

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082797.D
 Acq On : 7 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4246-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14L

Manual Integrations
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 11/9/2015 2:08:26 PM

Quant Time: Nov 09 00:21:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	245163	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1011692	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	497717	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	924680	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	784725	20.00	ng	-0.01
86) Perylene-d12	15.43	264	597502	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1323876	84.02	ng	0.00
7) Phenol-d6	6.48	99	1684744	80.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	1149984	49.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	358688	62.85	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1466607	42.23	ng	-0.01
78) Terphenyl-d14	12.96	244	1262506	38.16	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	717185	17.59	ng	98
70) Phenanthrene	11.39	178	527099	9.82	ng	96
71) Anthracene	11.44	178	150296	2.66	ng	97
74) Fluoranthene	12.58	202	619970	10.76	ng	98
77) Pyrene	12.81	202	554757	10.29	ng	96
80) Benzo(a)anthracene	14.00	228	227157	4.63	ng	96
82) Chrysene	14.03	228	173650m	3.86	ng	
87) Benzo(b)fluoranthene	15.03	252	170113m	4.44	ng	
89) Benzo(a)pyrene	15.37	252	111947	3.37	ng	98

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

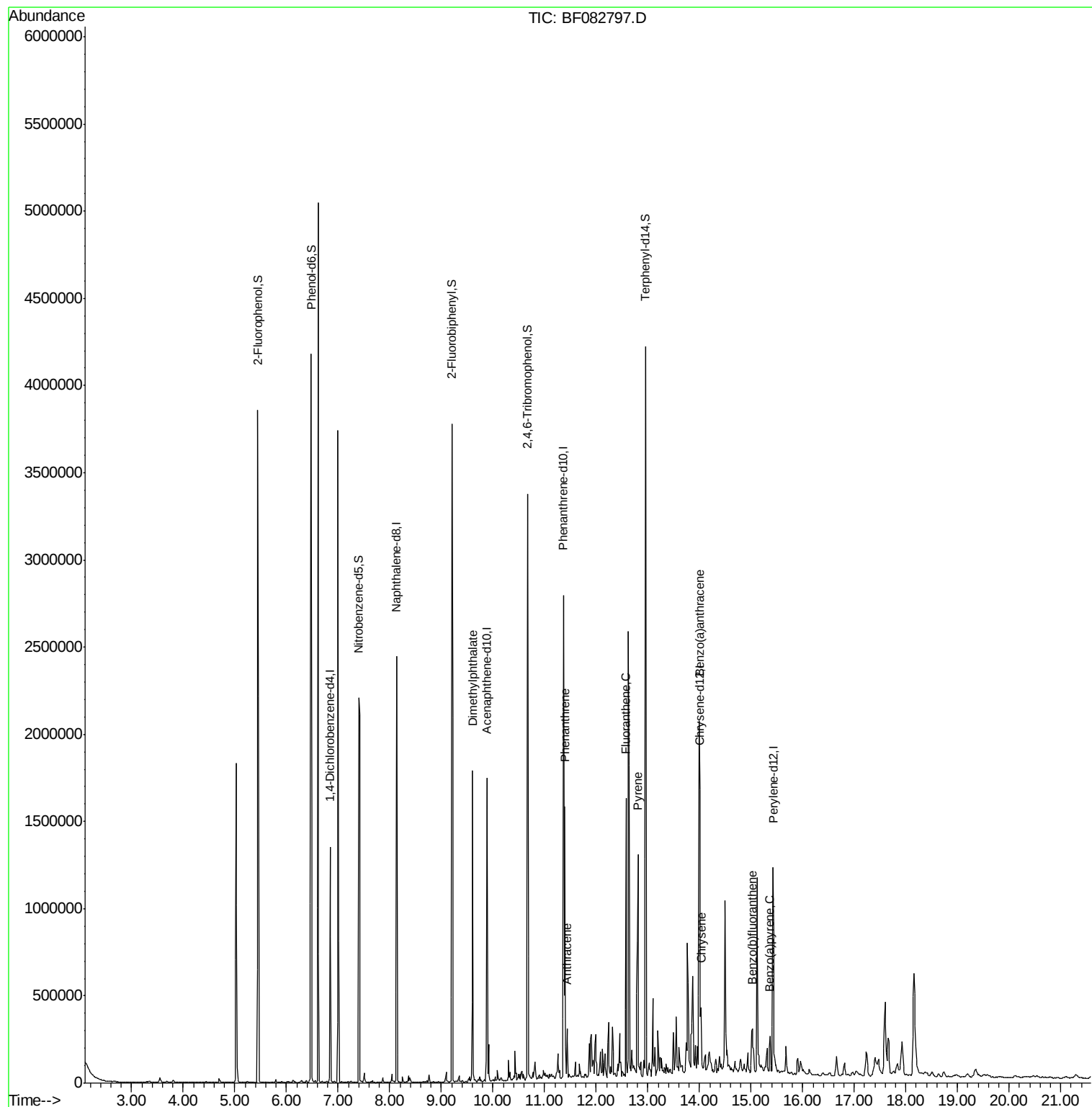
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

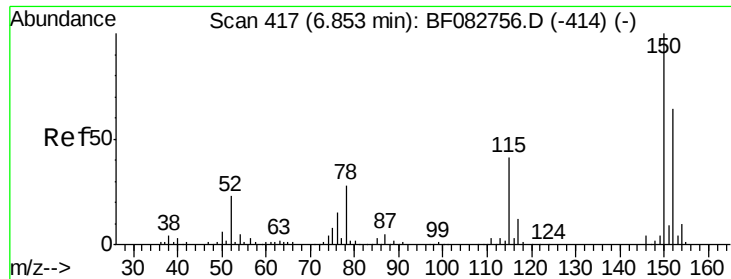
Instrument :
BNA_F
ClientSampleId :
T-14L

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Quant Time: Nov 09 00:21:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

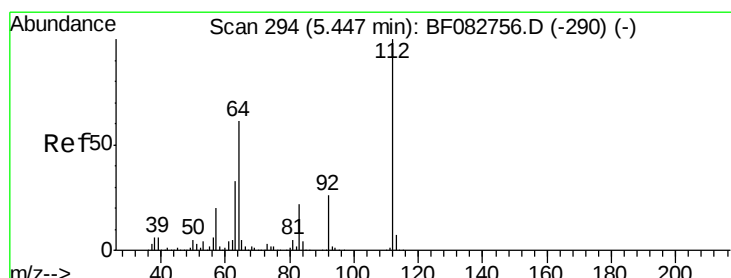
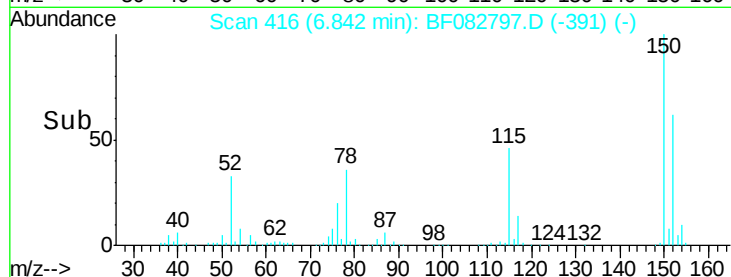
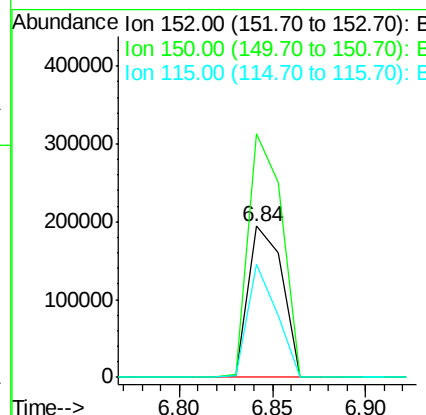
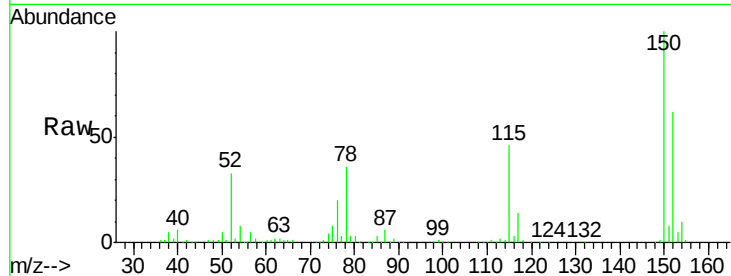
ClientSampleId :

T-14L

Tot Ion	Ratio	Resp	Lower	Upper
152	100	245163		
150	160.9	127.0	190.4	
115	74.3	47.0	70.6	

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#5

2-Fluorophenol

Concen: 84.02 ng

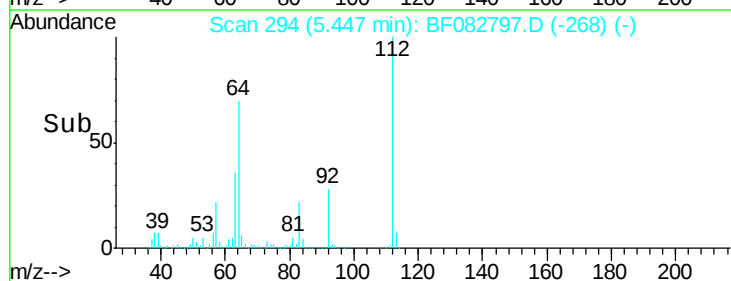
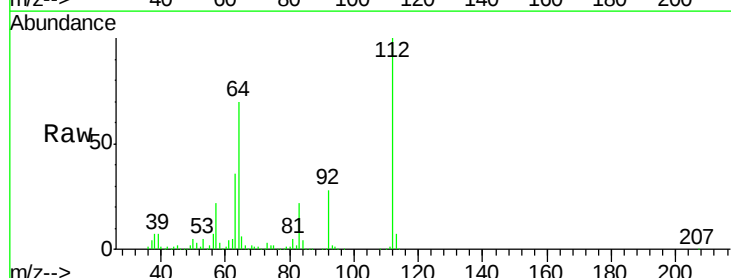
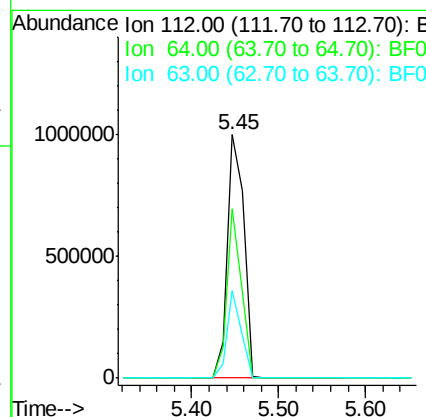
RT: 5.45 min Scan# 294

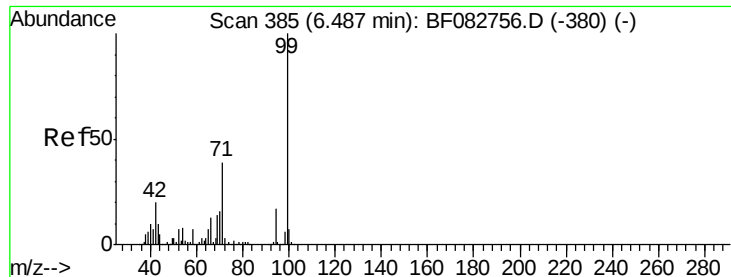
Delta R.T. 0.00 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1323876		
64	69.8	48.9	73.3	
63	36.1	28.1	42.1	





#7

Phenol-d6

Concen: 80.43 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

T-14L

Tot Ion: 99 Resp: 1684744

Ion Ratio Lower Upper

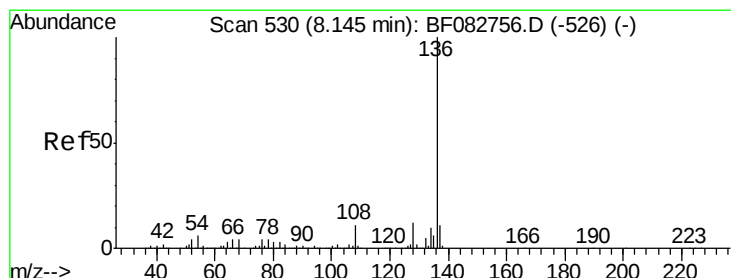
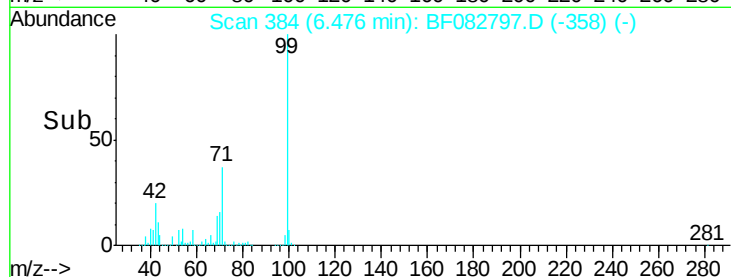
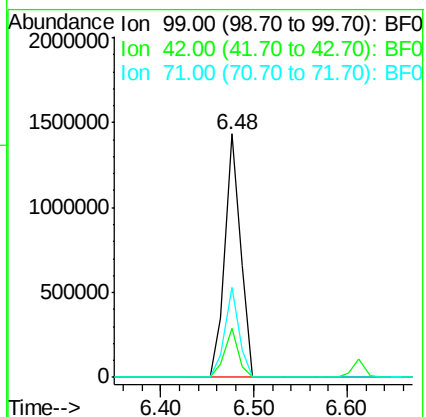
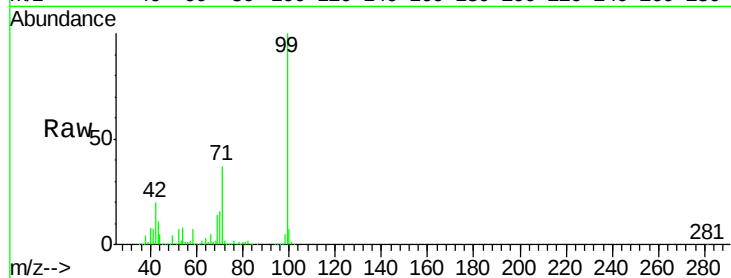
99 100

42 20.2 19.2 28.8

71 37.0 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Tgt Ion: 136 Resp: 1011692

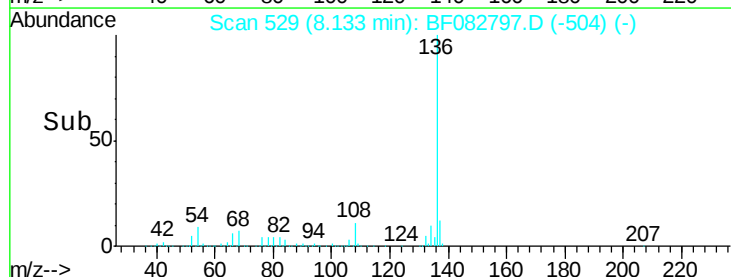
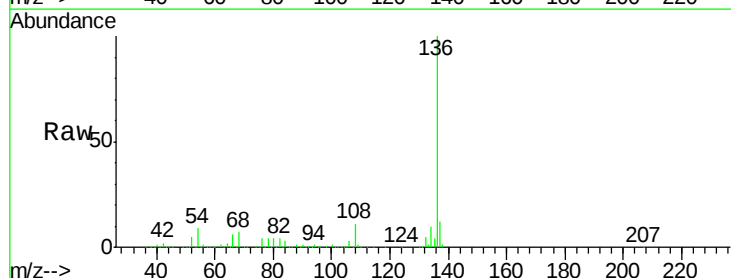
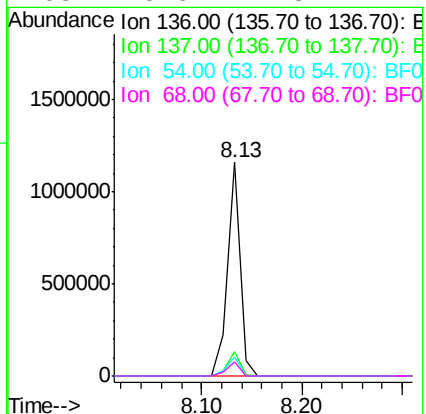
Ion Ratio Lower Upper

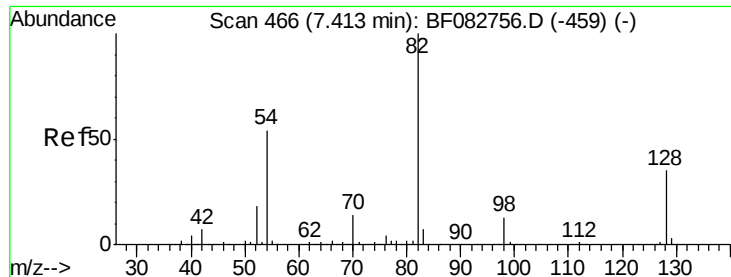
136 100

137 11.6 9.1 13.7

54 9.0 9.1 13.7#

68 6.6 4.8 7.2





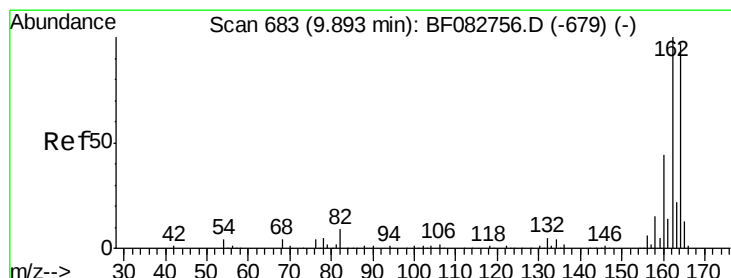
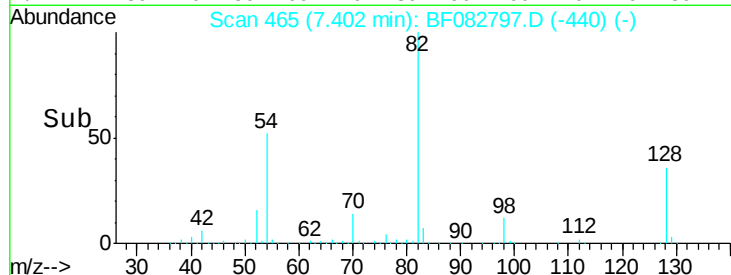
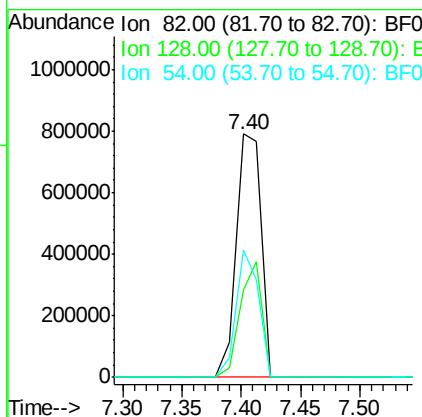
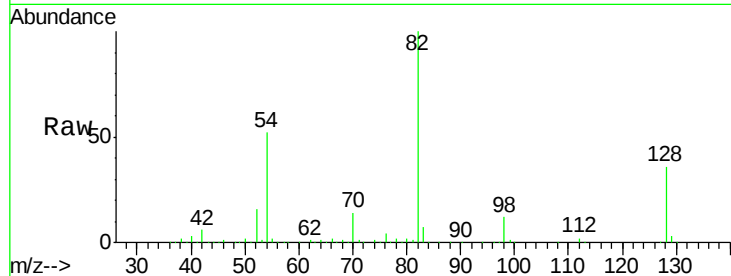
#23
 Nitrobenzene-d5
 Concen: 49.46 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082797.D
 Acq: 7 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14L

Tot Ion: 82 Resp: 1149984
 Ion Ratio Lower Upper
 82 100
 128 36.0 26.8 40.2
 54 52.2 45.7 68.5

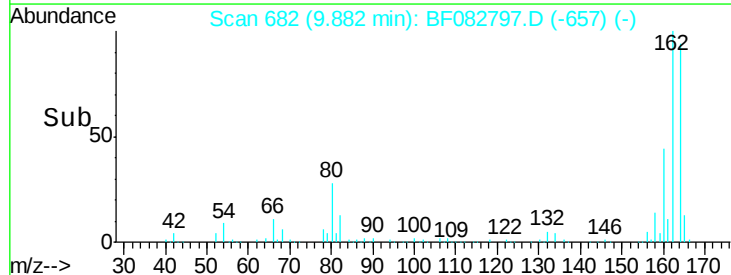
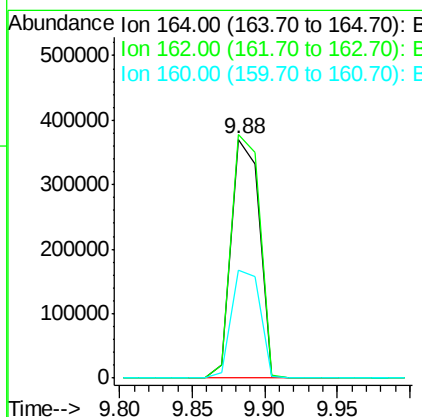
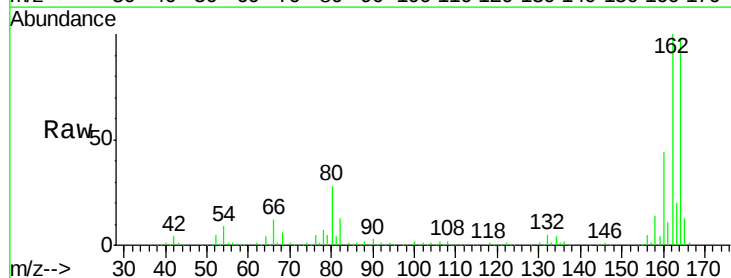
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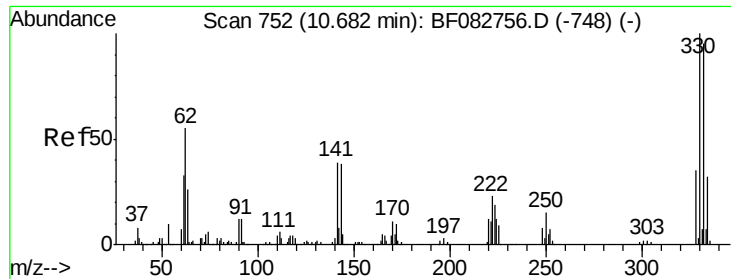
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082797.D
 Acq: 7 Nov 2015 8:38

Tgt Ion: 164 Resp: 497717
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.9 127.3
 160 45.1 37.5 56.3





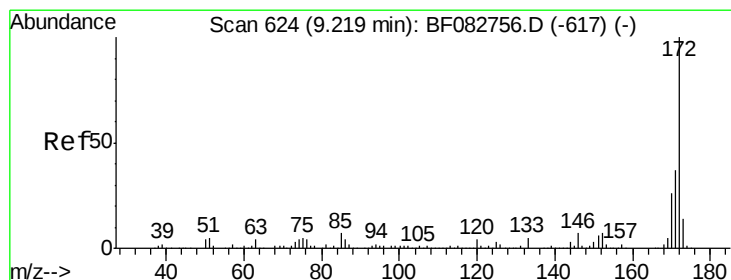
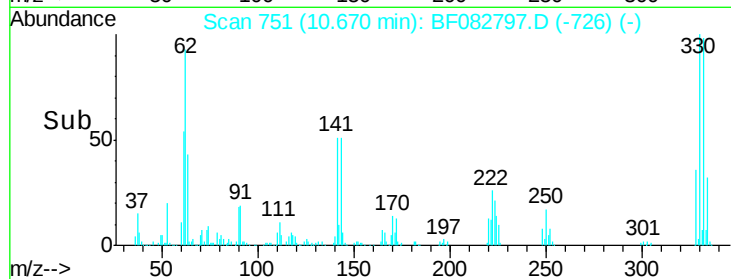
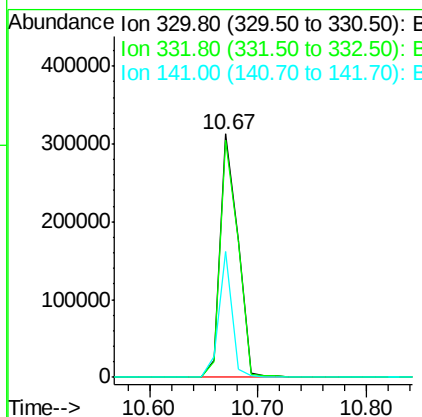
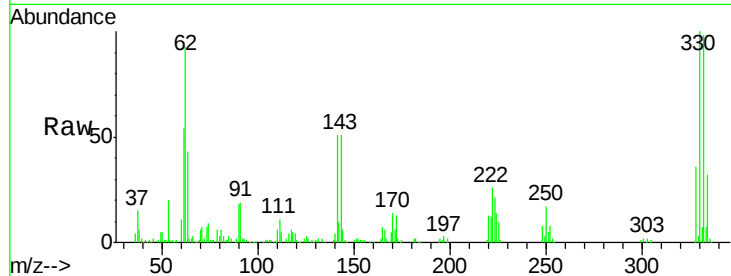
#41
 2,4,6-Tribromophenol
 Concen: 62.85 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082797.D
 Acq: 7 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14L

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	76.6	114.8	
141	38.7	41.2	61.8#	

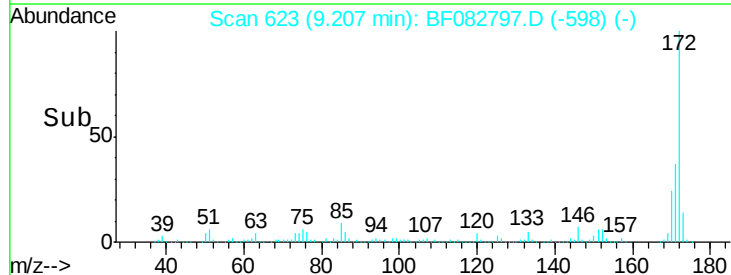
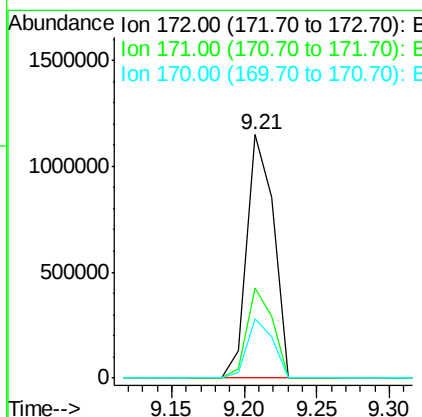
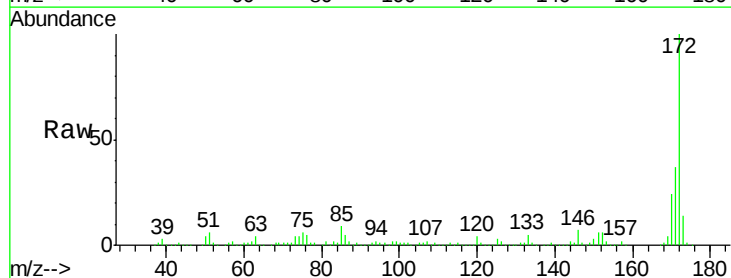
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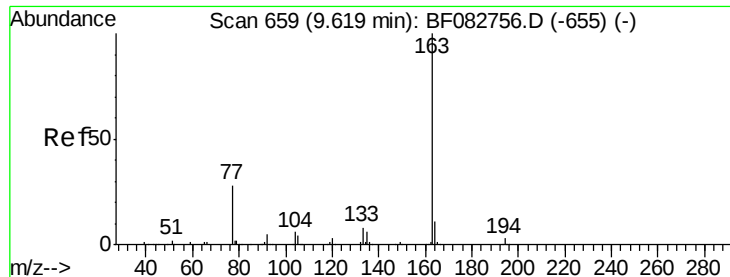
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#44
 2-Fluorobiphenyl
 Concen: 42.23 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082797.D
 Acq: 7 Nov 2015 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	30.8	46.2	
170	24.4	21.2	31.8	





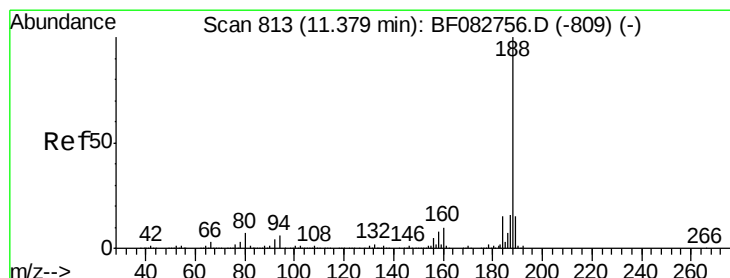
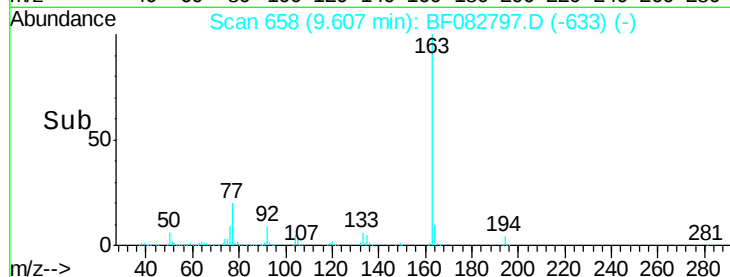
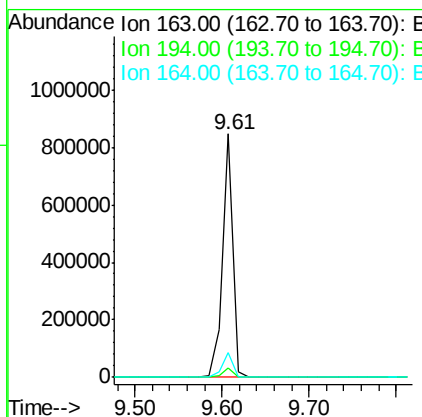
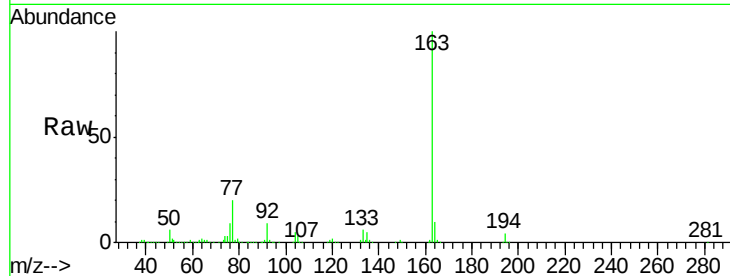
#49
Dimethylphthalate
Concen: 17.59 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tot Ion	Ratio	Resp	Lower	Upper
163	100	717185		
194	3.7	2.6	4.0	
164	10.1	8.7	13.1	

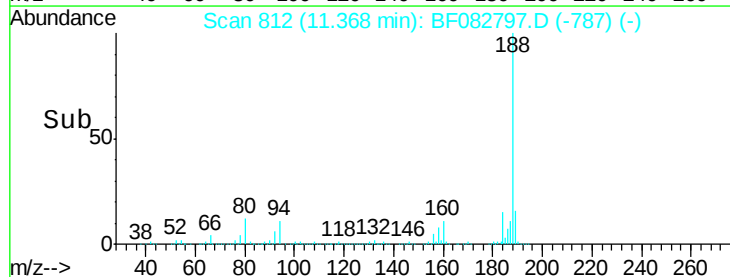
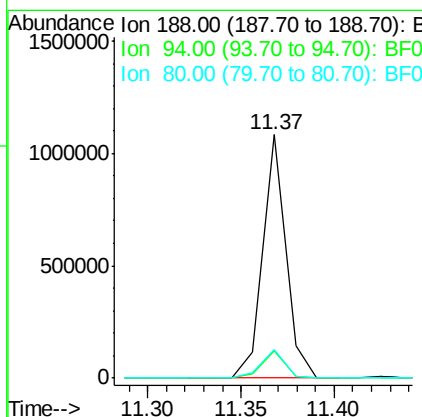
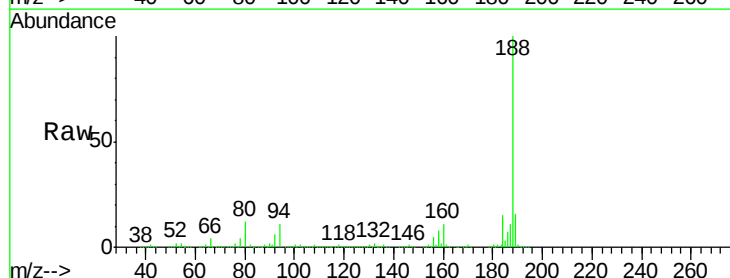
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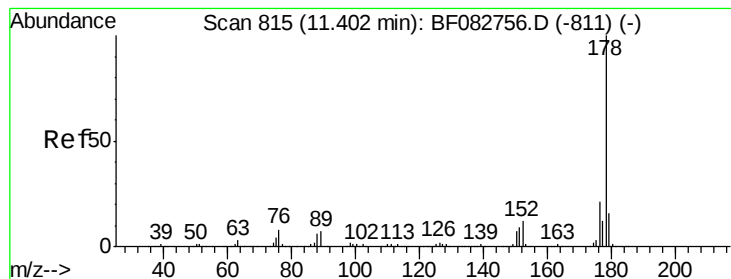
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	924680		
94	11.3	6.1	9.1#	
80	12.0	7.0	10.6#	





#70

Phenanthrene

Concen: 9.82 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

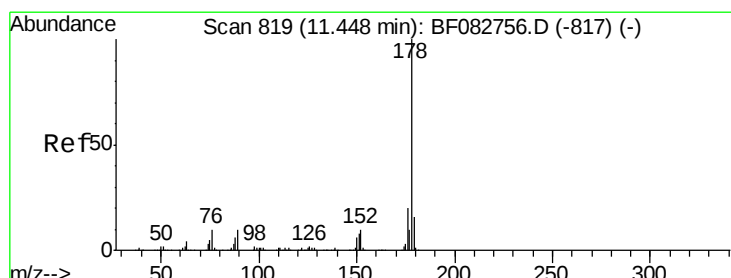
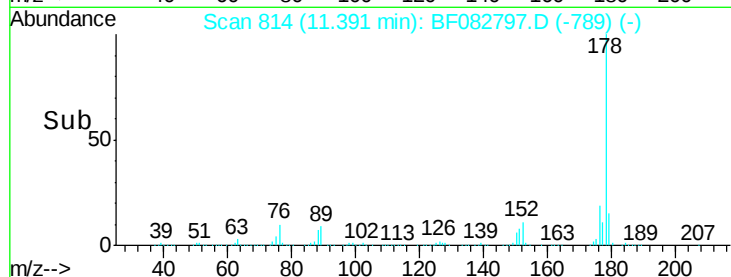
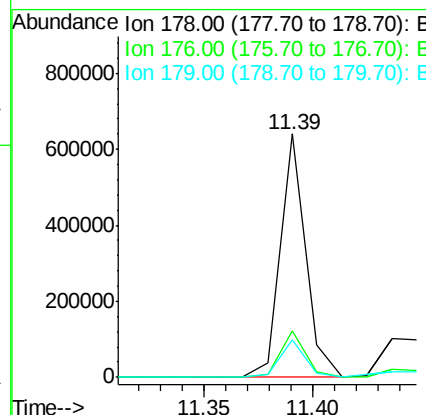
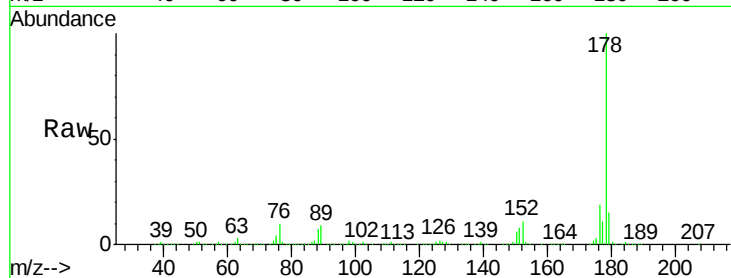
ClientSampleId :

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Tot Ion:178	Resp:	527099
Ion Ratio	Lower	Upper
178	100	
176	19.2	17.0 25.4
179	15.4	13.4 20.0

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#71

Anthracene

Concen: 2.66 ng

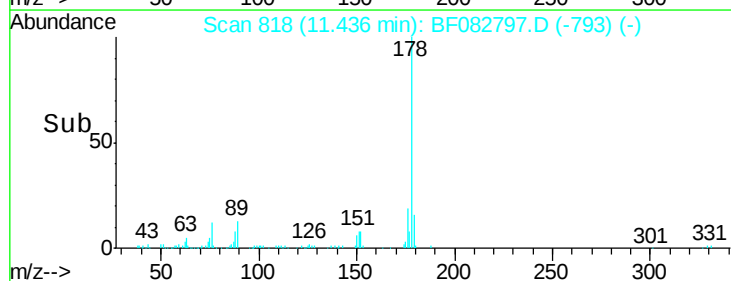
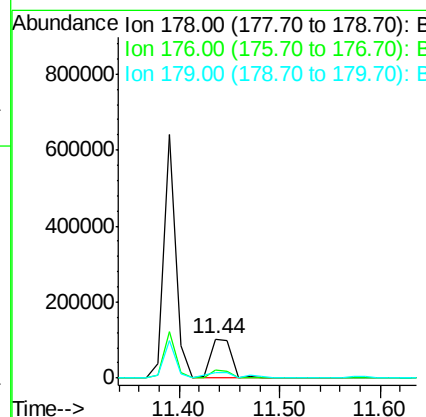
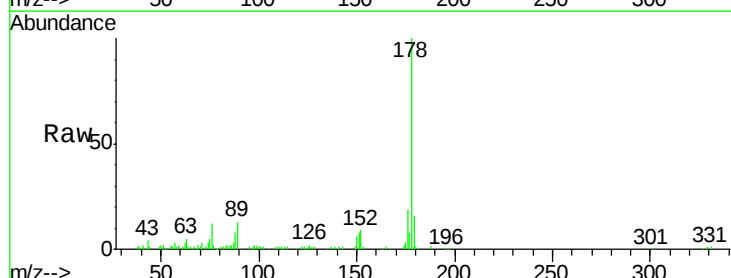
RT: 11.44 min Scan# 818

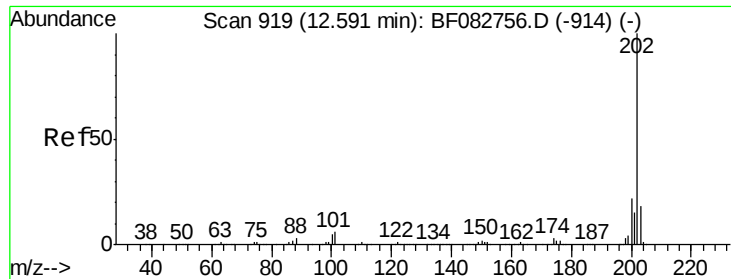
Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Tgt Ion:178	Resp:	150296
Ion Ratio	Lower	Upper
178	100	
176	19.1	16.5 24.7
179	15.7	13.2 19.8





#74

Fluoranthene

Concen: 10.76 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

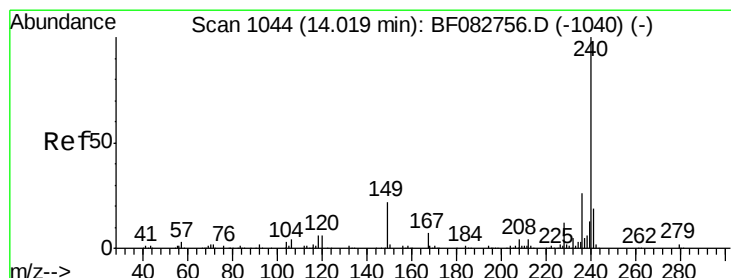
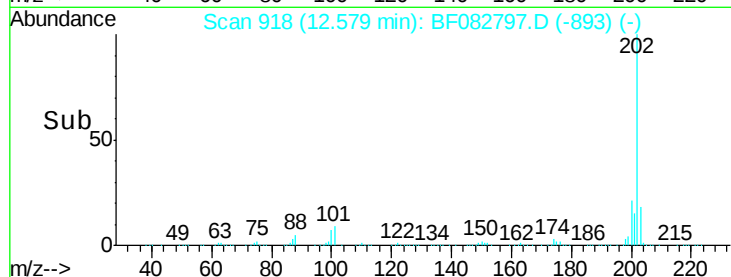
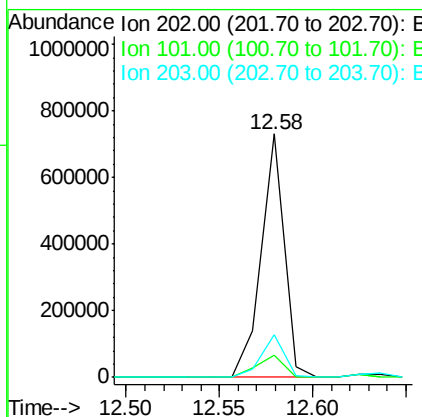
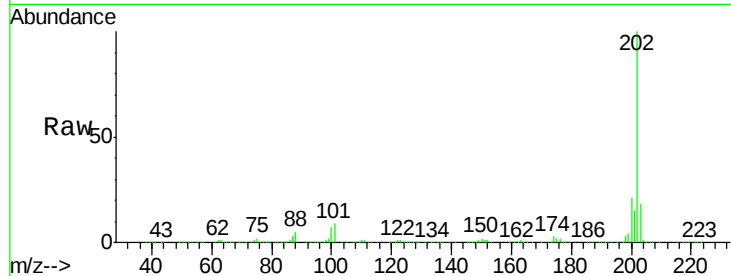
ClientSampleId :

T-14L

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		619970		
101	9.3	0.0	30.5		
203	17.6	0.0	38.5		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

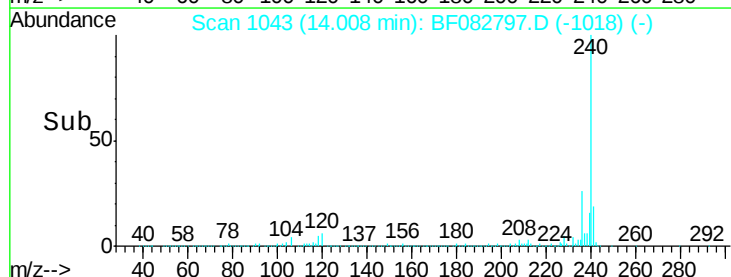
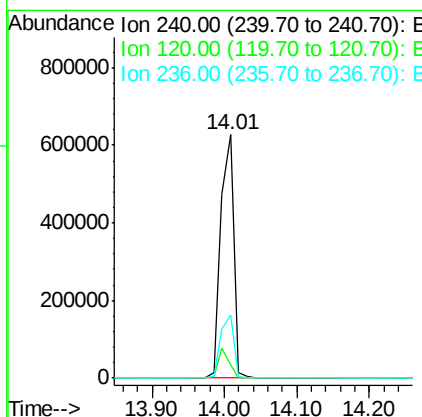
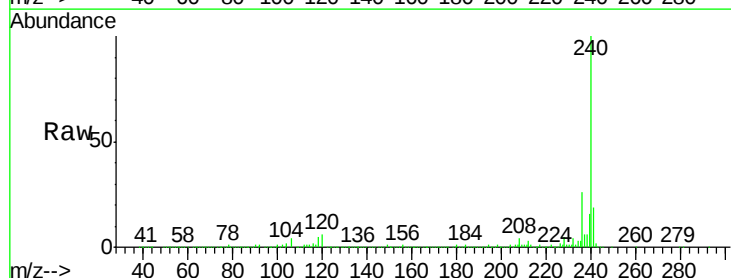
RT: 14.01 min Scan# 1043

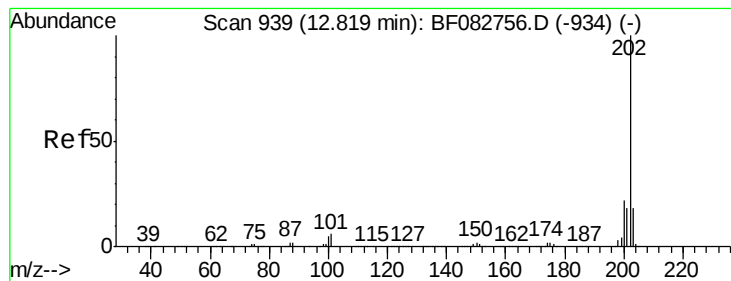
Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		784725		
120	5.7	10.9	16.3#		
236	25.9	21.6	32.4		





#77

Pvrene

Concen: 10.29 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

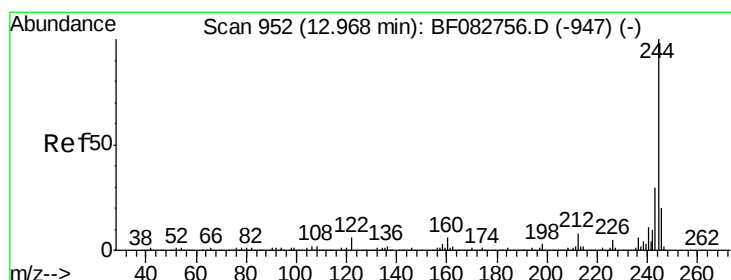
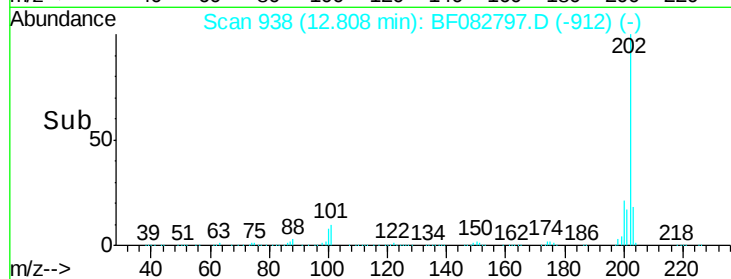
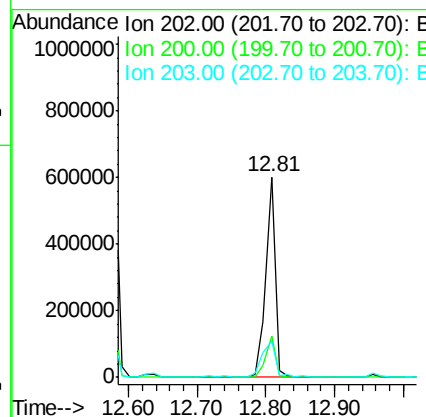
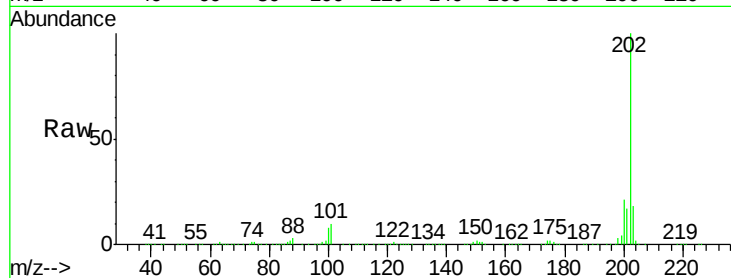
ClientSampled :

T-14L

Tot Ion:	202	Resp:	554757
Ion Ratio	Lower	Upper	
202	100		
200	20.7	18.7	28.1
203	17.9	14.8	22.2

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#78

Terphenyl-d14

Concen: 38.16 ng

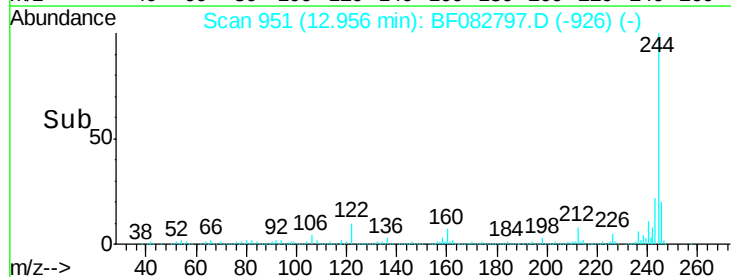
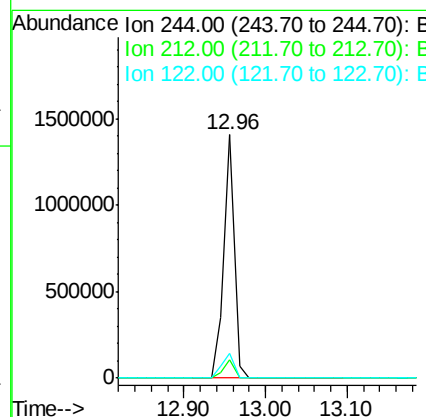
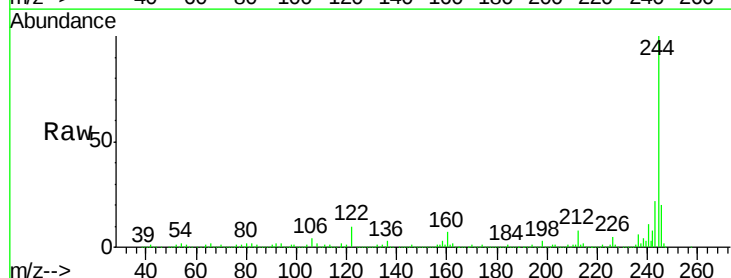
RT: 12.96 min Scan# 951

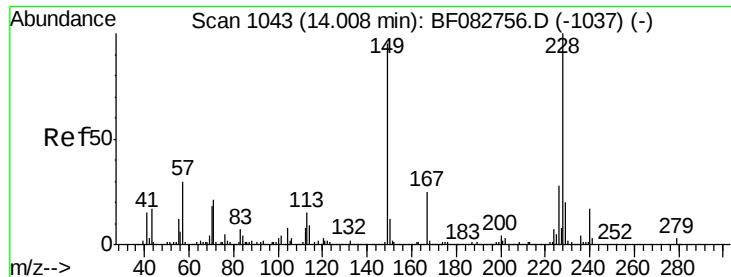
Delta R.T. -0.01 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Tgt Ion:	244	Resp:	1262506
Ion Ratio	Lower	Upper	
244	100		
212	7.7	7.6	11.4
122	10.2	11.3	16.9#





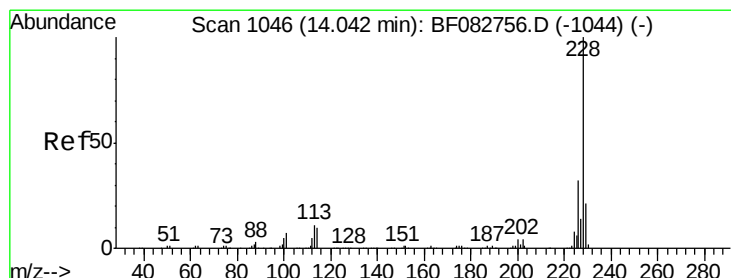
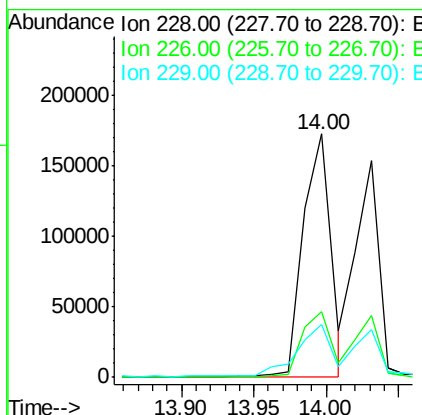
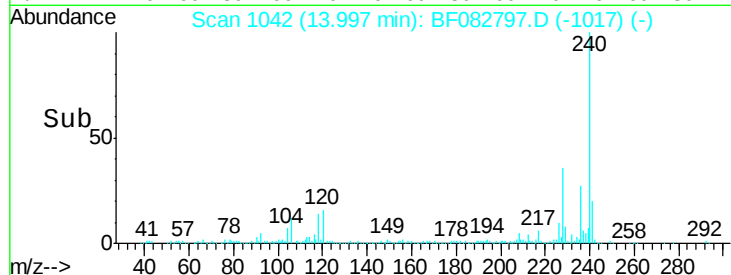
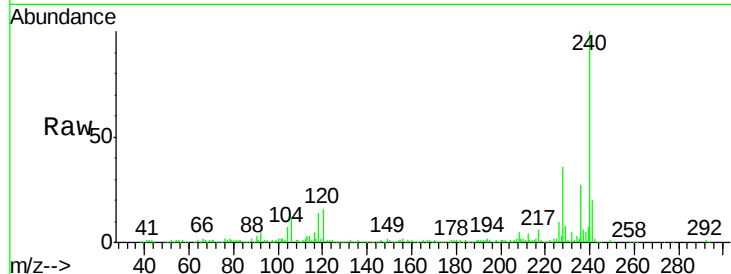
#80
Benzo(a)anthracene
Concen: 4.63 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tot Ion:	228	Resp:	227157
Ion Ratio	Lower	Upper	
228	100		
226	26.9	23.4	35.2
229	21.5	16.3	24.5

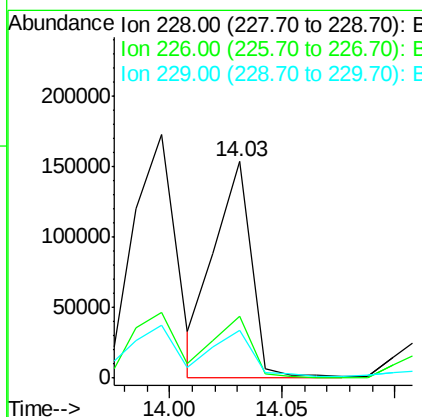
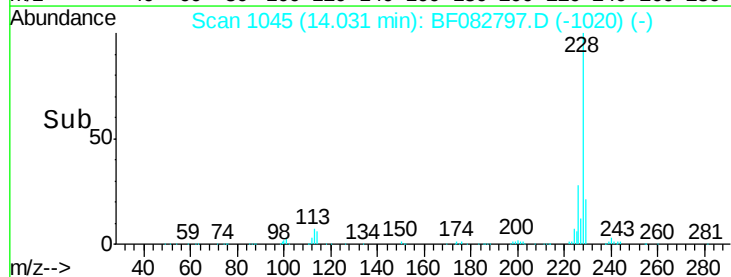
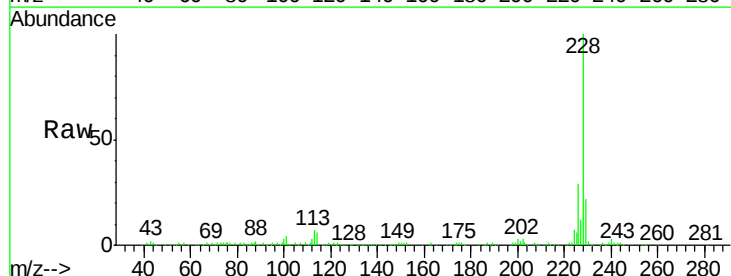
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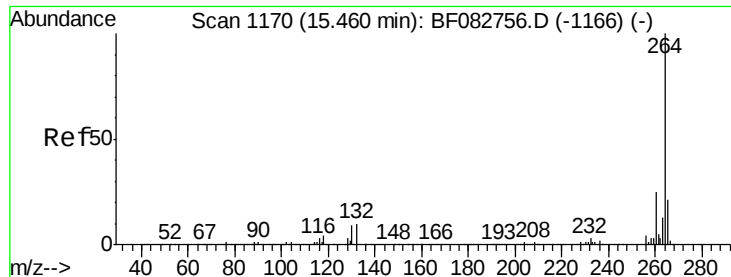
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#82
Chrysene
Concen: 3.86 ng m
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:	228	Resp:	173650
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.5	38.3
229	22.0	16.3	24.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082797.D

Acq: 7 Nov 2015 8:38

Instrument :

BNA_F

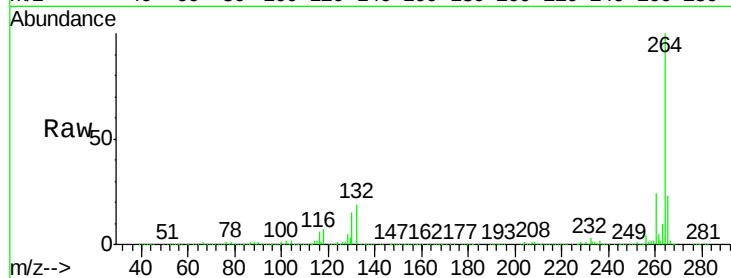
ClientSampled :

T-14L

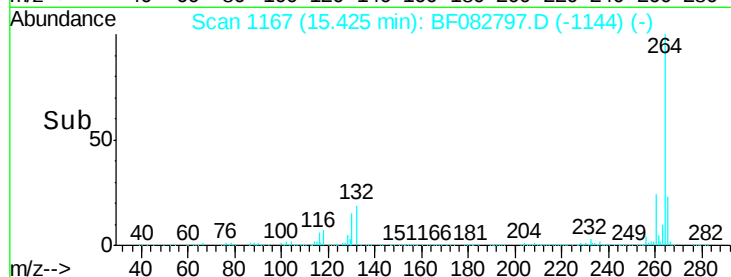
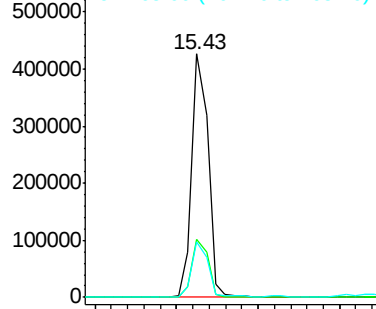
Tot Ion:	264	Resp:	597502
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.6
265	22.6	17.4	26.0

Manual Integrations
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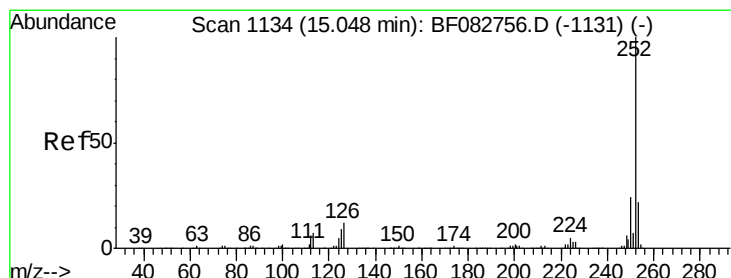
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 4.44 ng m

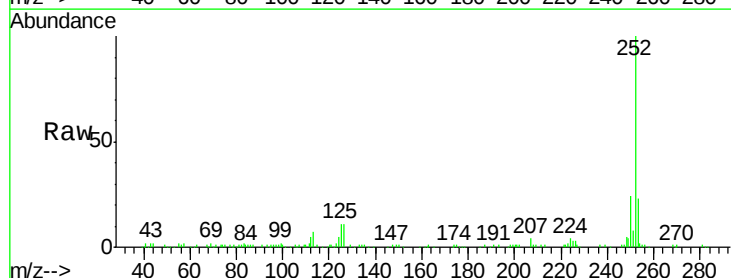
RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

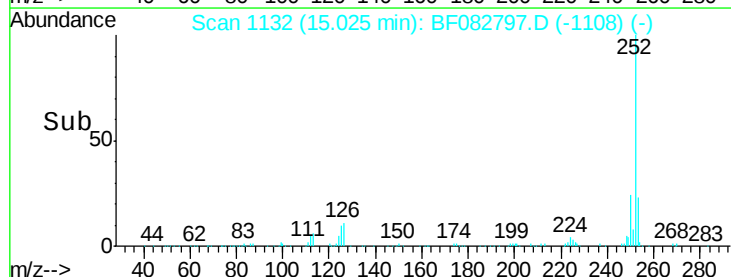
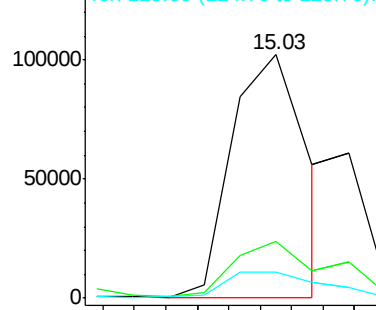
Lab File: BF082797.D

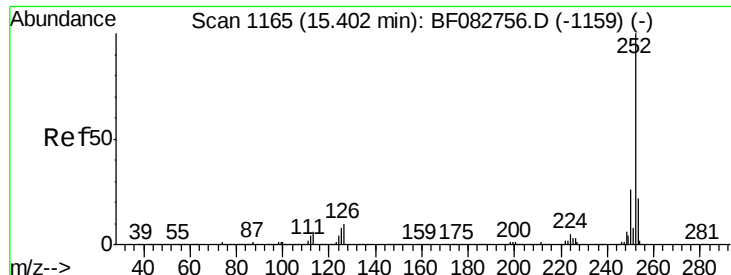
Acq: 7 Nov 2015 8:38

Tgt Ion:	252	Resp:	170113
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	10.9	5.4	8.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 3.37 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.3	25.9
125	9.9	7.1	10.7

Manual Integrations
APPROVED

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