

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081271.D
 Acq On : 29 Aug 2015 15:17
 Operator : UM/IZ
 Sample : PB85288BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:38 PM

Quant Time: Aug 31 01:24:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 01:11:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	50964	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	202246	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	90474	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	184967	20.00	ng	0.00
75) Chrysene-d12	13.60	240	149584	20.00	ng	0.00
86) Perylene-d12	14.92	264	124763	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	270314	79.78	ng	0.02
7) Phenol-d6	6.14	99	344243	77.87	ng	0.00
23) Nitrobenzene-d5	7.06	82	346126	78.18	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	59488	75.85	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	593602	85.97	ng	0.00
78) Terphenyl-d14	12.56	244	523859	75.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	54803	34.32	ng	93
3) Pyridine	2.51	79	157477	34.94	ng	# 81
4) n-Nitrosodimethylamine	2.48	42	86174	34.34	ng	# 77
6) Aniline	6.14	93	134459	20.92	ng	# 62
8) 2-Chlorophenol	6.26	128	148165	39.95	ng	94
9) Benzaldehyde	6.02	77	24052	8.44	ng	87
10) Phenol	6.15	94	182866	35.02	ng	86
11) bis(2-Chloroethyl)ether	6.23	93	146498	36.57	ng	94
12) 1,3-Dichlorobenzene	6.42	146	145194	36.43	ng	95
13) 1,4-Dichlorobenzene	6.50	146	147969	37.50	ng	97
14) 1,2-Dichlorobenzene	6.65	146	138885	37.61	ng	96
15) Benzyl Alcohol	6.64	79	128344	35.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	291607	37.04	ng	89
17) 2-Methylphenol	6.77	107	118063	37.10	ng	96
18) Hexachloroethane	6.99	117	59641	37.41	ng	95
19) n-Nitroso-di-n-propylamine	6.91	70	116460	38.03	ng	92
20) 3+4-Methylphenols	6.93	107	156592	38.77	ng	# 45
22) Acetophenone	6.90	105	213842	40.27	ng	# 87
24) Nitrobenzene	7.07	77	167156	36.11	ng	96
25) Isophorone	7.33	82	311646	37.75	ng	# 95
26) 2-Nitrophenol	7.39	139	79640	41.37	ng	# 74
27) 2,4-Dimethylphenol	7.45	122	138470	40.66	ng	95
28) bis(2-Chloroethoxy)methane	7.54	93	182979	37.51	ng	100
29) 2,4-Dichlorophenol	7.65	162	113055	39.43	ng	96
30) 1,2,4-Trichlorobenzene	7.71	180	114578	35.95	ng	98
31) Naphthalene	7.79	128	435641	38.64	ng	99
32) Benzoic acid	7.60	122	85552	44.66	ng	91
33) 4-Chloroaniline	7.85	127	52955	11.13	ng	# 91
34) Hexachlorobutadiene	7.92	225	72060	39.99	ng	97
35) Caprolactam	8.24	113	45104m	45.01	ng	
36) 4-Chloro-3-methylphenol	8.35	107	140089	40.99	ng	94
37) 2-Methylnaphthalene	8.48	142	252283	35.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	114619	39.27	ng	# 95
40) Hexachlorocyclopentadiene	8.64	237	128137	84.81	ng	99

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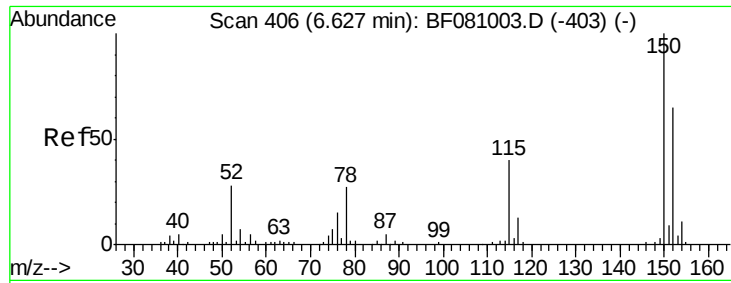
Manual Integrations
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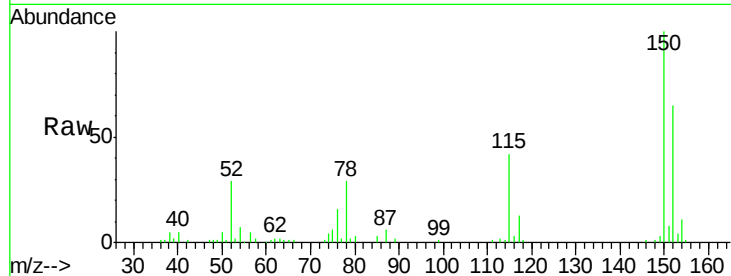
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	73902	35.84	ng	99
43) 2,4,5-Trichlorophenol	8.81	196	81228	39.41	ng	# 88
45) 1,1'-Biphenyl	8.95	154	314575	39.47	ng	96
46) 2-Chloronaphthalene	8.97	162	254803	39.80	ng	97
47) 2-Nitroaniline	9.07	65	114507	43.71	ng	# 85
48) Acenaphthylene	9.37	152	385587	33.67	ng	98
49) Dimethylphthalate	9.27	163	314134	42.16	ng	99
50) 2,6-Dinitrotoluene	9.33	165	63623	39.77	ng	# 70
51) Acenaphthene	9.54	154	228093	33.27	ng	100
52) 3-Nitroaniline	9.49	138	39718	19.84	ng	# 68
53) 2,4-Dinitrophenol	9.60	184	64325	73.43	ng	# 40
54) Dibenzofuran	9.73	168	350524	38.15	ng	98
55) 4-Nitrophenol	9.67	139	119498	84.99	ng	# 65
56) 2,4-Dinitrotoluene	9.73	165	85191	40.18	ng	# 79
57) Fluorene	10.06	166	257516	36.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	62274m	39.04	ng	
59) Diethylphthalate	9.95	149	303130	38.44	ng	100
60) 4-Chlorophenyl-phenylether	10.06	204	115269	38.54	ng	96
61) 4-Nitroaniline	10.09	138	65990	32.25	ng	91
62) Azobenzene	10.22	77	389481	42.86	ng	95
64) 4,6-Dinitro-2-methylphenol	10.13	198	47645	43.13	ng	# 64
65) n-Nitrosodiphenylamine	10.18	169	259778	39.34	ng	100
66) 4-Bromophenyl-phenylether	10.55	248	69057	38.00	ng	97
67) Hexachlorobenzene	10.61	284	73873	40.14	ng	# 82
68) Atrazine	10.72	200	86183	46.85	ng	99
69) Pentachlorophenol	10.80	266	85871	77.77	ng	98
70) Phenanthrene	11.01	178	380024	34.67	ng	99
71) Anthracene	11.06	178	419151	39.29	ng	99
72) Carbazole	11.22	167	427783	41.65	ng	99
73) Di-n-butylphthalate	11.57	149	468482	37.70	ng	98
74) Fluoranthene	12.18	202	466436	39.43	ng	95
76) Benzidine	12.32	184	150796	26.69	ng	97
77) Pyrene	12.40	202	428369	35.23	ng	99
79) Butylbenzylphthalate	13.05	149	231884	44.36	ng	87
80) Benzo(a)anthracene	13.59	228	396789	39.55	ng	99
81) 3,3'-Dichlorobenzidine	13.57	252	58436	17.98	ng	# 93
82) Chrysene	13.62	228	351158	38.84	ng	100
83) Bis(2-ethylhexyl)phthalate	13.61	149	297413	44.42	ng	# 96
84) Di-n-octyl phthalate	14.22	149	513045	50.42	ng	99
85) Indeno(1,2,3-cd)pyrene	16.07	276	280715	44.23	ng	# 94
87) Benzo(b)fluoranthene	14.58	252	434178m	49.20	ng	
88) Benzo(k)fluoranthene	14.61	252	245817m	29.89	ng	
89) Benzo(a)pyrene	14.87	252	317566	41.30	ng	97
90) Dibenzo(a,h)anthracene	16.08	278	235239	39.26	ng	97
91) Benzo(g,h,i)perylene	16.40	276	223578	36.78	ng	# 88

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

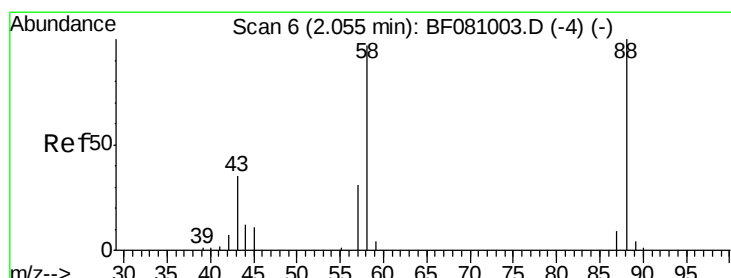
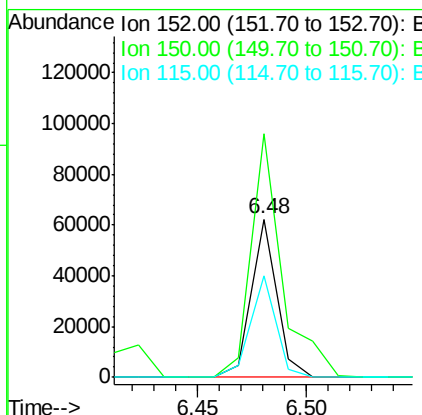
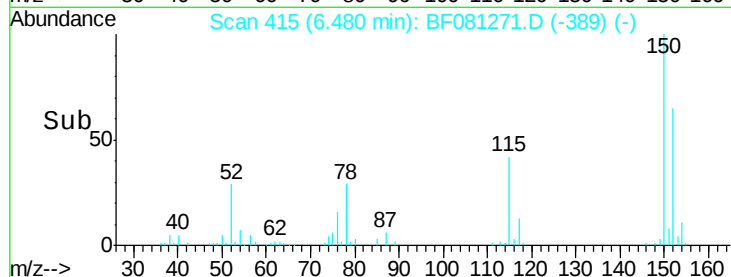
Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS



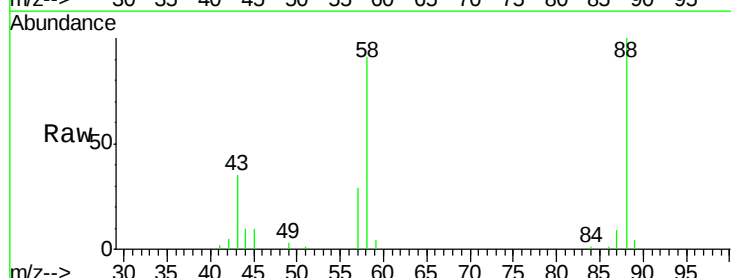
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	64.5	52.1	78.1

Manual Integrations
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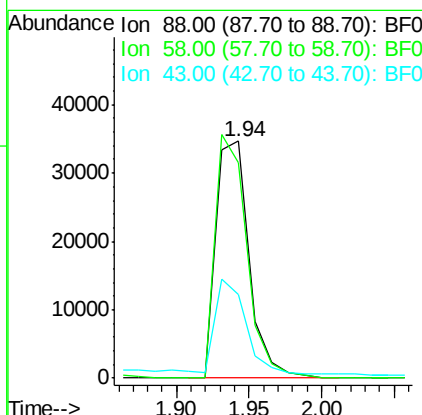
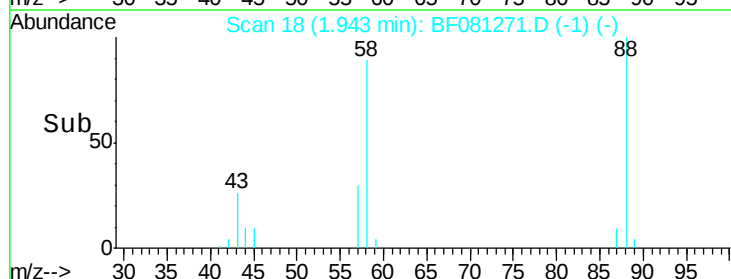
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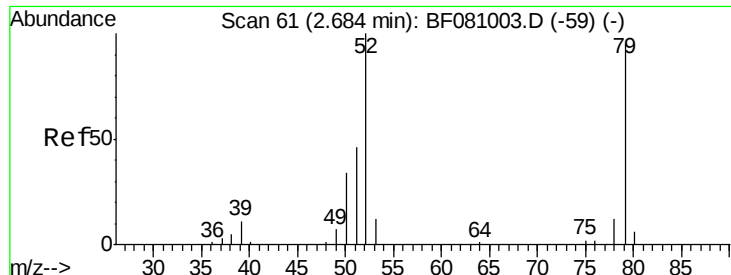


#2
 1,4-Dioxane
 Concen: 34.32 ng
 RT: 1.94 min Scan# 18
 Delta R.T. 0.09 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17



Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.8	83.7	125.5
43	41.0	37.5	56.3





#3

Pyridine

Concen: 34.94 ng

RT: 2.51 min Scan# 68

Delta R.T. 0.08 min

Lab File: BF081271.D

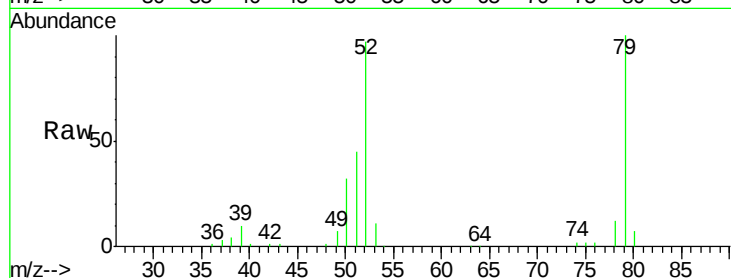
Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

ClientSampleId :

PB85288BS



Tgt Ion: 79 Resp: 157477

Ion Ratio Lower Upper

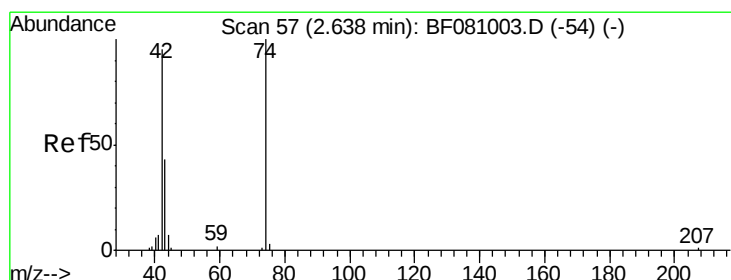
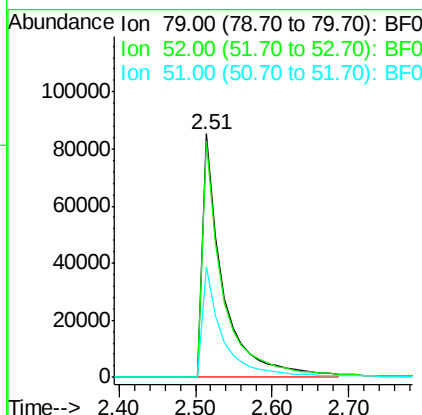
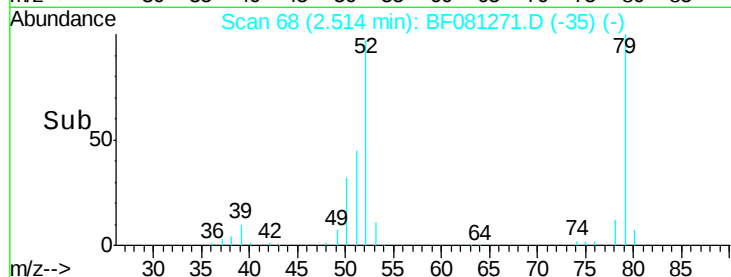
79 100

52 97.1 95.1 142.7

51 45.3 46.6 70.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.34 ng

RT: 2.48 min Scan# 65

Delta R.T. 0.08 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

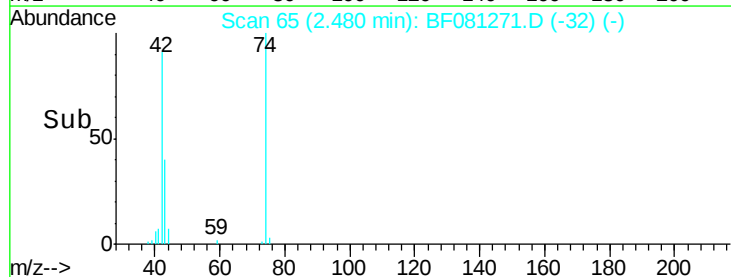
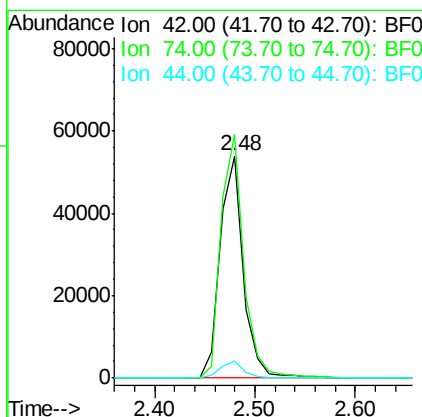
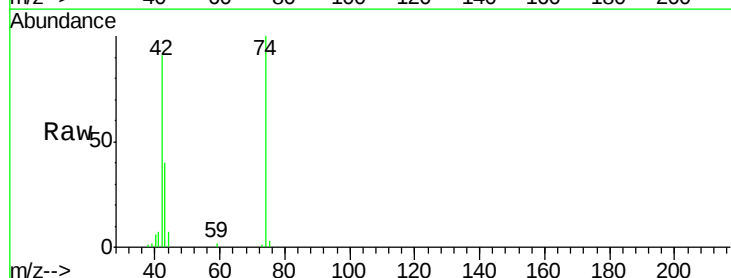
Tgt Ion: 42 Resp: 86174

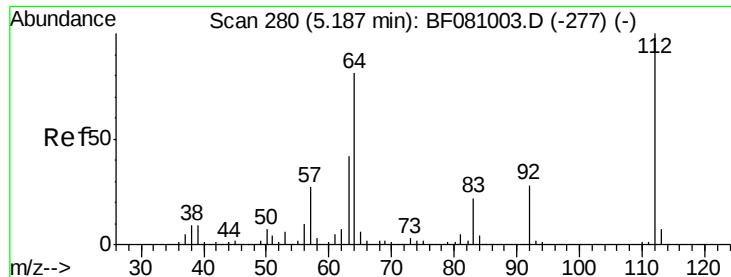
Ion Ratio Lower Upper

42 100

74 109.6 69.3 103.9#

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 79.78 ng

RT: 5.05 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081271.D

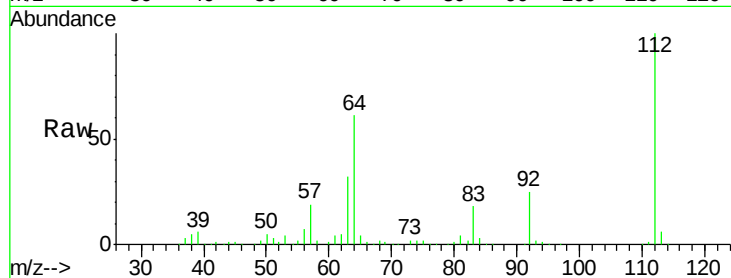
Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

ClientSampleId :

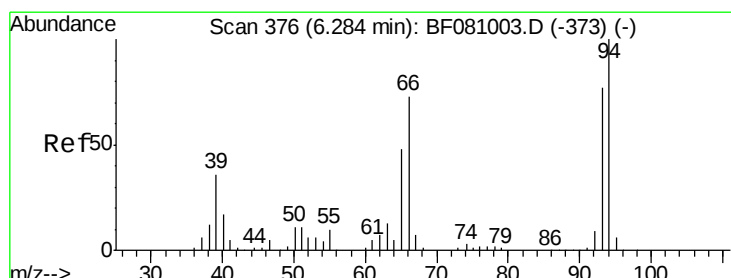
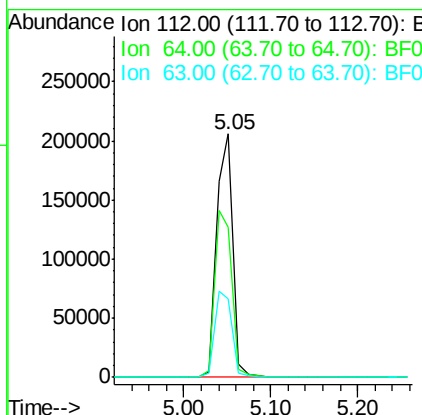
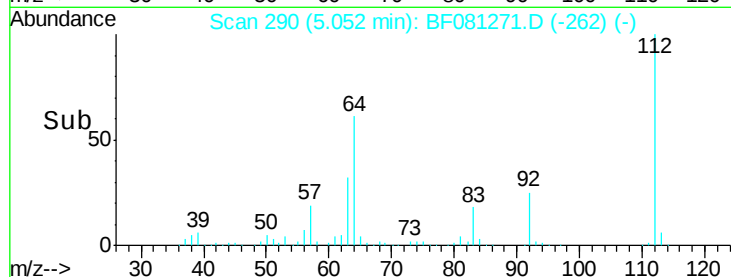
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	270314		
64	61.4	66.9	100.3#	
63	32.5	38.1	57.1#	

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#6

Aniline

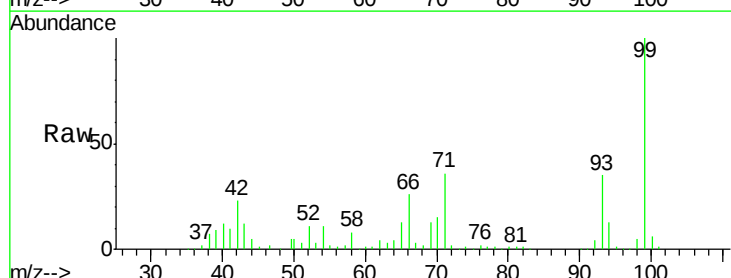
Concen: 20.92 ng

RT: 6.14 min Scan# 385

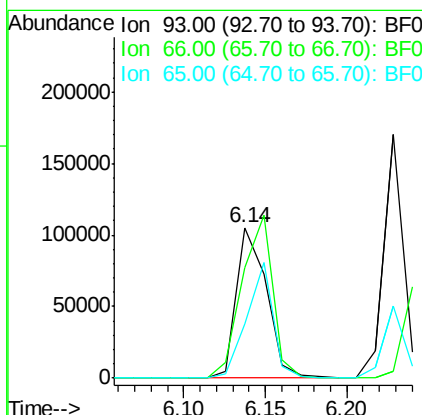
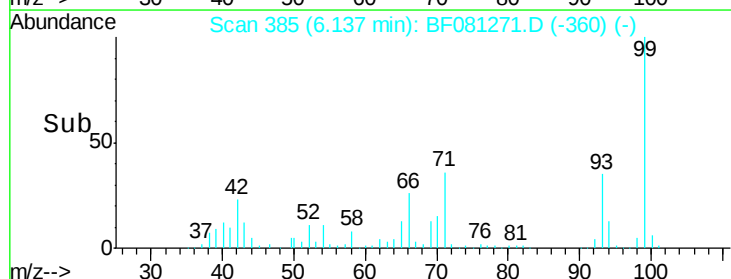
Delta R.T. -0.01 min

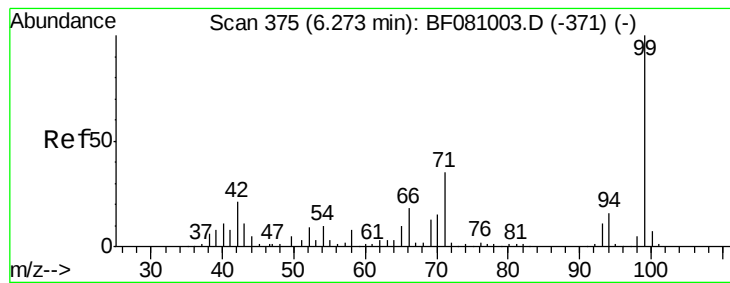
Lab File: BF081271.D

Acq: 29 Aug 2015 15:17



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134459		
66	73.4	35.6	53.4#	
65	35.9	18.7	28.1#	





#7

Phenol-d6

Concen: 77.87 ng

RT: 6.14 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081271.D

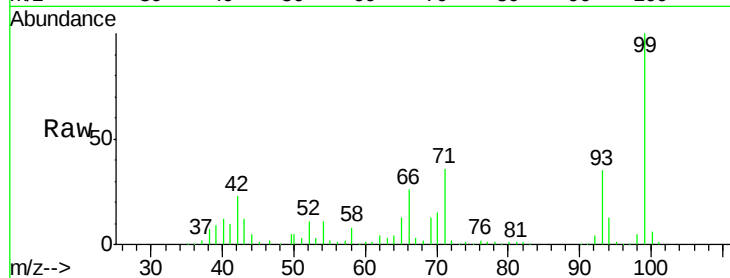
Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

ClientSampleId :

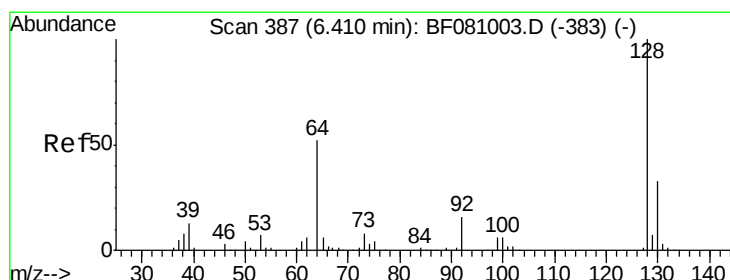
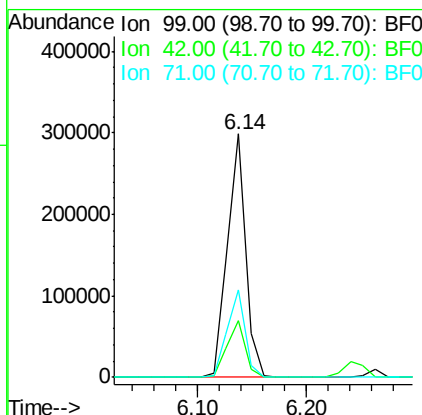
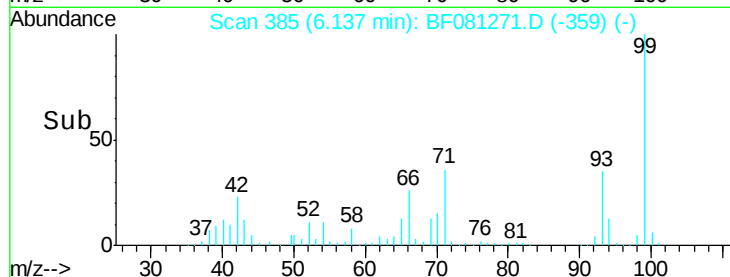
PB85288BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		344243		
42	23.2	19.6	29.4		
71	35.8	31.2	46.8		

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#8

2-Chlorophenol

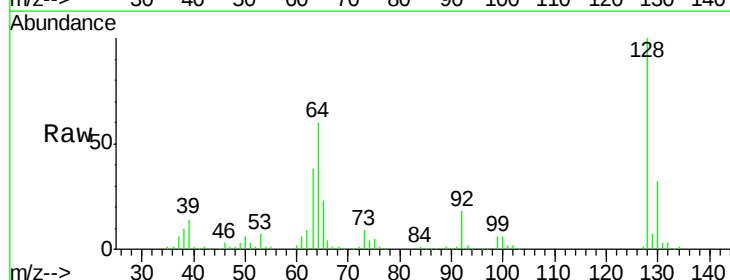
Concen: 39.95 ng

RT: 6.26 min Scan# 396

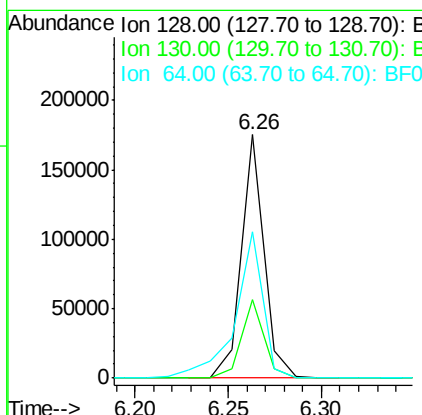
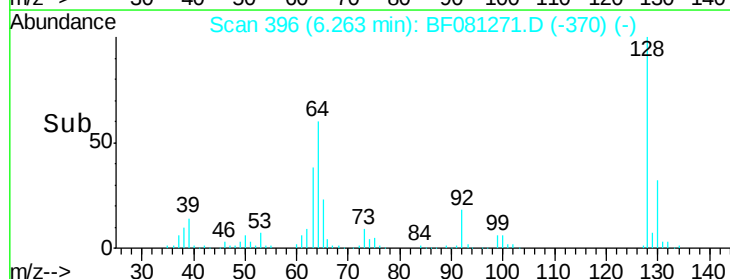
Delta R.T. 0.00 min

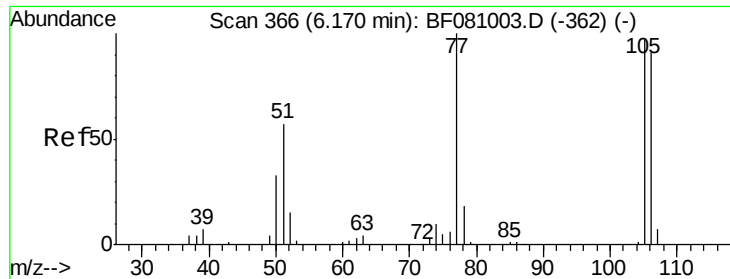
Lab File: BF081271.D

Acq: 29 Aug 2015 15:17



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		148165		
130	32.3	12.5	52.5		
64	60.3	46.8	86.8		





#9

Benzaldehyde

Concen: 8.44 ng

RT: 6.02 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

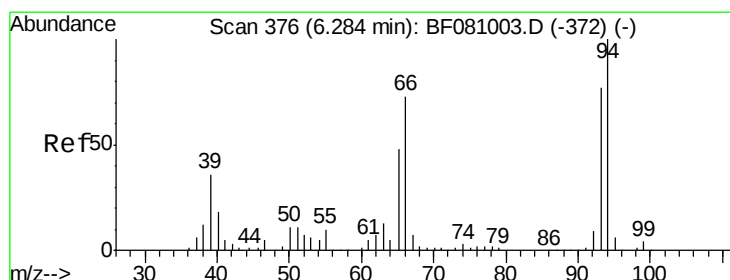
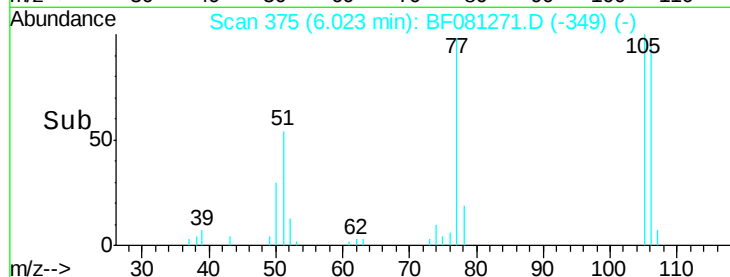
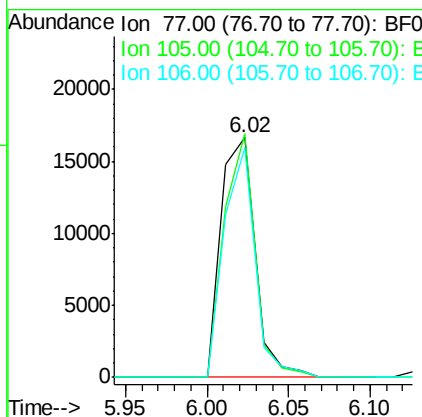
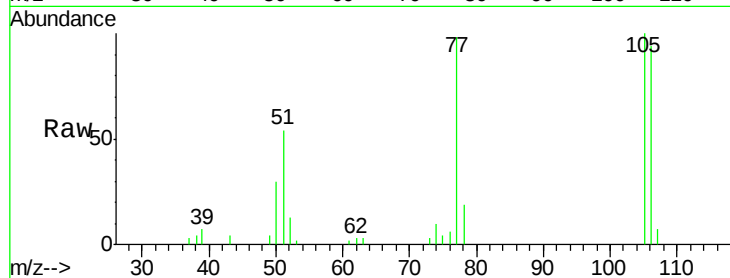
ClientSampleId :

PB85288BS

Manual Integrations
APPROVED

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Tgt Ion:	77	Resp:	24052
Ion	Ratio	Lower	Upper
77	100		
105	101.7	69.6	109.6
106	95.9	64.0	104.0



#10

Phenol

Concen: 35.02 ng

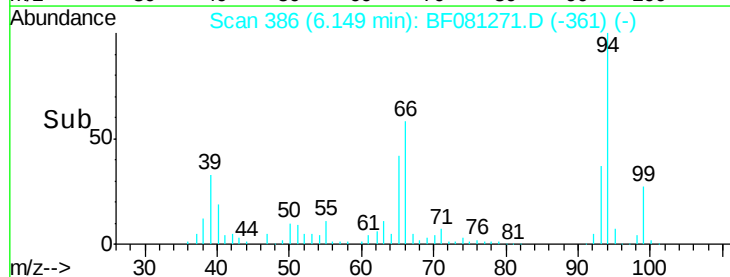
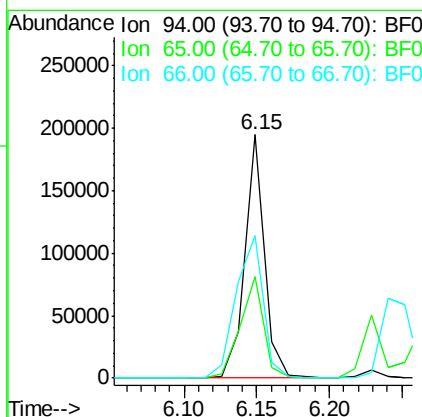
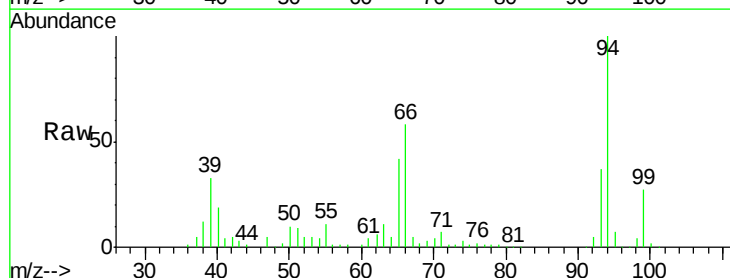
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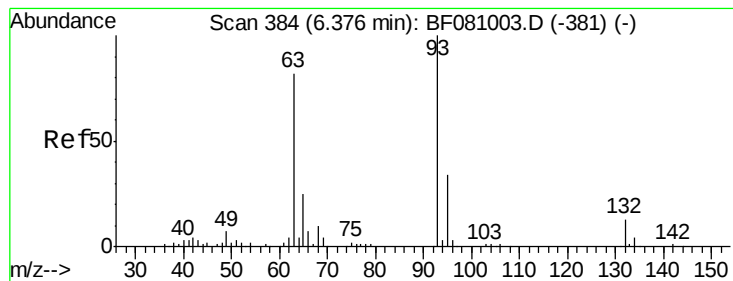
Delta R.T. -0.01 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion:	94	Resp:	182866
Ion	Ratio	Lower	Upper
94	100		
65	41.6	28.4	68.4
66	58.5	52.3	92.3





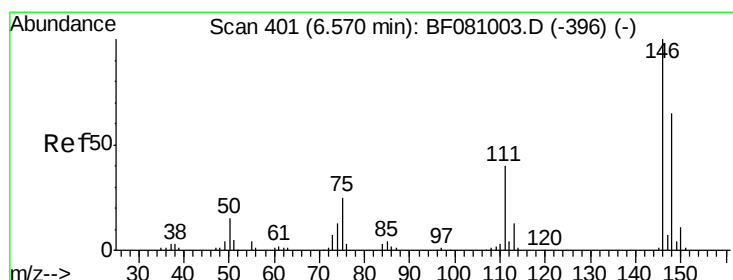
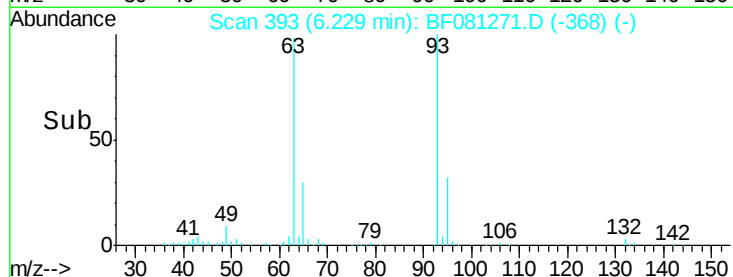
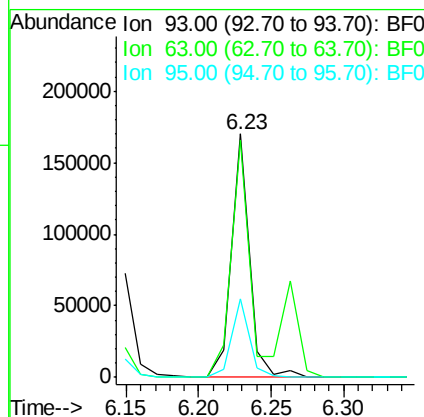
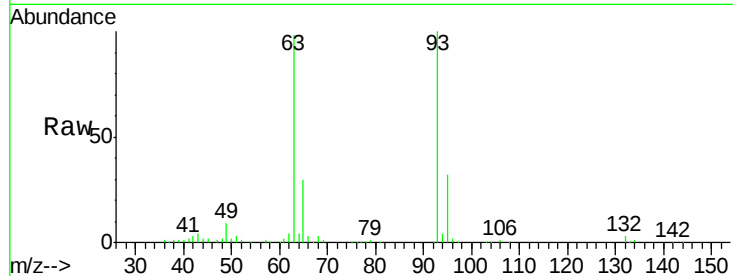
#11
bis(2-Chloroethyl)ether
Concen: 36.57 ng
RT: 6.23 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	97.6	69.6	109.6
95	32.3	12.3	52.3

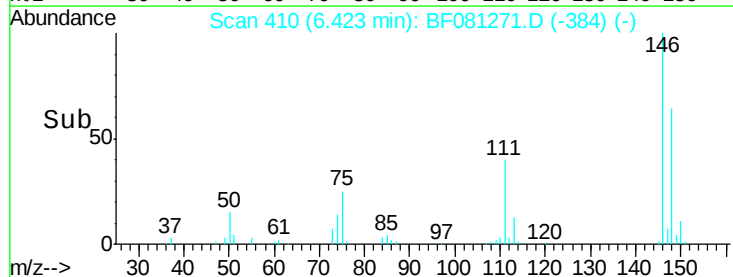
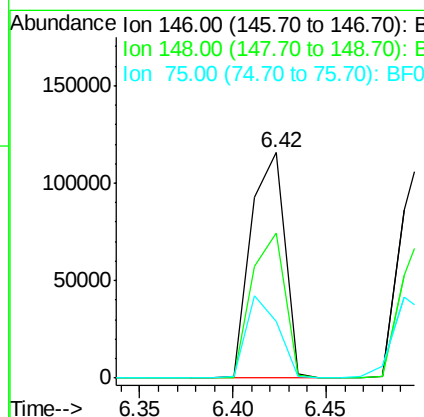
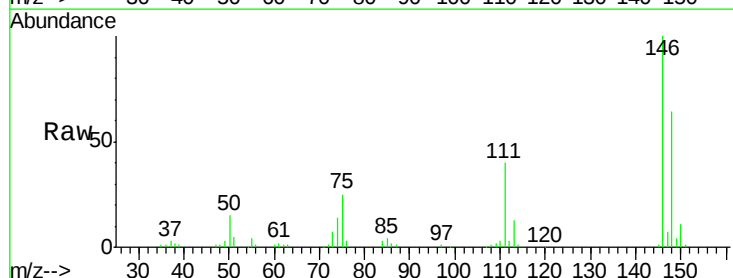
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#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 6.42 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

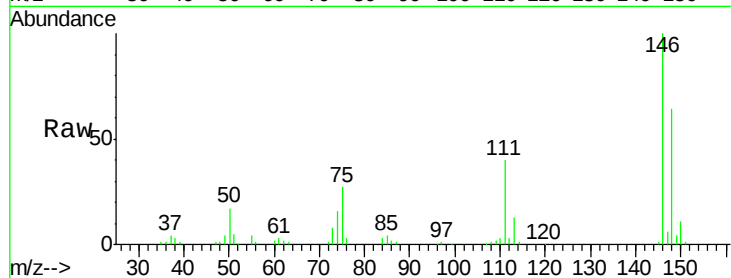
Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	53.3	79.9
75	25.4	25.0	37.6





#13
 1,4-Dichlorobenzene
 Concen: 37.50 ng
 RT: 6.50 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

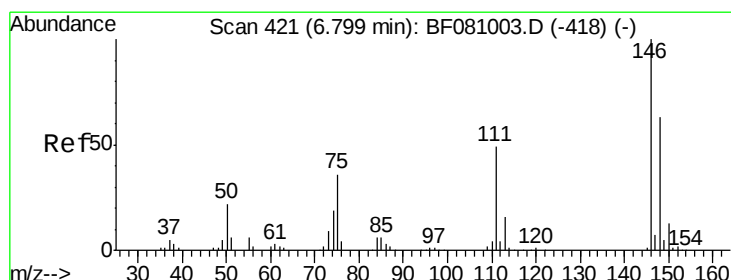
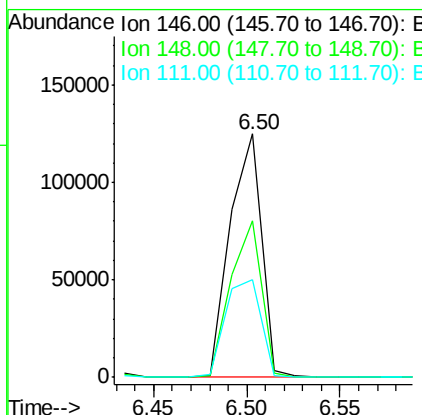
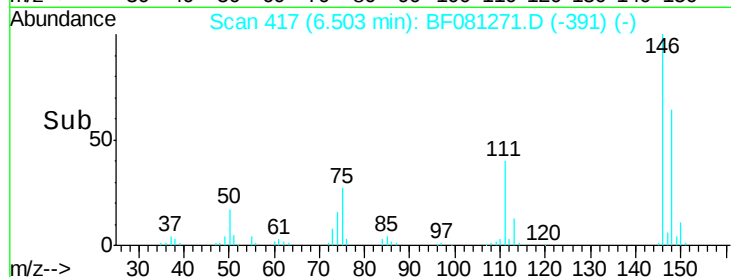
Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	40.0	34.4	51.6

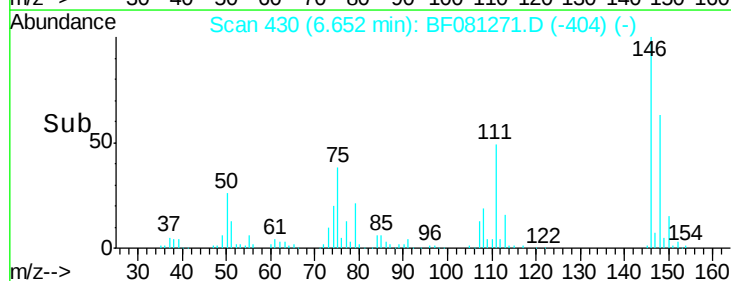
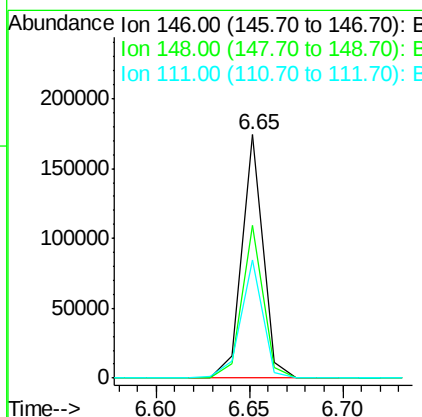
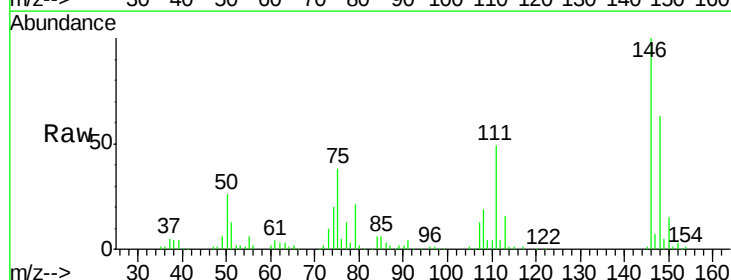
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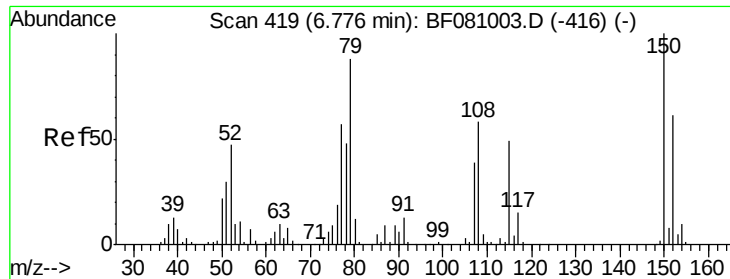
MMDadoda
 8/31/2015 1:58:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.61 ng
 RT: 6.65 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	48.7	73.1
111	48.7	42.3	63.5





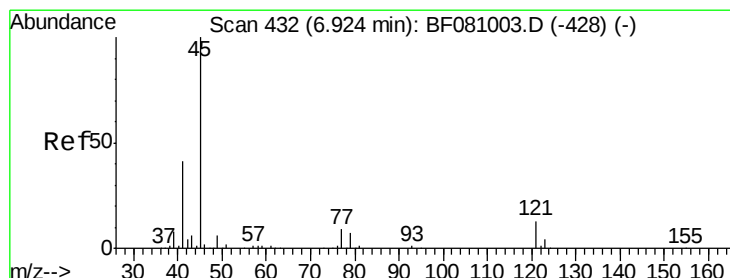
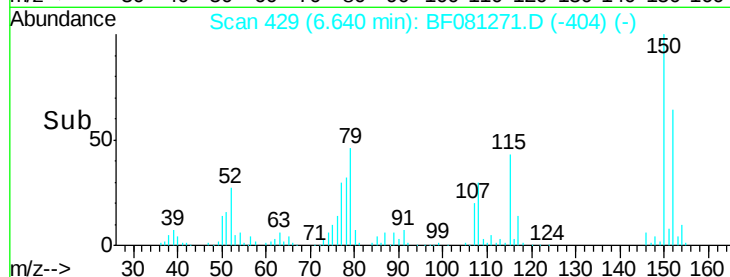
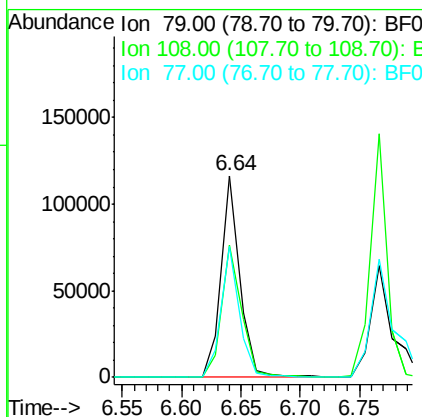
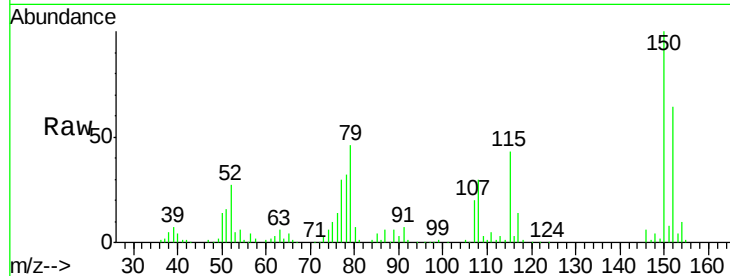
#15
Benzyl Alcohol
Concen: 35.88 ng
RT: 6.64 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	128344		
108	65.6	49.4	74.2	
77	65.0	51.4	77.0	

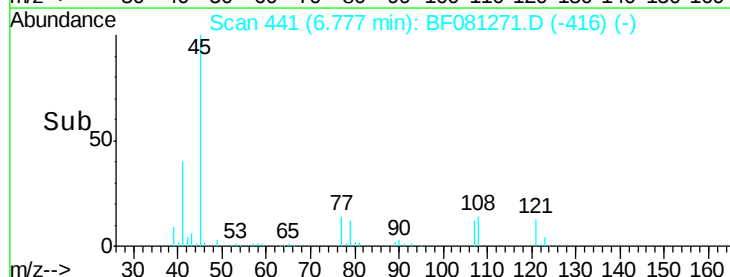
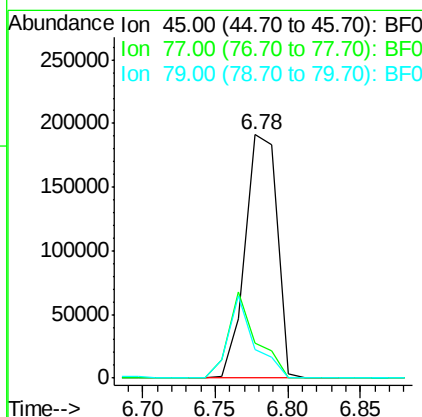
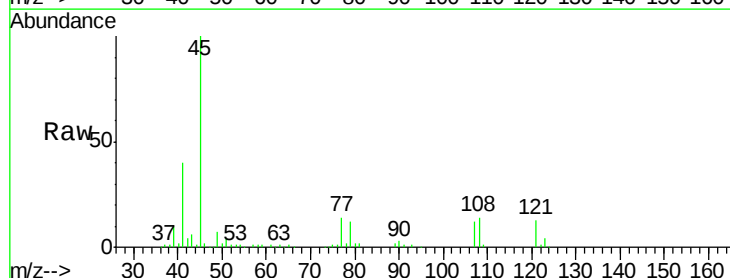
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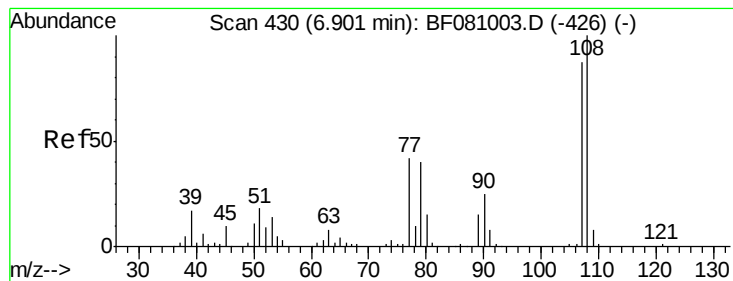
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.04 ng
RT: 6.78 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	291607		
77	14.4	0.0	30.2	
79	11.8	0.0	28.0	





#17

2-Methylphenol

Concen: 37.10 ng

RT: 6.77 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

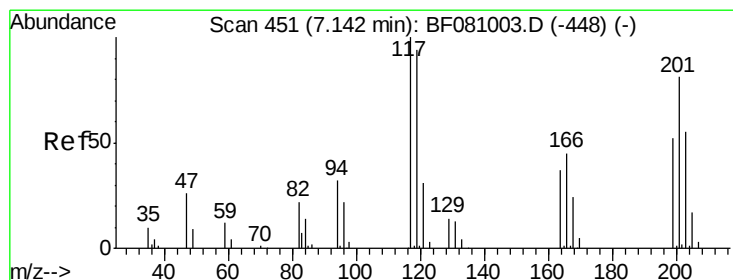
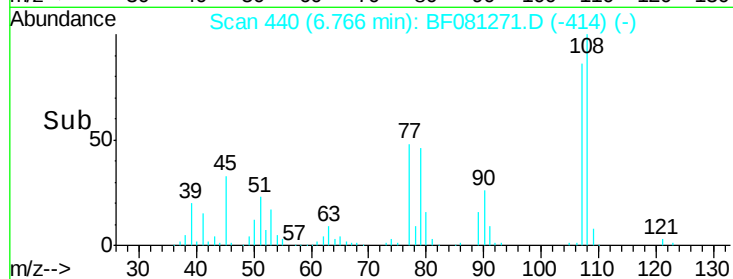
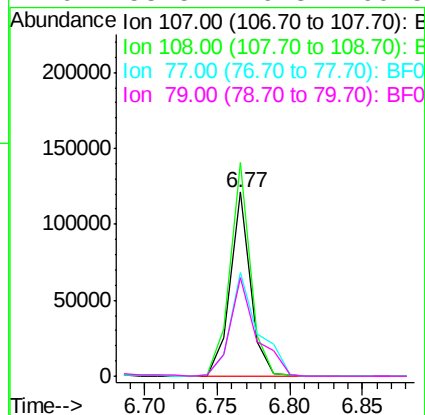
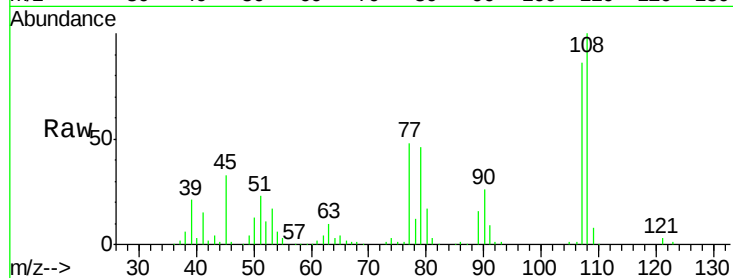
ClientSampleId :

PB85288BS

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Tgt Ion:	107	Resp:	118063
Ion Ratio	Lower	Upper	
107	100		
108	116.0	90.4	135.6
77	56.2	46.5	69.7
79	53.5	46.3	69.5



#18

Hexachloroethane

Concen: 37.41 ng

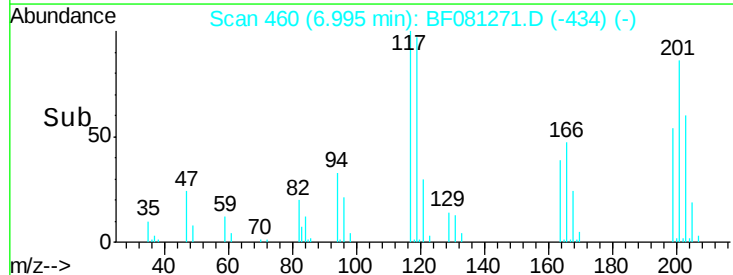
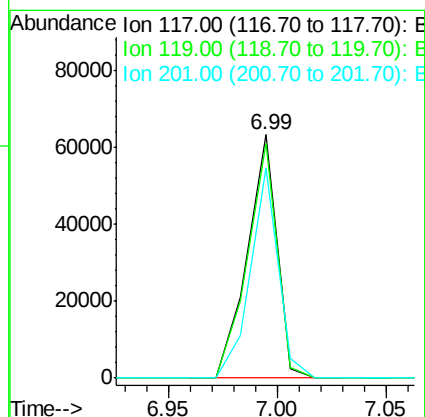
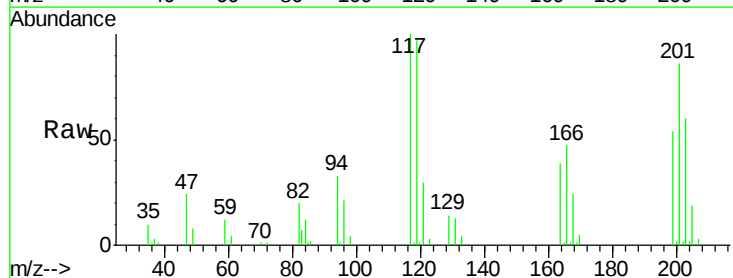
RT: 6.99 min Scan# 460

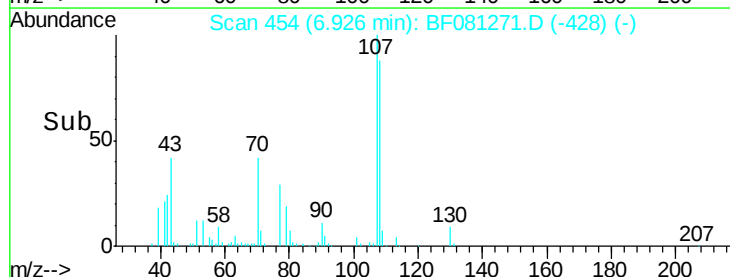
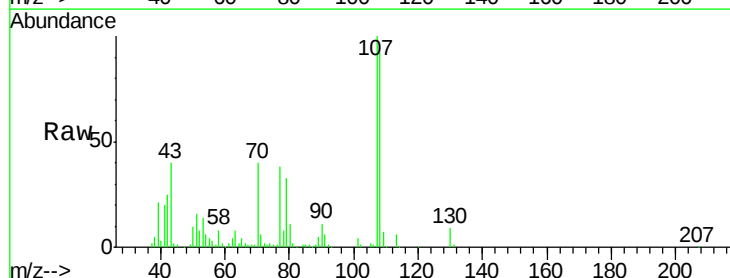
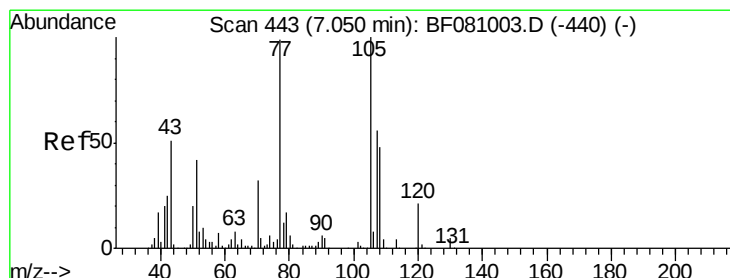
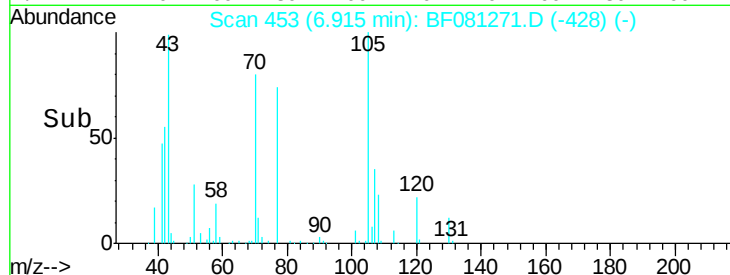
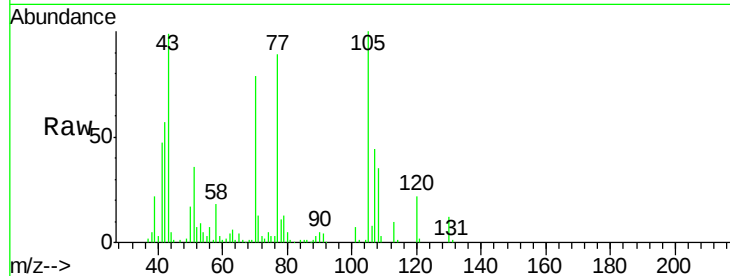
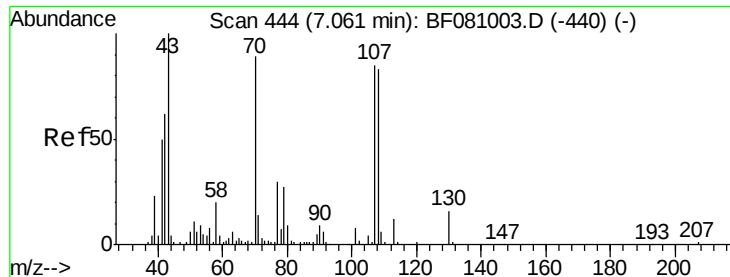
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion:	117	Resp:	59641
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.9	116.9
201	86.3	61.3	91.9





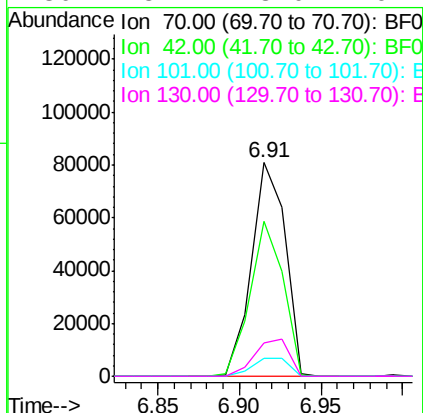
#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 6.91 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Manual Integrations
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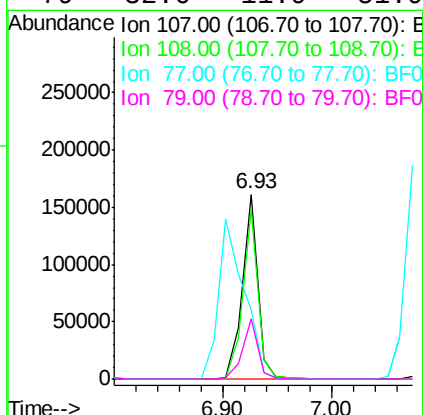
MMDadoda
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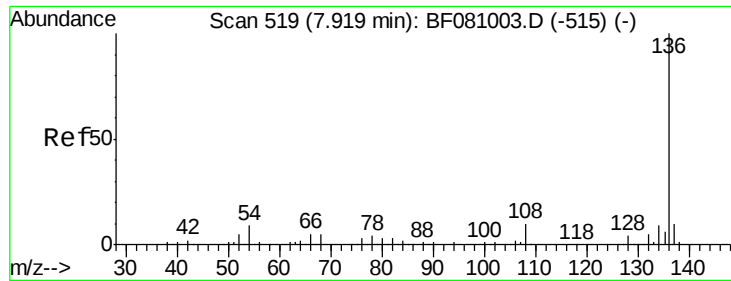
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		116460		
42	72.5	65.0	97.4		
101	8.3	7.4	11.2		
130	15.4	13.0	19.4		



#20
3+4-Methylphenols
Concen: 38.77 ng
RT: 6.93 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		156592		
108	91.5	66.1	106.1		
77	37.8	139.3	179.3#		
79	32.6	11.9	51.9		





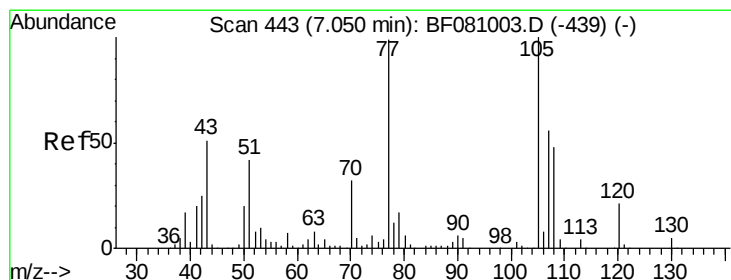
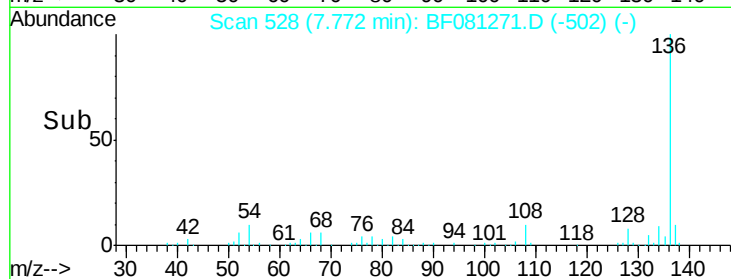
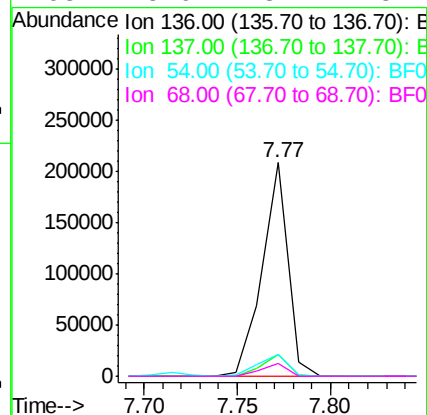
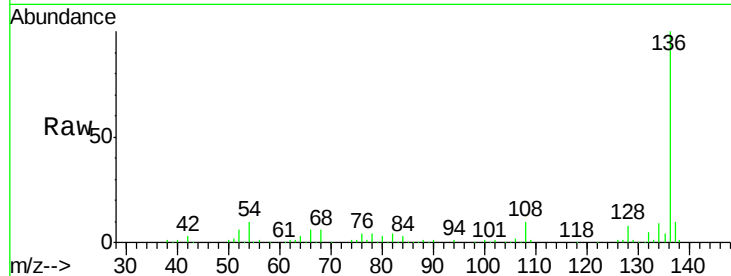
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	202246		
137	10.5	8.2	12.2	
54	10.4	7.7	11.5	
68	5.9	3.4	5.2#	

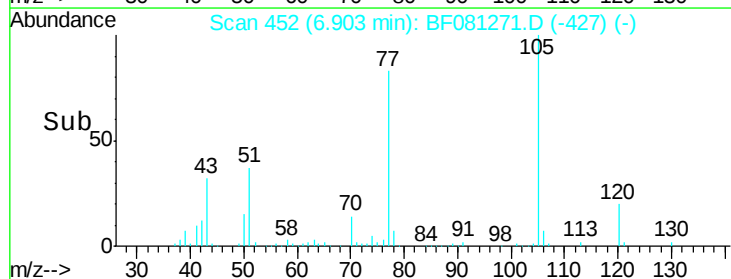
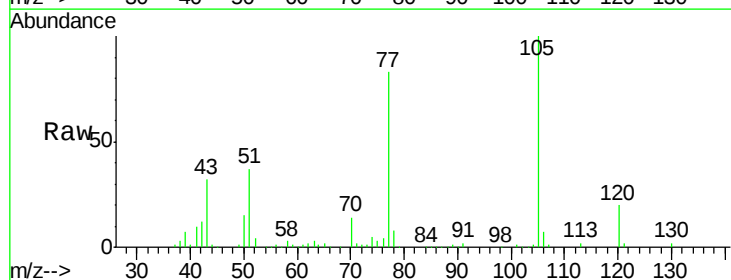
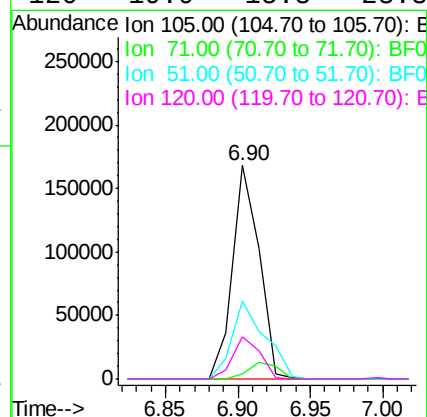
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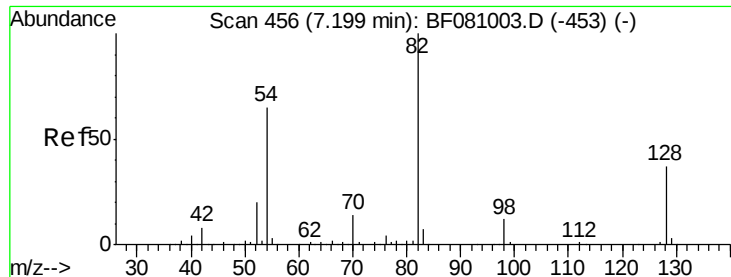
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#22
Acetophenone
Concen: 40.27 ng
RT: 6.90 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213842		
71	2.4	3.0	4.6#	
51	36.6	39.8	59.8#	
120	19.9	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 78.18 ng

RT: 7.06 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

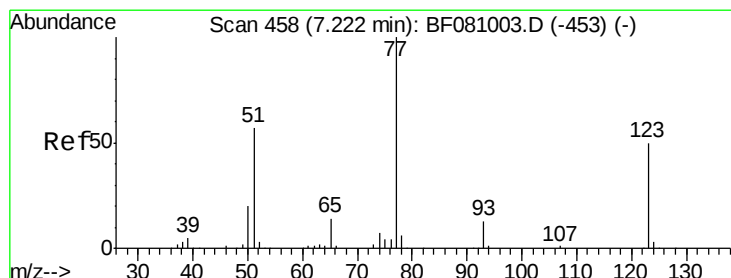
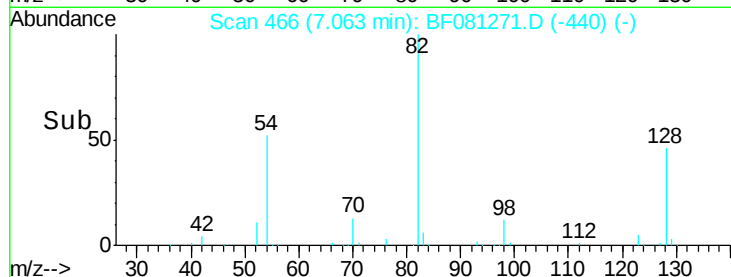
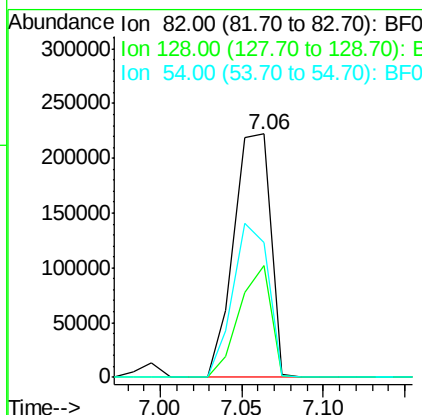
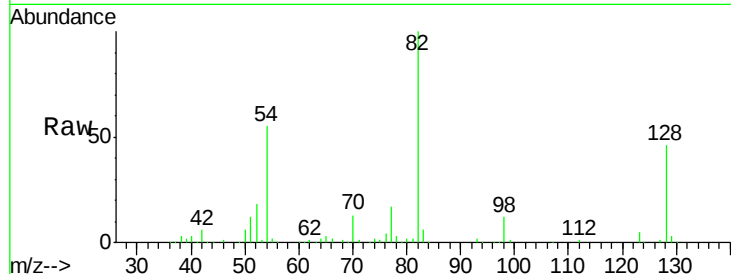
ClientSampleId :

PB85288BS

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Tgt Ion	82	Resp	346126
Ion Ratio	100	Lower	Upper
128	45.9	28.6	42.8#
54	55.4	55.1	82.7



#24

Nitrobenzene

Concen: 36.11 ng

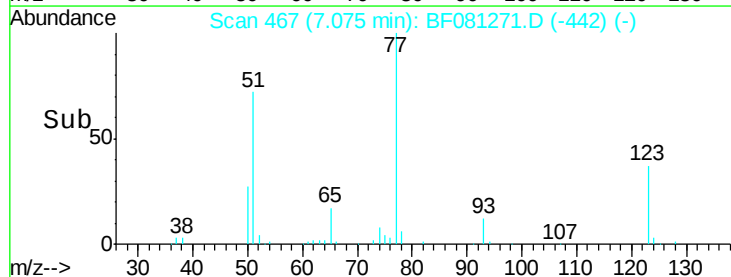
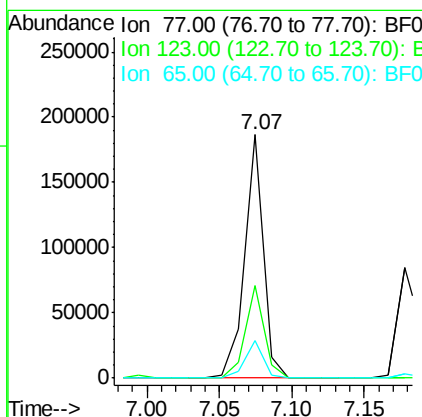
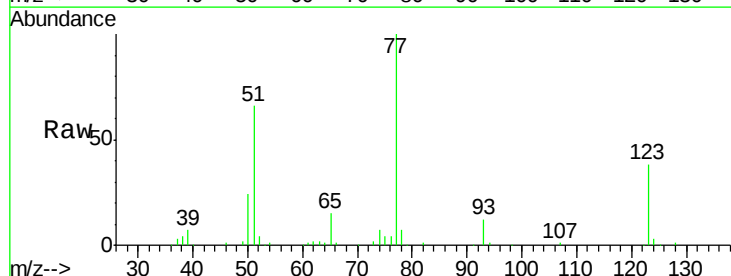
RT: 7.07 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion	77	Resp	167156
Ion Ratio	100	Lower	Upper
123	37.8	32.9	49.3
65	15.3	12.5	18.7





#25

Isophorone

Concen: 37.75 ng

RT: 7.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF081271.D

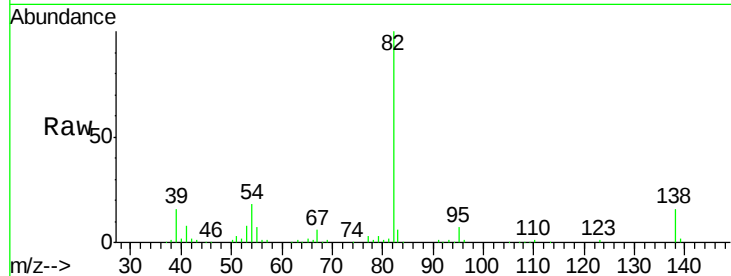
Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

ClientSampleId :

PB85288BS



Tgt Ion: 82 Resp: 311646

Ion Ratio Lower Upper

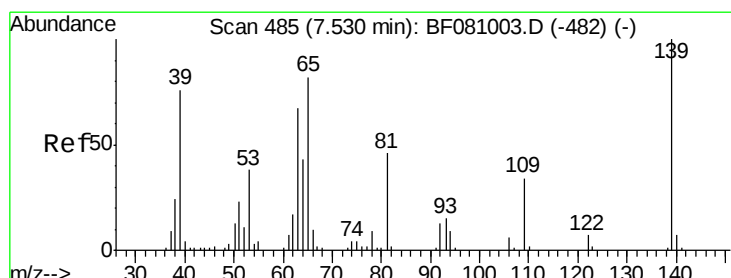
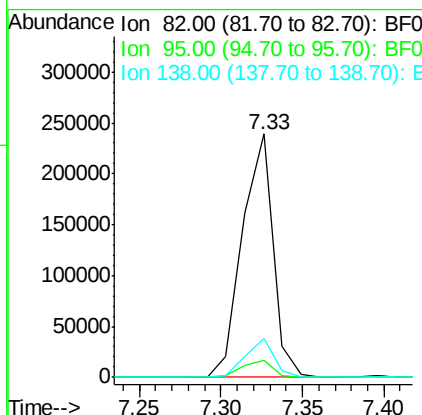
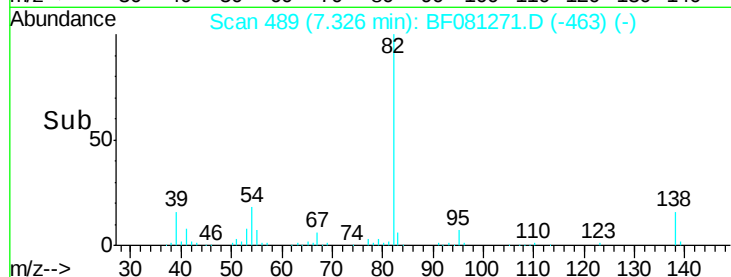
82 100

95 7.1 6.2 9.2

138 15.9 10.5 15.7#

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#26

2-Nitrophenol

Concen: 41.37 ng

RT: 7.39 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

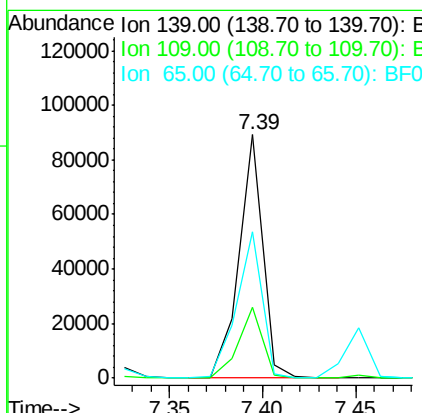
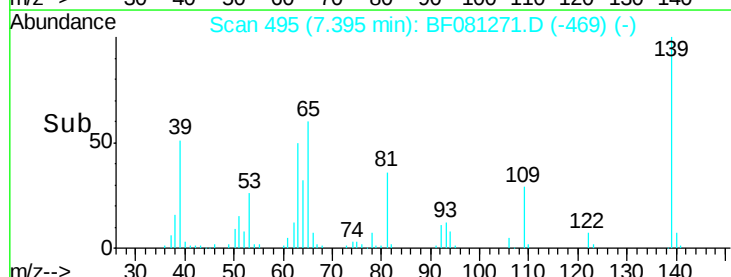
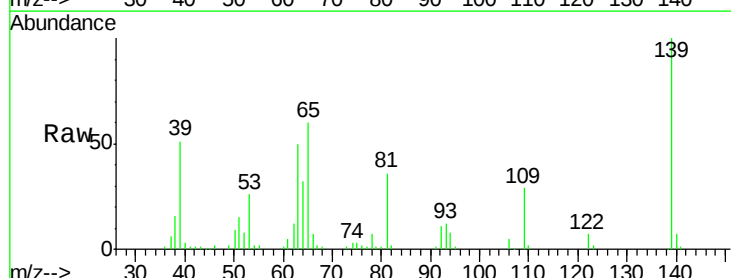
Tgt Ion: 139 Resp: 79640

Ion Ratio Lower Upper

139 100

109 29.3 32.1 48.1#

65 60.3 69.9 104.9#





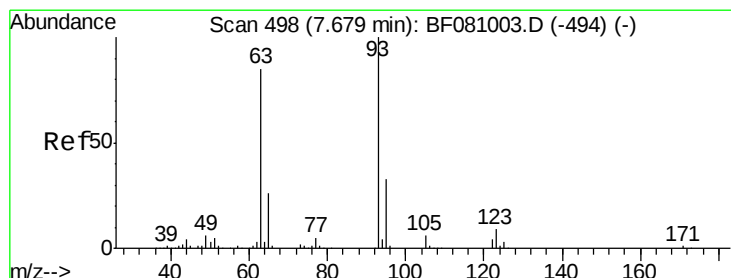
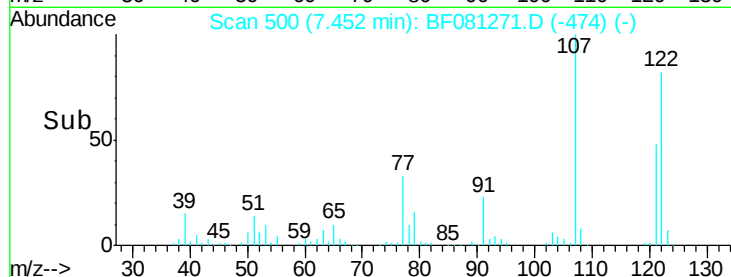
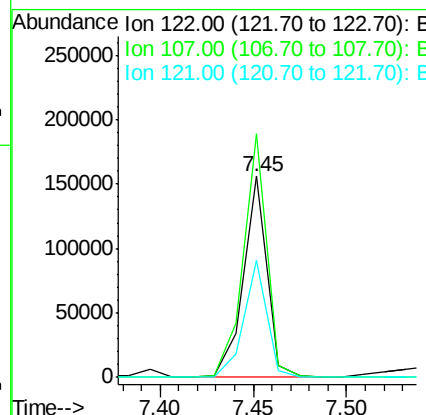
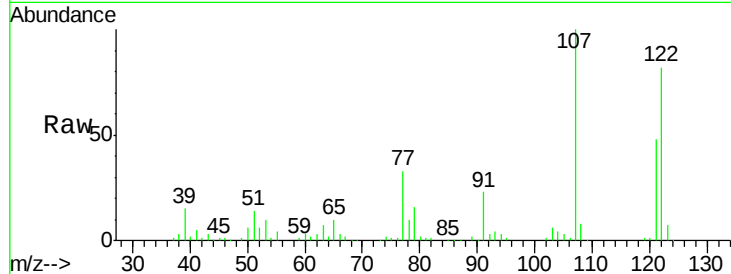
#27
 2,4-Dimethylphenol
 Concen: 40.66 ng
 RT: 7.45 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleID :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	138470		
107	121.3	103.8	155.6	
121	58.1	47.0	70.4	

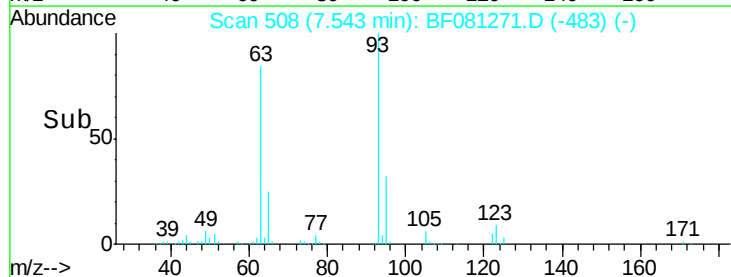
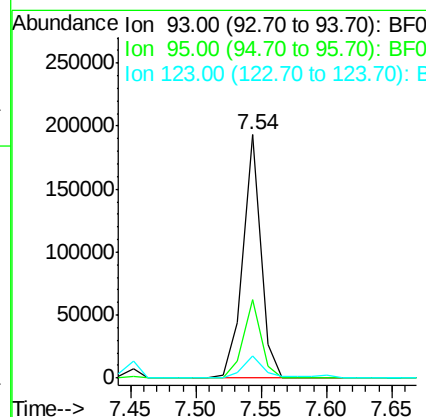
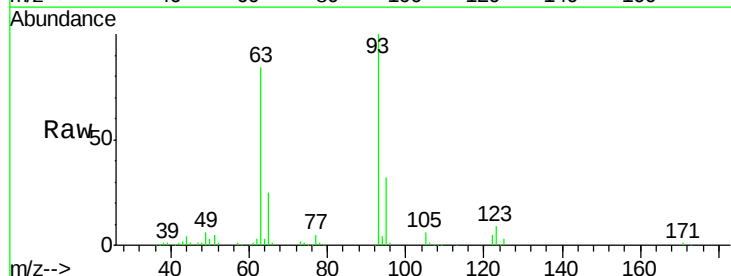
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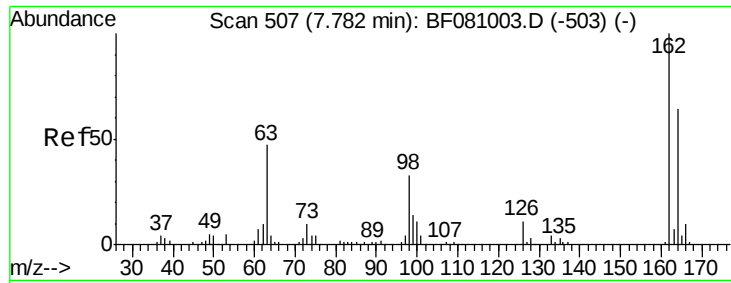
MMDadoda
 8/31/2015 1:58:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.51 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	182979		
95	32.1	25.8	38.8	
123	9.3	7.4	11.0	





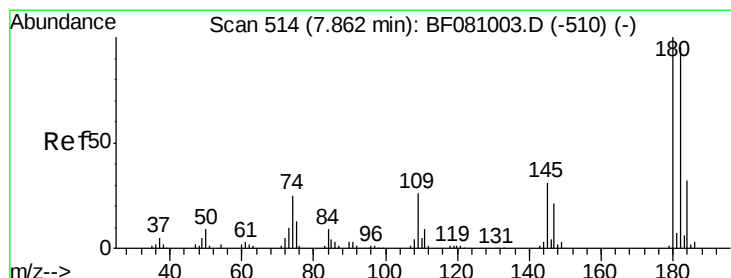
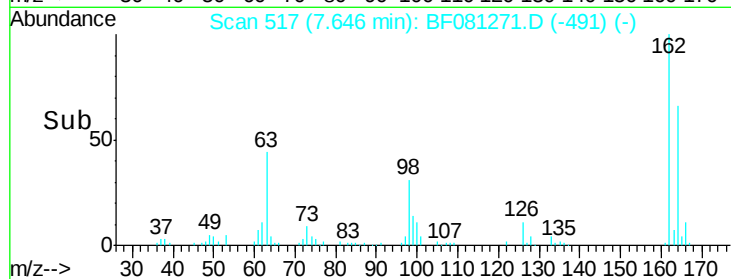
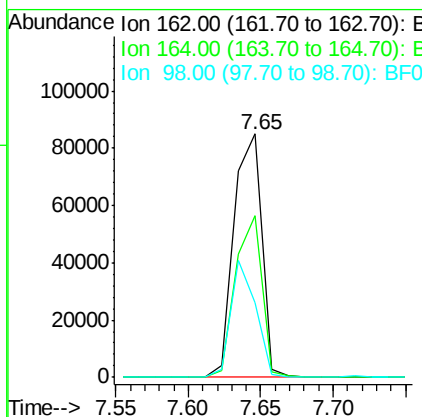
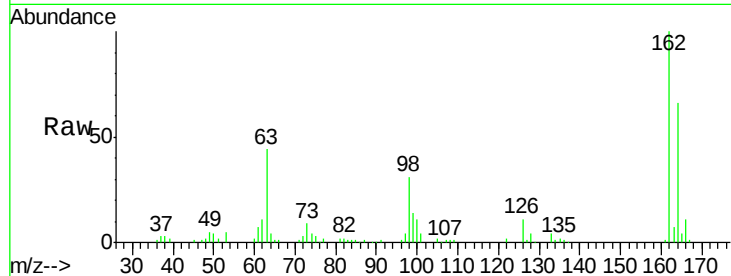
#29
2,4-Dichlorophenol
Concen: 39.43 ng
RT: 7.65 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.3	43.2	83.2
98	30.8	12.3	52.3

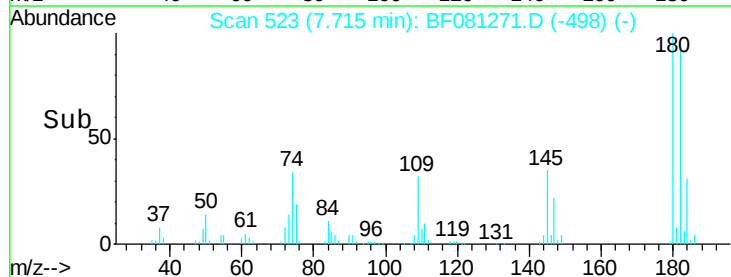
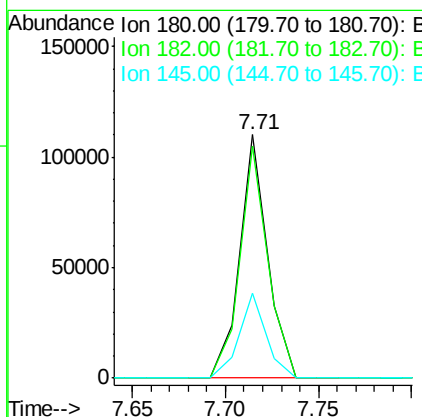
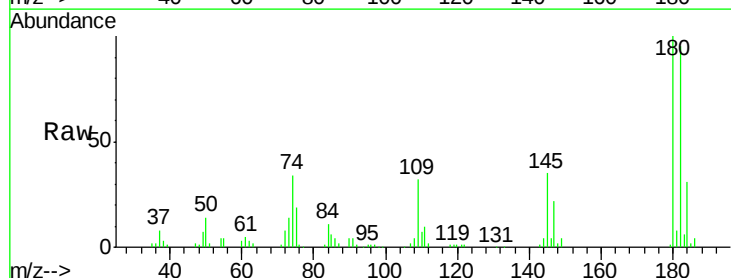
Manual Integrations
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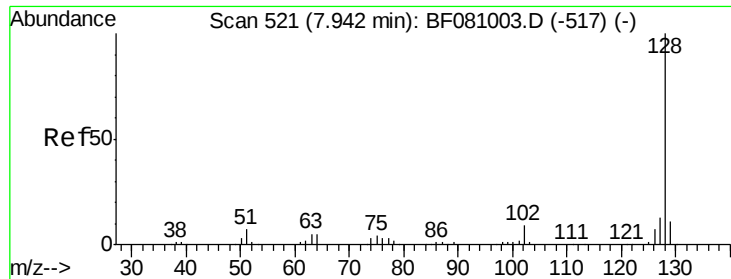
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 35.95 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.4	114.6
145	34.7	25.4	38.2





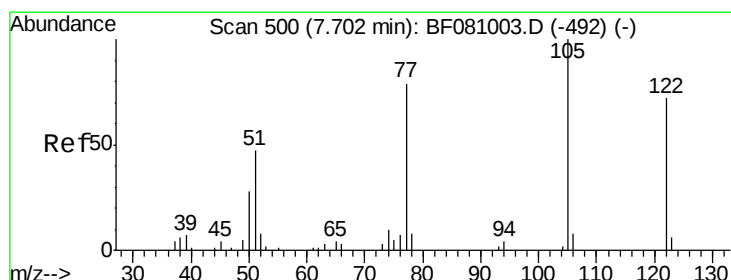
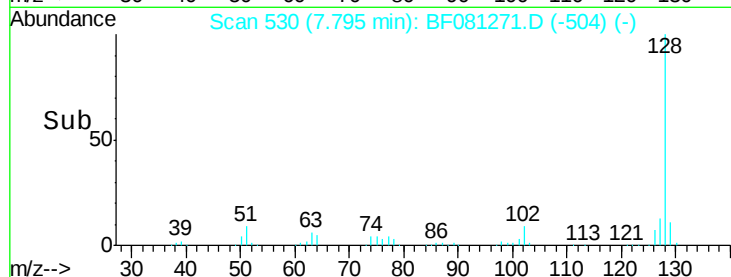
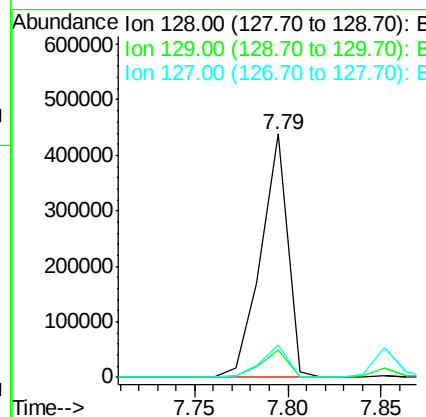
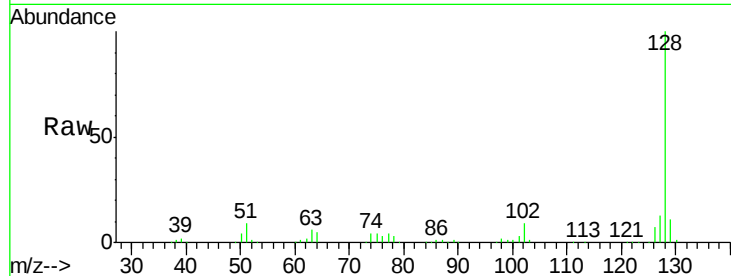
#31
Naphthalene
Concen: 38.64 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	435641		
129	11.3	8.4	12.6	
127	13.2	10.6	16.0	

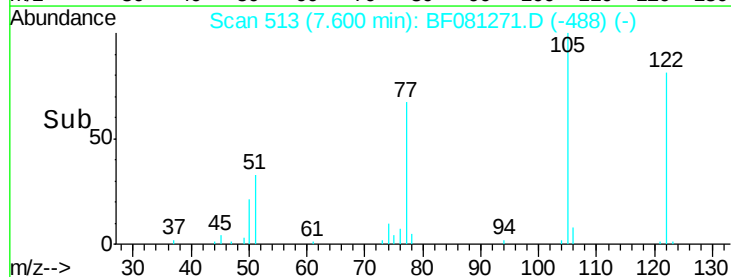
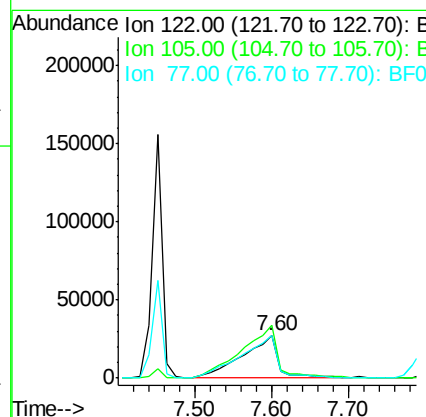
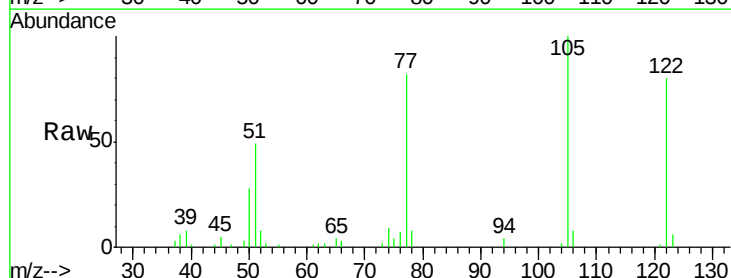
Manual Integrations
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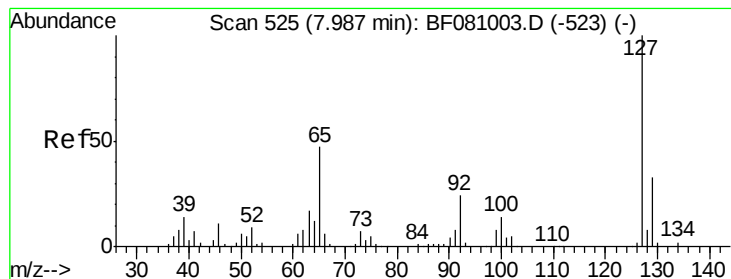
MMDadoda
8/31/2015 1:58:38 PM



#32
Benzoic acid
Concen: 44.66 ng
RT: 7.60 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

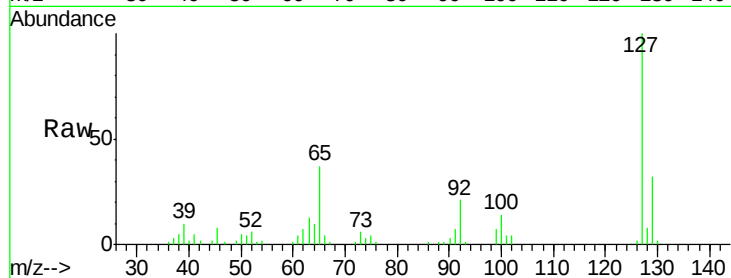
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85552		
105	124.5	113.8	153.8	
77	102.0	93.8	133.8	





#33
 4-Chloroaniline
 Concen: 11.13 ng
 RT: 7.85 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

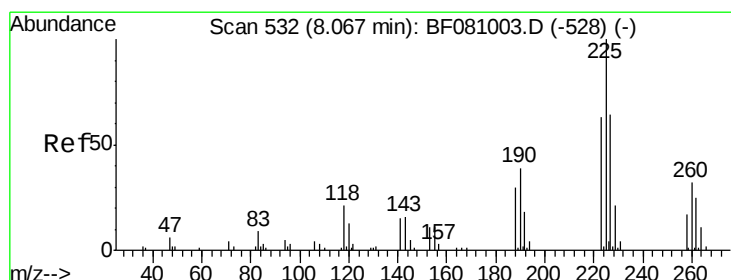
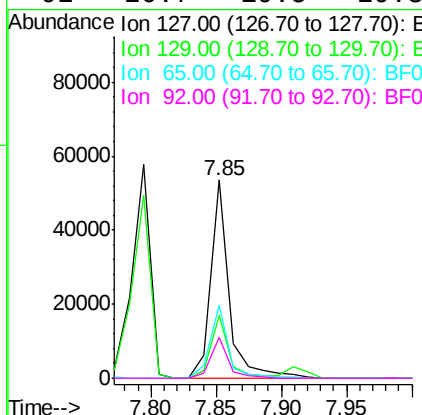
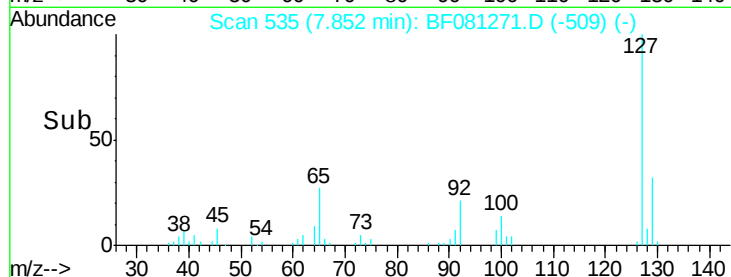
Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	52955		
129	31.5	25.2	37.8	
65	37.1	37.8	56.6	
92	20.7	19.5	29.3	

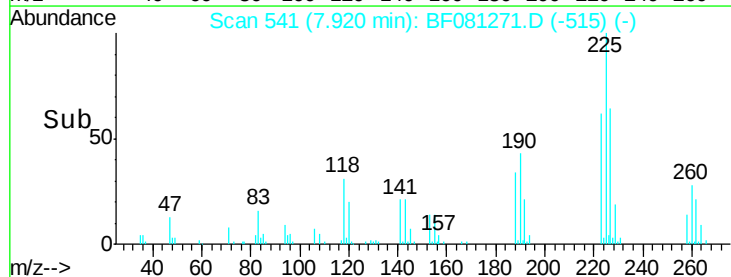
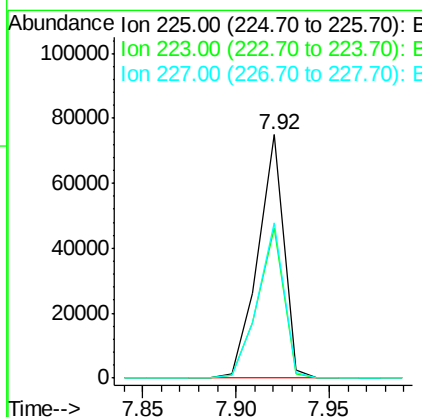
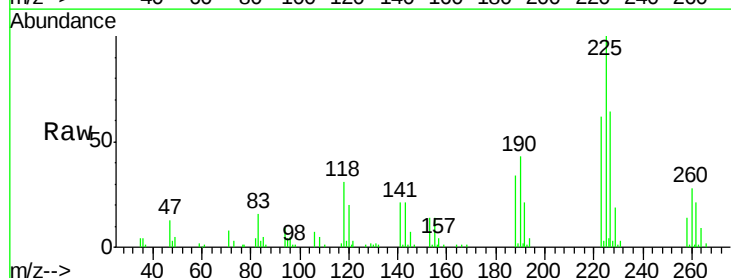
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#34
 Hexachlorobutadiene
 Concen: 39.99 ng
 RT: 7.92 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72060		
223	61.6	52.6	79.0	
227	64.0	51.1	76.7	





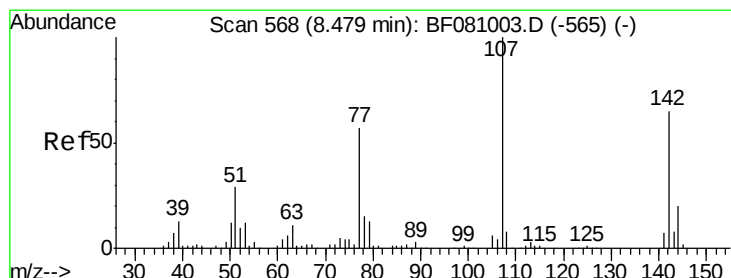
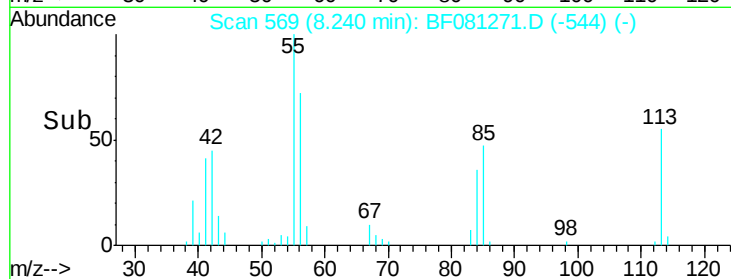
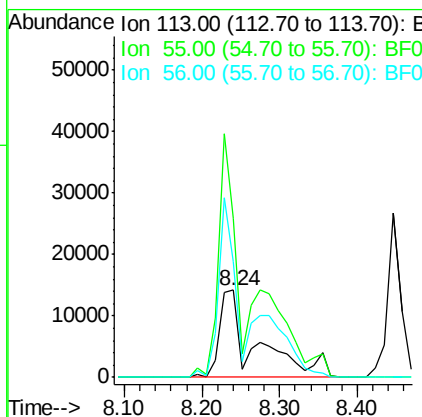
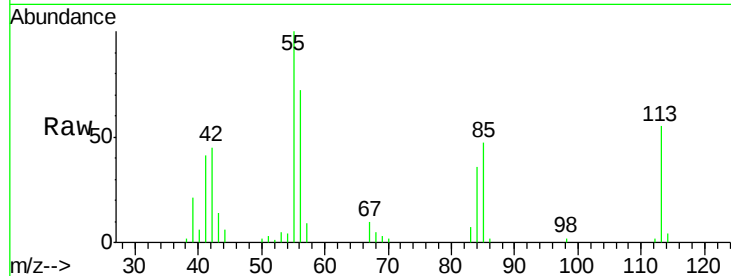
#35
 Caprolactam
 Concen: 45.01 ng m
 RT: 8.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.7	280.4	320.4#
56	132.2	205.9	245.9#

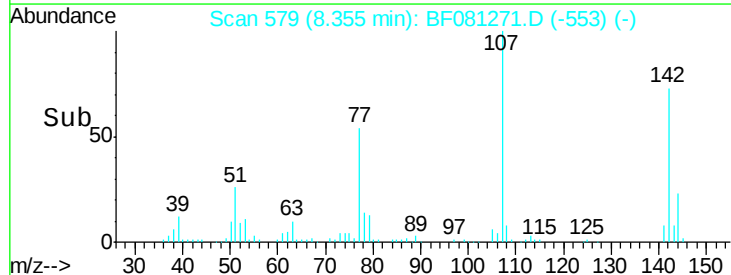
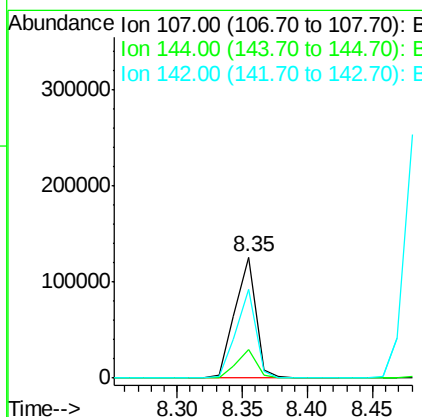
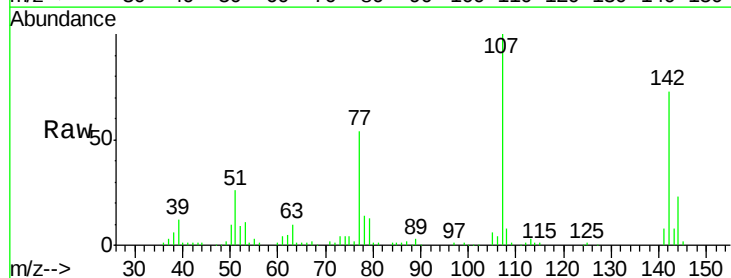
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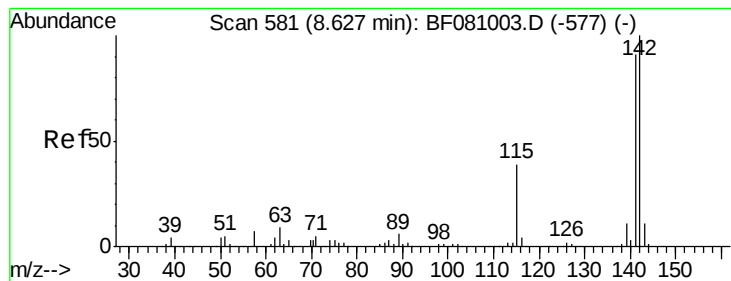
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 8/31/2015 1:58:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.99 ng
 RT: 8.35 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	17.2	25.8
142	73.5	54.9	82.3





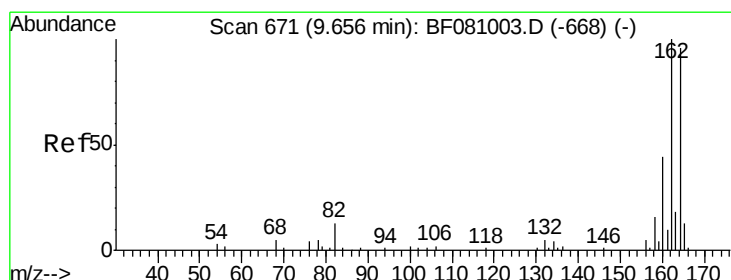
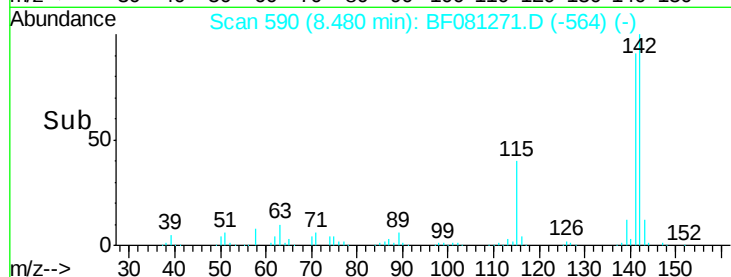
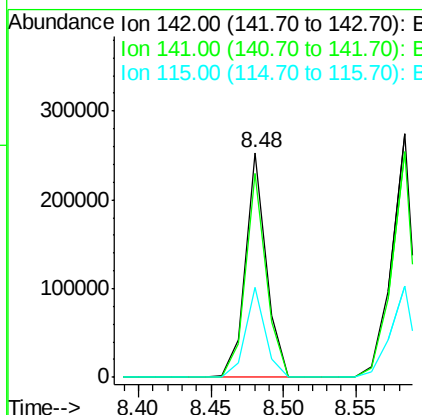
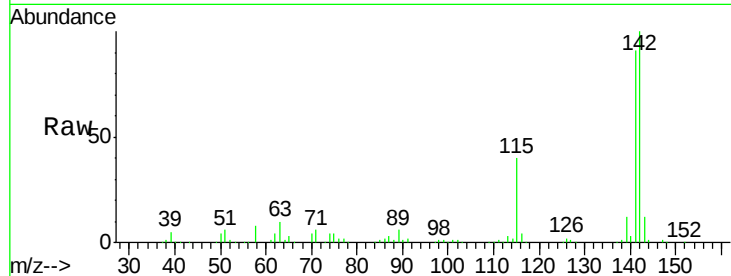
#37
 2-Methylnaphthalene
 Concen: 35.43 ng
 RT: 8.48 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	252283		
141	90.6	71.4	107.2	
115	40.1	33.4	50.0	

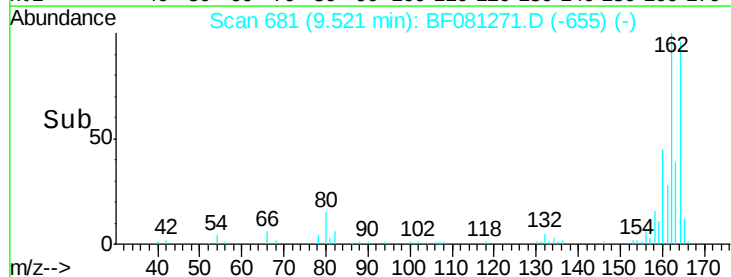
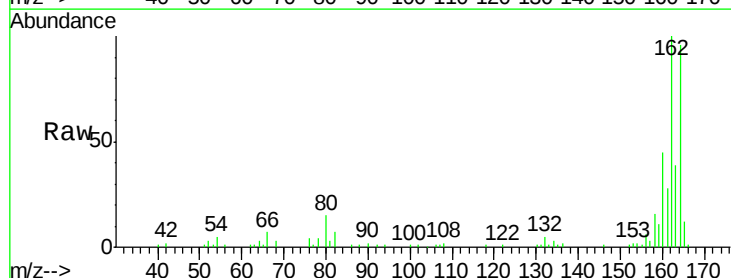
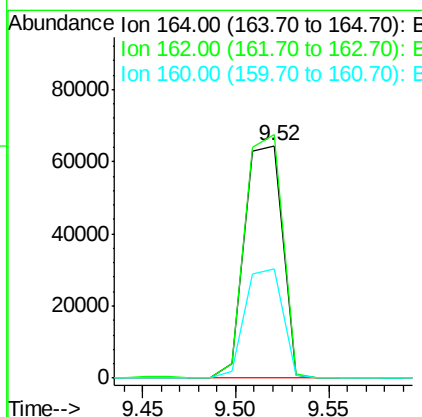
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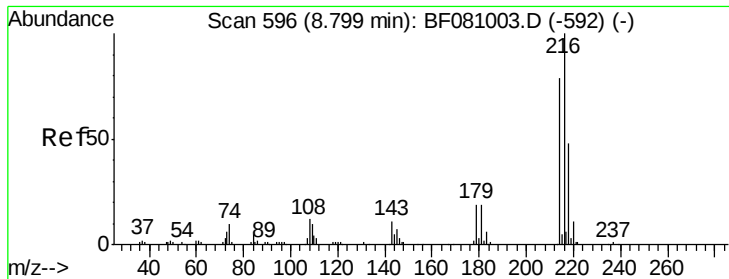
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90474		
162	104.6	83.8	125.8	
160	47.0	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.27 ng

RT: 8.65 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

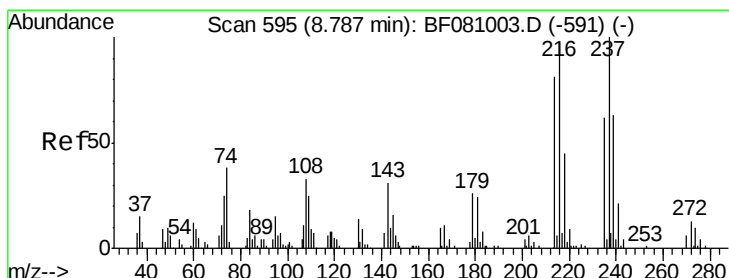
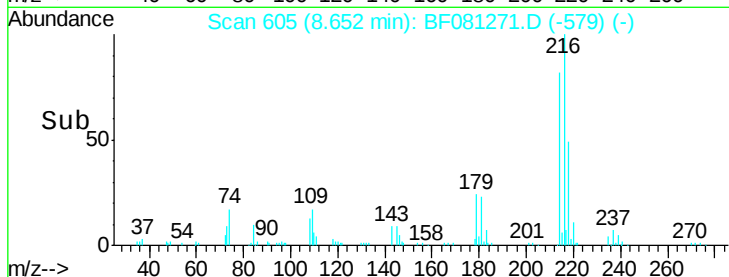
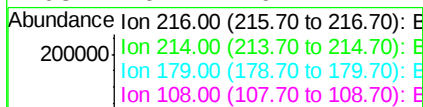
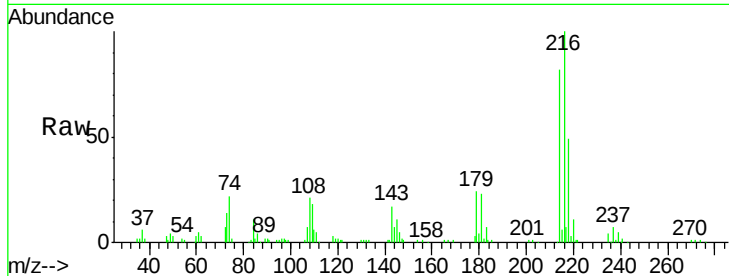
ClientSampleId :

PB85288BS

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	114619		
214	82.4	63.8	95.8	
179	24.0	17.8	26.8	
108	26.1	16.2	24.2	



#40

Hexachlorocyclopentadiene

Concen: 84.81 ng

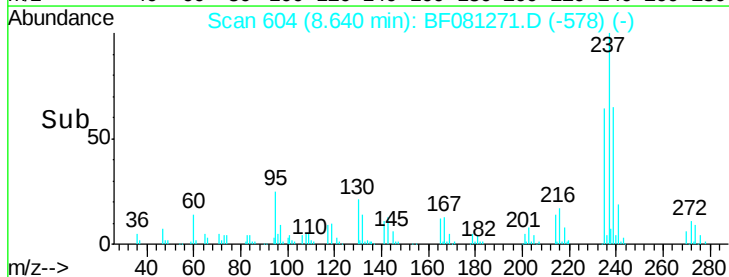
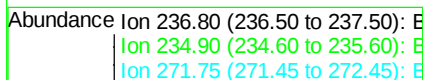
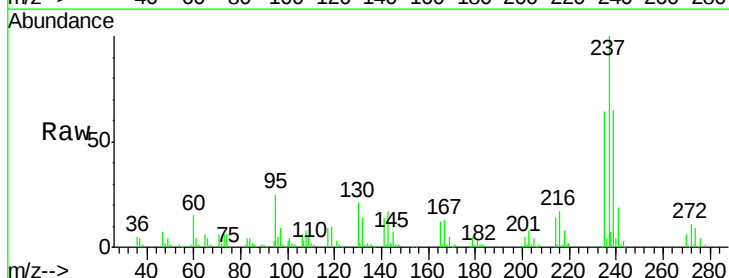
RT: 8.64 min Scan# 604

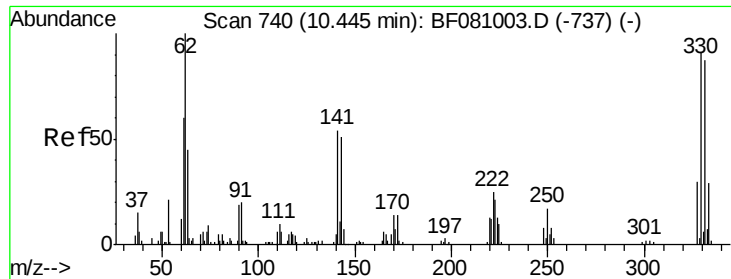
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

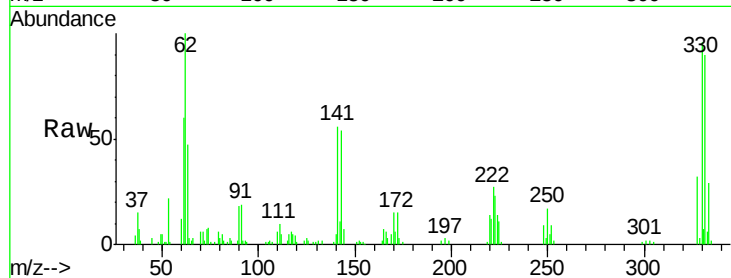
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	128137		
235	64.1	43.6	83.6	
272	11.1	0.0	32.2	





#41
 2,4,6-Tribromophenol
 Concen: 75.85 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

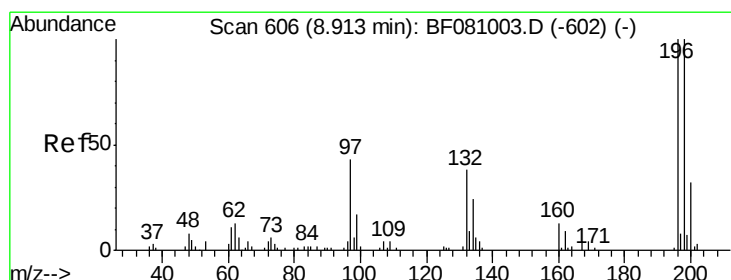
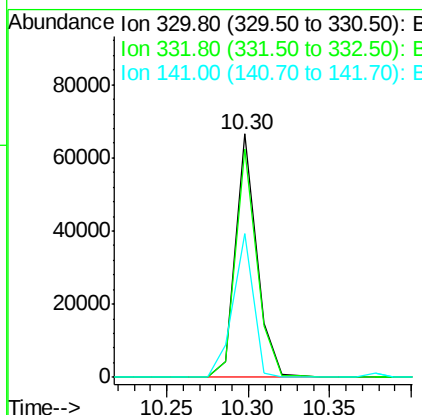
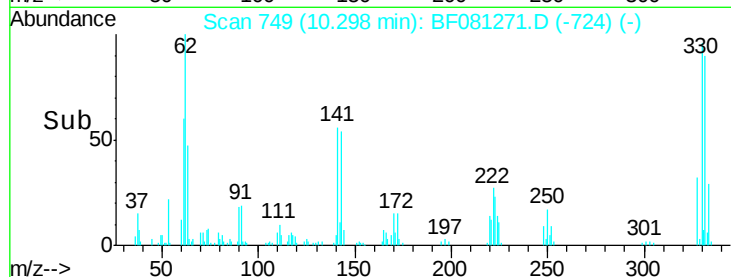
Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	59488		
332	94.4	77.3	115.9	
141	56.7	44.9	67.3	

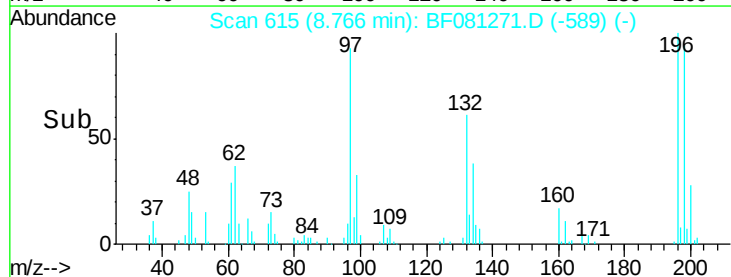
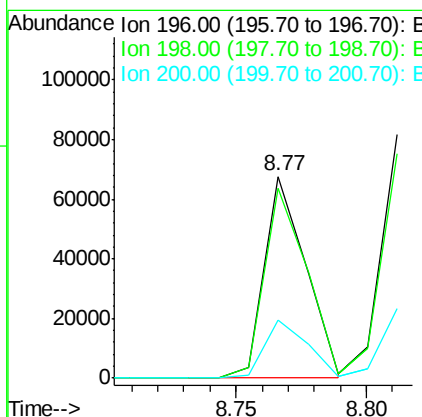
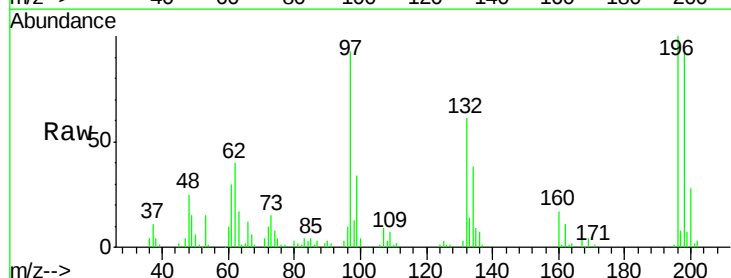
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#42
 2,4,6-Trichlorophenol
 Concen: 35.84 ng
 RT: 8.77 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73902		
198	93.9	74.6	111.8	
200	28.5	22.7	34.1	





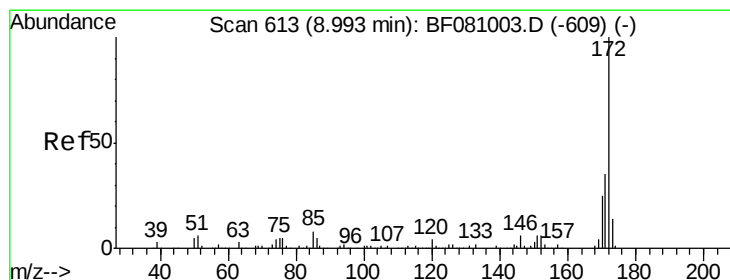
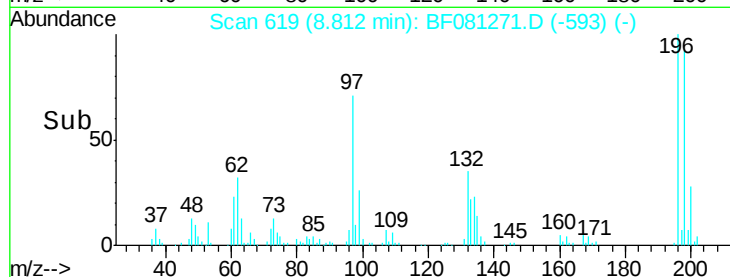
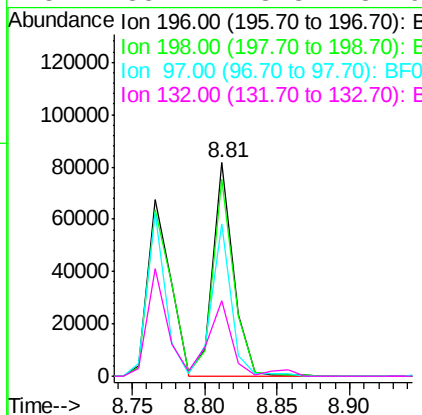
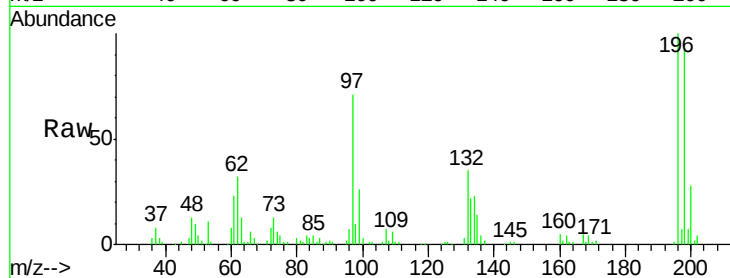
#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 8.81 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Manual Integrations
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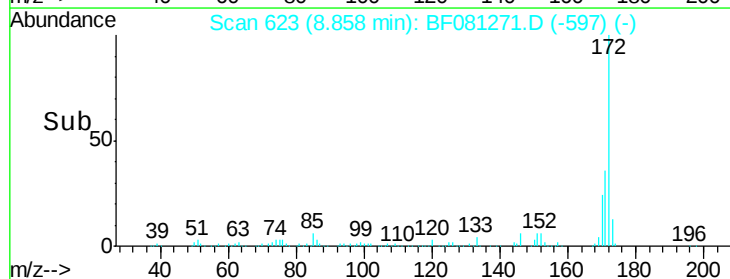
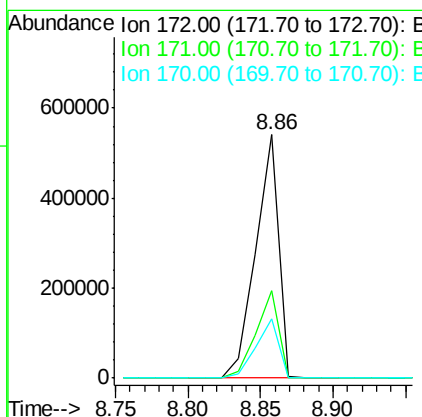
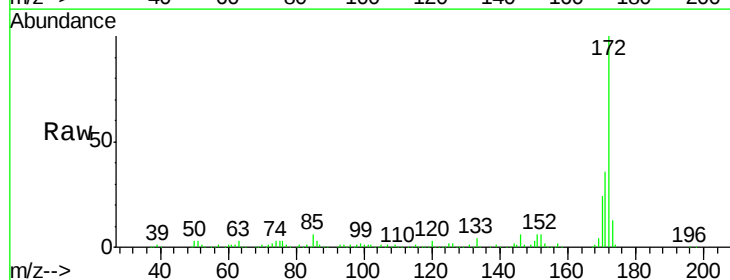
MMDadoda
 8/31/2015 1:58:38 PM

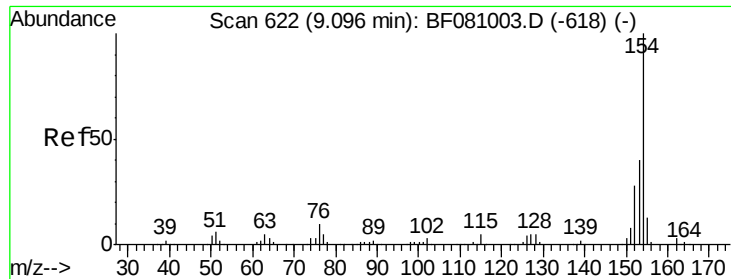
Tgt Ion:	196	Resp:	81228
Ion Ratio	Lower	Upper	
196	100		
198	92.3	78.3	117.5
97	71.3	42.7	64.1#
132	35.2	23.3	34.9#



#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion:	172	Resp:	593602
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.9	43.3
170	24.4	19.4	29.2





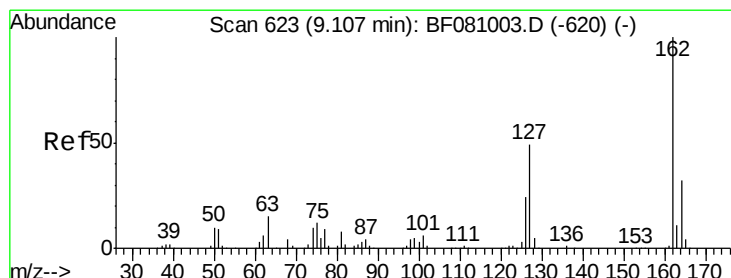
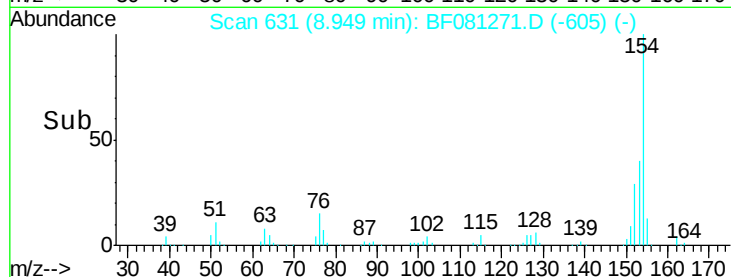
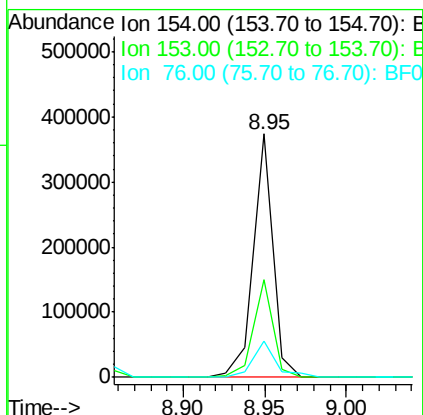
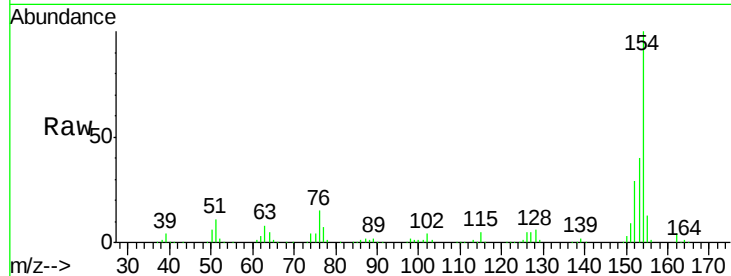
#45
 1,1'-Biphenyl
 Concen: 39.47 ng
 RT: 8.95 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	19.5	59.5	
76	14.9	0.0	29.3	

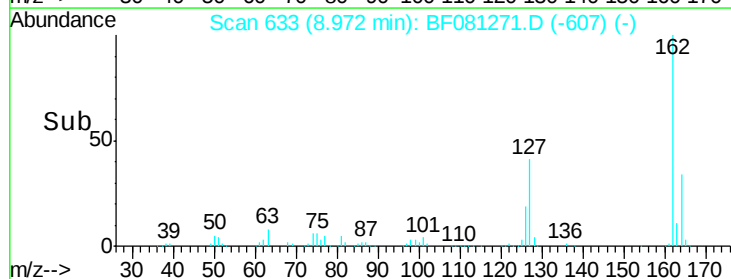
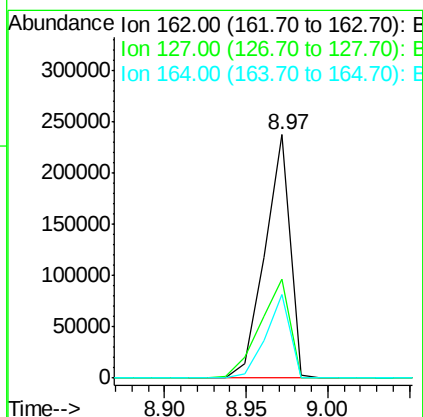
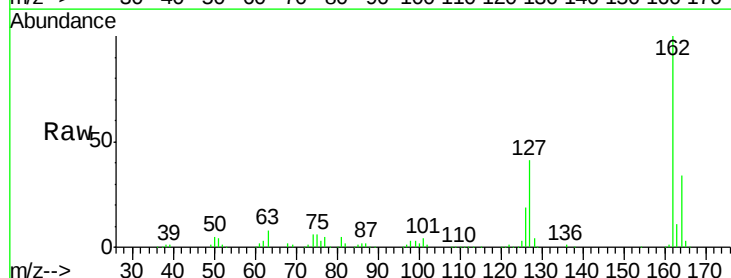
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#46
 2-Chloronaphthalene
 Concen: 39.80 ng
 RT: 8.97 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	31.3	46.9	
164	34.2	26.3	39.5	





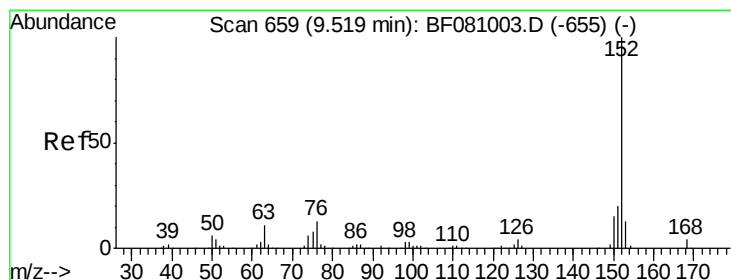
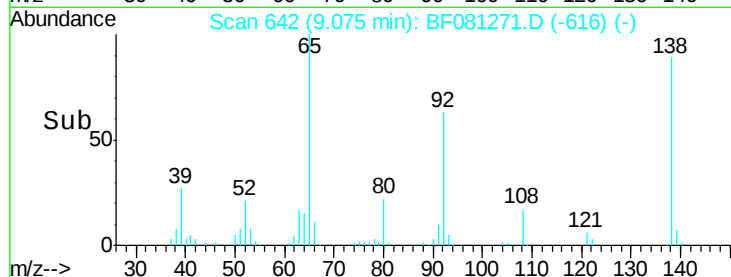
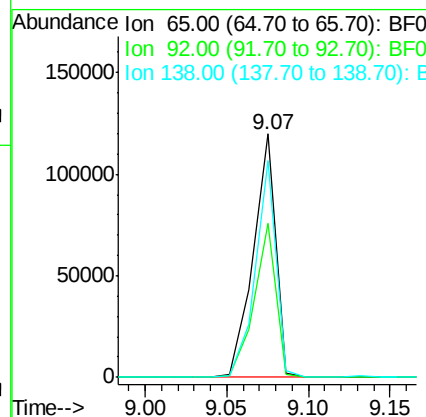
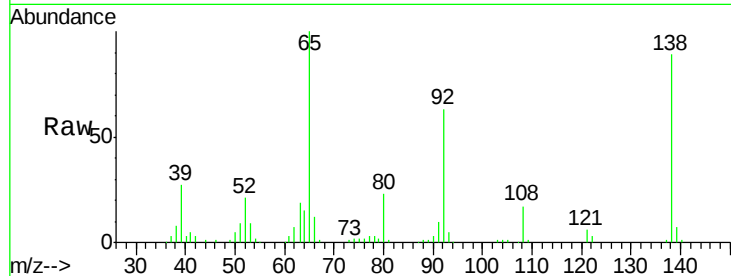
#47
2-Nitroaniline
Concen: 43.71 ng
RT: 9.07 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	63.4	45.6	68.4
138	88.8	57.9	86.9

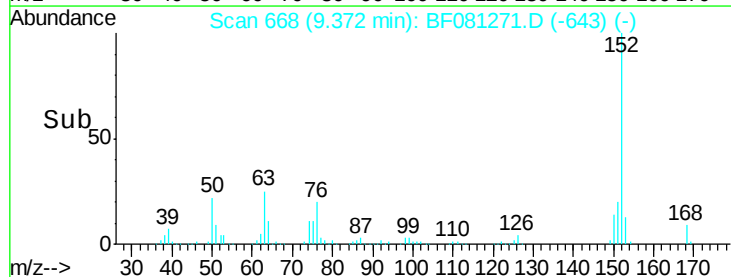
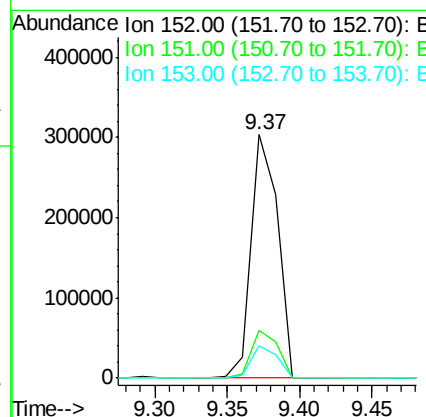
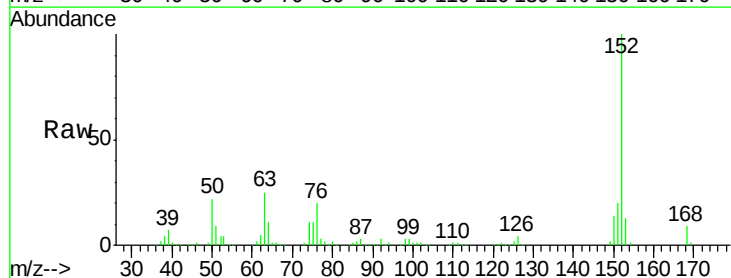
Manual Integrations
APPROVED

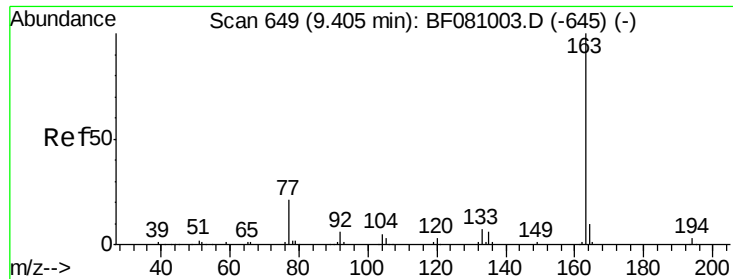
MMDadoda
8/31/2015 1:58:38 PM



#48
Acenaphthylene
Concen: 33.67 ng
RT: 9.37 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.4	9.8	14.6





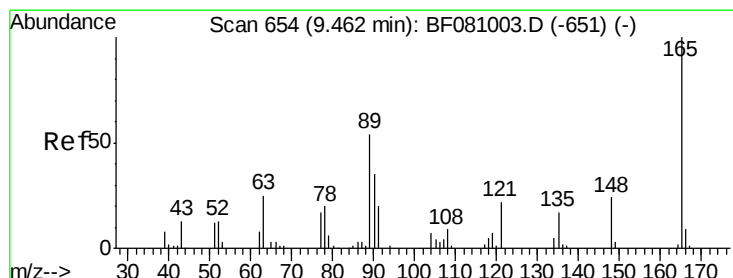
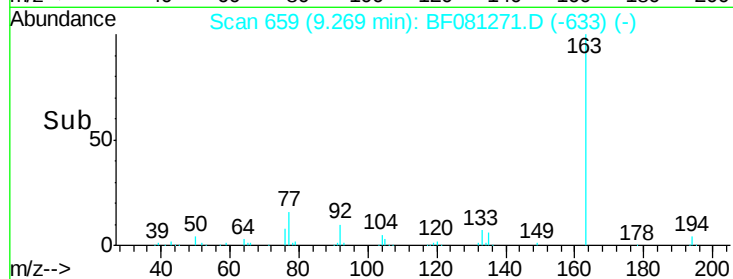
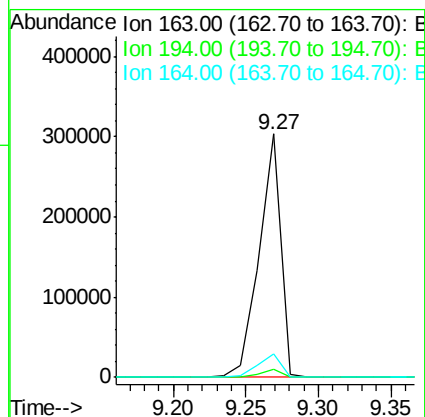
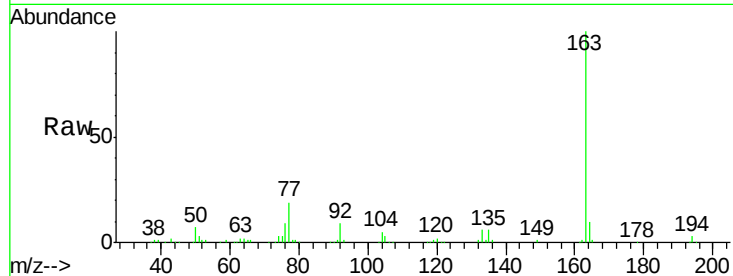
#49
Dimethylphthalate
Concen: 42.16 ng
RT: 9.27 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.5	3.7
164	9.9	8.1	12.1

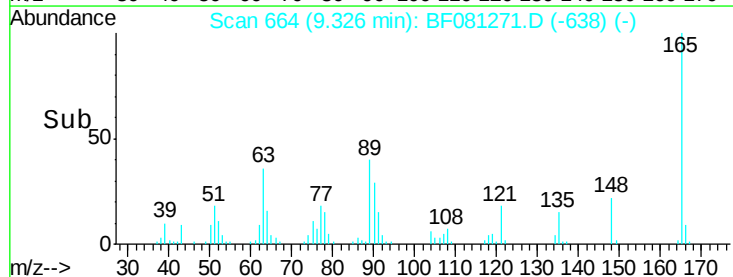
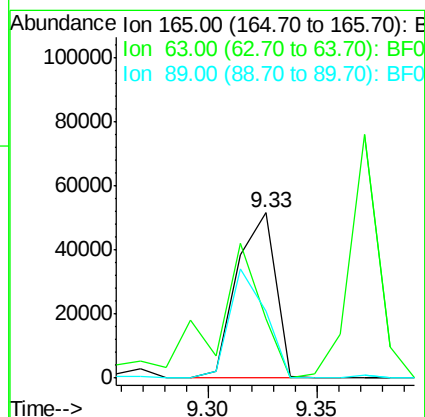
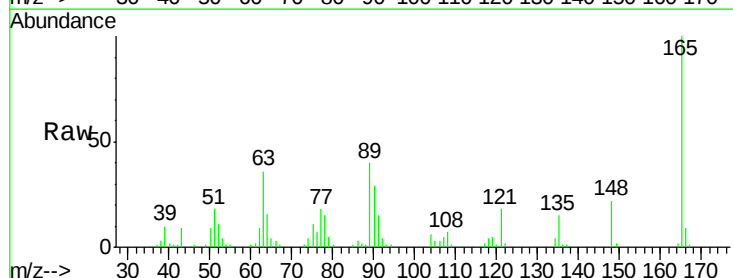
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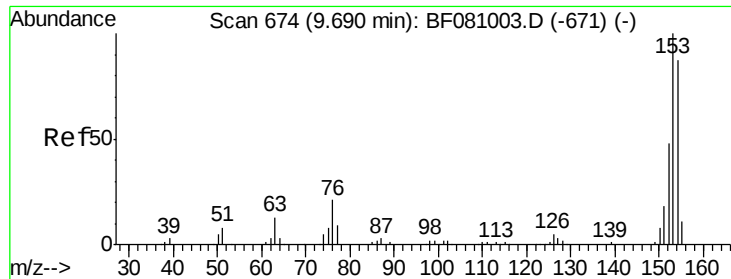
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 39.77 ng
RT: 9.33 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.1	49.5	74.3#
89	40.2	47.6	71.4#





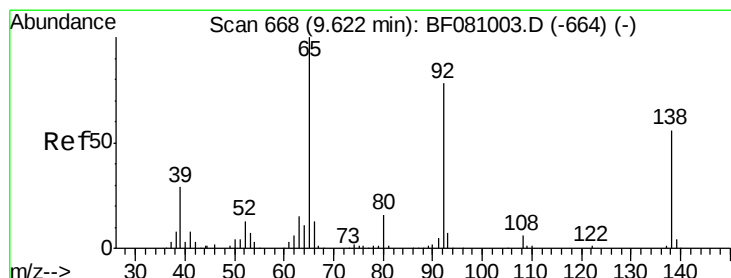
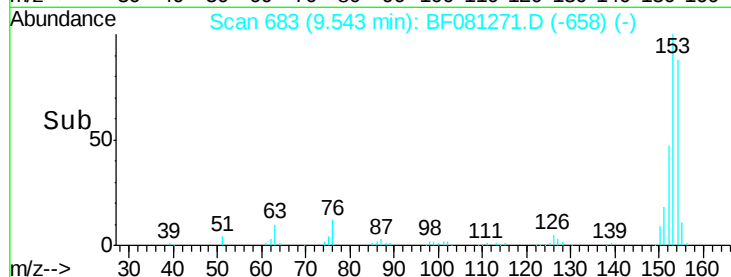
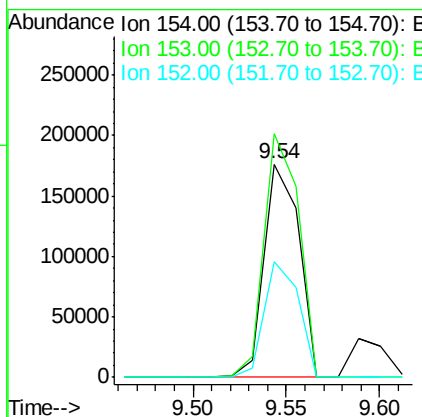
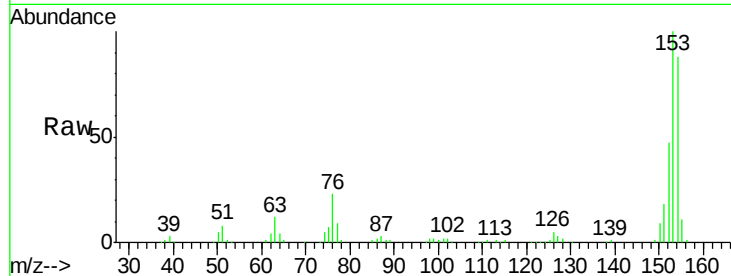
#51
Acenaphthene
Concen: 33.27 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampled :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	228093		
153	114.2	91.4	137.2	
152	54.2	43.7	65.5	

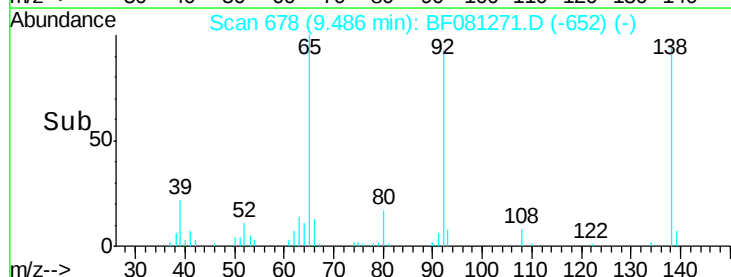
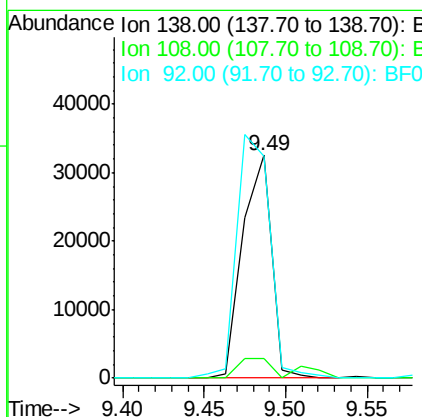
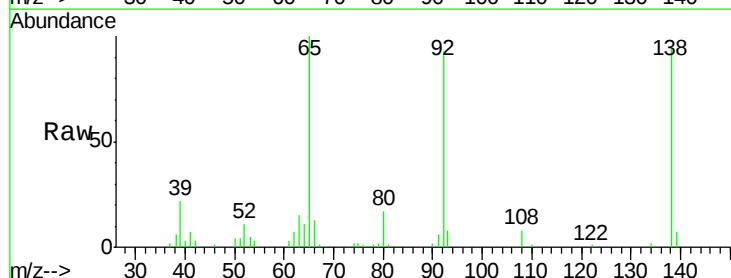
Manual Integrations
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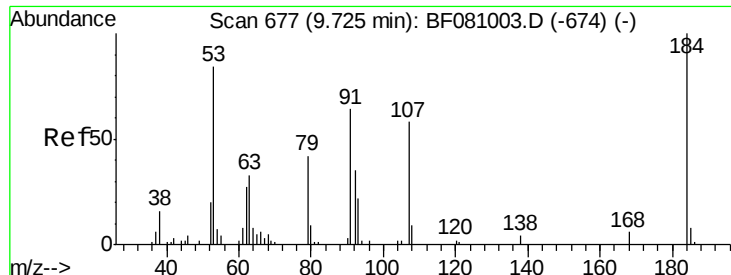
MMDadoda
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#52
3-Nitroaniline
Concen: 19.84 ng
RT: 9.49 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

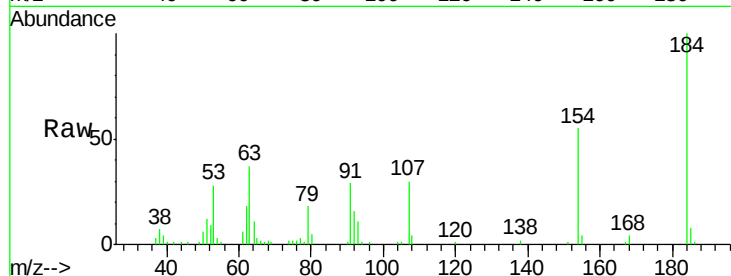
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	39718		
108	9.0	9.4	14.2#	
92	99.6	113.2	169.8#	





#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 9.60 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

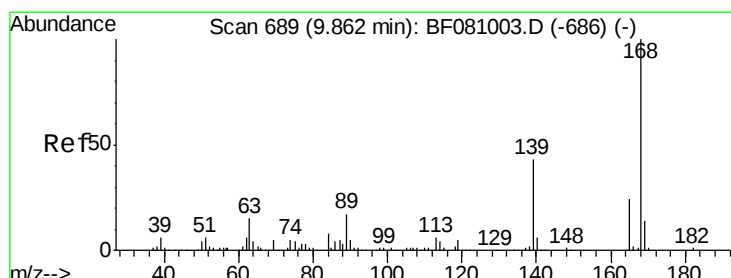
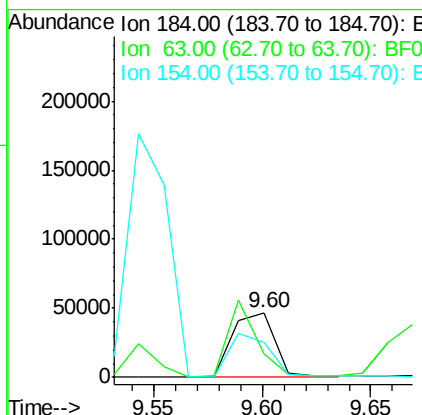
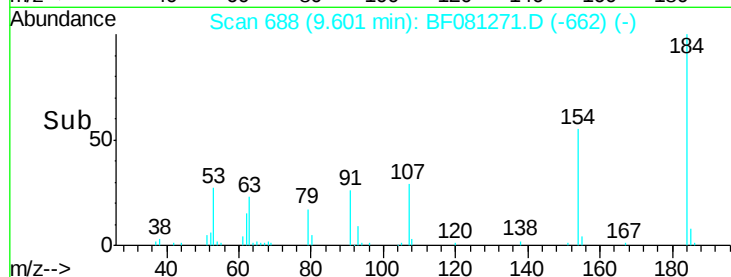
Instrument :
BNA_F
ClientSampleId :
PB85288BS



Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.2	101.7	152.5#
154	54.8	67.4	101.0#

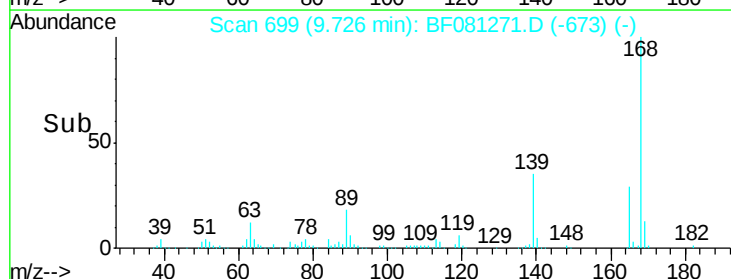
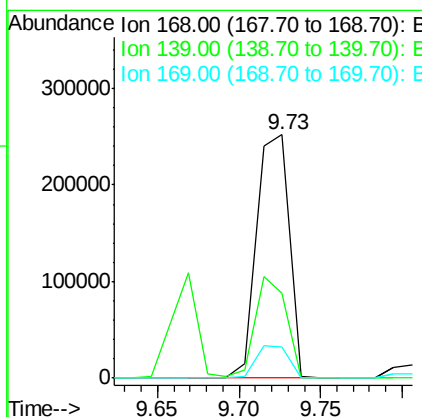
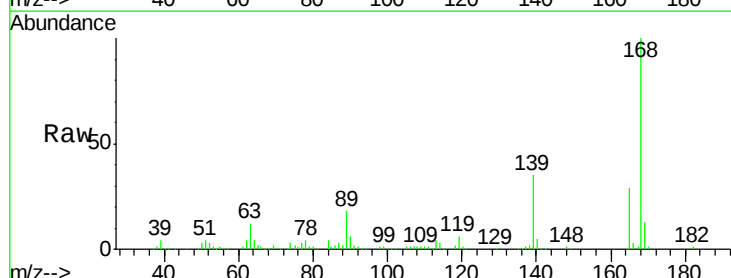
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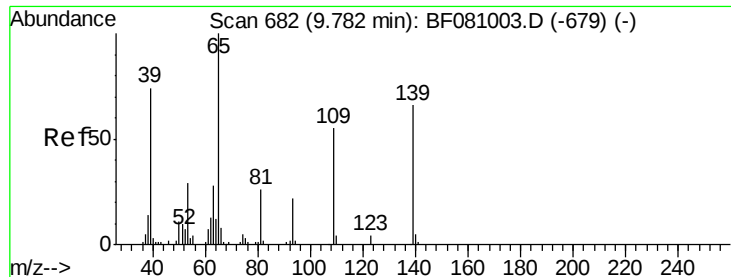
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#54
Dibenzofuran
Concen: 38.15 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	29.3	43.9
169	12.9	10.3	15.5





#55

4-Nitrophenol

Concen: 84.99 ng

RT: 9.67 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

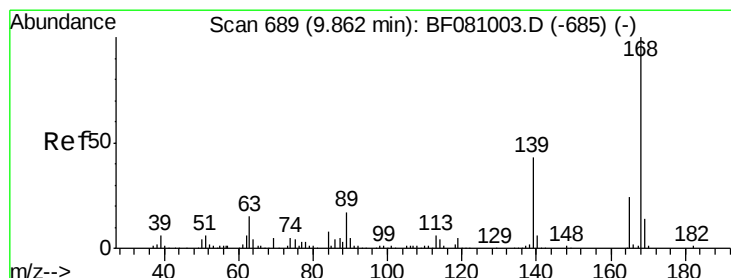
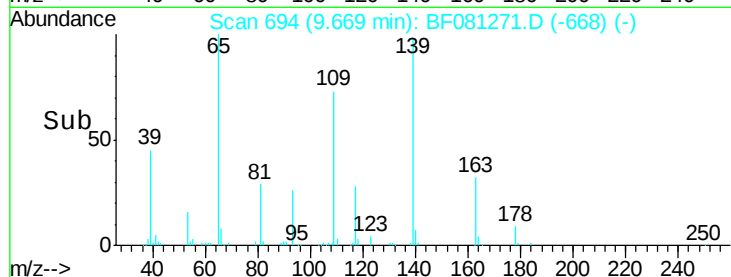
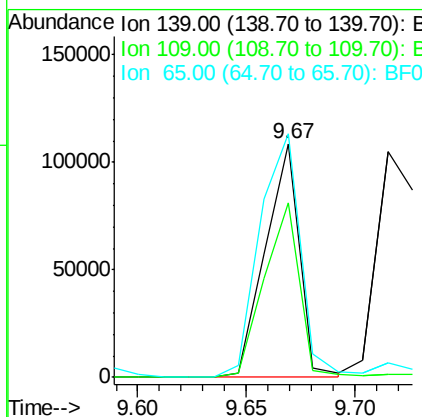
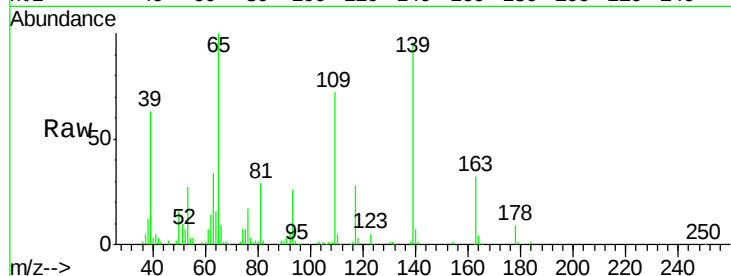
ClientSampleId :

PB85288BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119498		
109	74.8	80.0	120.0#	
65	104.3	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 40.18 ng

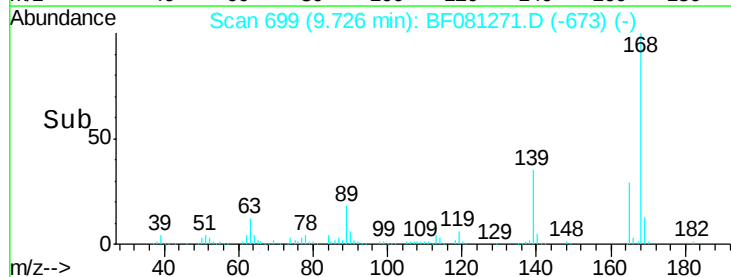
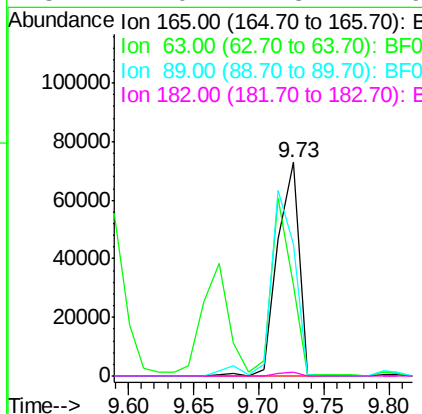
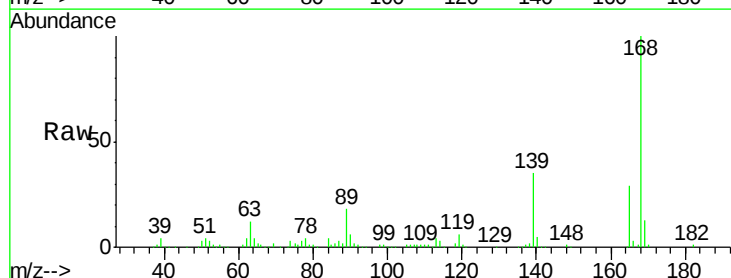
RT: 9.73 min Scan# 699

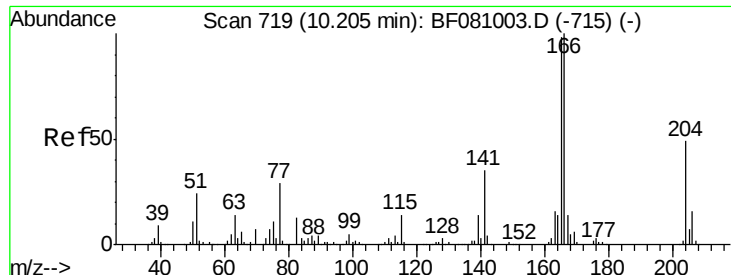
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85191		
63	42.7	52.2	78.4#	
89	62.0	60.1	90.1	
182	2.0	1.8	2.6	





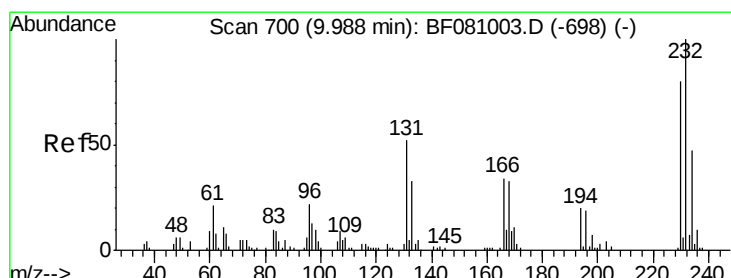
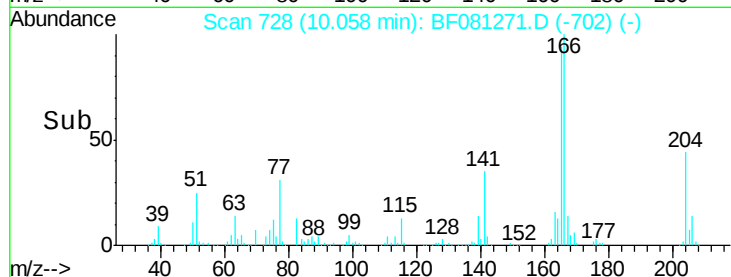
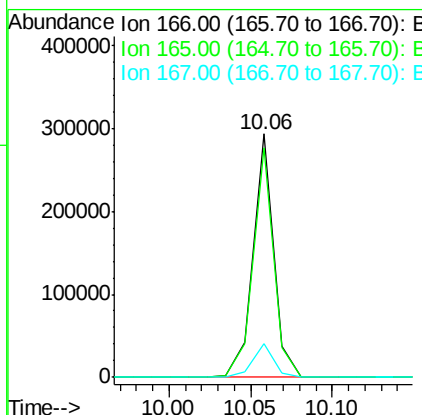
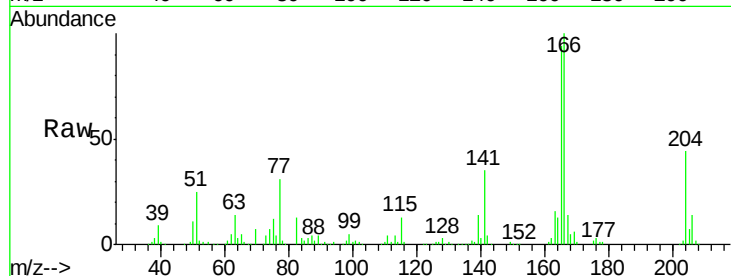
#57
 Fluorene
 Concen: 36.44 ng
 RT: 10.06 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	257516		
165	94.3	75.8	113.8	
167	13.7	11.3	16.9	

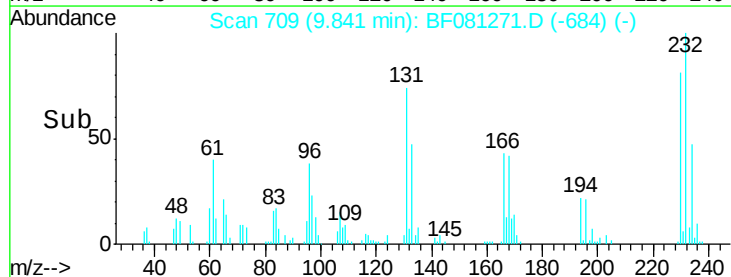
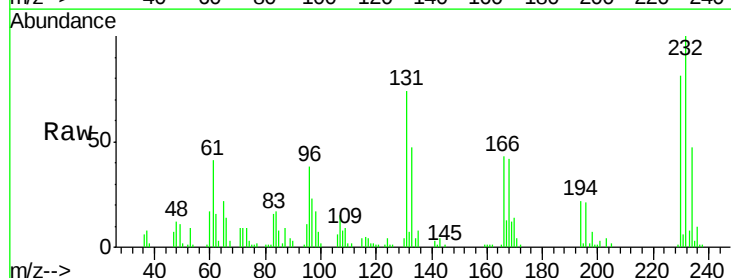
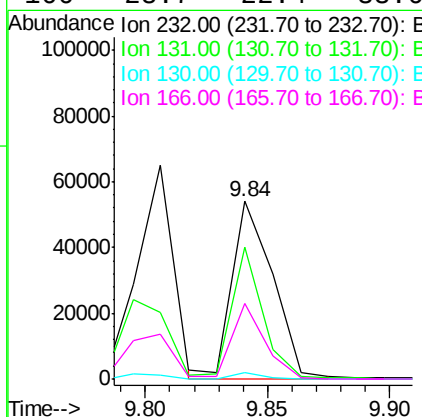
Manual Integrations
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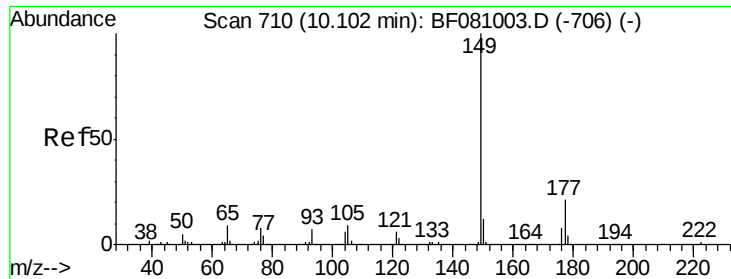
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.04 ng m
 RT: 9.84 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	62274		
131	50.3	42.2	63.4	
130	2.8	2.1	3.1	
166	28.7	22.4	33.6	





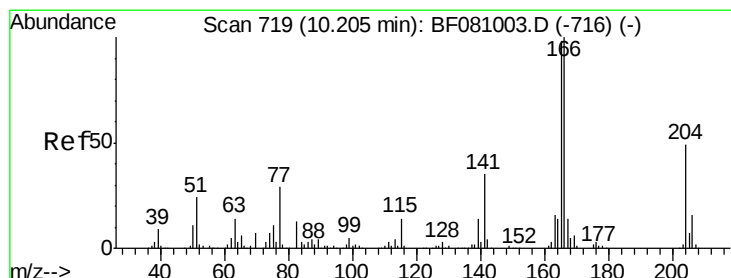
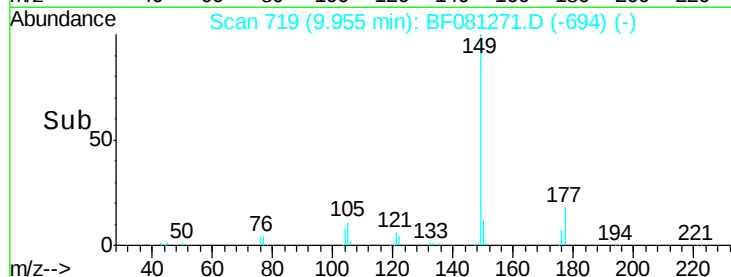
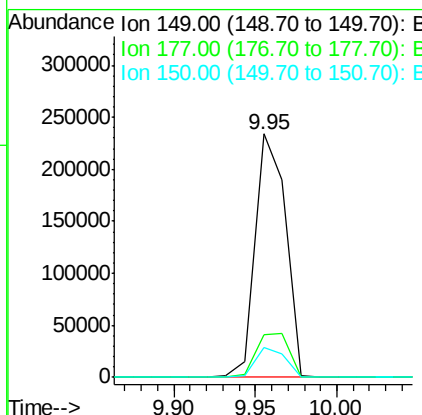
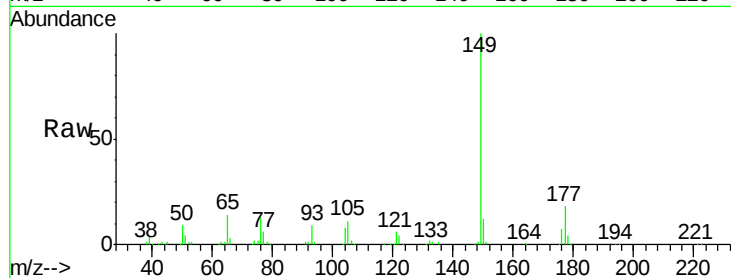
#59
Diethylphthalate
Concen: 38.44 ng
RT: 9.95 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303130		
177	17.6	14.1	21.1	
150	12.5	10.3	15.5	

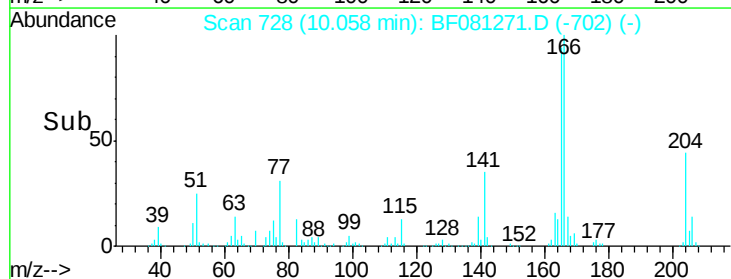
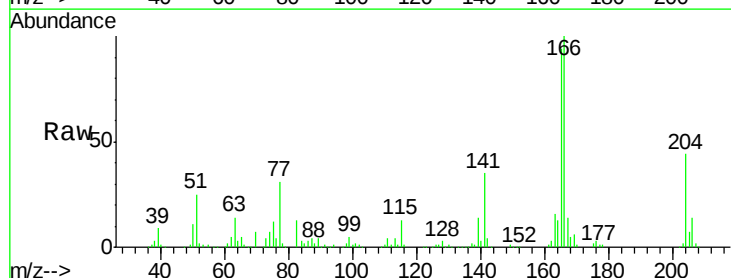
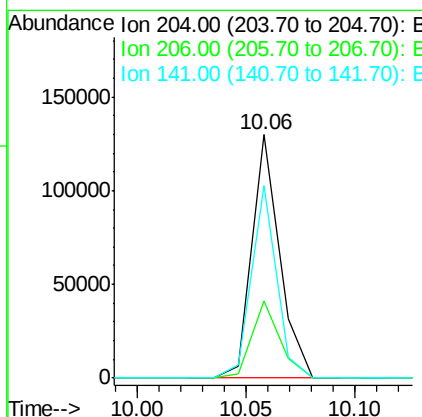
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#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 10.06 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	115269		
206	31.8	26.2	39.2	
141	78.8	59.6	89.4	





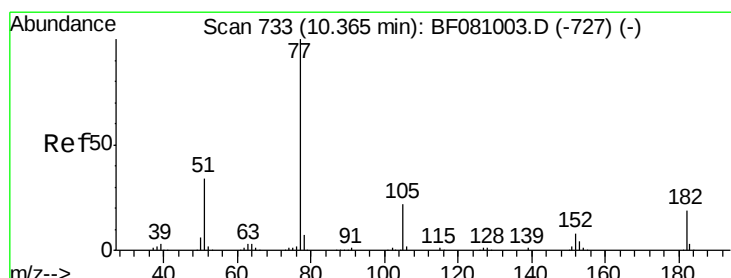
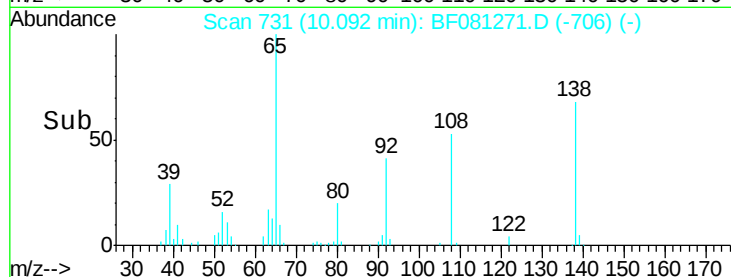
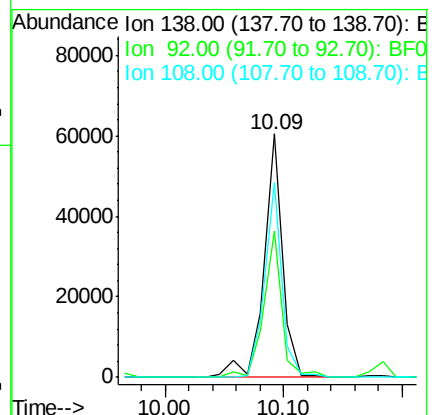
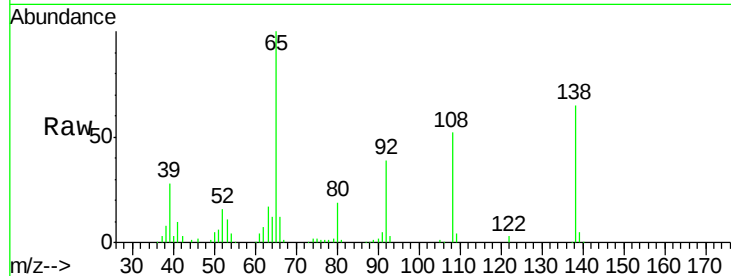
#61
4-Nitroaniline
Concen: 32.25 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	65990		
92	60.3	34.7	74.7	
108	80.3	68.9	108.9	

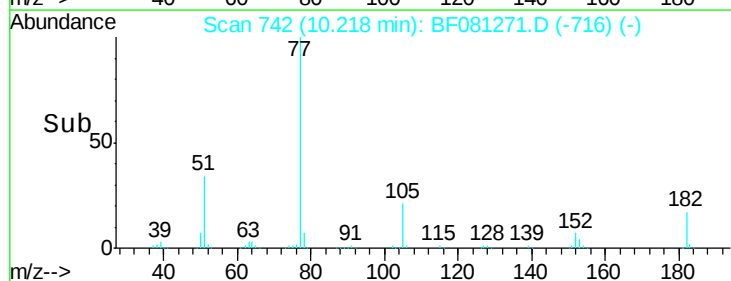
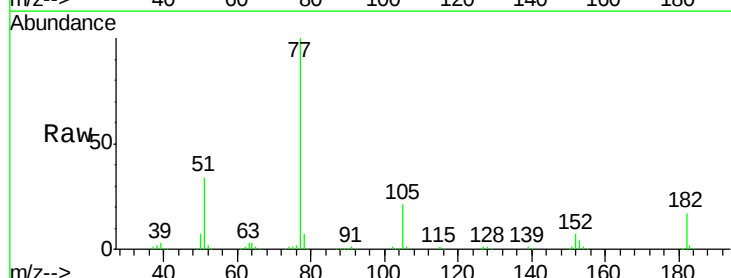
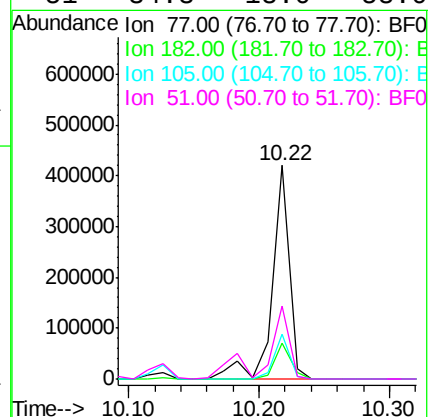
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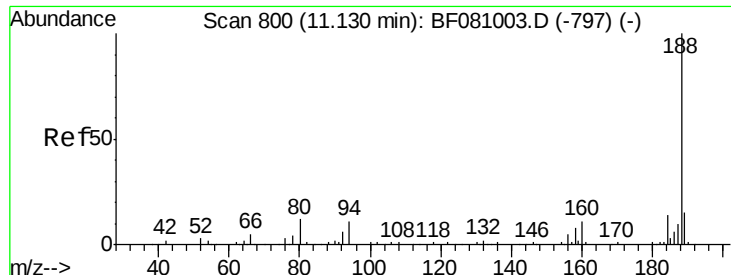
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#62
Azobenzene
Concen: 42.86 ng
RT: 10.22 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	389481		
182	17.1	0.0	39.0	
105	21.0	0.2	40.2	
51	34.3	18.0	58.0	





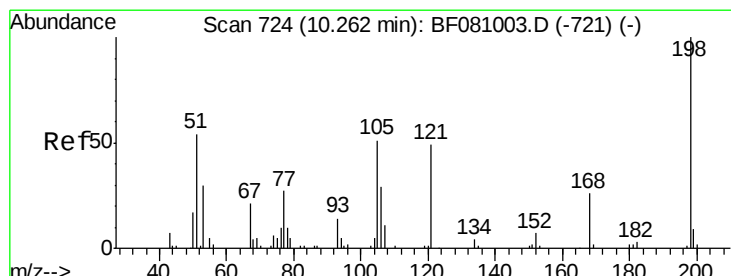
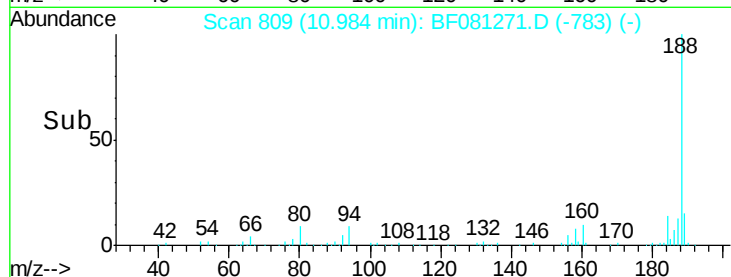
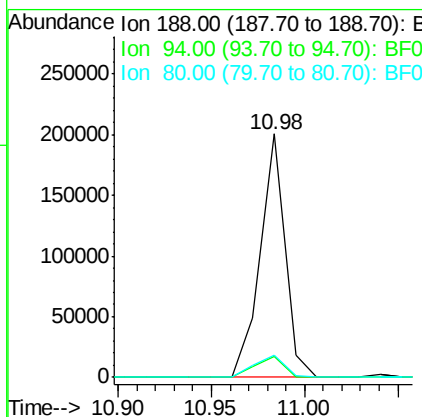
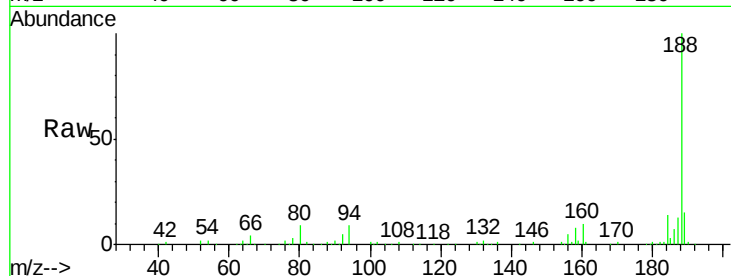
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.2	12.2
80	9.4	9.5	14.3#

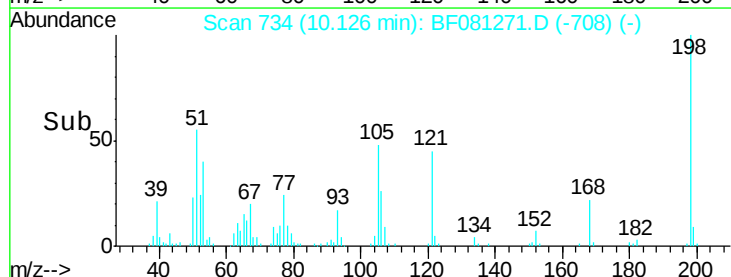
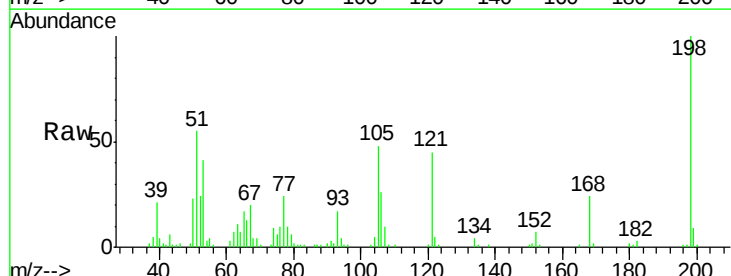
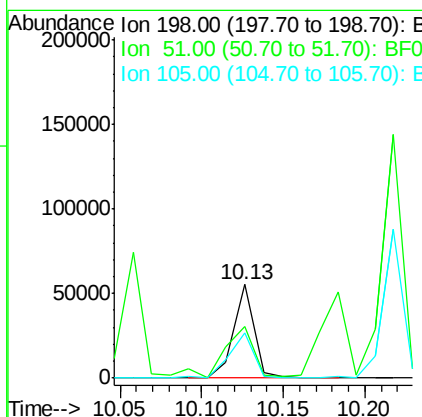
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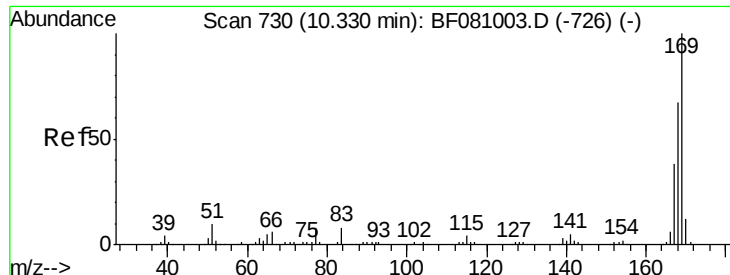
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.13 ng
 RT: 10.13 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	55.3	79.7	119.7#
105	47.8	47.0	87.0





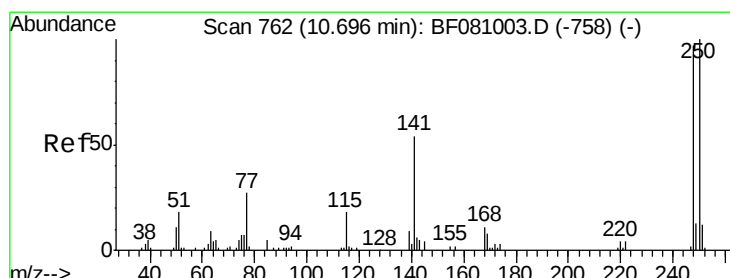
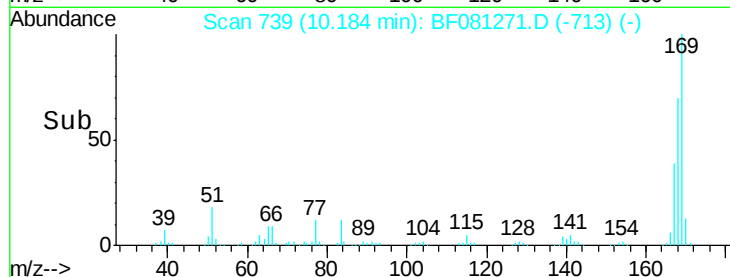
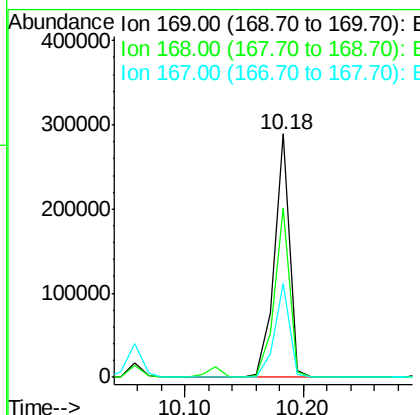
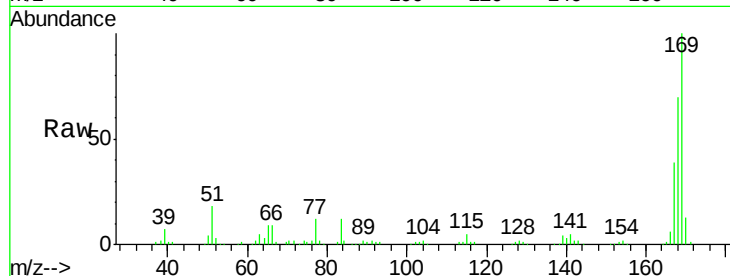
#65
 n-Nitrosodiphenylamine
 Concen: 39.34 ng
 RT: 10.18 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	259778		
168	69.6	55.3	82.9	
167	38.7	30.8	46.2	

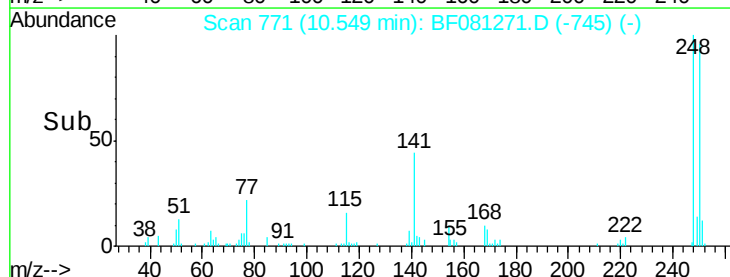
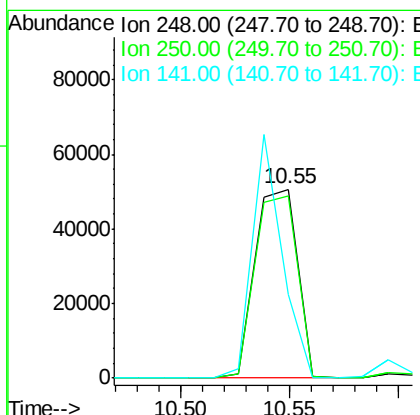
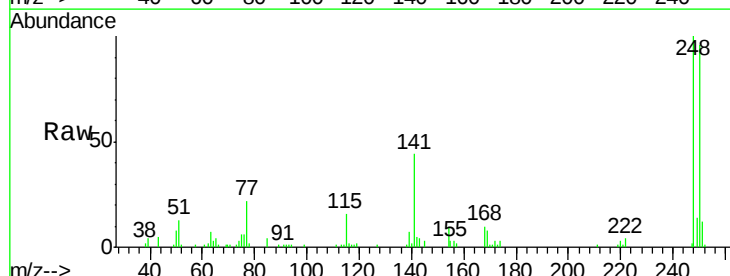
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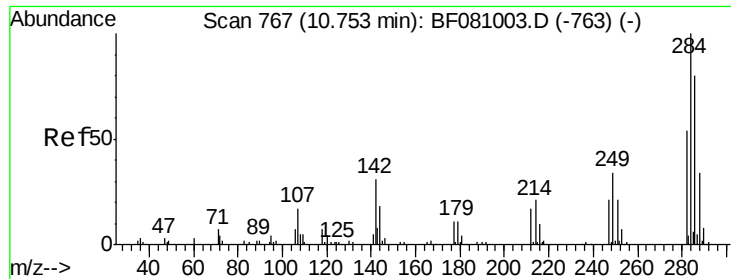
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#66
 4-Bromophenyl-phenylether
 Concen: 38.00 ng
 RT: 10.55 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	69057		
250	96.2	77.8	116.6	
141	44.5	39.8	59.6	





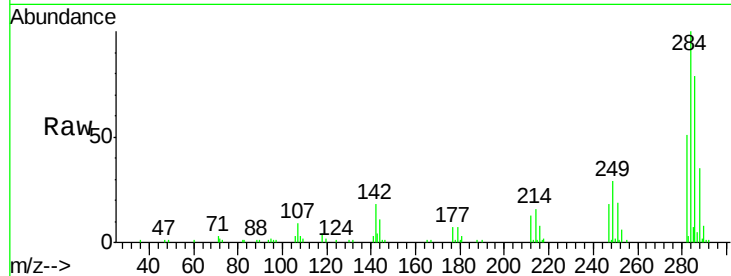
#67
Hexachlorobenzene
Concen: 40.14 ng
RT: 10.61 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

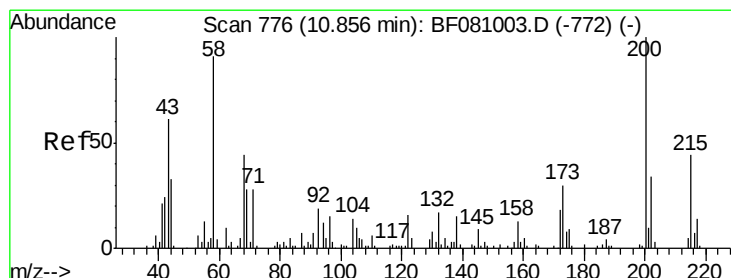
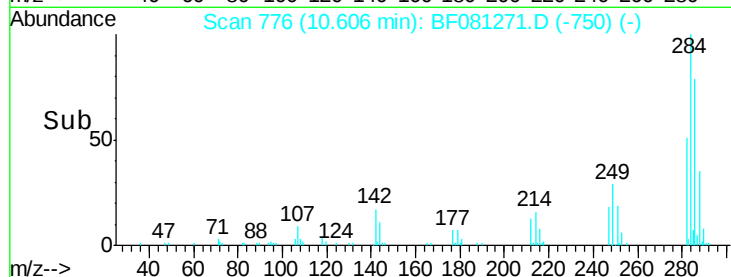
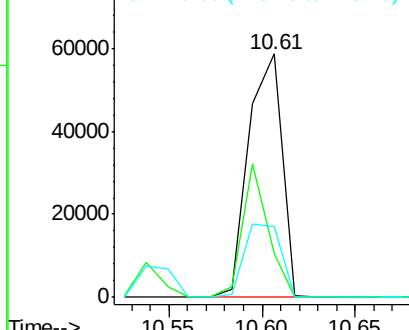
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	73873		
142	17.9	25.4	38.0	
249	29.1	28.5	42.7	

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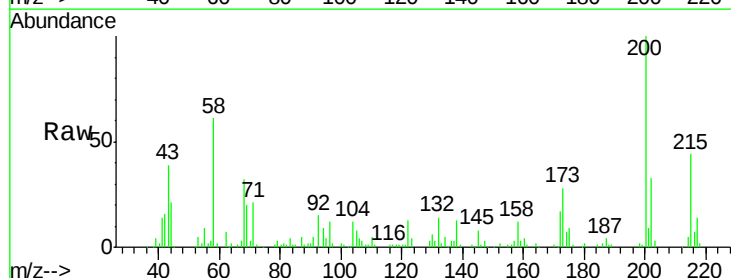


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

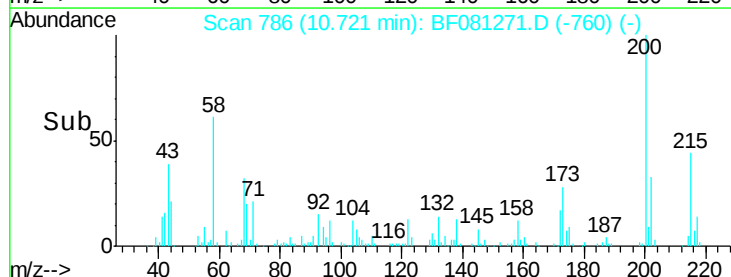
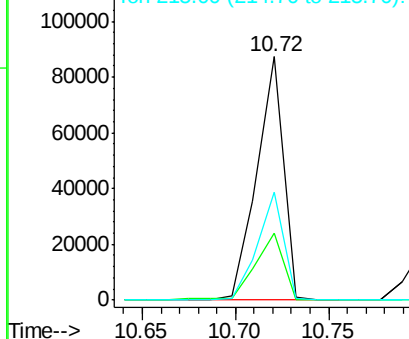


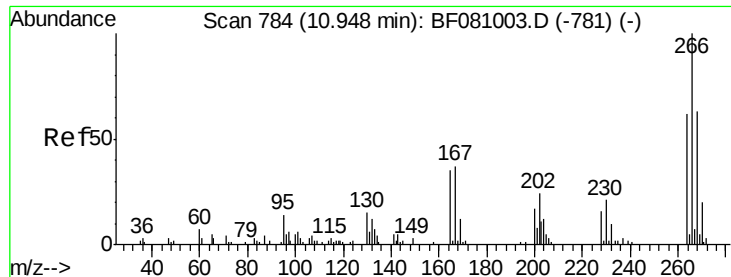
#68
Atrazine
Concen: 46.85 ng
RT: 10.72 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	86183		
173	27.8	8.1	48.1	
215	44.4	23.3	63.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





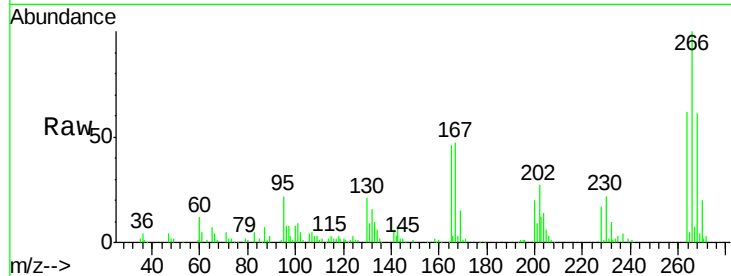
#69
 Pentachlorophenol
 Concen: 77.77 ng
 RT: 10.80 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

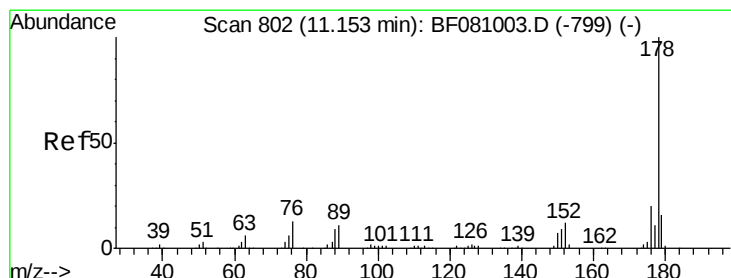
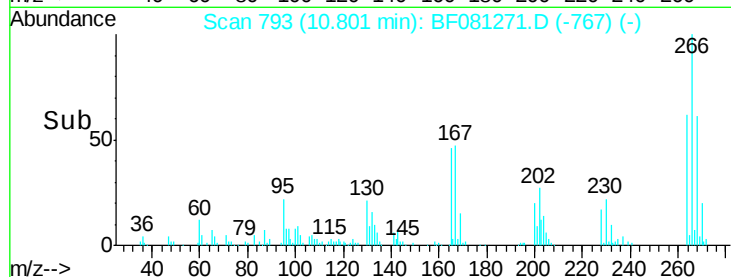
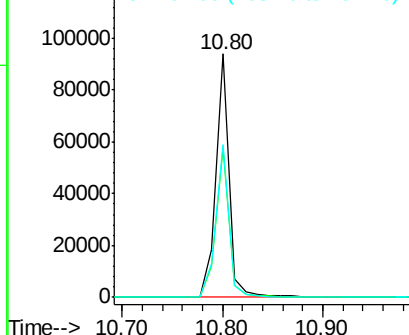
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	85871		
268	61.0	51.2	76.8	
264	62.5	50.6	75.8	

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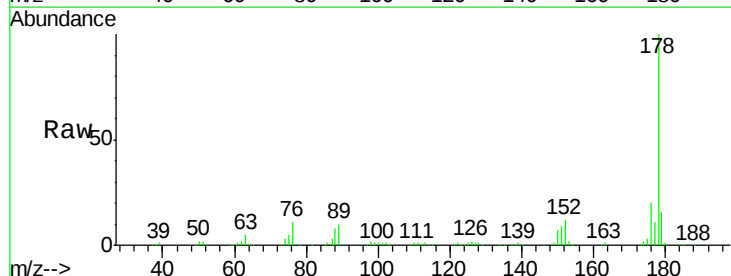


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

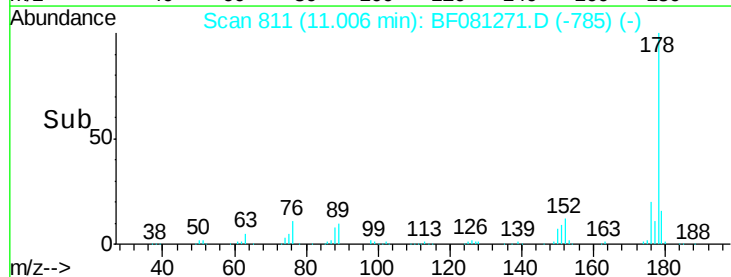
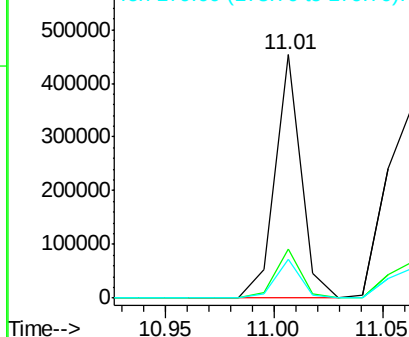


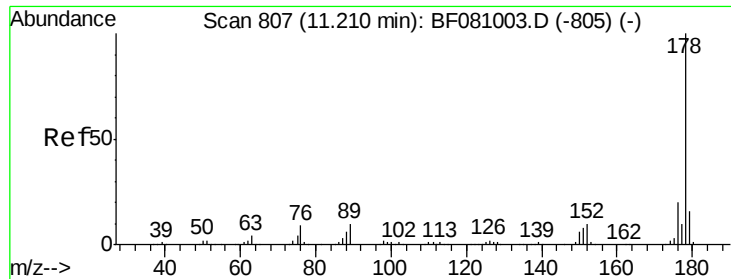
#70
 Phenanthrene
 Concen: 34.67 ng
 RT: 11.01 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	380024		
176	20.0	15.7	23.5	
179	15.9	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





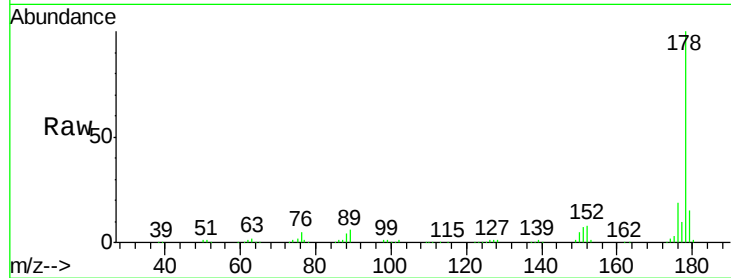
#71
 Anthracene
 Concen: 39.29 ng
 RT: 11.06 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

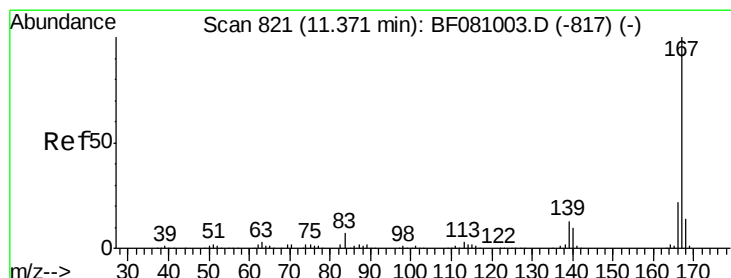
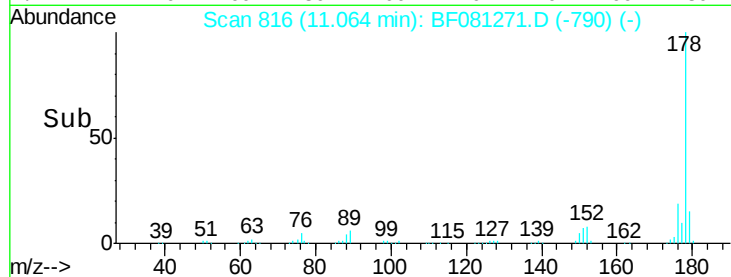
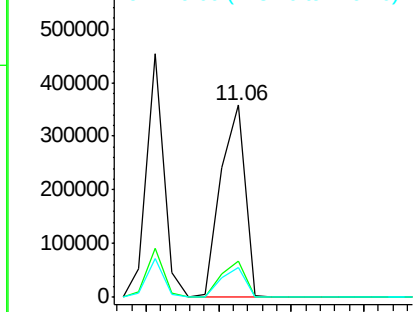
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	419151		
176	18.9	15.7	23.5	
179	15.4	12.7	19.1	

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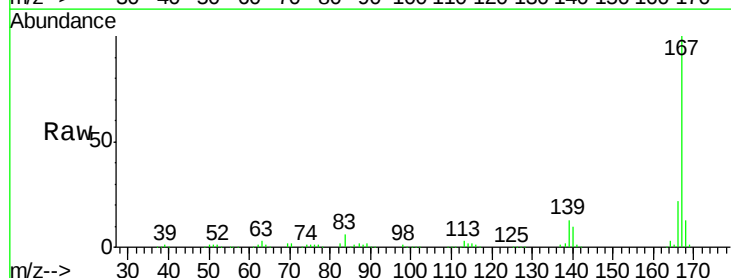


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

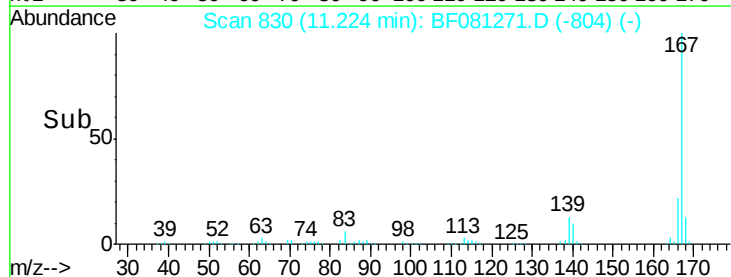
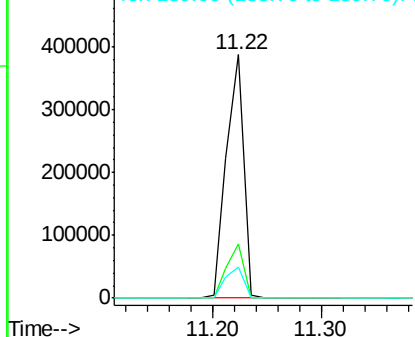


#72
 Carbazole
 Concen: 41.65 ng
 RT: 11.22 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	427783		
166	22.1	17.4	26.0	
139	12.8	10.6	16.0	



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.57 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

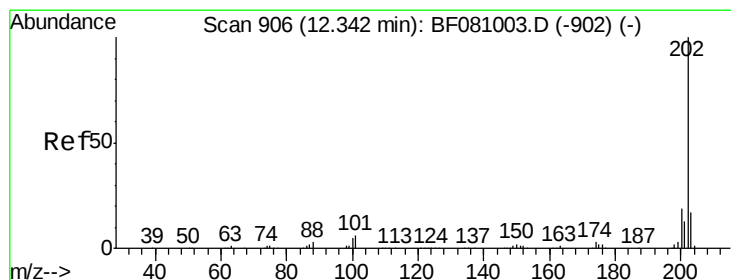
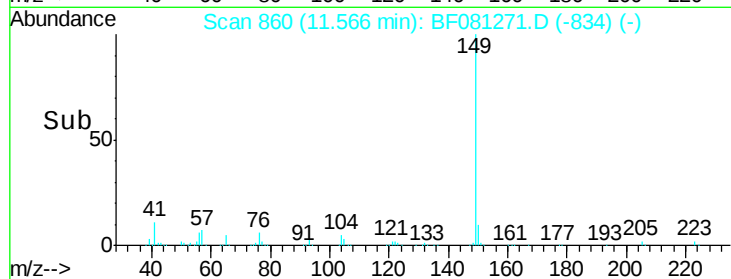
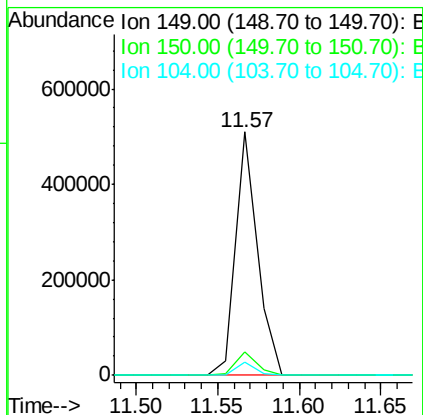
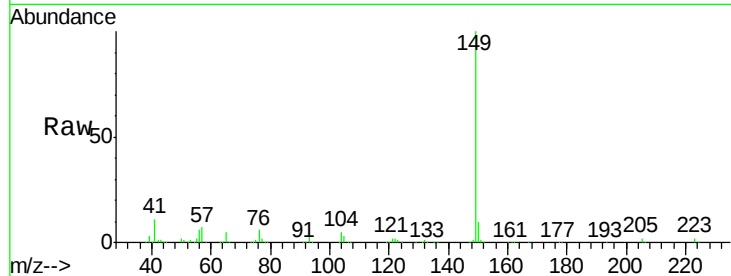
ClientSampleId :

PB85288BS

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Tgt Ion:	149	Resp:	468482
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.4	3.9	5.9



#74

Fluoranthene

Concen: 39.43 ng

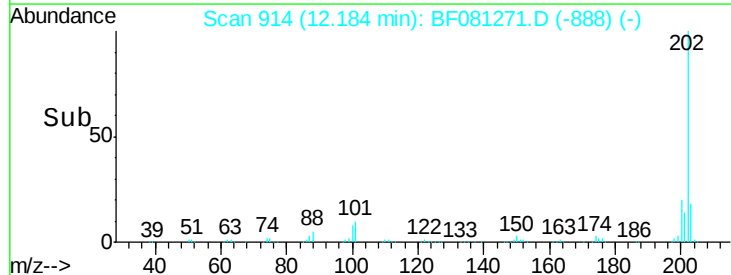
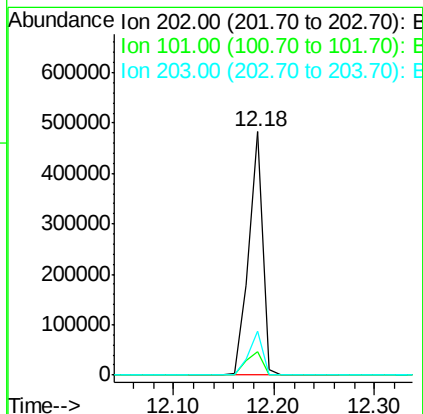
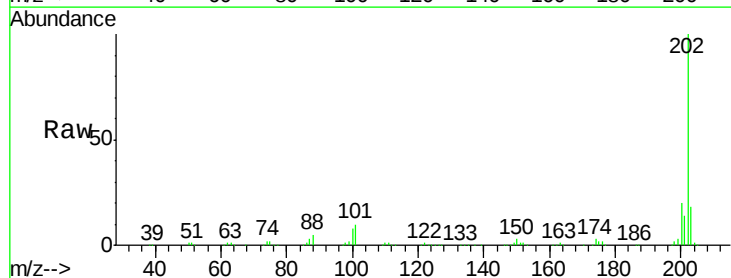
RT: 12.18 min Scan# 914

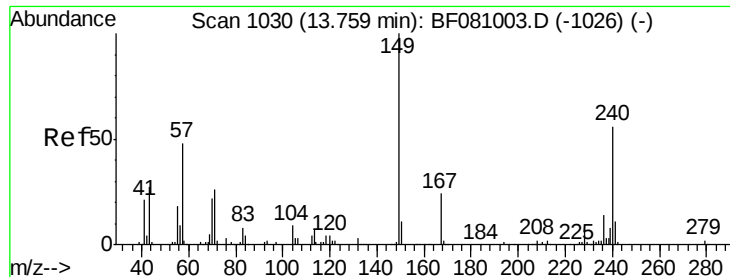
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion:	202	Resp:	466436
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	24.8
203	17.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

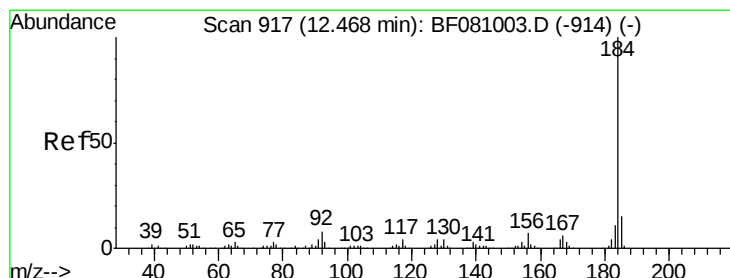
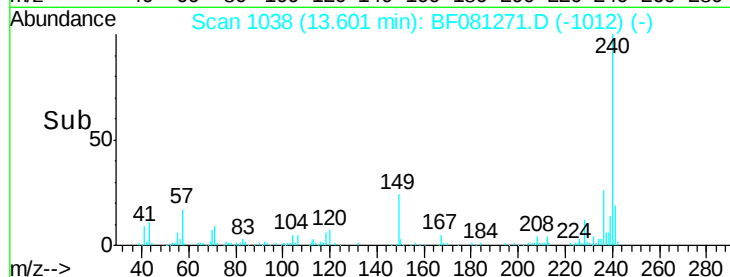
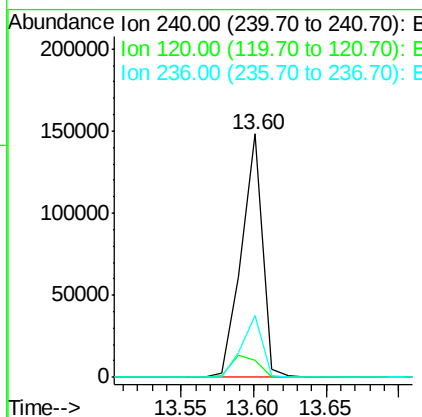
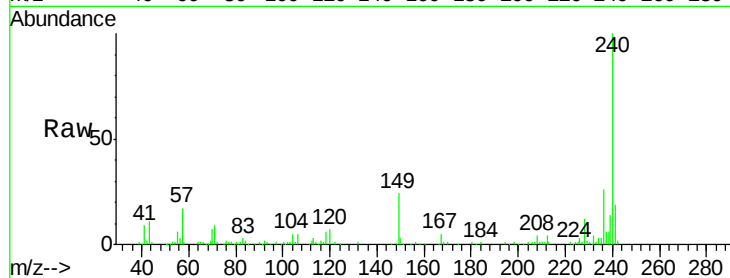
ClientSampleId :

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Tgt Ion:	240	Resp:	149584
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.6	8.4
236	25.6	20.6	30.8

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#76

Benzidine

Concen: 26.69 ng

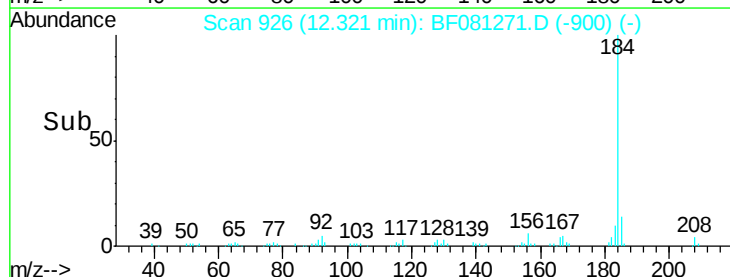
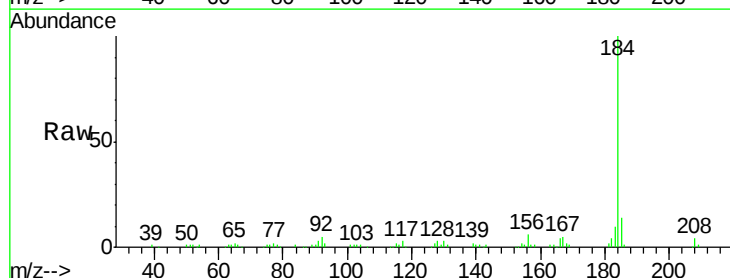
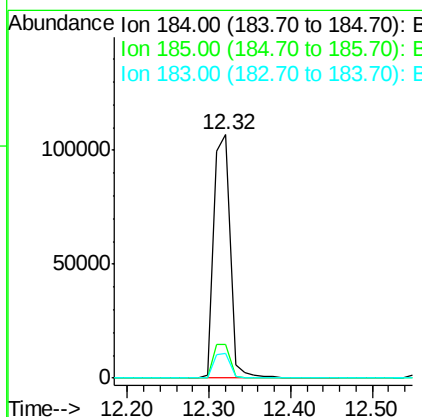
RT: 12.32 min Scan# 926

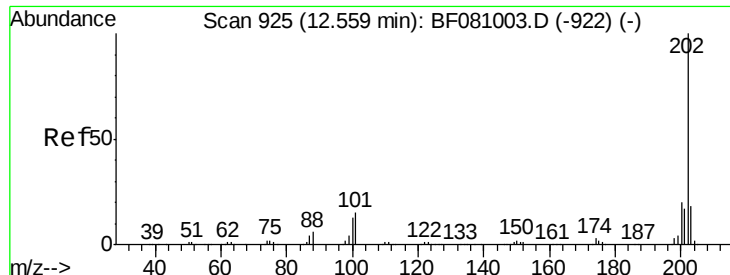
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion:	184	Resp:	150796
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.0	18.0
183	10.3	8.9	13.3





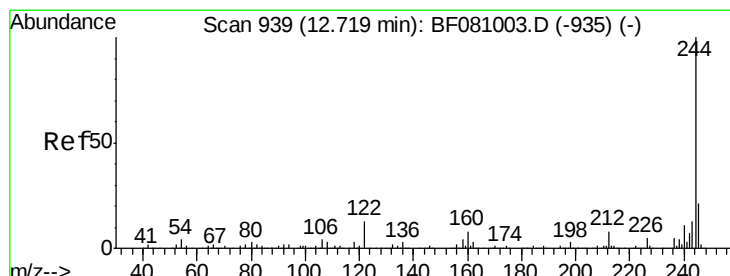
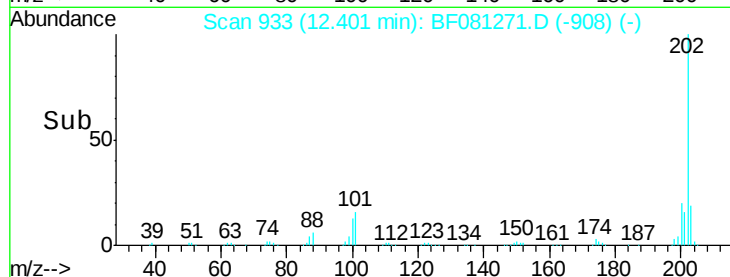
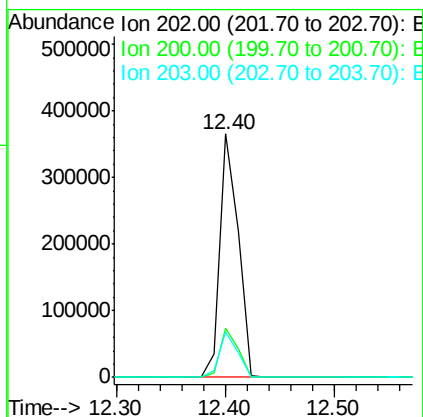
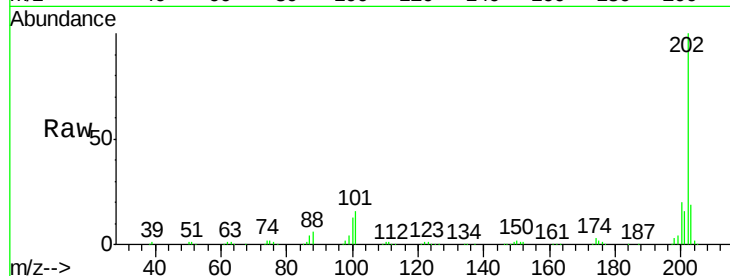
#77
Pyrene
 Concen: 35.23 ng
 RT: 12.40 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	16.6	24.8
203	18.6	14.1	21.1

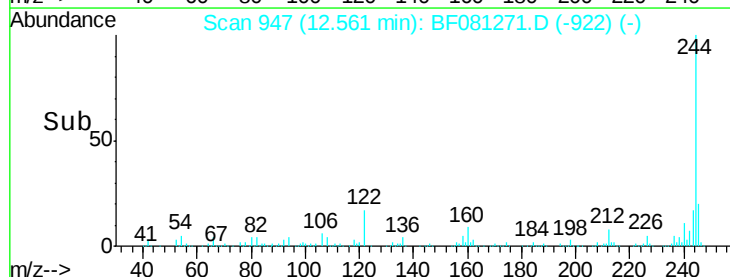
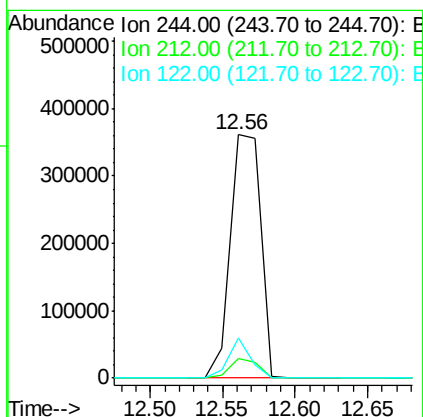
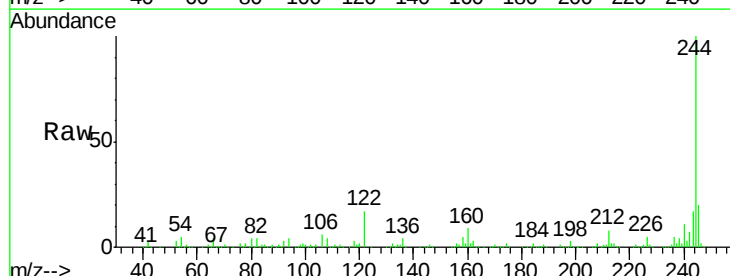
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#78
Terphenyl-d14
 Concen: 75.08 ng
 RT: 12.56 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	5.8	8.8
122	16.7	8.2	12.4#





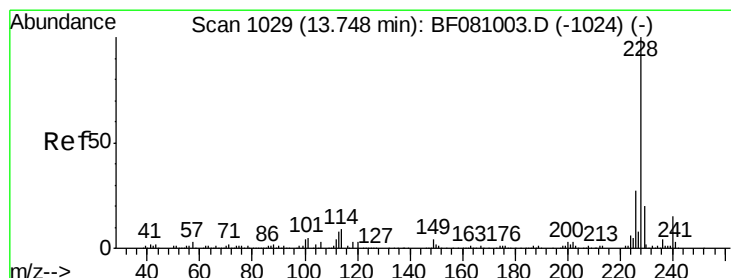
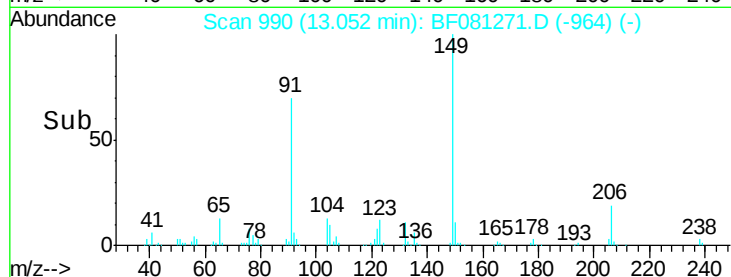
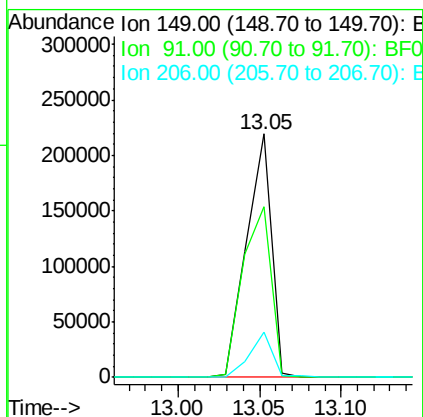
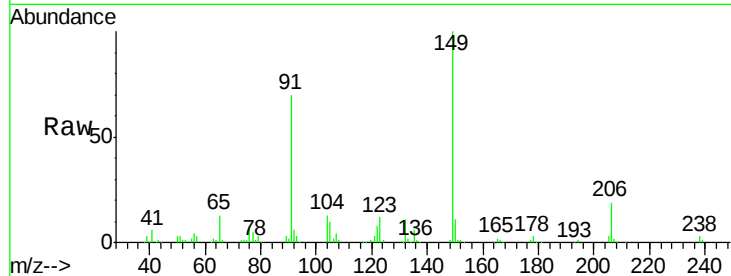
#79
Butylbenzylphthalate
Concen: 44.36 ng
RT: 13.05 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	231884		
91	70.2	46.9	70.3	
206	18.8	17.0	25.4	

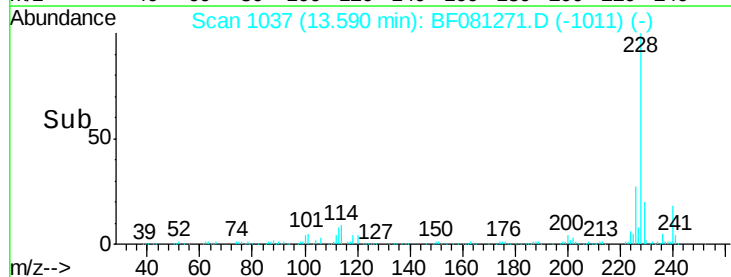
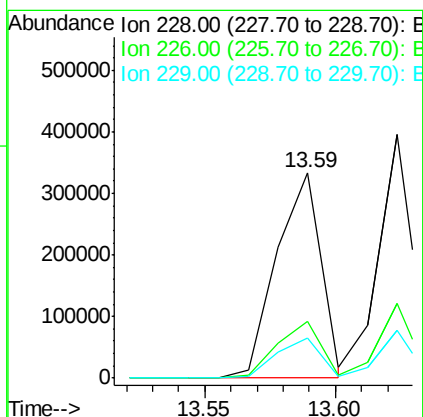
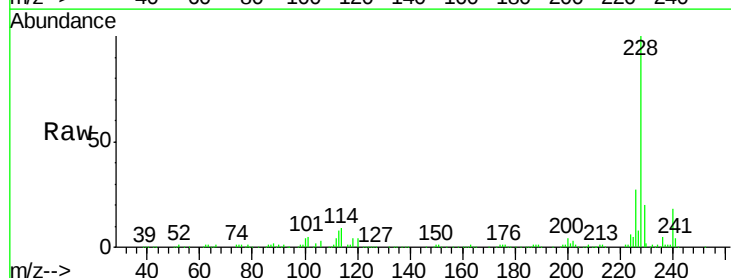
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#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 13.59 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	396789		
226	27.4	22.3	33.5	
229	19.8	15.9	23.9	





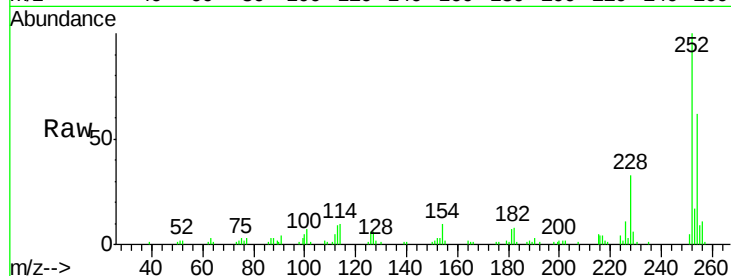
#81
 3,3'-Dichlorobenzidine
 Concen: 17.98 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

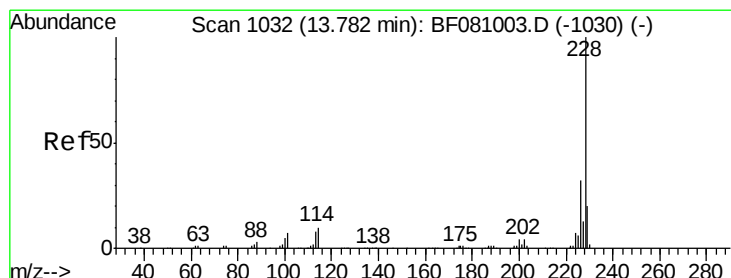
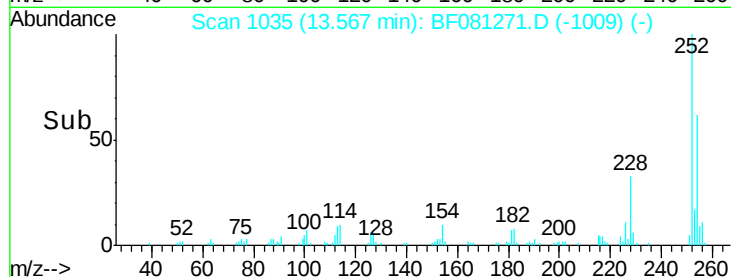
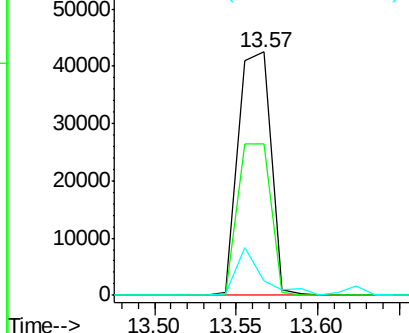
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	51.5	77.3
126	5.7	12.5	18.7

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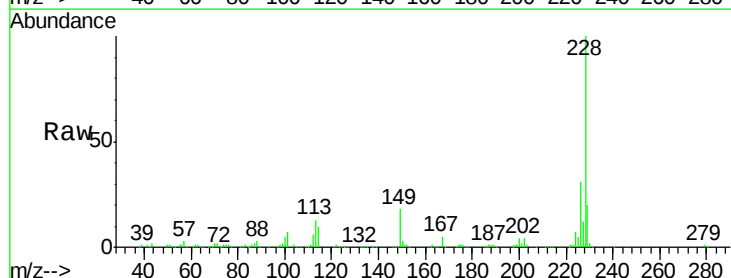


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

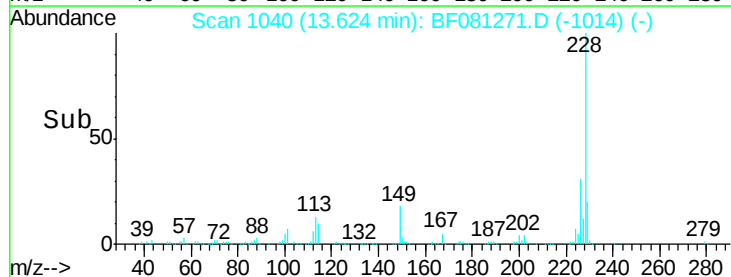
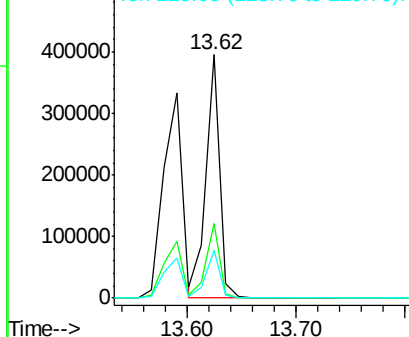


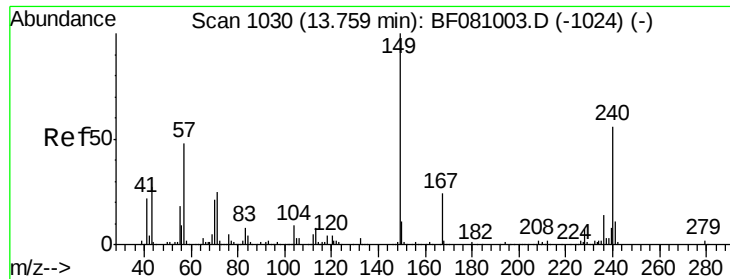
#82
 Chrysene
 Concen: 38.84 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.8	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





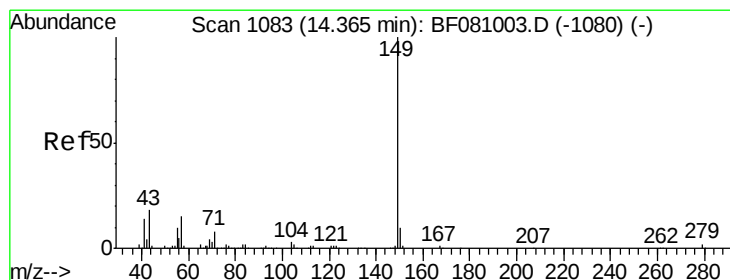
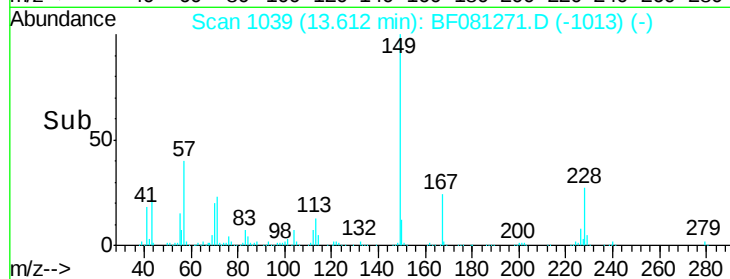
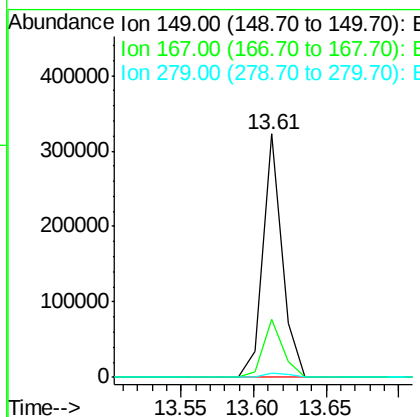
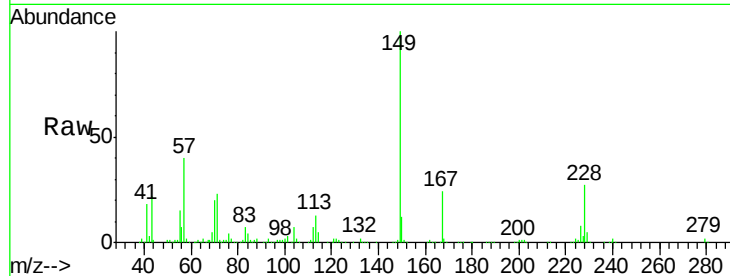
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.42 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	297413		
167	24.0	20.7	31.1	
279	1.8	2.2	3.4	

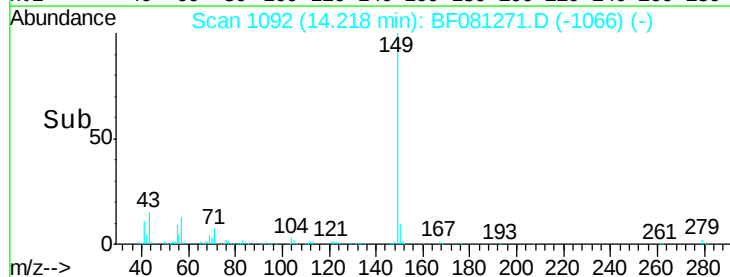
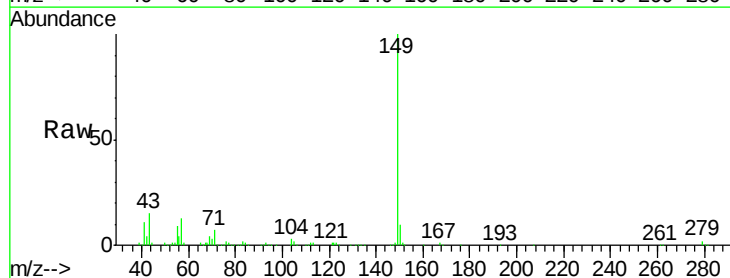
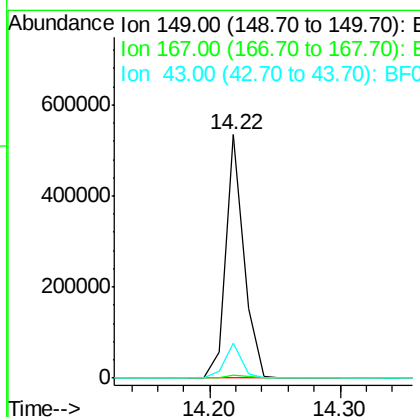
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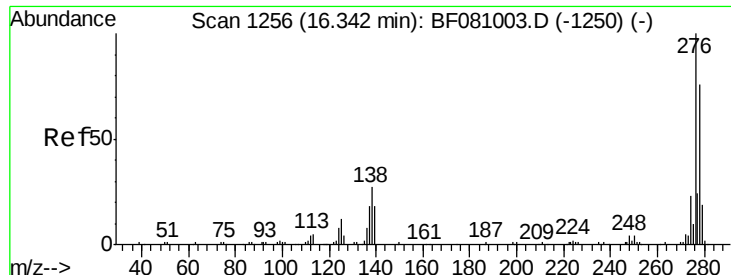
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#84
 Di-n-octyl phthalate
 Concen: 50.42 ng
 RT: 14.22 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	513045		
167	1.4	1.1	1.7	
43	14.1	11.6	17.4	





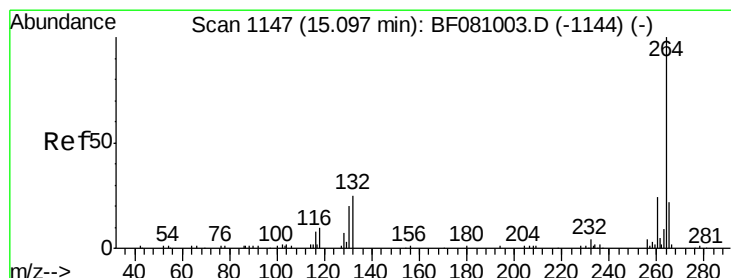
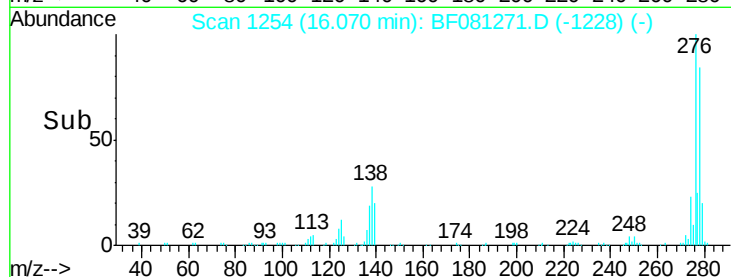
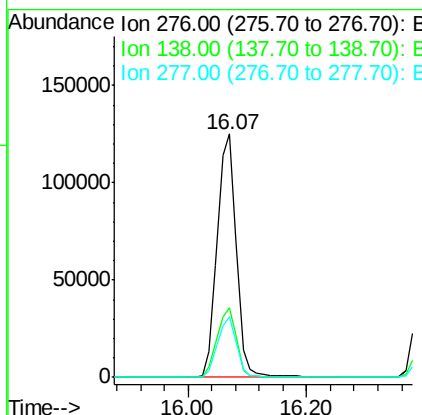
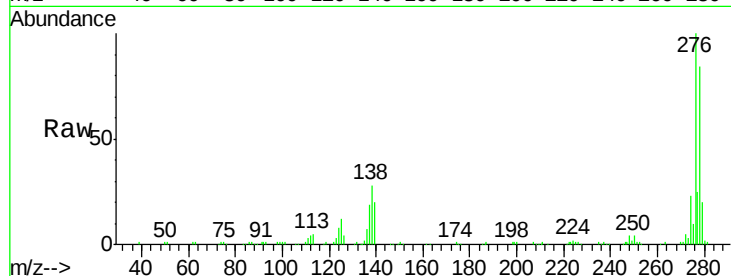
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.23 ng
 RT: 16.07 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	280715		
138	28.8	18.6	28.0	#
277	24.4	19.8	29.8	

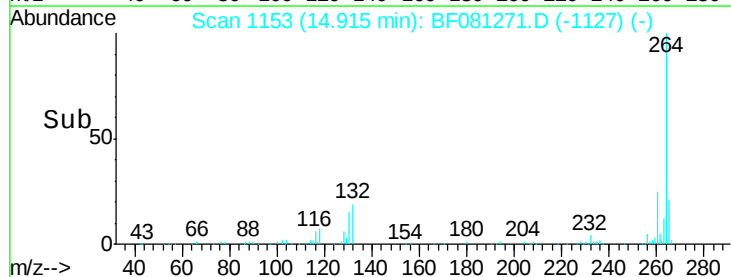
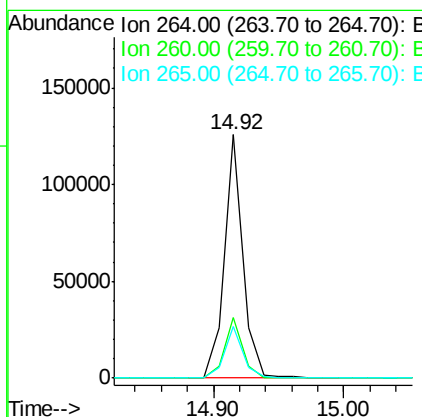
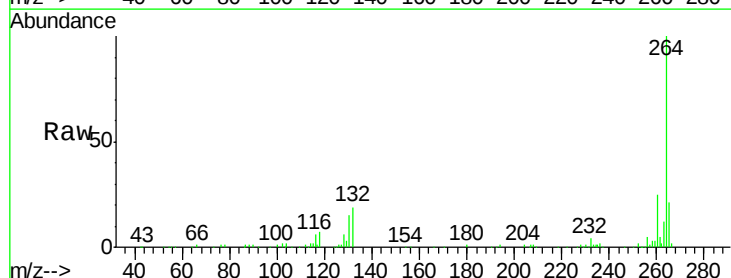
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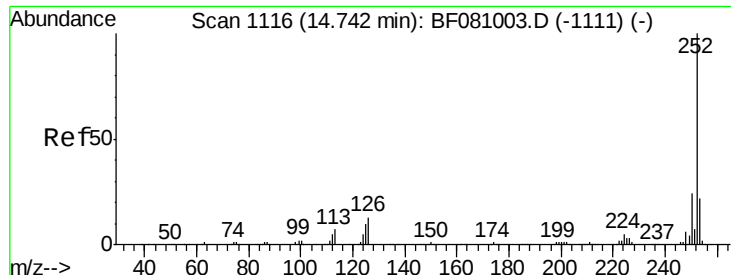
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	124763		
260	24.8	19.6	29.4	
265	21.1	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 49.20 ng m

RT: 14.58 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF081271.D

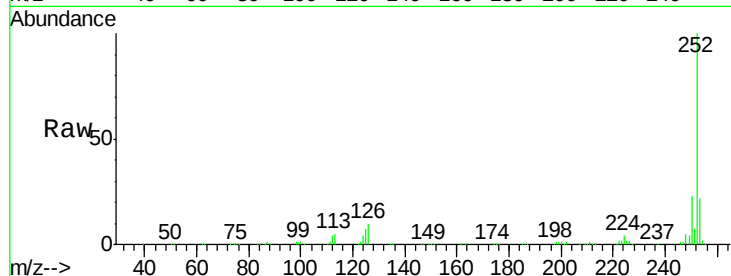
Acq: 29 Aug 2015 15:17

Instrument :

BNA_F

ClientSampleId :

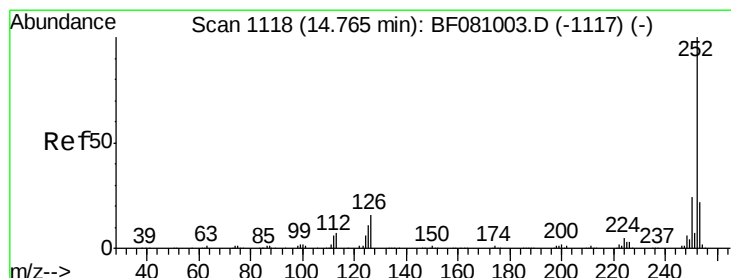
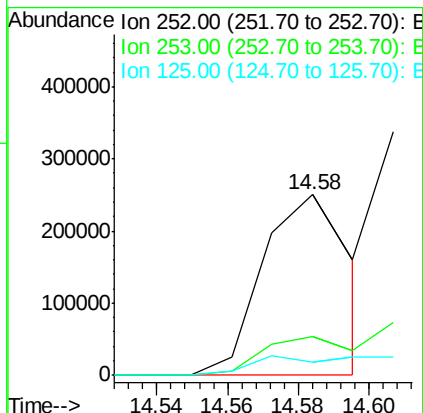
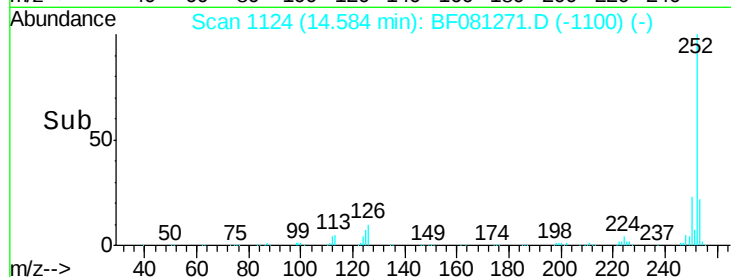
PB85288BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.0	8.0	12.0#

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#88

Benzo(k)fluoranthene

Concen: 29.89 ng m

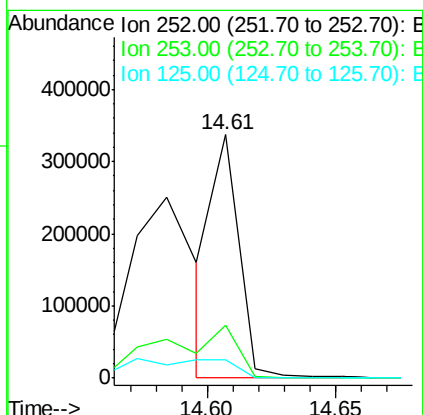
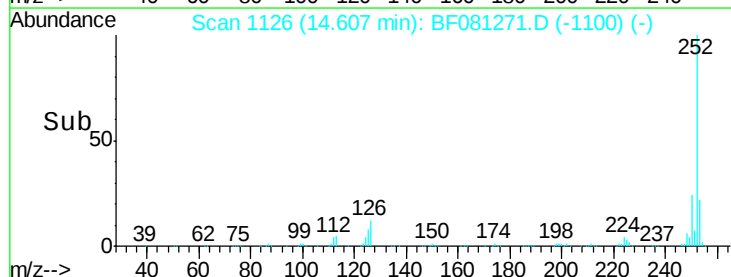
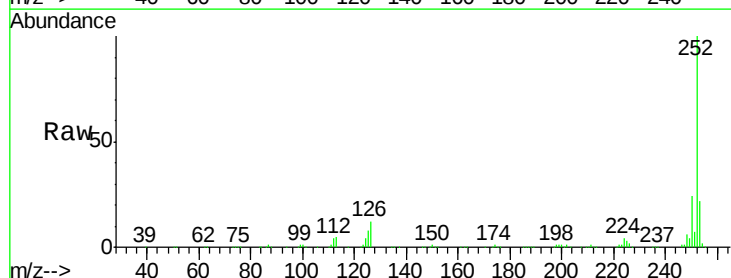
RT: 14.61 min Scan# 1126

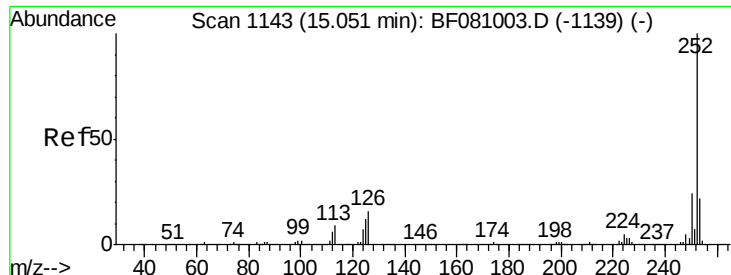
Delta R.T. 0.00 min

Lab File: BF081271.D

Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.7	10.3	15.5#





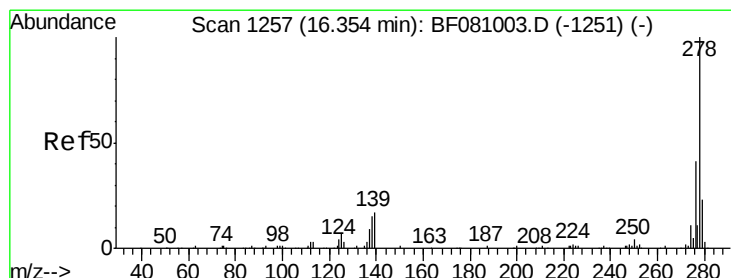
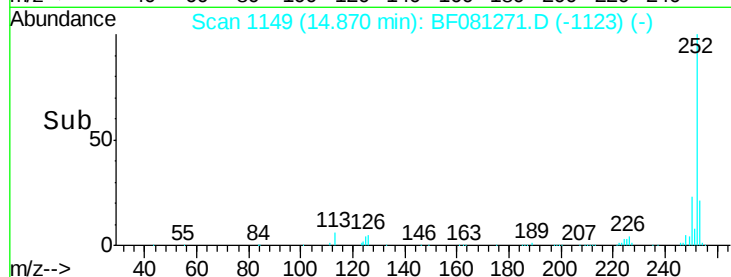
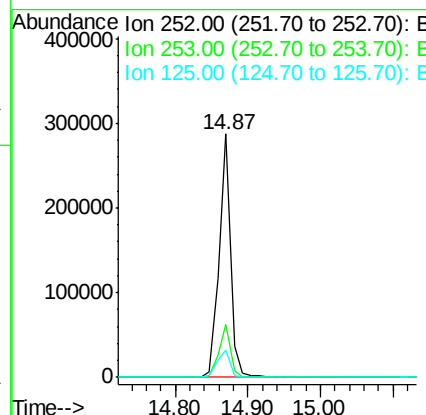
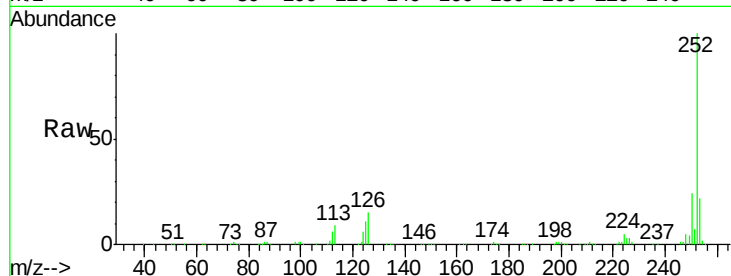
#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 14.87 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Instrument :
BNA_F
ClientSampleId :
PB85288BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	317566		
253	21.9	16.6	25.0	
125	11.1	7.8	11.8	

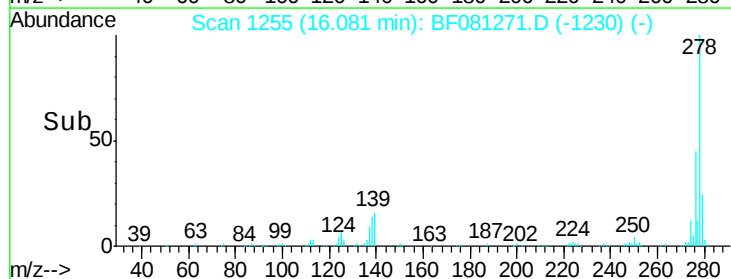
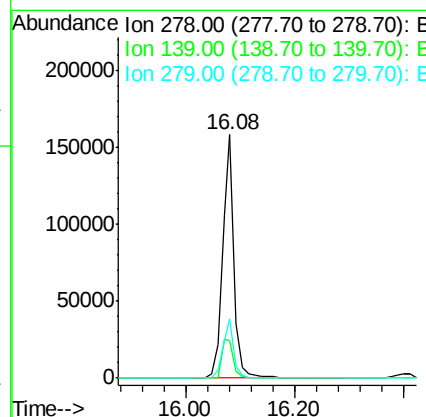
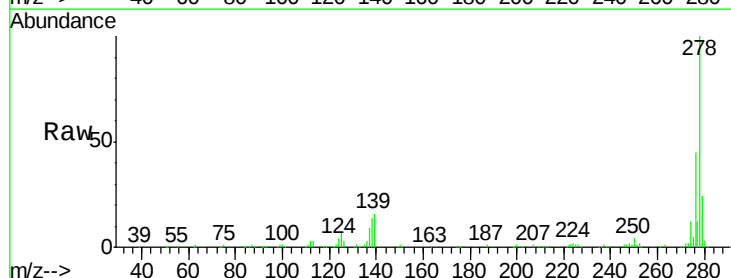
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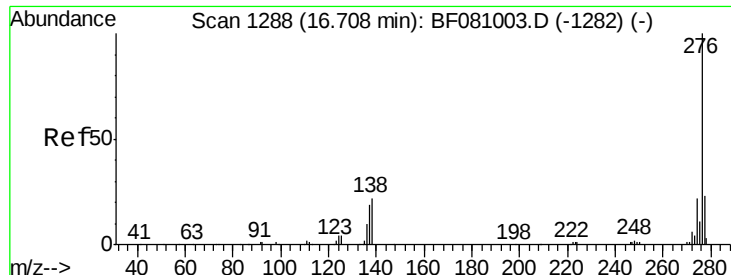
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#90
Dibenzo(a,h)anthracene
Concen: 39.26 ng
RT: 16.08 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF081271.D
Acq: 29 Aug 2015 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	235239		
139	15.7	10.8	16.2	
279	24.4	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 36.78 ng
 RT: 16.40 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF081271.D
 Acq: 29 Aug 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	18.2	27.2
138	27.7	13.7	20.5

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