

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081167.D
 Acq On : 24 Aug 2015 13:50
 Operator : UM/IZ
 Sample : G3083-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Manual Integrations
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 8/25/2015 12:38:25 PM

Quant Time: Aug 24 14:32:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	68967	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	281637	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	128230	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	263413	20.00	ng	0.00
75) Chrysene-d12	13.66	240	207156	20.00	ng	0.00
86) Perylene-d12	14.99	264	158637	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	90597	19.76	ng	0.00
7) Phenol-d6	6.18	99	138627	23.17	ng	-0.01
23) Nitrobenzene-d5	7.11	82	88119	14.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.34	330	23093	20.78	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	159211	16.27	ng	0.00
78) Terphenyl-d14	12.62	244	152376	15.77	ng	-0.01

Target Compounds				Qvalue		
8) 2-Chlorophenol	6.32	128	136189	27.14	ng	88
10) Phenol	6.20	94	174861	24.75	ng	# 70
11) bis(2-Chloroethyl)ether	6.29	93	104073	19.20	ng	97
14) 1,2-Dichlorobenzene	6.71	146	41328	8.27	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	143834	13.50	ng	99
17) 2-Methylphenol	6.81	107	87341	20.28	ng	93
19) n-Nitroso-di-n-propylamine	6.96	70	92995	22.44	ng	95
25) Isophorone	7.37	82	368619	32.06	ng	98
26) 2-Nitrophenol	7.45	139	30679	11.44	ng	# 62
28) bis(2-Chloroethoxy)methane	7.59	93	72340	10.65	ng	99
30) 1,2,4-Trichlorobenzene	7.77	180	112216	25.29	ng	99
31) Naphthalene	7.85	128	226522	14.43	ng	99
34) Hexachlorobutadiene	7.98	225	46357	18.47	ng	97
36) 4-Chloro-3-methylphenol	8.39	107	77473	16.28	ng	93
37) 2-Methylnaphthalene	8.54	142	208029	20.98	ng	98
42) 2,4,6-Trichlorophenol	8.82	196	50080m	17.13	ng	
43) 2,4,5-Trichlorophenol	8.86	196	92362m	31.62	ng	
46) 2-Chloronaphthalene	9.02	162	213535	23.53	ng	93
48) Acenaphthylene	9.43	152	138790	8.55	ng	99
50) 2,6-Dinitrotoluene	9.37	165	87296	38.50	ng	# 74
54) Dibenzofuran	9.77	168	485026	37.25	ng	92
56) 2,4-Dinitrotoluene	9.76	165	73677	24.52	ng	# 65
57) Fluorene	10.12	166	171160	17.09	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	118122	27.87	ng	87
66) 4-Bromophenyl-phenylether	10.60	248	107892	41.69	ng	# 68
67) Hexachlorobenzene	10.65	284	22481	8.58	ng	# 83
69) Pentachlorophenol	10.85	266	26481	16.84	ng	98
71) Anthracene	11.11	178	393607	25.91	ng	99
73) Di-n-butylphthalate	11.63	149	722592	40.83	ng	99
74) Fluoranthene	12.23	202	153673	9.12	ng	91
77) Pyrene	12.46	202	467682	27.77	ng	99
79) Butylbenzylphthalate	13.10	149	190425	26.31	ng	# 65
80) Benzo(a)anthracene	13.65	228	300924	21.66	ng	98
82) Chrysene	13.68	228	453898	36.25	ng	100

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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.28	149	150948	10.71	ng	98
85) Indeno(1,2,3-cd)pyrene	16.15	276	158855	18.07	ng	99
87) Benzo(b)fluoranthene	14.63	252	259496m	23.13	ng	
88) Benzo(k)fluoranthene	14.67	252	318154m	30.43	ng	
89) Benzo(a)pyrene	14.93	252	128943	13.19	ng	# 97
91) Benzo(g,h,i)perylene	16.51	276	123750	16.01	ng	# 95

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

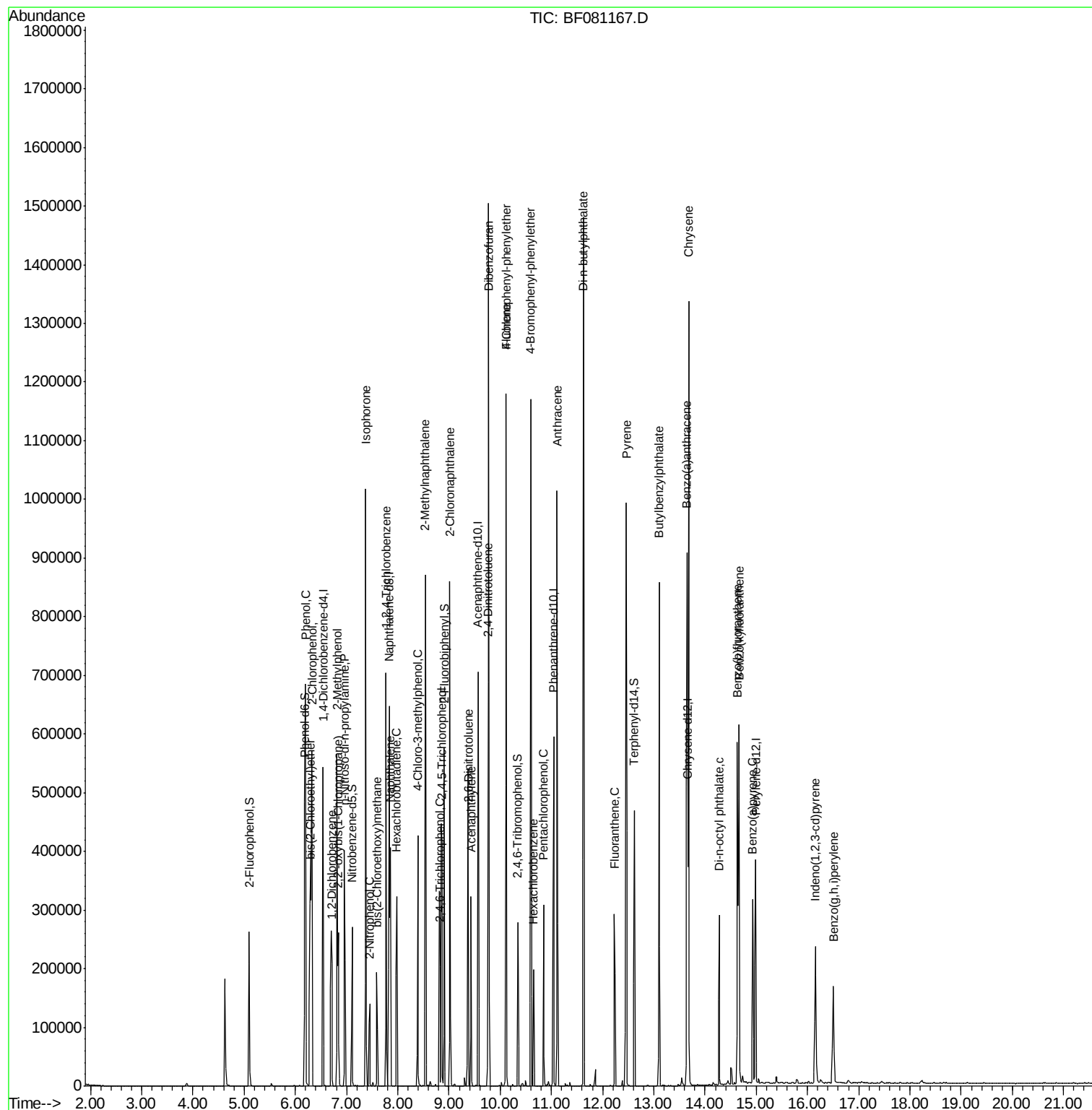
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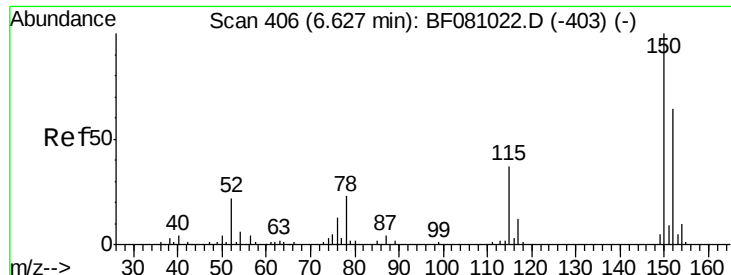
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#1

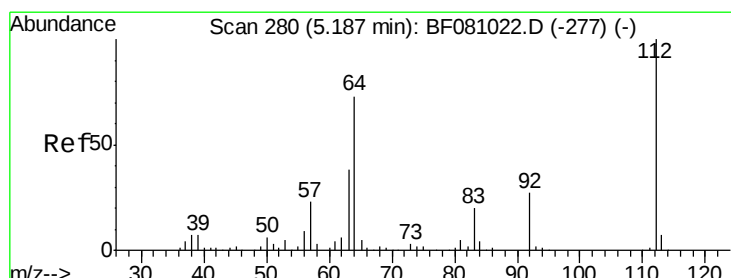
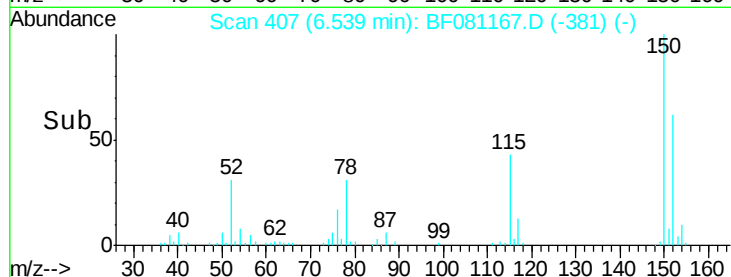
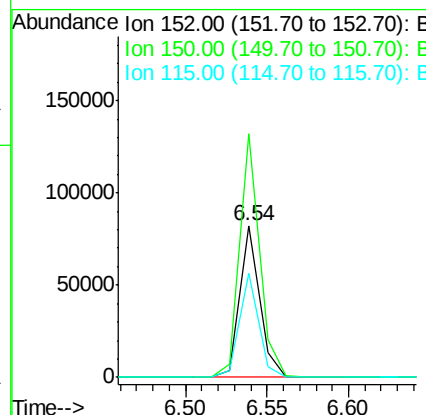
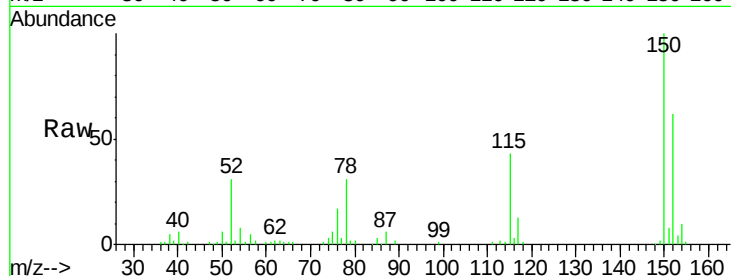
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	68967		
150	160.2	123.8	185.6	
115	68.4	52.1	78.1	

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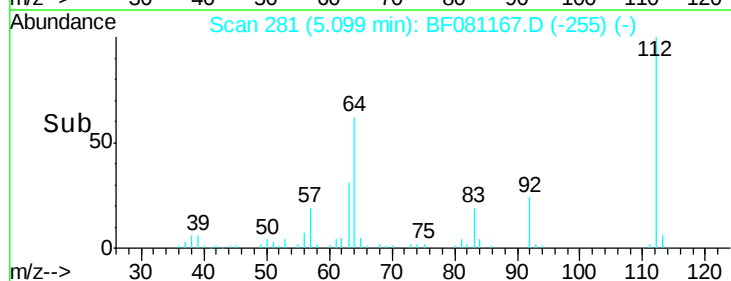
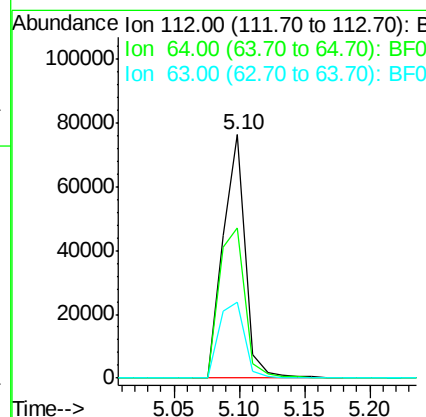
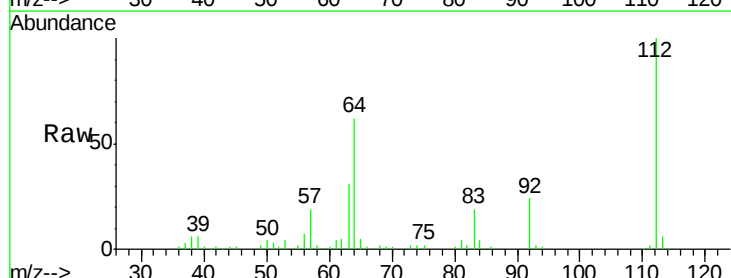
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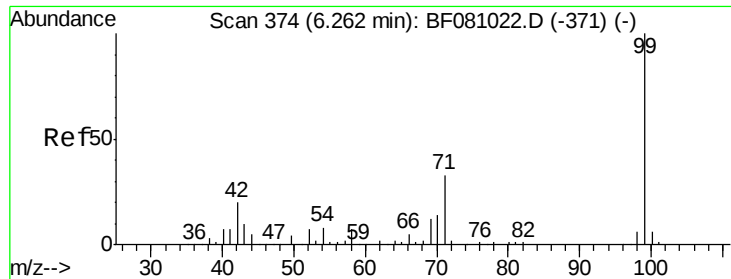


#5

2-Fluorophenol
Concen: 19.76 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	90597		
64	61.5	66.9	100.3#	
63	31.0	38.1	57.1#	





#7

Phenol-d6

Concen: 23.17 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

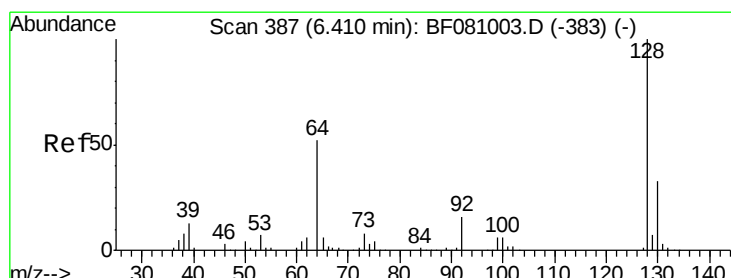
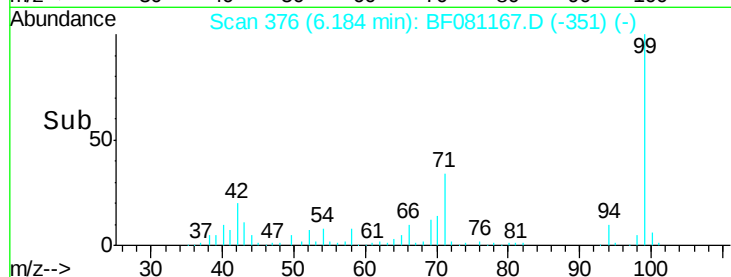
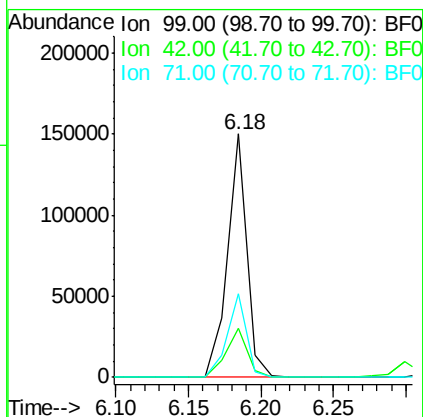
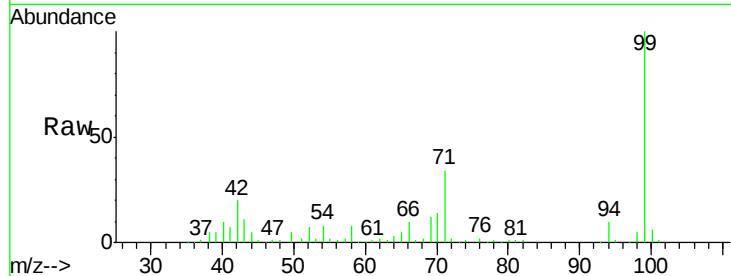
ClientSampleId :

8524DL

Tgt Ion:	99	Resp:	138627
Ion Ratio	Lower	Upper	
99	100		
42	20.1	19.6	29.4
71	34.2	31.2	46.8

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#8

2-Chlorophenol

Concen: 27.14 ng

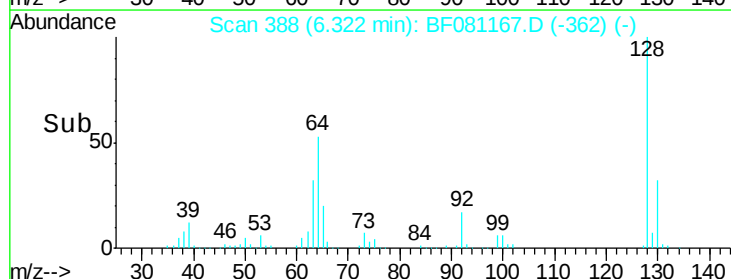
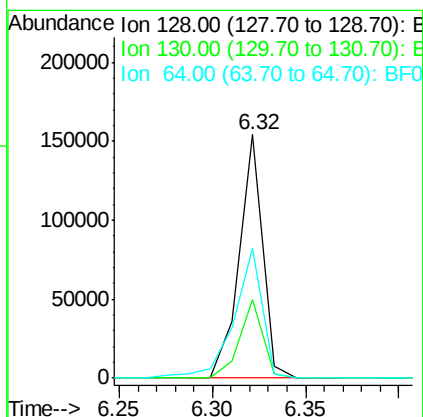
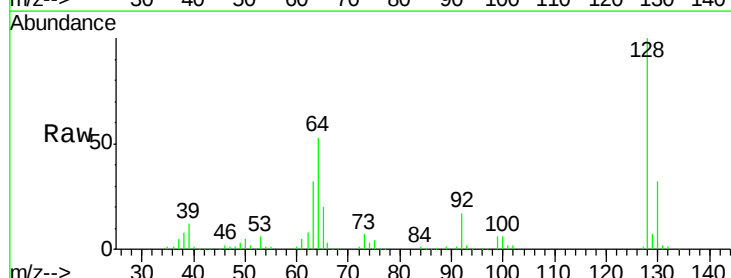
RT: 6.32 min Scan# 388

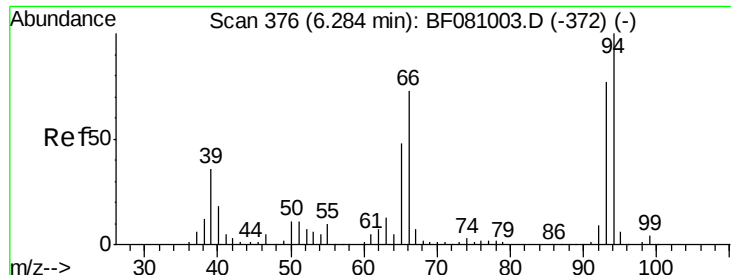
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion:	128	Resp:	136189
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	53.1	46.8	86.8





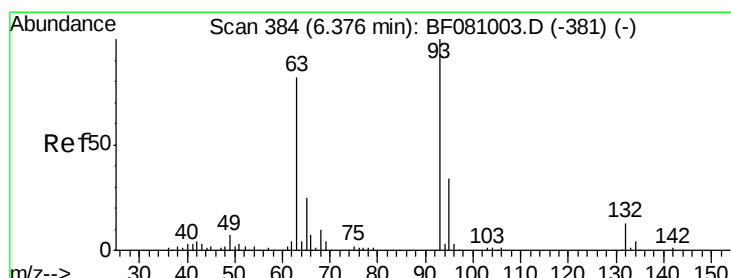
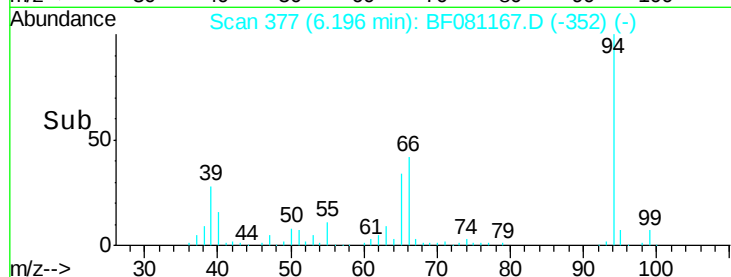
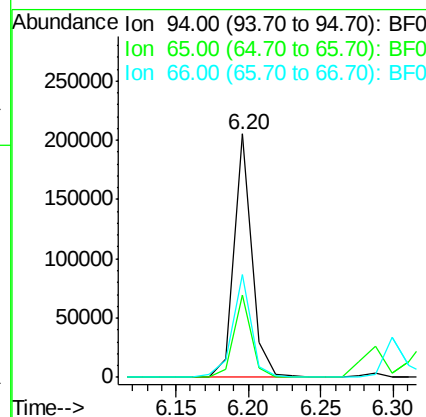
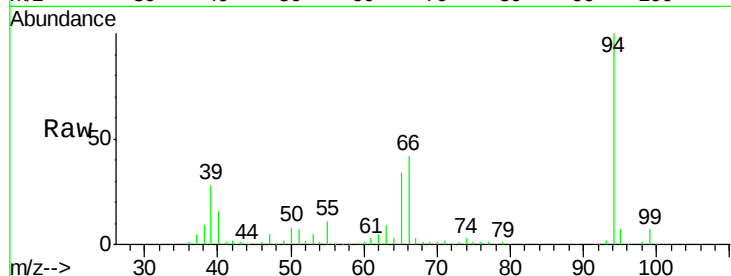
#10
Phenol
Concen: 24.75 ng
RT: 6.20 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampled :
8524DL

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	28.4	68.4
66	42.1	52.3	92.3#

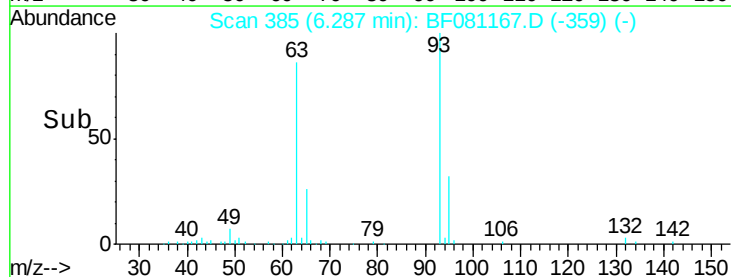
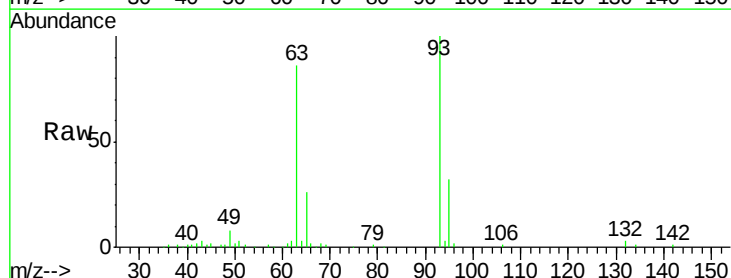
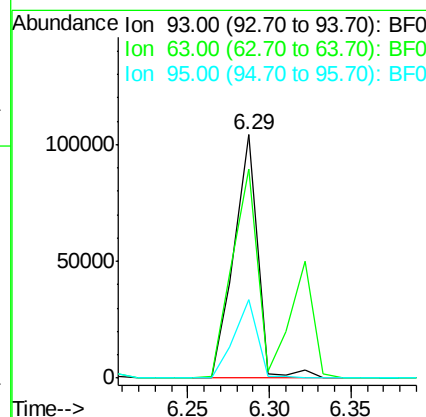
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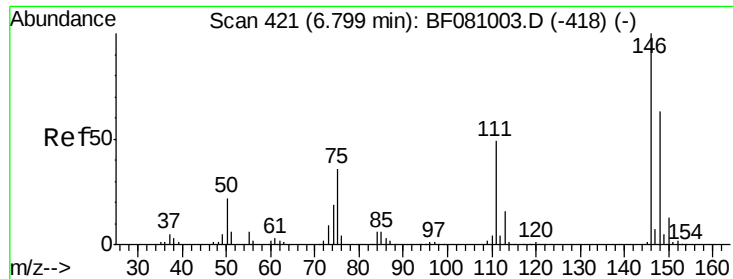
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#11
bis(2-Chloroethyl)ether
Concen: 19.20 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.8	69.6	109.6
95	32.3	12.3	52.3





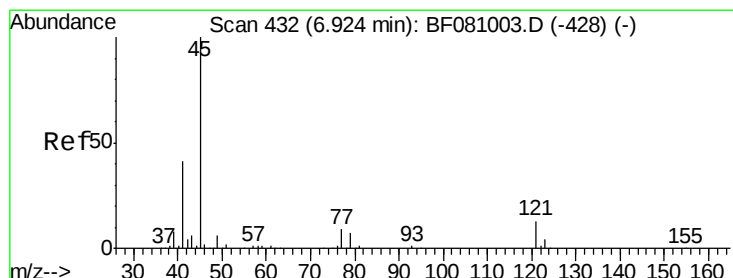
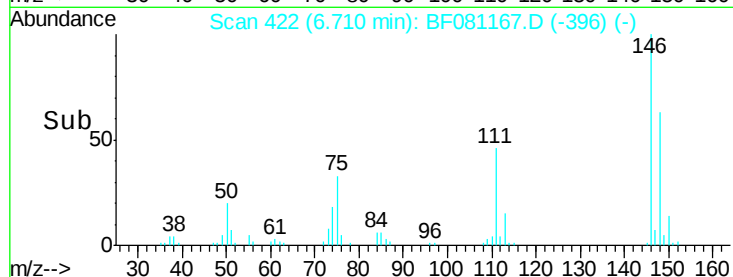
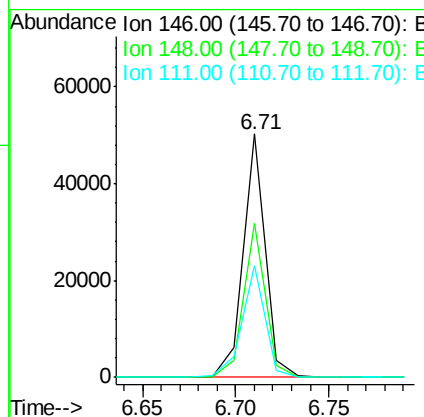
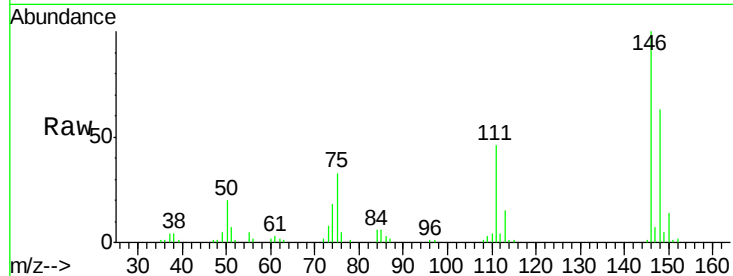
#14
 1,2-Dichlorobenzene
 Concen: 8.27 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	48.7	73.1
111	45.8	42.3	63.5

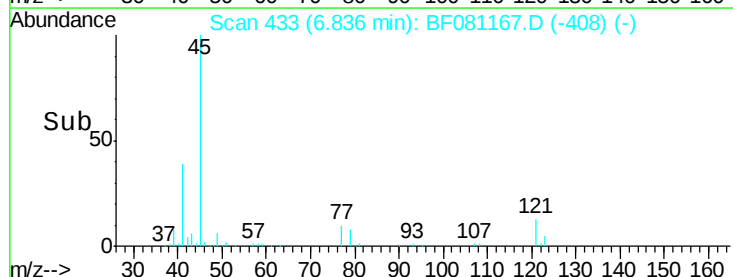
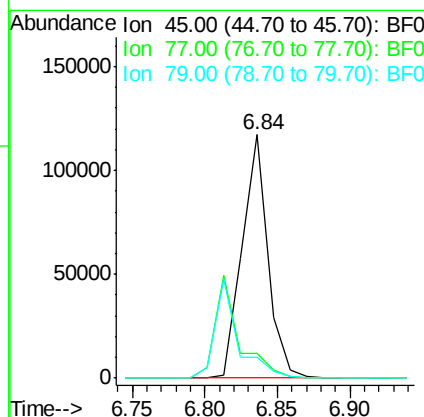
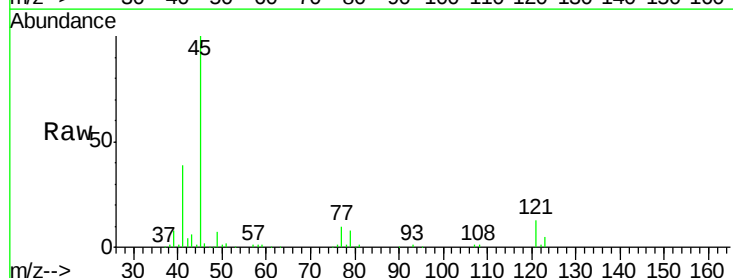
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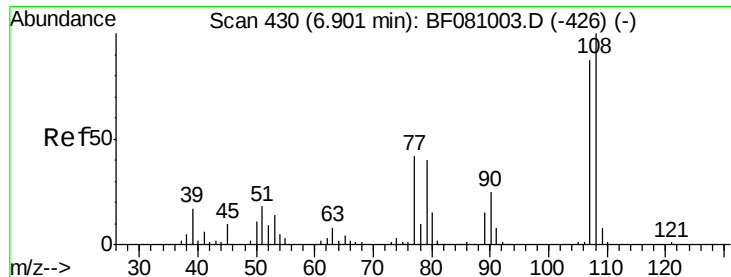
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#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 13.50 ng
 RT: 6.84 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	30.2
79	8.3	0.0	28.0





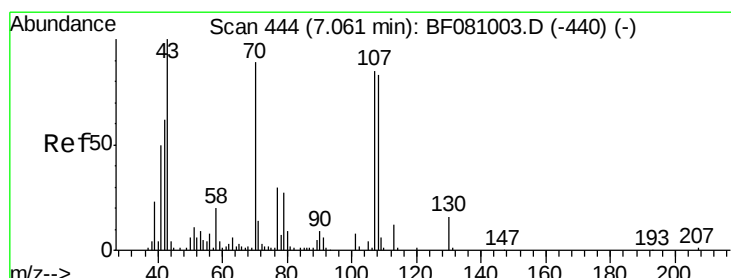
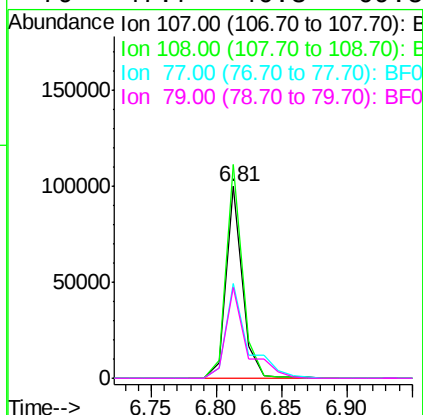
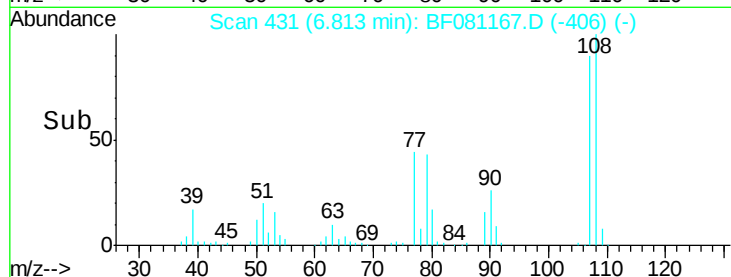
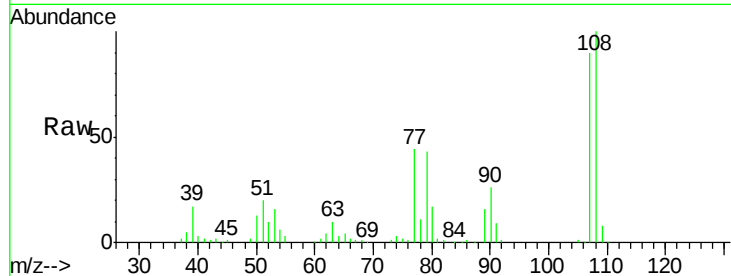
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 2-Methylphenol
 Concen: 20.28 ng
 RT: 6.81 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
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Tgt Ion:	107	Resp:	87341
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.4	135.6
77	49.5	46.5	69.7
79	47.7	46.3	69.5

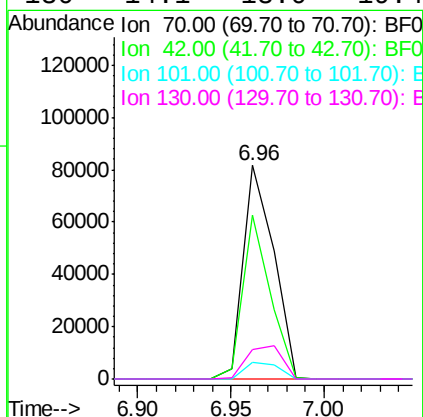
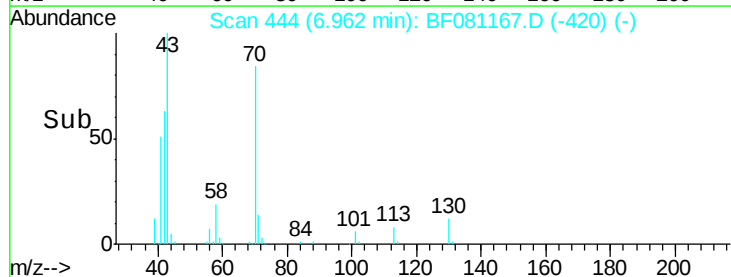
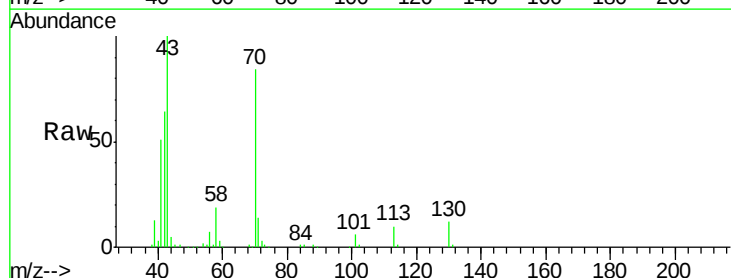
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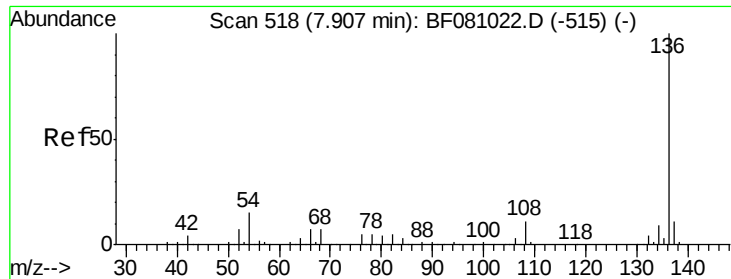
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#19
 n-Nitroso-di-n-propylamine
 Concen: 22.44 ng
 RT: 6.96 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion:	70	Resp:	92995
Ion	Ratio	Lower	Upper
70	100		
42	77.0	65.0	97.4
101	7.6	7.4	11.2
130	14.1	13.0	19.4





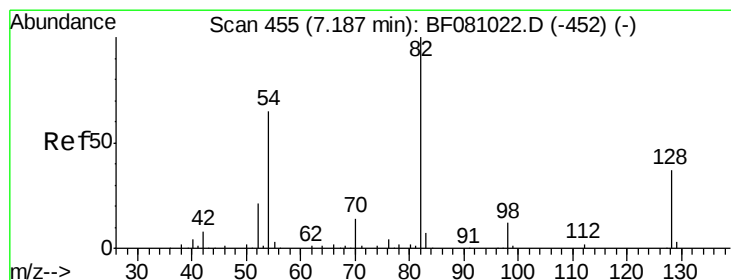
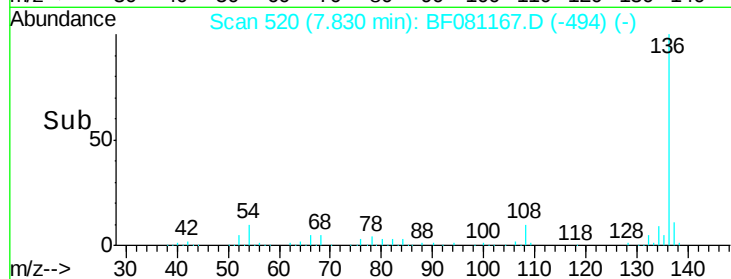
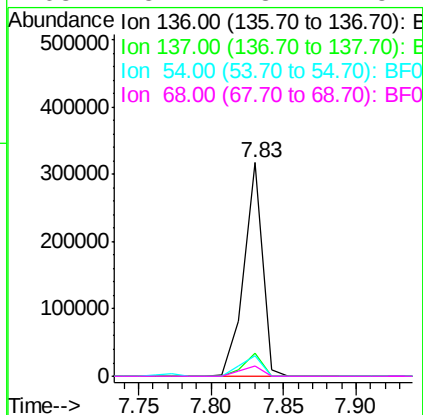
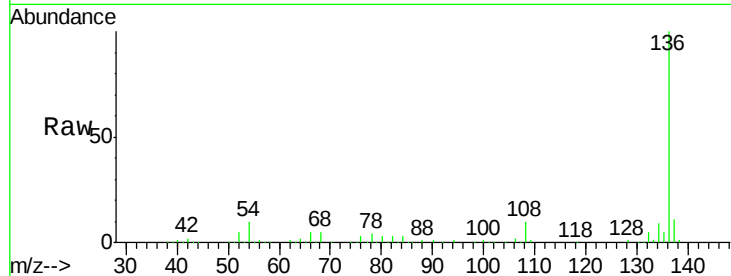
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Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	281637		
137	10.5	8.2	12.2	
54	9.6	7.7	11.5	
68	5.1	3.4	5.2	

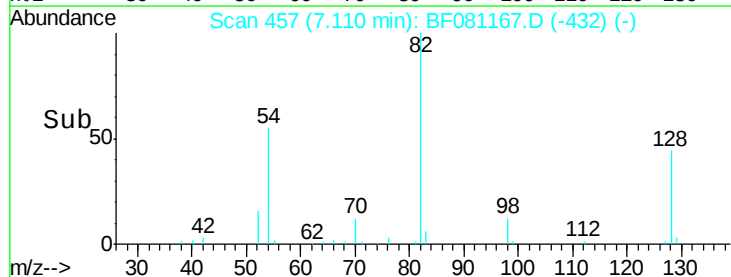
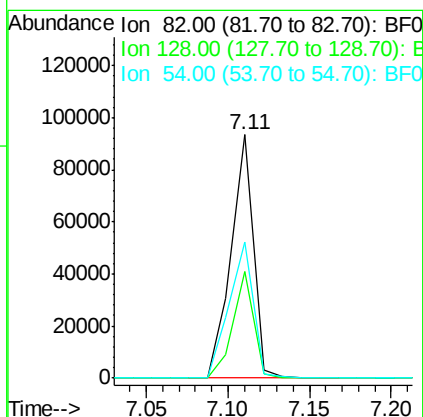
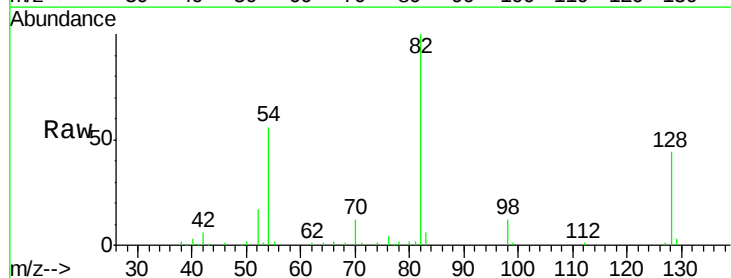
Manual Integrations
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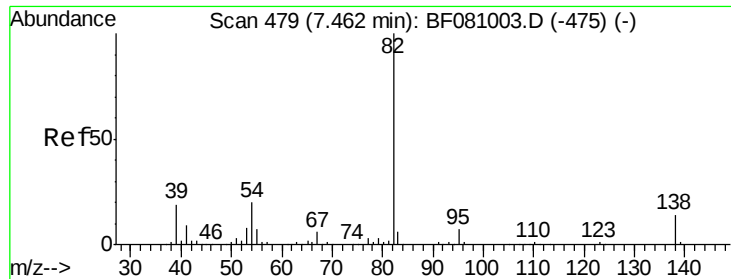
MMDadoda
8/25/2015 12:38:25 PM



#23
Nitrobenzene-d5
Concen: 14.29 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	88119		
128	43.8	28.6	42.8#	
54	55.8	55.1	82.7	





#25

Isophorone

Concen: 32.06 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

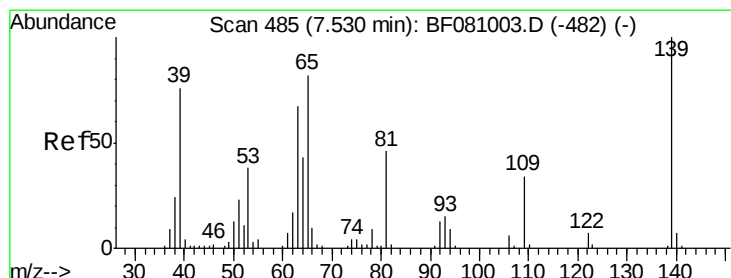
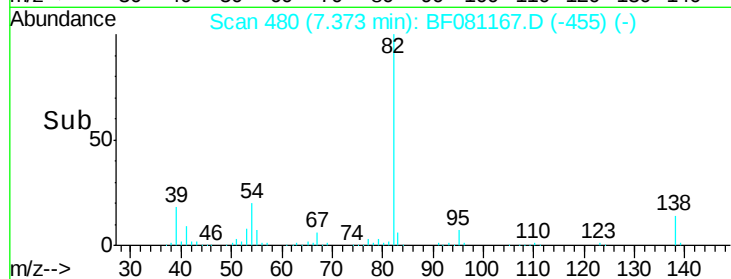
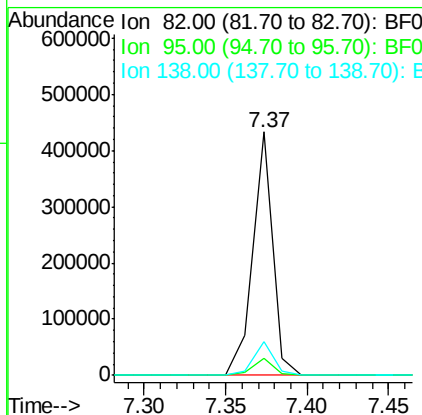
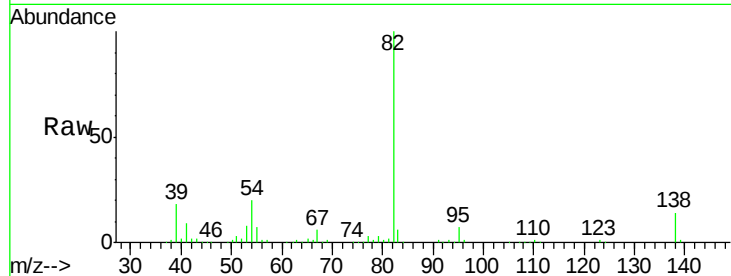
ClientSampleID :

8524DL

Tgt Ion:	82	Resp:	368619
Ion Ratio		Lower	Upper
82	100		
95	7.2	6.2	9.2
138	14.0	10.5	15.7

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#26

2-Nitrophenol

Concen: 11.44 ng

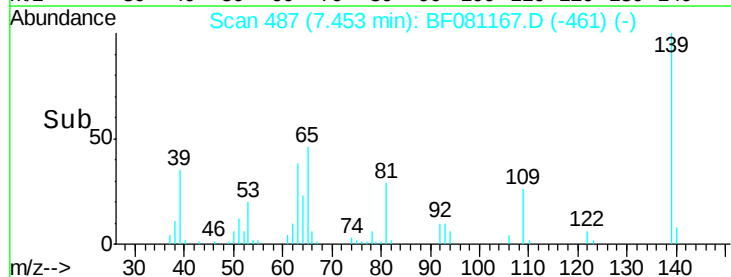
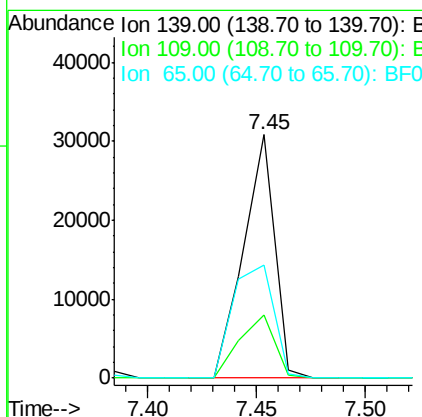
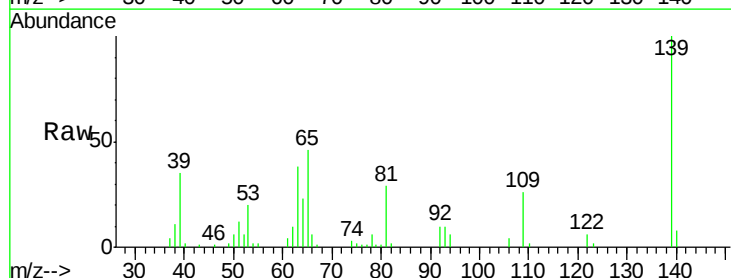
RT: 7.45 min Scan# 487

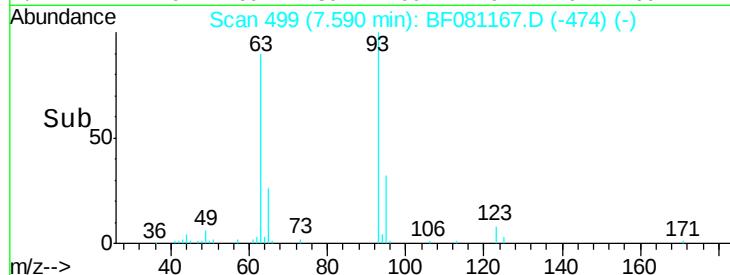
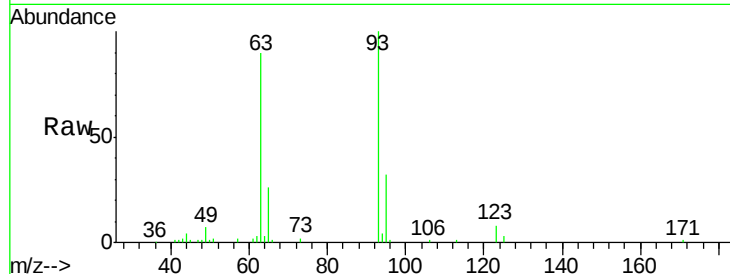
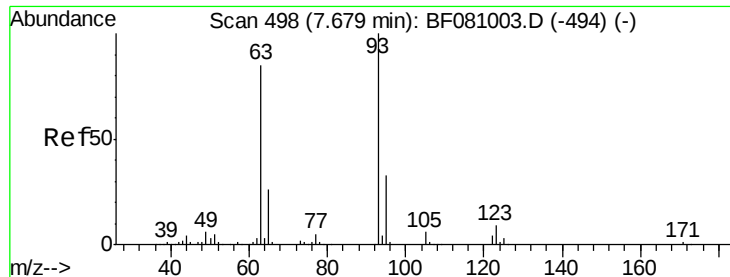
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion:	139	Resp:	30679
Ion Ratio		Lower	Upper
139	100		
109	26.1	32.1	48.1#
65	46.2	69.9	104.9#





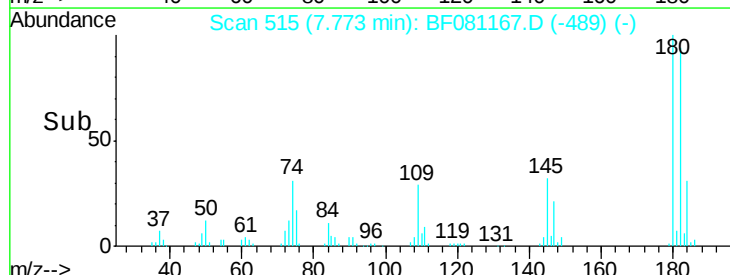
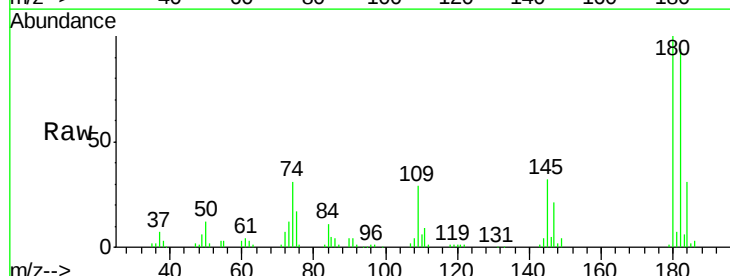
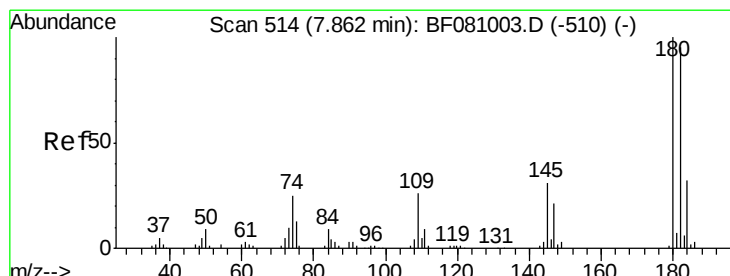
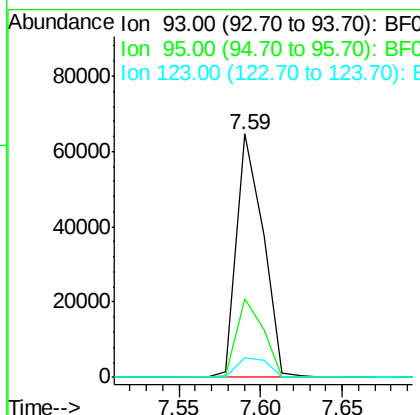
#28
bis(2-Chloroethoxy)methane
Concen: 10.65 ng
RT: 7.59 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	72340		
95	32.2	25.8	38.8	
123	8.2	7.4	11.0	

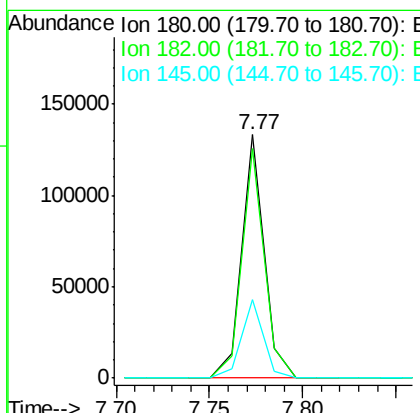
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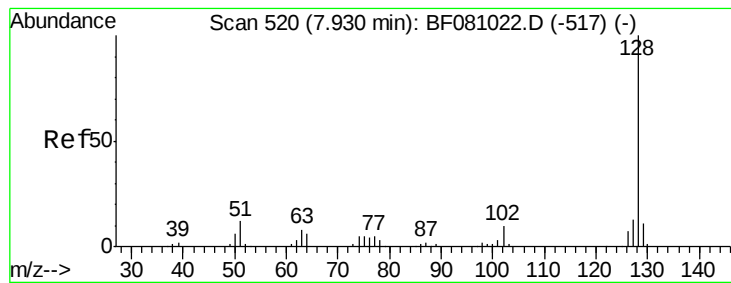
MMDadoda
8/25/2015 12:38:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 25.29 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112216		
182	94.4	76.4	114.6	
145	32.3	25.4	38.2	





#31

Naphthalene

Concen: 14.43 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081167.D

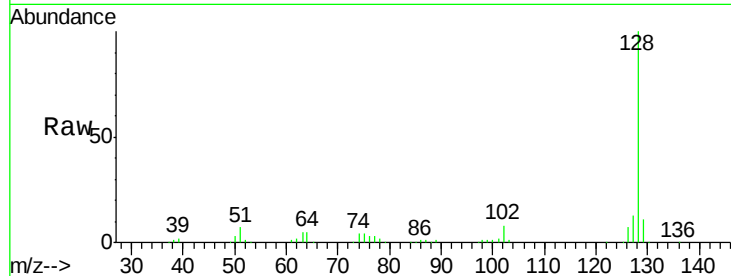
Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

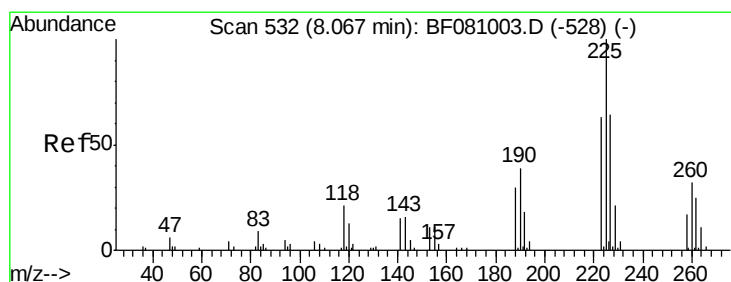
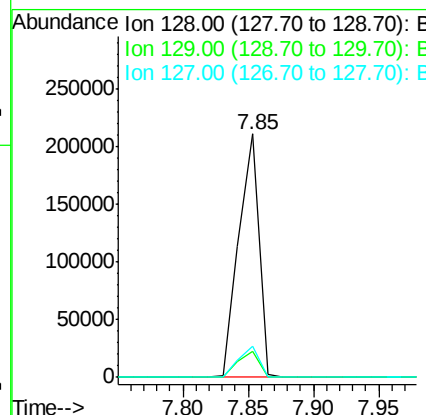
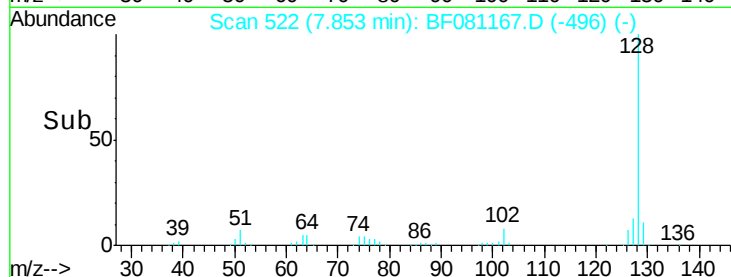
8524DL



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	226522		
129	10.7	8.4	12.6	
127	12.9	10.6	16.0	

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#34

Hexachlorobutadiene

Concen: 18.47 ng

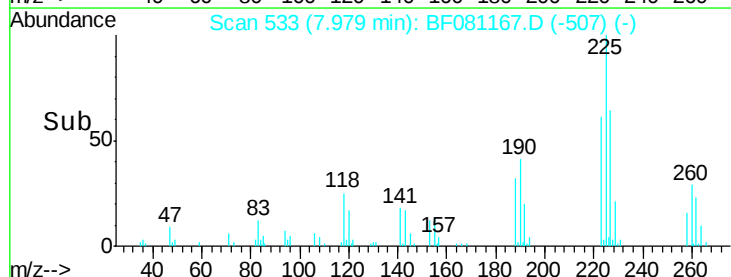
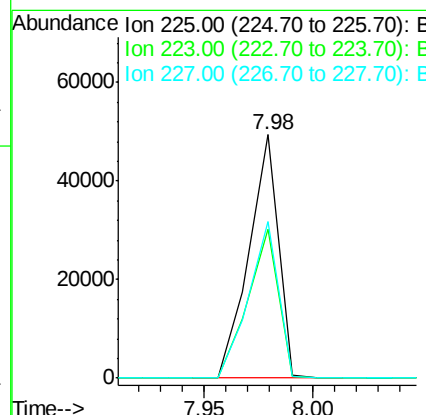
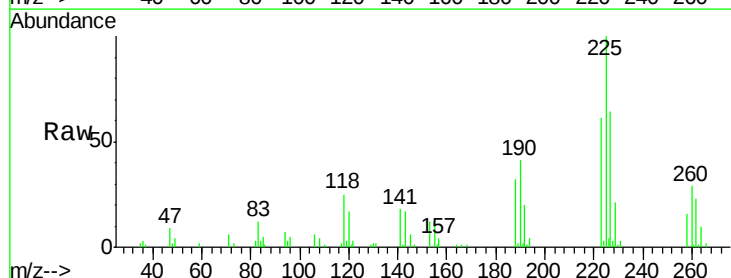
RT: 7.98 min Scan# 533

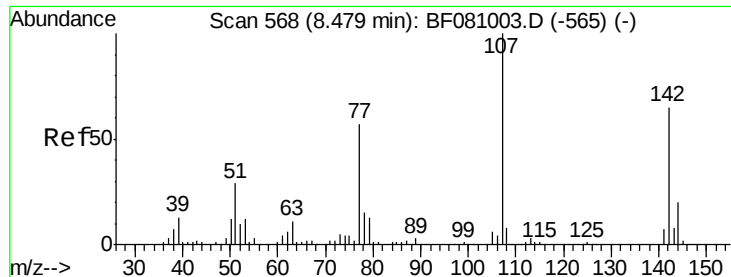
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46357		
223	61.2	52.6	79.0	
227	64.4	51.1	76.7	





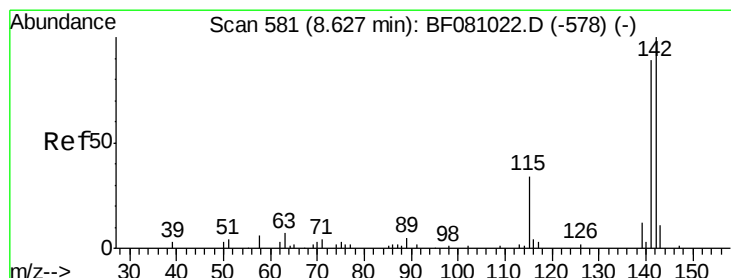
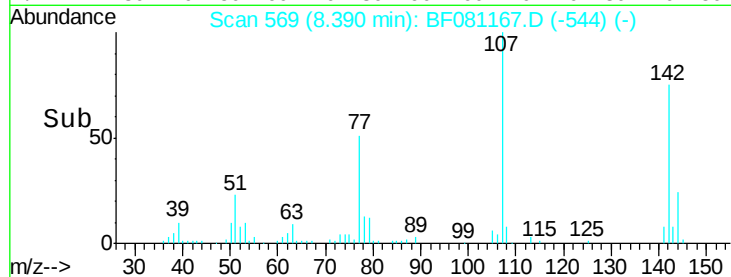
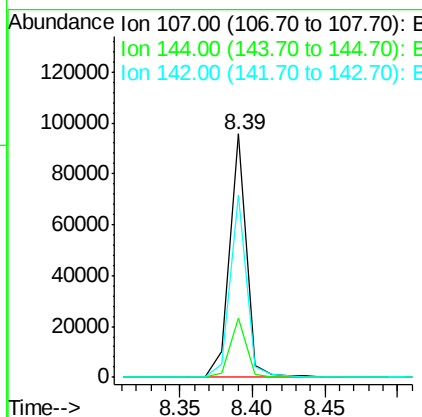
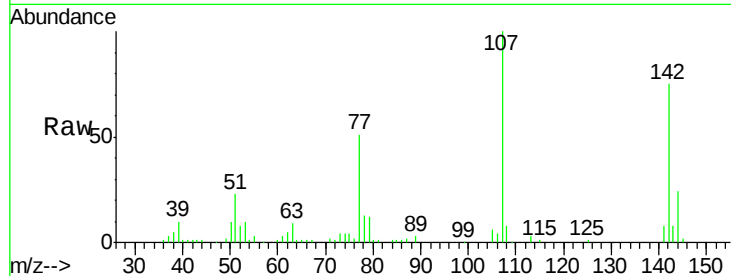
#36
 4-Chloro-3-methylphenol
 Concen: 16.28 ng
 RT: 8.39 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Tgt Ion:107 Resp: 77473
 Ion Ratio Lower Upper
 107 100
 144 24.2 17.2 25.8
 142 74.7 54.9 82.3

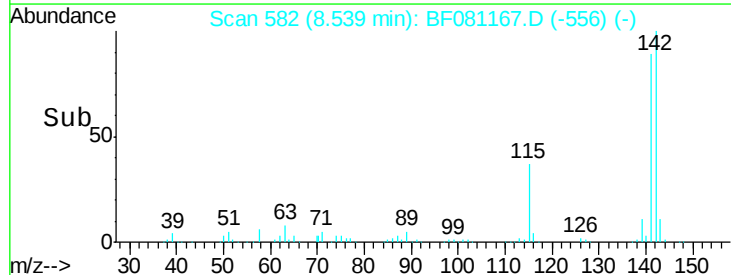
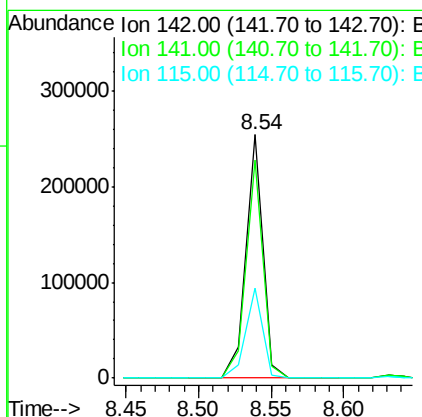
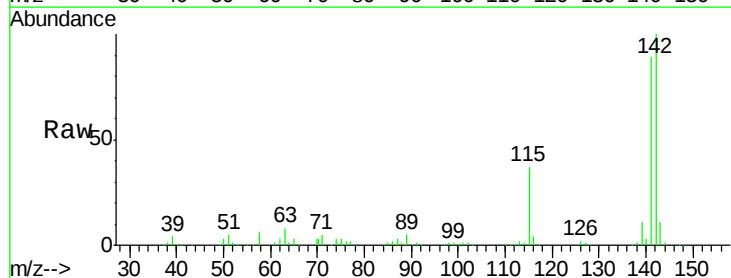
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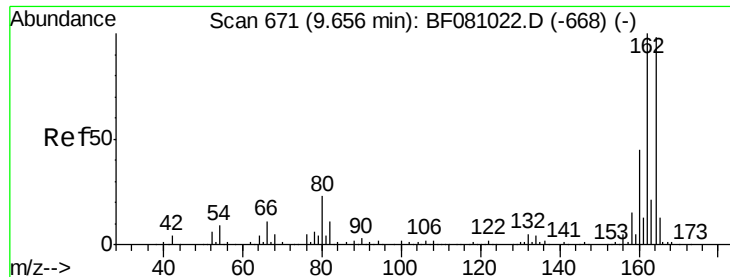
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#37
 2-Methylnaphthalene
 Concen: 20.98 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion:142 Resp: 208029
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 36.9 33.4 50.0





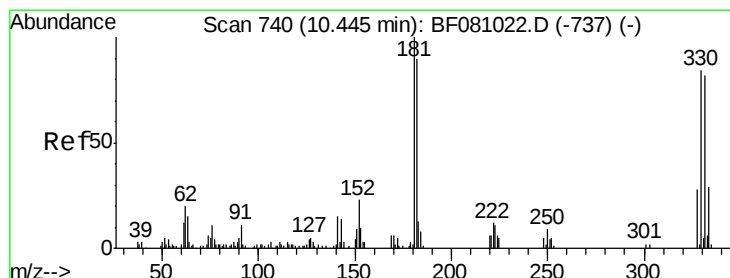
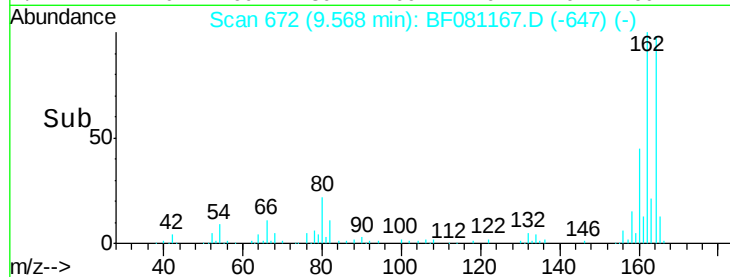
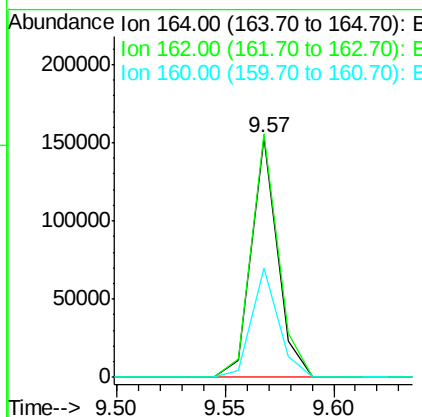
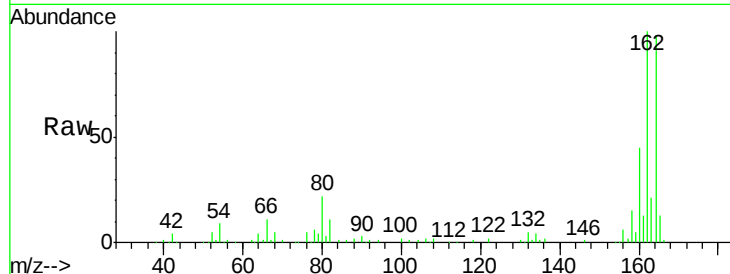
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128230		
162	101.6	83.8	125.8	
160	45.4	39.8	59.8	

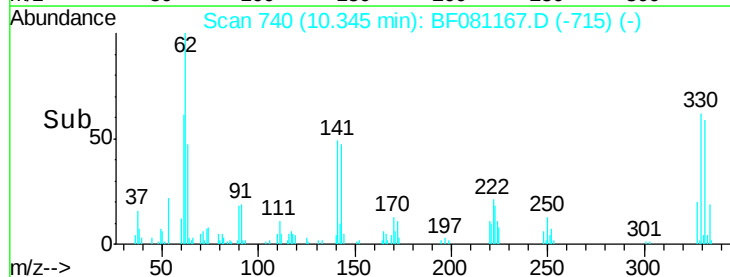
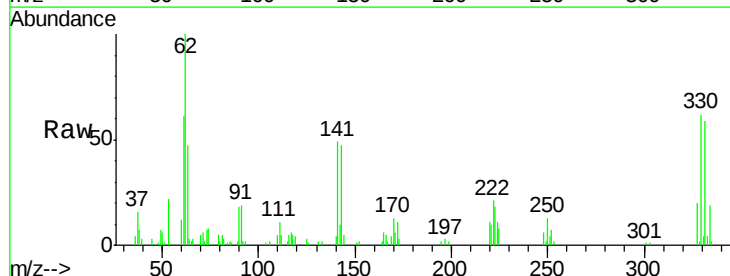
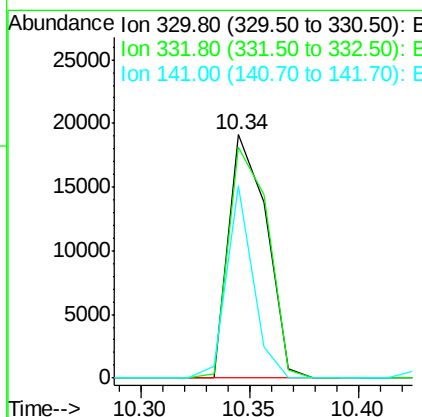
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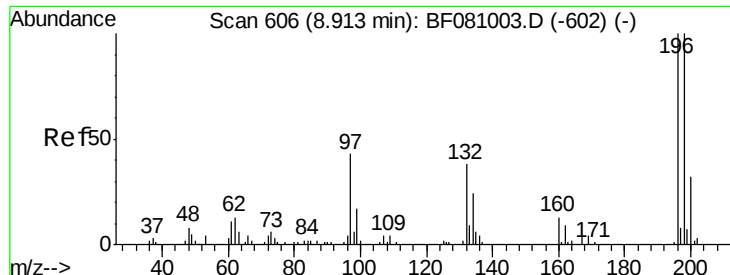
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#41
 2,4,6-Tribromophenol
 Concen: 20.78 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	23093		
332	99.1	77.3	115.9	
141	54.9	44.9	67.3	





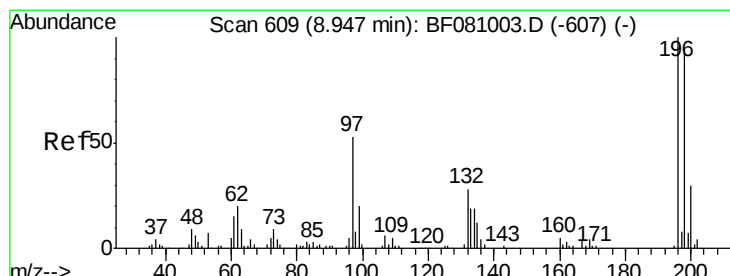
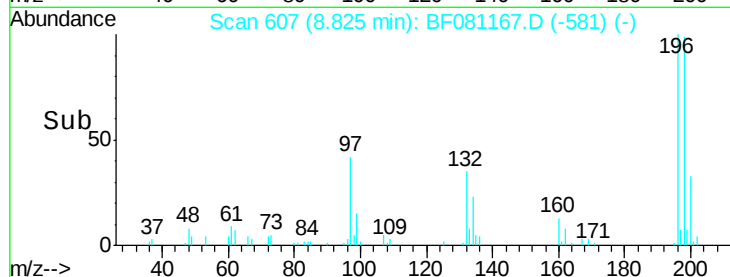
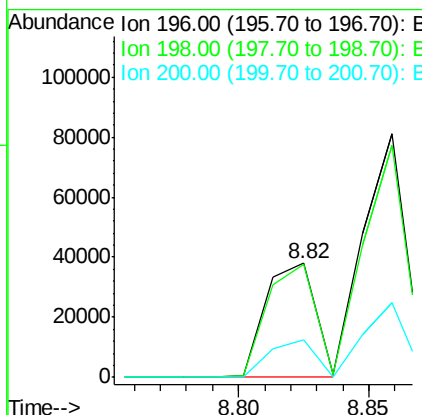
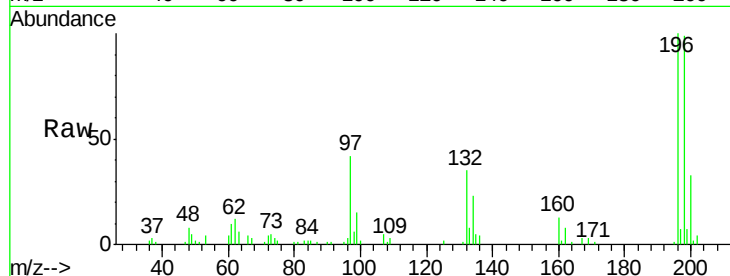
#42
 2,4,6-Trichlorophenol
 Concen: 17.13 ng m
 RT: 8.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampled :
 8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	50080		
198	98.7	74.6	111.8	
200	32.7	22.7	34.1	

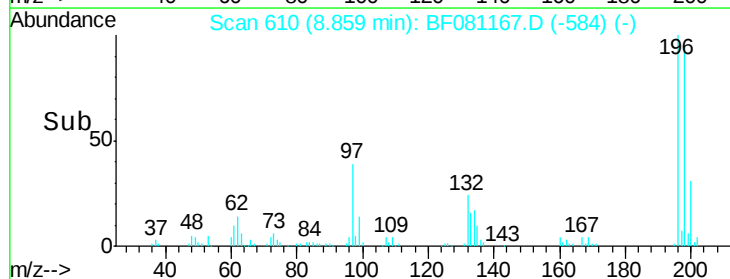
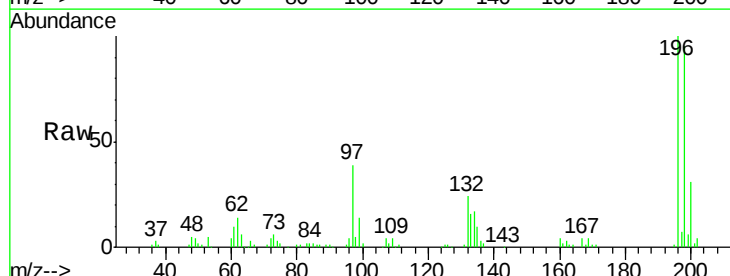
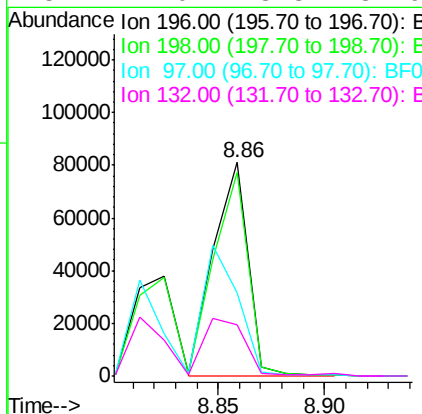
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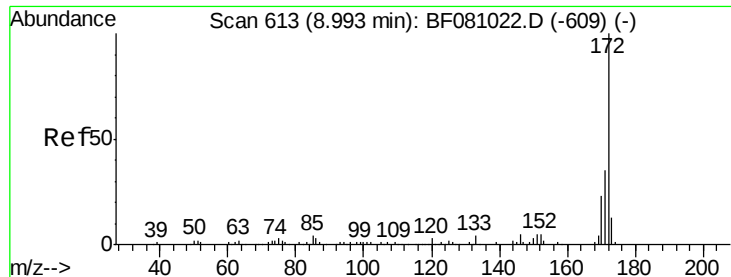
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#43
 2,4,5-Trichlorophenol
 Concen: 31.62 ng m
 RT: 8.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92362		
198	95.4	78.3	117.5	
97	38.9	42.7	64.1#	
132	24.0	23.3	34.9	





#44

2-Fluorobiphenyl

Concen: 16.27 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

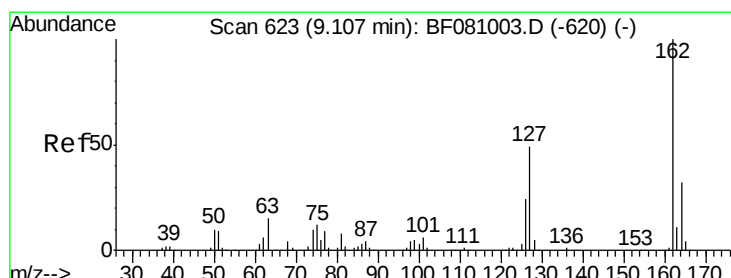
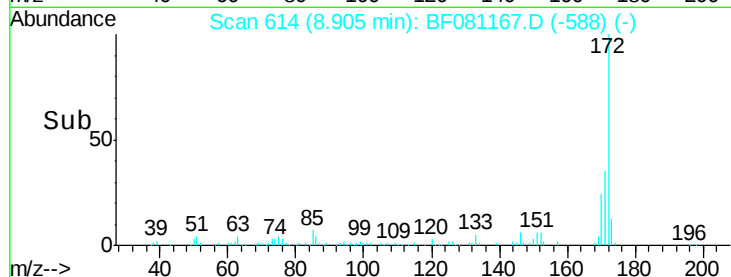
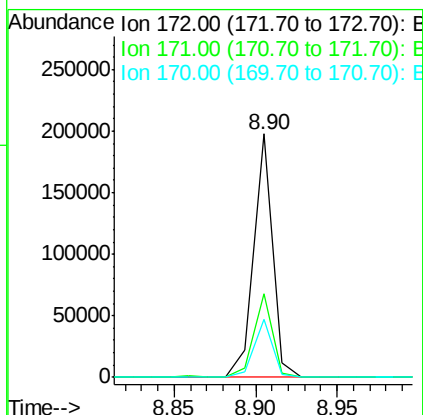
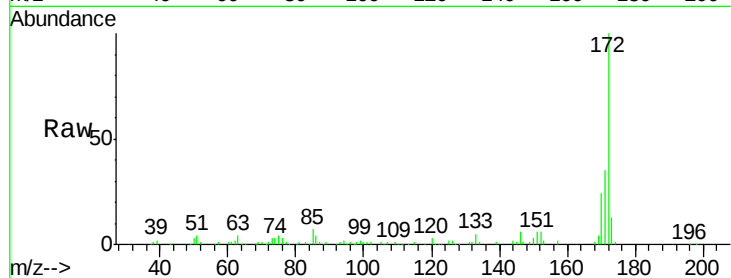
ClientSampled :

8524DL

Tgt Ion:	172	Resp:	159211
Ion Ratio		Lower	Upper
172	100		
171	34.5	28.9	43.3
170	23.6	19.4	29.2

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#46

2-Chloronaphthalene

Concen: 23.53 ng

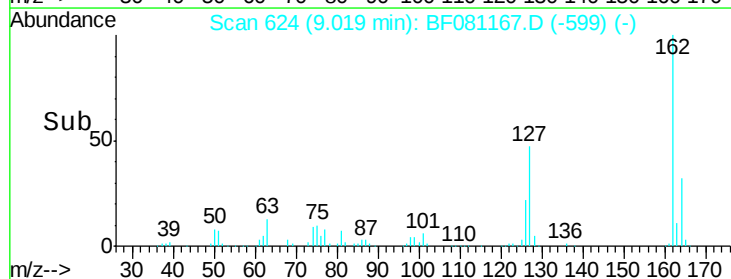
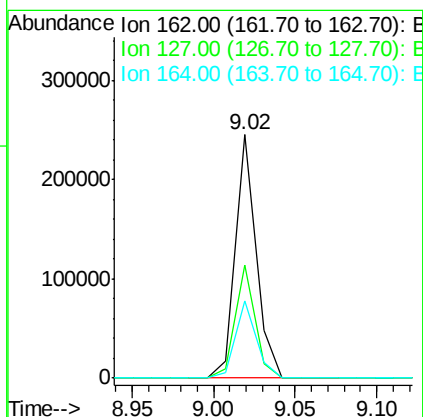
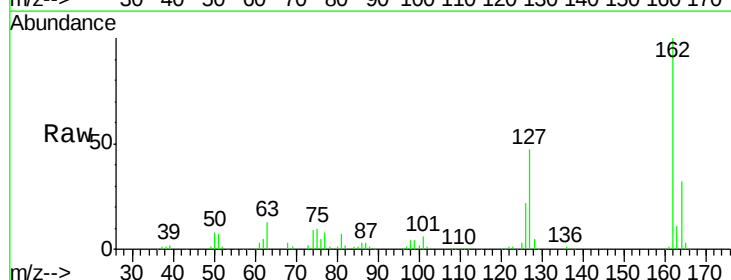
RT: 9.02 min Scan# 624

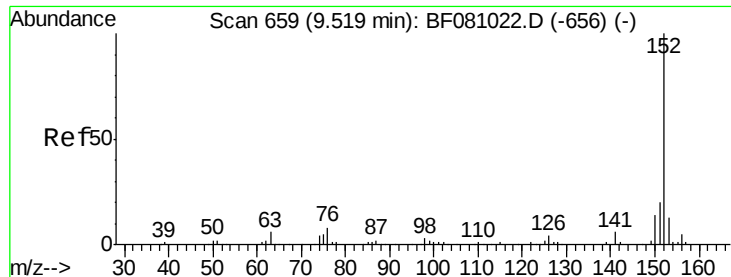
Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion:	162	Resp:	213535
Ion Ratio		Lower	Upper
162	100		
127	46.5	31.3	46.9
164	31.8	26.3	39.5





#48

Acenaphthylene

Concen: 8.55 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081167.D

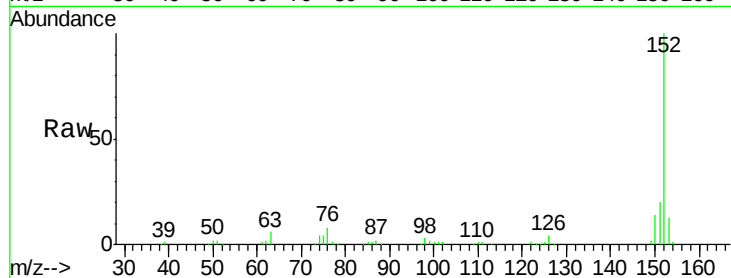
Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

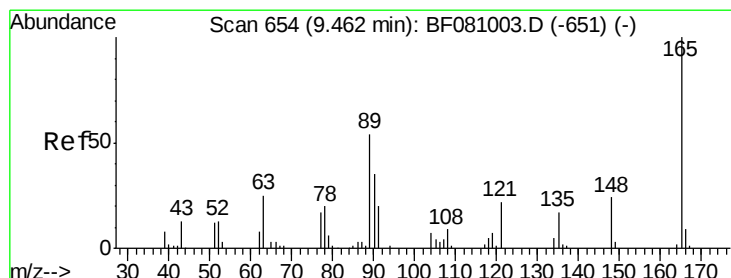
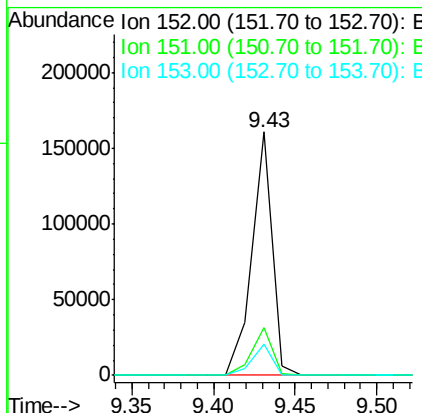
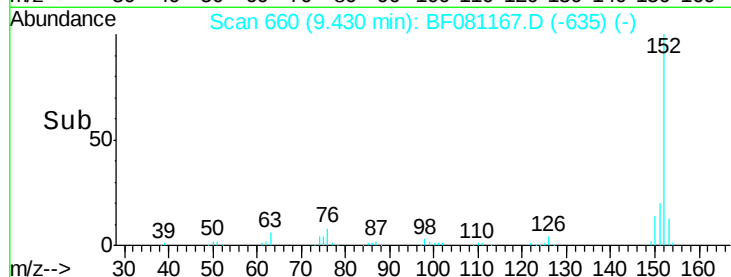
8524DL



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	138790		
151	19.6	16.1	24.1	
153	12.6	9.8	14.6	

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 38.50 ng

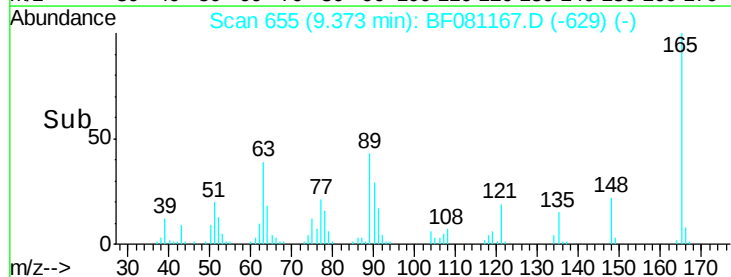
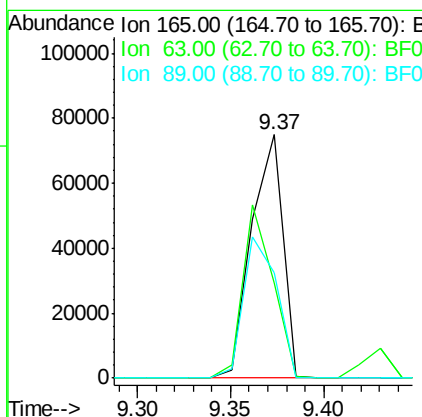
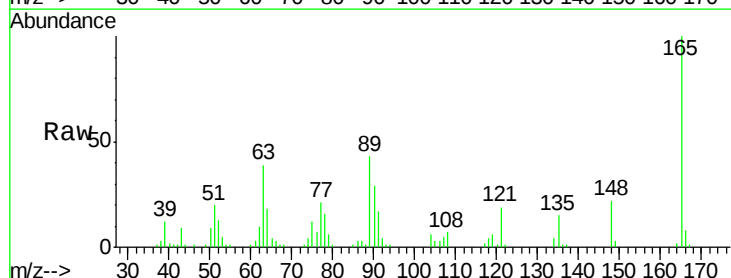
RT: 9.37 min Scan# 655

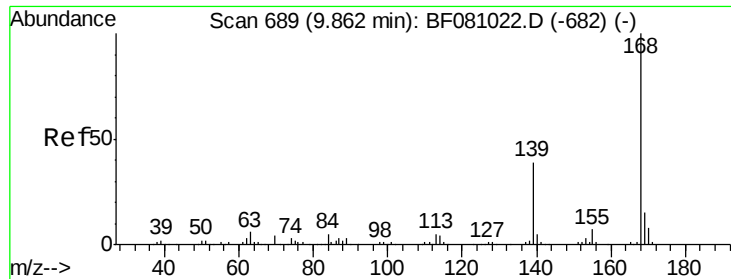
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87296		
63	39.1	49.5	74.3#	
89	43.2	47.6	71.4#	





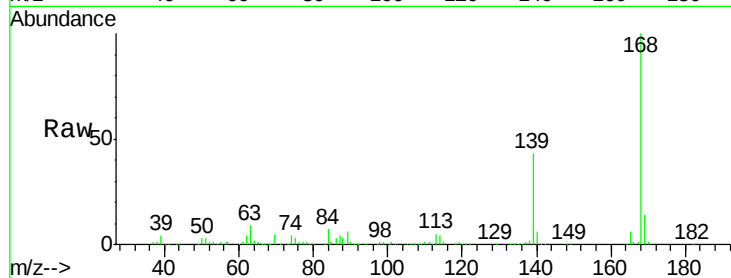
#54
Dibenzenofuran
Concen: 37.25 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

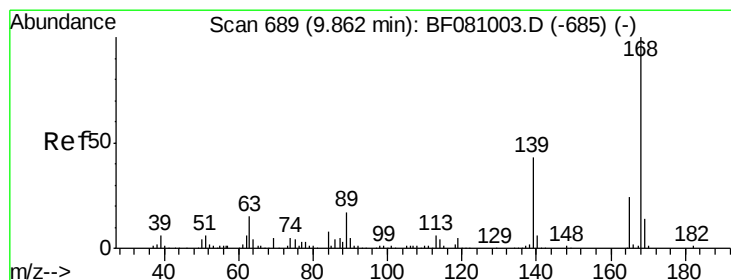
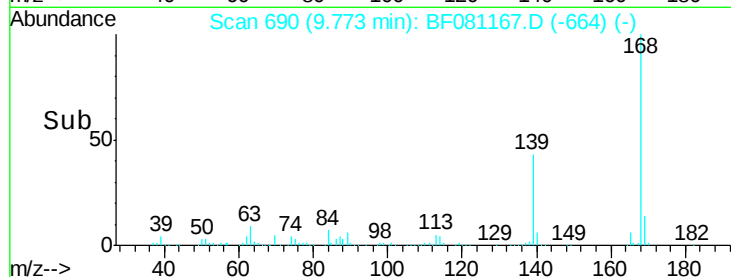
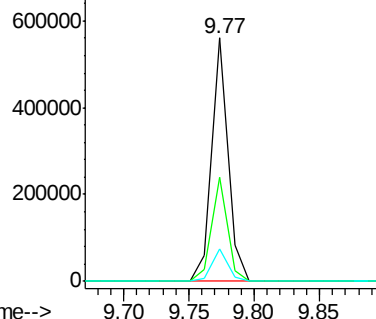
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	485026		
139	42.7	29.3	43.9	
169	13.6	10.3	15.5	

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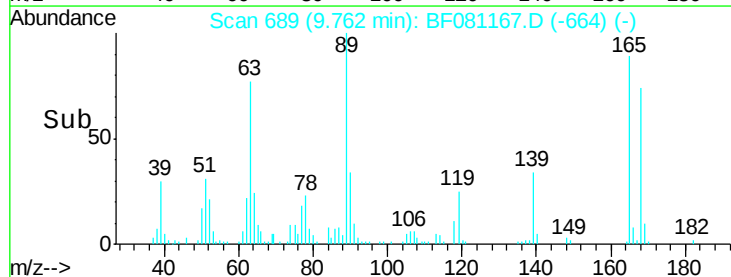
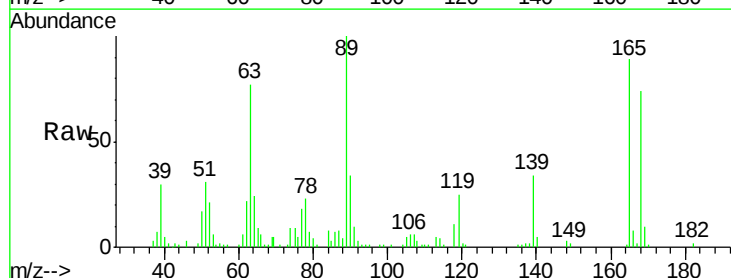
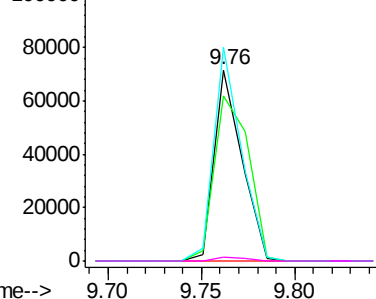
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

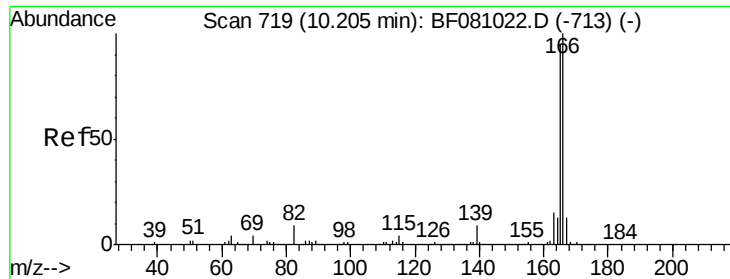


#56
2,4-Dinitrotoluene
Concen: 24.52 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73677		
63	86.2	52.2	78.4#	
89	111.9	60.1	90.1#	
182	2.1	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





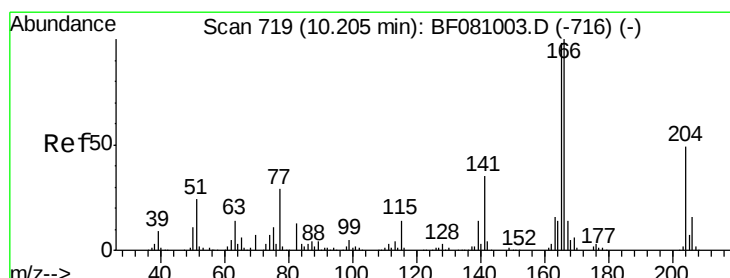
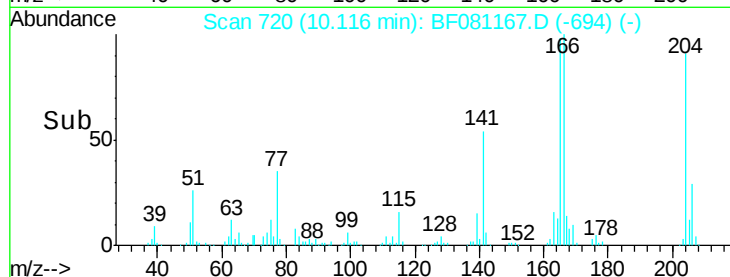
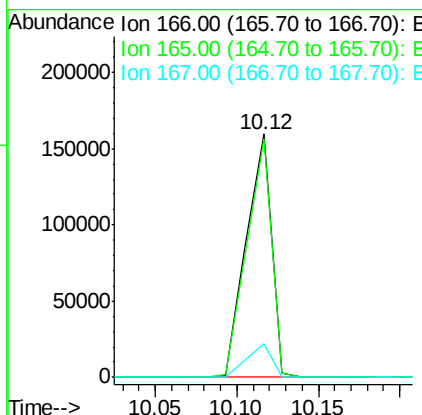
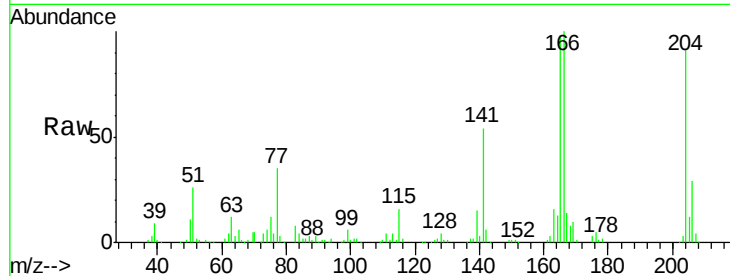
#57
Fluorene
 Concen: 17.09 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	171160		
165	98.0	75.8	113.8	
167	14.0	11.3	16.9	

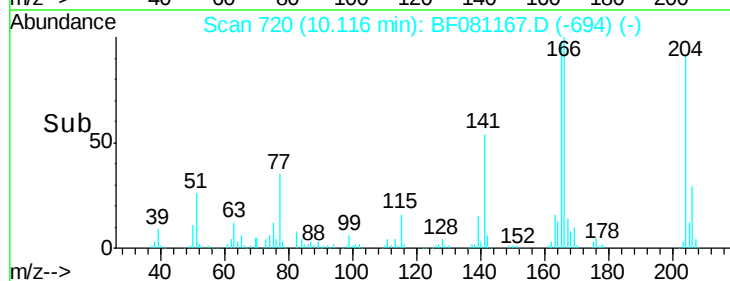
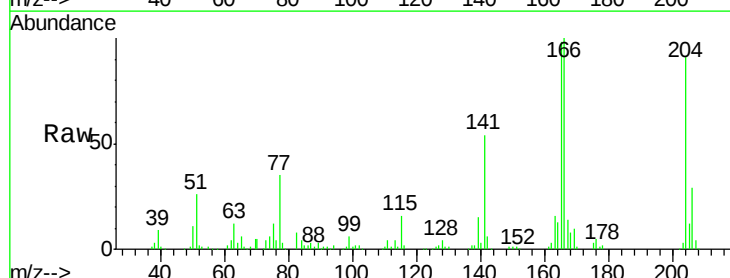
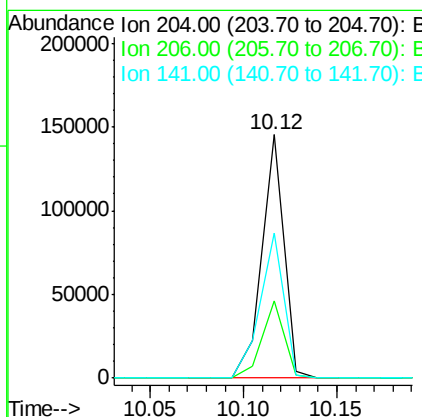
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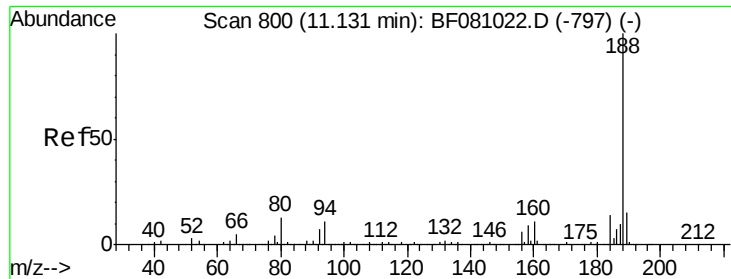
MMDadoda
 8/25/2015 12:38:25 PM



#60
4-Chlorophenyl-phenylether
 Concen: 27.87 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	118122		
206	31.9	26.2	39.2	
141	59.8	59.6	89.4	





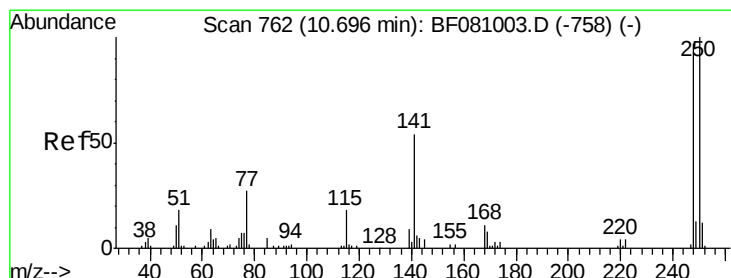
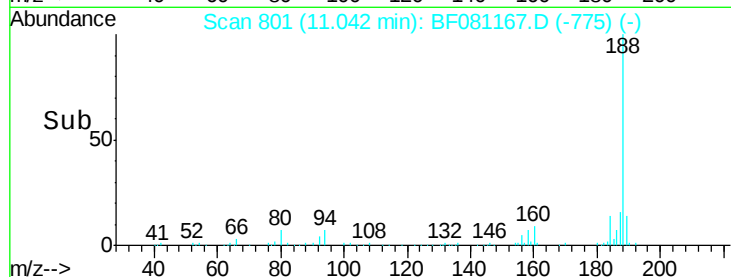
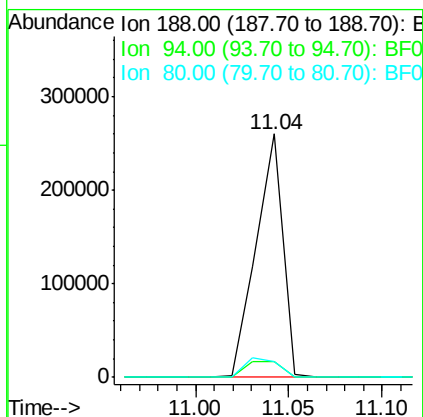
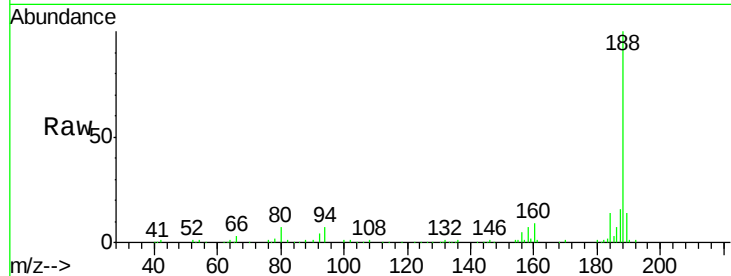
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	8.2	12.2#
80	6.7	9.5	14.3#

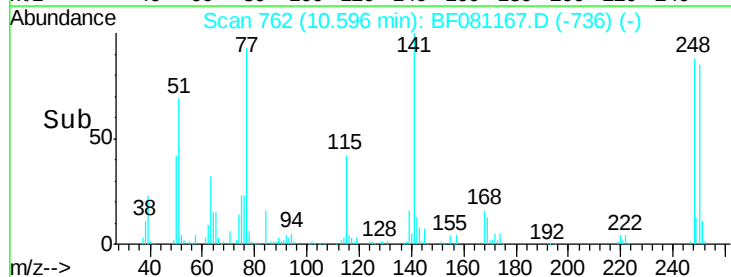
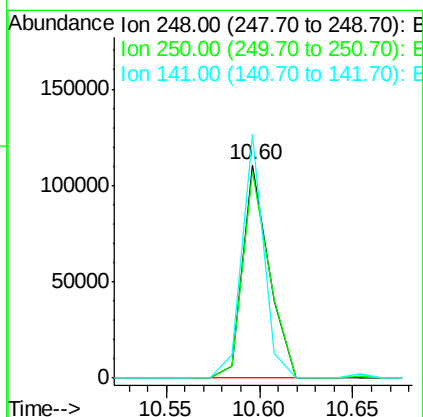
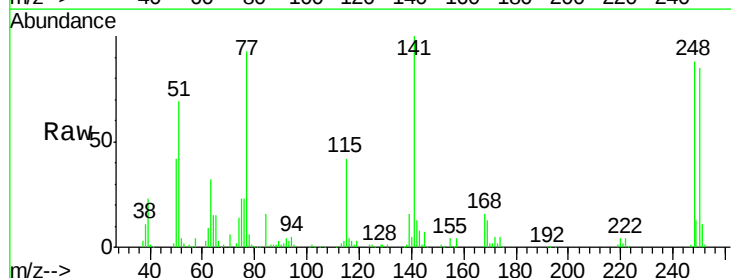
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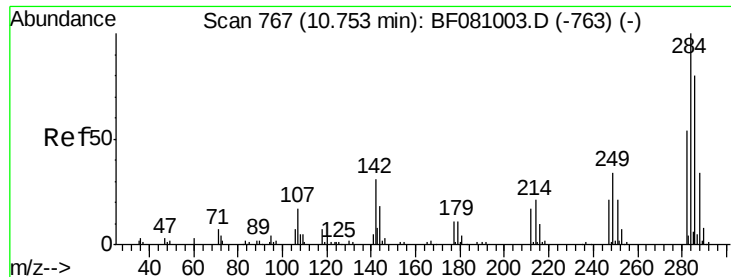
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#66
4-Bromophenyl-phenylether
Concen: 41.69 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.8	77.8	116.6
141	114.1	39.8	59.6#





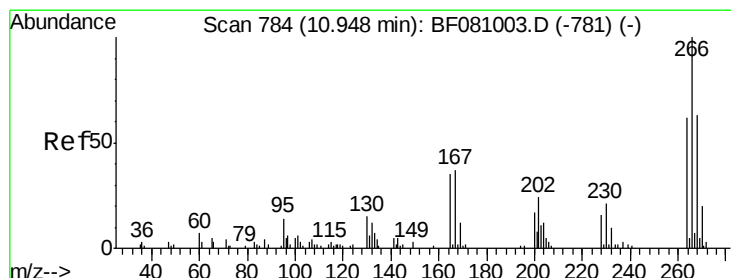
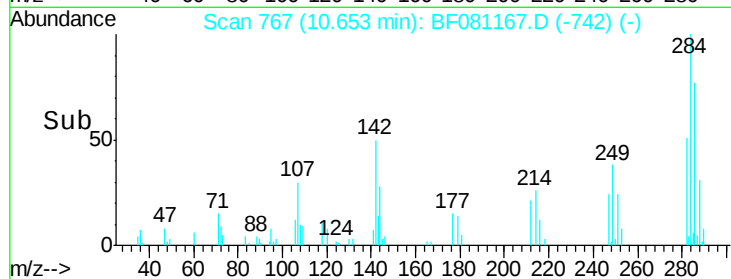
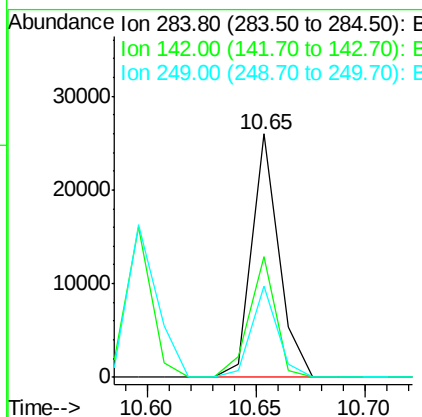
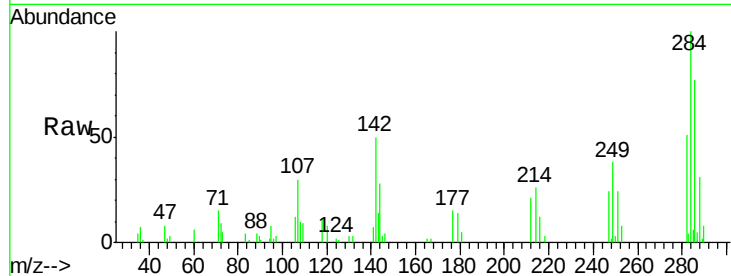
#67
Hexachlorobenzene
Concen: 8.58 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	49.7	25.4	38.0#
249	37.7	28.5	42.7

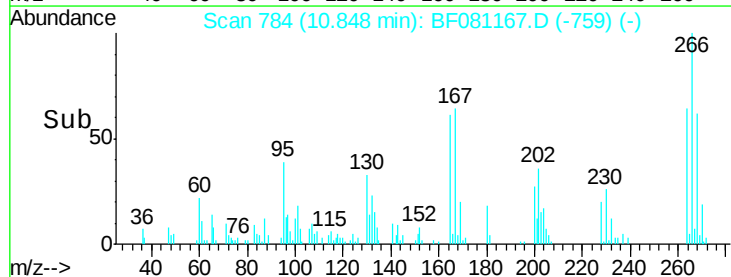
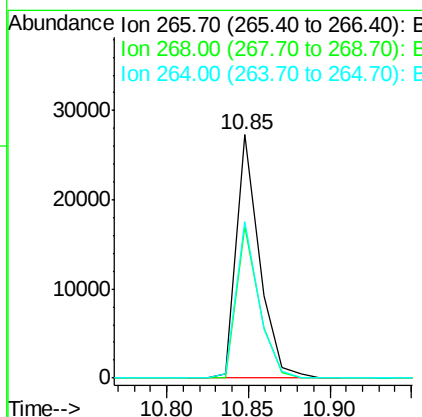
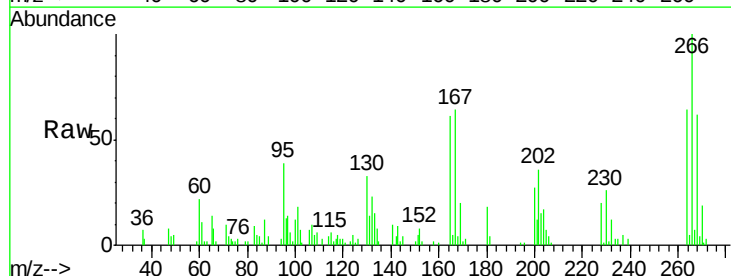
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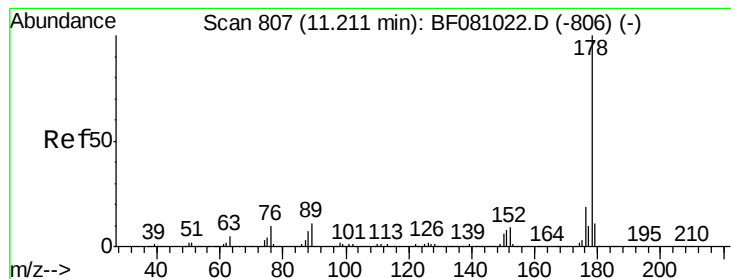
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#69
Pentachlorophenol
Concen: 16.84 ng
RT: 10.85 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.3	51.2	76.8
264	64.4	50.6	75.8





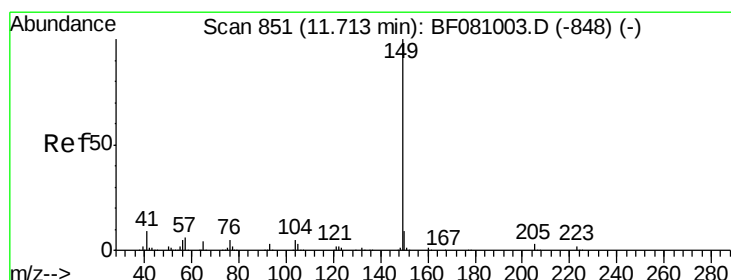
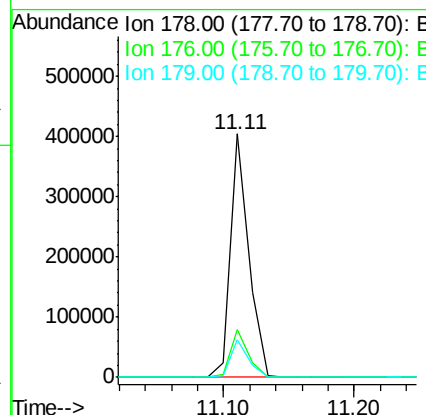
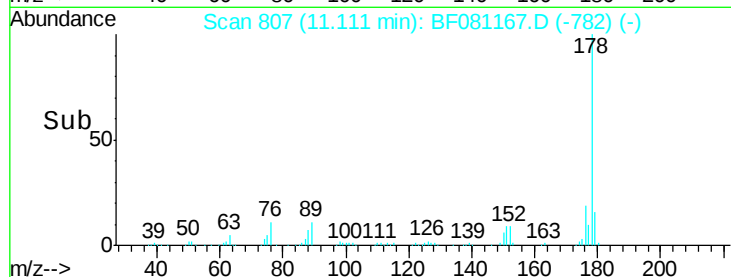
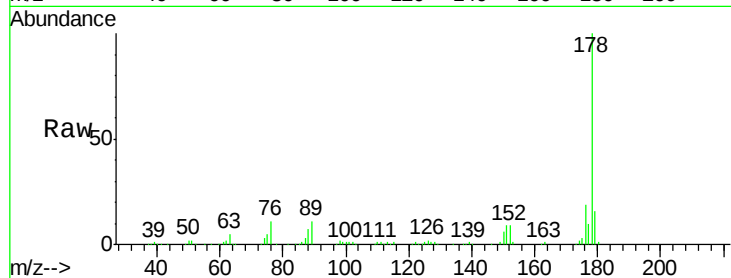
#71
 Anthracene
 Concen: 25.91 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.5	12.7	19.1

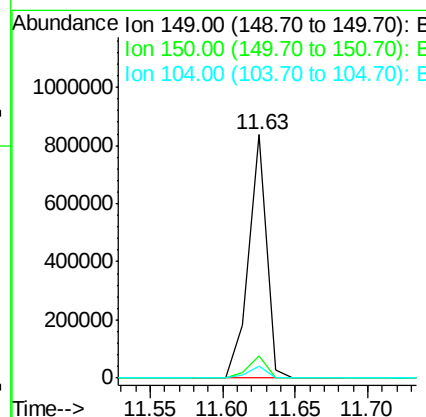
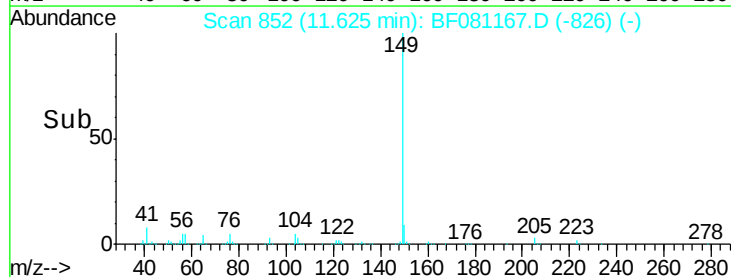
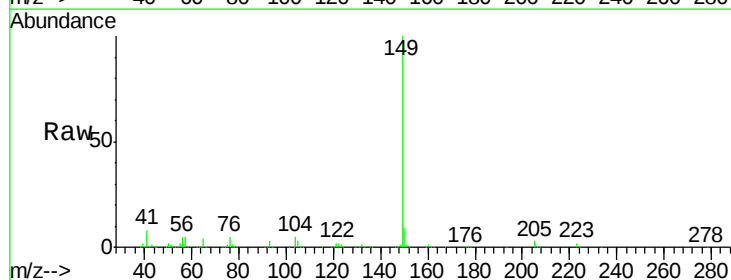
Manual Integrations
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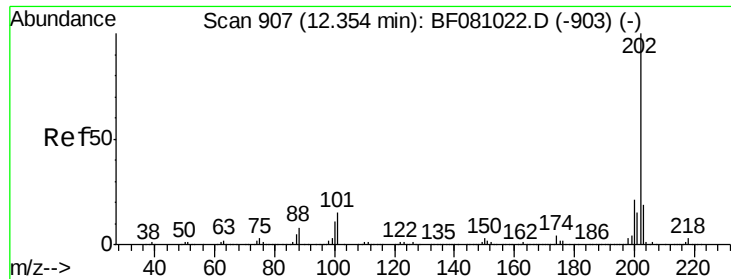
MMDadoda
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#73
 Di-n-butylphthalate
 Concen: 40.83 ng
 RT: 11.63 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.0	3.9	5.9





#74

Fluoranthene

Concen: 9.12 ng

RT: 12.23 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

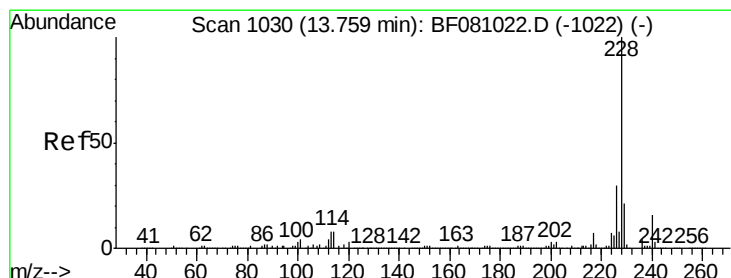
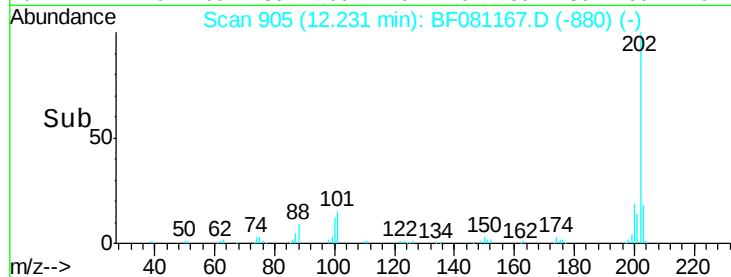
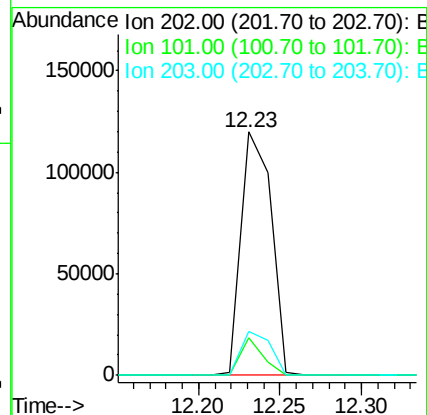
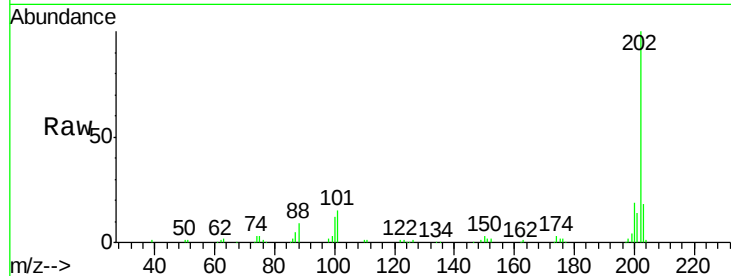
ClientSampleId :

8524DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		153673		
101	15.4	0.0	24.8		
203	17.8	0.0	36.9		

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#75

Chrysene-d12

Concen: 20.00 ng

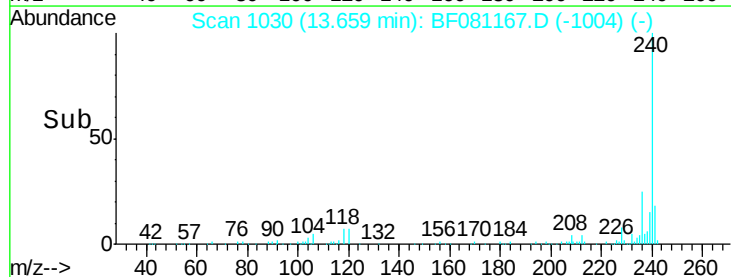
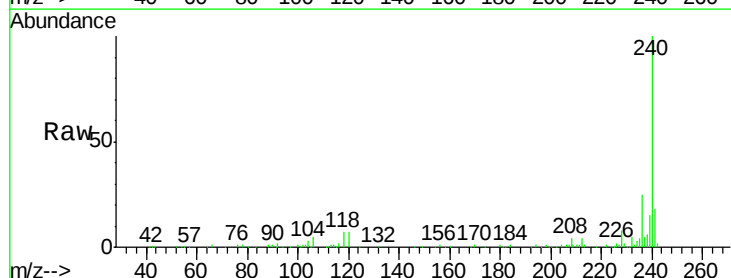
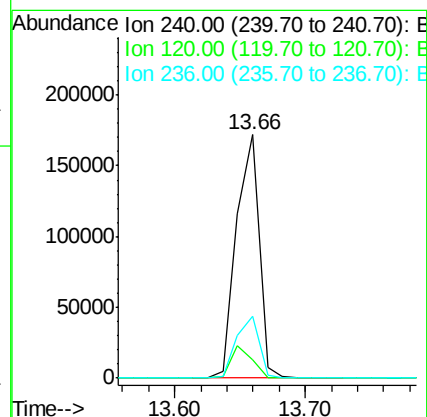
RT: 13.66 min Scan# 1030

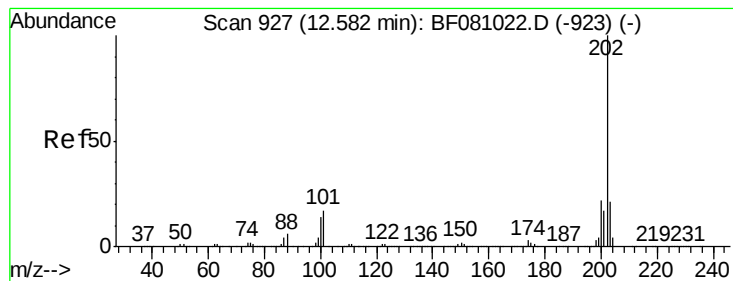
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		207156		
120	7.4	5.6	8.4		
236	25.5	20.6	30.8		





#77

Pyrene

Concen: 27.77 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

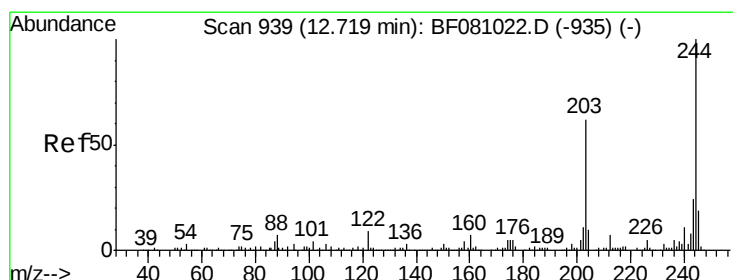
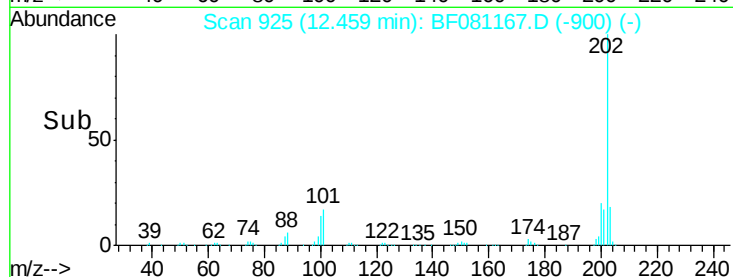
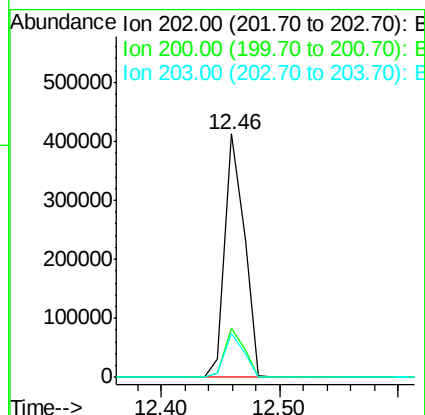
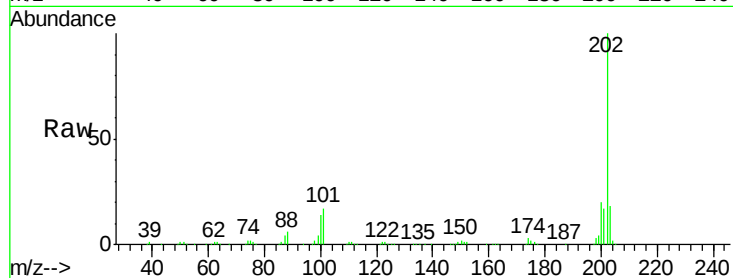
ClientSampleId :

8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	467682		
200	20.3	16.6	24.8	
203	18.0	14.1	21.1	

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#78

Terphenyl-d14

Concen: 15.77 ng

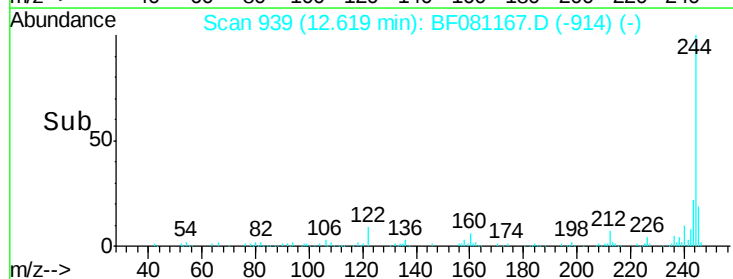
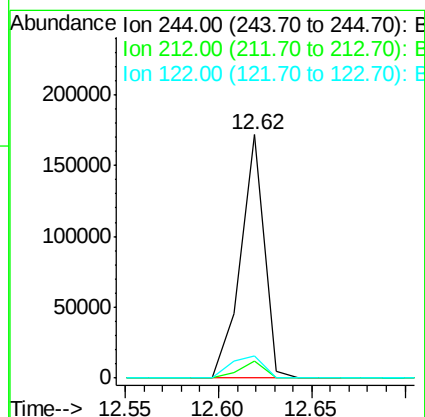
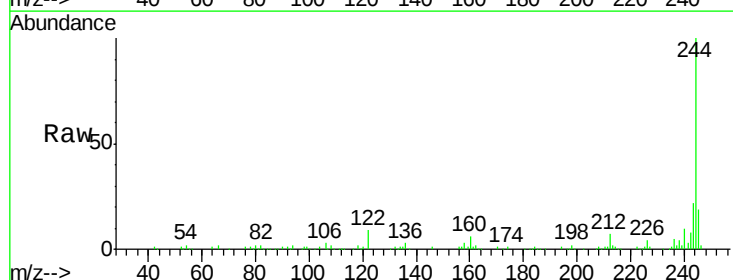
RT: 12.62 min Scan# 939

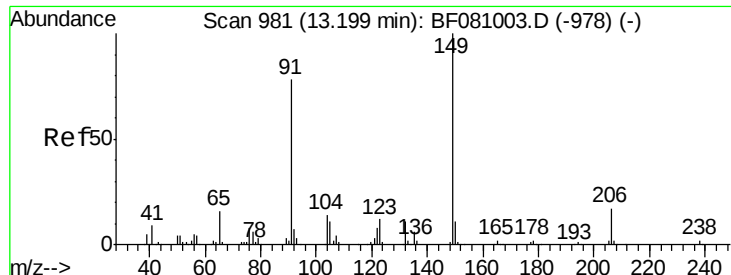
Delta R.T. -0.01 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	152376		
212	7.0	5.8	8.8	
122	8.9	8.2	12.4	





#79

Butylbenzylphthalate

Concen: 26.31 ng

RT: 13.10 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

ClientSampled :

8524DL

Tgt Ion:149 Resp: 190425
Ion Ratio Lower Upper

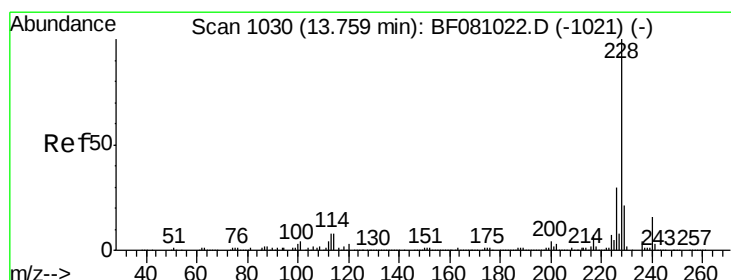
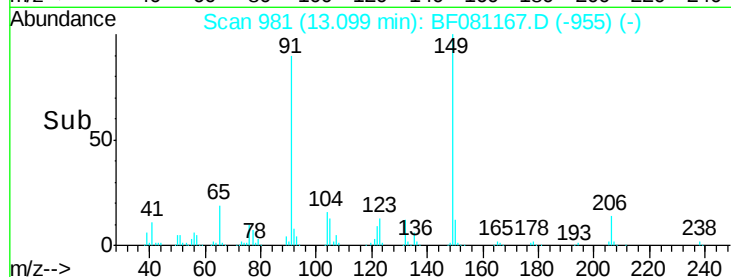
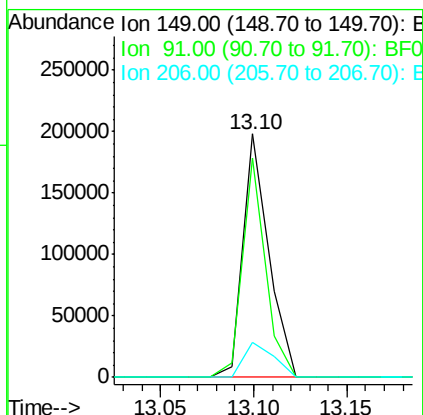
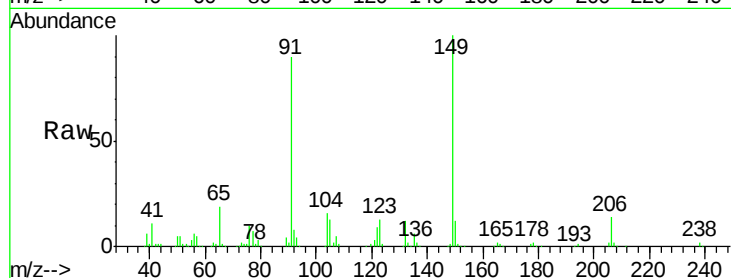
149 100

91 89.9 46.9 70.3#

206 14.3 17.0 25.4#

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#80

Benzo(a)anthracene

Concen: 21.66 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081167.D

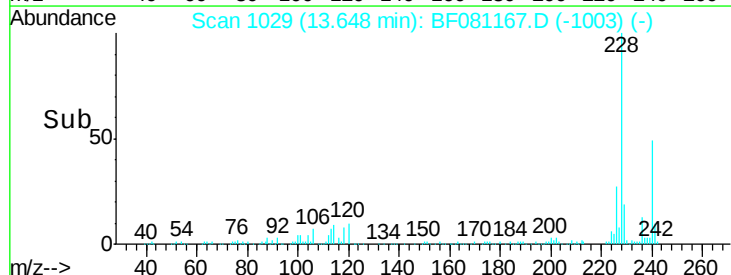
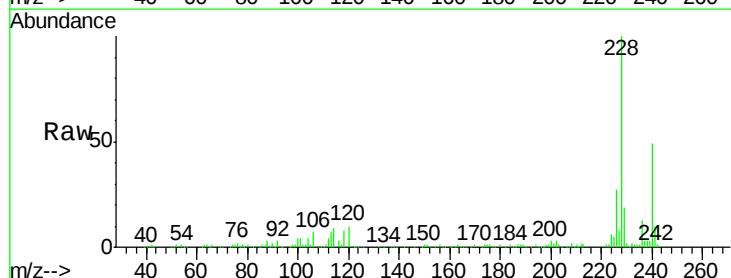
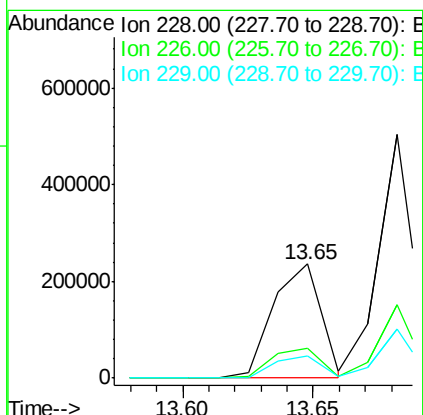
Acq: 24 Aug 2015 13:50

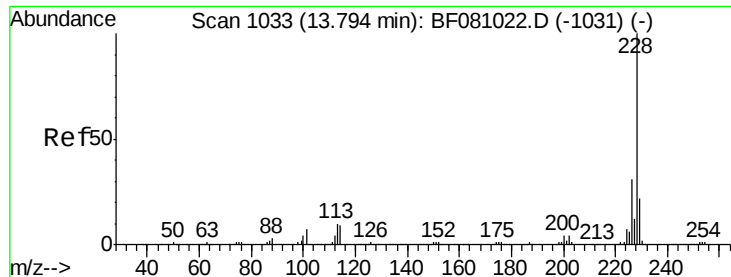
Tgt Ion:228 Resp: 300924
Ion Ratio Lower Upper

228 100

226 26.7 22.3 33.5

229 19.2 15.9 23.9





#82

Chrysene

Concen: 36.25 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Instrument :

BNA_F

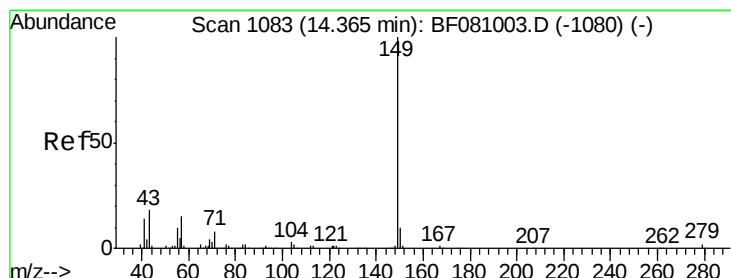
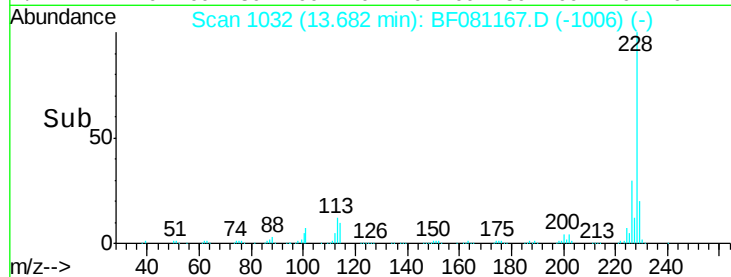
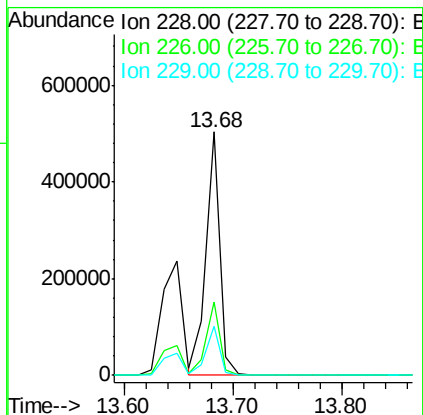
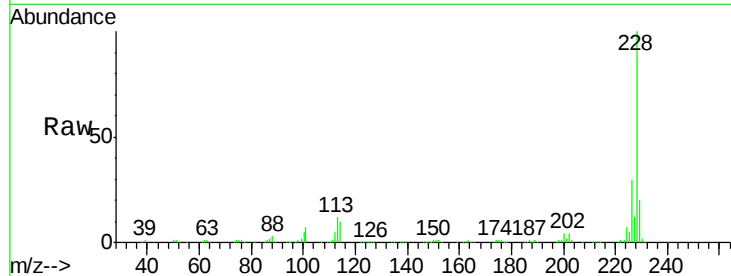
ClientSampleId :

8524DL

Tgt Ion:	228	Resp:	453898
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	20.1	16.0	24.0

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#84

Di-n-octyl phthalate

Concen: 10.71 ng

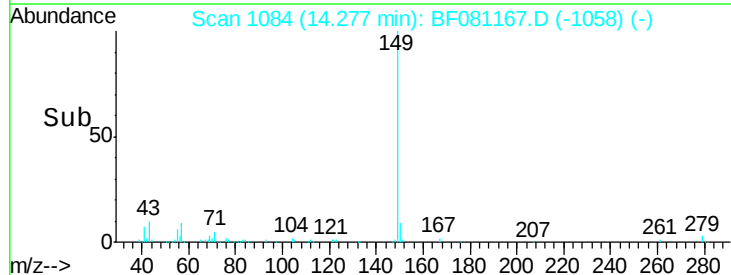
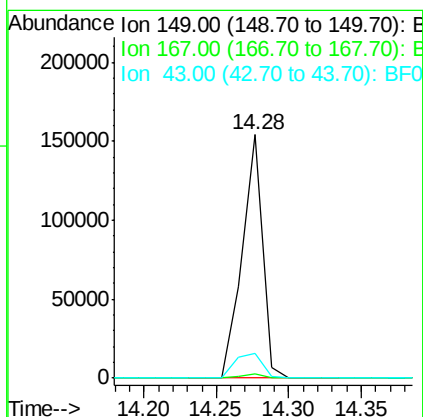
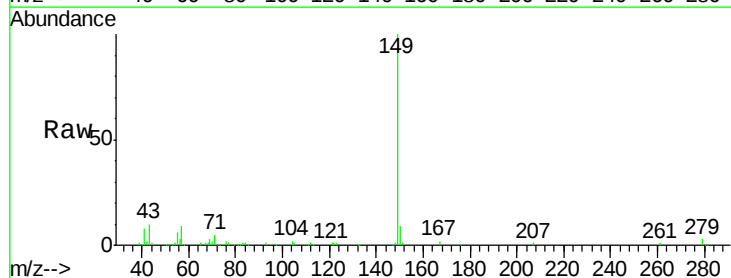
RT: 14.28 min Scan# 1084

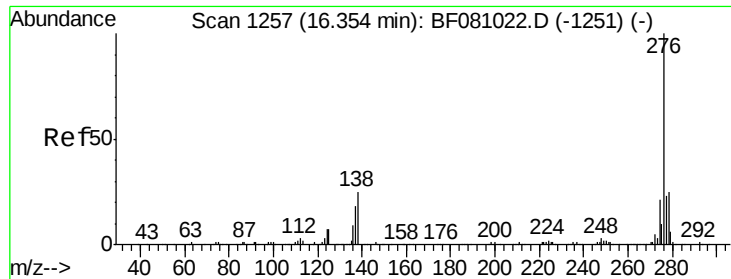
Delta R.T. -0.00 min

Lab File: BF081167.D

Acq: 24 Aug 2015 13:50

Tgt Ion:	149	Resp:	150948
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	13.4	11.6	17.4





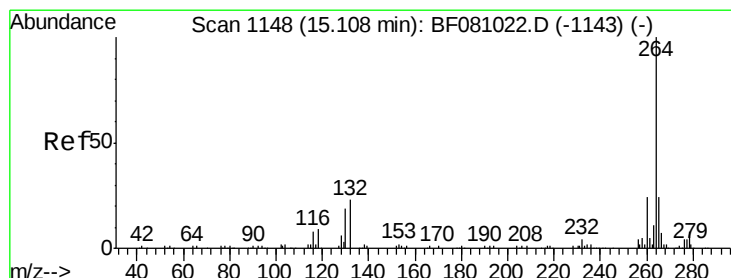
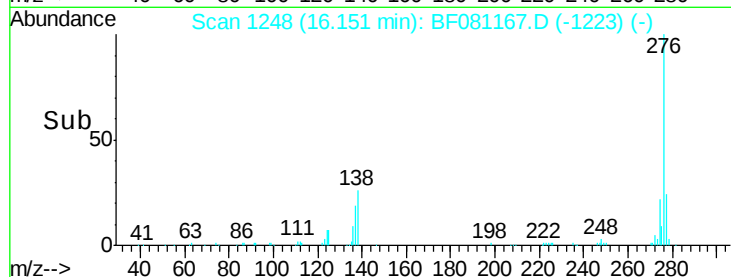
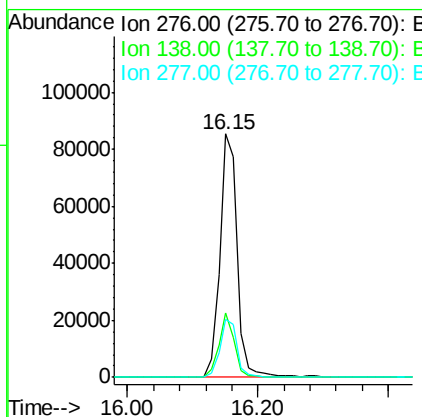
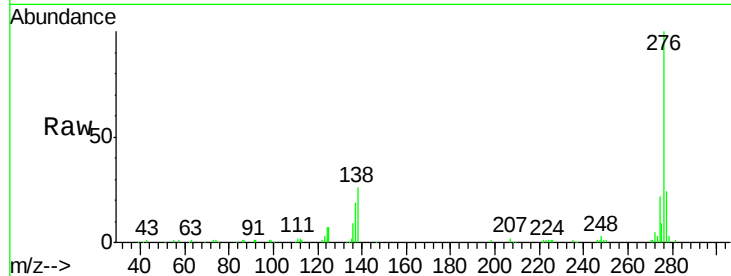
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.07 ng
 RT: 16.15 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 8524DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.6	28.0
277	23.7	19.8	29.8

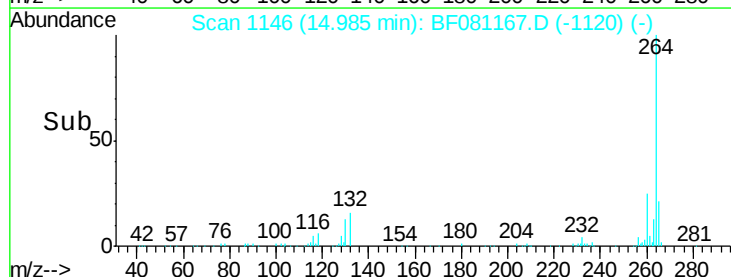
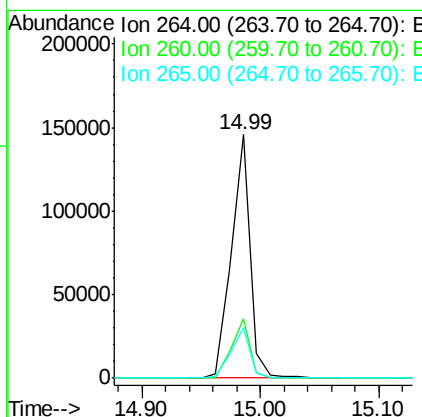
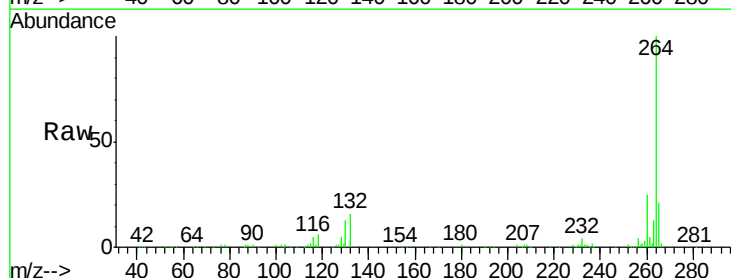
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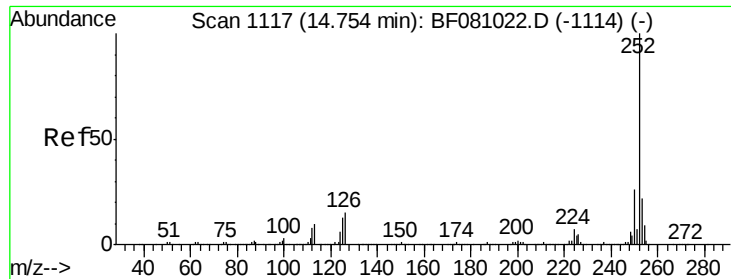
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF081167.D
 Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	20.6	17.5	26.3





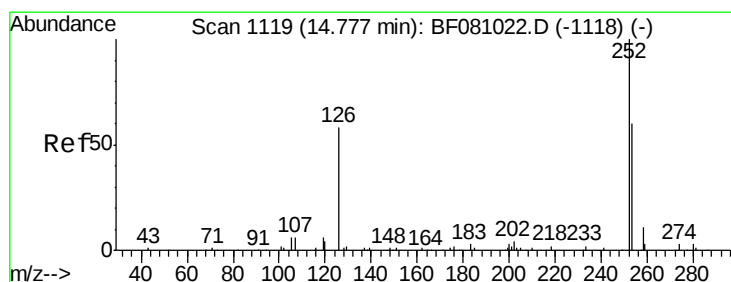
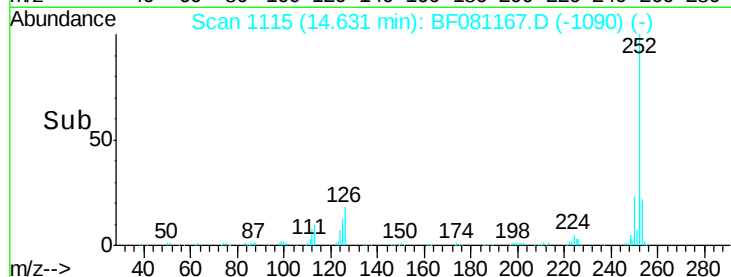
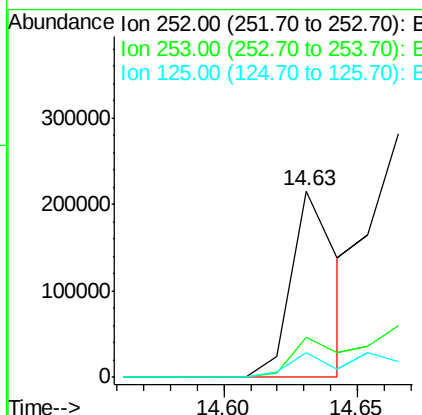
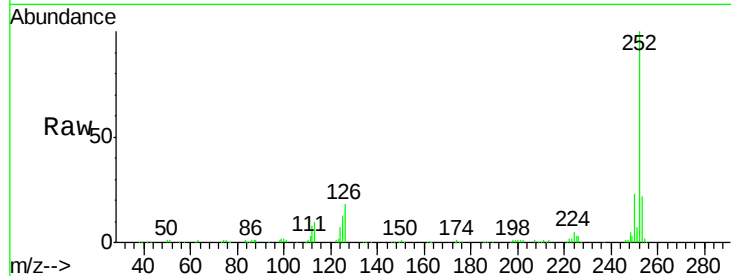
#87
Benzo(b)fluoranthene
Concen: 23.13 ng m
RT: 14.63 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	259496		
253	21.5	17.1	25.7	
125	13.2	8.0	12.0	

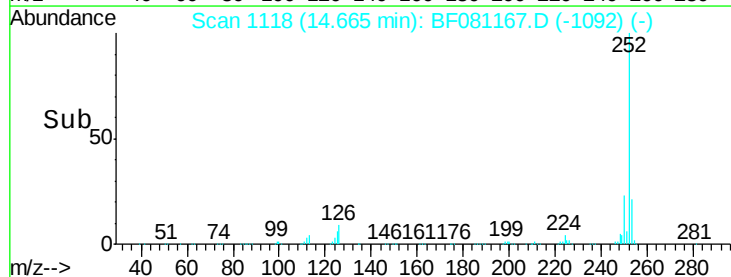
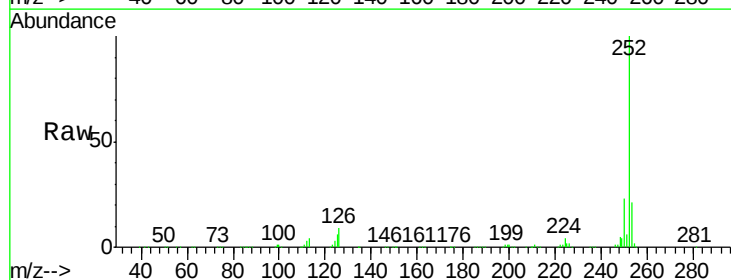
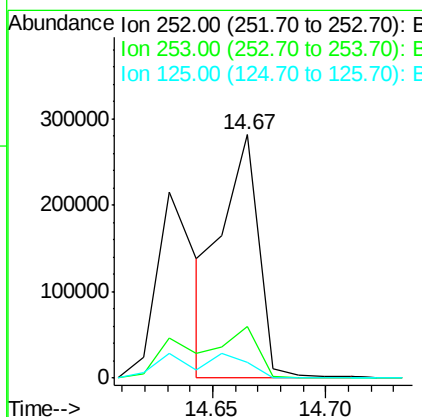
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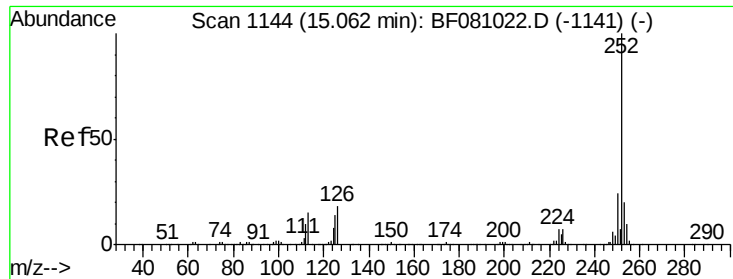
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#88
Benzo(k)fluoranthene
Concen: 30.43 ng m
RT: 14.67 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	318154		
253	21.3	17.6	26.4	
125	6.4	10.3	15.5	





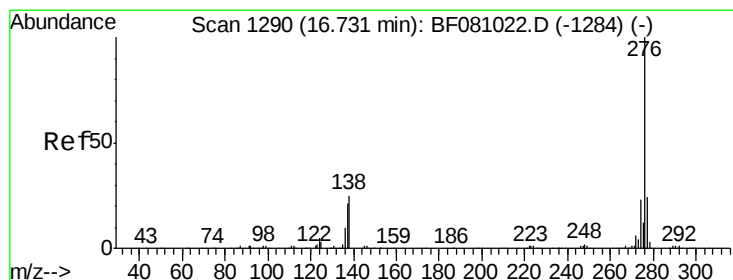
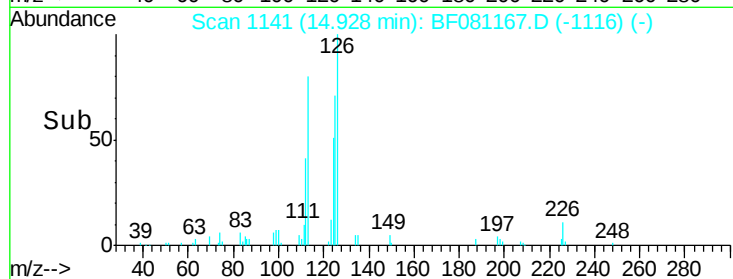
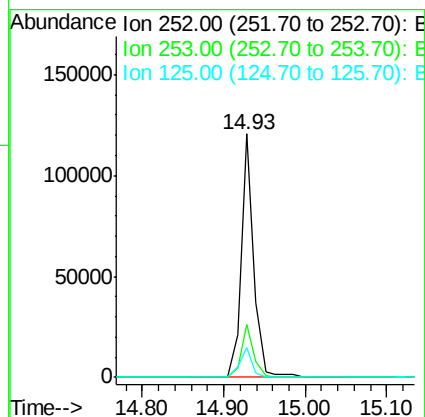
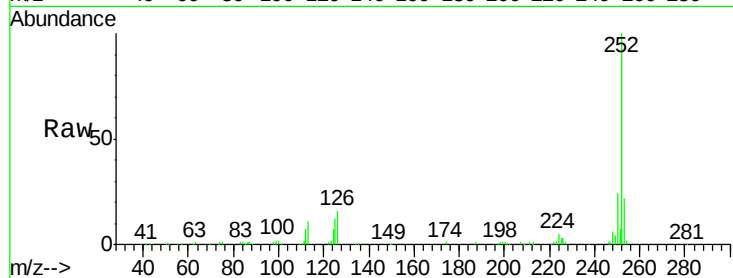
#89
Benzo(a)pyrene
Concen: 13.19 ng
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
8524DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	128943		
253	21.5	16.6	25.0	
125	12.4	7.8	11.8#	

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#91
Benzo(g,h,i)perylene
Concen: 16.01 ng
RT: 16.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF081167.D
Acq: 24 Aug 2015 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	123750		
277	23.1	18.2	27.2	
138	21.5	13.7	20.5#	

