

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080372.D
 Acq On : 7 Jul 2015 12:45
 Operator : TP/UM
 Sample : G2874-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1DL

Manual Integrations
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Quant Time: Jul 07 14:41:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 14:37:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37346	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	141156	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	64675	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	138358	20.00	ng	0.00
75) Chrysene-d12	14.87	240	151217	20.00	ng	-0.01
86) Perylene-d12	16.81	264	151296	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	120673	59.18	ng	0.00
7) Phenol-d6	6.83	99	155995	57.71	ng	-0.01
23) Nitrobenzene-d5	7.79	82	85280	35.24	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	39614	58.54	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	216273	45.13	ng	0.00
78) Terphenyl-d14	13.54	244	244738	37.75	ng	-0.01
Target Compounds						Qvalue
48) Acenaphthylene	10.14	152	20362	2.79	ng	99
49) Dimethylphthalate	9.98	163	33084	6.37	ng	100
70) Phenanthrene	11.82	178	104983	12.65	ng	98
71) Anthracene	11.88	178	55799	6.86	ng	97
72) Carbazole	12.03	167	36488	4.81	ng	100
74) Fluoranthene	13.12	202	488604	54.80	ng	98
77) Pyrene	13.38	202	433827	47.43	ng	99
80) Benzo(a)anthracene	14.85	228	253085m	27.77	ng	
82) Chrysene	14.90	228	200328	23.49	ng	98
85) Indeno(1,2,3-cd)pyrene	18.59	276	166197	16.58	ng	96
87) Benzo(b)fluoranthene	16.28	252	321176m	33.78	ng	
88) Benzo(k)fluoranthene	16.32	252	78177m	8.69	ng	
89) Benzo(a)pyrene	16.73	252	211068	24.27	ng	98
90) Dibenzo(a,h)anthracene	18.61	278	29641	3.46	ng	95
91) Benzo(g,h,i)perylene	19.14	276	164917	18.99	ng	98

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

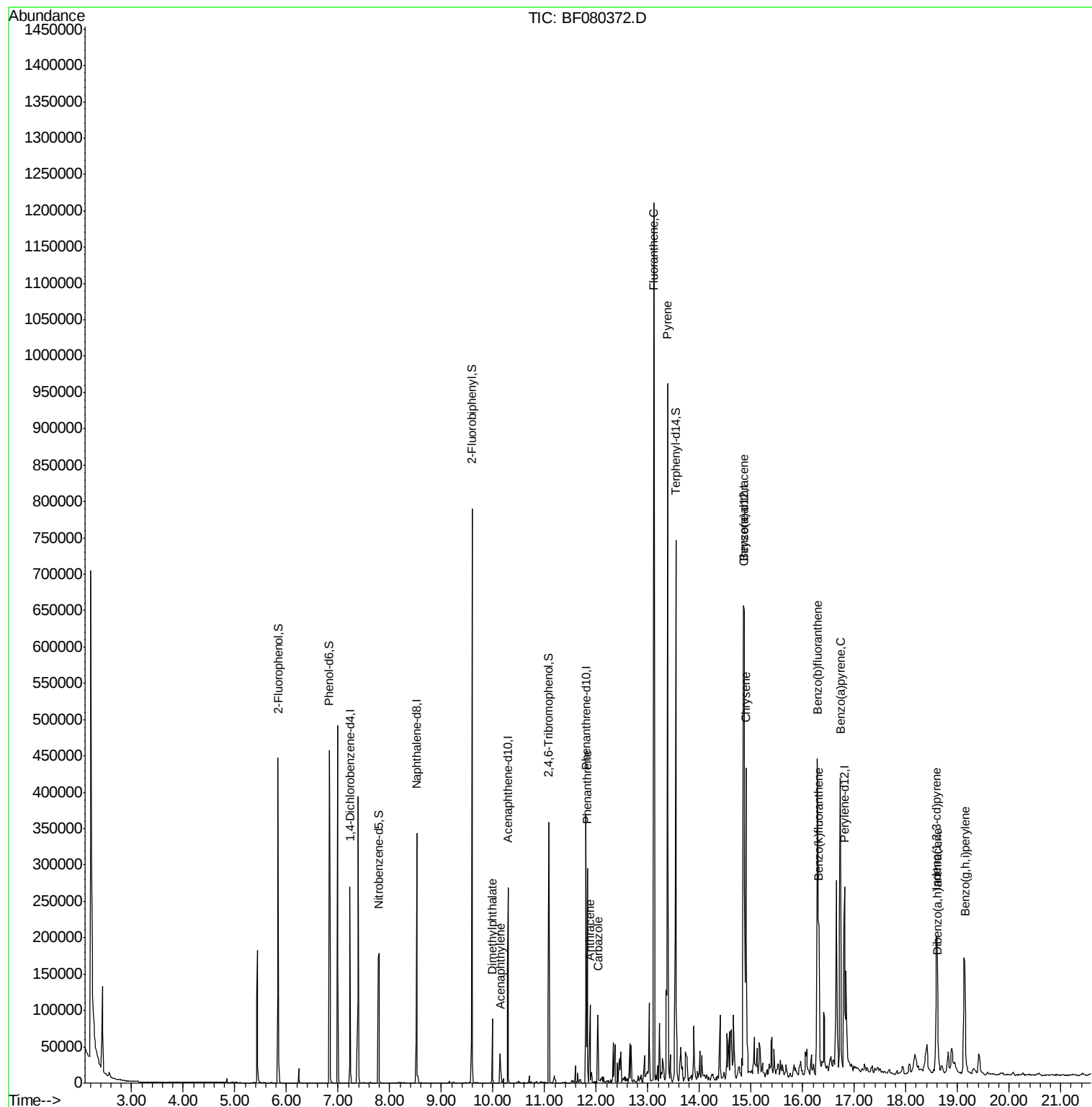
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
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ALS Vial : 3 Sample Multiplier: 1

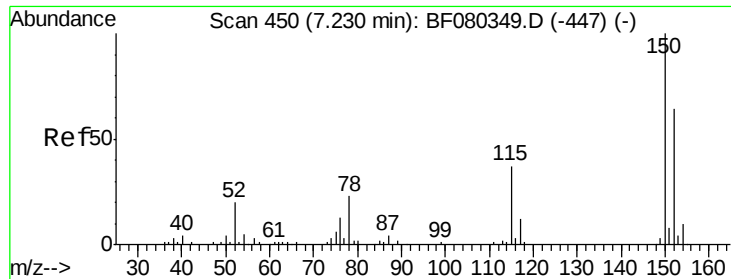
Instrument :
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Quant Time: Jul 07 14:41:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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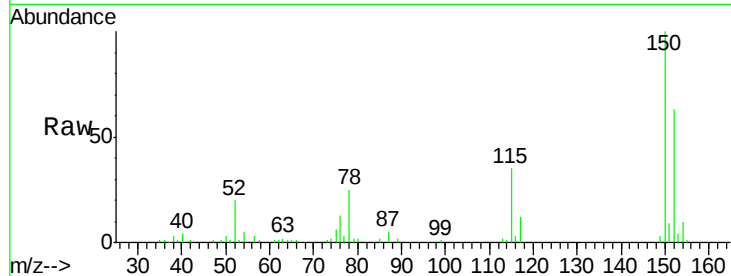




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

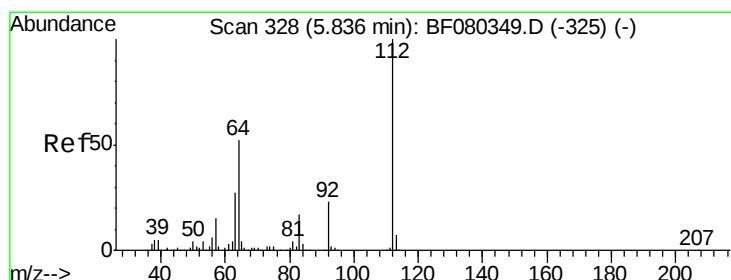
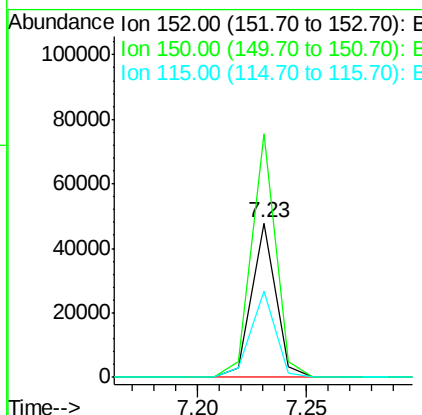
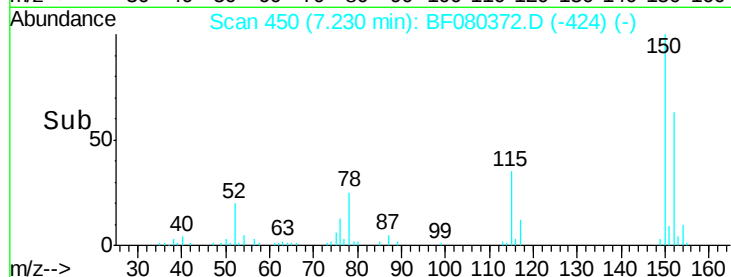
Instrument :
BNA_F
ClientSampled :
SP-1DL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	55.8	45.7	68.5

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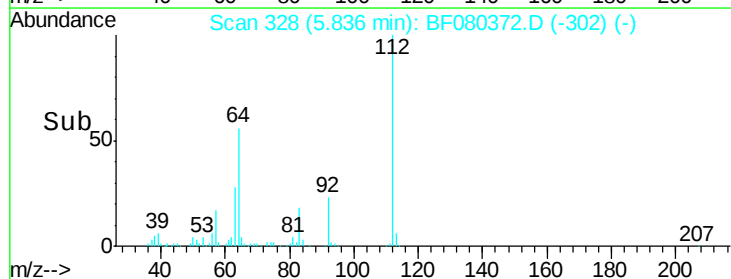
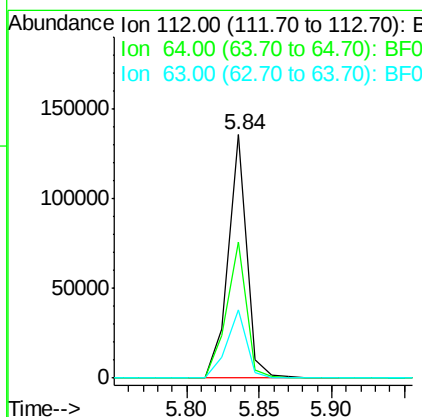
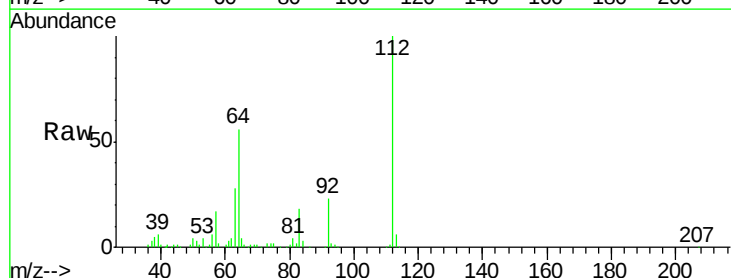
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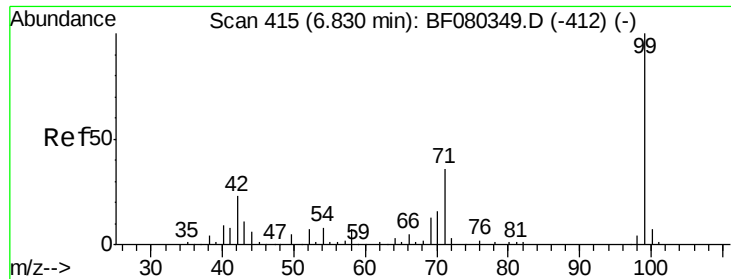


#5

2-Fluorophenol
Concen: 59.18 ng
RT: 5.84 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	41.8	62.6
63	27.9	21.5	32.3





#7

Phenol-d6

Concen: 57.71 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Instrument :

BNA_F

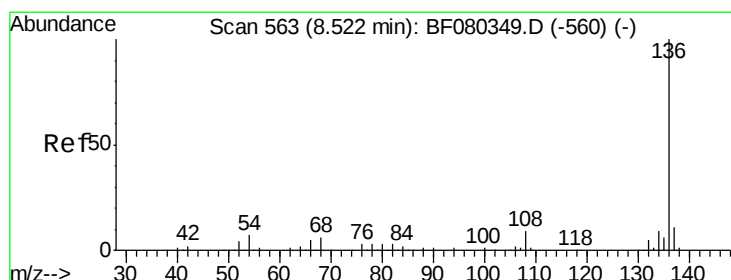
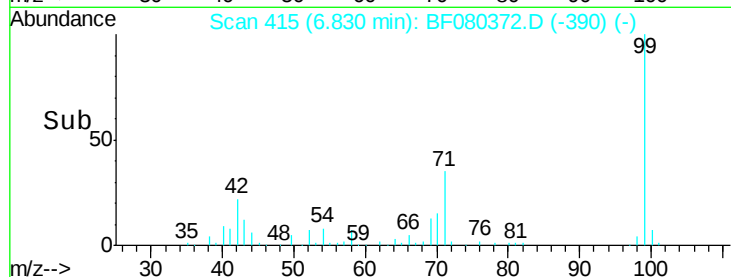
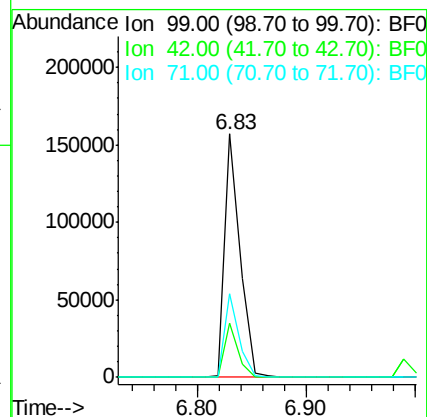
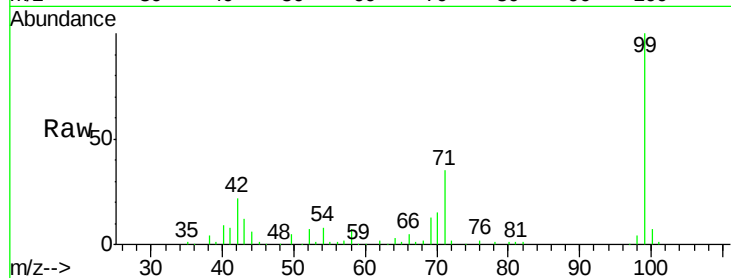
ClientSampleId :

SP-1DL

Tgt Ion:	99	Resp:	155995
Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.5	27.7
71	34.5	28.5	42.7

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#21

Naphthalene-d8

Concen: 20.00 ng

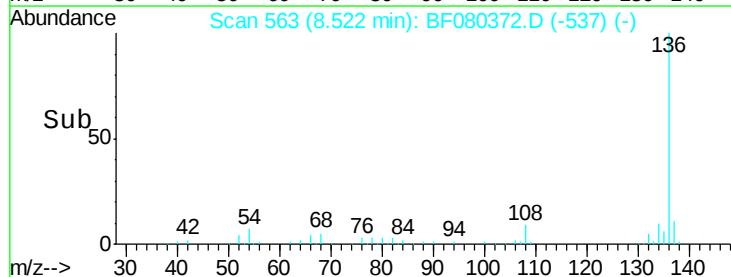
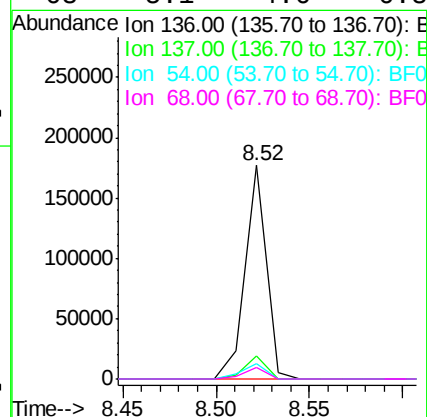
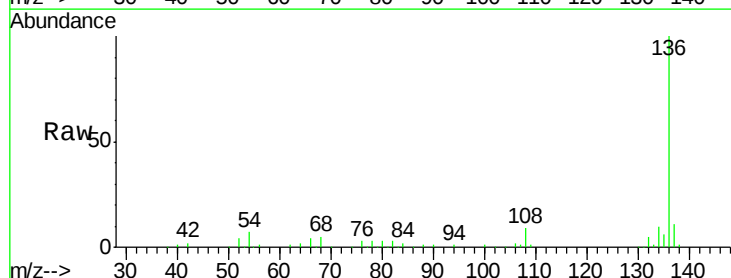
RT: 8.52 min Scan# 563

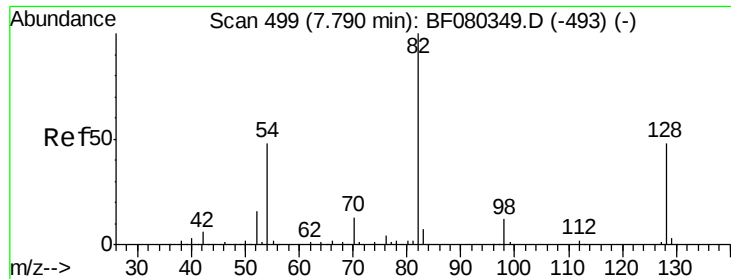
Delta R.T. -0.00 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Tgt Ion:	136	Resp:	141156
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.9	5.8	8.8
68	5.1	4.6	6.8





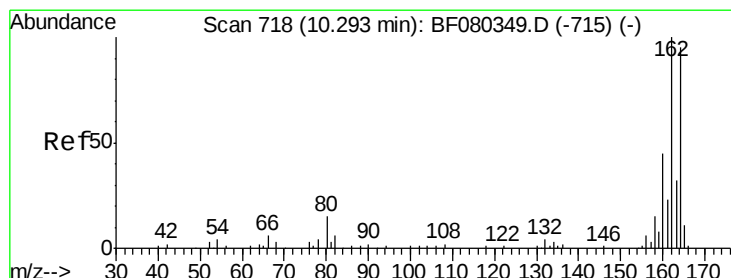
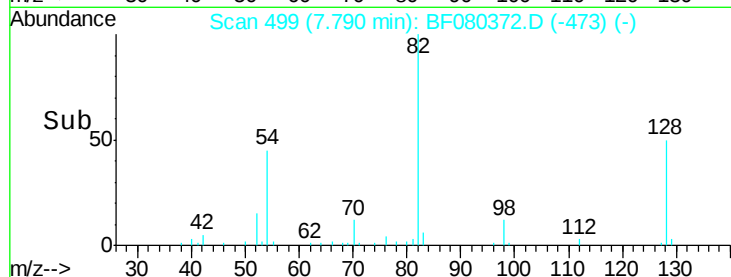
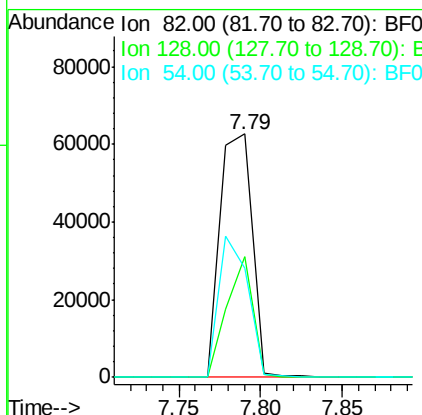
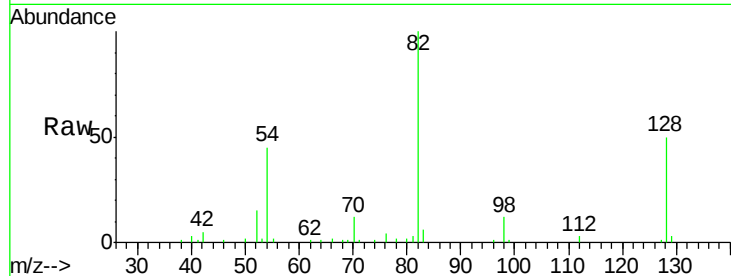
#23
 Nitrobenzene-d5
 Concen: 35.24 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Instrument :
 BNA_F
 ClientSampled :
 SP-1DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	45.0	38.2	57.2

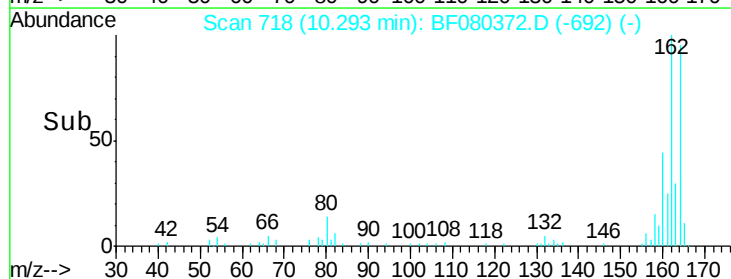
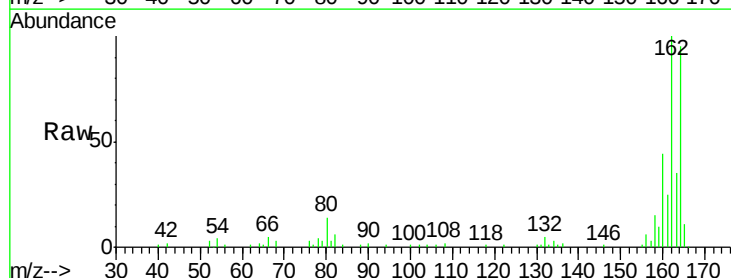
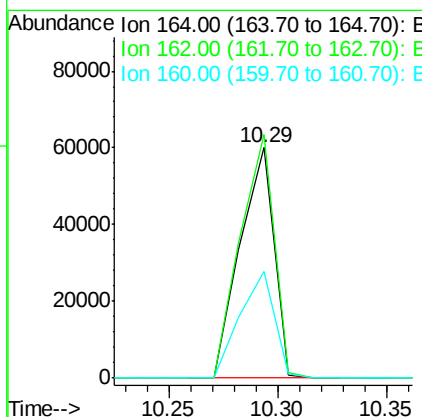
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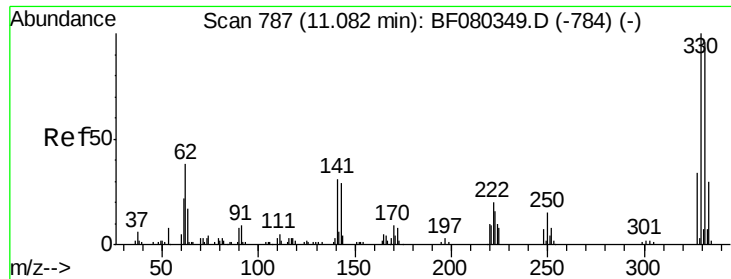
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.5	126.7
160	46.4	37.7	56.5





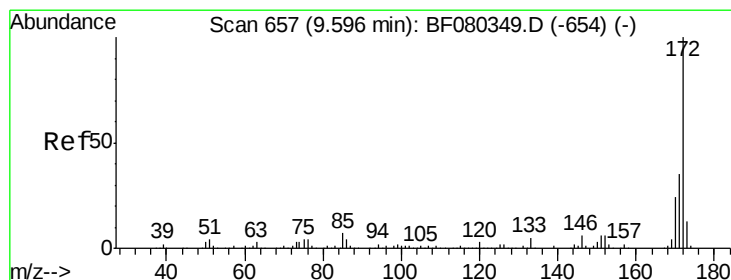
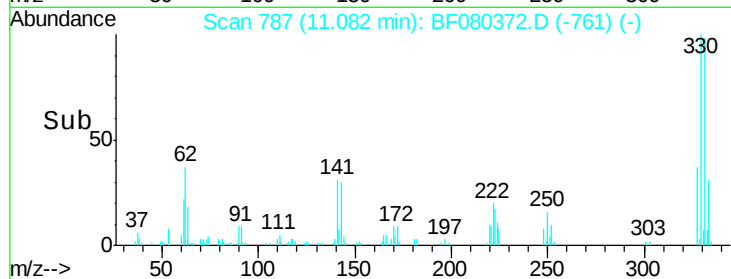
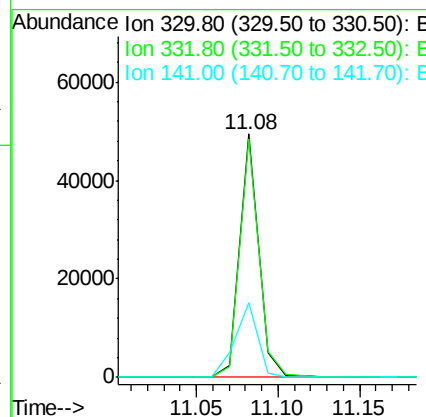
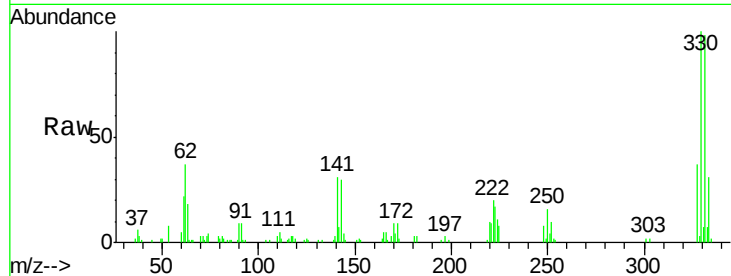
#41
 2,4,6-Tribromophenol
 Concen: 58.54 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	39614		
332	98.6	77.0	115.4	
141	36.5	29.6	44.4	

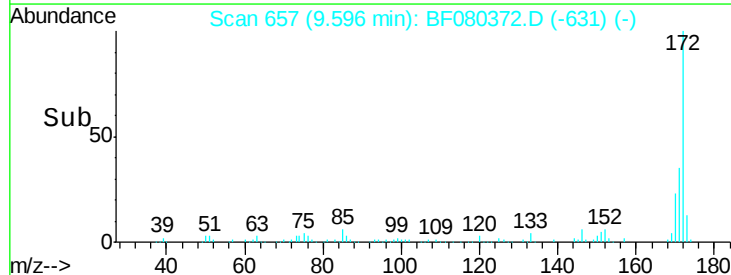
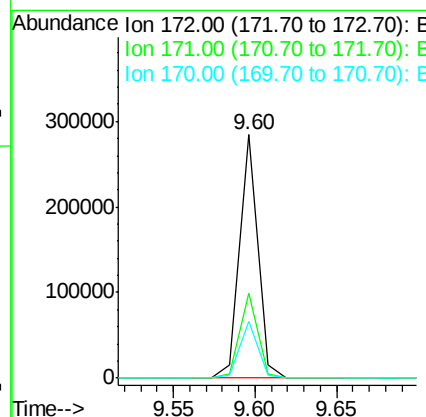
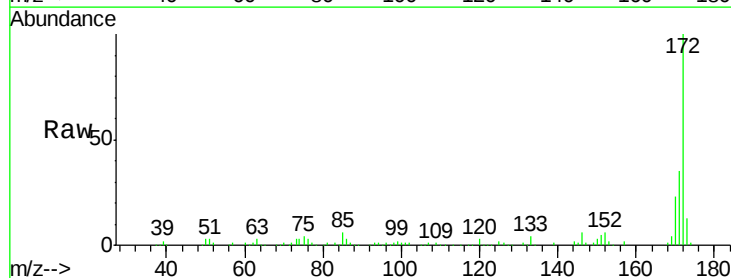
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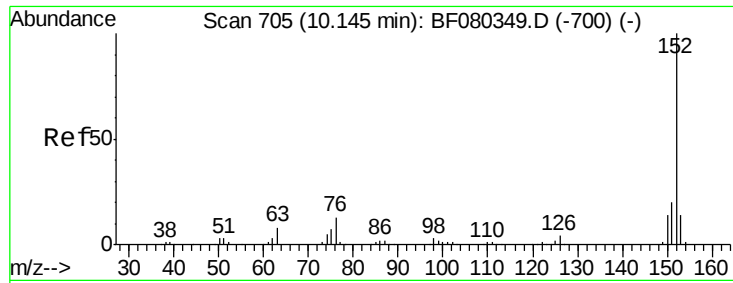
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#44
 2-Fluorobiphenyl
 Concen: 45.13 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	216273		
171	34.9	28.3	42.5	
170	23.1	19.1	28.7	





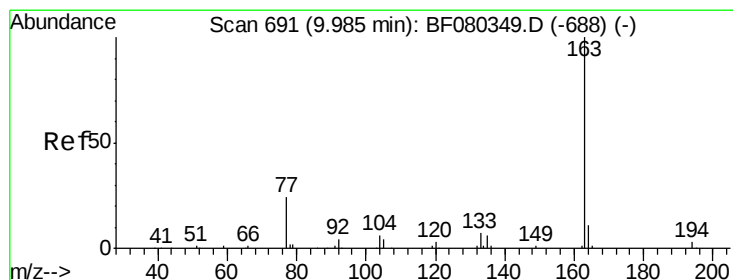
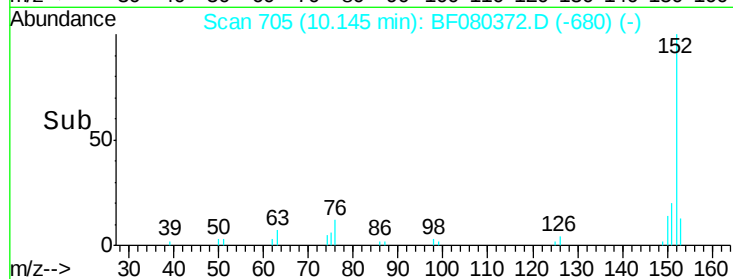
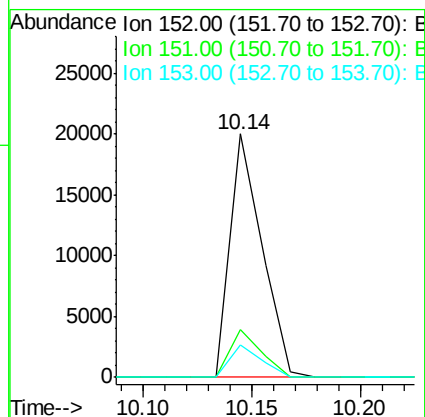
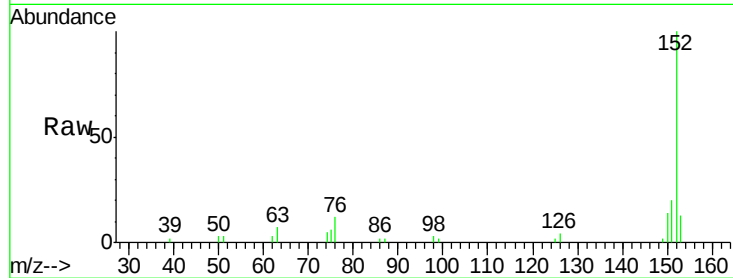
#48
Acenaphthylene
Concen: 2.79 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Instrument :
BNA_F
ClientSampled :
SP-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	20362		
151	19.6	16.3	24.5	
153	13.3	11.0	16.4	

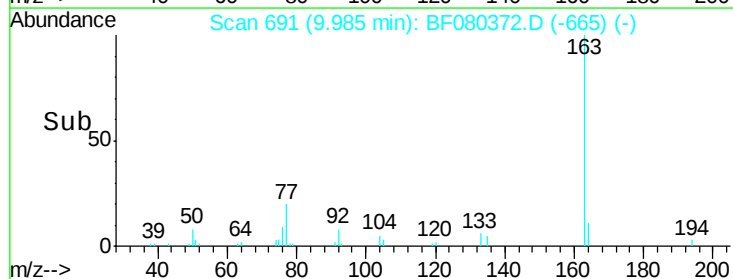
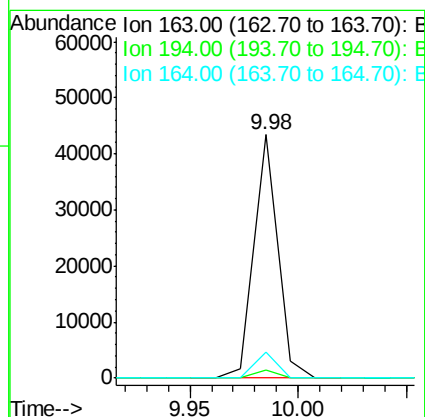
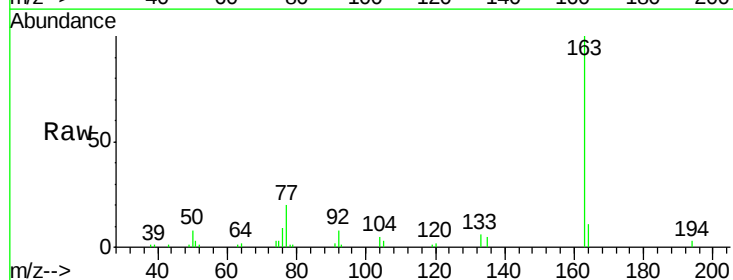
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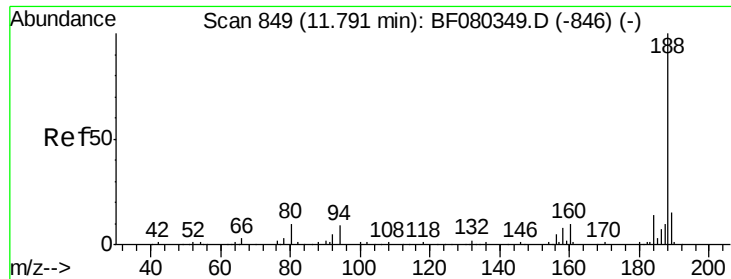
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#49
Dimethylphthalate
Concen: 6.37 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	33084		
194	3.3	2.6	3.8	
164	10.7	8.5	12.7	





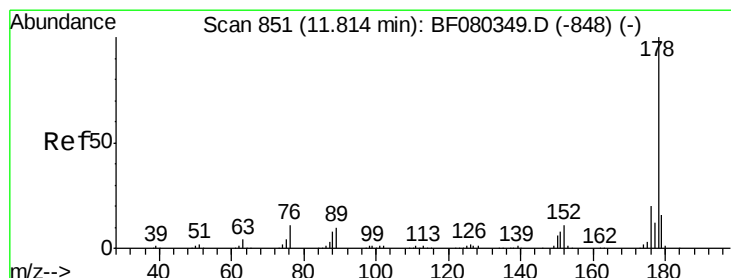
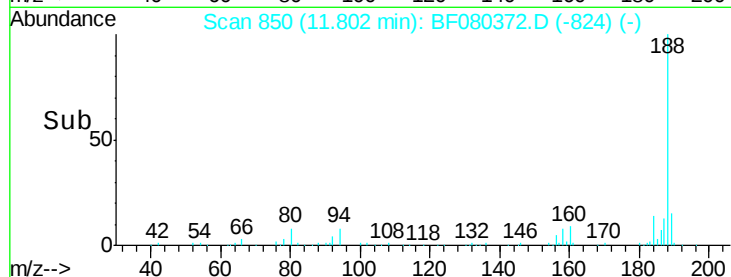
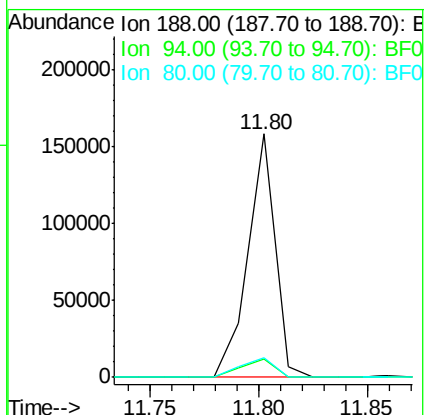
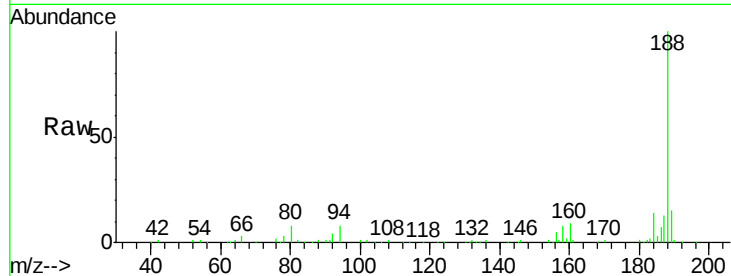
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Instrument :
BNA_F
ClientSampleId :
SP-1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	7.5	11.3
80	8.1	8.3	12.5#

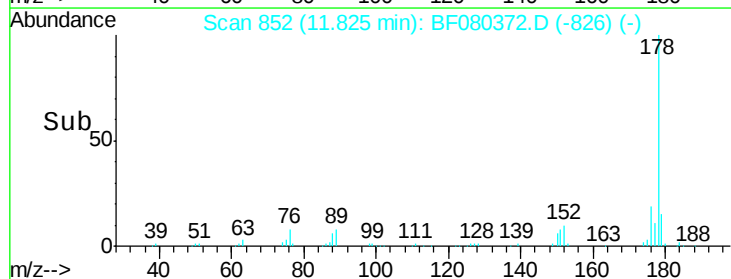
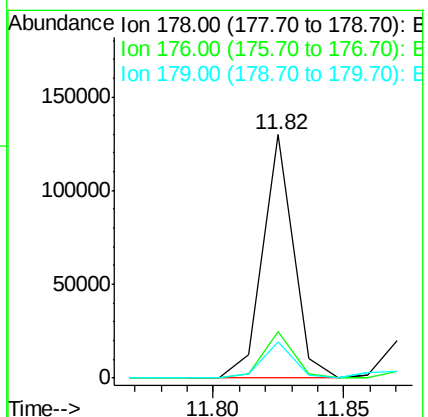
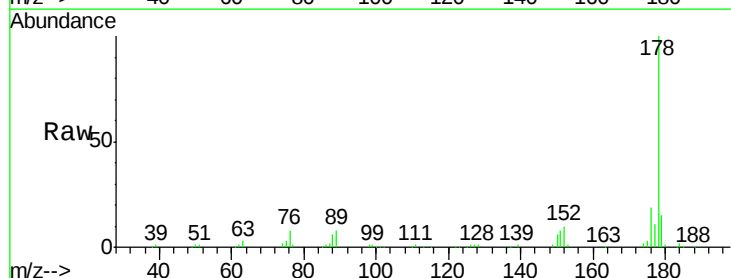
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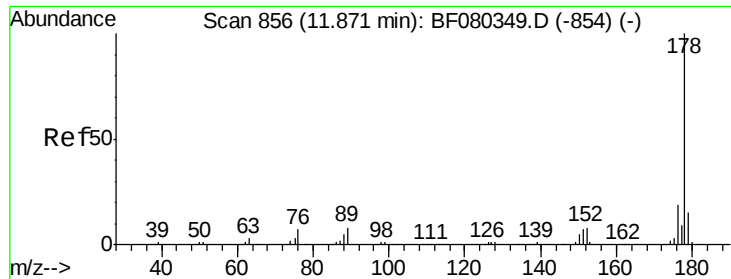
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#70
Phenanthrene
Concen: 12.65 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	16.1	24.1
179	14.7	12.6	18.8





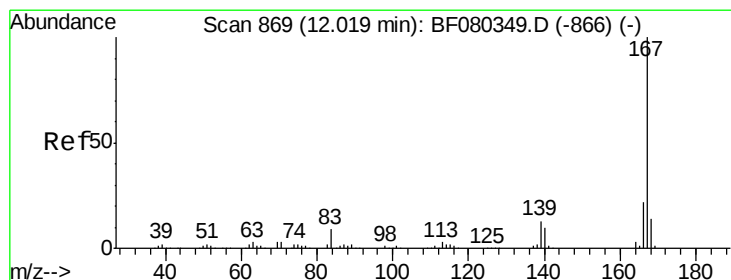
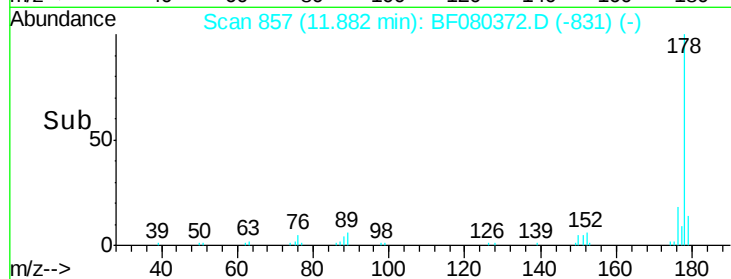
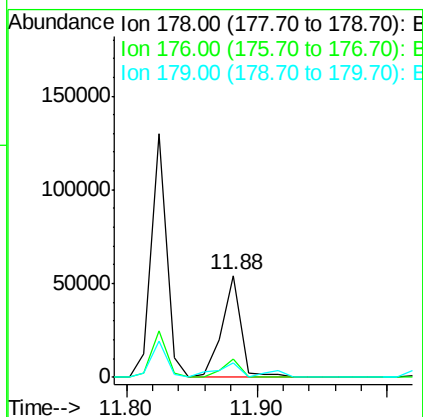
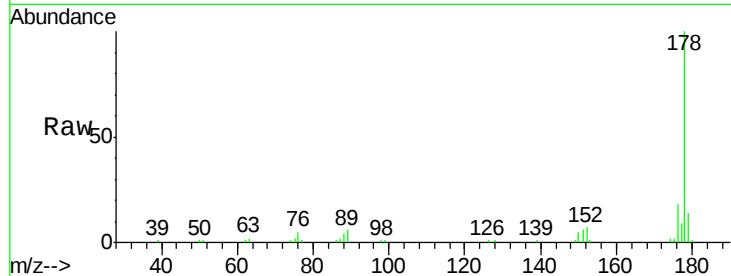
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 Anthracene
 Concen: 6.86 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.3	22.9
179	13.9	12.3	18.5

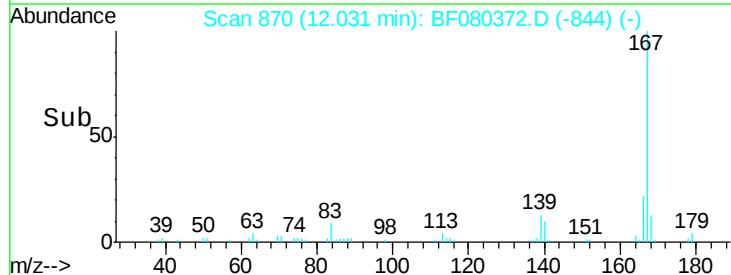
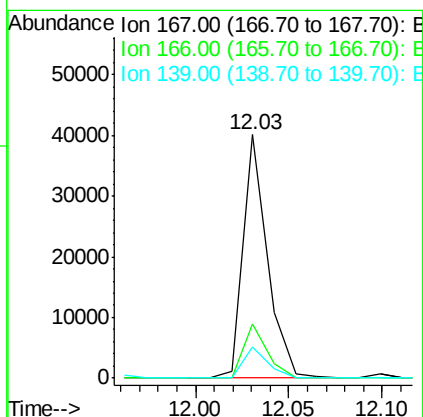
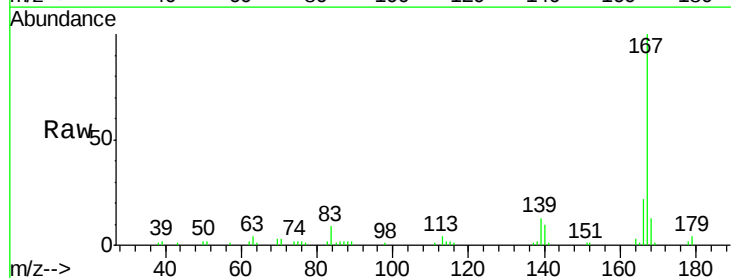
Manual Integrations
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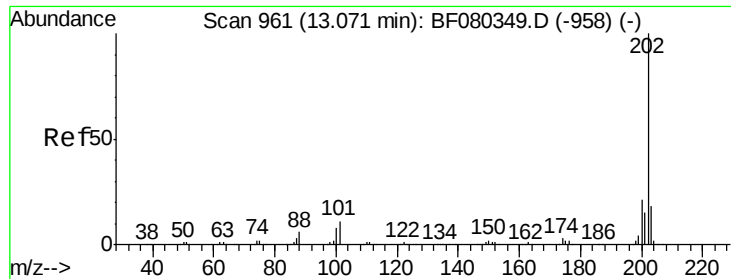
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#72
 Carbazole
 Concen: 4.81 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	12.9	10.4	15.6





#74

Fluoranthene

Concen: 54.80 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF080372.D

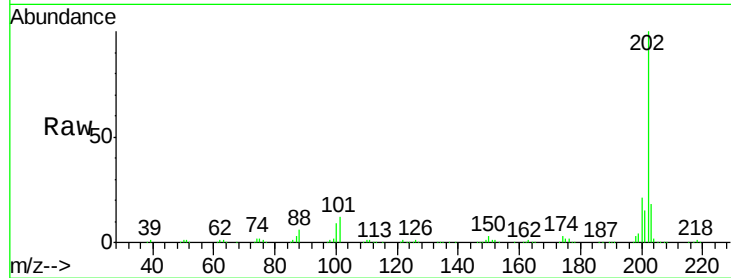
Acq: 7 Jul 2015 12:45

Instrument :

BNA_F

ClientSampleId :

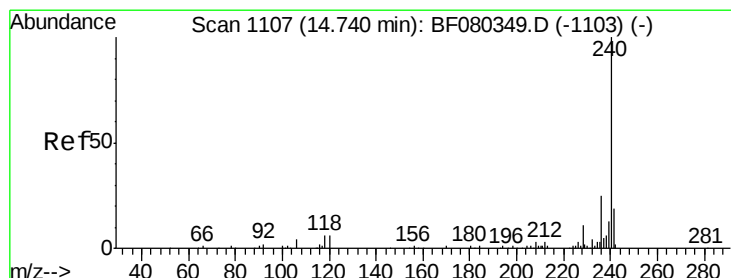
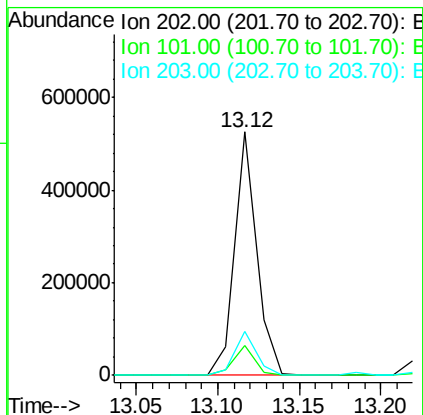
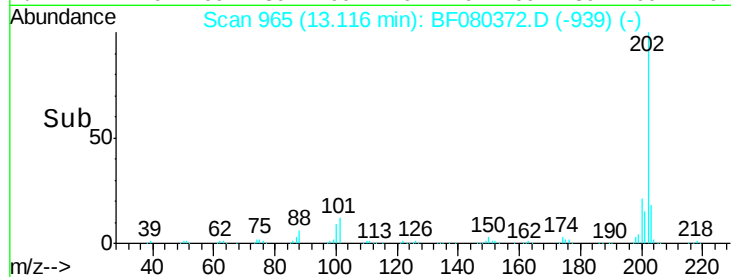
SP-1DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	31.0
203	17.9	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

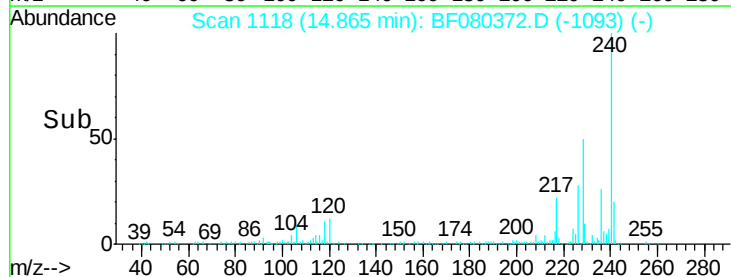
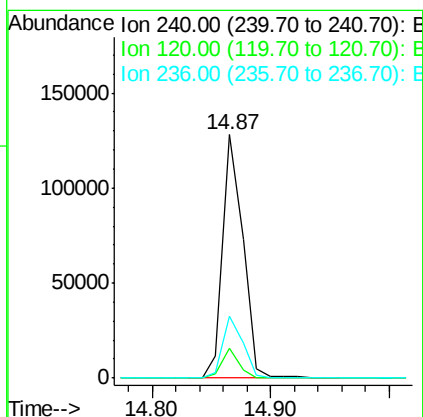
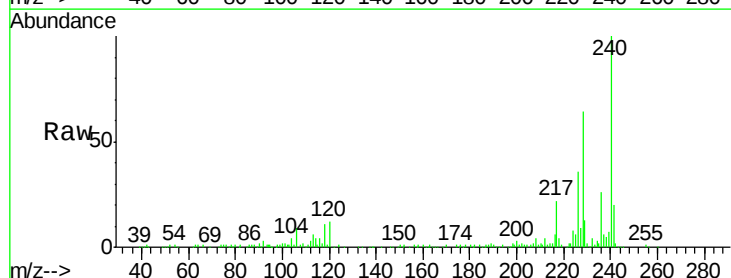
RT: 14.87 min Scan# 1118

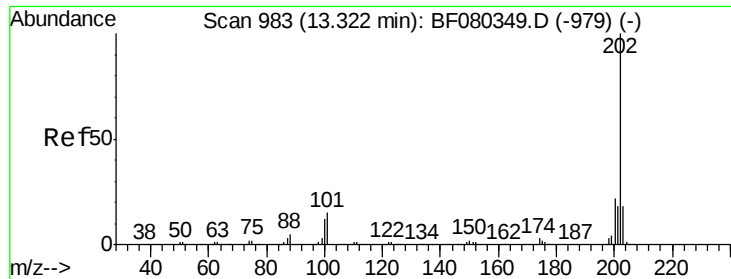
Delta R.T. -0.01 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.3	5.1	7.7#
236	25.5	20.4	30.6





#77

Pyrene

Concen: 47.43 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Instrument :

BNA_F

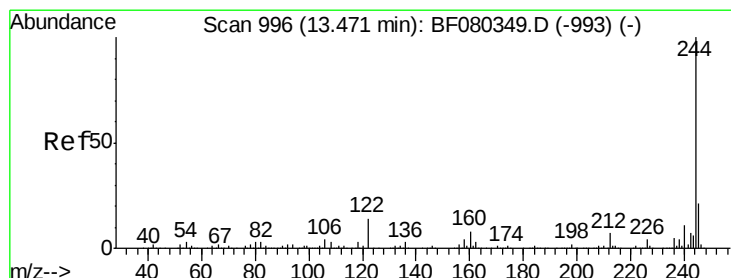
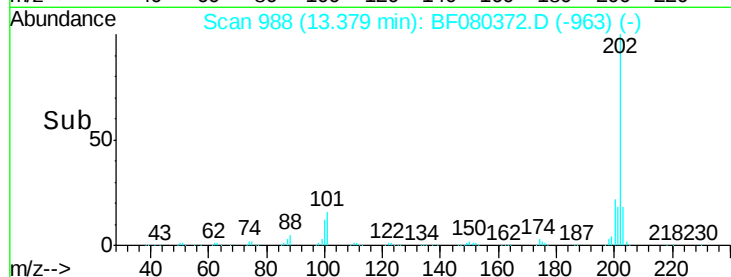
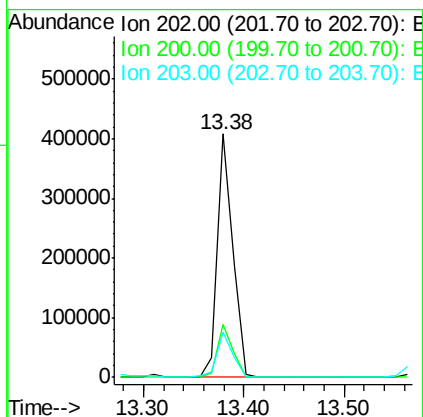
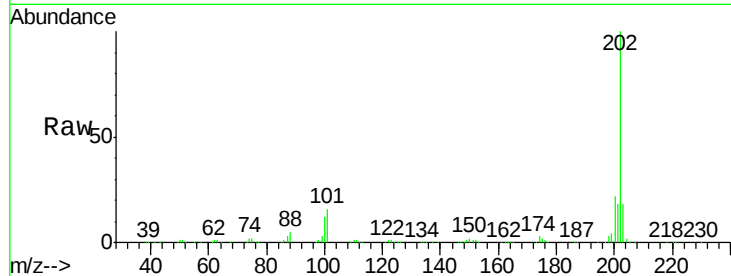
ClientSampled :

SP-1DL

Tgt	Ion:202	Resp:	433827
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 37.75 ng

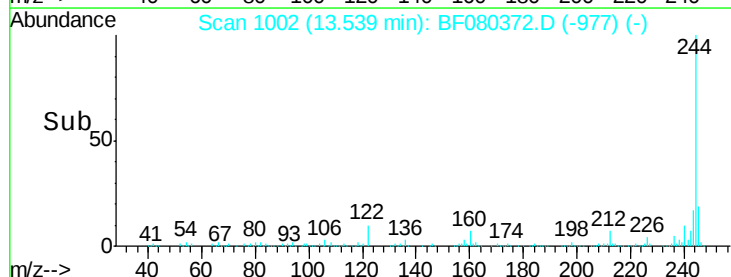
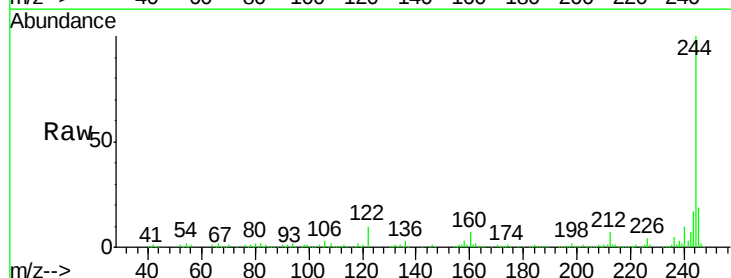
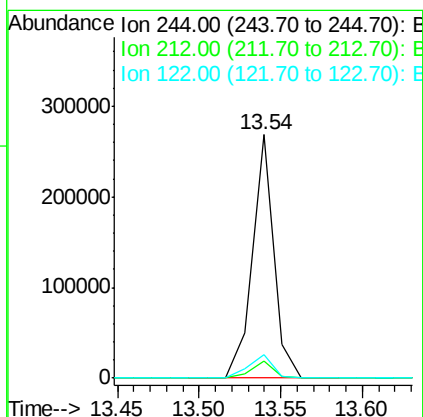
RT: 13.54 min Scan# 1002

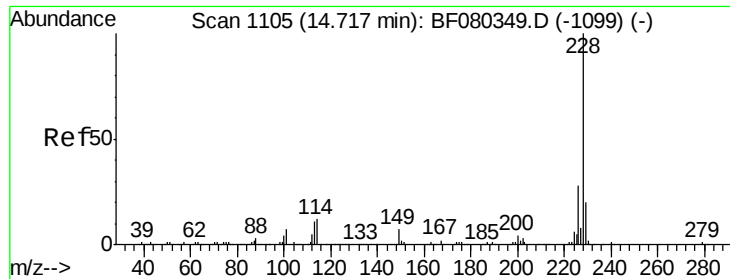
Delta R.T. -0.01 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Tgt	Ion:244	Resp:	244738
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.7	11.1	16.7#





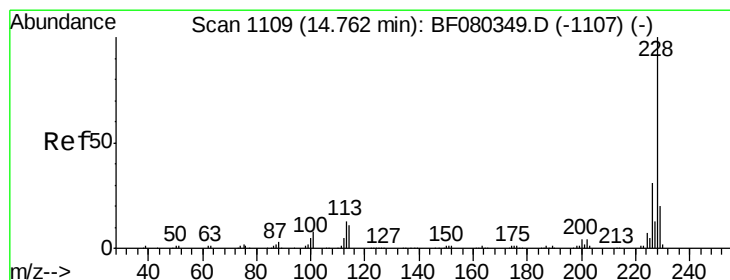
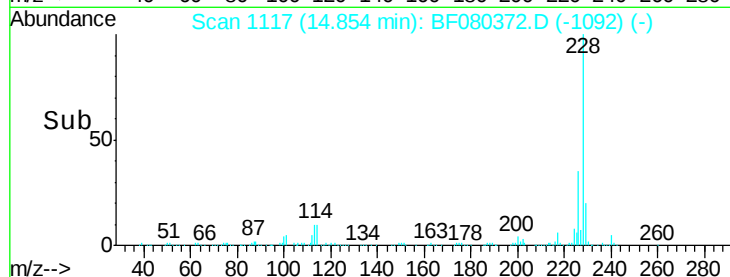
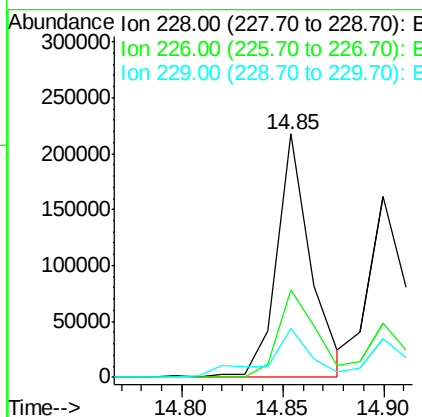
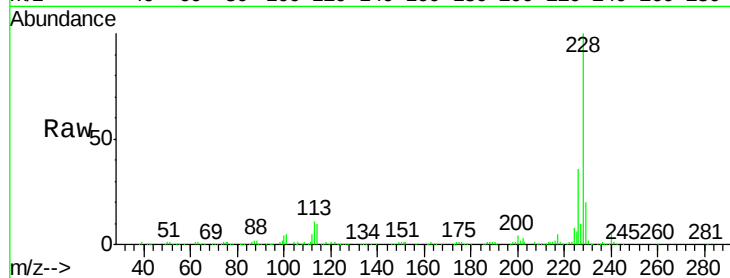
#80
Benzo(a)anthracene
Concen: 27.77 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Instrument :
BNA_F
ClientSampled :
SP-1DL

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	36.0	22.2	33.4#
229	20.2	16.0	24.0

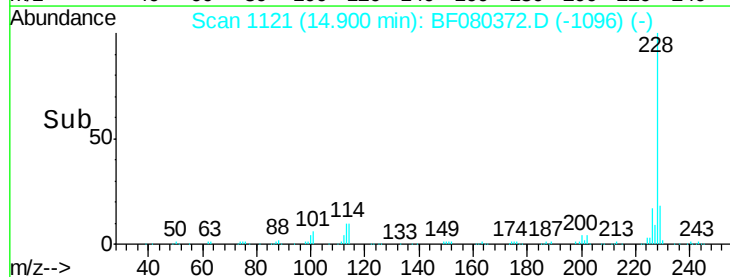
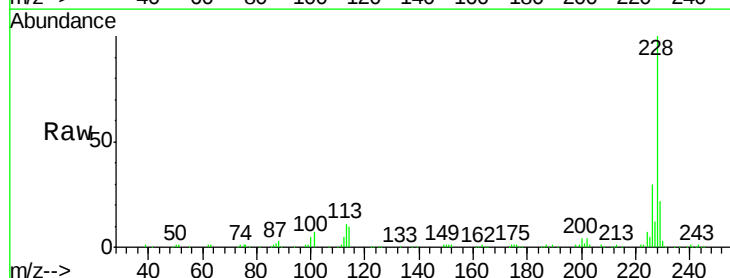
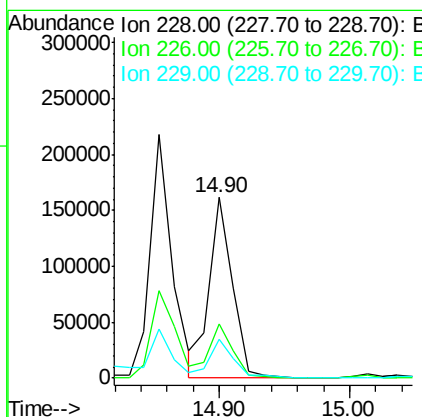
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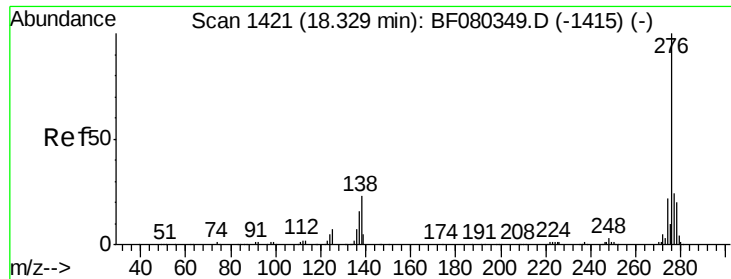
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#82
Chrysene
Concen: 23.49 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.4
229	21.9	16.1	24.1





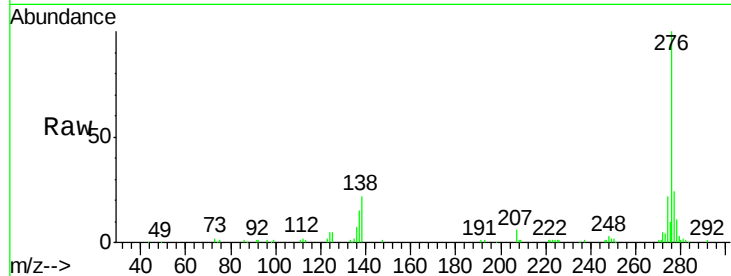
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.58 ng
RT: 18.59 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Instrument :
BNA_F
ClientSampleId :
SP-1DL

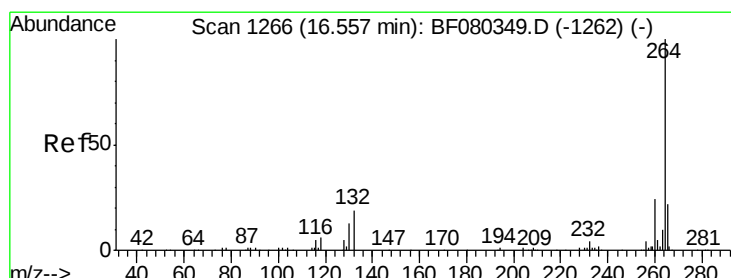
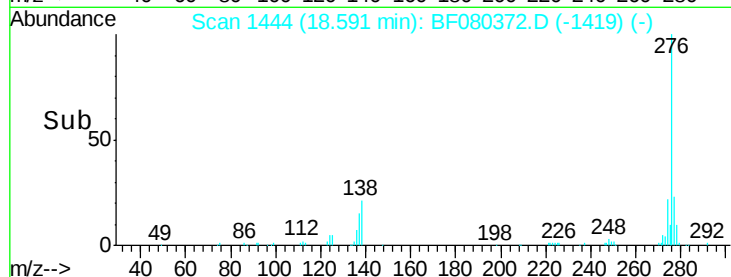
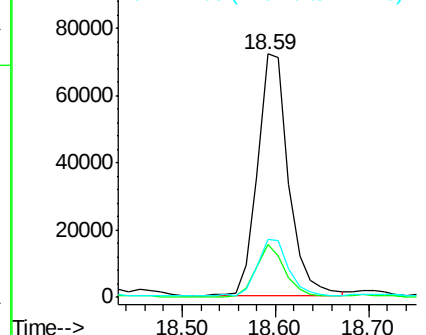
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.7	29.5
277	23.8	19.4	29.0

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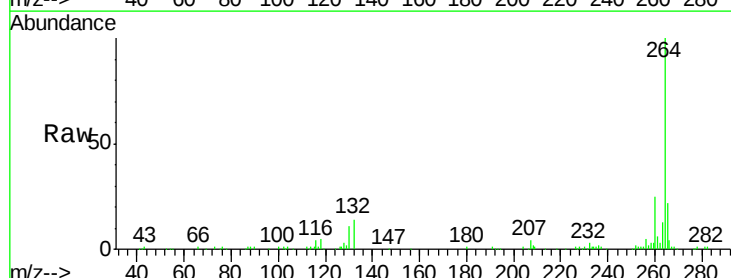


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

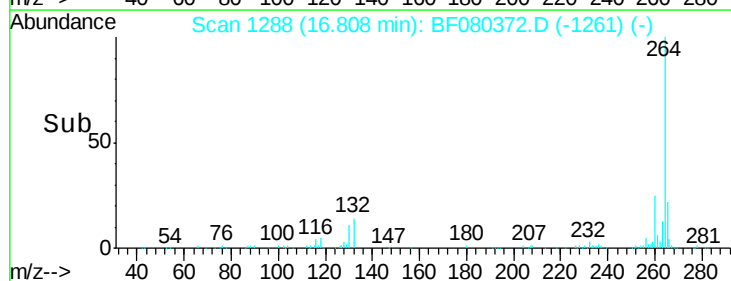
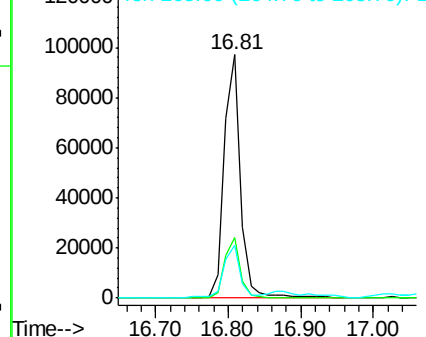


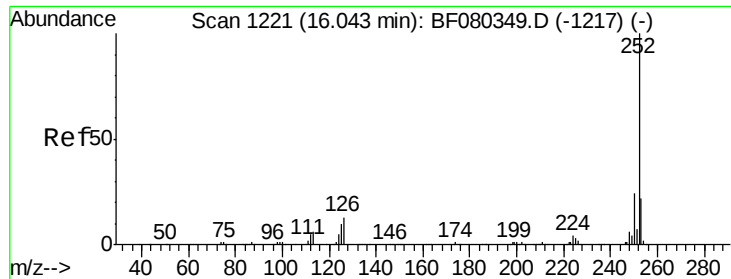
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.6	26.4



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





#87

Benzo(b)fluoranthene

Concen: 33.78 ng m

RT: 16.28 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF080372.D

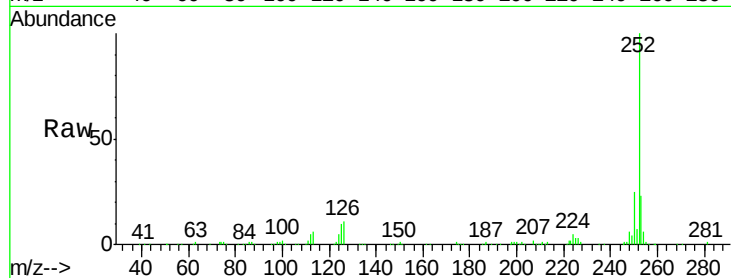
Acq: 7 Jul 2015 12:45

Instrument :

BNA_F

ClientSampleId :

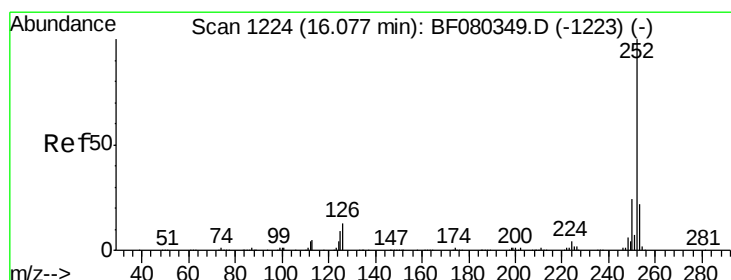
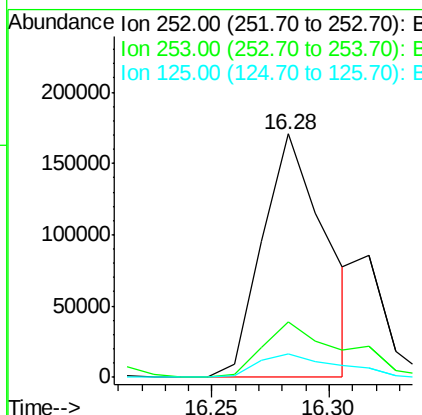
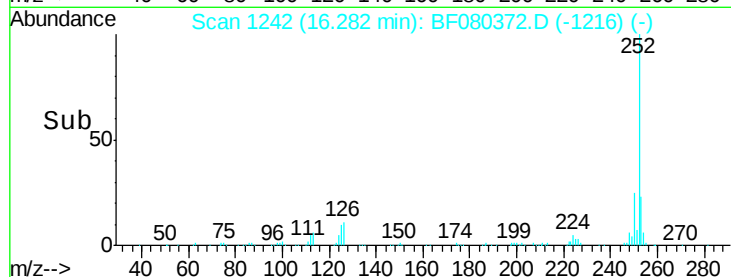
SP-1DL



Tgt Ion:	252	Resp:	321176
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	9.8	7.7	11.5

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#88

Benzo(k)fluoranthene

Concen: 8.69 ng m

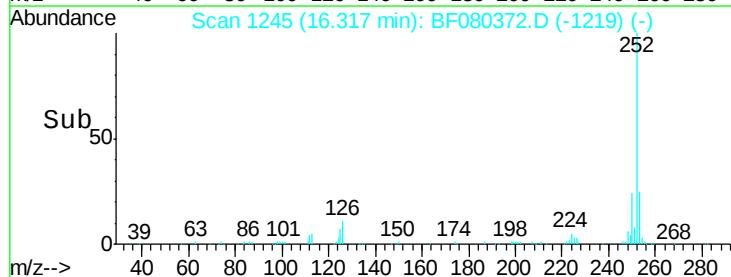
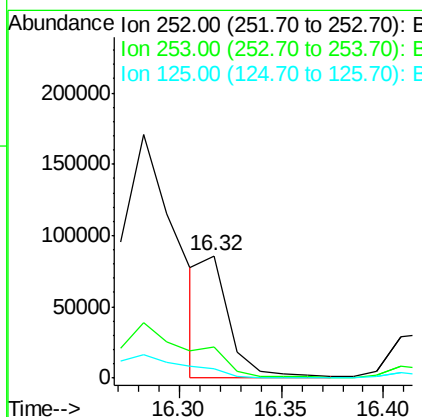
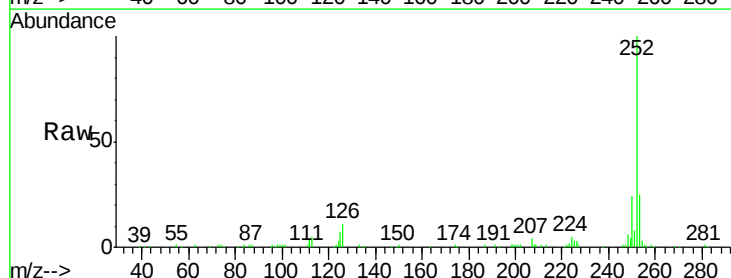
RT: 16.32 min Scan# 1245

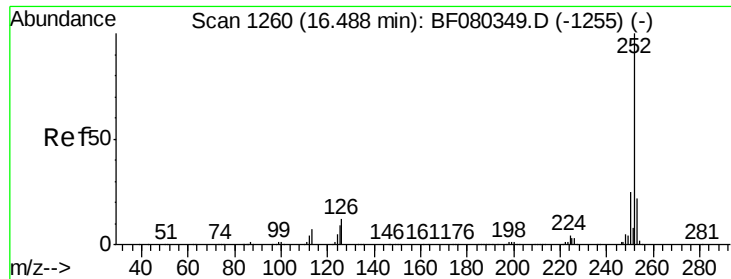
Delta R.T. -0.00 min

Lab File: BF080372.D

Acq: 7 Jul 2015 12:45

Tgt Ion:	252	Resp:	78177
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.8	26.6
125	7.5	8.5	12.7#





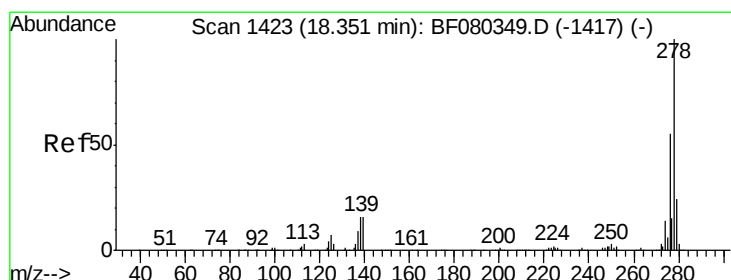
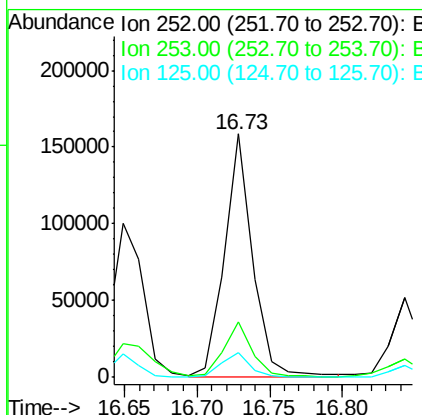
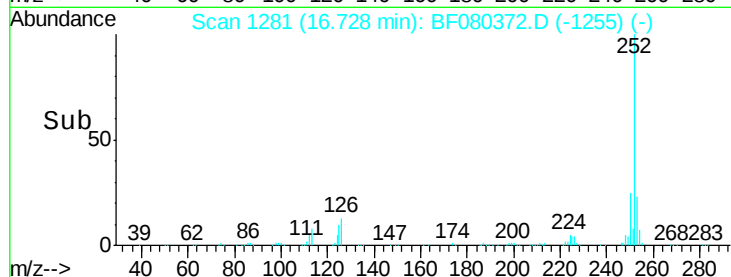
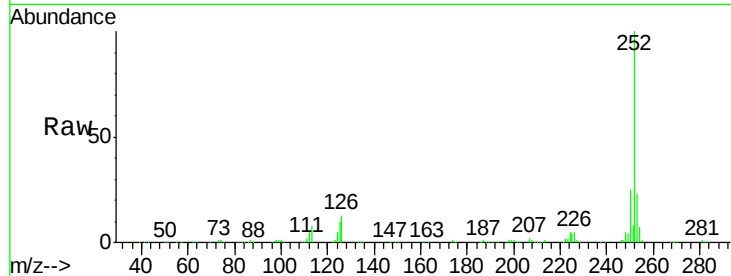
#89
Benzo(a)pyrene
Concen: 24.27 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Instrument :
BNA_F
ClientSampleId :
SP-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	211068		
253	22.9	17.8	26.8	
125	10.1	7.3	10.9	

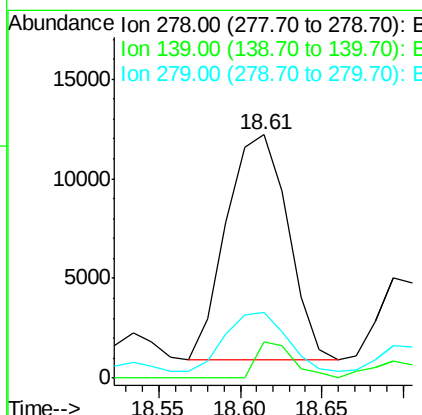
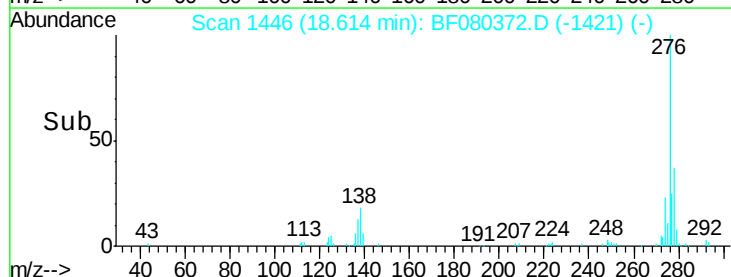
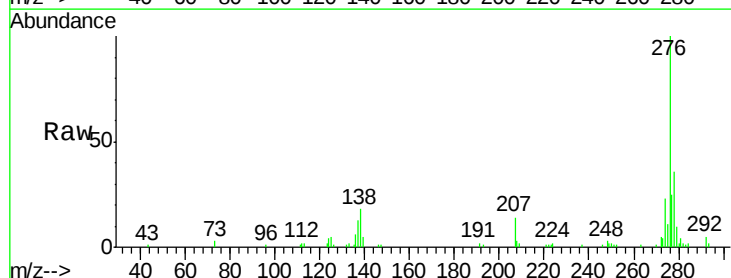
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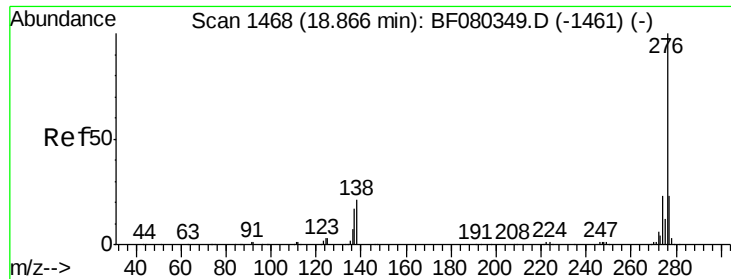
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#90
Dibenzo(a,h)anthracene
Concen: 3.46 ng
RT: 18.61 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF080372.D
Acq: 7 Jul 2015 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	29641		
139	15.0	13.0	19.6	
279	27.1	19.1	28.7	





#91
 Benzo(g,h,i)perylene
 Concen: 18.99 ng
 RT: 19.14 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: BF080372.D
 Acq: 7 Jul 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-1DL

Tgt Ion:	276	Resp:	164917
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	19.6	16.8	25.2

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