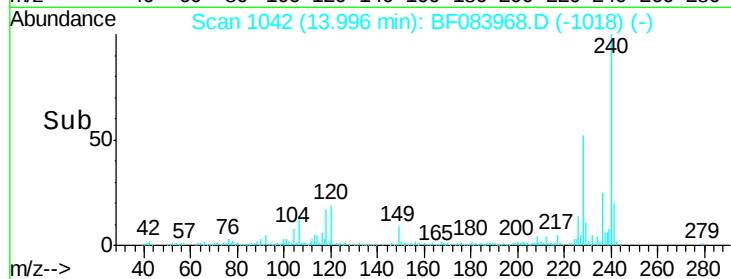
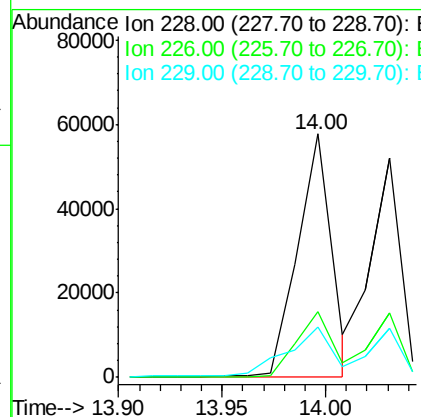
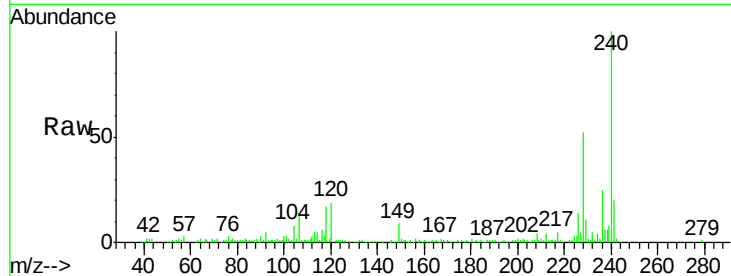
#80
Benzo(a)anthracene
Concen: 5.69 ng m
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Instrument :
BNA_F
ClientSampleId :
LTCWC-06

Tot Ion:	228	Resp:	66409
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.6
229	20.7	15.8	23.8

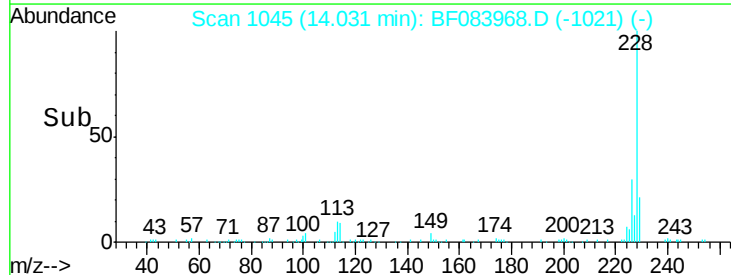
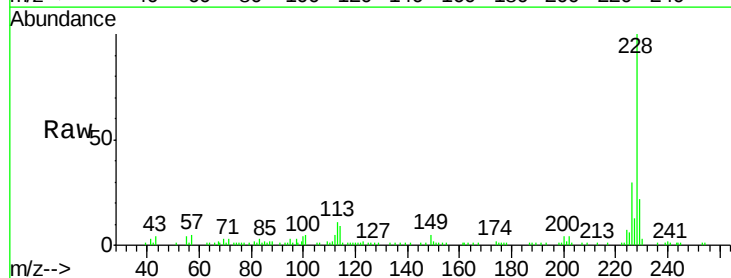
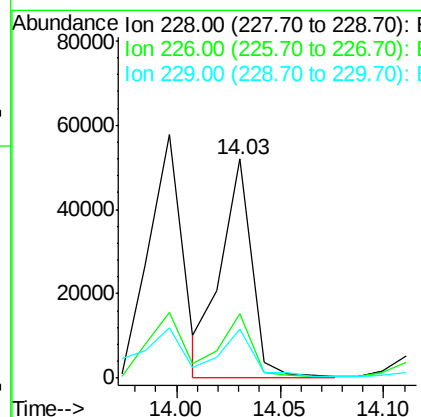
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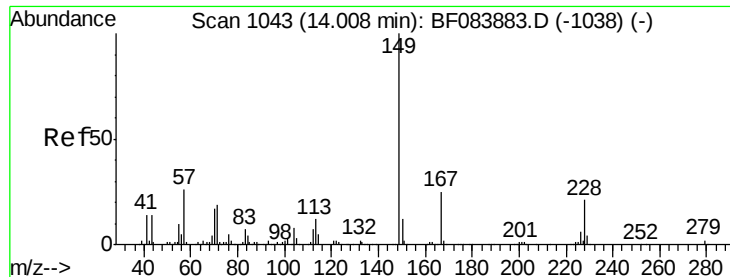
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#82
Chrysene
Concen: 4.77 ng m
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Tgt Ion:	228	Resp:	53821
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.3	36.5
229	22.1	16.1	24.1





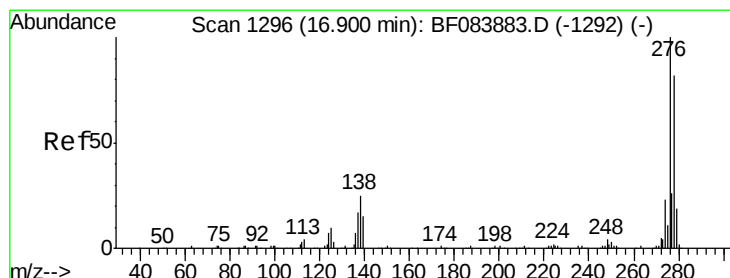
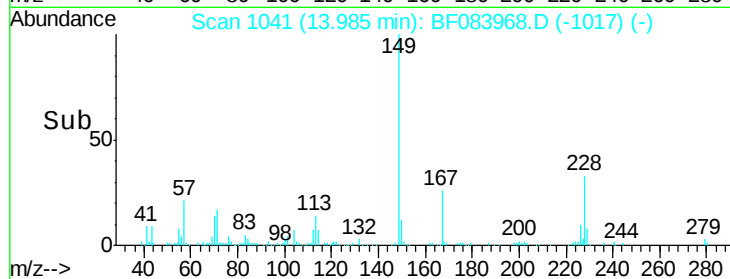
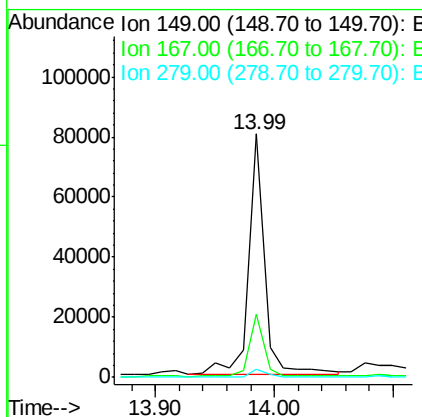
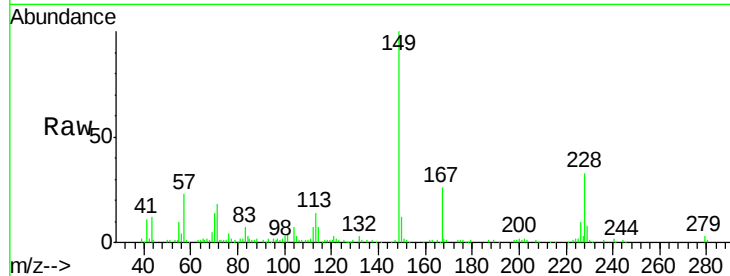
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-06

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.7	29.5
279	3.1	1.8	2.6

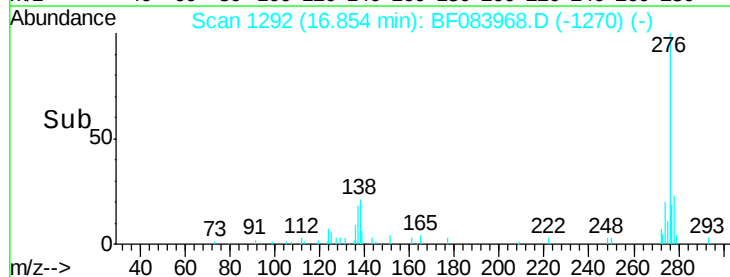
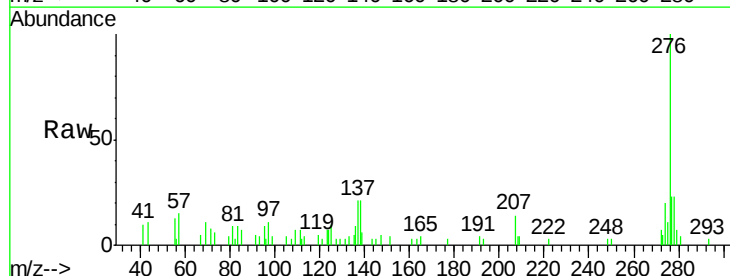
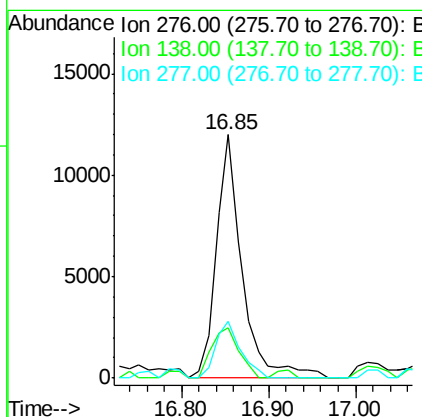
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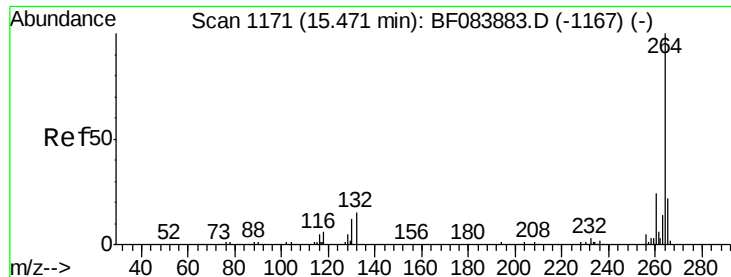
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.95 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.6	30.8
277	22.7	20.1	30.1





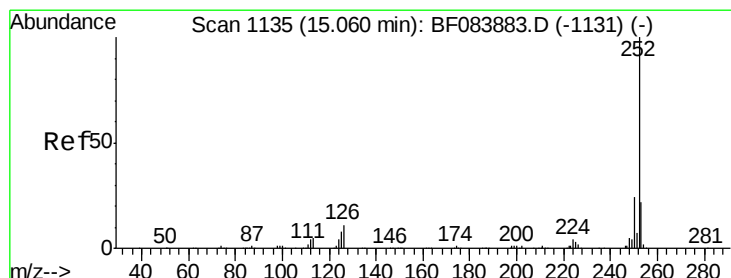
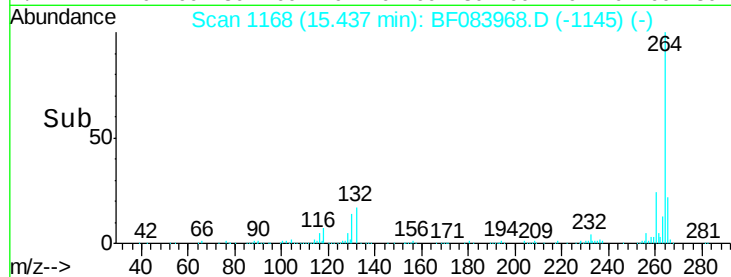
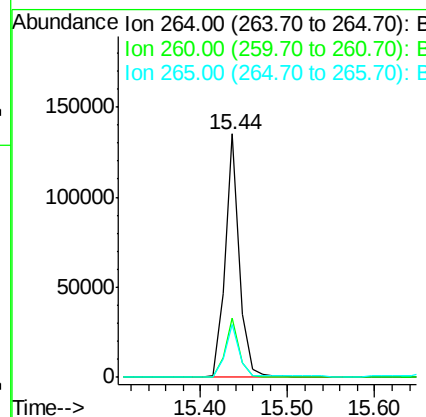
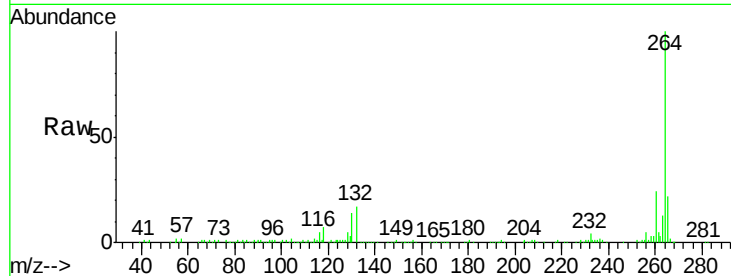
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Instrument :
BNA_F
ClientSampleId :
LTCWC-06

Tot Ion	Ratio	Resp	Lower	Upper
264	100	156100		
260	24.2		19.4	29.2
265	21.7		17.8	26.6

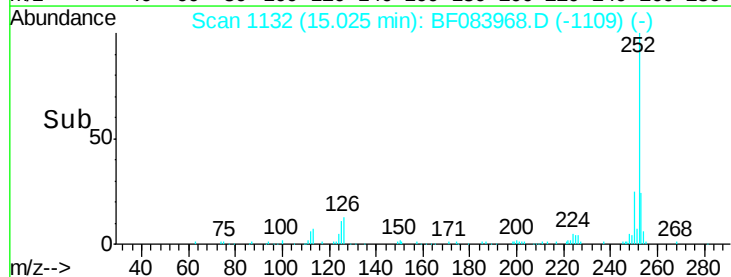
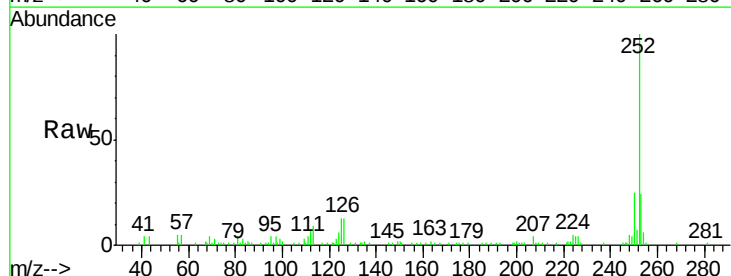
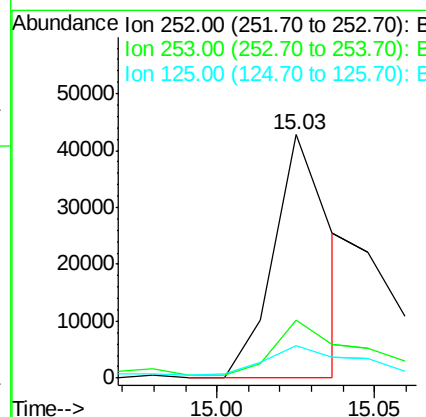
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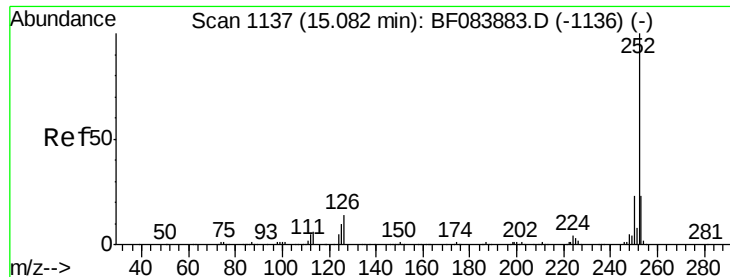
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#87
Benzo(b)fluoranthene
Concen: 4.73 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53877		
253	23.8		17.3	25.9
125	13.3		6.5	9.7#





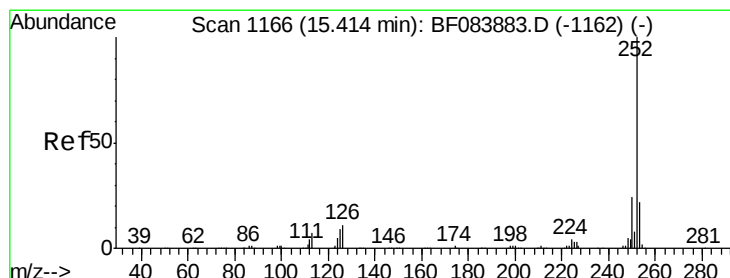
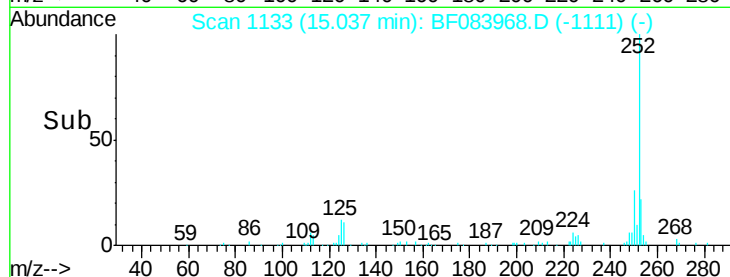
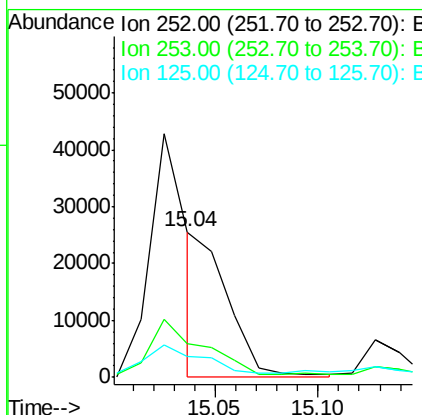
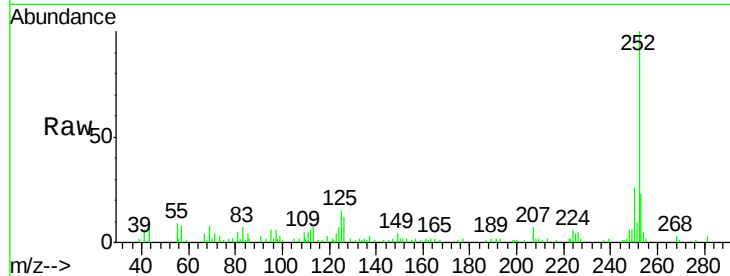
#88
Benzo(k)fluoranthene
Concen: 2.66 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Instrument :
BNA_F
ClientSampleId :
LTCWC-06

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.6	9.0	13.6

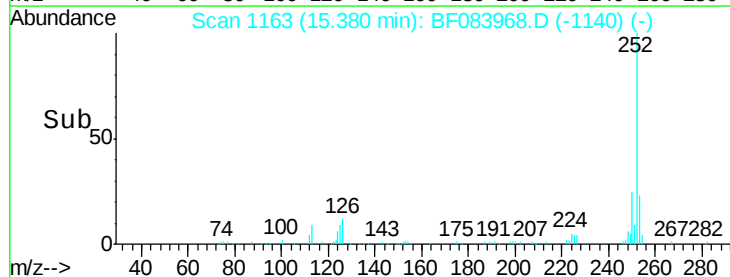
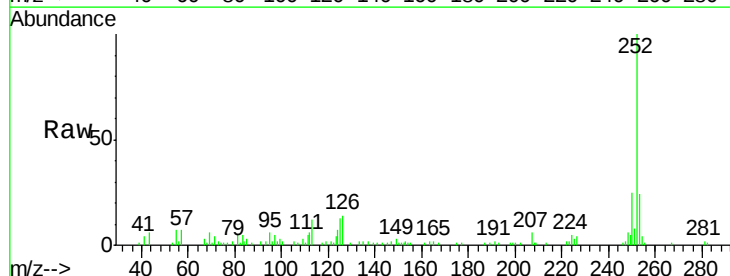
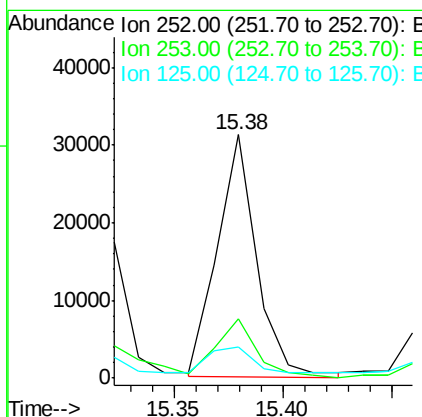
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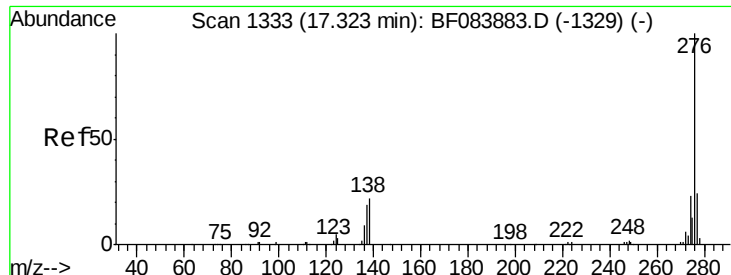
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#89
Benzo(a)pyrene
Concen: 4.18 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083968.D
Acq: 19 Dec 2015 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	12.9	7.0	10.4





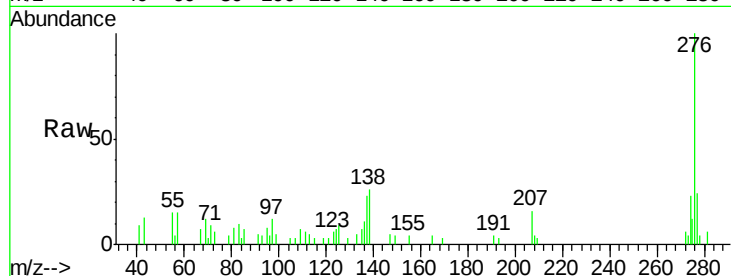
#91
 Benzo(a,h,i)perylene
 Concen: 3.28 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083968.D
 Acq: 19 Dec 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-06

Tot Ion:	276	Resp:	23503
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	25.6	17.8	26.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

