

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081423.D
 Acq On : 4 Sep 2015 17:16
 Operator : UM/IZ
 Sample : PB85417BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:56:54 PM

Quant Time: Sep 07 01:25:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	64593	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	249416	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	123585	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	246139	20.00	ng	0.00
75) Chrysene-d12	13.46	240	179612	20.00	ng	0.00
86) Perylene-d12	14.77	264	123886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	492622	118.33	ng	0.02
7) Phenol-d6	6.03	99	628318	114.02	ng	0.00
23) Nitrobenzene-d5	6.94	82	394618	76.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	131199	119.23	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	626781	64.99	ng	-0.01
78) Terphenyl-d14	12.43	244	627368	81.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	56309	30.12	ng	# 89
3) Pyridine	2.31	79	173574	33.66	ng	92
4) n-Nitrosodimethylamine	2.27	42	107622	37.57	ng	# 74
6) Aniline	6.02	93	178732	22.97	ng	# 79
8) 2-Chlorophenol	6.15	128	179738	39.18	ng	85
9) Benzaldehyde	5.90	77	22683	6.57	ng	# 79
10) Phenol	6.04	94	203876	31.90	ng	# 39
11) bis(2-Chloroethyl)ether	6.11	93	169919	36.85	ng	86
12) 1,3-Dichlorobenzene	6.30	146	181626	37.05	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	173638	34.79	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	152820	34.01	ng	# 85
15) Benzyl Alcohol	6.52	79	166803	36.90	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	356426	40.33	ng	# 1
17) 2-Methylphenol	6.66	107	142320	38.88	ng	# 74
18) Hexachloroethane	6.87	117	69357	35.72	ng	95
19) n-Nitroso-di-n-propylamine	6.80	70	137543	36.67	ng	# 89
20) 3+4-Methylphenols	6.82	107	193673	39.24	ng	88
22) Acetophenone	6.79	105	251047	36.85	ng	# 76
24) Nitrobenzene	6.96	77	218377	40.68	ng	# 66
25) Isophorone	7.21	82	361865	37.63	ng	# 87
26) 2-Nitrophenol	7.28	139	93490	39.96	ng	# 55
27) 2,4-Dimethylphenol	7.35	122	159835	39.55	ng	# 86
28) bis(2-Chloroethoxy)methane	7.43	93	203885	36.71	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	142030	40.53	ng	95
30) 1,2,4-Trichlorobenzene	7.60	180	147584	38.76	ng	96
31) Naphthalene	7.67	128	466325	35.06	ng	98
32) Benzoic acid	7.50	122	79988	28.80	ng	# 55
33) 4-Chloroaniline	7.74	127	111761	20.60	ng	# 82
34) Hexachlorobutadiene	7.80	225	82315	35.53	ng	97
35) Caprolactam	8.11	113	51568m	47.98	ng	
36) 4-Chloro-3-methylphenol	8.25	107	176774	45.06	ng	# 77
37) 2-Methylnaphthalene	8.36	142	333920	38.58	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129231	33.06	ng	98
40) Hexachlorocyclopentadiene	8.51	237	125482	65.42	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92437	34.27	ng	98
43) 2,4,5-Trichlorophenol	8.71	196	96944	35.23	ng #	94
45) 1,1'-Biphenyl	8.83	154	408084	35.89	ng	94
46) 2-Chloronaphthalene	8.84	162	282886	34.45	ng #	89
47) 2-Nitroaniline	8.96	65	137293	41.03	ng #	72
48) Acenaphthylene	9.26	152	509307	34.96	ng	97
49) Dimethylphthalate	9.15	163	369788	38.51	ng #	97
50) 2,6-Dinitrotoluene	9.20	165	69113	31.71	ng #	3
51) Acenaphthene	9.43	154	305155	36.82	ng	90
52) 3-Nitroaniline	9.37	138	59695	24.06	ng #	79
53) 2,4-Dinitrophenol	9.47	184	63125	68.77	ng #	1
54) Dibenzofuran	9.60	168	454241	37.54	ng #	89
55) 4-Nitrophenol	9.56	139	116141m	74.51	ng	
56) 2,4-Dinitrotoluene	9.60	165	91729	33.06	ng #	1
57) Fluorene	9.93	166	314483	34.25	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82136	39.09	ng	90
59) Diethylphthalate	9.84	149	348679	34.52	ng	94
60) 4-Chlorophenyl-phenylether	9.94	204	164176	38.36	ng	96
61) 4-Nitroaniline	9.98	138	78069	31.15	ng #	29
62) Azobenzene	10.09	77	428691	38.18	ng #	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	52297	37.99	ng	88
65) n-Nitrosodiphenylamine	10.07	169	305247	34.08	ng	91
66) 4-Bromophenyl-phenylether	10.42	248	93187	37.44	ng	98
67) Hexachlorobenzene	10.48	284	95722	36.79	ng #	80
68) Atrazine	10.60	200	101942	39.33	ng	85
69) Pentachlorophenol	10.67	266	86684	69.69	ng	98
70) Phenanthrene	10.88	178	452208	33.05	ng	96
71) Anthracene	10.94	178	515145	36.64	ng	99
72) Carbazole	11.10	167	471305	35.73	ng	95
73) Di-n-butylphthalate	11.45	149	598844	38.44	ng #	98
74) Fluoranthene	12.06	202	522750	35.29	ng	84
76) Benzidine	12.19	184	184371	23.91	ng	98
77) Pyrene	12.27	202	553397	41.59	ng	98
79) Butylbenzylphthalate	12.92	149	249835	43.18	ng #	84
80) Benzo(a)anthracene	13.45	228	422787	36.96	ng	96
81) 3,3'-Dichlorobenzidine	13.43	252	87104	22.58	ng	99
82) Chrysene	13.48	228	347752	33.92	ng	95
83) Bis(2-ethylhexyl)phthalate	13.50	149	307285	40.24	ng #	94
84) Di-n-octyl phthalate	14.09	149	444014	35.31	ng	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	285293	37.92	ng #	90
87) Benzo(b)fluoranthene	14.45	252	379249m	42.88	ng	
88) Benzo(k)fluoranthene	14.47	252	262838m	35.81	ng	
89) Benzo(a)pyrene	14.72	252	273545	36.50	ng #	90
90) Dibenzo(a,h)anthracene	15.85	278	238254	41.14	ng #	84
91) Benzo(g,h,i)perylene	16.16	276	237594	42.98	ng #	78

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

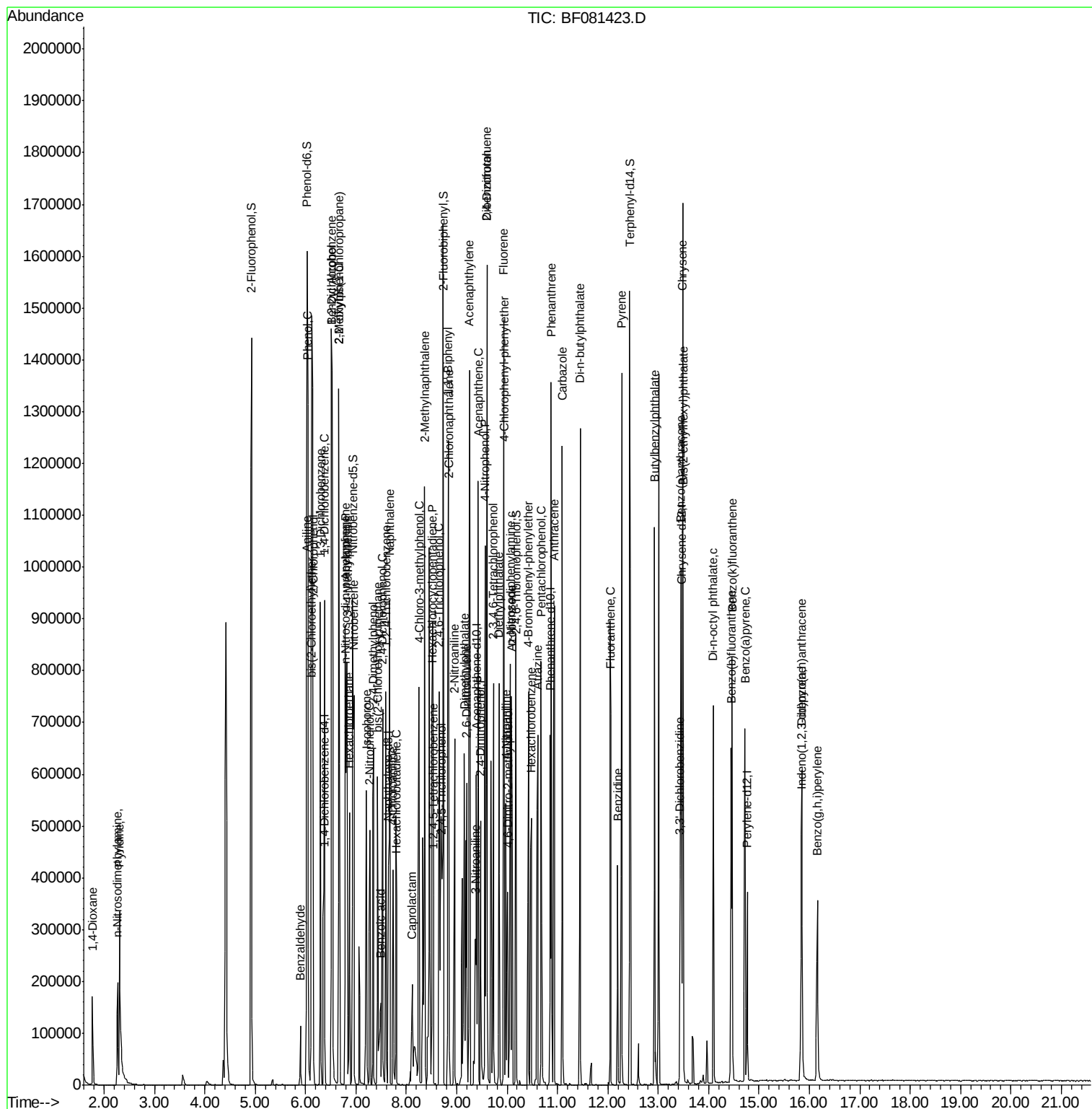
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\  
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Operator  : UM/IZ  
Sample    : PB85417BS  
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ALS Vial  : 6 Sample Multiplier: 1
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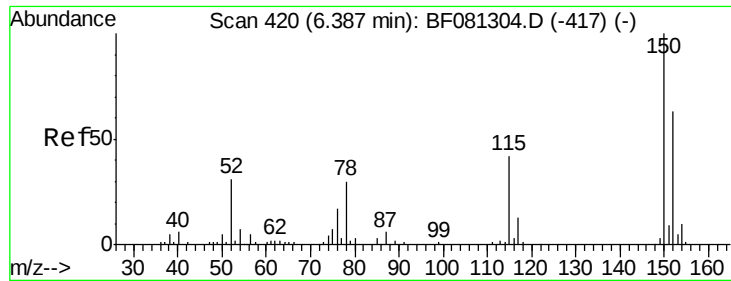
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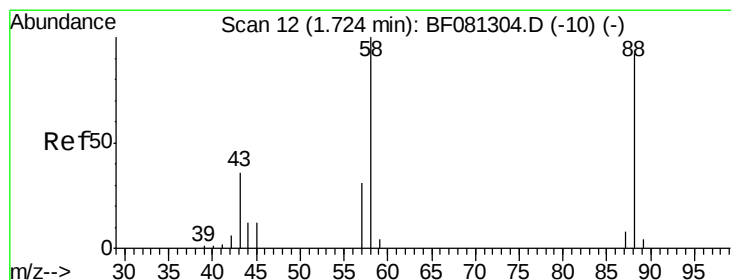
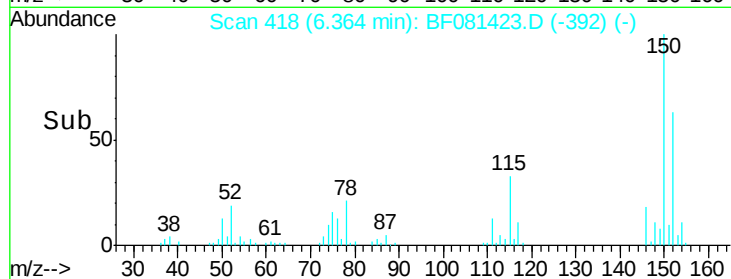
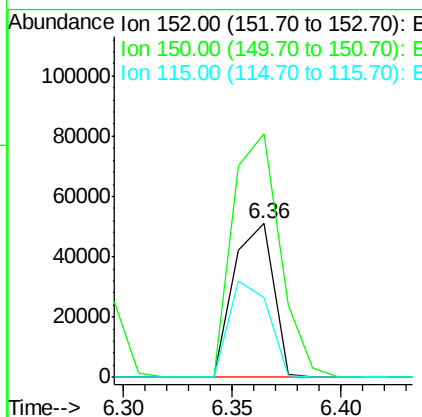
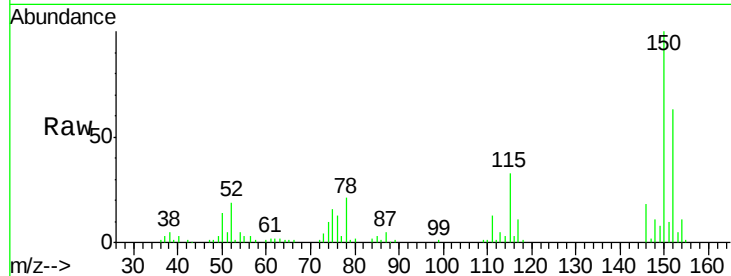
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	51.8	39.0	58.4

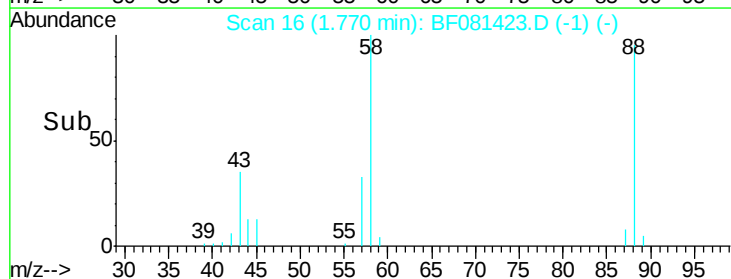
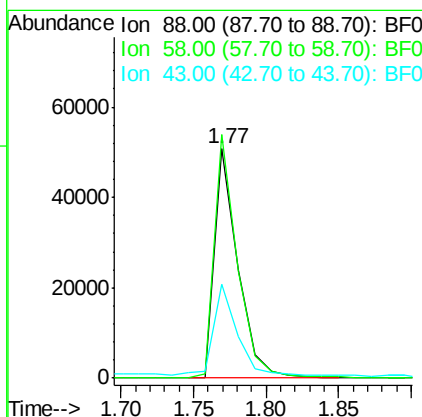
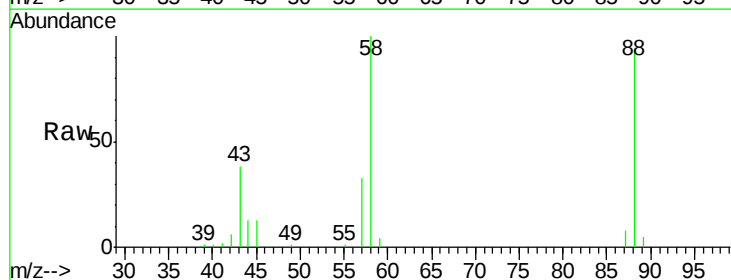
Manual Integrations
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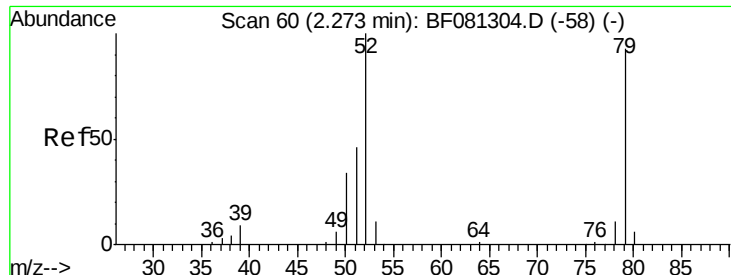
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#2
 1,4-Dioxane
 Concen: 30.12 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.09 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.0	77.7	116.5
43	41.9	26.6	40.0#





#3

Pyridine

Concen: 33.66 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.08 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

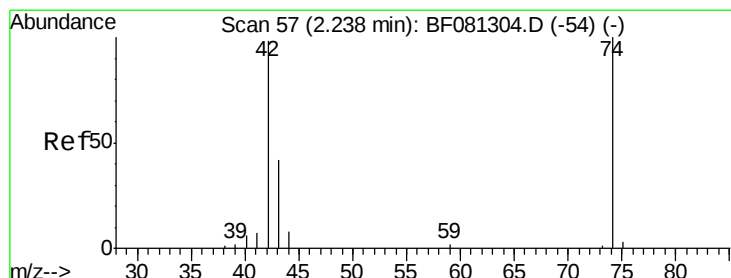
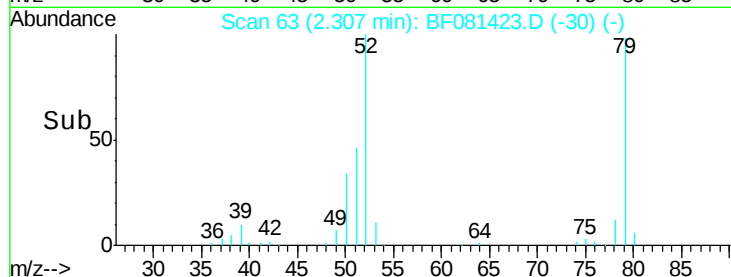
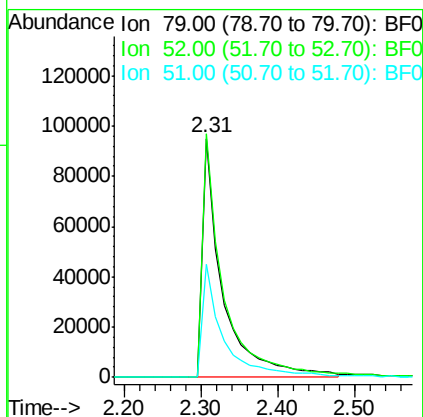
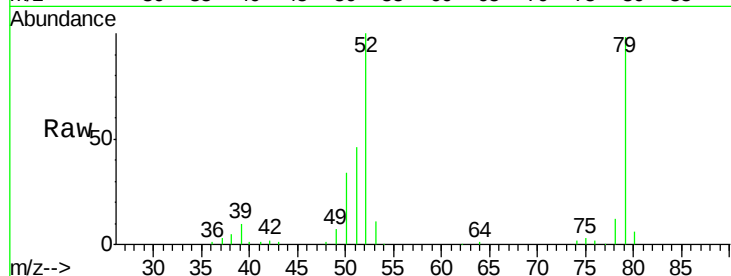
ClientSampleId :

PB85417BS

Tgt Ion:	79	Resp:	173574
Ion	Ratio	Lower	Upper
79	100		
52	102.0	76.8	115.2
51	47.2	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 37.57 ng

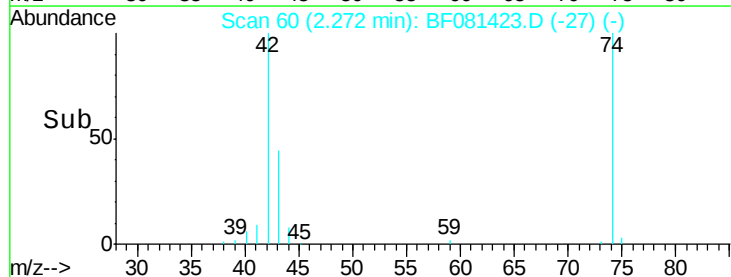
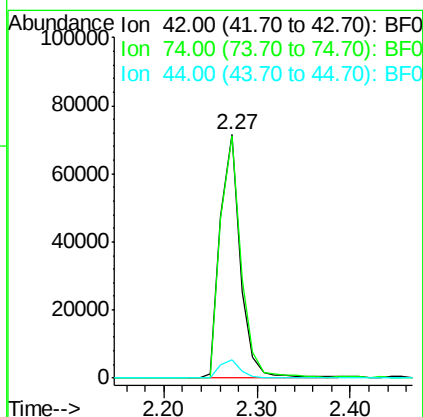
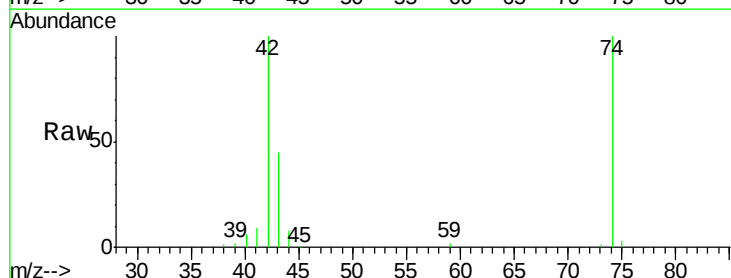
RT: 2.27 min Scan# 60

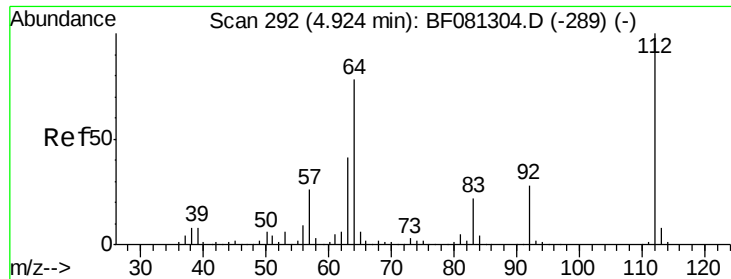
Delta R.T. 0.08 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:	42	Resp:	107622
Ion	Ratio	Lower	Upper
42	100		
74	99.7	105.0	157.6#
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 118.33 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081423.D

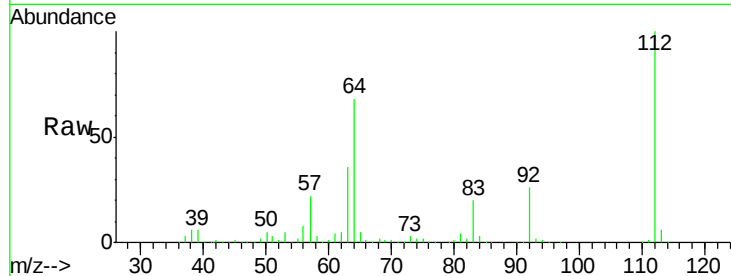
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

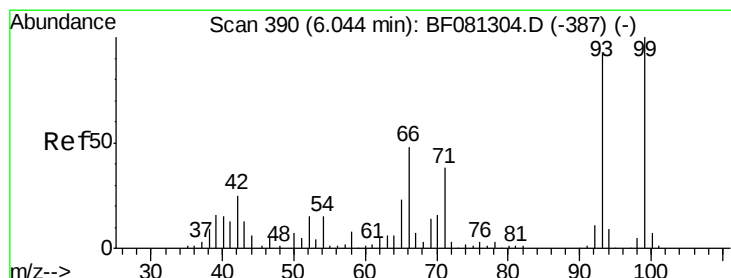
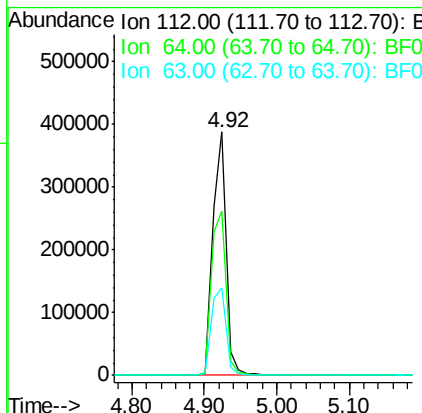
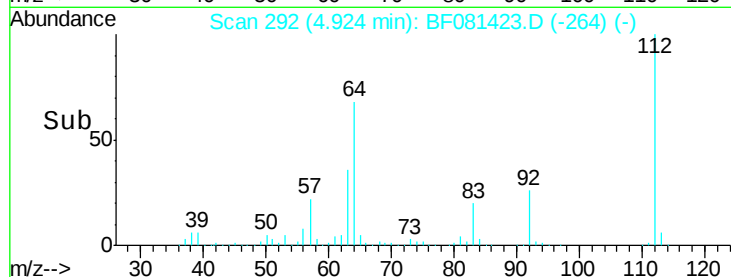
PB85417BS



Tgt Ion:	112	Resp:	492622
Ion Ratio	Lower	Upper	
112	100		
64	67.5	39.7	59.5#
63	36.0	17.4	26.0#

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#6

Aniline

Concen: 22.97 ng

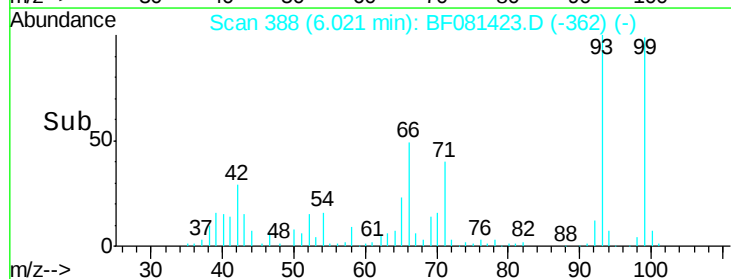
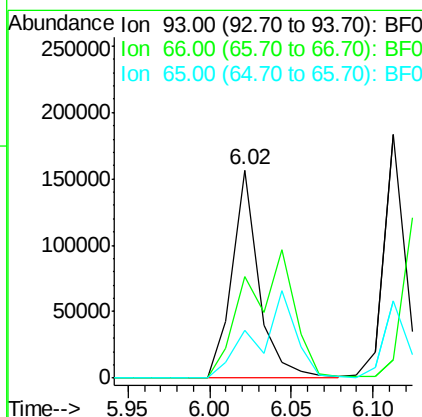
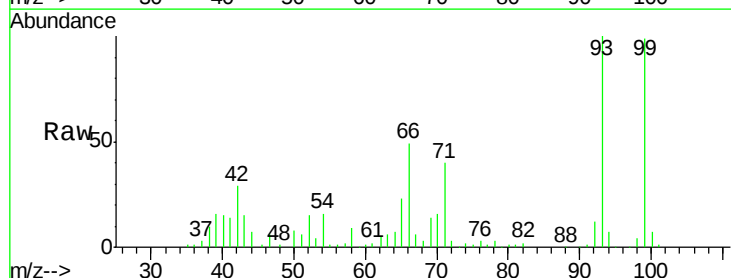
RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:	93	Resp:	178732
Ion Ratio	Lower	Upper	
93	100		
66	48.8	27.2	40.8#
65	23.2	14.7	22.1#





#7

Phenol-d6

Concen: 114.02 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081423.D

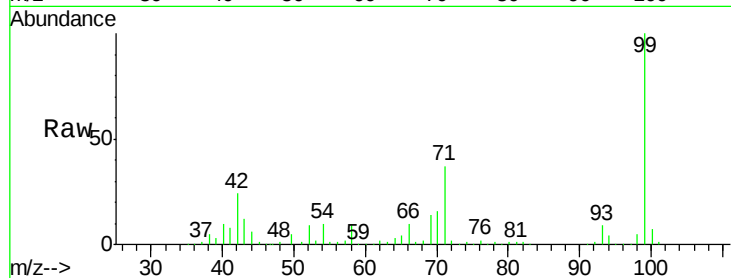
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS



Tgt Ion: 99 Resp: 628318

Ion Ratio Lower Upper

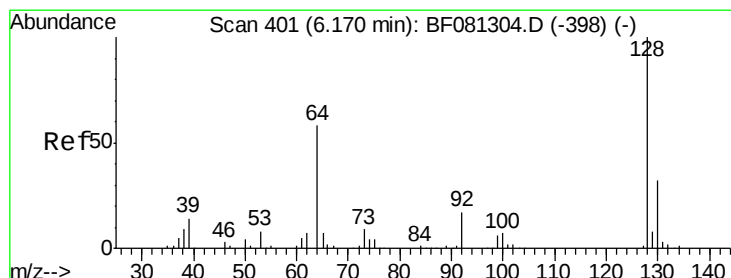
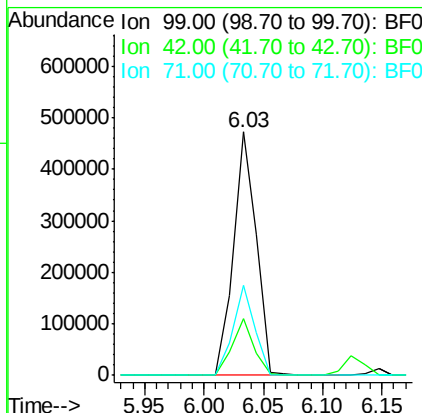
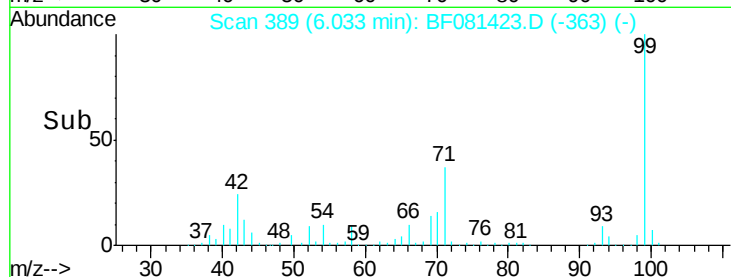
99 100

42 23.6 13.7 20.5#

71 36.8 14.2 21.2#

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#8

2-Chlorophenol

Concen: 39.18 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

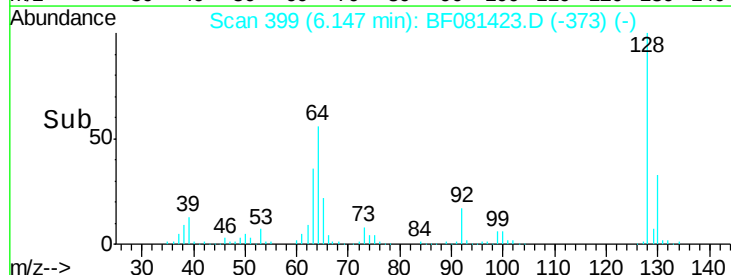
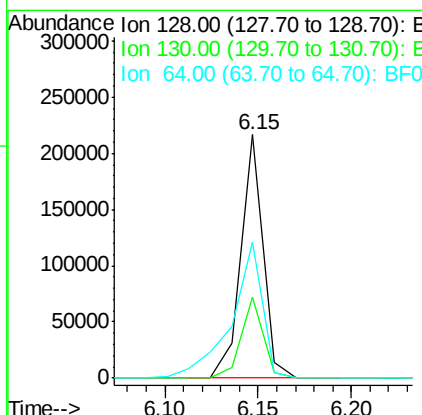
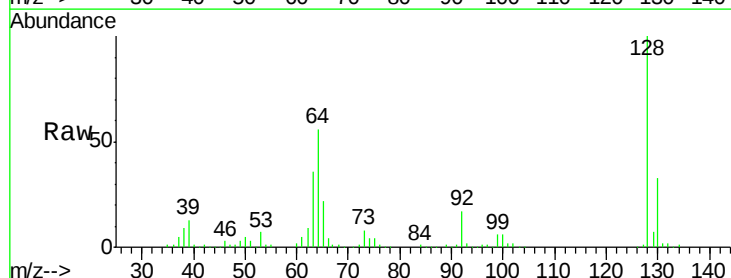
Tgt Ion: 128 Resp: 179738

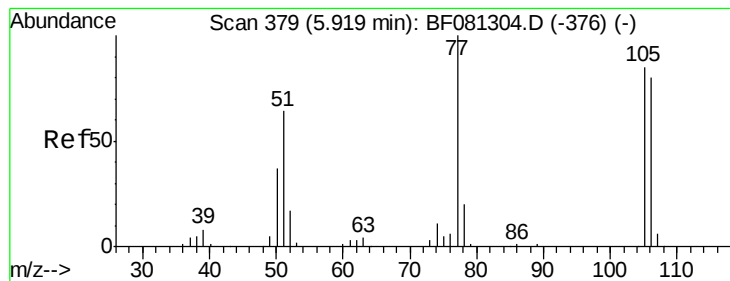
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 56.0 20.5 60.5





#9

Benzaldehyde

Concen: 6.57 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

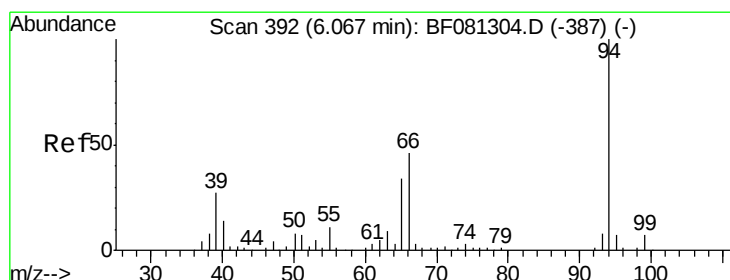
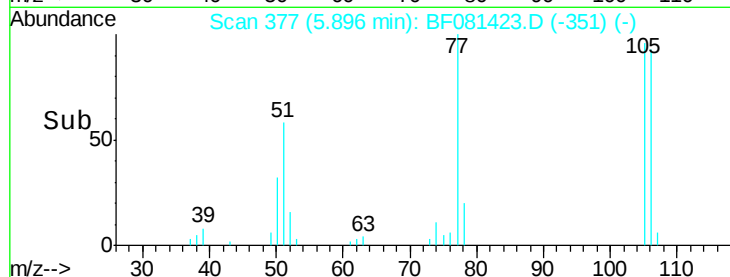
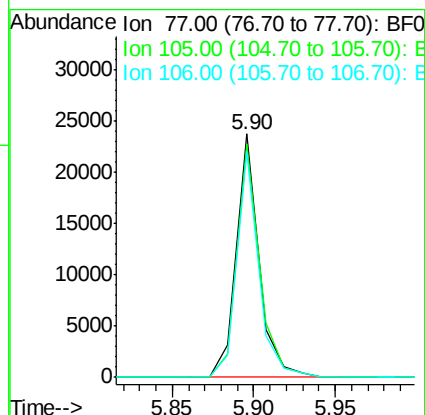
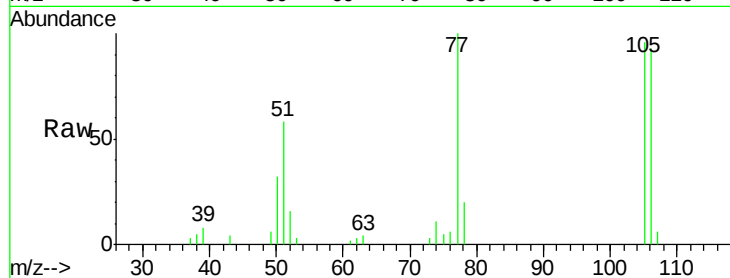
ClientSampleId :

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Tgt Ion:	77	Resp:	22683
Ion	Ratio	Lower	Upper
77	100		
105	95.9	91.6	131.6
106	92.7	102.6	142.6#



#10

Phenol

Concen: 31.90 ng

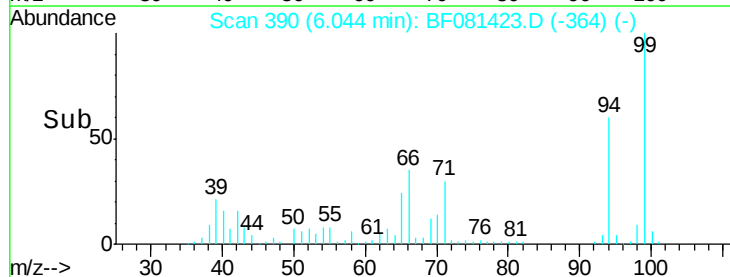
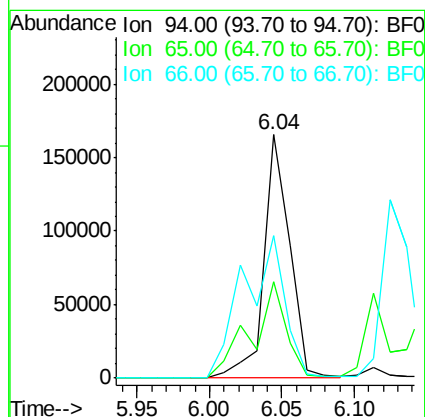
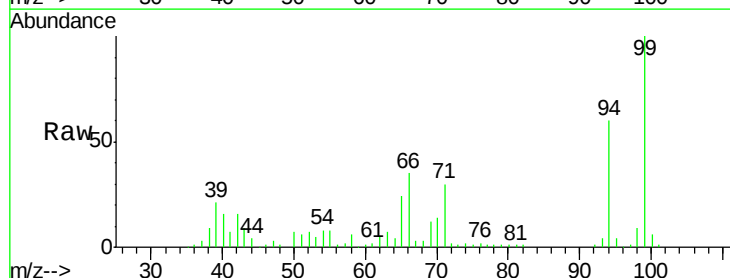
RT: 6.04 min Scan# 390

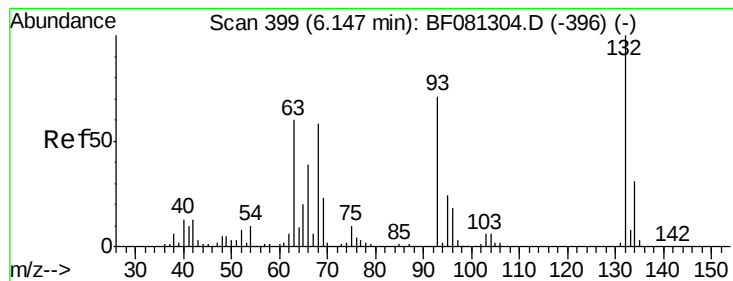
Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:	94	Resp:	203876
Ion	Ratio	Lower	Upper
94	100		
65	39.8	0.7	40.7
66	58.3	0.8	40.8#





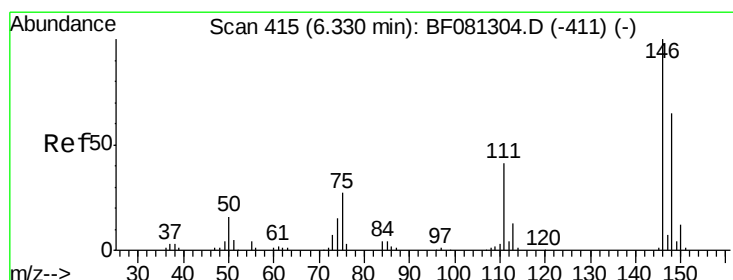
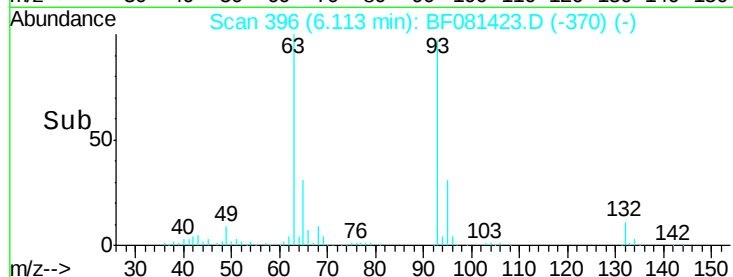
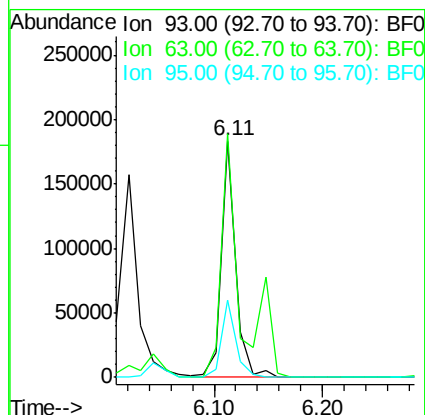
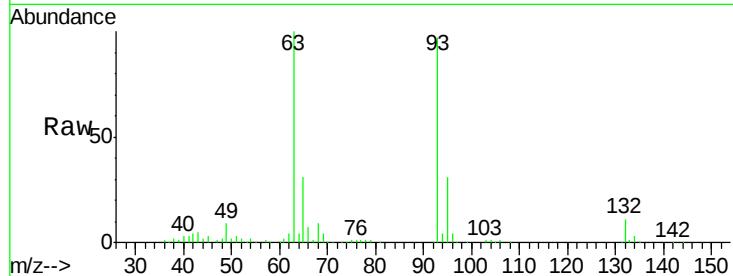
#11
bis(2-Chloroethyl)ether
Concen: 36.85 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169919		
63	103.0	65.6	105.6	
95	32.4	13.6	53.6	

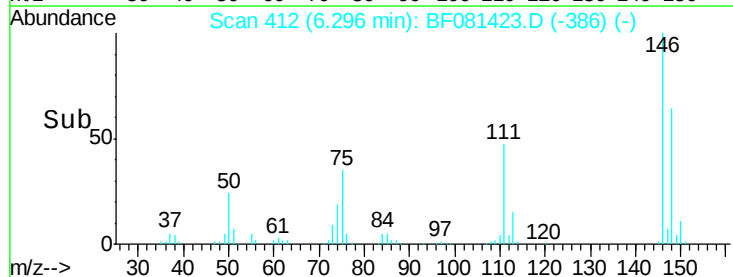
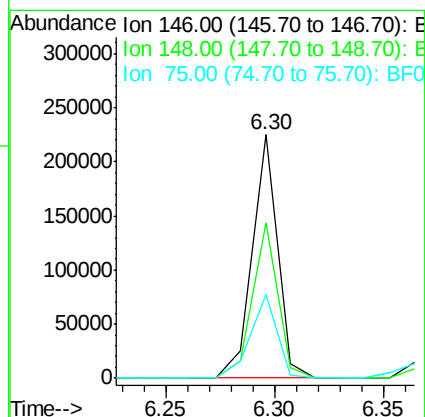
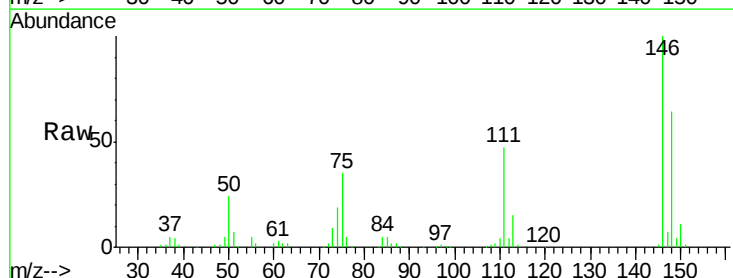
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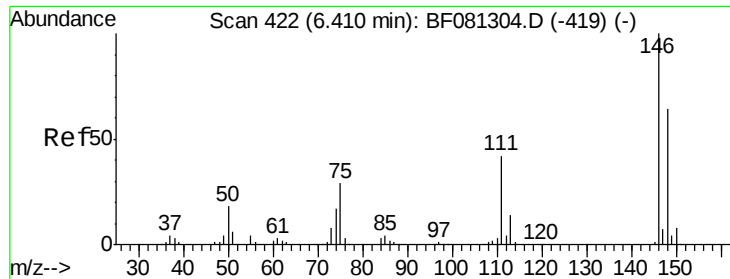
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#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181626		
148	63.6	51.0	76.4	
75	34.5	15.0	22.6	





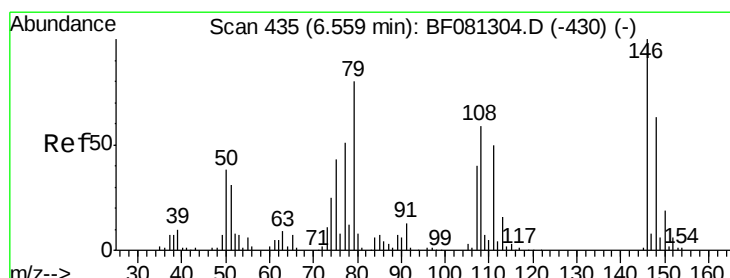
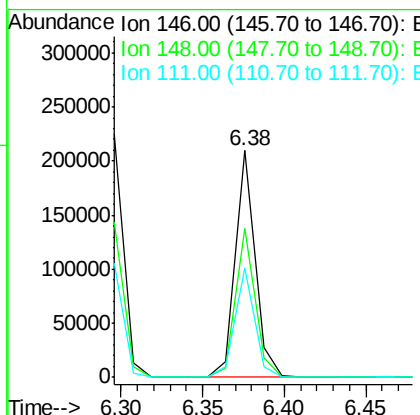
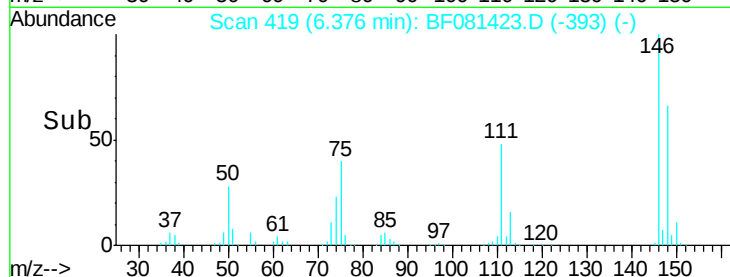
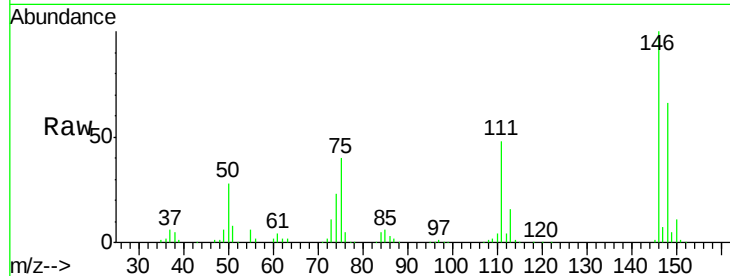
#13
 1,4-Dichlorobenzene
 Concen: 34.79 ng
 RT: 6.38 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	48.5	24.9	37.3

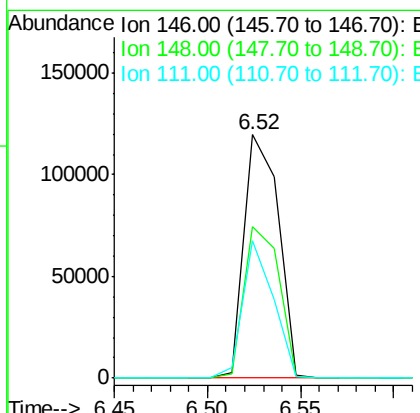
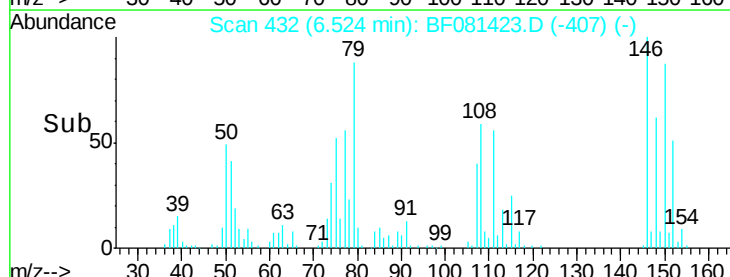
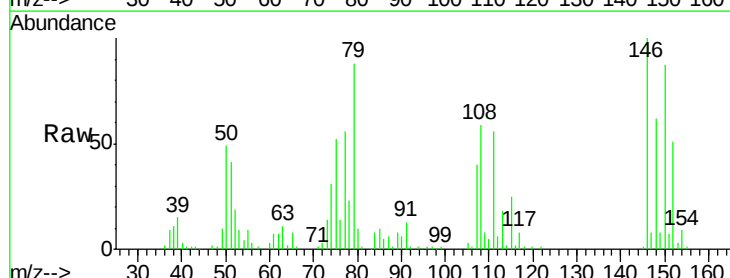
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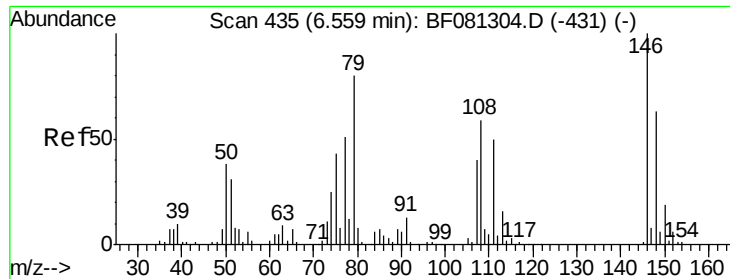
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#14
 1,2-Dichlorobenzene
 Concen: 34.01 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.7	79.1
111	56.4	28.8	43.2





#15

Benzyl Alcohol

Concen: 36.90 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampled :

PB85417BS

Tgt Ion: 79 Resp: 166803
Ion Ratio Lower Upper

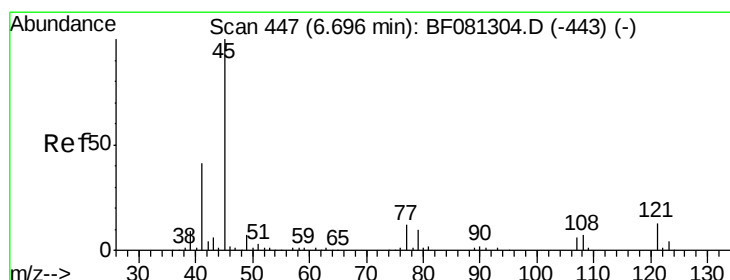
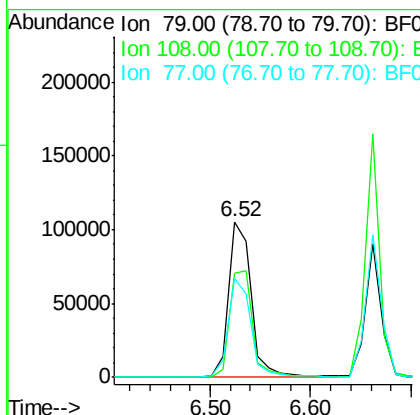
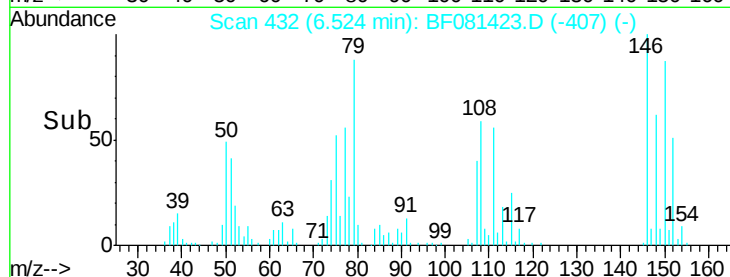
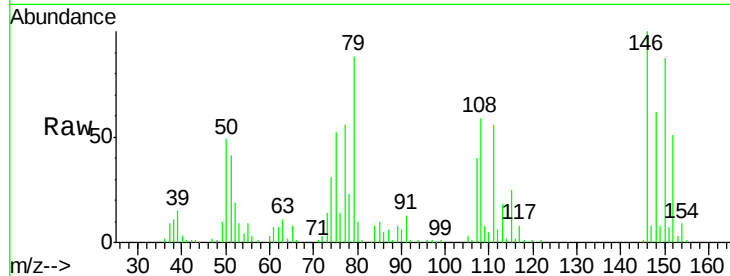
79 100

108 66.6 88.6 132.8#

77 63.7 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.33 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081423.D

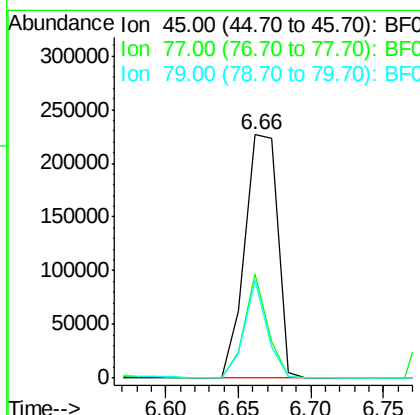
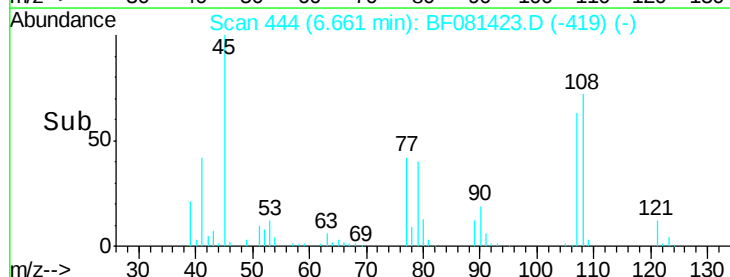
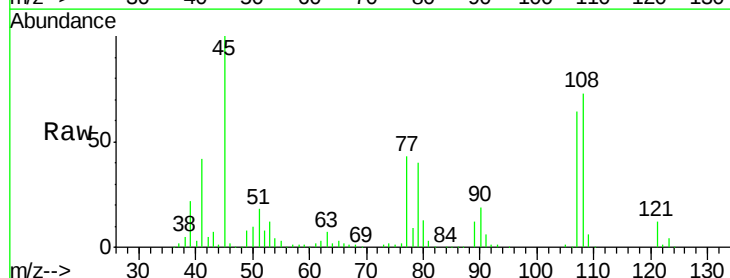
Acq: 4 Sep 2015 17:16

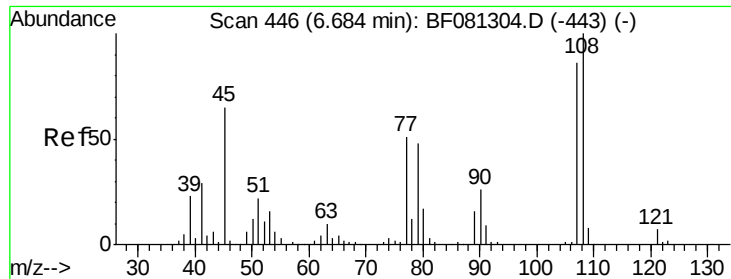
Tgt Ion: 45 Resp: 356426
Ion Ratio Lower Upper

45 100

77 42.7 0.0 28.1#

79 40.0 0.0 26.0#





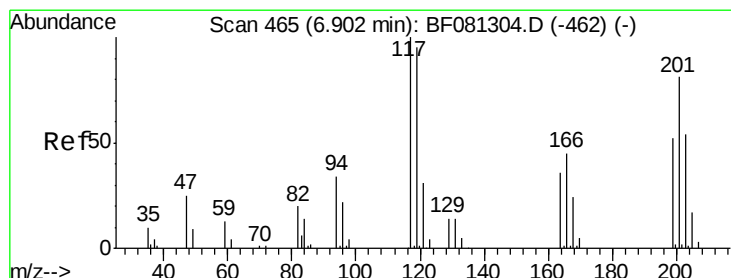
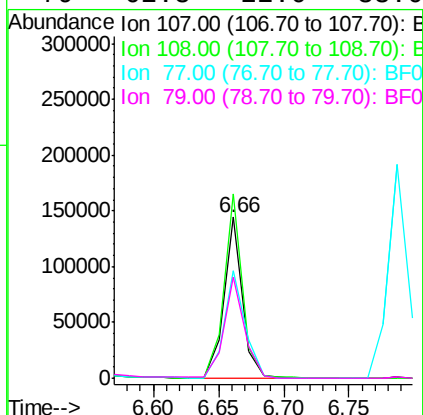
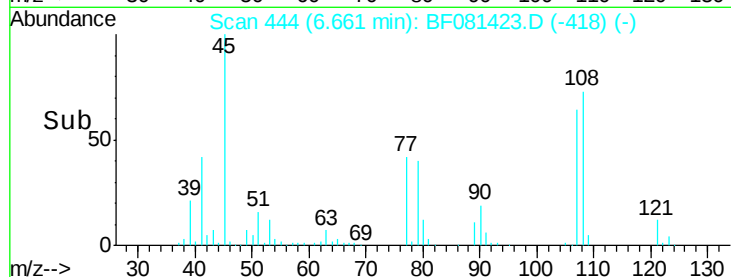
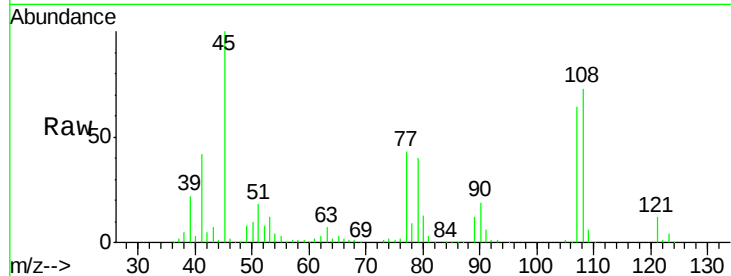
#17
 2-Methylphenol
 Concen: 38.88 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	142320		
108	114.3	96.6	145.0	
77	67.1	23.3	34.9	
79	62.8	22.0	33.0	

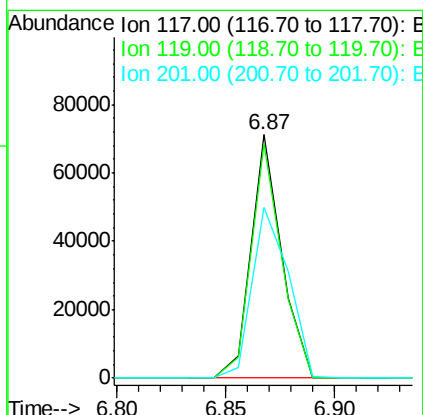
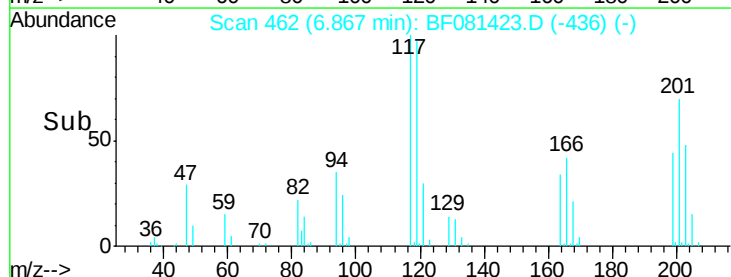
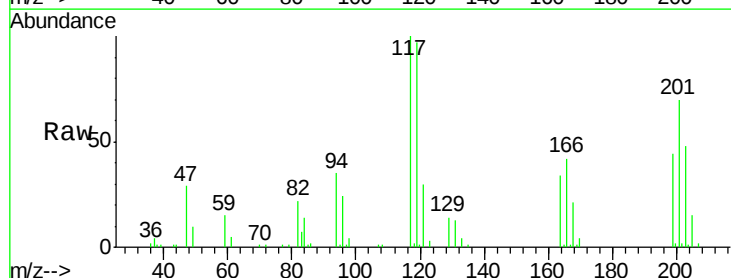
Manual Integrations
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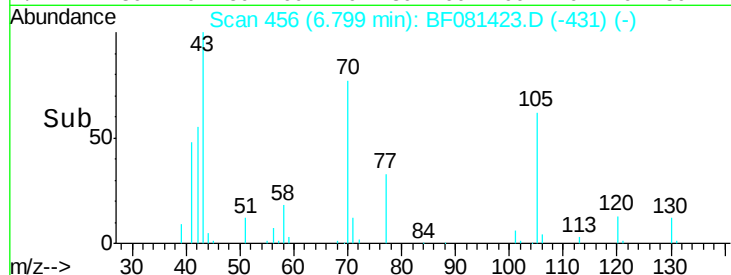
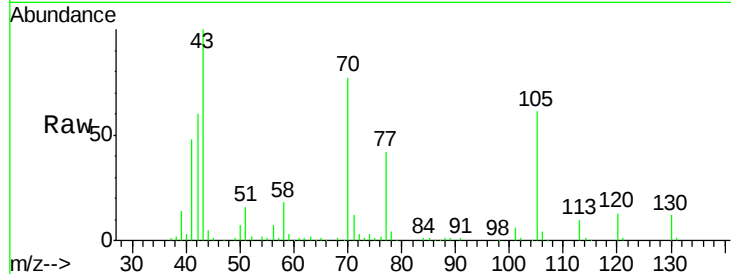
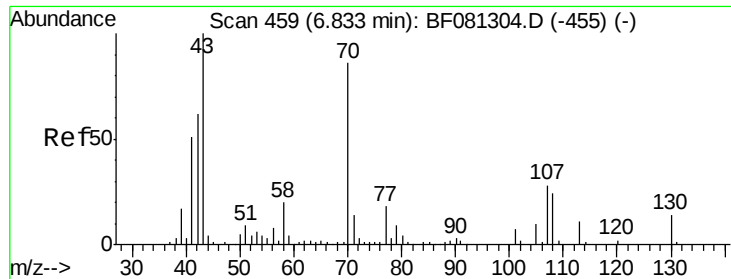
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#18
 Hexachloroethane
 Concen: 35.72 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69357		
119	96.5	83.8	125.6	
201	70.2	55.1	82.7	





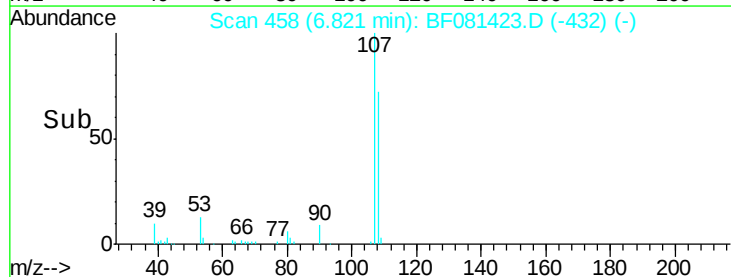
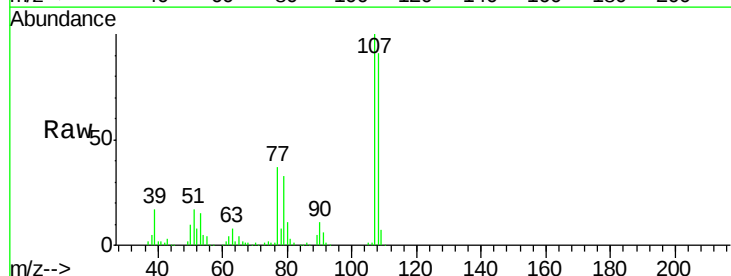
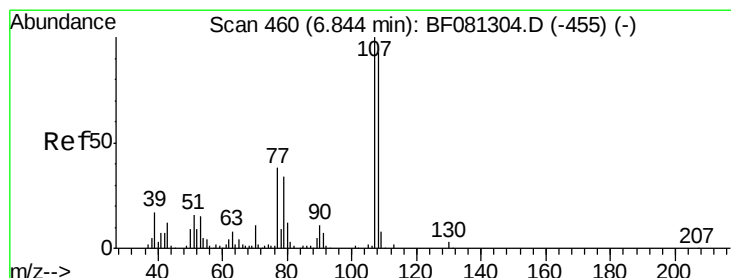
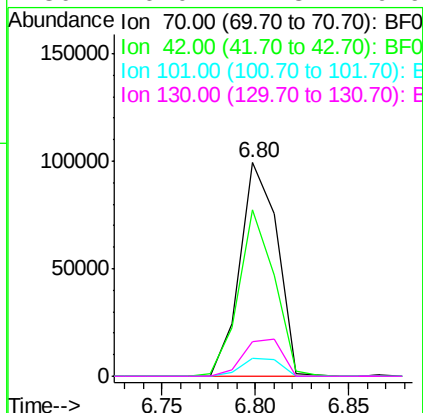
#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Manual Integrations
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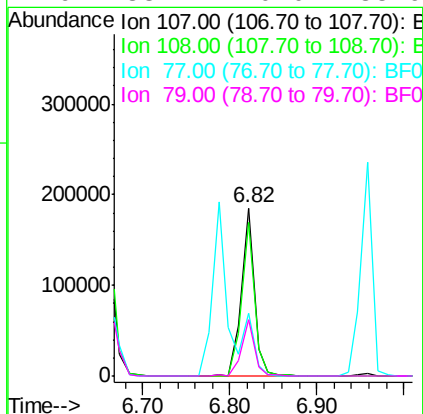
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.8	63.8	95.6
101	8.4	9.2	13.8#
130	16.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 39.24 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	74.6	114.6
77	37.1	0.7	40.7
79	33.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081423.D

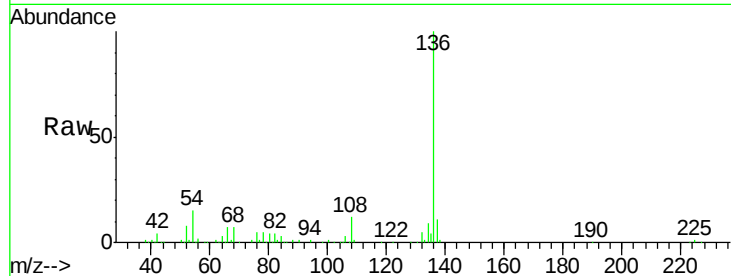
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

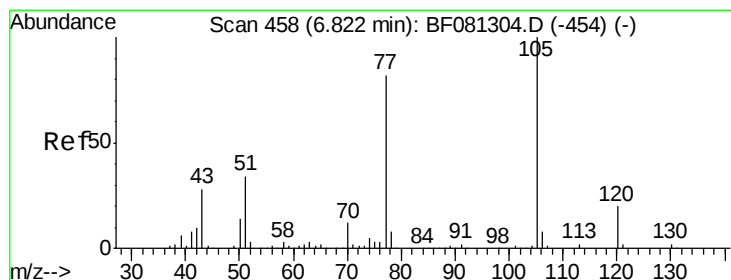
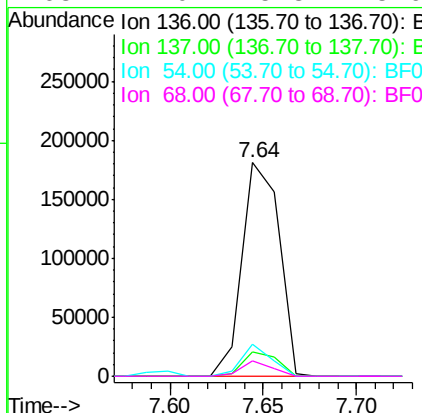
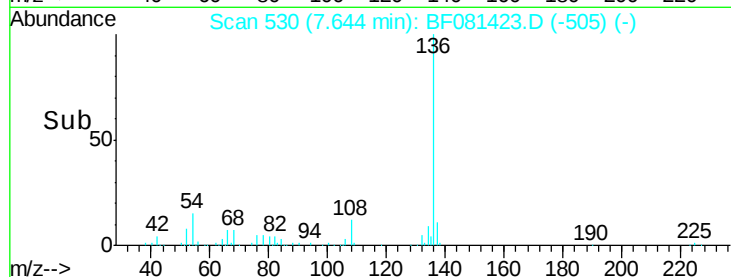
PB85417BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	249416		
137	11.1	9.0	13.6	
54	15.2	8.2	12.2#	
68	7.0	5.8	8.6	

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#22

Acetophenone

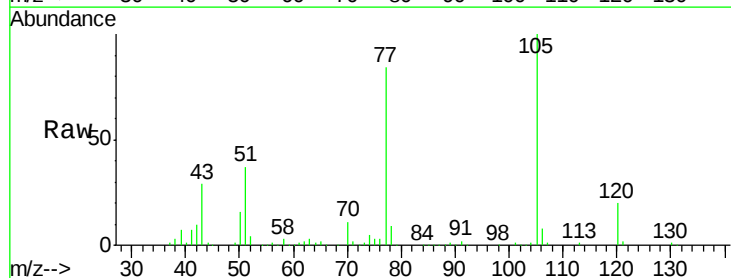
Concen: 36.85 ng

RT: 6.79 min Scan# 455

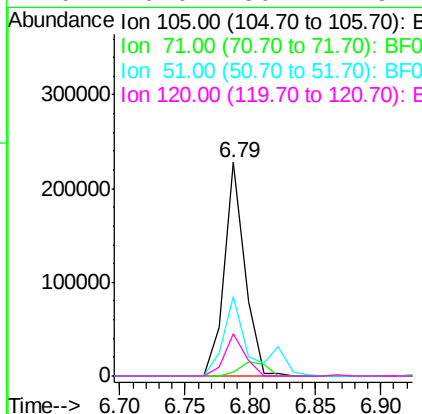
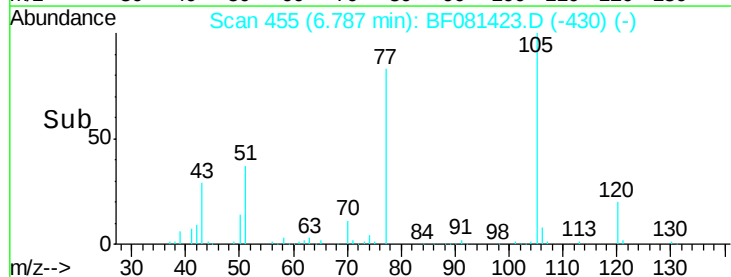
Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251047		
71	1.8	4.7	7.1#	
51	37.3	22.0	33.0#	
120	20.0	30.1	45.1#	





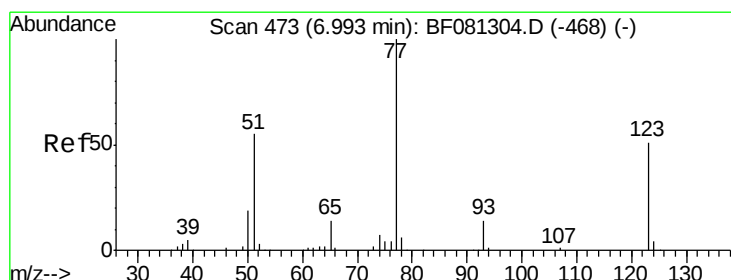
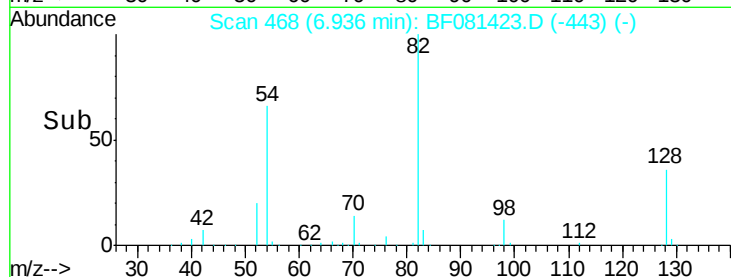
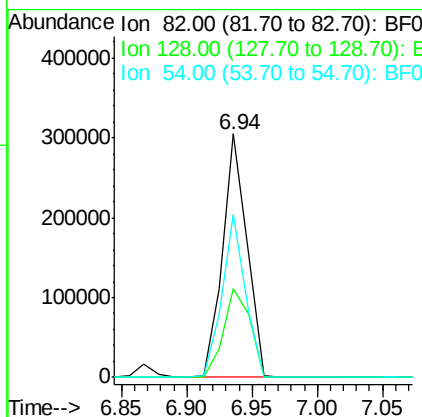
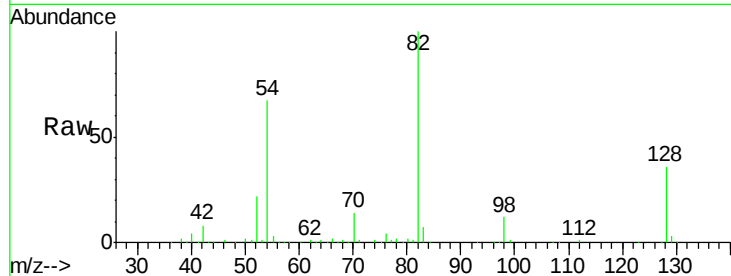
#23
 Nitrobenzene-d5
 Concen: 76.33 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	394618		
128	36.4	51.0	76.6#	
54	67.0	47.5	71.3	

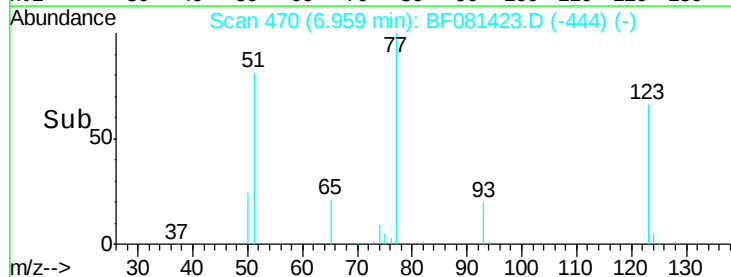
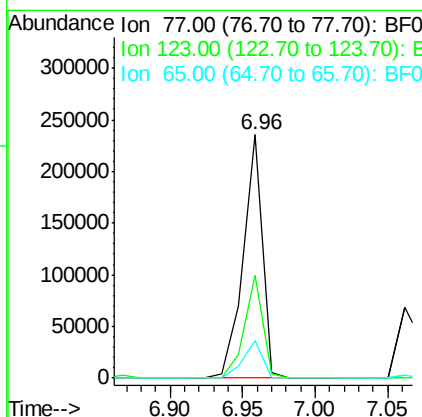
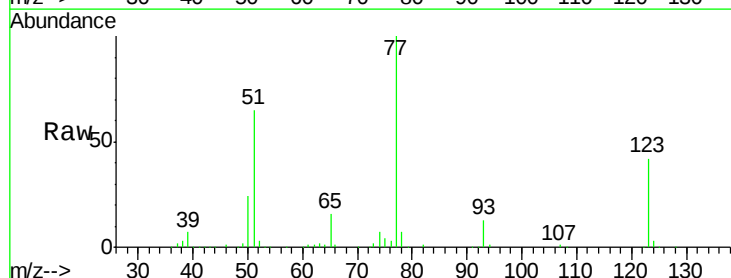
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#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	218377		
123	42.5	59.8	89.8#	
65	15.6	10.2	15.4#	





#25

Isophorone

Concen: 37.63 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081423.D

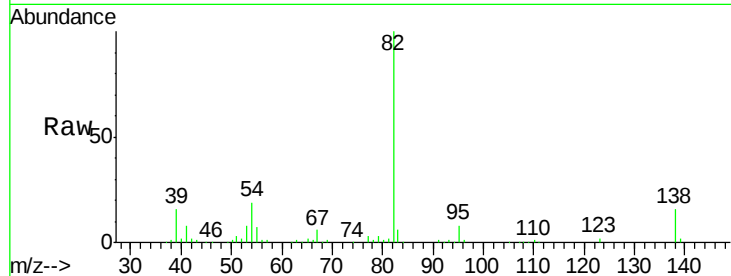
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS



Tgt Ion: 82 Resp: 361865

Ion Ratio Lower Upper

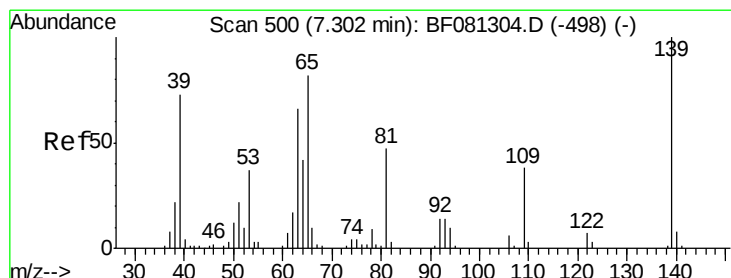
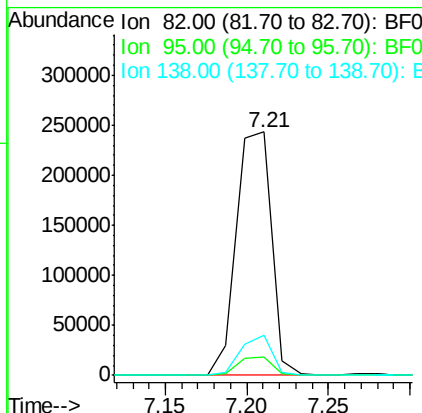
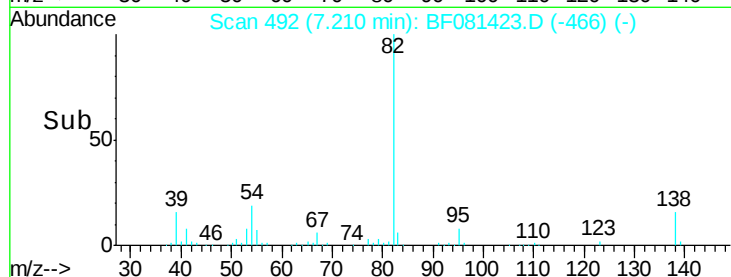
82 100

95 7.7 4.0 6.0#

138 16.3 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.96 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

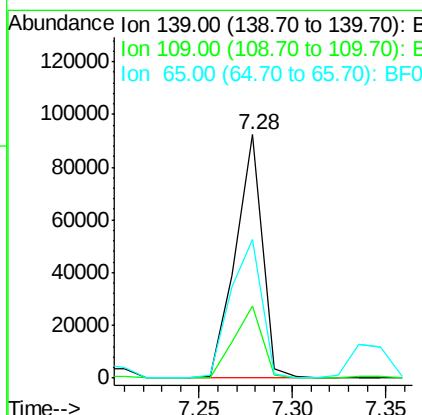
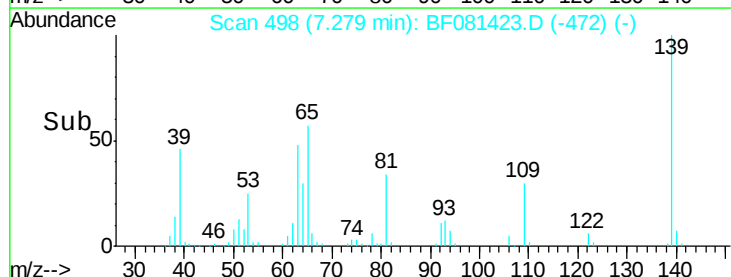
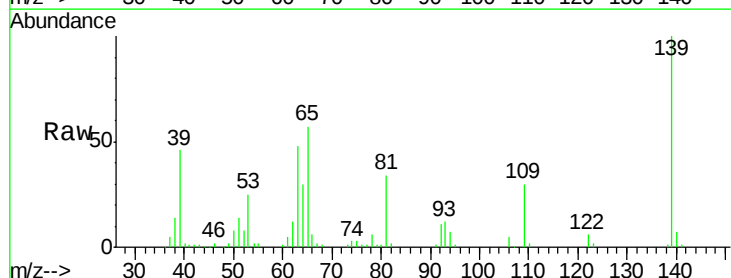
Tgt Ion: 139 Resp: 93490

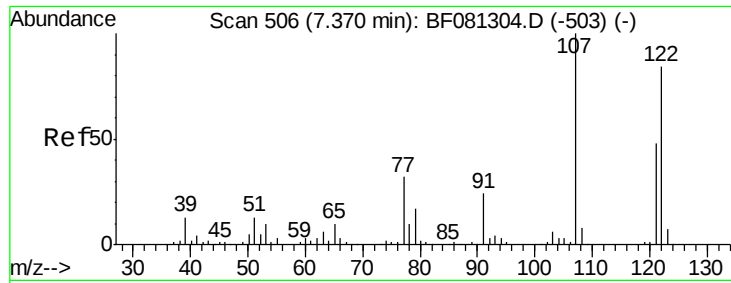
Ion Ratio Lower Upper

139 100

109 29.8 11.0 16.4#

65 56.8 24.7 37.1#





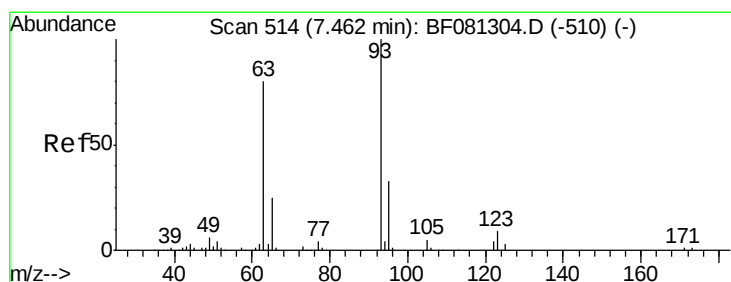
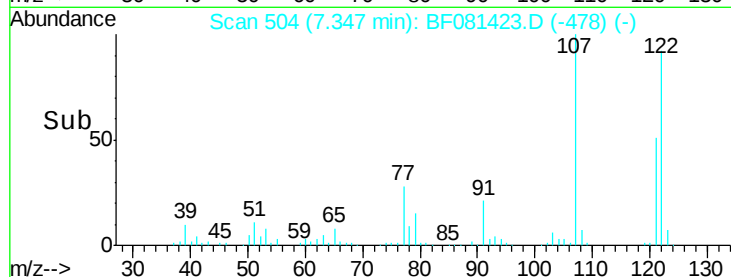
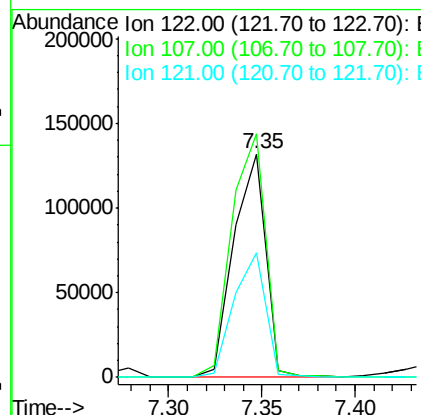
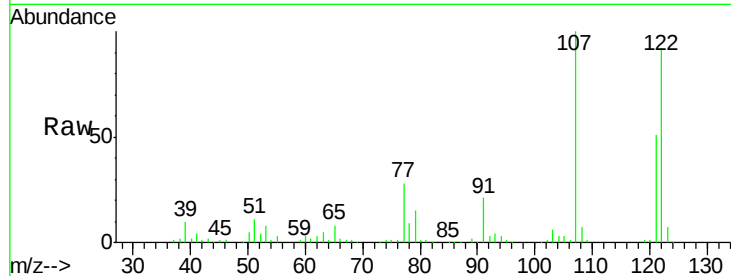
#27
 2,4-Dimethylphenol
 Concen: 39.55 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	159835		
107	109.0	71.8	107.6#	
121	55.6	42.3	63.5	

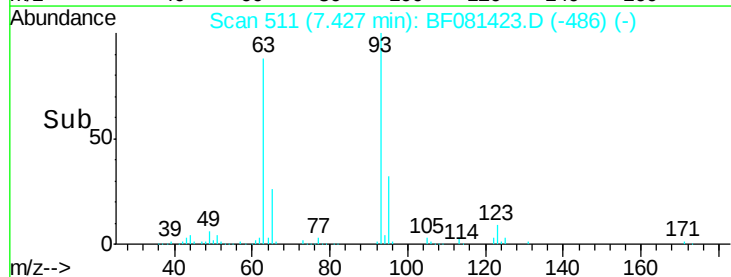
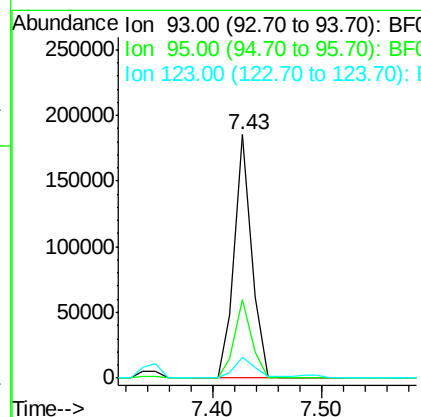
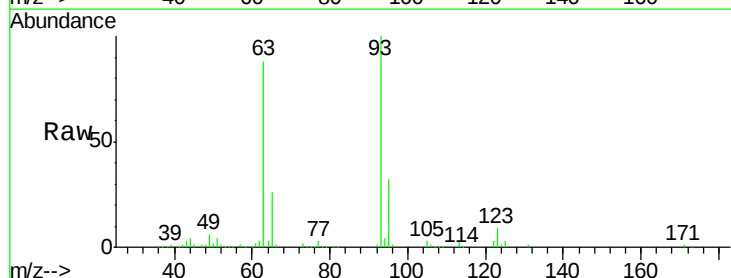
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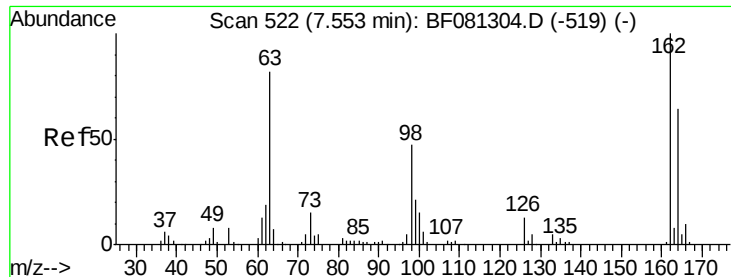
MMDadoda
 9/8/2015 1:56:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.71 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	203885		
95	32.4	27.5	41.3	
123	8.6	13.7	20.5#	





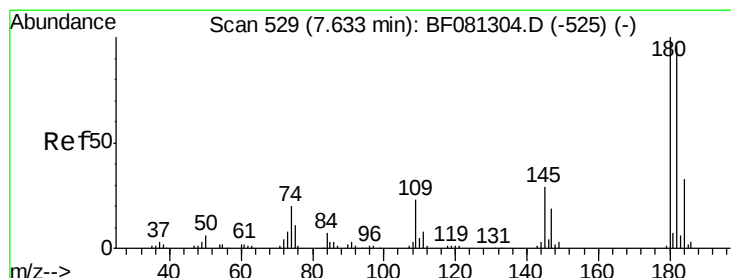
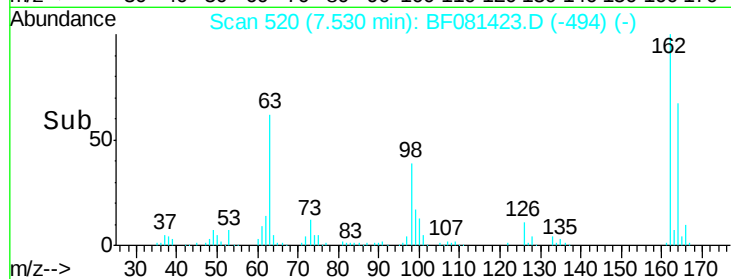
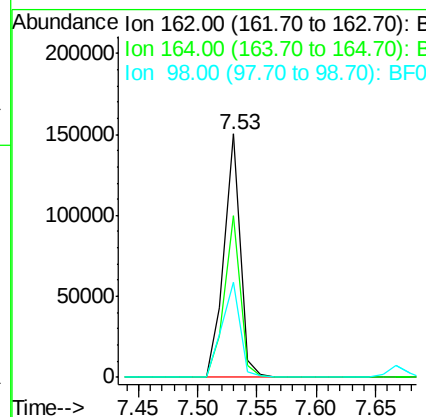
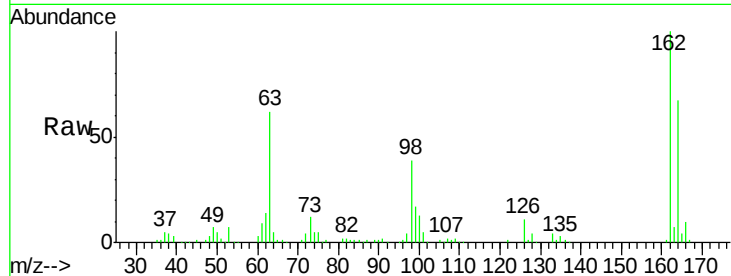
#29
 2,4-Dichlorophenol
 Concen: 40.53 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	142030		
164	66.5	44.9	84.9	
98	38.9	13.0	53.0	

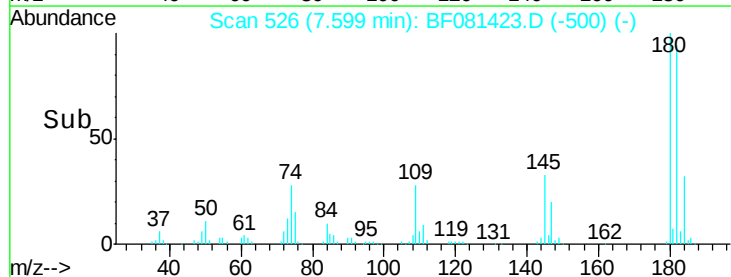
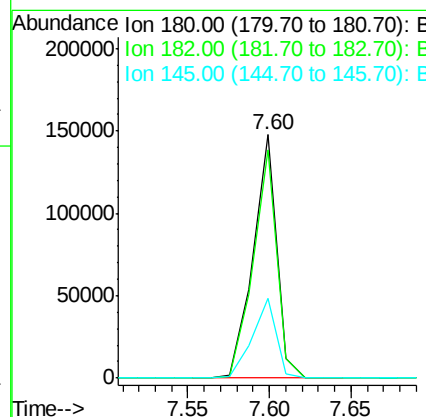
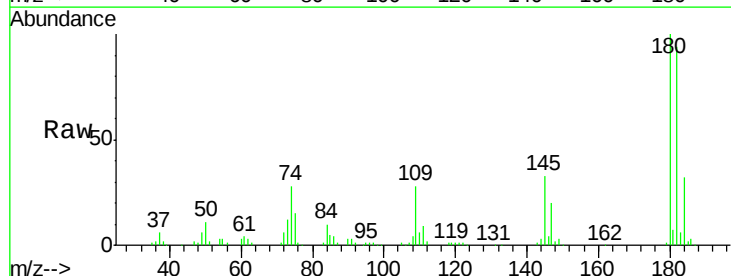
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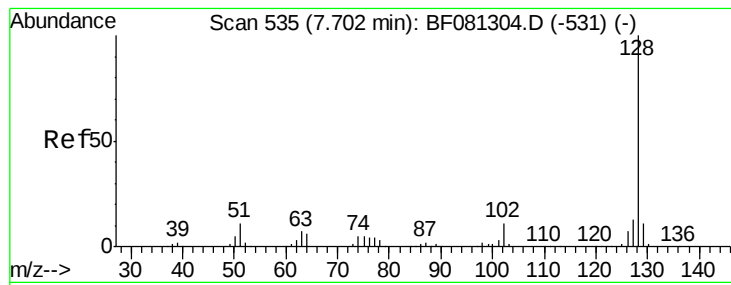
MMDadoda
 9/8/2015 1:56:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.76 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147584		
182	93.5	77.1	115.7	
145	32.6	23.3	34.9	





#31

Naphthalene

Concen: 35.06 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081423.D

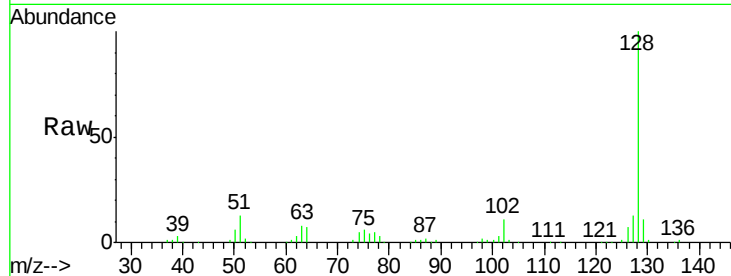
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

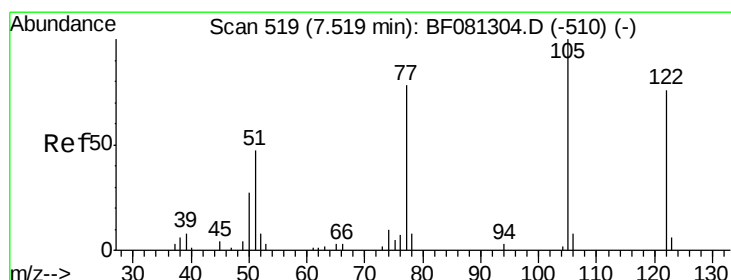
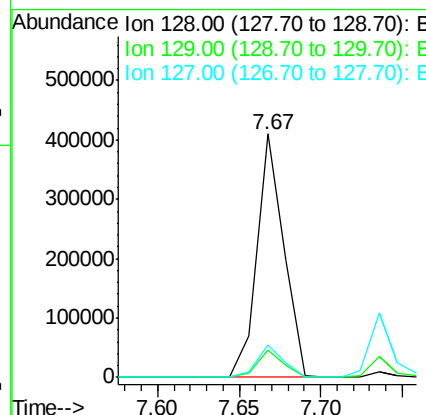
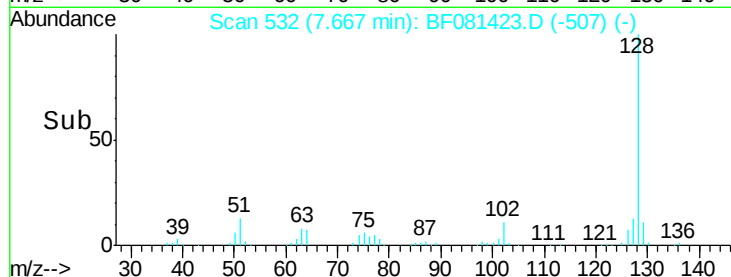
PB85417BS



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	466325		
129	11.5	8.4	12.6	
127	13.3	9.9	14.9	

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#32

Benzoic acid

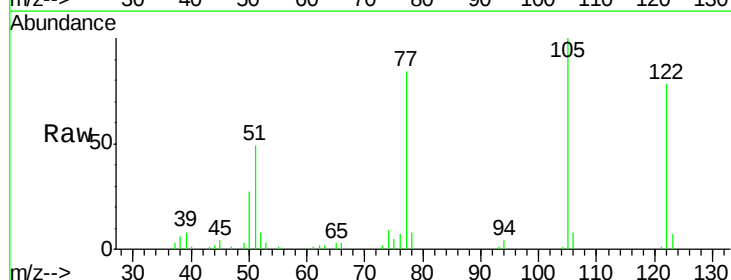
Concen: 28.80 ng

RT: 7.50 min Scan# 517

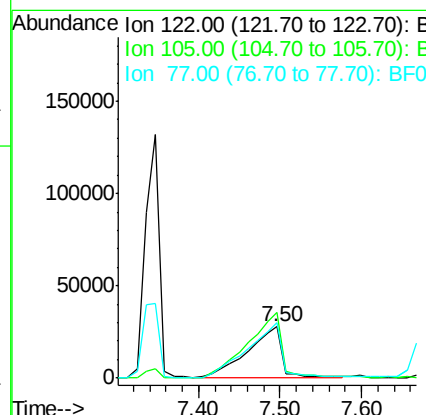
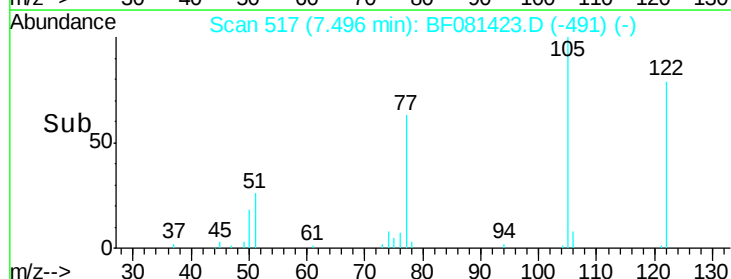
Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79988		
105	128.7	76.1	116.1#	
77	107.8	40.5	80.5#	





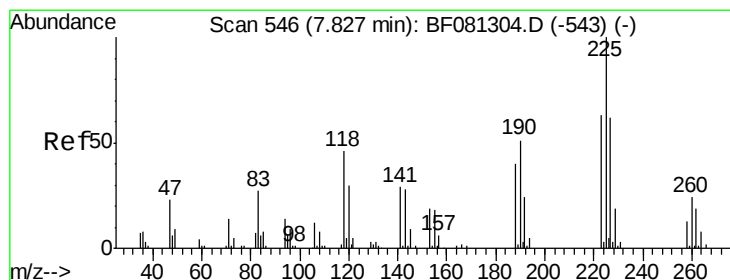
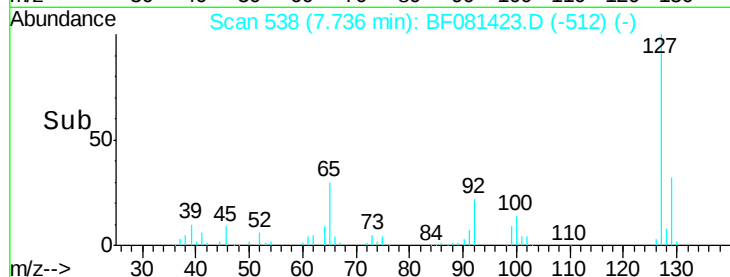
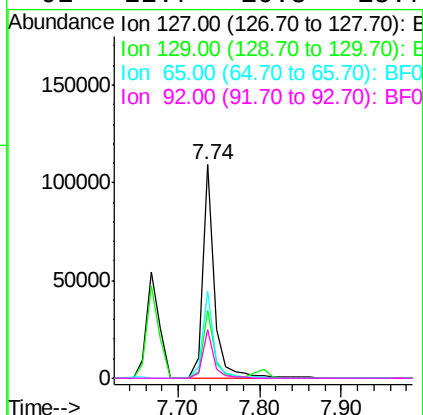
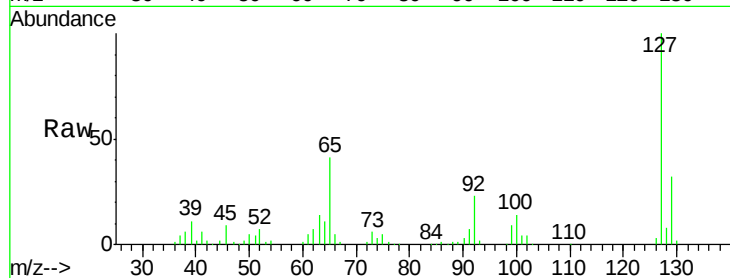
#33
4-Chloroaniline
Concen: 20.60 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	111761		
129	31.7	25.8	38.6	
65	40.5	17.9	26.9	
92	22.7	10.5	15.7	

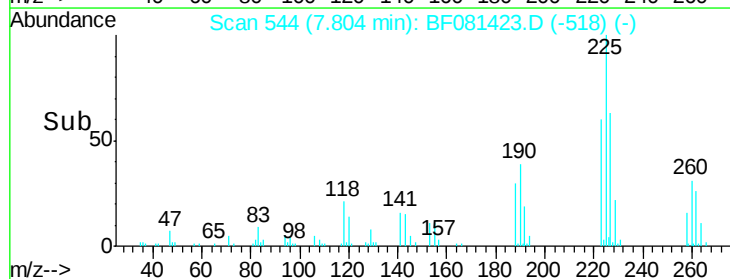
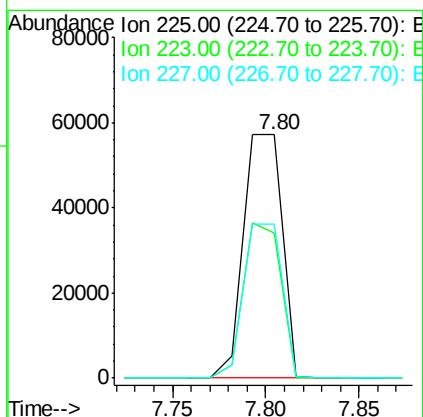
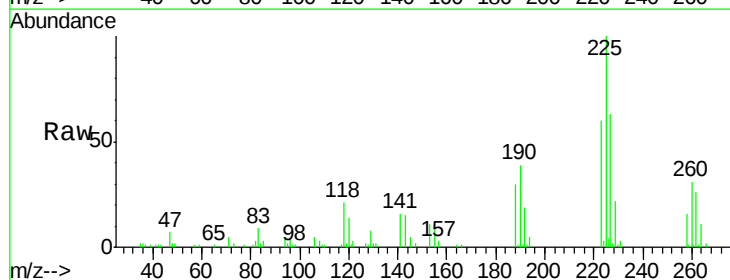
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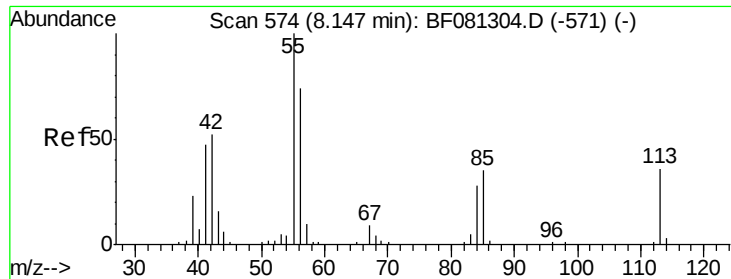
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#34
Hexachlorobutadiene
Concen: 35.53 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82315		
223	59.8	50.2	75.2	
227	63.0	52.2	78.2	





#35

Caprolactam

Concen: 47.98 ng m

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

Tgt Ion:113 Resp: 51568

Ion Ratio Lower Upper

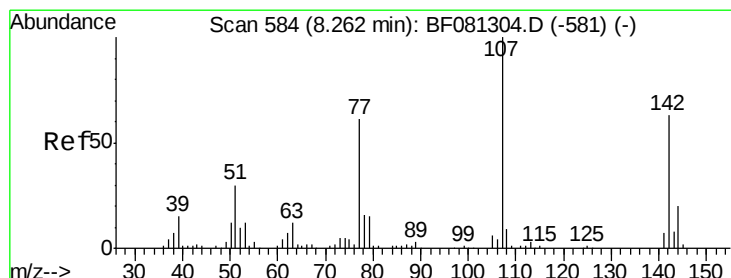
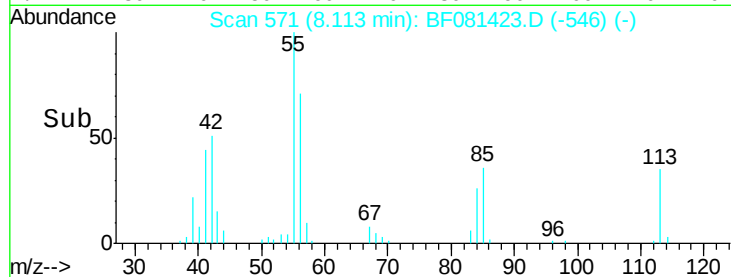
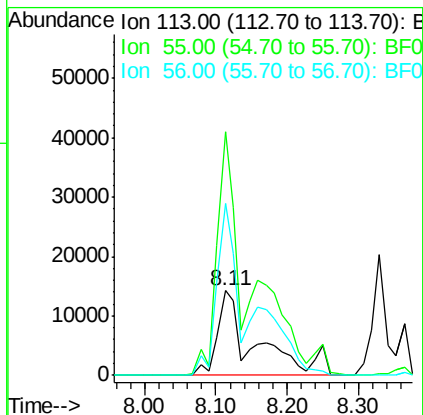
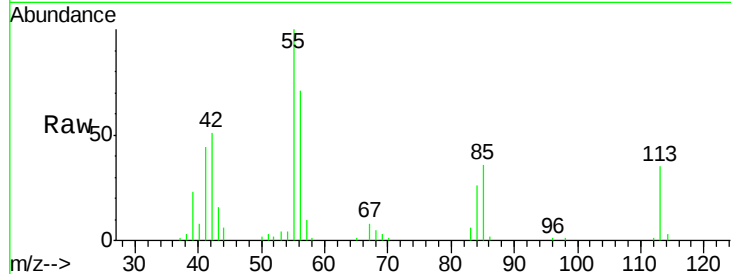
113 100

55 288.7 152.4 192.4#

56 203.9 104.6 144.6#

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#36

4-Chloro-3-methylphenol

Concen: 45.06 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

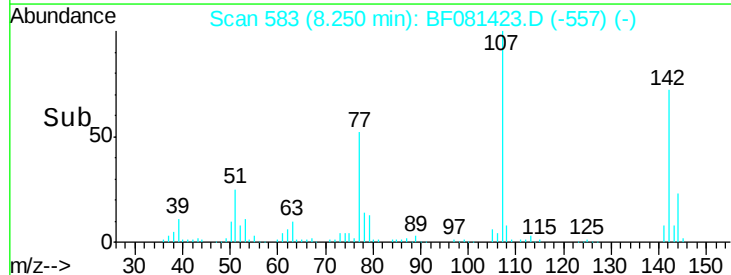
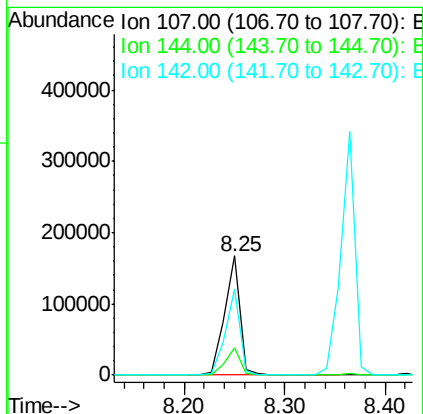
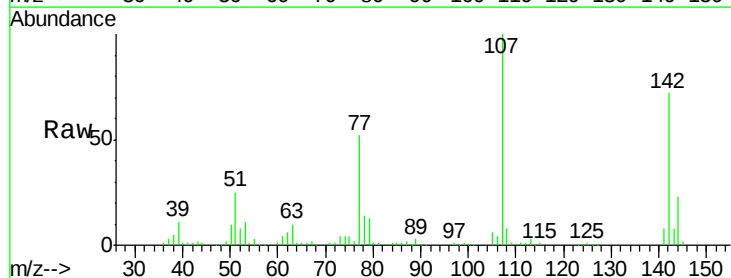
Tgt Ion:107 Resp: 176774

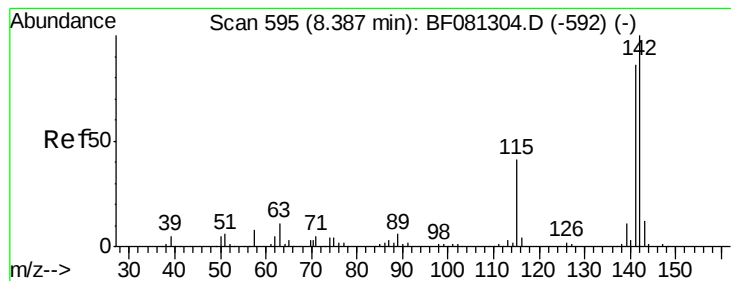
Ion Ratio Lower Upper

107 100

144 22.8 25.4 38.0#

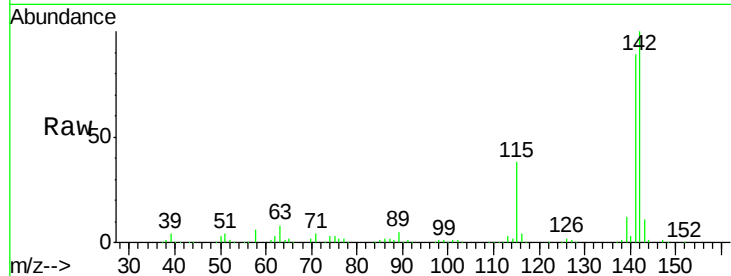
142 72.2 77.3 115.9#





#37
 2-Methylnaphthalene
 Concen: 38.58 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

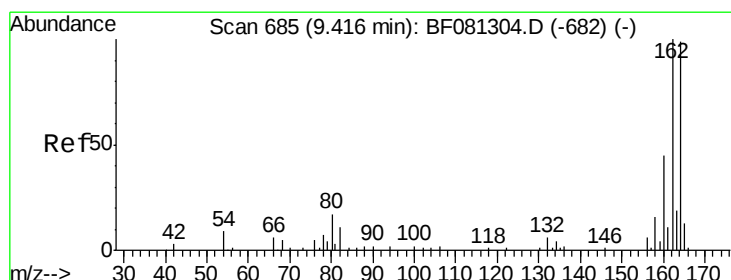
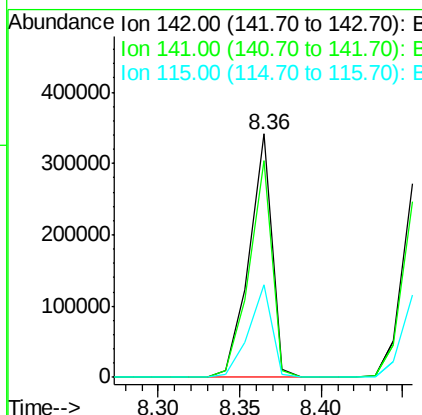
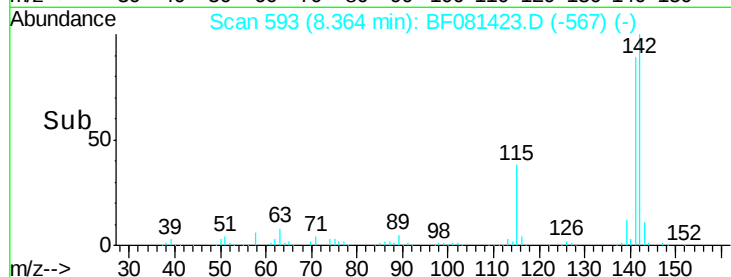
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS



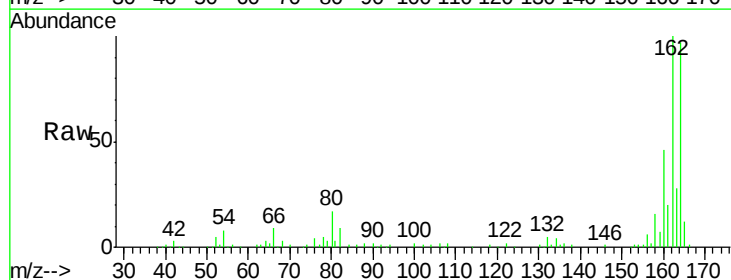
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.9	67.5	101.3
115	38.2	18.2	27.2

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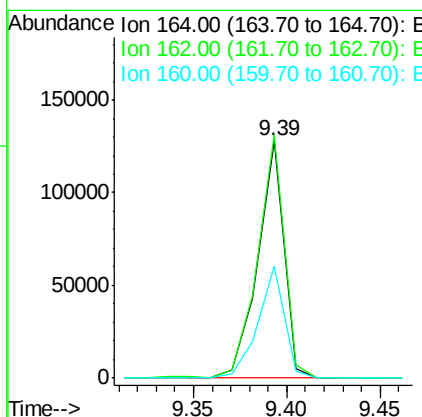
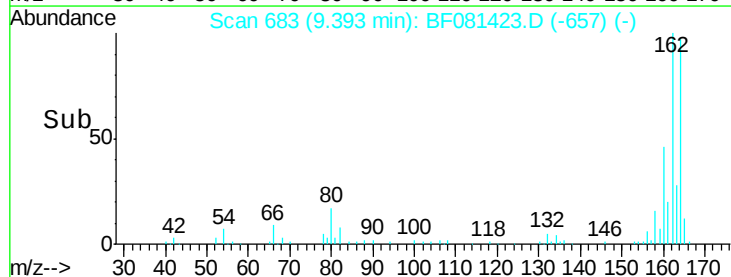
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16



Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.6	75.2	112.8
160	47.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.06 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

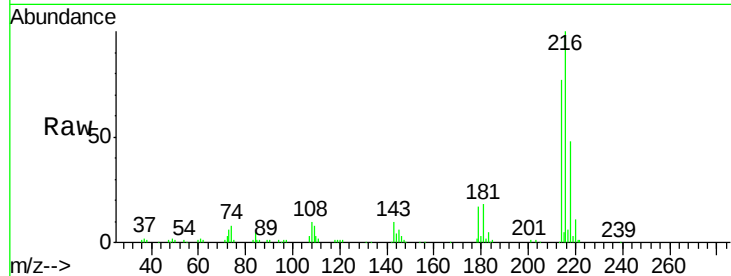
ClientSampleId :

PB85417BS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	129231		
214	214	78.4	63.5	95.3	
179	179	21.6	16.6	24.8	
108	108	22.9	16.3	24.5	

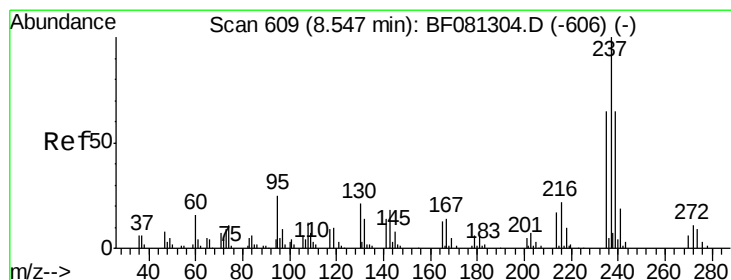
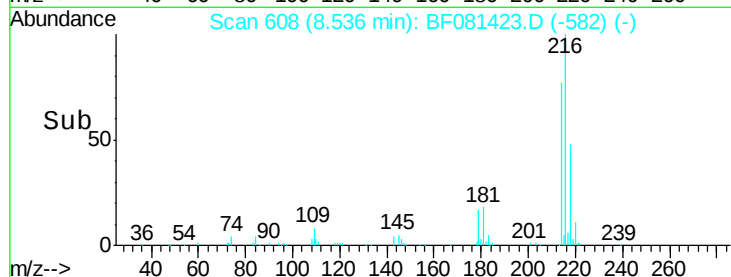
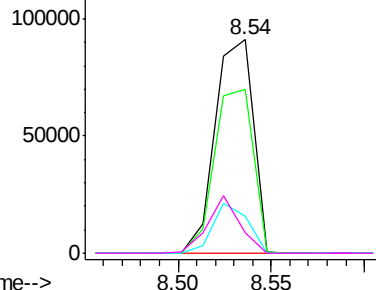


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.42 ng

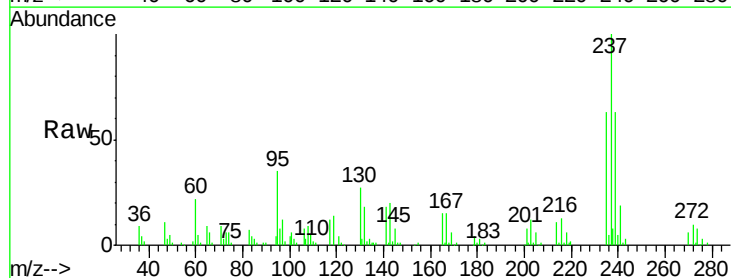
RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

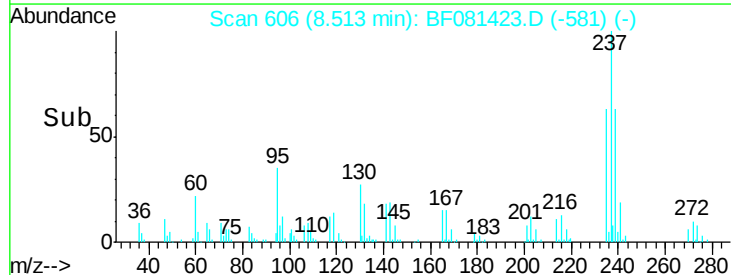
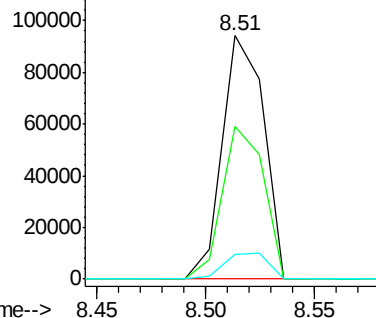
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	125482		
235	235	62.7	42.0	82.0	
272	272	10.1	0.0	36.1	

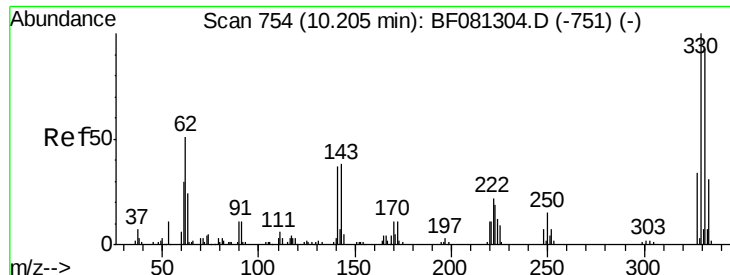


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

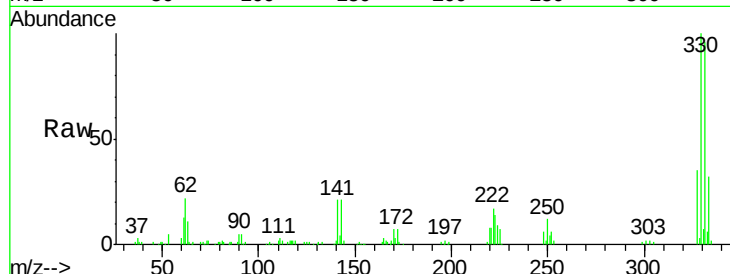
Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 119.23 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

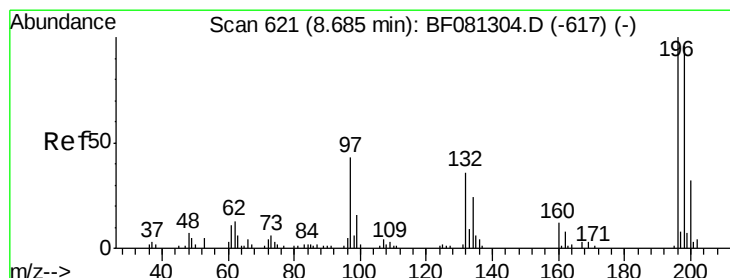
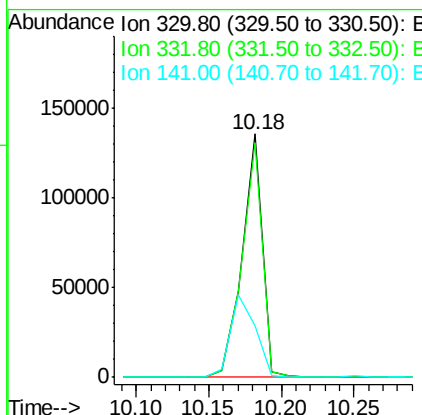
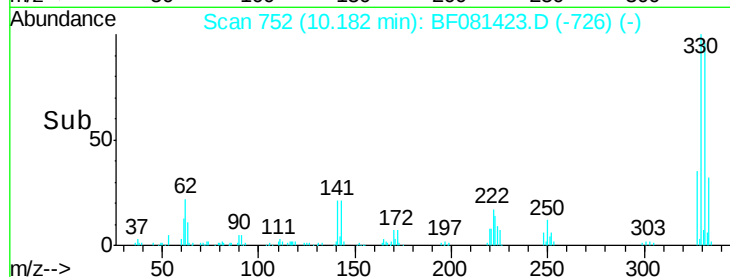
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131199		
332	97.5	76.6	114.8	
141	42.2	29.7	44.5	

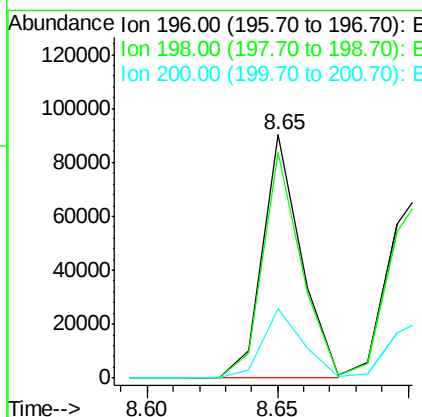
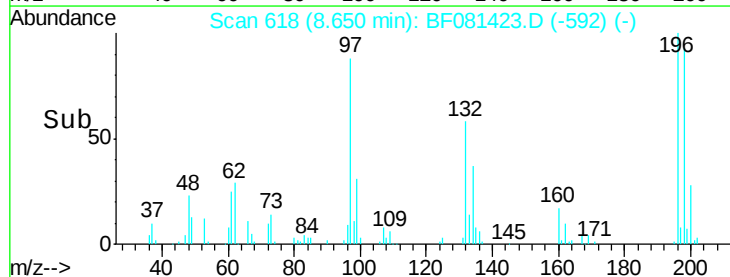
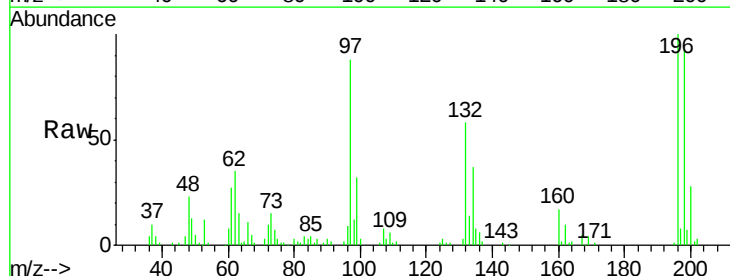
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#42
 2,4,6-Trichlorophenol
 Concen: 34.27 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

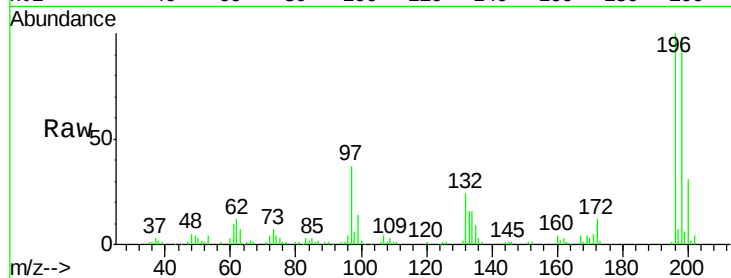
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92437		
198	92.5	75.7	113.5	
200	28.5	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 35.23 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

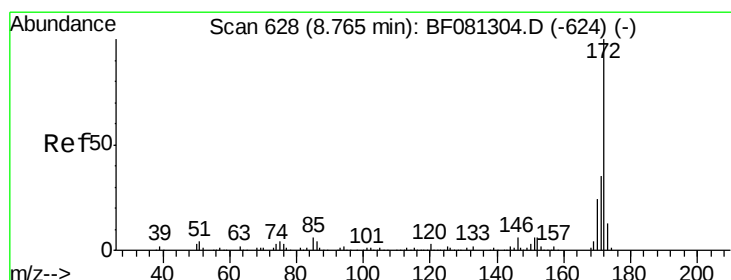
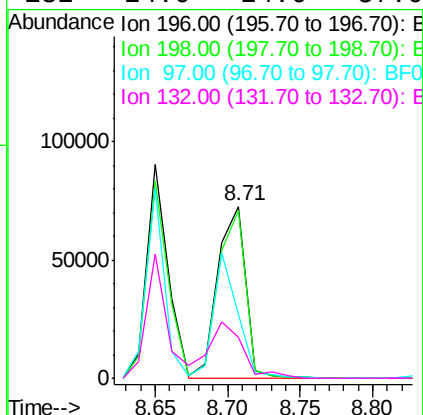
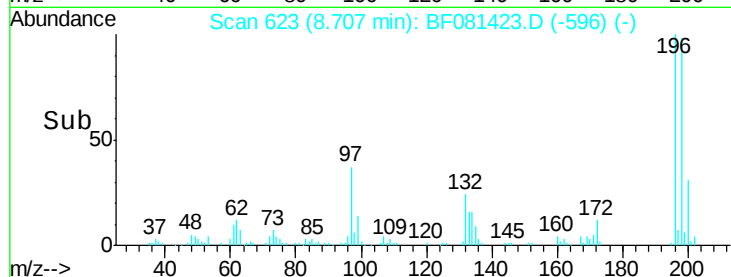
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS



Tgt Ion:	196	Resp:	96944
Ion Ratio	Lower	Upper	
196	100		
198	97.6	75.4	113.0
97	37.0	33.3	49.9
132	24.0	24.6	37.0#

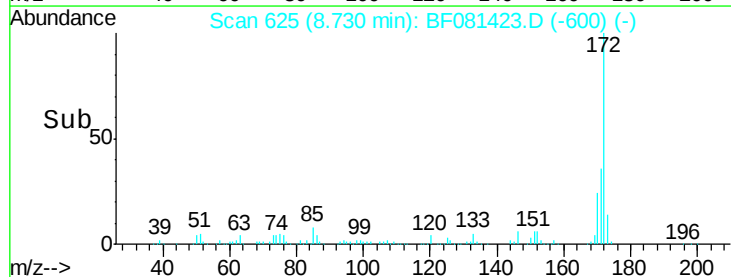
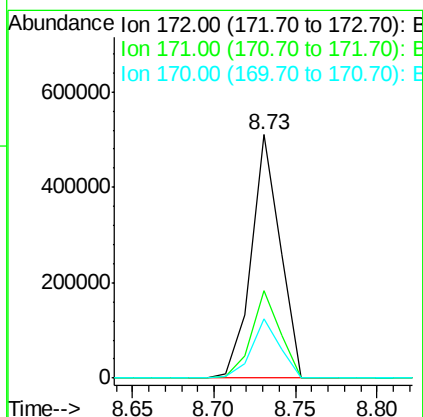
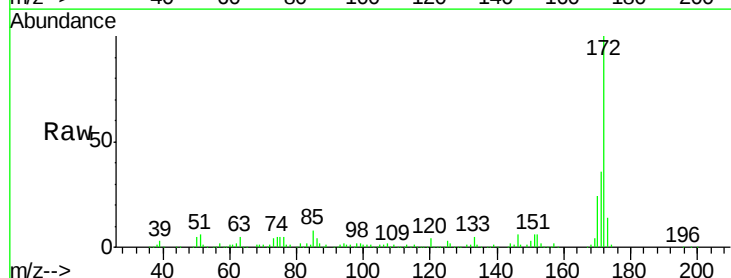
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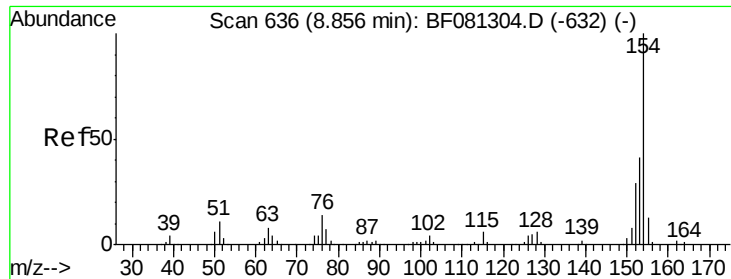
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 64.99 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:	172	Resp:	626781
Ion Ratio	Lower	Upper	
172	100		
171	36.1	26.1	39.1
170	24.3	17.4	26.2





#45

1,1'-Biphenyl

Concen: 35.89 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF081423.D

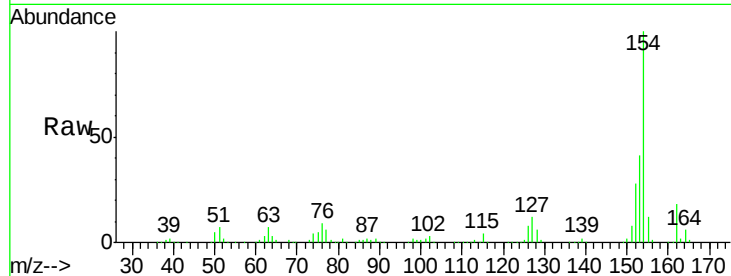
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

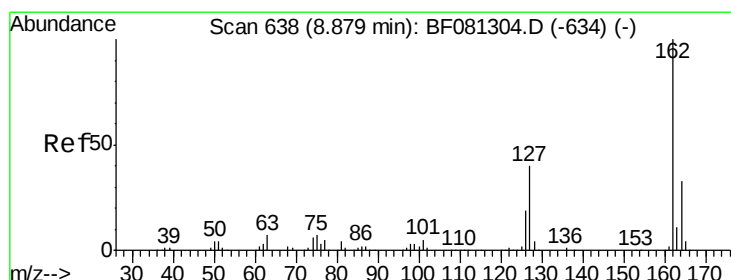
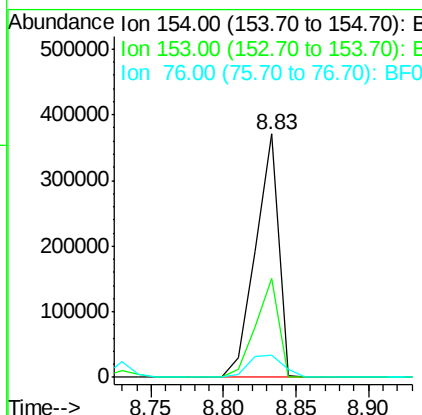
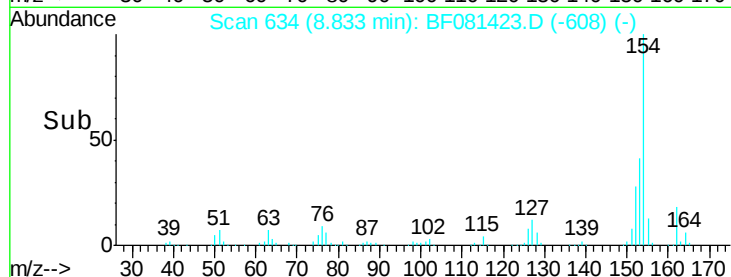
PB85417BS



Tgt Ion:	154	Resp:	408084
Ion Ratio	Lower	Upper	
154	100		
153	40.5	17.1	57.1
76	9.4	0.0	31.6

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#46

2-Chloronaphthalene

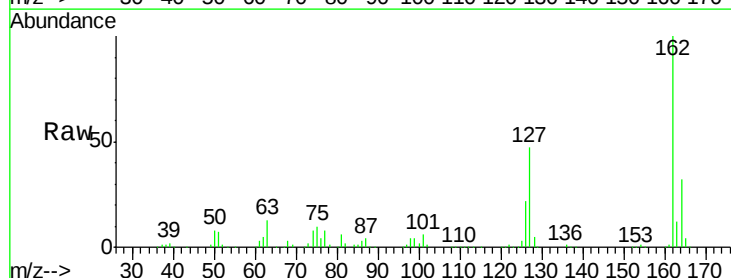
Concen: 34.45 ng

RT: 8.84 min Scan# 635

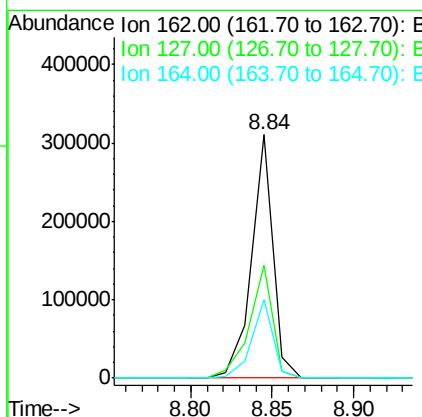
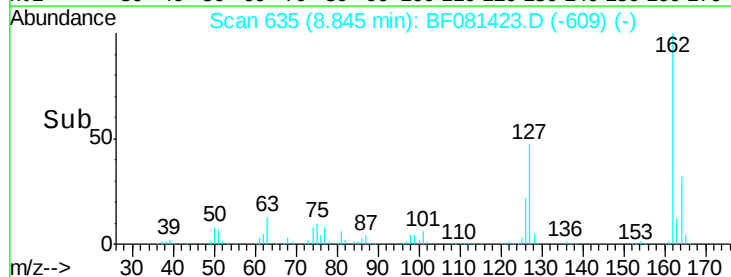
Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16



Tgt Ion:	162	Resp:	282886
Ion Ratio	Lower	Upper	
162	100		
127	46.6	27.6	41.4#
164	32.1	25.4	38.2





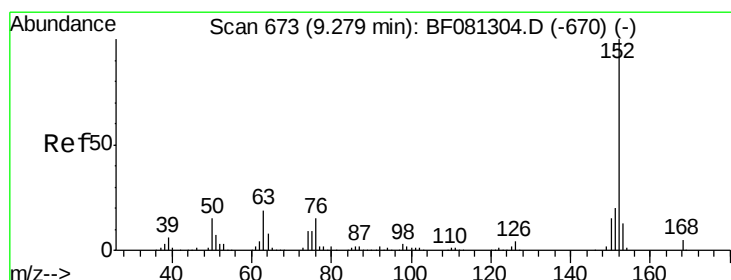
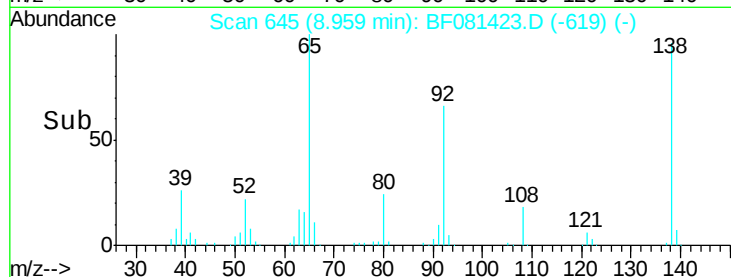
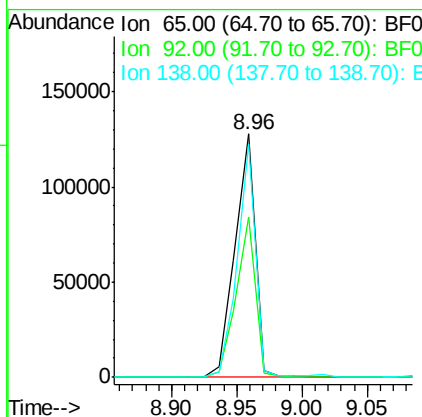
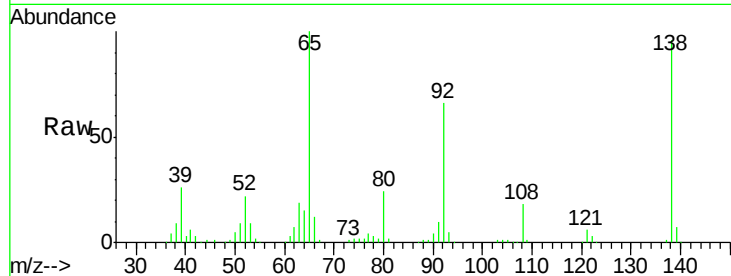
#47
2-Nitroaniline
Concen: 41.03 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion: 65 Resp: 137293
Ion Ratio Lower Upper
65 100
92 65.7 55.4 83.0
138 95.9 115.5 173.3#

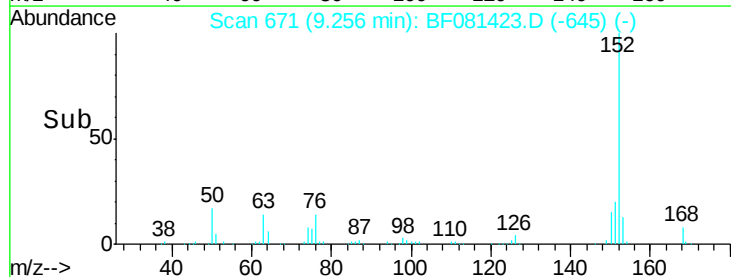
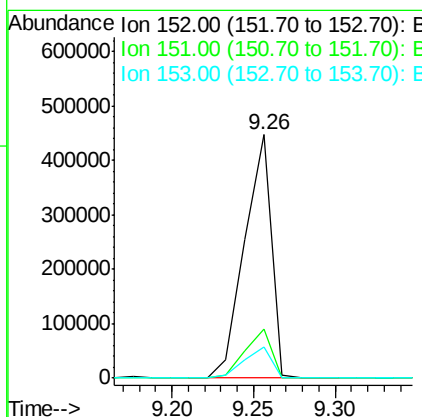
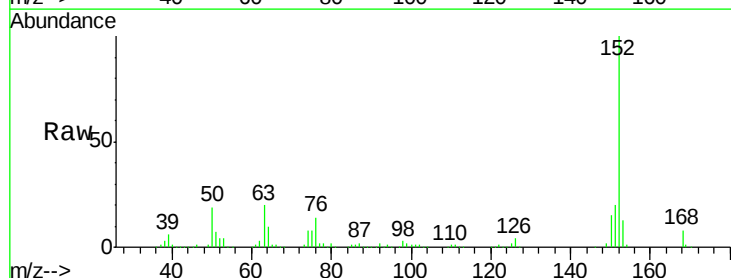
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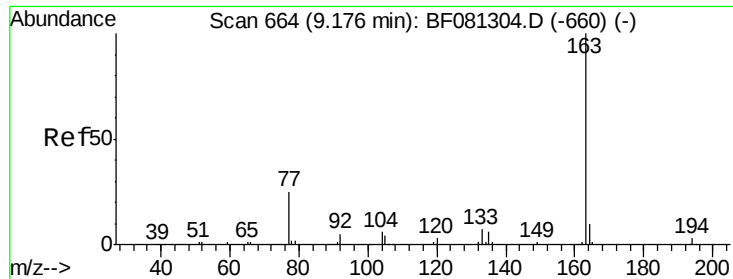
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#48
Acenaphthylene
Concen: 34.96 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion: 152 Resp: 509307
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 12.8 10.3 15.5





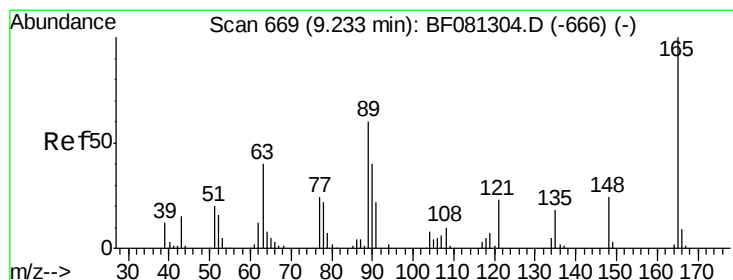
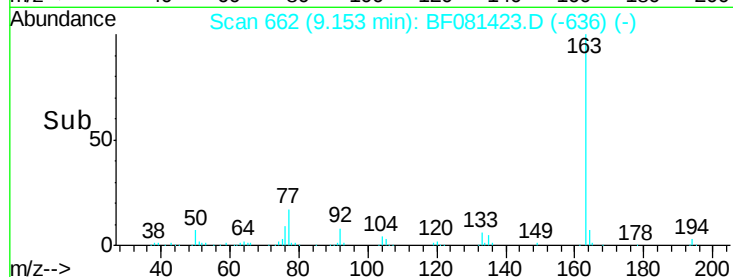
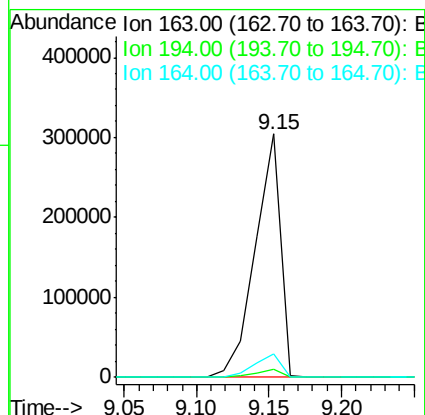
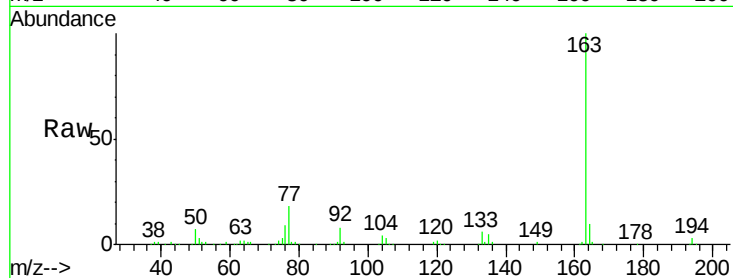
#49
Dimethylphthalate
Concen: 38.51 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	4.4	6.6#
164	9.8	8.3	12.5

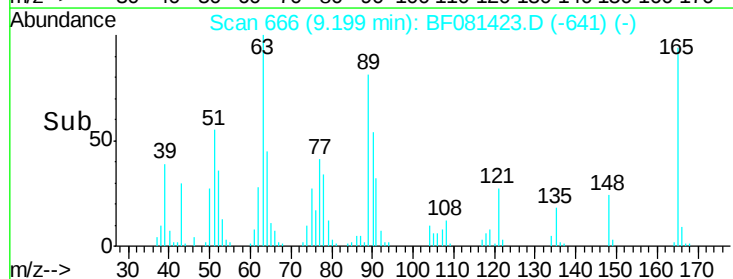
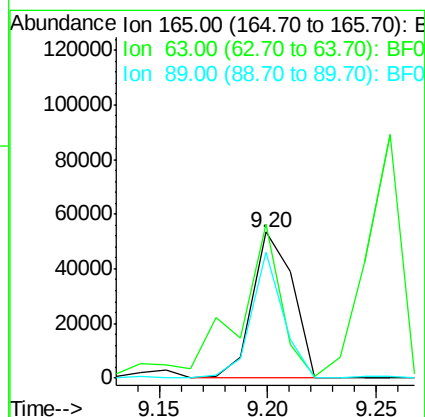
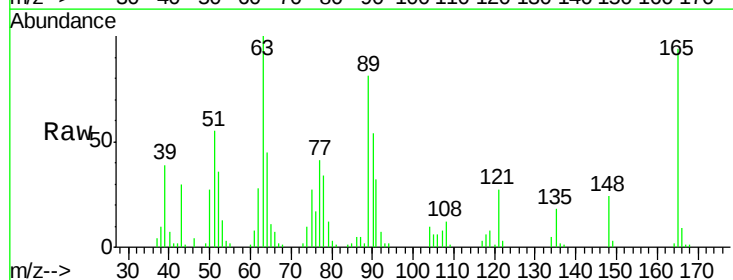
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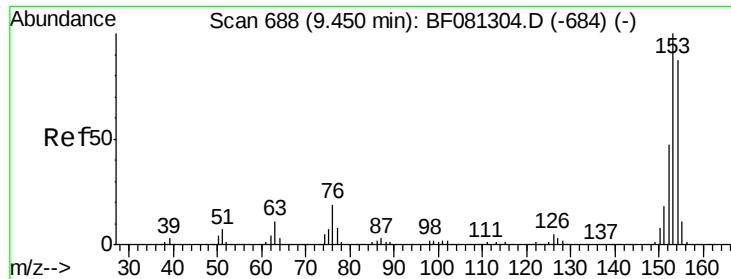
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#50
2,6-Dinitrotoluene
Concen: 31.71 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	106.1	32.3	48.5#
89	86.4	28.6	43.0#





#51

Acenaphthene

Concen: 36.82 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF081423.D

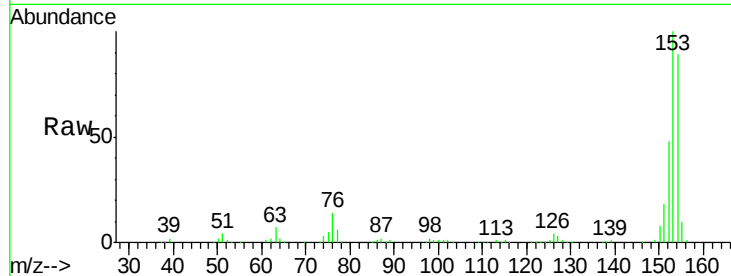
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

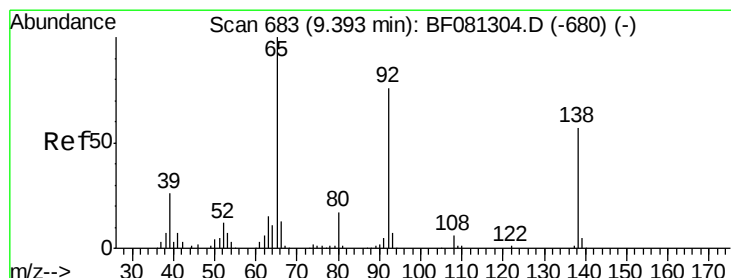
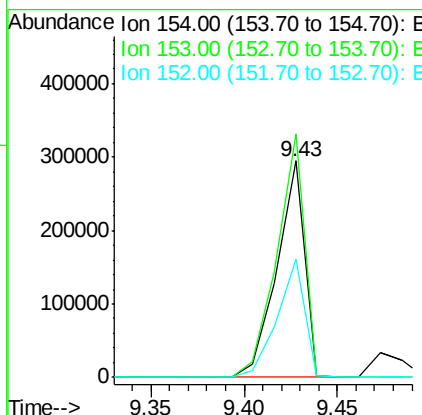
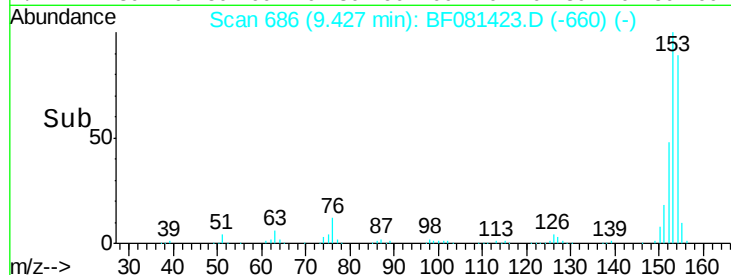
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	82.1	123.1
152	54.4	37.9	56.9

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#52

3-Nitroaniline

Concen: 24.06 ng

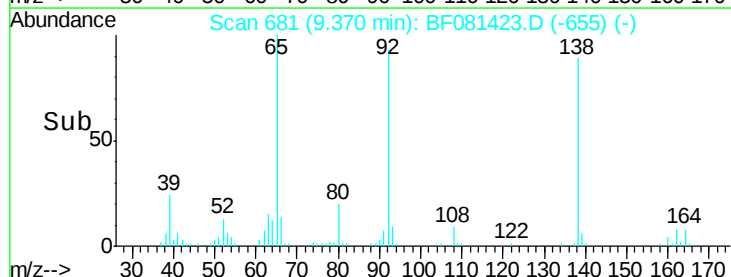
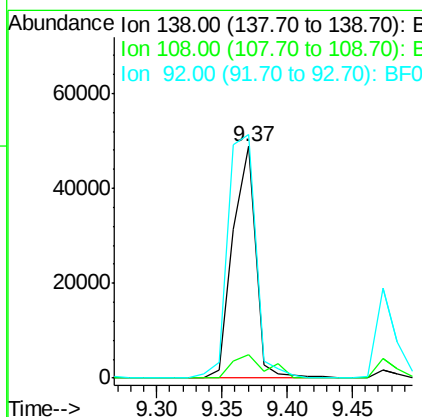
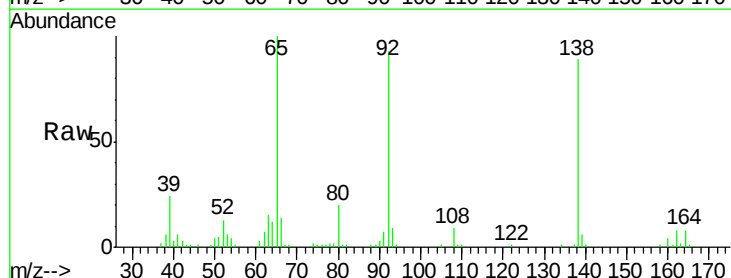
RT: 9.37 min Scan# 681

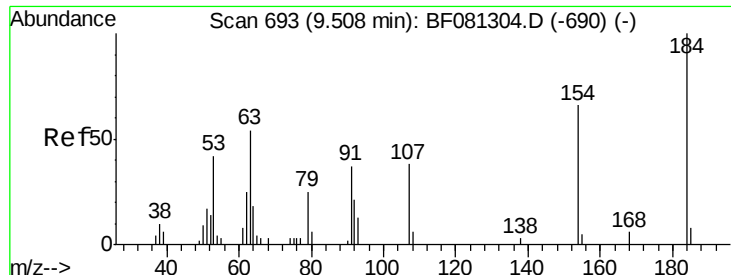
Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	5.7	8.5#
92	105.0	67.7	101.5#





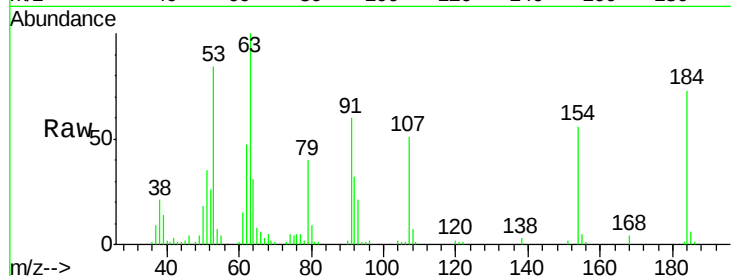
#53
2,4-Dinitrophenol
Concen: 68.77 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

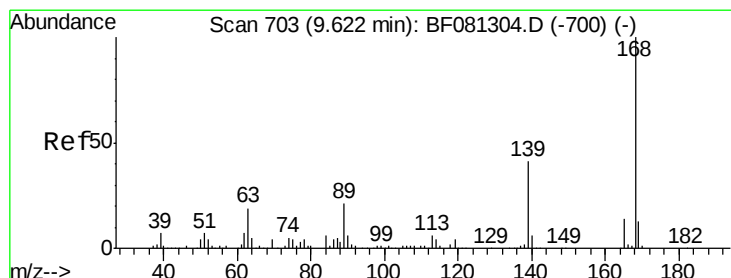
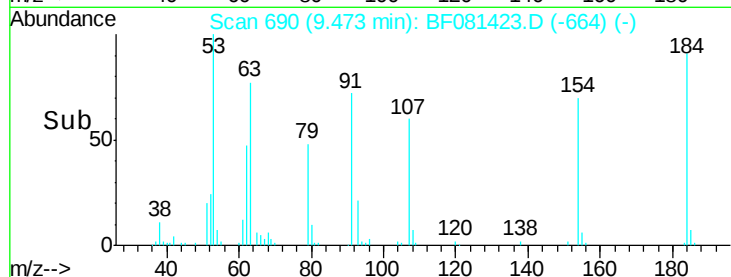
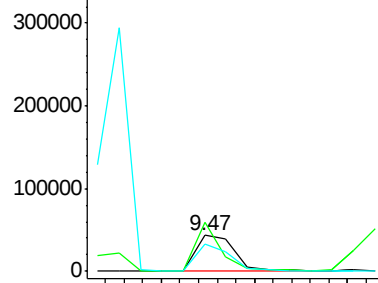
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	63125		
63	136.4	35.4	53.2#	
154	76.9	32.2	48.4#	

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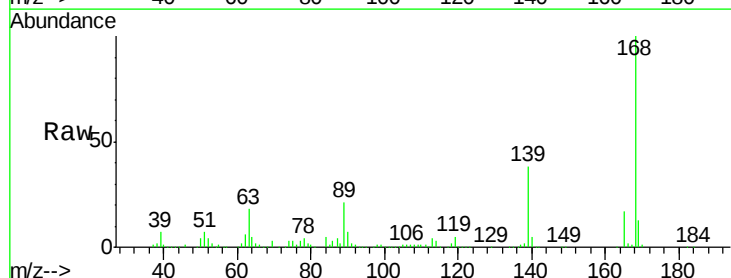


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

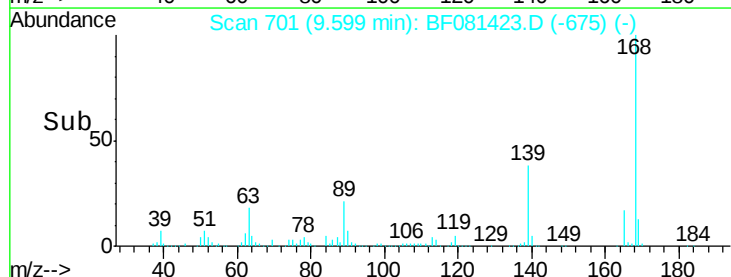
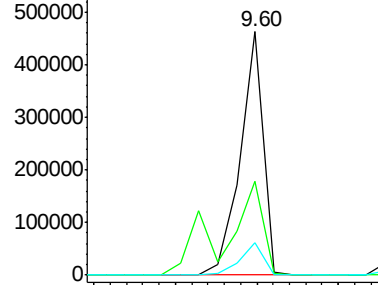


#54
Dibenzofuran
Concen: 37.54 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	454241		
139	38.5	24.2	36.2#	
169	13.1	10.6	15.8	



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





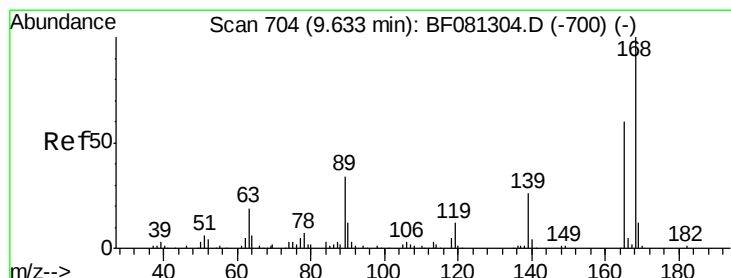
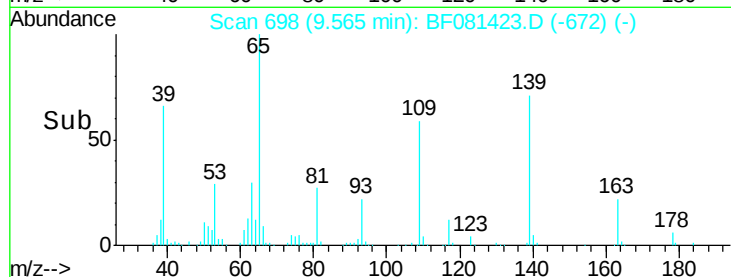
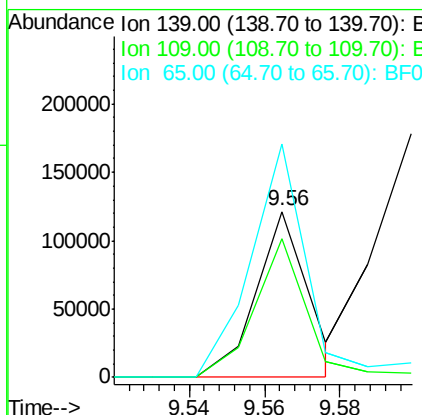
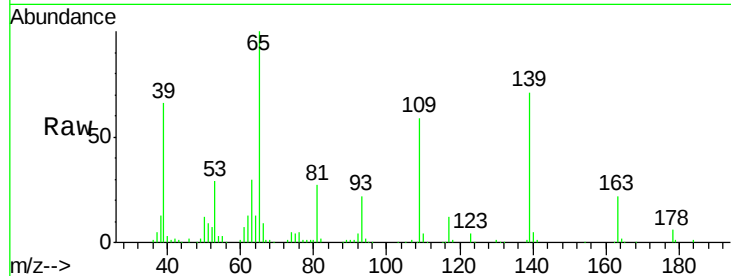
#55
4-Nitrophenol
Concen: 74.51 ng m
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116141		
109	83.6	12.7	52.7#	
65	140.6	45.9	85.9#	

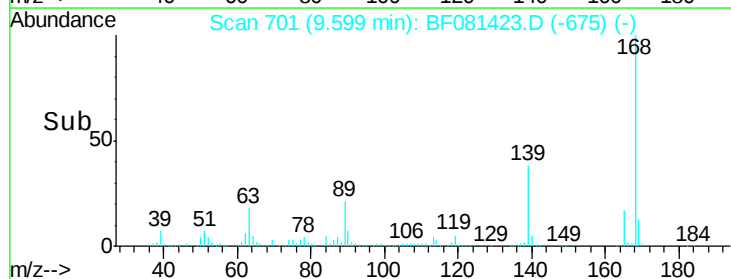
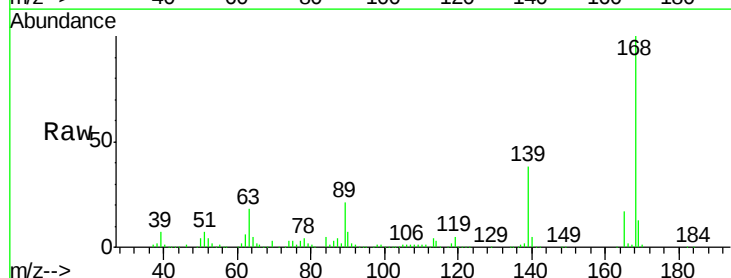
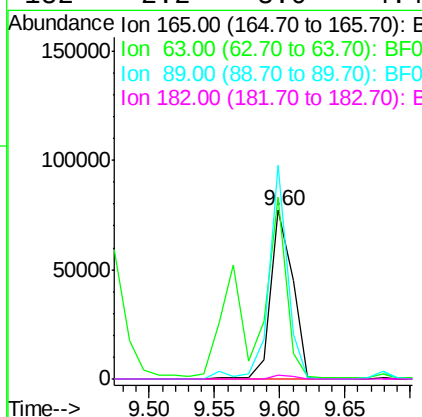
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#56
2,4-Dinitrotoluene
Concen: 33.06 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91729		
63	107.5	29.8	44.6#	
89	126.6	44.5	66.7#	
182	2.2	3.0	4.4#	





#57

Fluorene

Concen: 34.25 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF081423.D

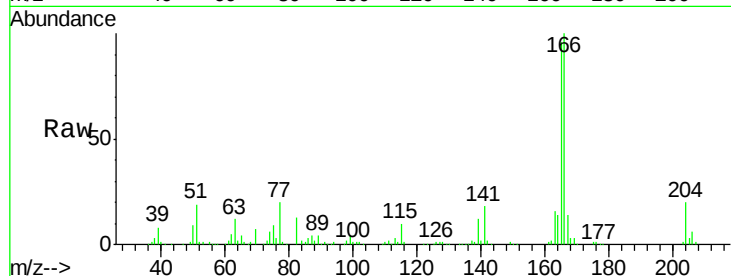
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS



Tgt Ion:166 Resp: 314483

Ion Ratio Lower Upper

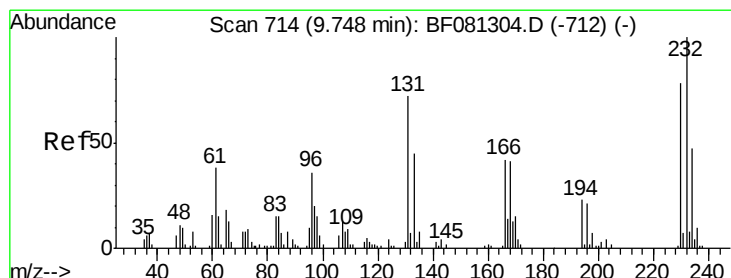
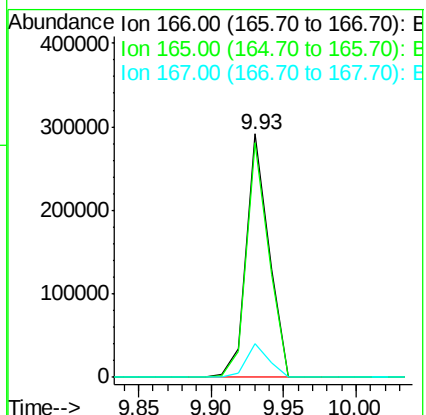
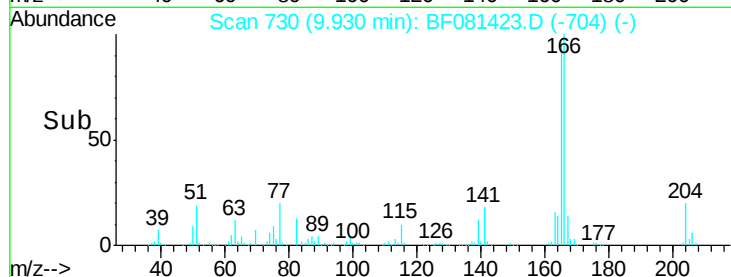
166 100

165 96.3 72.6 109.0

167 13.8 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.09 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:232 Resp: 82136

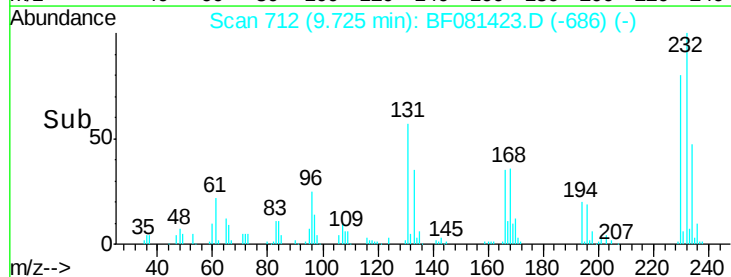
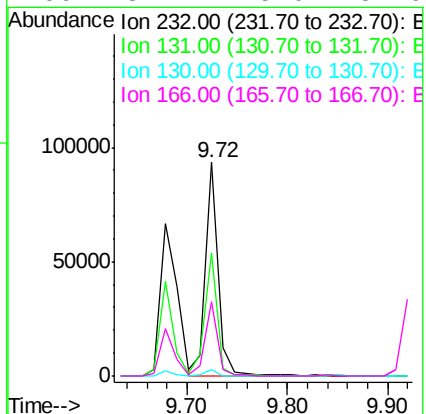
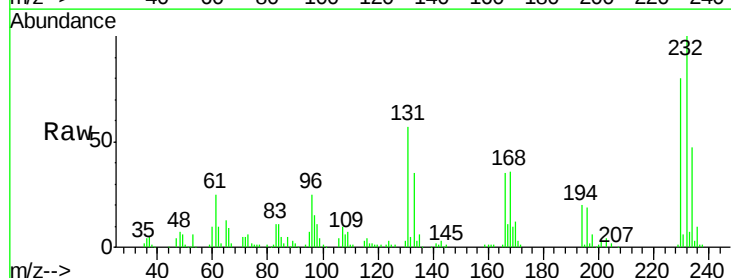
Ion Ratio Lower Upper

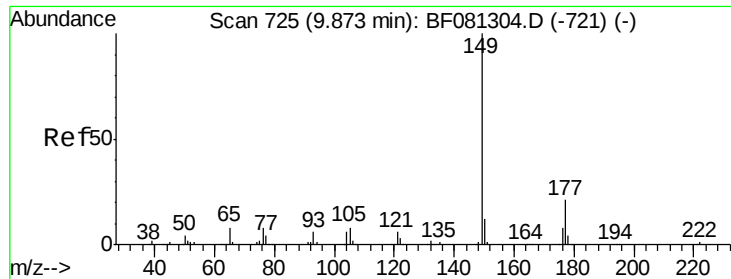
232 100

131 57.1 38.5 57.7

130 2.5 1.8 2.6

166 34.4 25.0 37.6





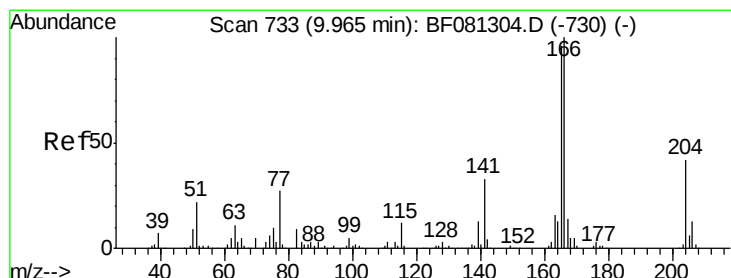
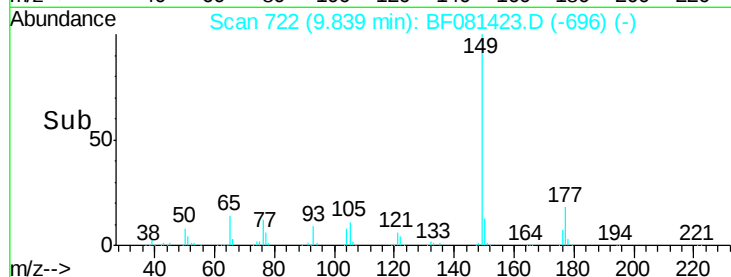
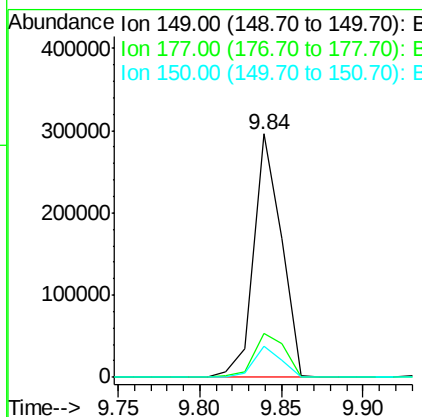
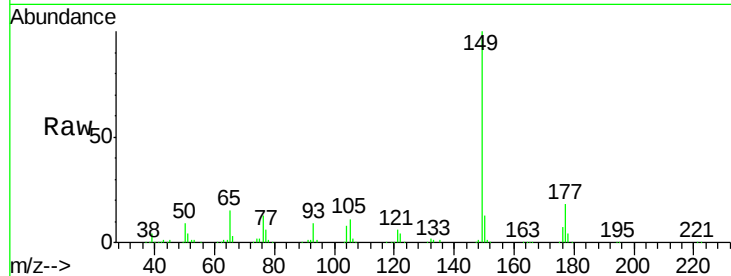
#59
Diethylphthalate
Concen: 34.52 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	348679		
177	18.2	17.5	26.3	
150	12.6	9.4	14.2	

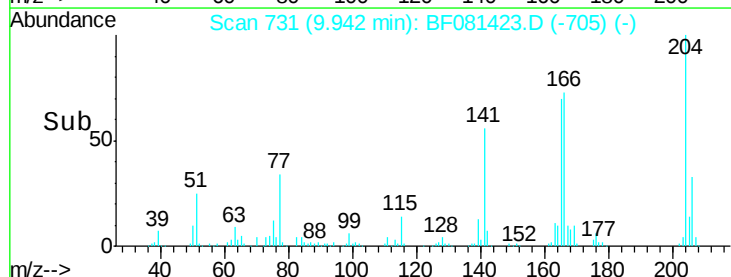
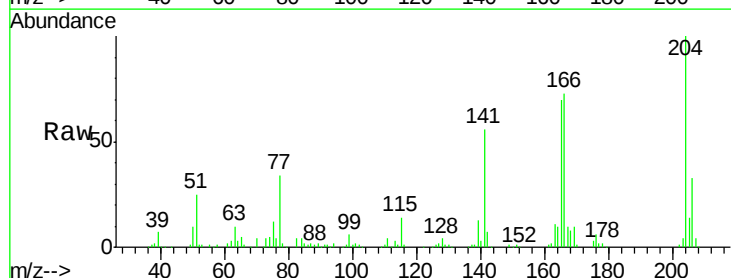
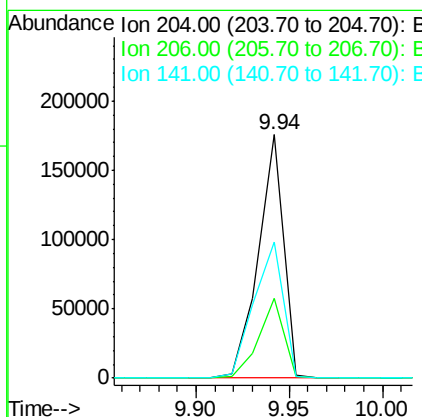
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#60
4-Chlorophenyl-phenylether
Concen: 38.36 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	164176		
206	33.0	24.8	37.2	
141	56.1	42.2	63.4	





#61

4-Nitroaniline

Concen: 31.15 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

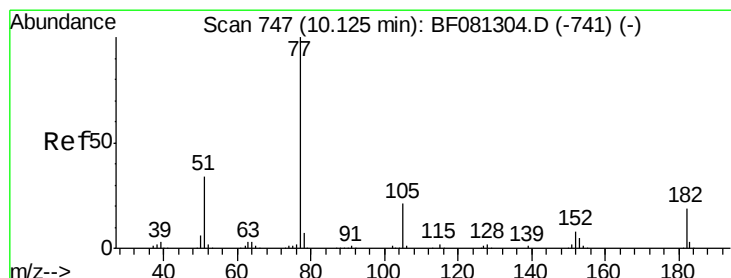
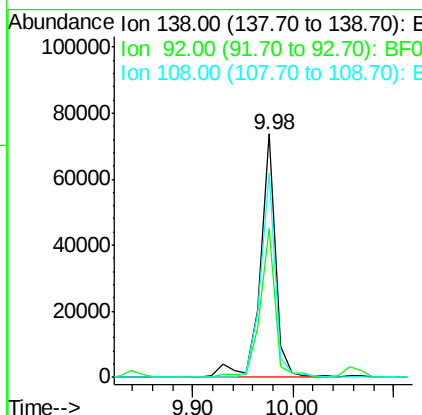
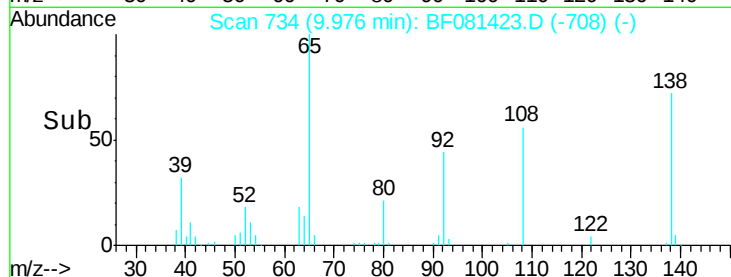
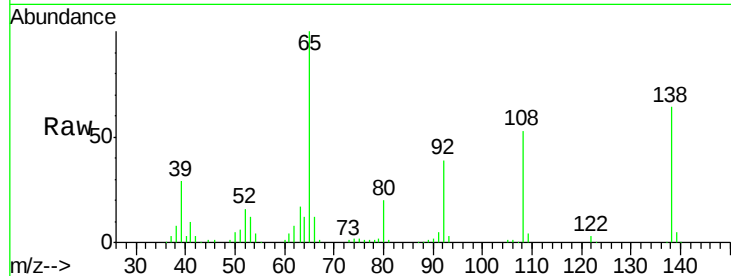
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Tgt Ion:	138	Resp:	78069
Ion Ratio	Lower	Upper	
138	100		
92	61.0	12.6	52.6#
108	83.7	12.4	52.4#



#62

Azobenzene

Concen: 38.18 ng

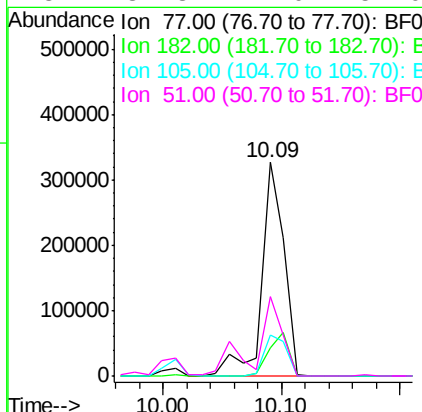
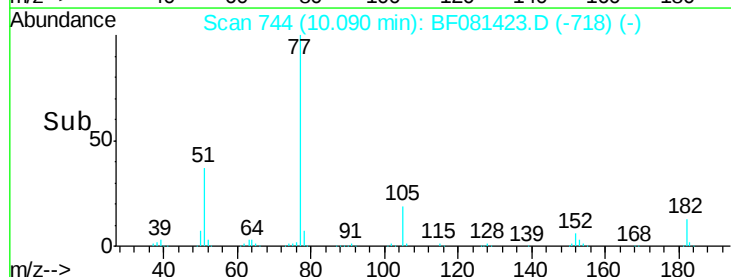
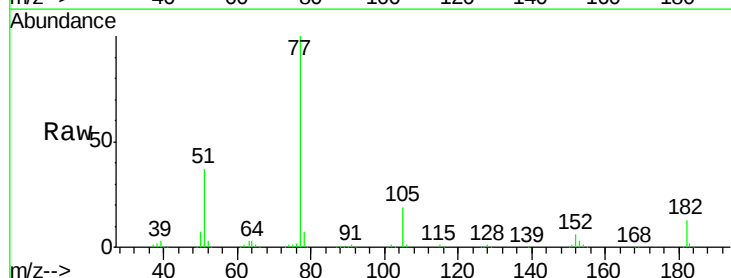
RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:	77	Resp:	428691
Ion Ratio	Lower	Upper	
77	100		
182	13.2	15.1	55.1#
105	19.1	3.4	43.4
51	37.3	12.0	52.0





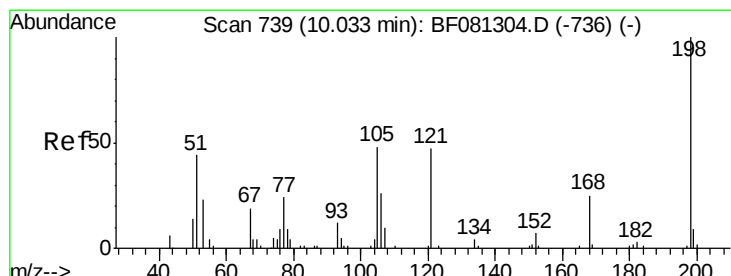
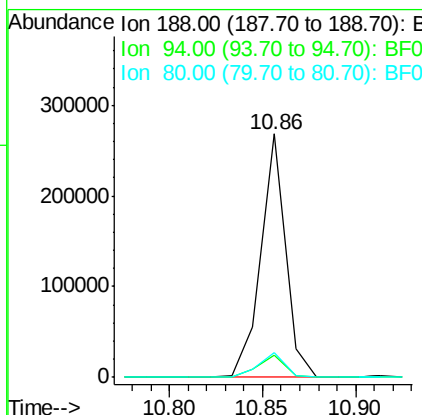
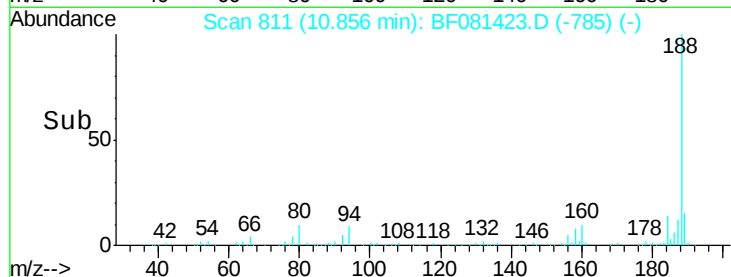
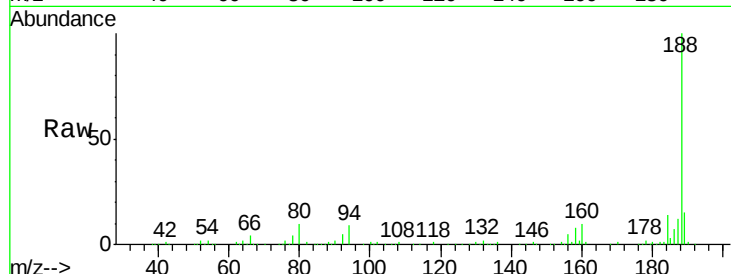
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	11.1	16.7#
80	10.0	11.0	16.4#

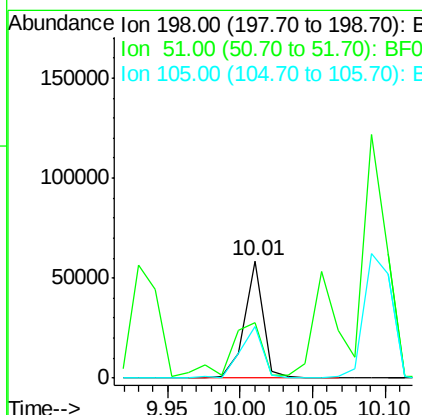
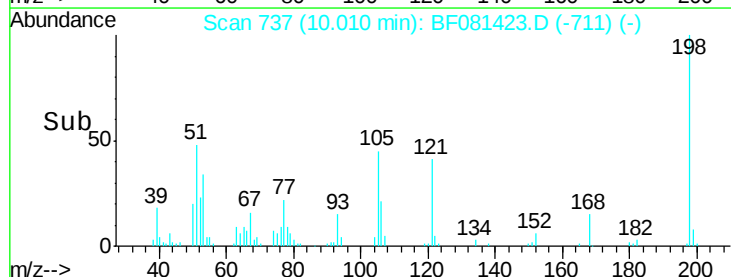
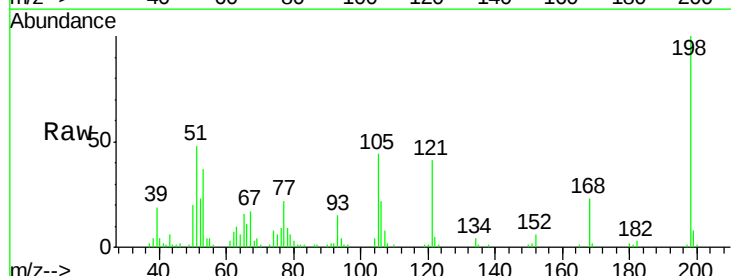
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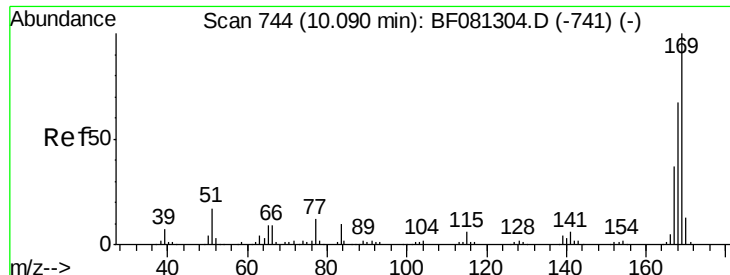
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.99 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.7	39.6	79.6
105	44.0	28.5	68.5





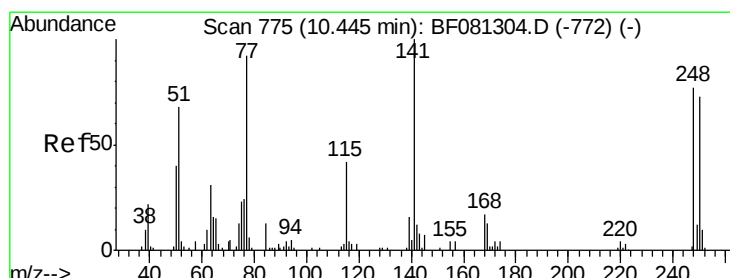
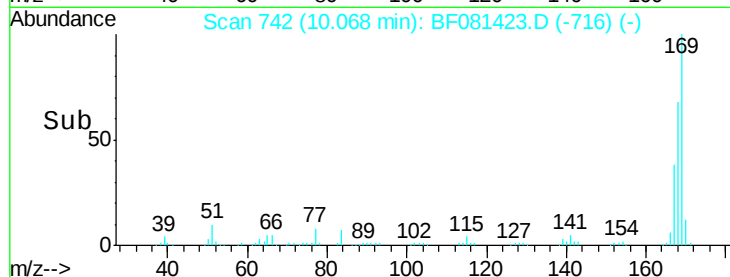
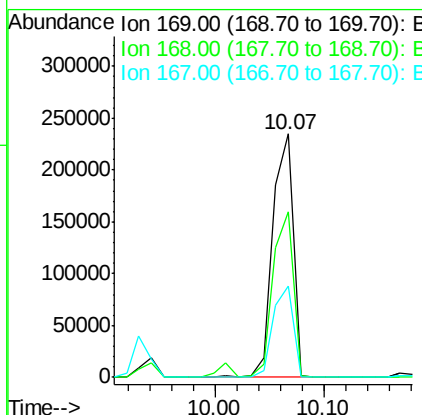
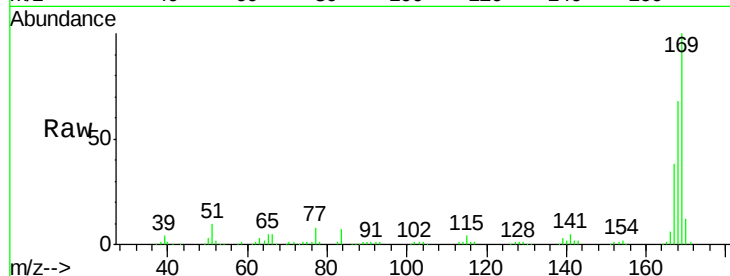
#65
 n-Nitrosodiphenylamine
 Concen: 34.08 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	305247		
168	67.9	48.9	73.3	
167	37.6	26.2	39.4	

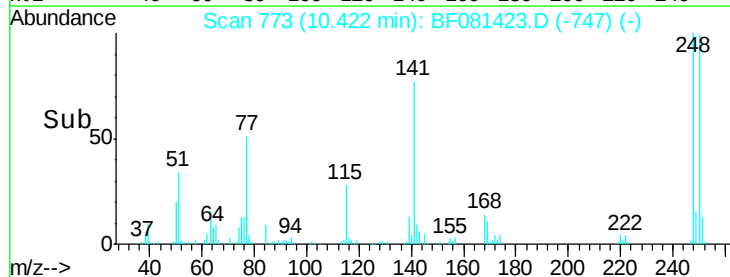
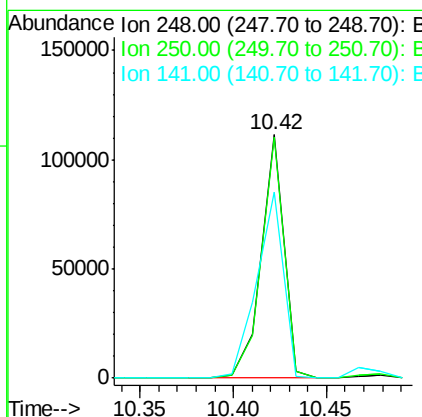
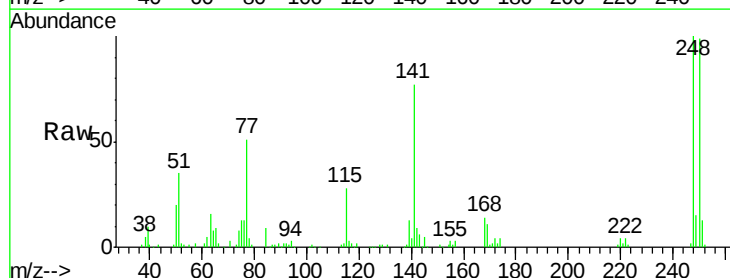
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#66
 4-Bromophenyl-phenylether
 Concen: 37.44 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93187		
250	98.9	78.5	117.7	
141	76.6	59.0	88.6	





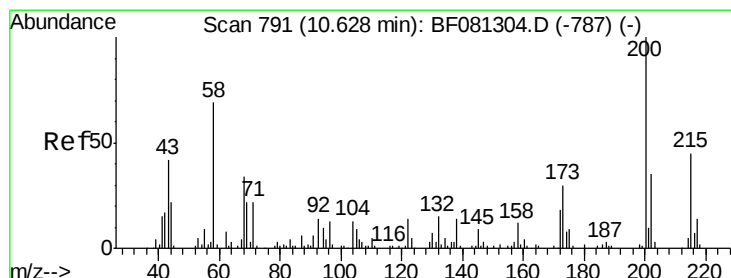
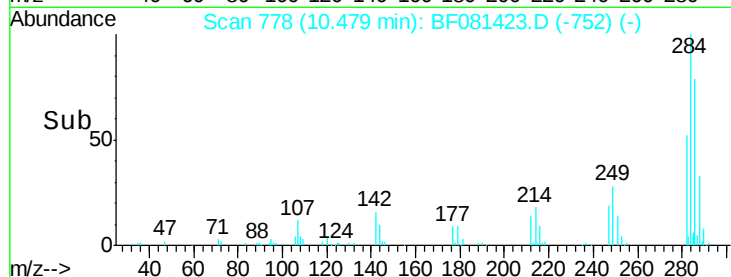
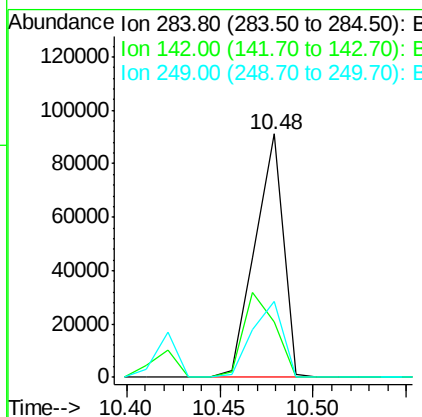
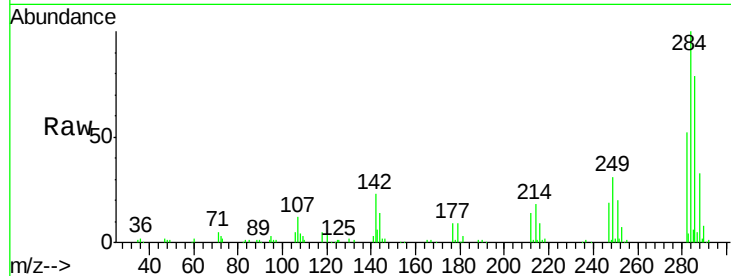
#67
Hexachlorobenzene
Concen: 36.79 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	95722		
142	22.8	29.5	44.3#	
249	31.1	19.5	29.3#	

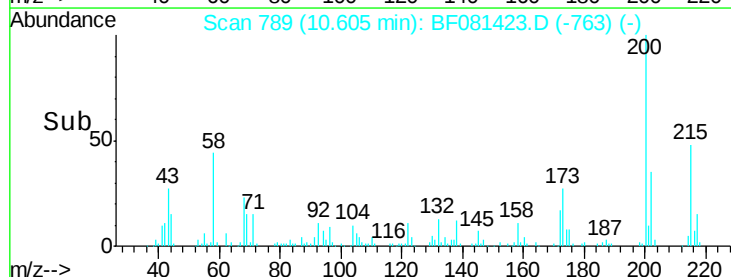
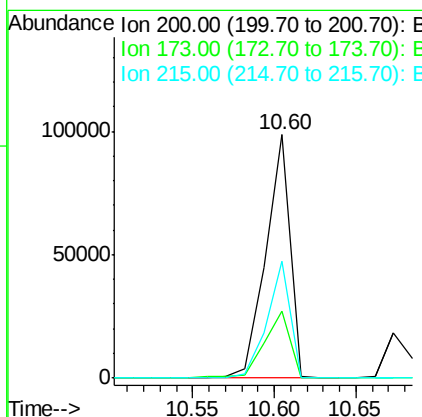
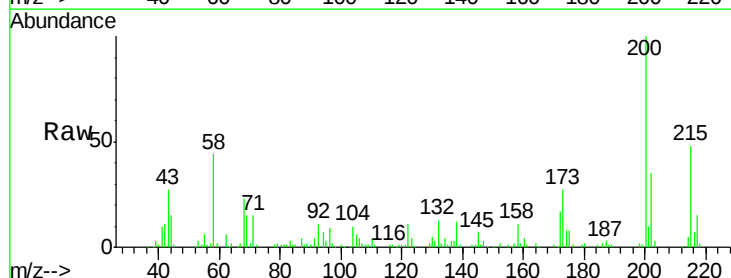
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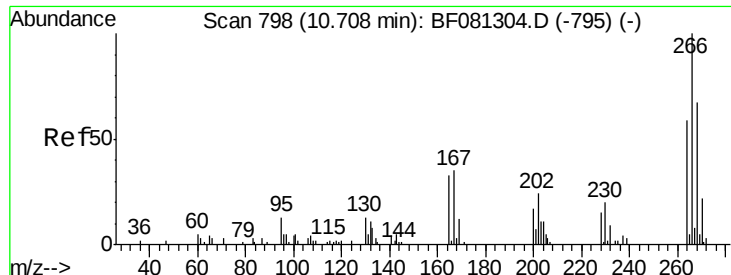
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#68
Atrazine
Concen: 39.33 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	101942		
173	27.3	13.2	53.2	
215	48.1	41.8	81.8	





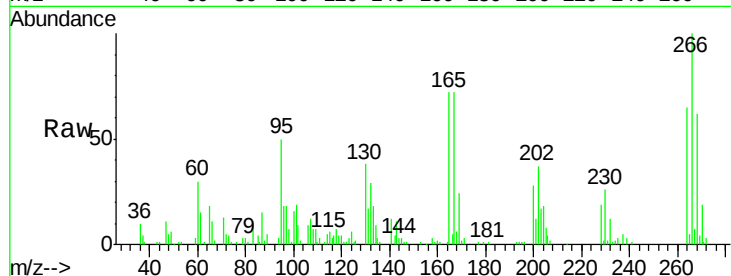
#69
 Pentachlorophenol
 Concen: 69.69 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

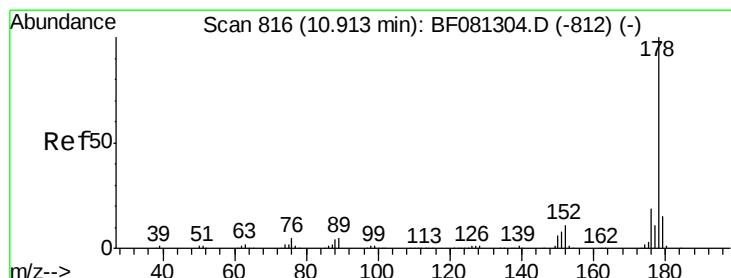
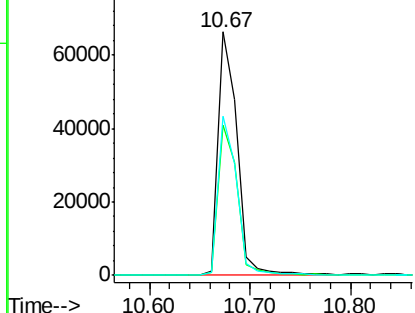
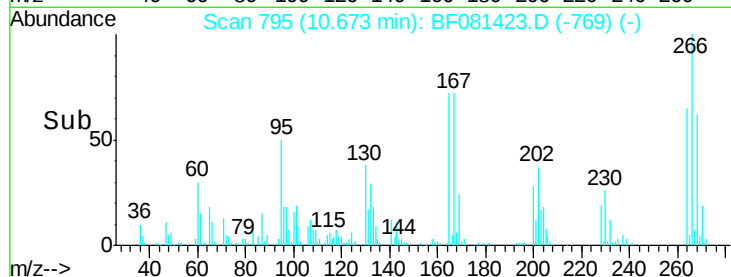
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86684		
268	61.8	49.8	74.6	
264	65.5	50.2	75.2	

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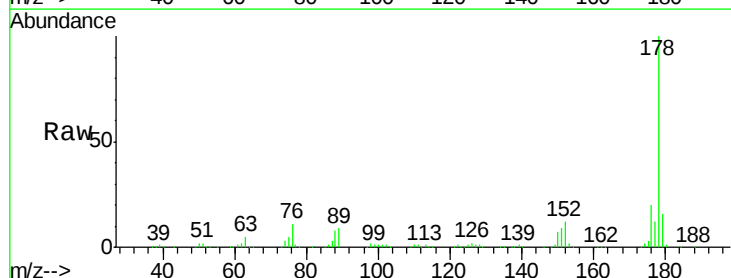


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

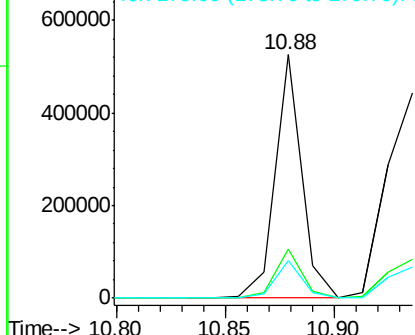
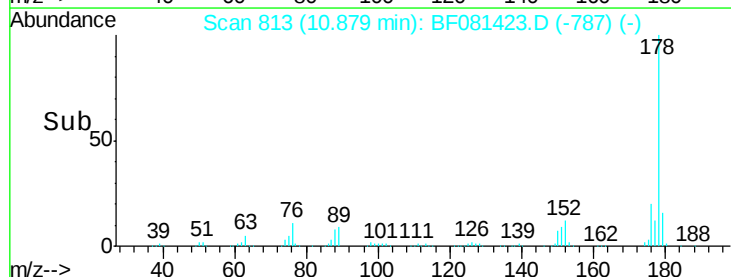


#70
 Phenanthrene
 Concen: 33.05 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	452208		
176	20.1	13.8	20.8	
179	15.6	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





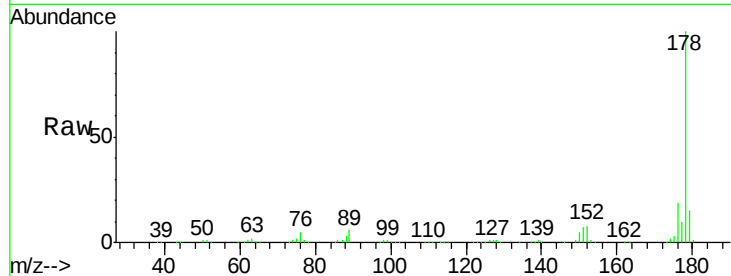
#71
 Anthracene
 Concen: 36.64 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

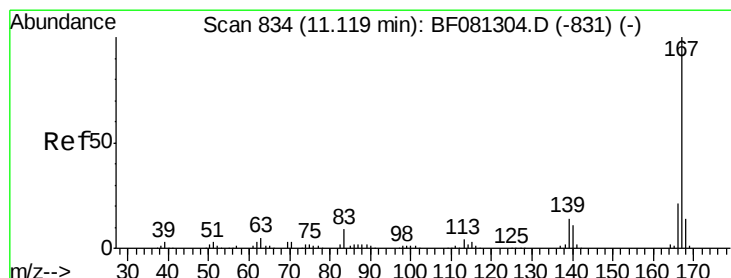
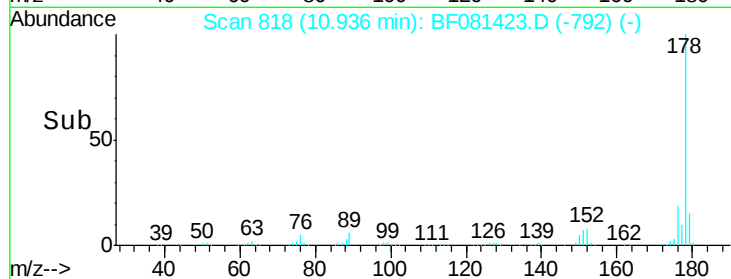
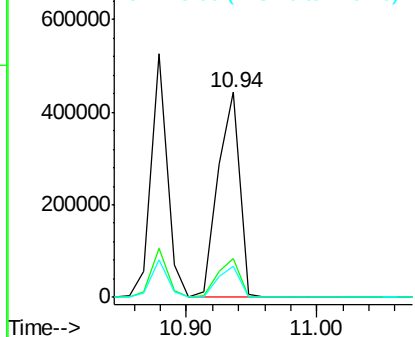
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	515145		
176	18.7		14.1	21.1
179	15.3		12.2	18.2

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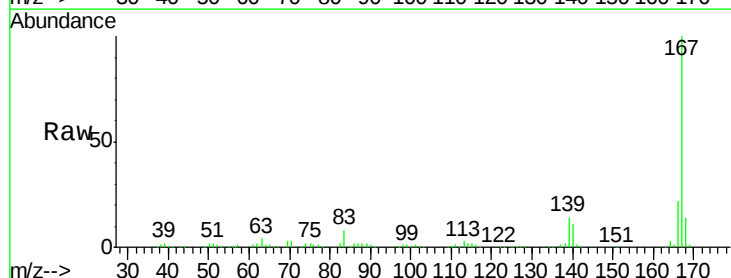


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

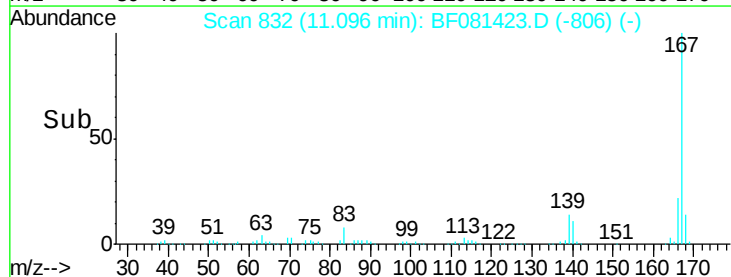
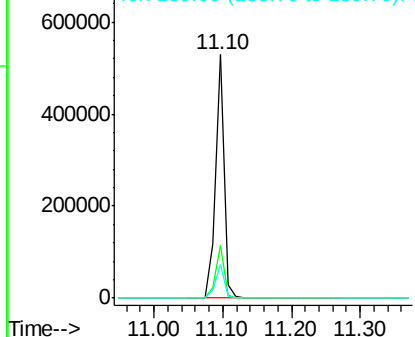


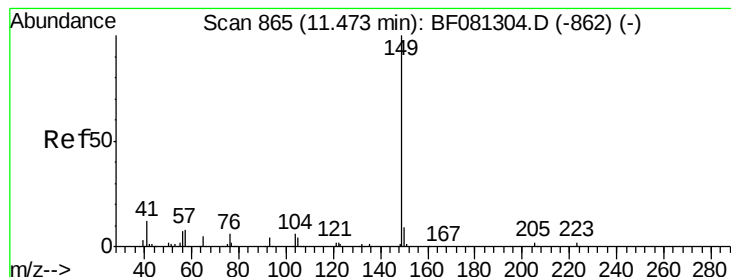
#72
 Carbazole
 Concen: 35.73 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	471305		
166	21.6		15.7	23.5
139	13.9		9.5	14.3



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: 38.44 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

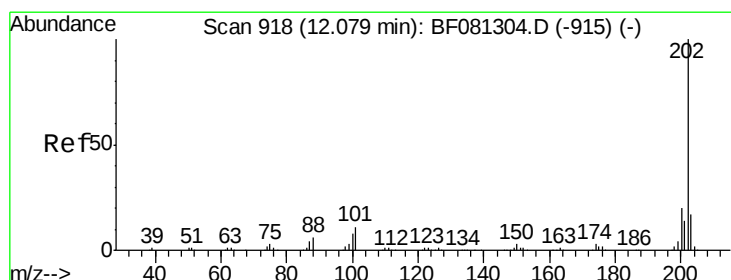
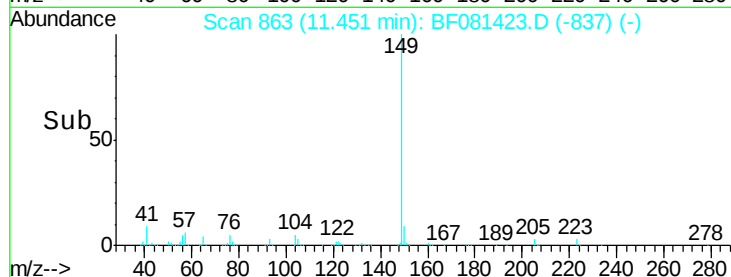
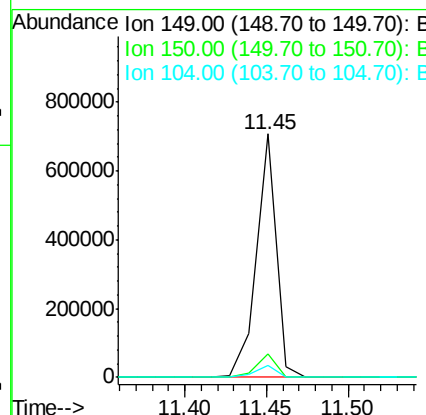
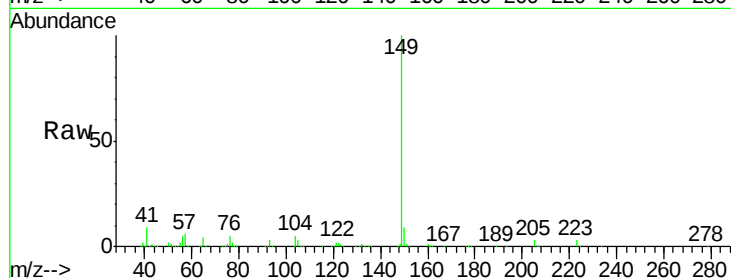
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	598844		
150	9.5	7.4	11.2	
104	5.1	2.4	3.6	



#74

Fluoranthene

Concen: 35.29 ng

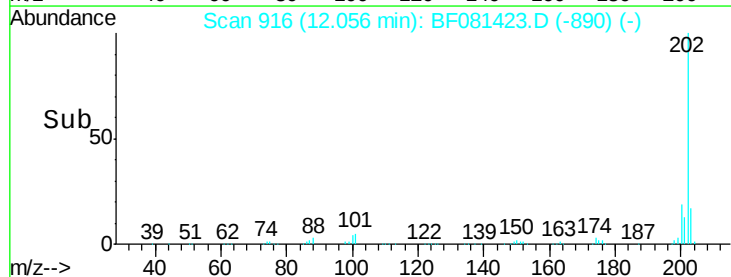
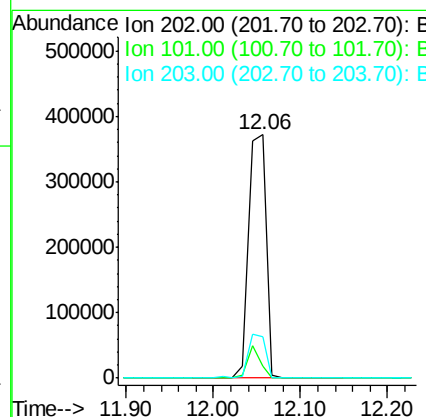
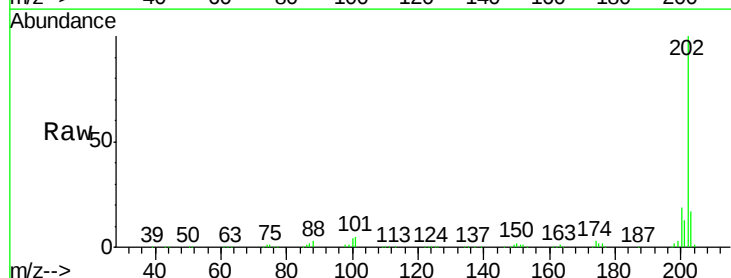
RT: 12.06 min Scan# 916

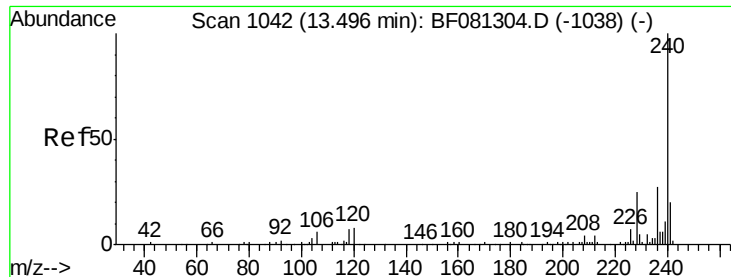
Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	522750		
101	5.1	0.0	38.3	
203	17.0	0.0	37.3	





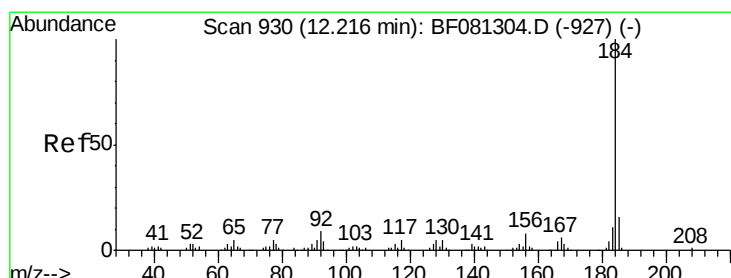
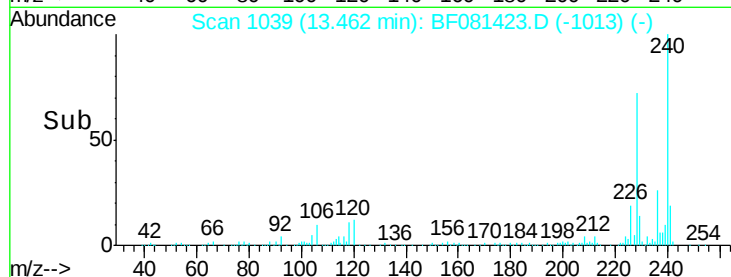
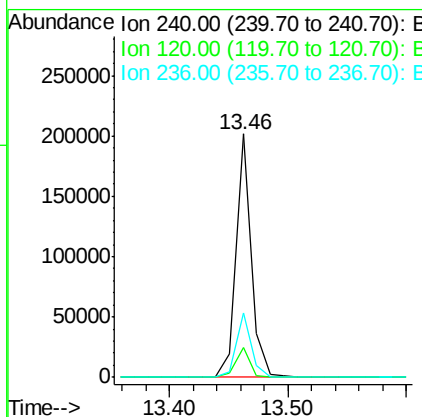
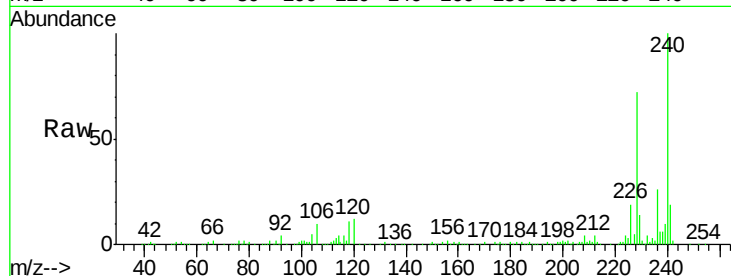
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179612		
120	12.2	16.2	24.2#	
236	26.2	18.4	27.6	

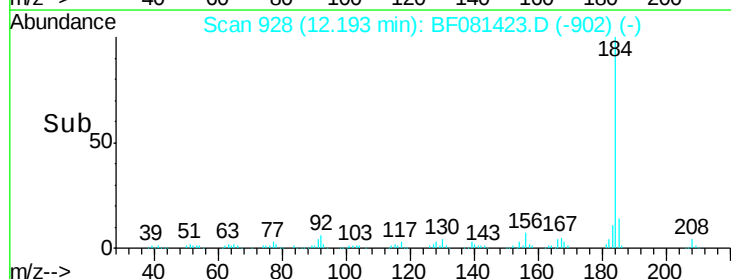
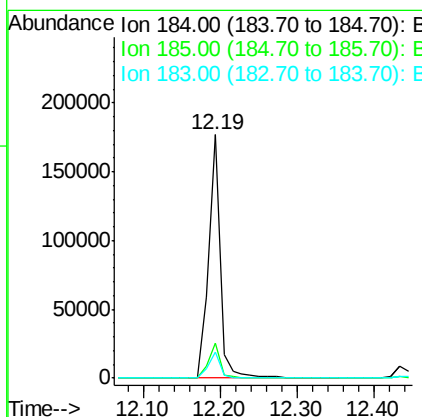
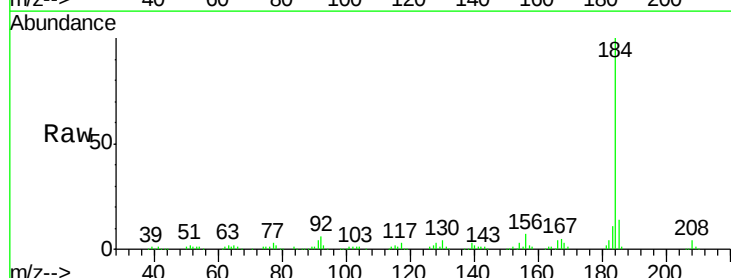
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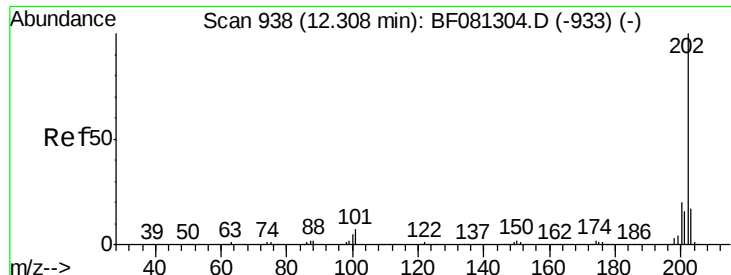
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#76
Benzidine
Concen: 23.91 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184371		
185	14.4	11.8	17.6	
183	10.9	7.6	11.4	





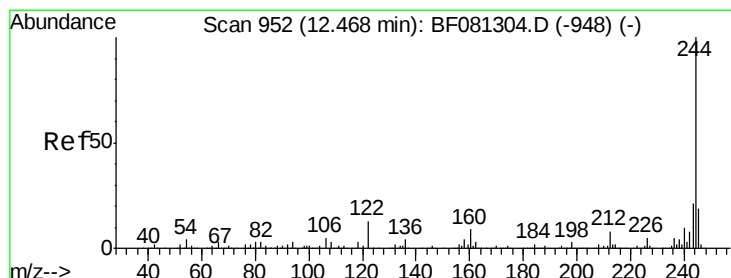
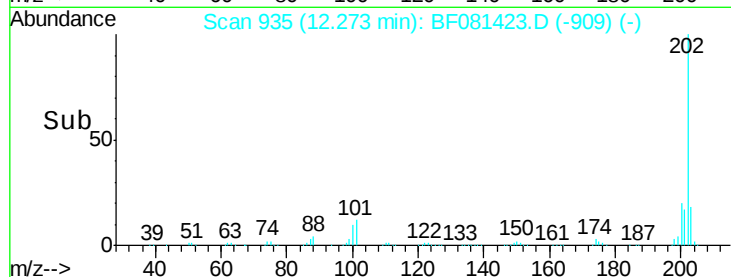
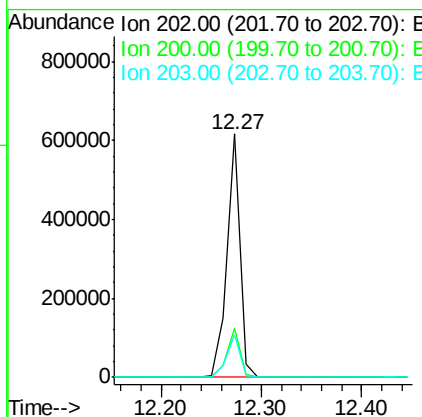
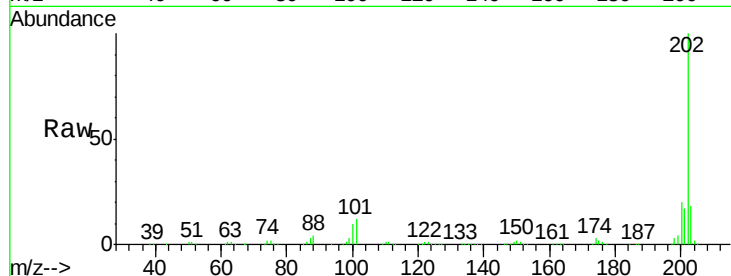
#77
 Pyrene
 Concen: 41.59 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.6	14.1	21.1

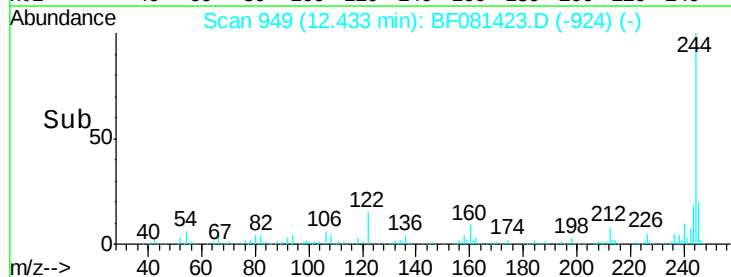
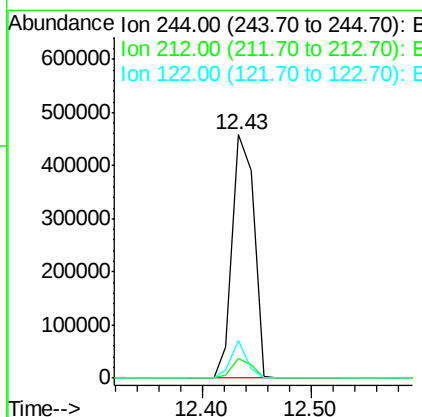
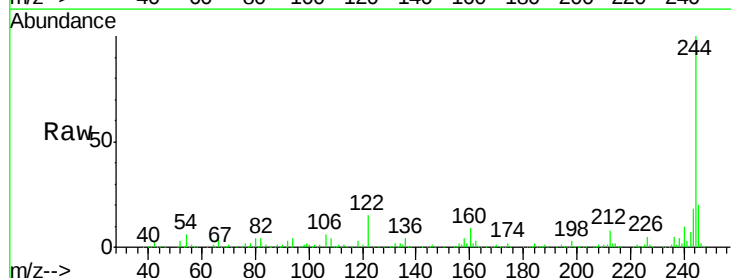
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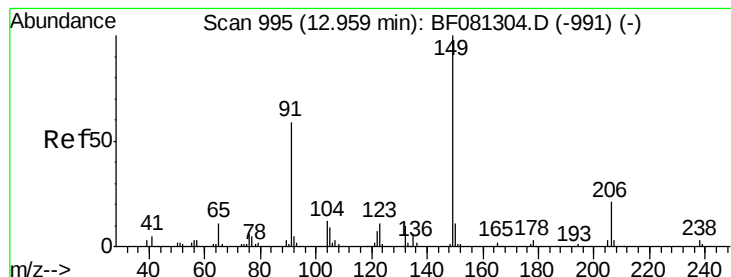
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#78
 Terphenyl-d14
 Concen: 81.31 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	15.5	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 43.18 ng

RT: 12.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF081423.D

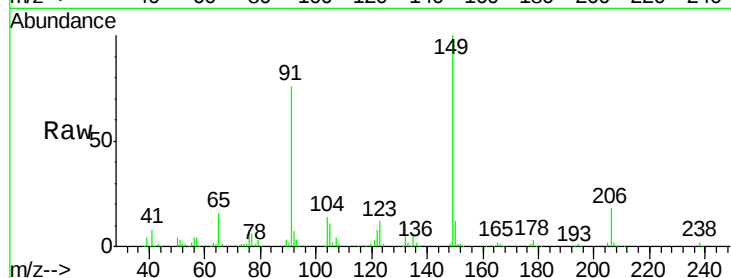
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS



Tgt Ion:149 Resp: 249835

Ion Ratio Lower Upper

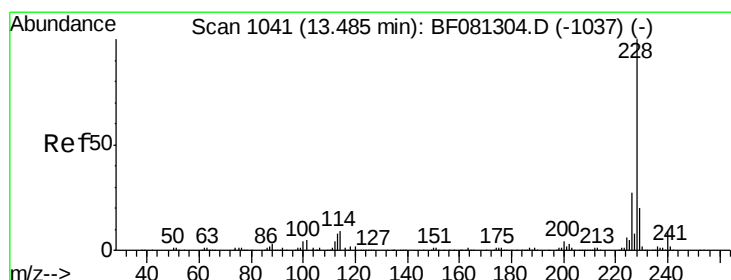
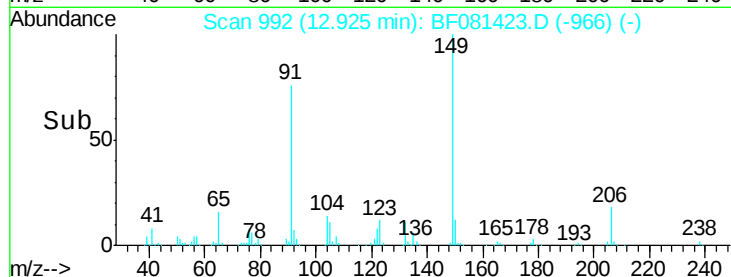
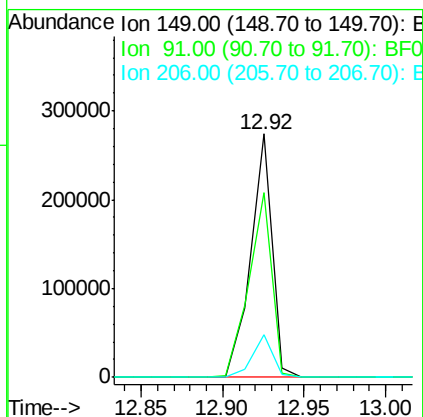
149 100

91 76.0 48.6 72.8#

206 17.7 14.9 22.3

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#80

Benzo(a)anthracene

Concen: 36.96 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

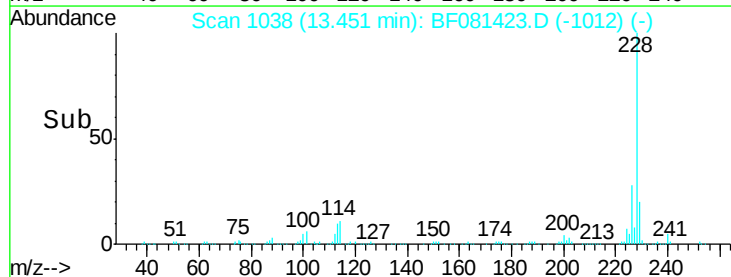
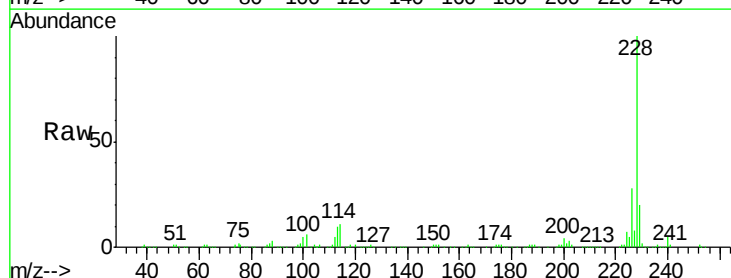
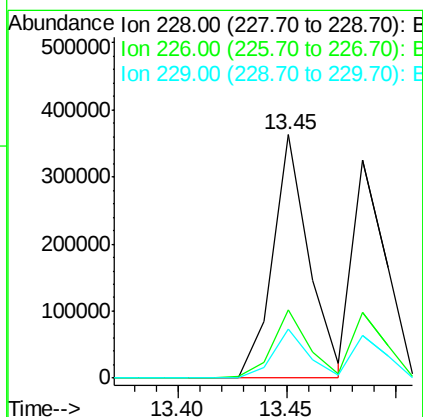
Tgt Ion:228 Resp: 422787

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

229 19.9 15.4 23.2





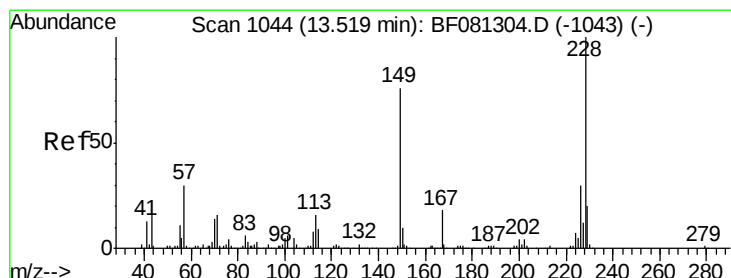
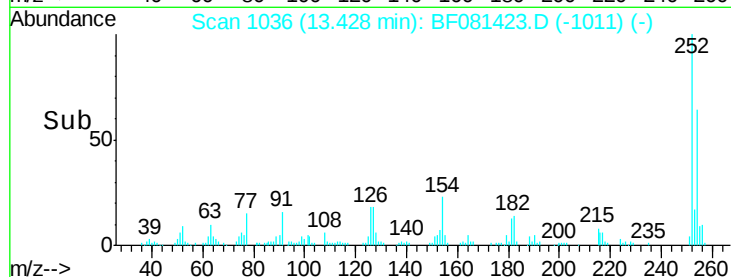
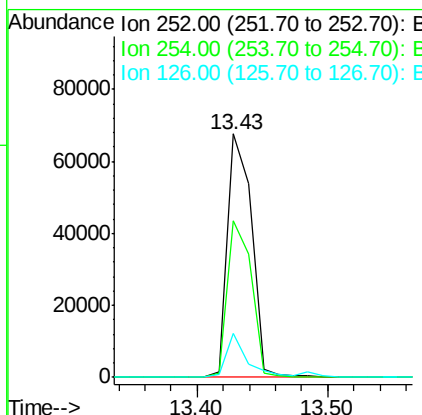
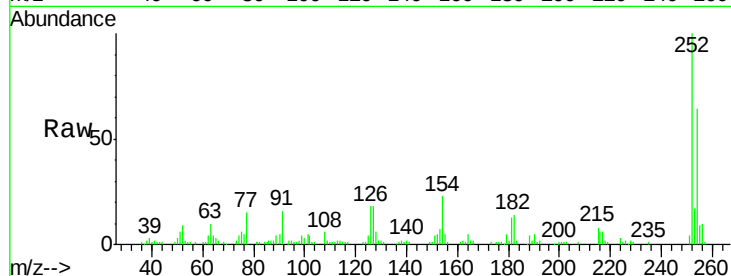
#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	18.1	16.4	24.6

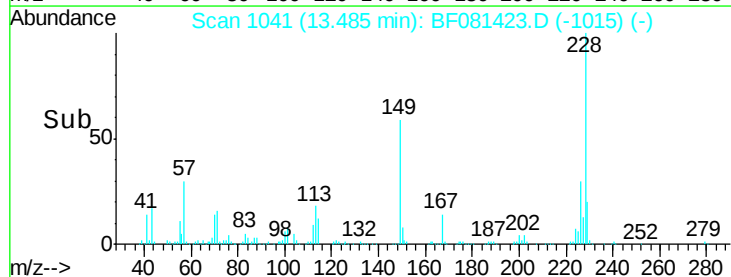
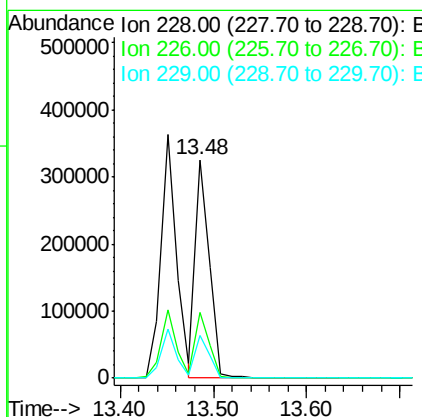
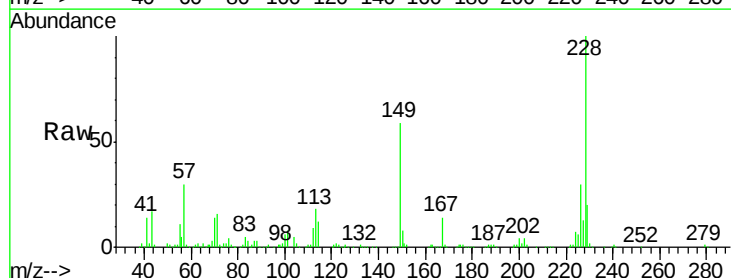
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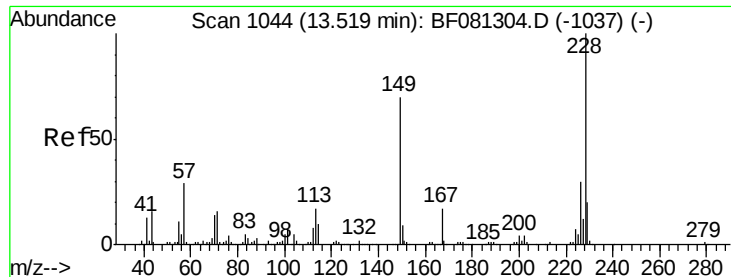
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#82
 Chrysene
 Concen: 33.92 ng
 RT: 13.48 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.0	31.4
229	19.6	15.6	23.4





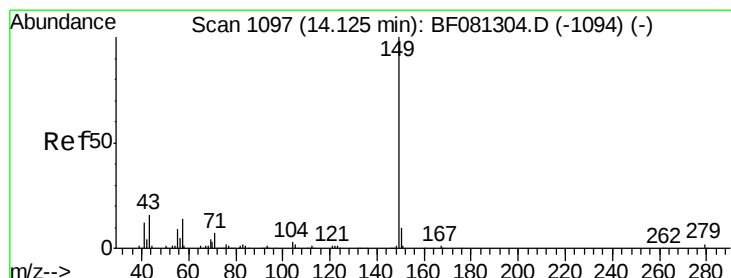
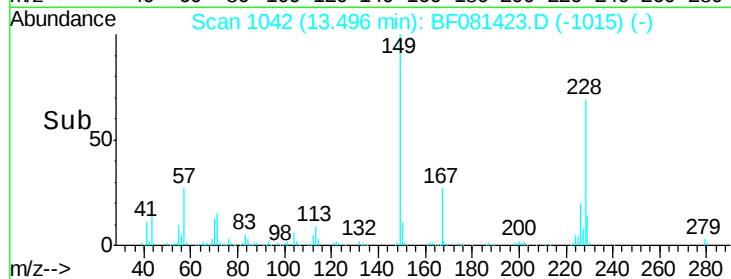
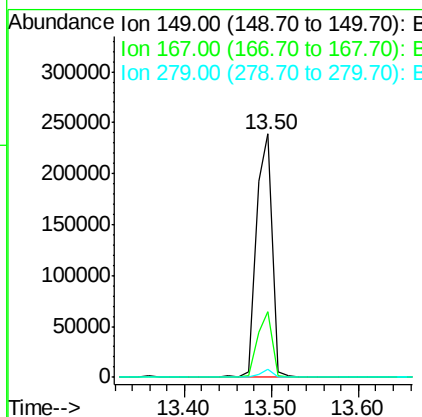
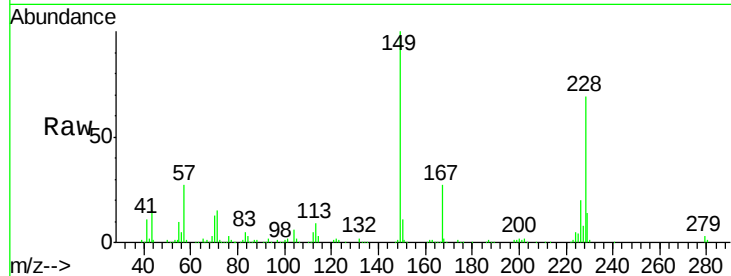
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.24 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	307285		
167	26.8	24.2	36.2	
279	3.2	3.8	5.6	

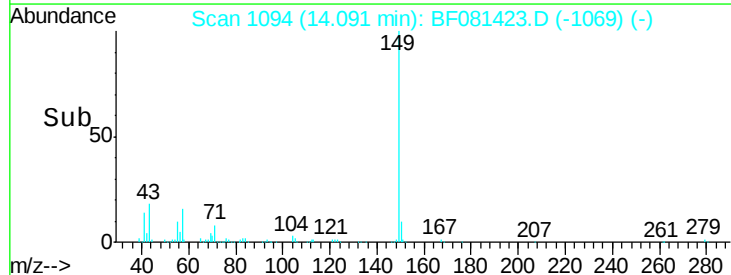
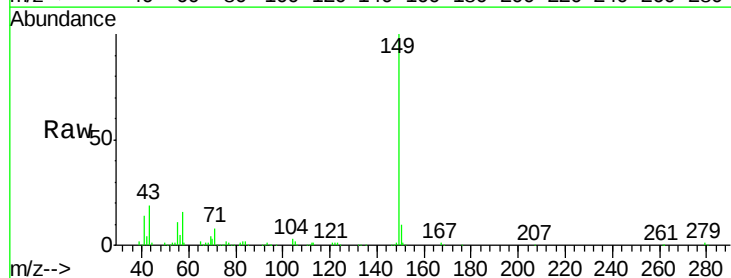
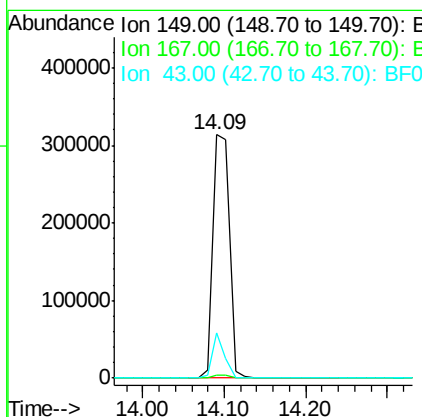
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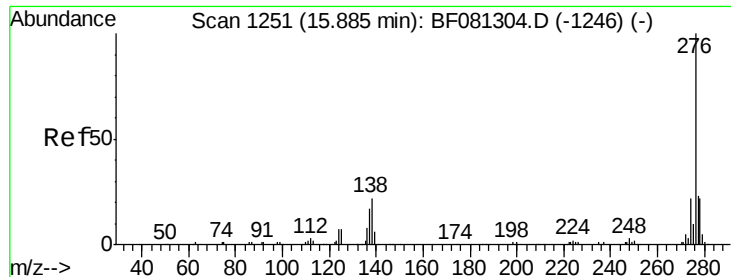
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#84
 Di-n-octyl phthalate
 Concen: 35.31 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	444014		
167	1.4	1.0	1.6	
43	13.5	10.2	15.2	





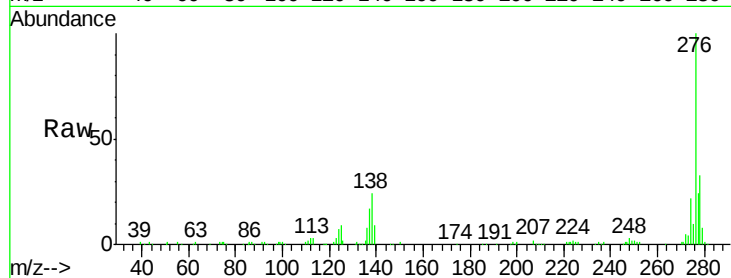
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

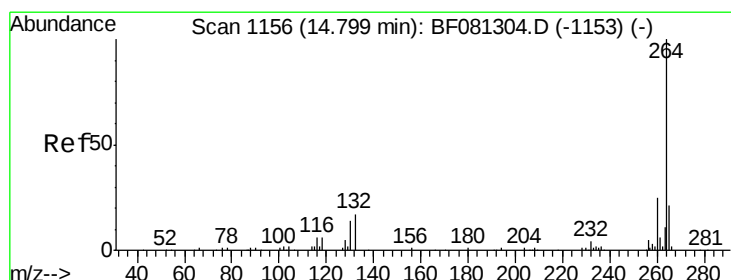
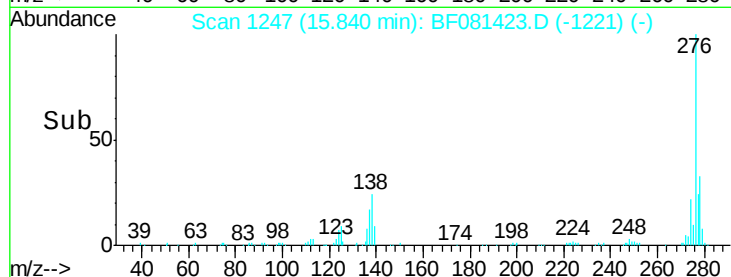
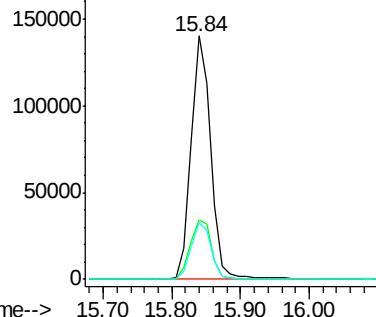
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.5	25.7	38.5
277	23.9	15.6	23.4

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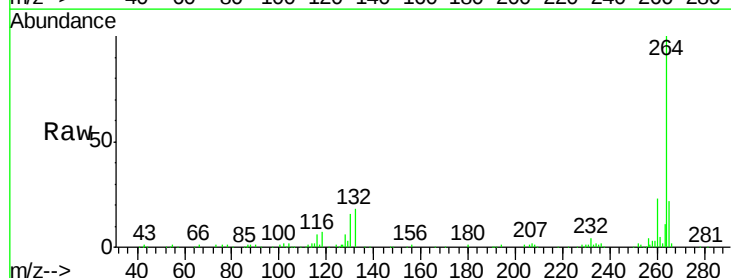


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

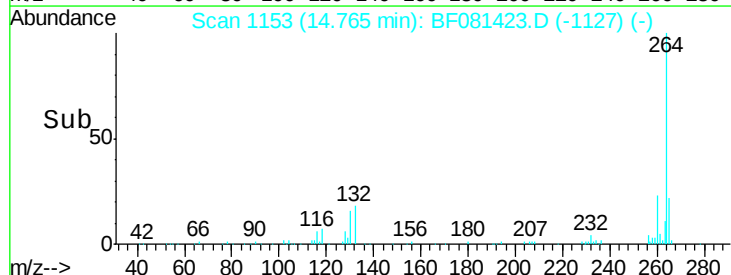
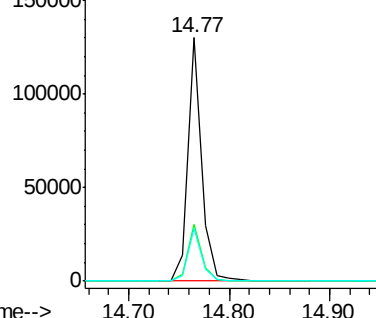


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	16.7	25.1
265	21.8	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 42.88 ng m

RT: 14.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF081423.D

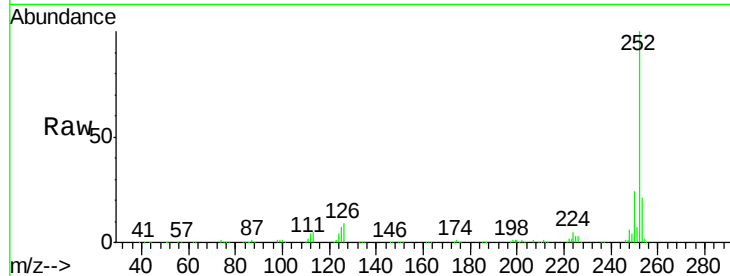
Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

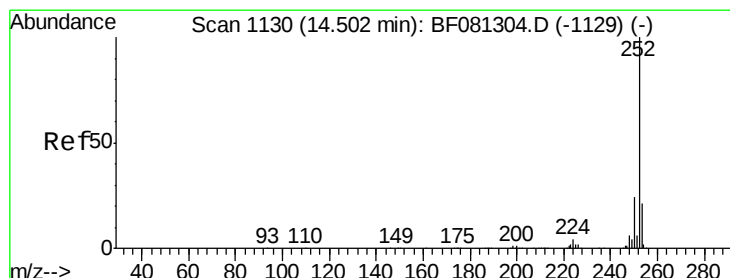
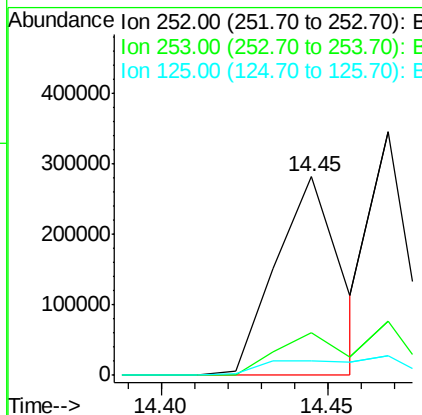
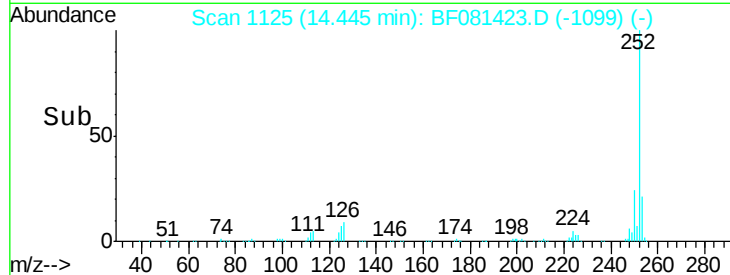
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	379249		
253	21.4	17.5	26.3	
125	7.2	17.1	25.7	

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#88

Benzo(k)fluoranthene

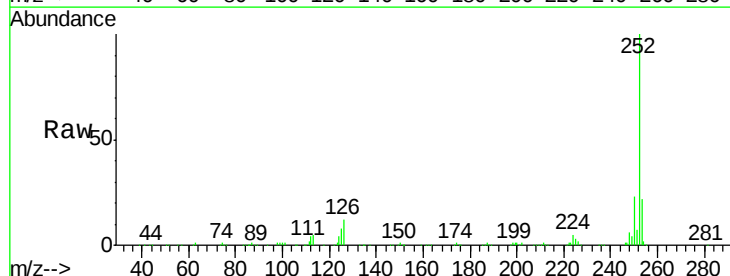
Concen: 35.81 ng m

RT: 14.47 min Scan# 1127

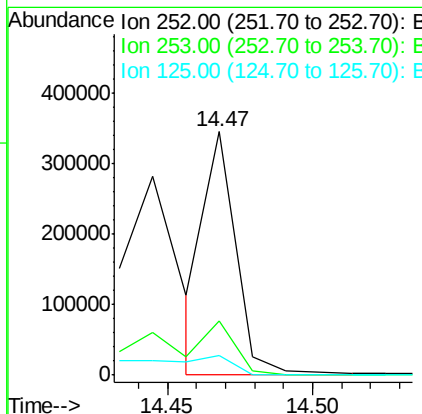
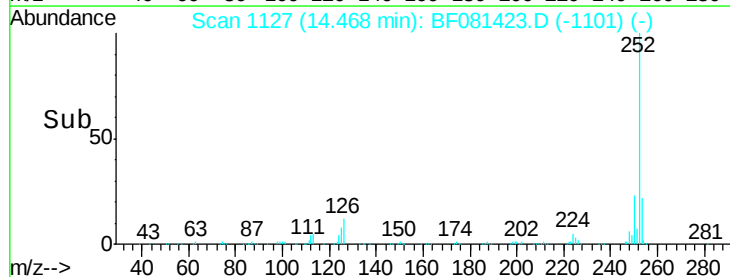
Delta R.T. -0.00 min

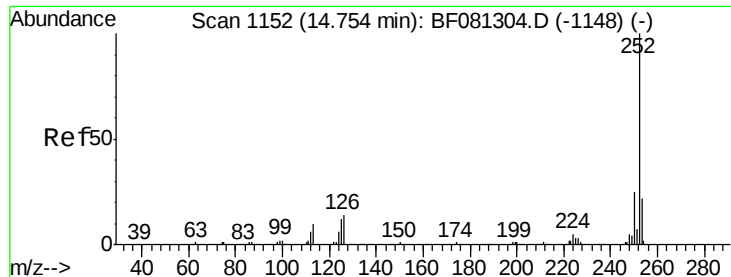
Lab File: BF081423.D

Acq: 4 Sep 2015 17:16



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	262838		
253	22.1	17.0	25.4	
125	8.1	16.0	24.0	





#89

Benzo(a)pyrene

Concen: 36.50 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

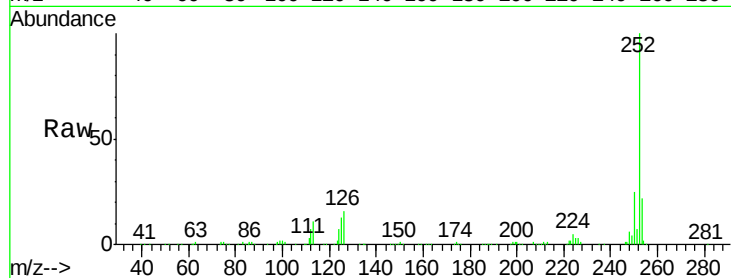
ClientSampleId :

PB85417BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	273545		
253	21.8	17.2	25.8	
125	13.1	18.0	27.0	

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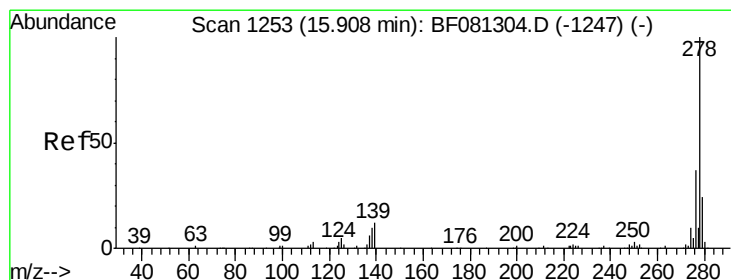
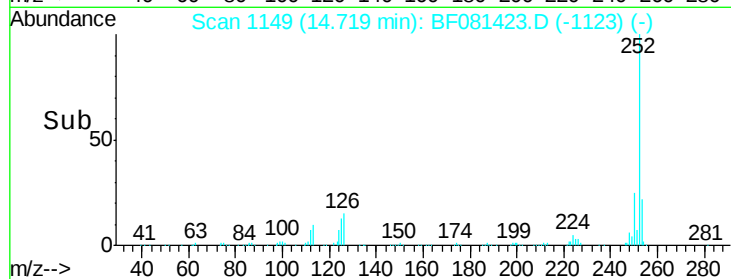
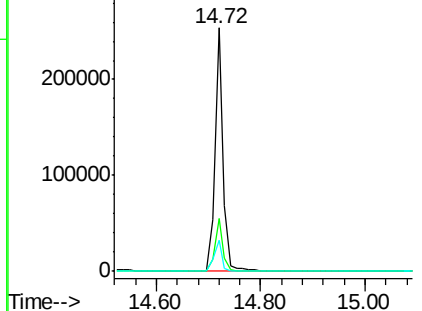
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.14 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081423.D

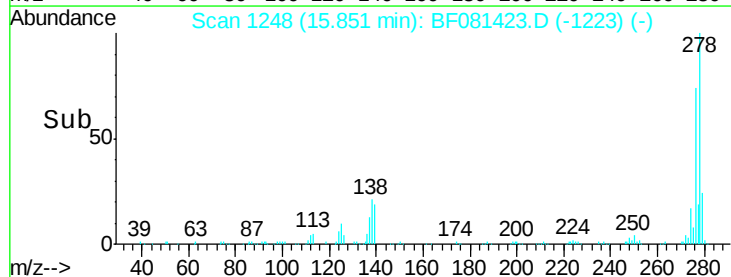
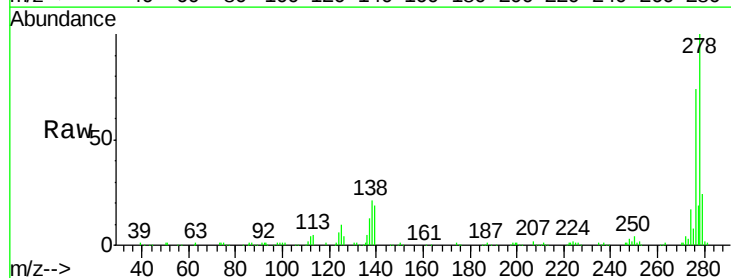
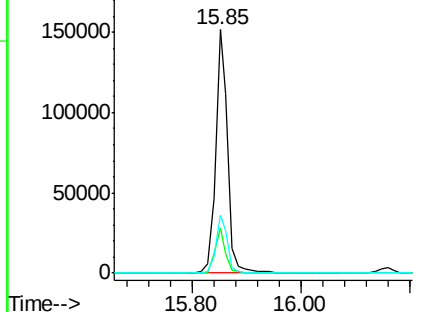
Acq: 4 Sep 2015 17:16

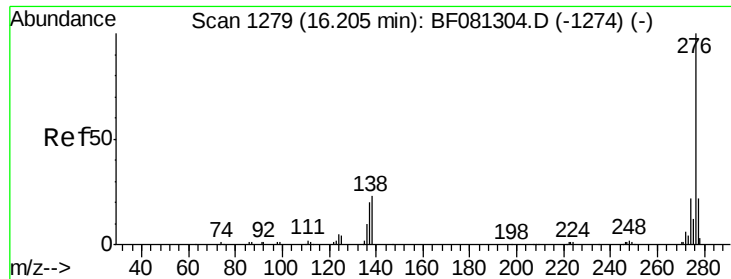
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	238254		
139	18.5	26.3	39.5	
279	23.9	18.2	27.4	

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





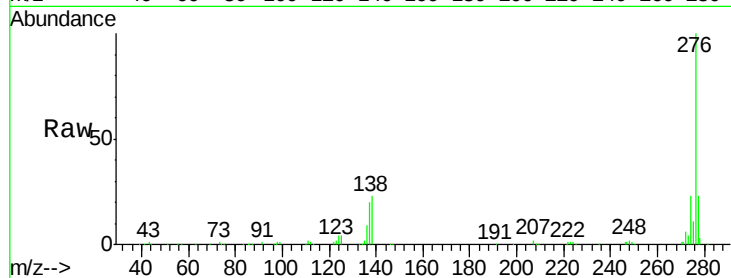
#91
 Benzo(g,h,i)perylene
 Concen: 42.98 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tgt Ion:	276	Resp:	237594
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.8	26.6
138	22.6	34.6	51.8#

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

