

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080261.D
 Acq On : 1 Jul 2015 6:55
 Operator : TP/IZ
 Sample : G2838-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Manual Integrations
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Quant Time: Jul 01 07:57:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	37126	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	148233	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	74874	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	156031	20.00	ng	-0.05
75) Chrysene-d12	14.97	240	160631	20.00	ng	-0.02
86) Perylene-d12	16.95	264	158696	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	320315	152.73	ng	-0.03
7) Phenol-d6	6.89	99	430486	154.25	ng	-0.03
23) Nitrobenzene-d5	7.84	82	253476	99.55	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	101916	139.20	ng	-0.03
44) 2-Fluorobiphenyl	9.66	172	453151	86.31	ng	-0.03
78) Terphenyl-d14	13.63	244	508067	73.87	ng	-0.05
Target Compounds						
49) Dimethylphthalate	10.04	163	70185	12.47	ng	Qvalue # 97
74) Fluoranthene	13.19	202	46828	4.65	ng	89
77) Pyrene	13.47	202	43123	4.36	ng	96
80) Benzo(a)anthracene	14.96	228	28175m	2.88	ng	
82) Chrysene	15.01	228	26704	2.96	ng	95
87) Benzo(b)fluoranthene	16.41	252	37641m	3.92	ng	
89) Benzo(a)pyrene	16.87	252	26364	2.89	ng	# 88

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

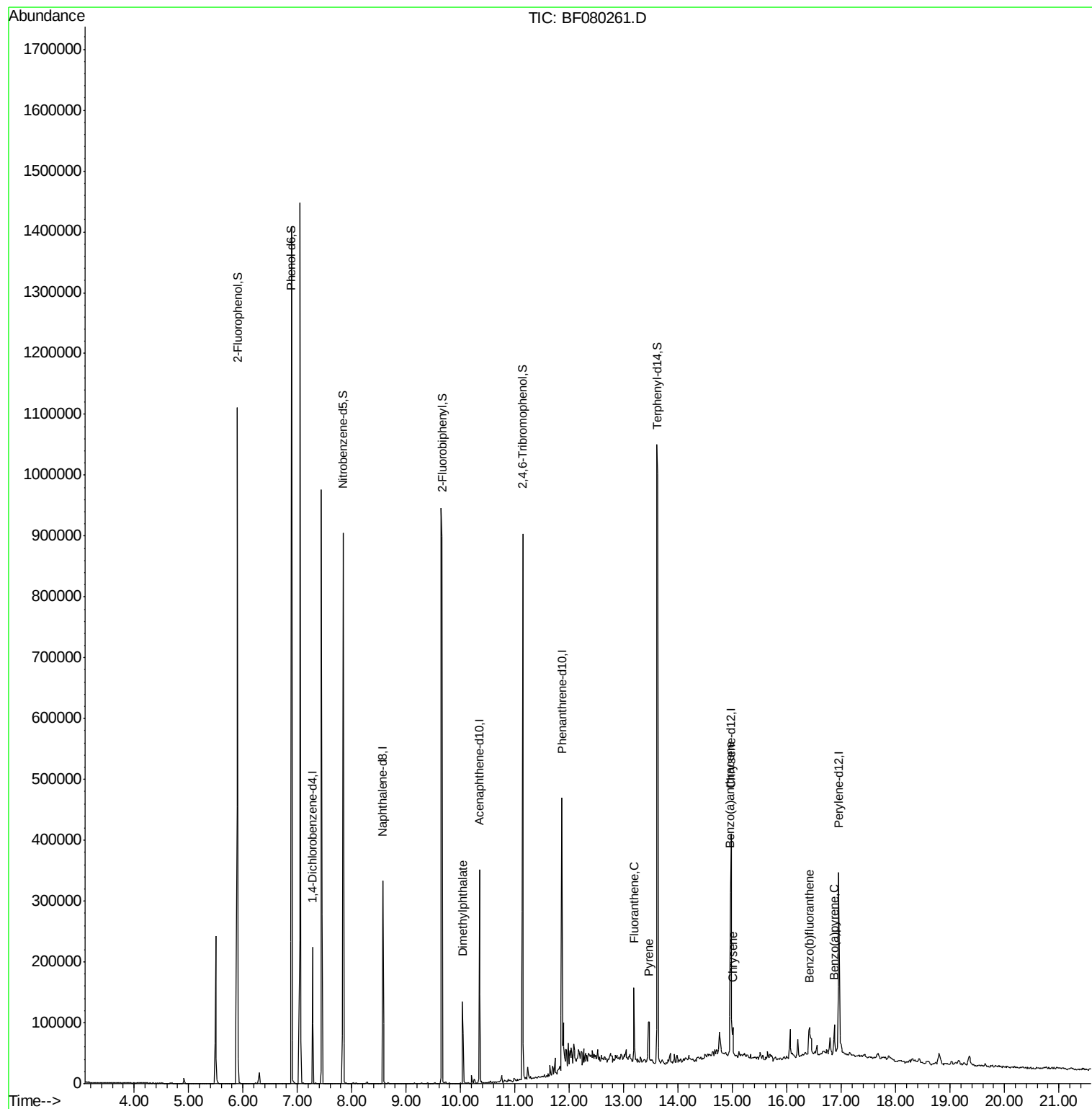
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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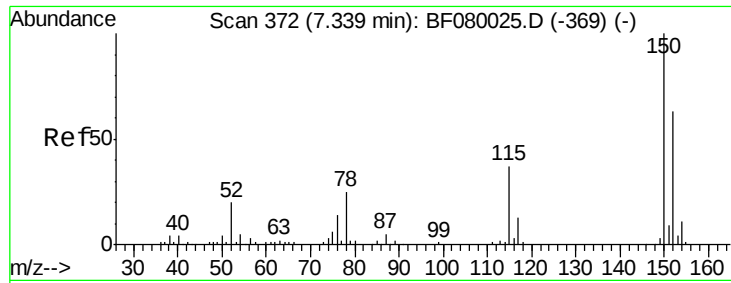
Instrument :
BNA_F
ClientSampleId :
TEC-B14

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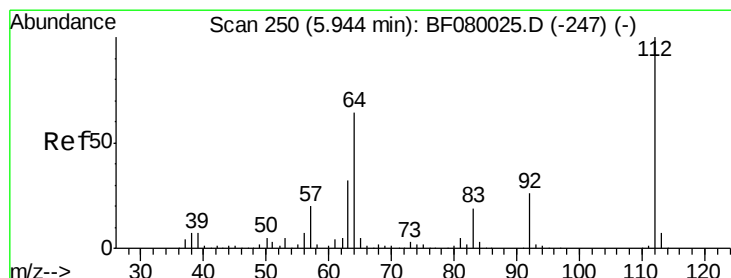
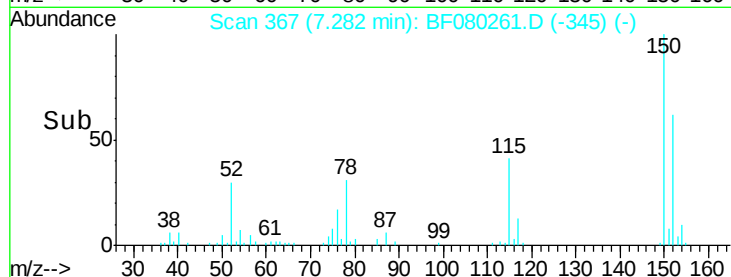
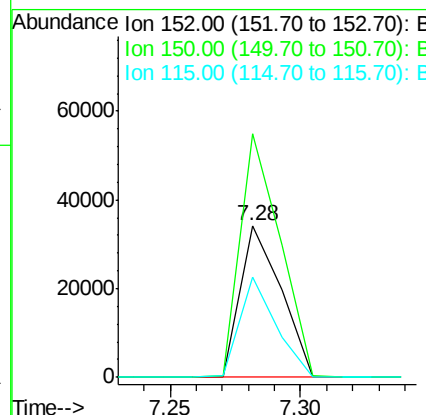
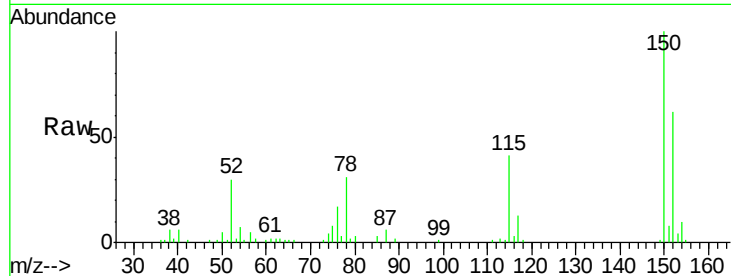
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.7	187.1
115	66.3	39.0	58.4

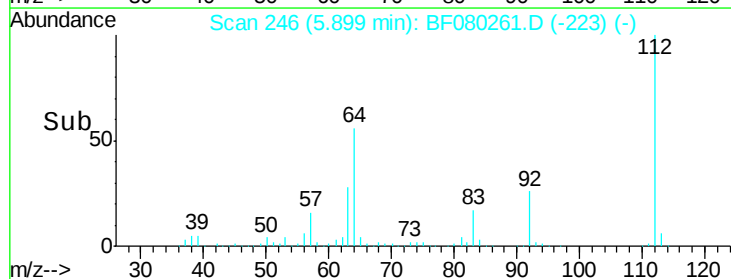
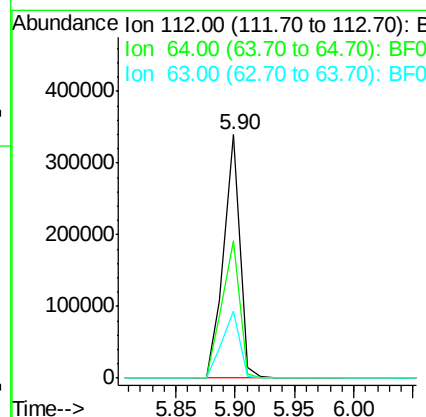
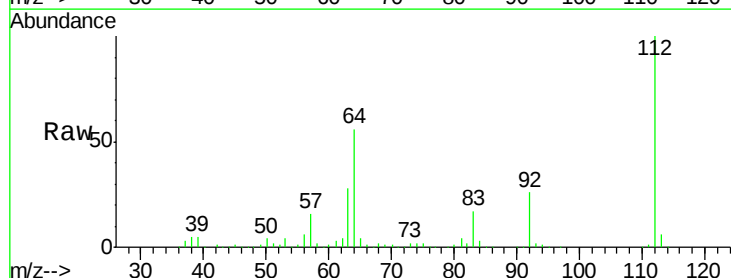
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#5
 2-Fluorophenol
 Concen: 152.73 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	39.7	59.5
63	27.8	17.4	26.0





#7

Phenol-d6

Concen: 154.25 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080261.D

Acq: 1 Jul 2015 6:55

Instrument :

BNA_F

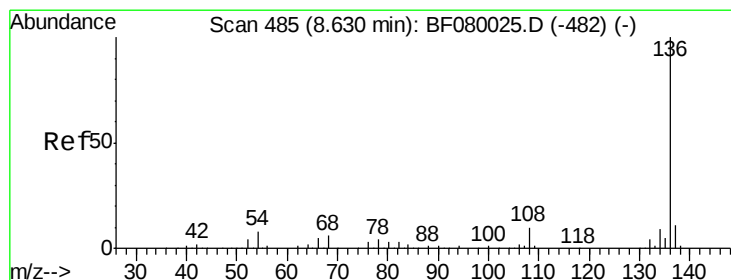
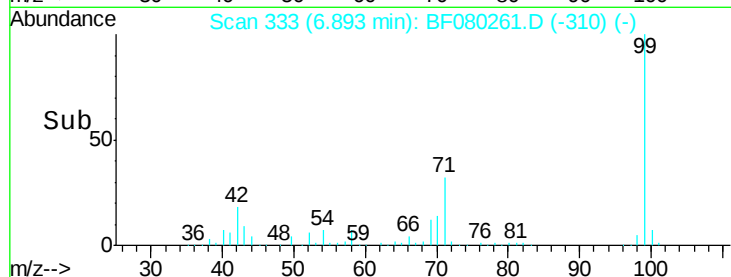
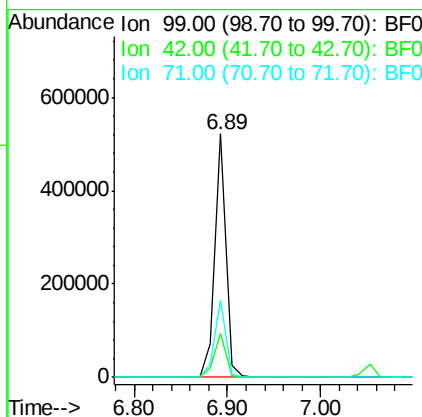
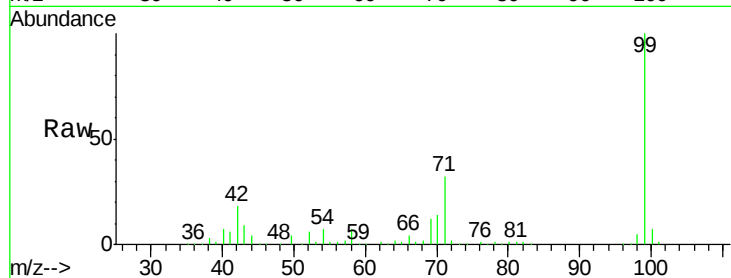
ClientSampleId :

TEC-B14

Tgt Ion:	99	Resp:	430486
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.7	20.5
71	31.8	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

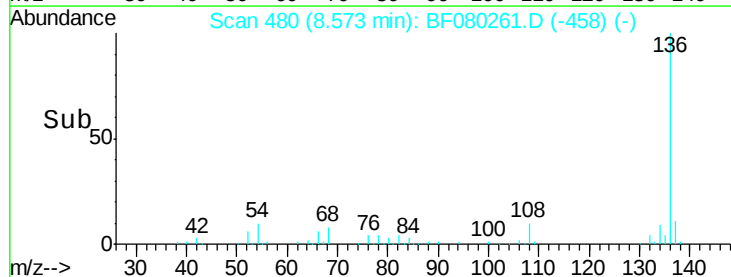
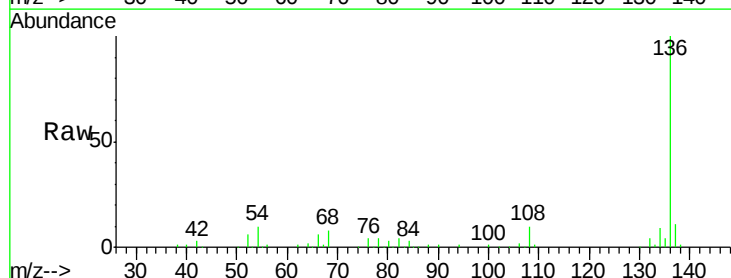
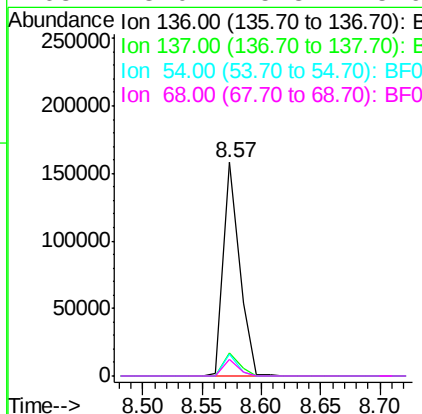
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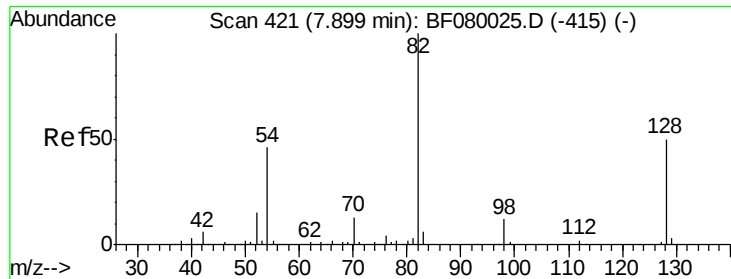
Delta R.T. -0.05 min

Lab File: BF080261.D

Acq: 1 Jul 2015 6:55

Tgt Ion:	136	Resp:	148233
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.3	8.2	12.2
68	8.0	5.8	8.6





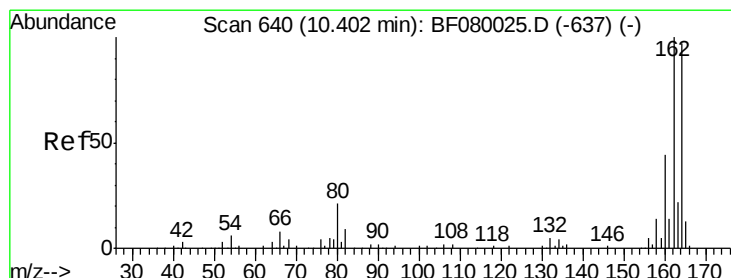
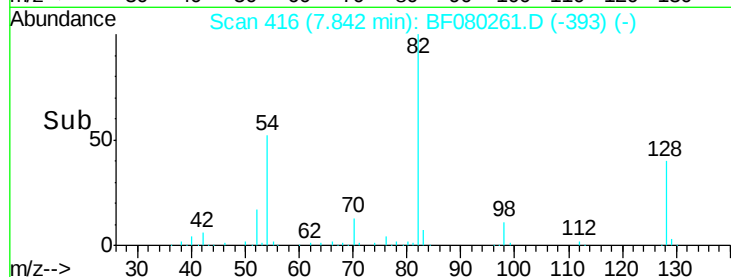
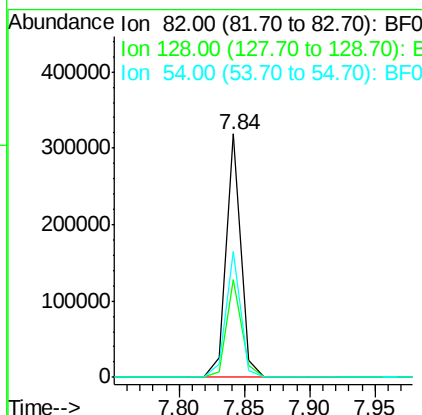
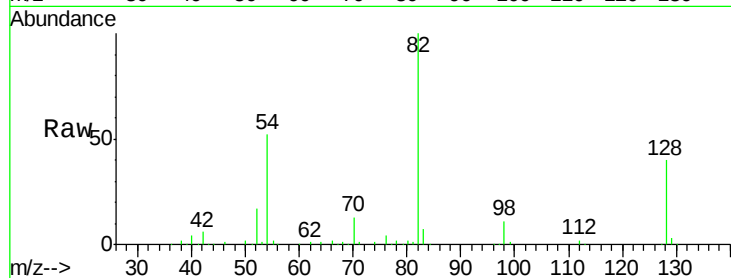
#23
 Nitrobenzene-d5
 Concen: 99.55 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion: 82 Resp: 253476
 Ion Ratio Lower Upper
 82 100
 128 40.3 51.0 76.6#
 54 51.8 47.5 71.3

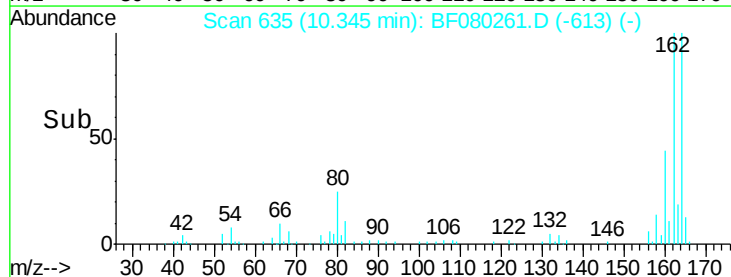
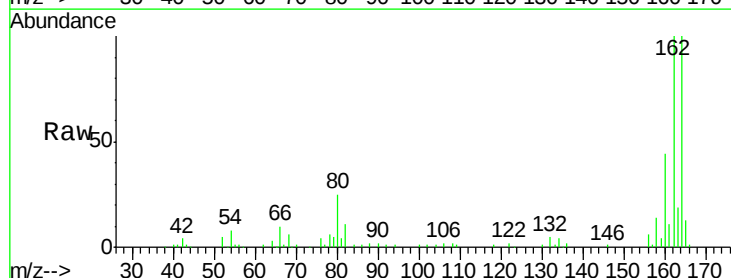
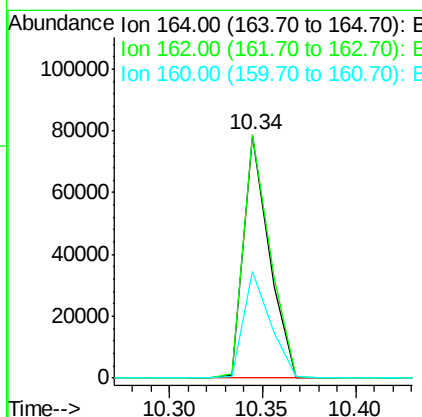
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Tgt Ion: 164 Resp: 74874
 Ion Ratio Lower Upper
 164 100
 162 100.2 75.2 112.8
 160 44.0 31.5 47.3





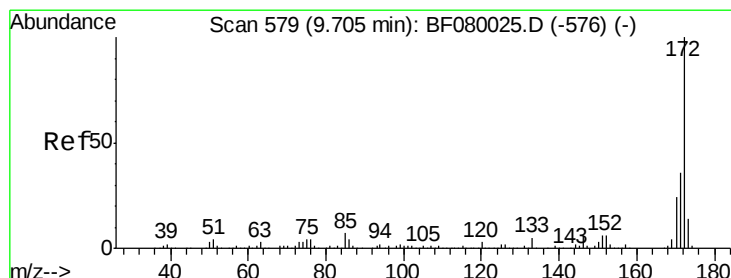
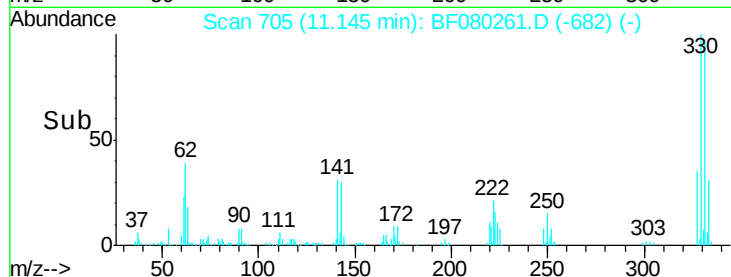
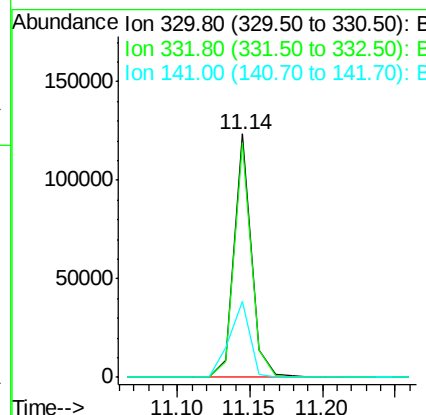
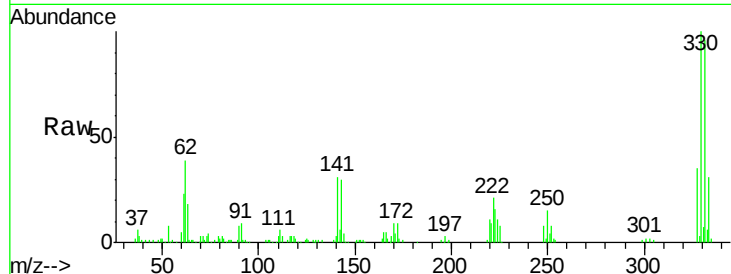
#41
 2,4,6-Tribromophenol
 Concen: 139.20 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	101916		
332	96.1	76.6	114.8	
141	37.4	29.7	44.5	

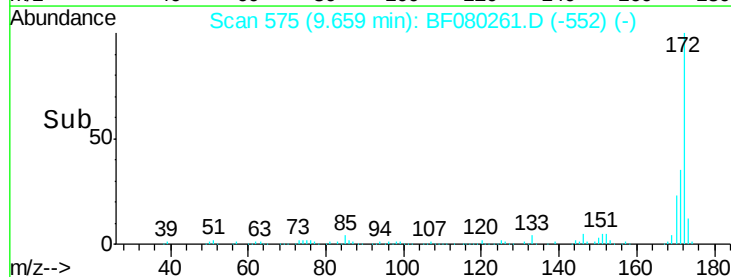
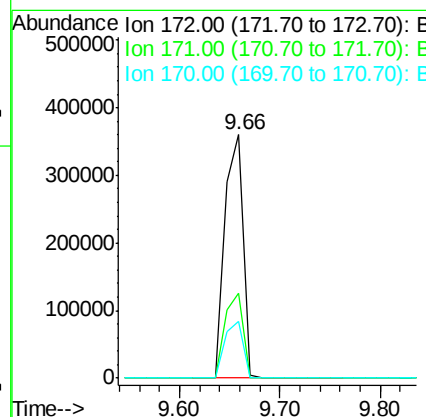
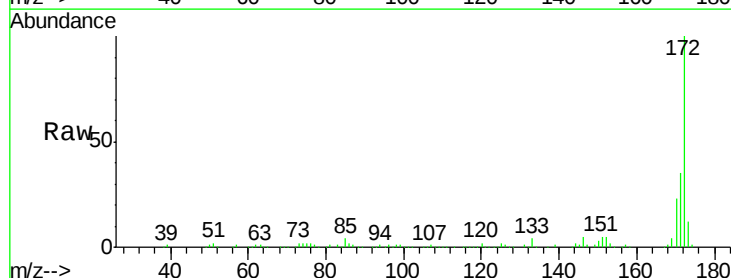
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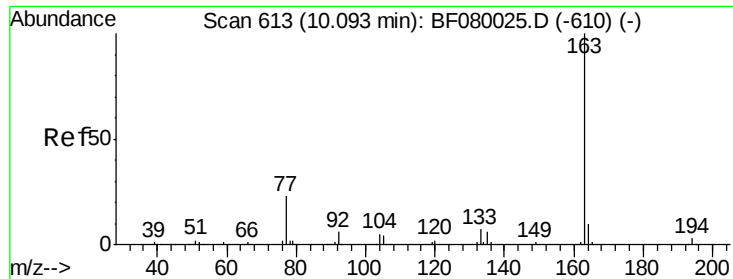
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#44
 2-Fluorobiphenyl
 Concen: 86.31 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	453151		
171	35.1	26.1	39.1	
170	23.4	17.4	26.2	





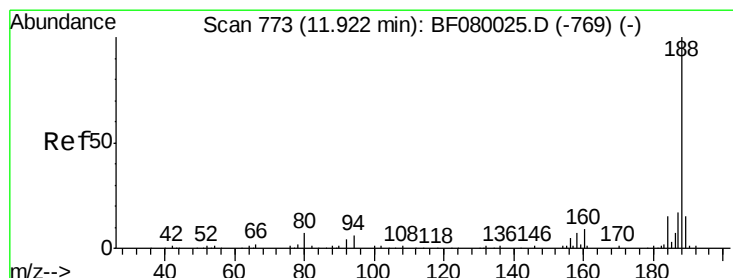
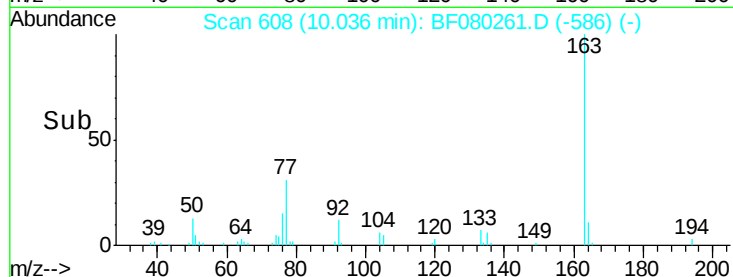
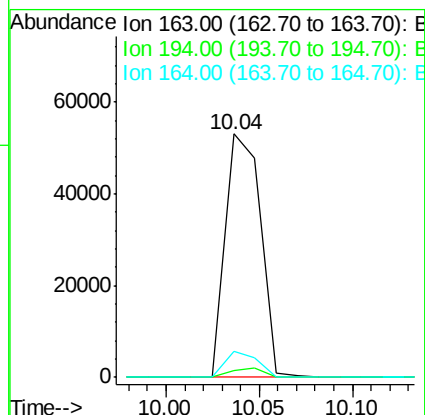
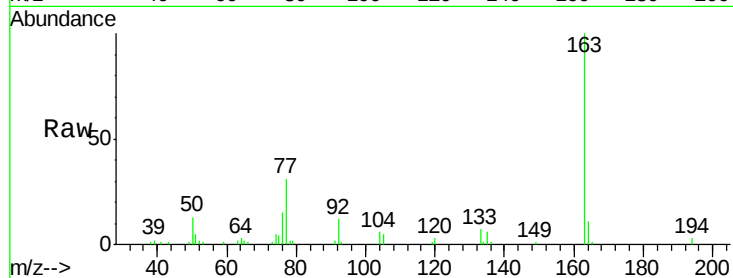
#49
Dimethylphthalate
Concen: 12.47 ng
RT: 10.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF080261.D
Acq: 1 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	4.4	6.6#
164	10.9	8.3	12.5

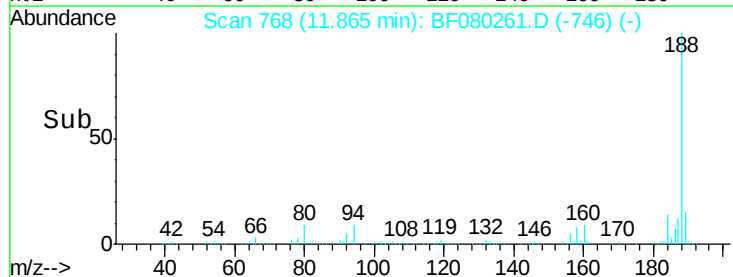
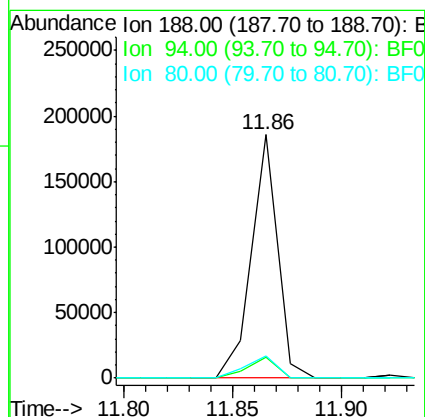
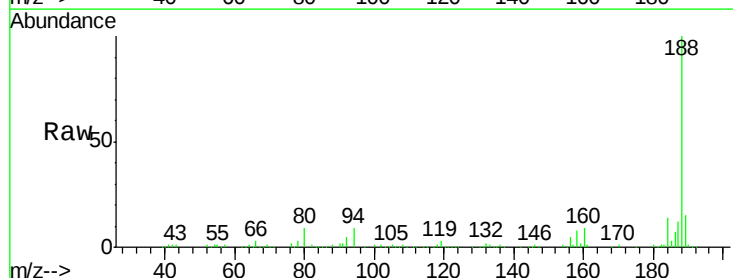
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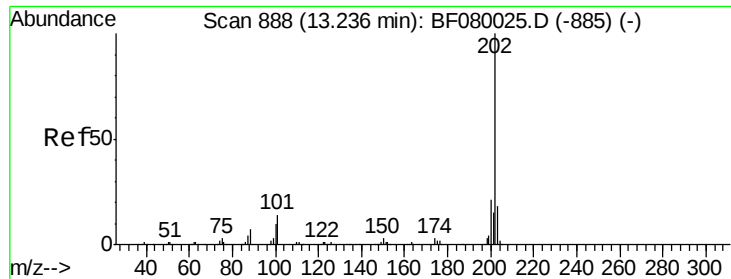
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080261.D
Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	11.1	16.7#
80	9.3	11.0	16.4#





#74

Fluoranthene

Concen: 4.65 ng

RT: 13.19 min Scan# 884

Delta R.T. -0.06 min

Lab File: BF080261.D

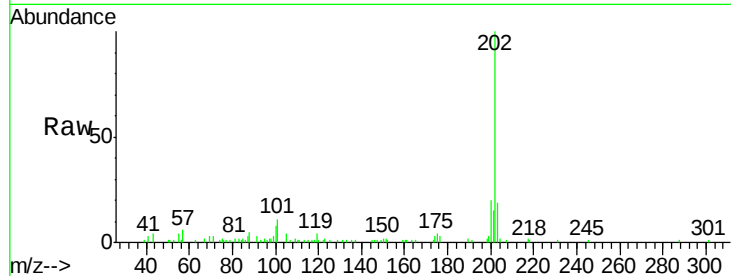
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Instrument :

BNA_F

ClientSampleId :

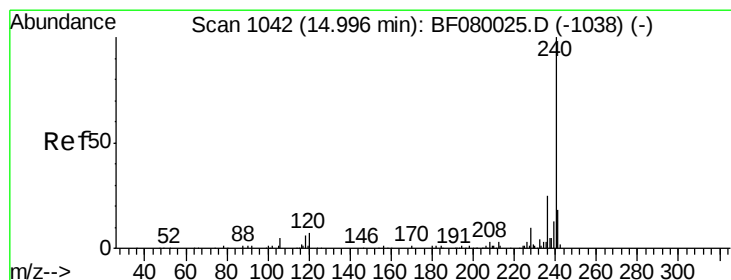
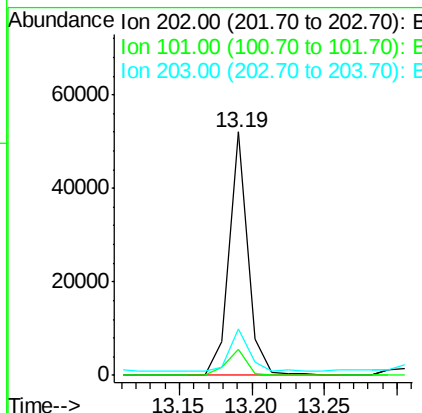
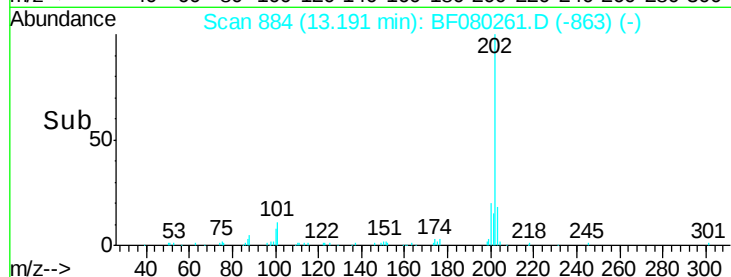
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46828		
101	10.7	0.0	38.3	
203	19.2	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

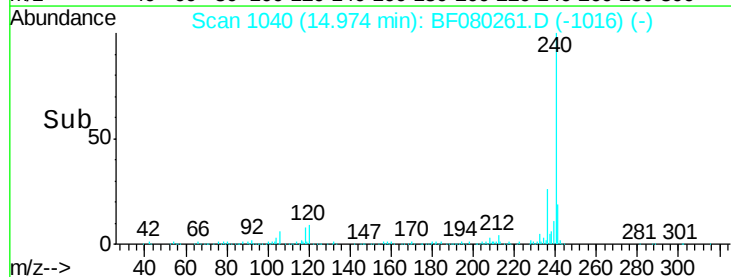
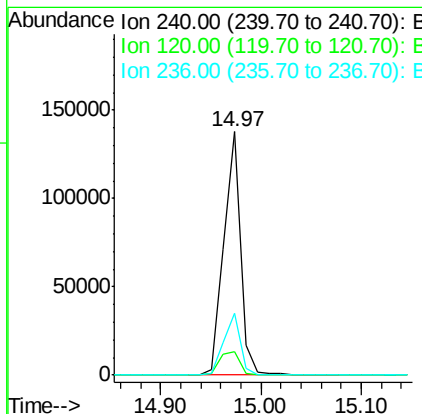
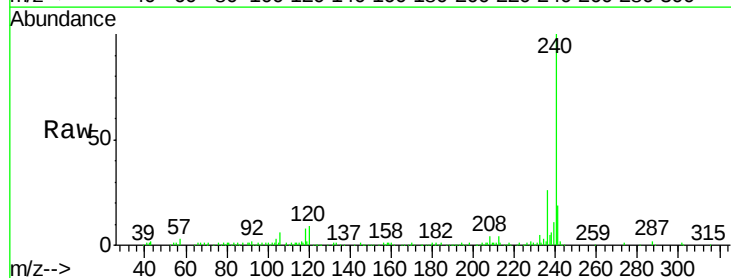
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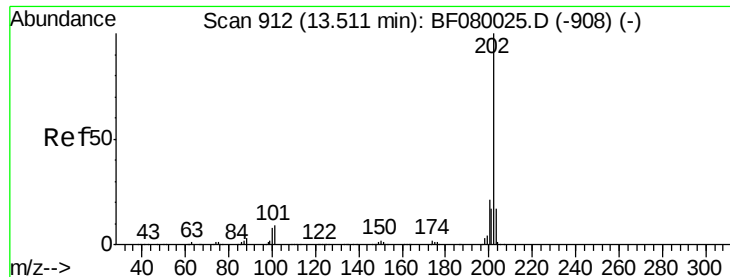
Delta R.T. -0.02 min

Lab File: BF080261.D

Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	160631		
120	9.5	16.2	24.2#	
236	25.5	18.4	27.6	





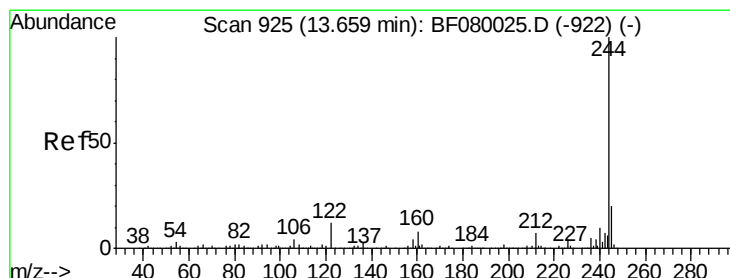
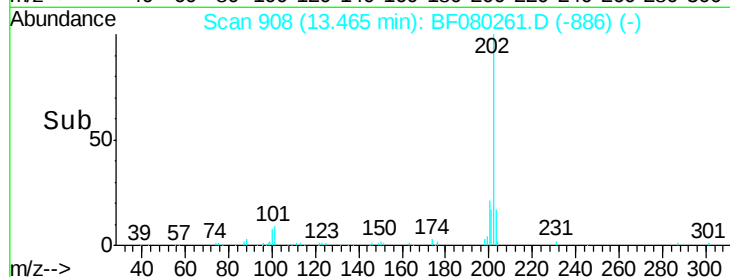
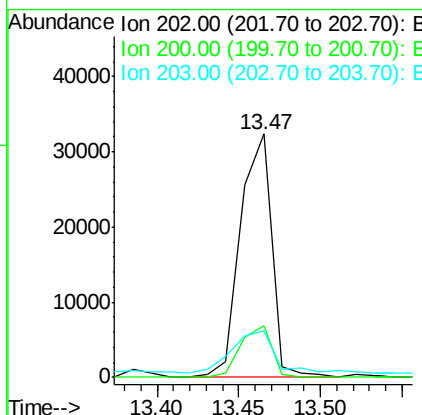
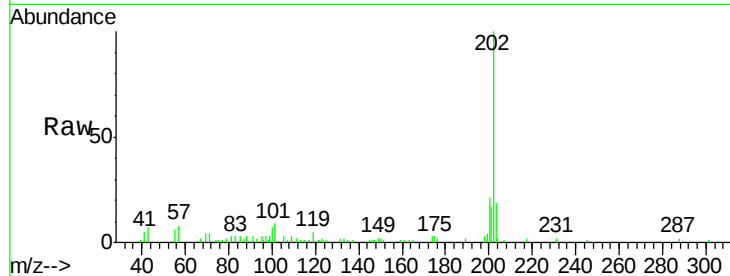
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 Pyrene
 Concen: 4.36 ng
 RT: 13.47 min Scan# 908
 Delta R.T. -0.05 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	15.0	22.4
203	19.0	14.1	21.1

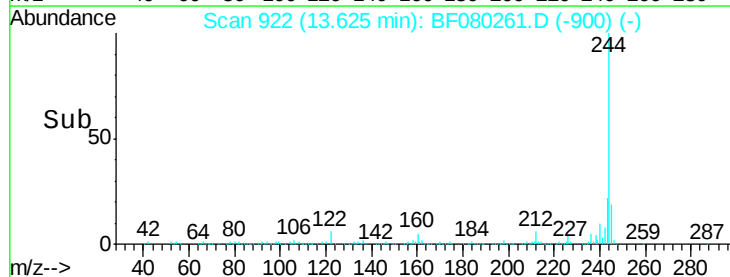
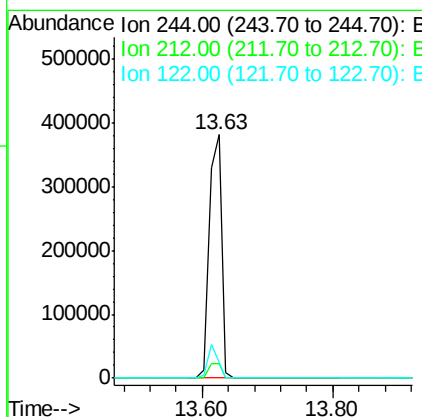
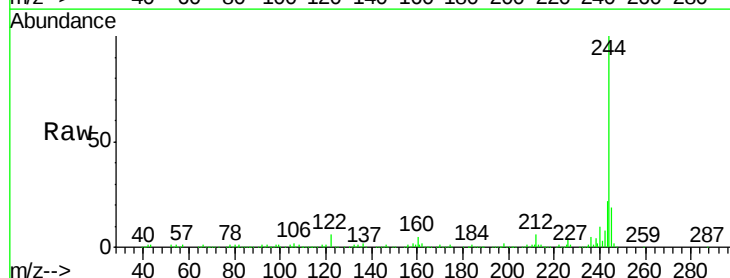
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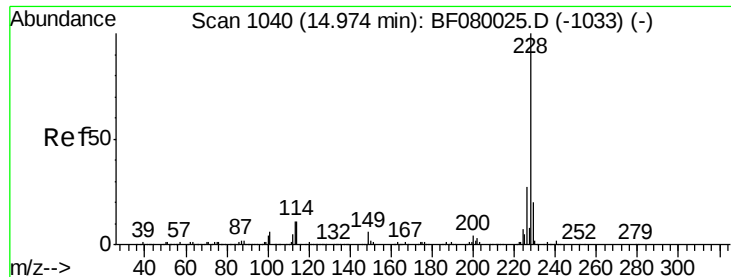
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#78
 Terphenyl-d14
 Concen: 73.87 ng
 RT: 13.63 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: BF080261.D
 Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	4.3	6.5
122	6.5	17.4	26.2#





#80

Benzo(a)anthracene

Concen: 2.88 ng m

RT: 14.96 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF080261.D

Acq: 1 Jul 2015 6:55

Instrument :

BNA_F

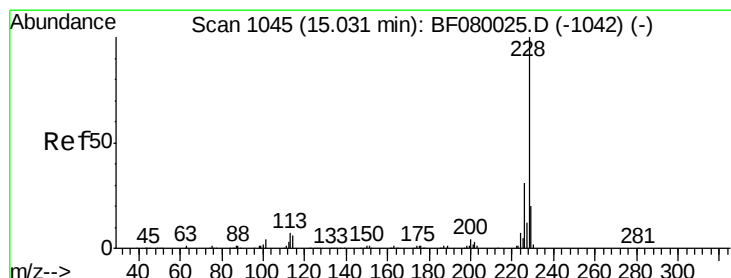
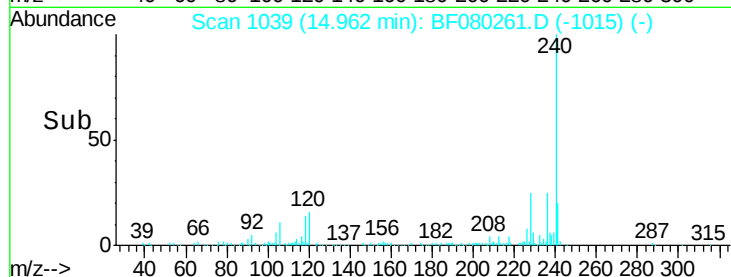
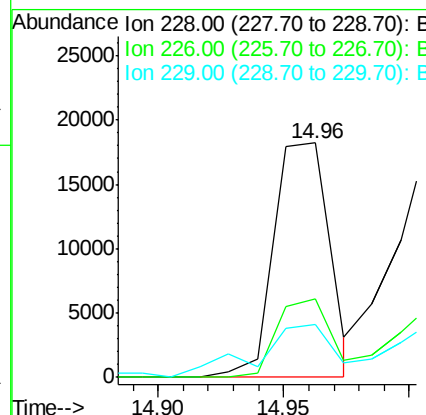
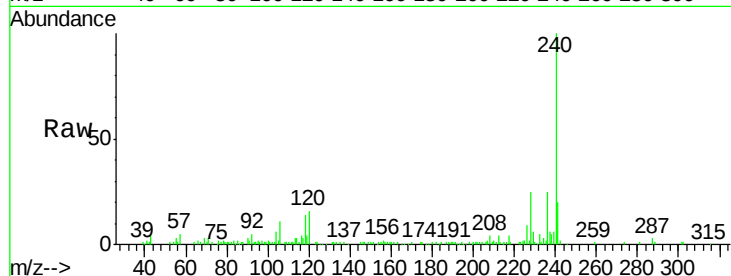
ClientSampled :

TEC-B14

Tgt Ion:	228	Resp:	28175
Ion Ratio	Lower	Upper	
228	100		
226	33.8	20.0	30.0#
229	22.9	15.4	23.2

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#82

Chrysene

Concen: 2.96 ng

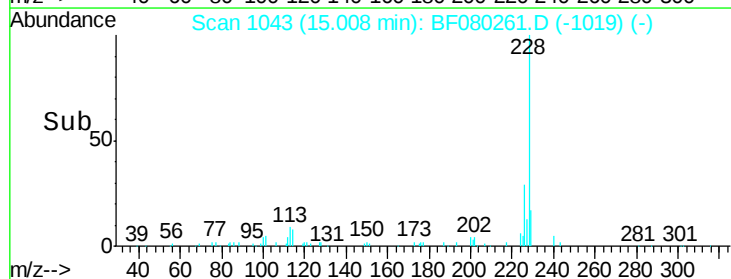
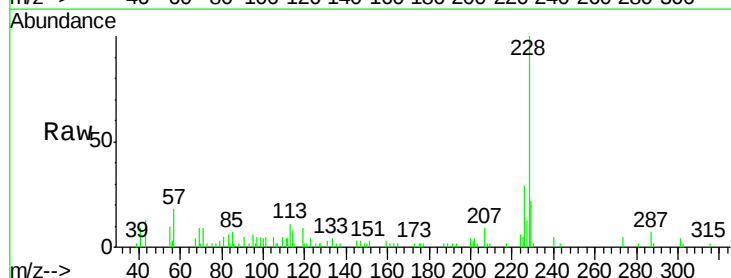
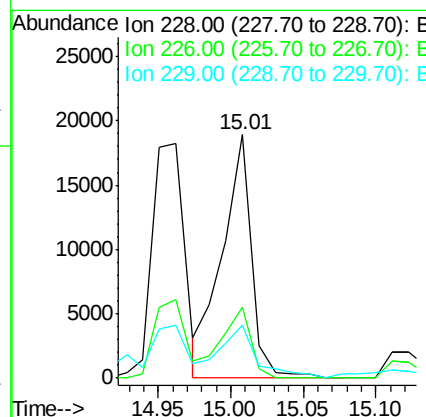
RT: 15.01 min Scan# 1043

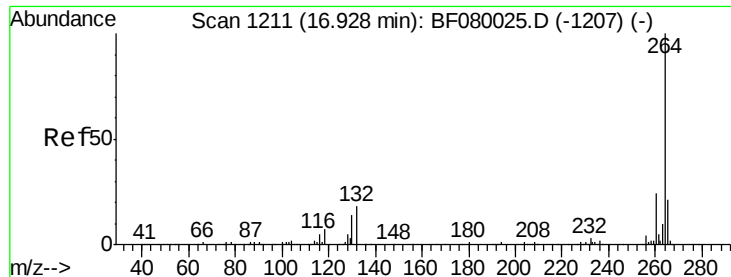
Delta R.T. -0.02 min

Lab File: BF080261.D

Acq: 1 Jul 2015 6:55

Tgt Ion:	228	Resp:	26704
Ion Ratio	Lower	Upper	
228	100		
226	29.1	21.0	31.4
229	21.7	15.6	23.4





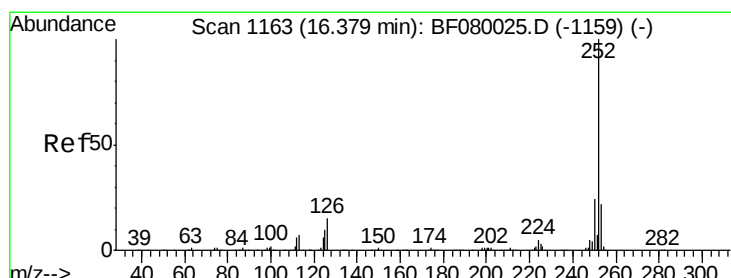
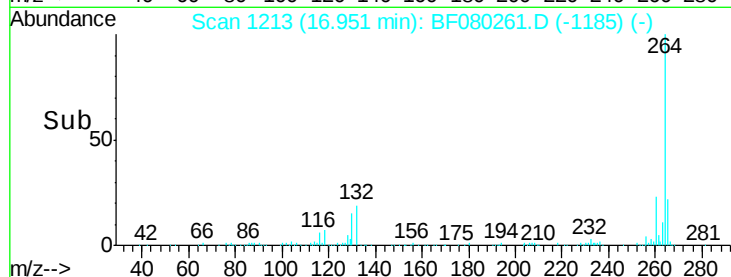
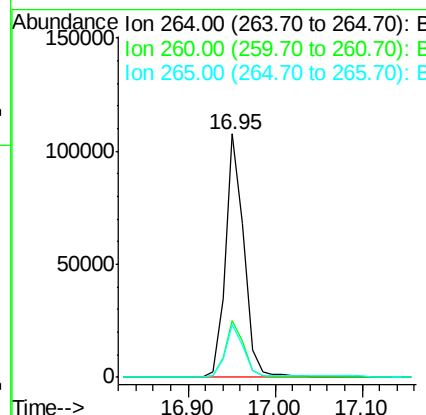
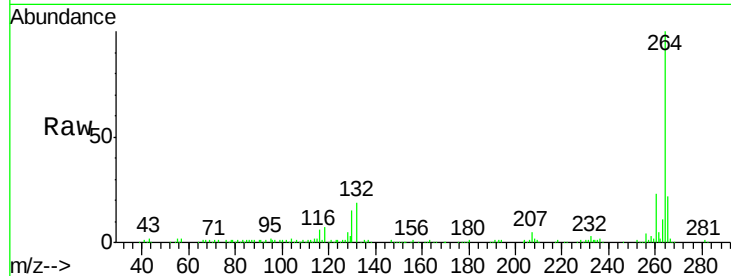
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.95 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BF080261.D
Acq: 1 Jul 2015 6:55

Instrument :
BNA_F
ClientSampled :
TEC-B14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	158696		
260	23.1	16.7	25.1	
265	21.7	17.2	25.8	

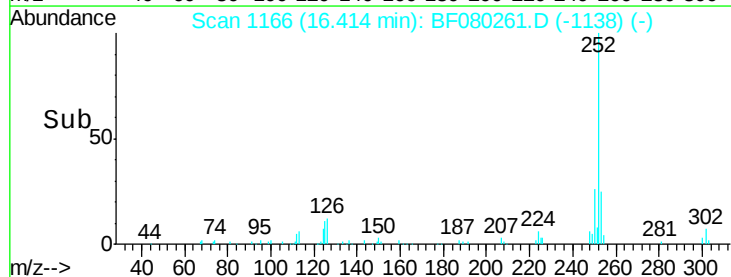
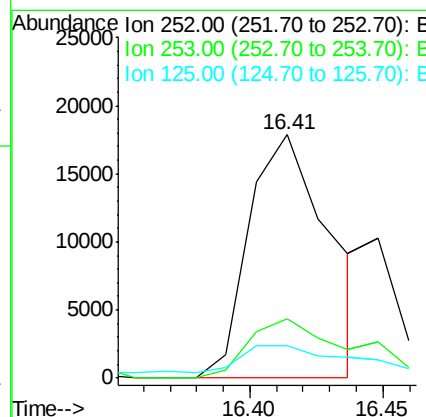
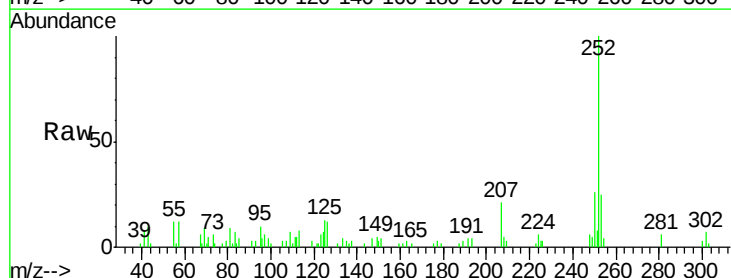
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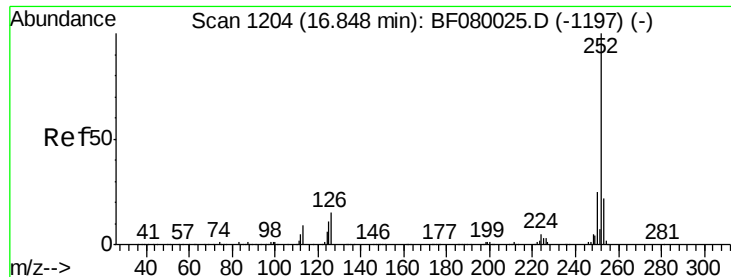
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#87
Benzo(b)fluoranthene
Concen: 3.92 ng m
RT: 16.41 min Scan# 1166
Delta R.T. 0.02 min
Lab File: BF080261.D
Acq: 1 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37641		
253	24.6	17.5	26.3	
125	13.5	17.1	25.7#	





#89
Benzo(a)pyrene
Concen: 2.89 ng
RT: 16.87 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF080261.D
Acq: 1 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
TEC-B14

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.3	17.2	25.8
125	14.6	18.0	27.0

Manual Integrations
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