

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086526.D
 Acq On : 30 Apr 2016 16:24
 Operator : UM/SJ
 Sample : PB90053BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Manual Integrations
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Quant Time: May 01 04:13:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137688	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	606884	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	289845	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	572778	20.00	ng	0.00
75) Chrysene-d12	13.92	240	422525	20.00	ng	0.00
86) Perylene-d12	15.31	264	343353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1021895	128.02	ng	0.01
7) Phenol-d6	6.41	99	1427176	128.10	ng	0.00
23) Nitrobenzene-d5	7.33	82	883131	78.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	387548	126.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1549644	96.18	ng	0.00
78) Terphenyl-d14	12.88	244	1498025	78.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	150669	35.93	ng	# 77
3) Pyridine	3.07	79	434933	43.82	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	254997	45.08	ng	# 60
6) Aniline	6.43	93	214028	15.88	ng	# 38
8) 2-Chlorophenol	6.56	128	410033	41.24	ng	95
9) Benzaldehyde	6.30	77	64627	9.97	ng	95
10) Phenol	6.42	94	446697	35.94	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	447655	41.66	ng	93
12) 1,3-Dichlorobenzene	6.70	146	411126m	38.44	ng	
13) 1,4-Dichlorobenzene	6.78	146	437134	39.62	ng	96
14) 1,2-Dichlorobenzene	6.93	146	383474	37.90	ng	96
15) Benzyl Alcohol	6.91	79	339936	48.23	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.06	45	858528	39.92	ng	90
17) 2-Methylphenol	7.04	107	358766	44.64	ng	95
18) Hexachloroethane	7.28	117	154640	37.50	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	303745	41.25	ng	# 70
20) 3+4-Methylphenols	7.18	107	410011	44.69	ng	91
22) Acetophenone	7.18	105	566337	42.56	ng	# 90
24) Nitrobenzene	7.36	77	479644	41.41	ng	94
25) Isophorone	7.60	82	855057	39.46	ng	99
26) 2-Nitrophenol	7.68	139	222583	41.74	ng	95
27) 2,4-Dimethylphenol	7.72	122	393541	42.06	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	540783	45.81	ng	98
29) 2,4-Dichlorophenol	7.92	162	352309	44.63	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	353418	38.59	ng	96
31) Naphthalene	8.08	128	1210169	39.19	ng	99
32) Benzoic acid	7.85	122	171695	33.54	ng	88
33) 4-Chloroaniline	8.13	127	97073	8.39	ng	98
34) Hexachlorobutadiene	8.20	225	192085	37.41	ng	97
35) Caprolactam	8.50	113	116105m	44.09	ng	
36) 4-Chloro-3-methylphenol	8.62	107	411110	45.48	ng	98
37) 2-Methylnaphthalene	8.77	142	791519	43.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	302397	36.45	ng	# 96
40) Hexachlorocyclopentadiene	8.92	237	317456	77.00	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	223263	42.57	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	238980	41.81	ng #	92
45) 1,1'-Biphenyl	9.23	154	929404	38.36	ng	96
46) 2-Chloronaphthalene	9.25	162	707161	38.39	ng	94
47) 2-Nitroaniline	9.36	65	289485	49.01	ng	90
48) Acenaphthylene	9.66	152	1121363	38.95	ng	99
49) Dimethylphthalate	9.54	163	887886	40.69	ng	100
50) 2,6-Dinitrotoluene	9.60	165	190450	42.25	ng #	90
51) Acenaphthene	9.84	154	768838	41.57	ng	98
52) 3-Nitroaniline	9.77	138	71053	13.86	ng	99
53) 2,4-Dinitrophenol	9.87	184	143153	60.22	ng #	77
54) Dibenzofuran	10.02	168	1027753	44.46	ng	95
55) 4-Nitrophenol	9.94	139	303213	90.33	ng #	74
56) 2,4-Dinitrotoluene	10.01	165	252459	43.93	ng #	82
57) Fluorene	10.35	166	721103	35.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211937	47.42	ng	98
59) Diethylphthalate	10.24	149	847140	41.01	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	372031	40.83	ng #	87
61) 4-Nitroaniline	10.38	138	205024	40.91	ng	89
62) Azobenzene	10.51	77	1027280	45.40	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	125271	37.25	ng #	77
65) n-Nitrosodiphenylamine	10.46	169	699977	39.10	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	232696	39.43	ng #	78
67) Hexachlorobenzene	10.90	284	249289	36.49	ng #	78
68) Atrazine	11.00	200	253347	47.13	ng	95
69) Pentachlorophenol	11.09	266	252410	70.08	ng	96
70) Phenanthrene	11.31	178	1138917	37.89	ng	100
71) Anthracene	11.37	178	1317077	41.06	ng	99
72) Carbazole	11.52	167	1124178	39.54	ng	98
73) Di-n-butylphthalate	11.86	149	1357410	42.14	ng	99
74) Fluoranthene	12.50	202	1270983	41.89	ng	91
76) Benzidine	12.63	184	259411	17.87	ng	95
77) Pyrene	12.72	202	1218041	40.01	ng	99
79) Butylbenzylphthalate	13.35	149	519249	39.38	ng #	71
80) Benzo(a)anthracene	13.91	228	946984	42.04	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	121453	8.07	ng	99
82) Chrysene	13.94	228	962916	39.33	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	578719	35.36	ng #	96
84) Di-n-octyl phthalate	14.51	149	995816	38.85	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	826220	45.54	ng	97
87) Benzo(b)fluoranthene	14.92	252	901520m	44.63	ng	
88) Benzo(k)fluoranthene	14.95	252	788161m	37.41	ng	
89) Benzo(a)pyrene	15.25	252	786640	41.25	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	693242	44.42	ng	98
91) Benzo(g,h,i)perylene	17.05	276	700199	44.77	ng	95

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

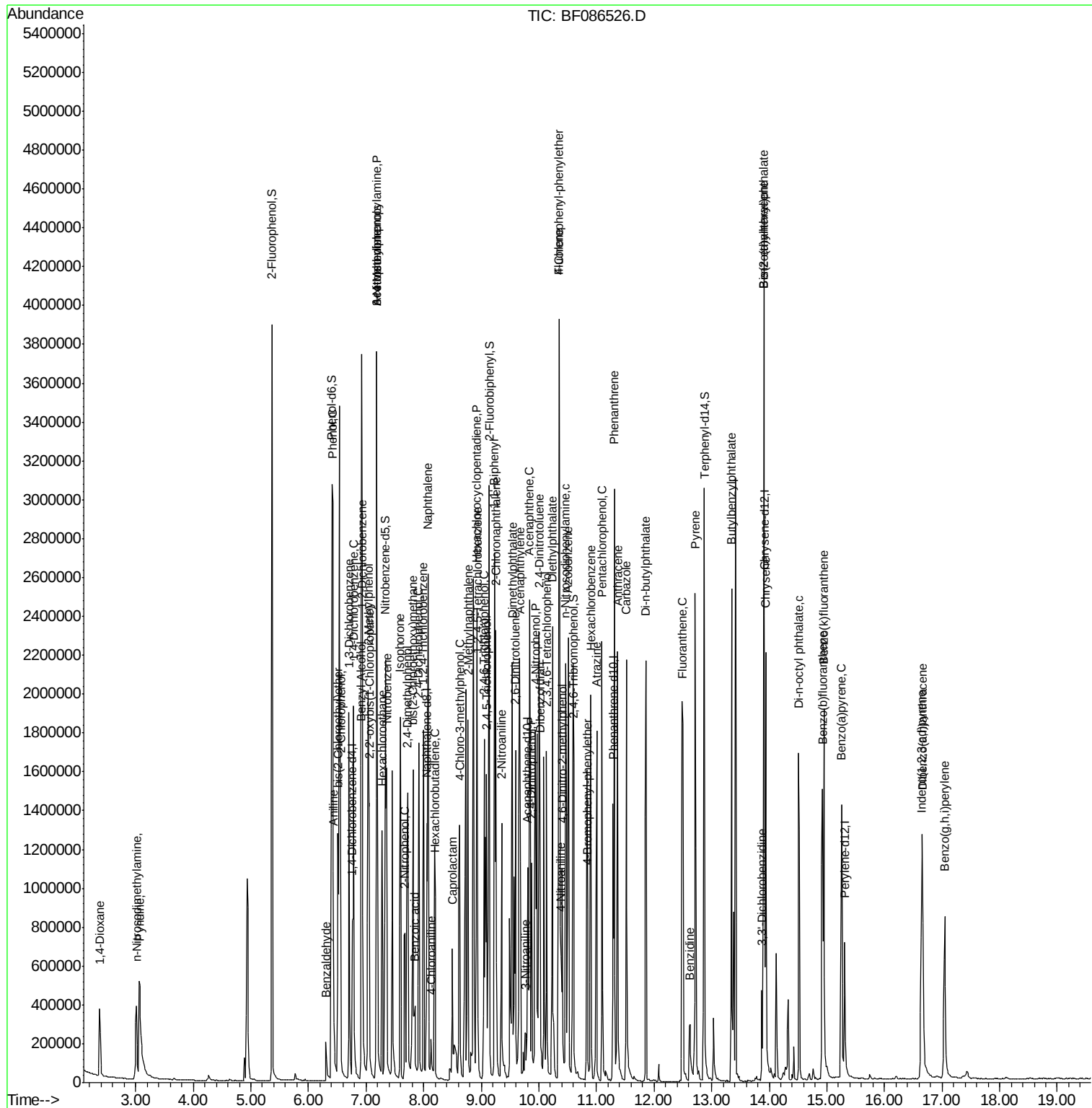
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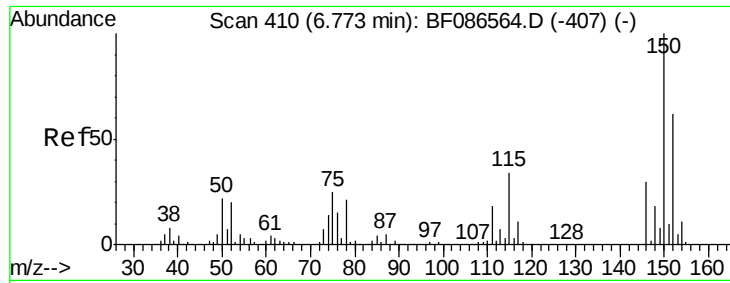
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#1

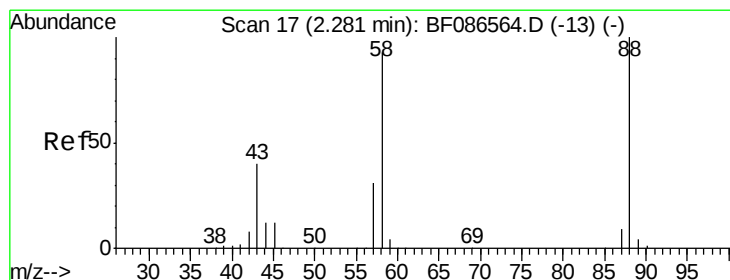
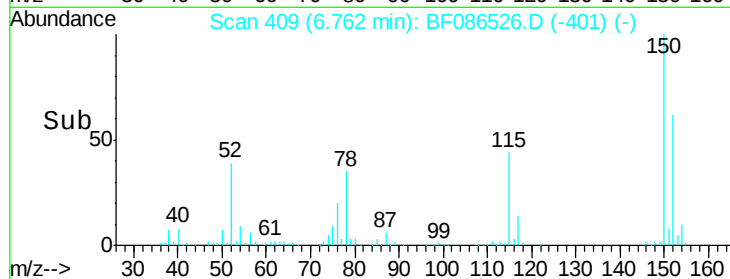
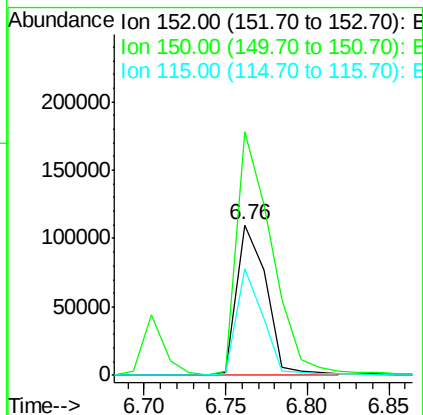
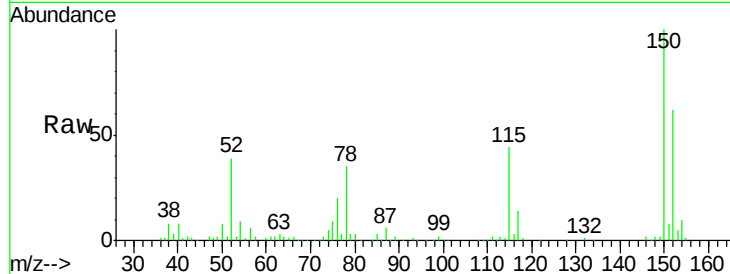
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.8	188.6
115	70.8	51.5	77.3

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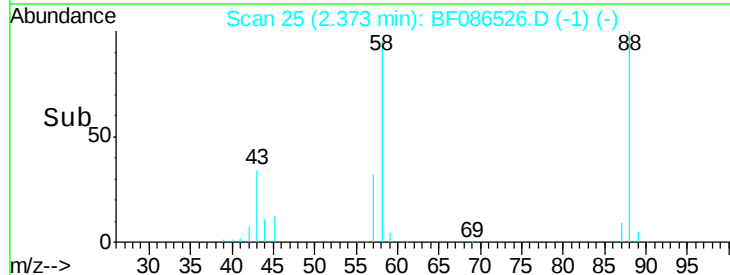
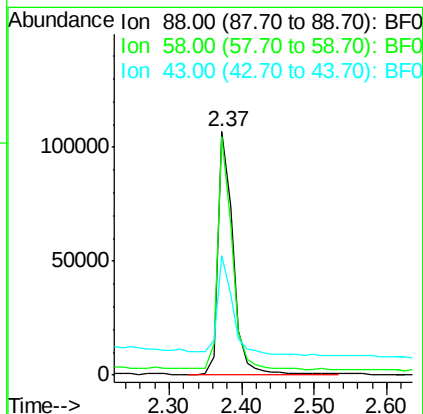
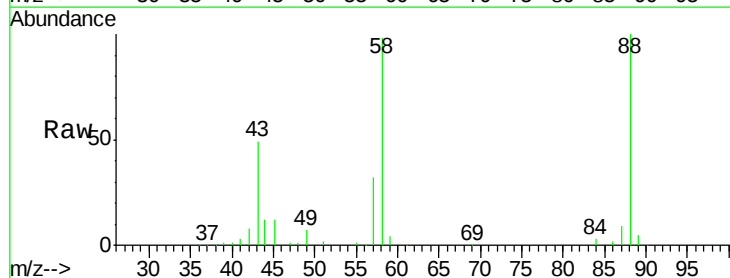
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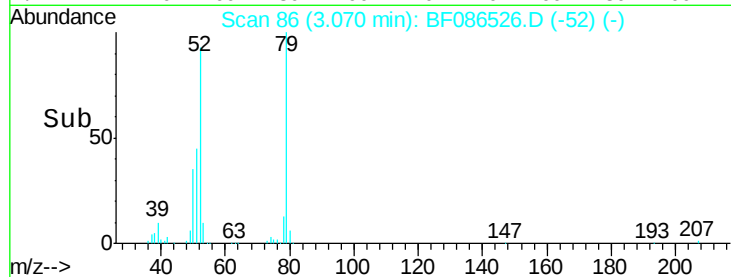
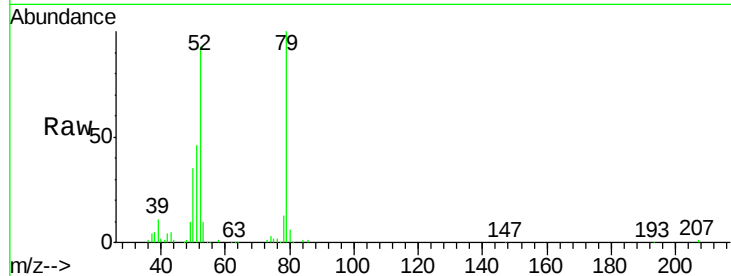
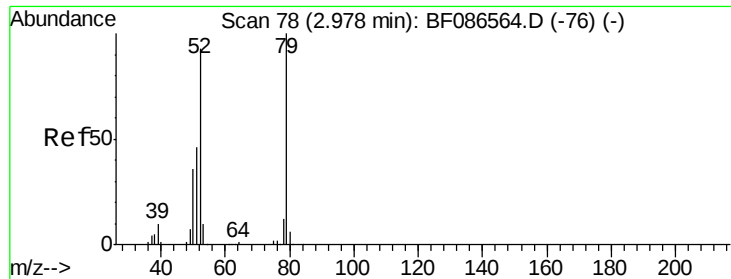


#2

1,4-Dioxane
Concen: 35.93 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	59.6	89.4#
43	45.1	21.8	32.6#





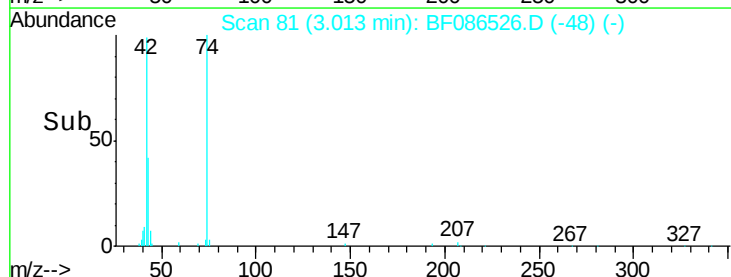
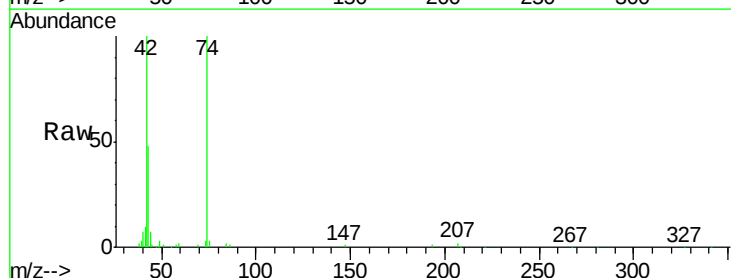
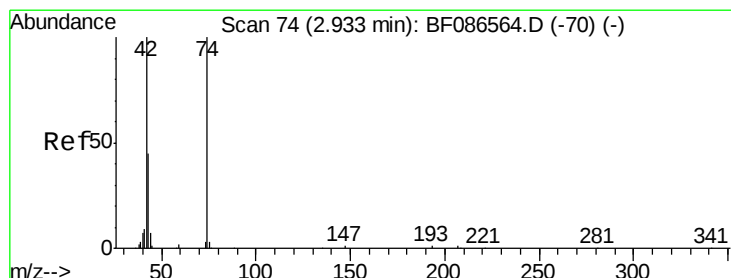
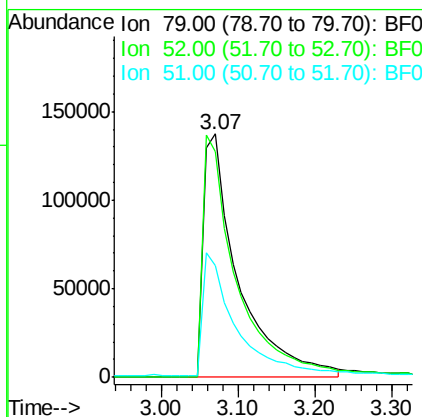
#3
 Pyridine
 Concen: 43.82 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
79	100		
52	92.7	55.9	83.9#
51	46.0	28.1	42.1#

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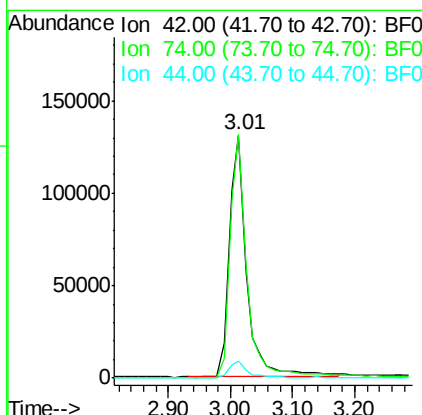
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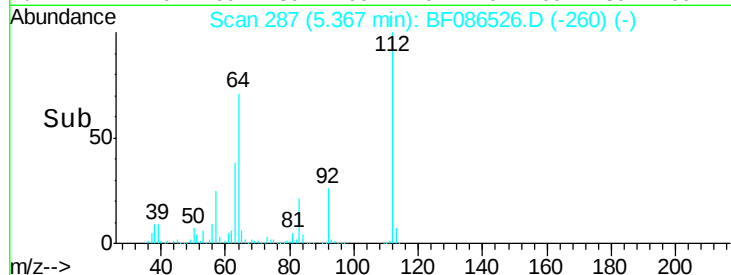
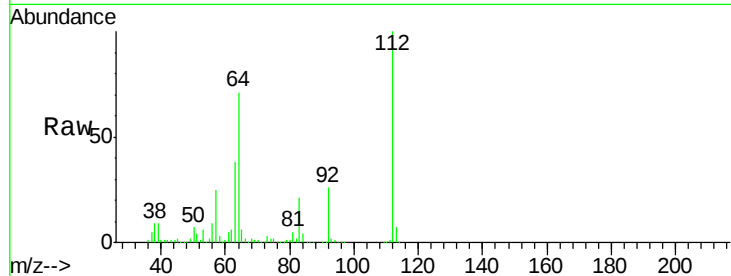
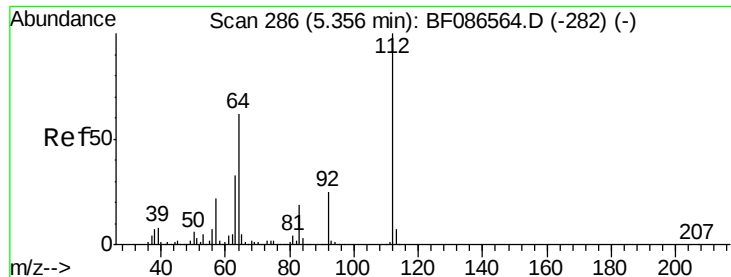
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#4
 n-Nitrosodimethylamine
 Concen: 45.08 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.4	123.4	185.0#
44	7.1	5.8	8.6





#5

2-Fluorophenol

Concen: 128.02 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086526.D

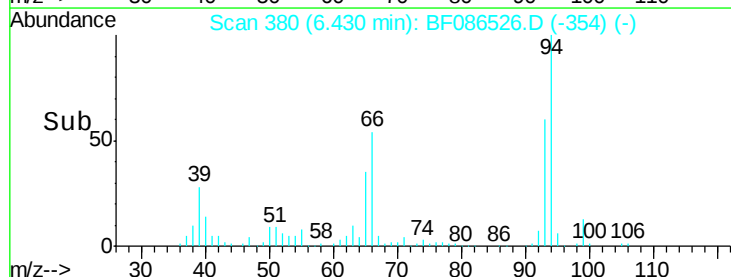
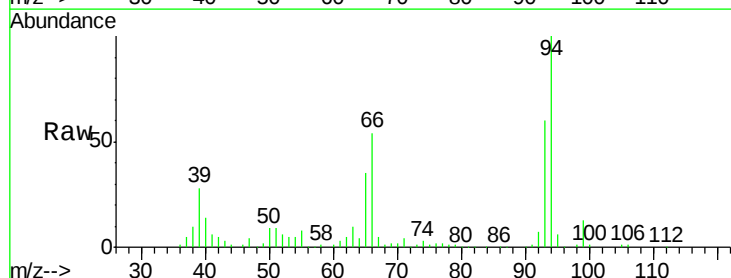
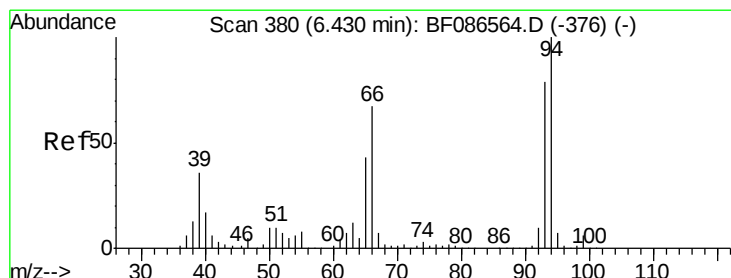
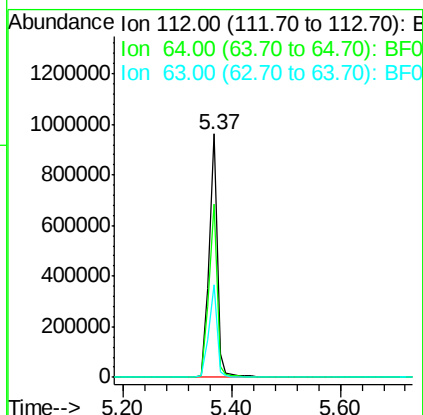
Acq: 30 Apr 2016 16:24

Tgt Ion:	112	Resp:	1021895
Ion	Ratio	Lower	Upper
112	100		
64	71.3	52.1	78.1
63	37.9	25.7	38.5

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#6

Aniline

Concen: 15.88 ng

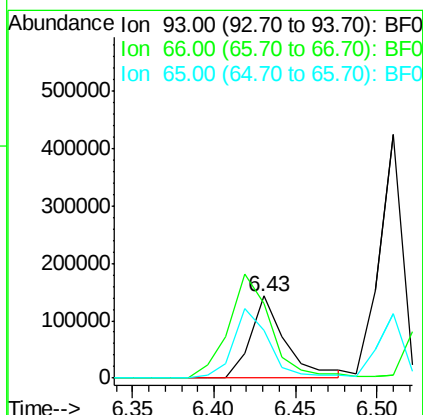
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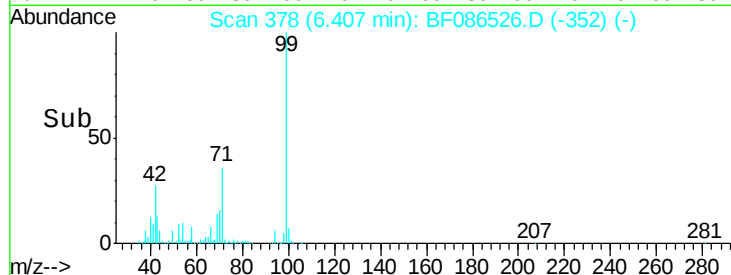
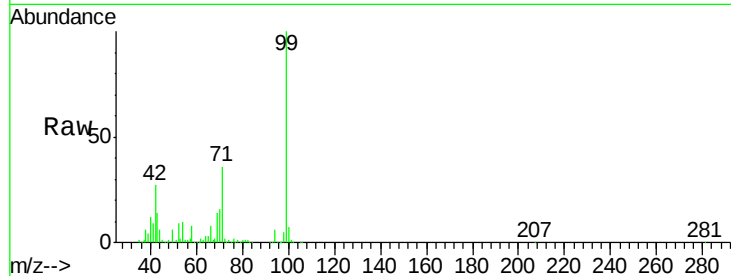
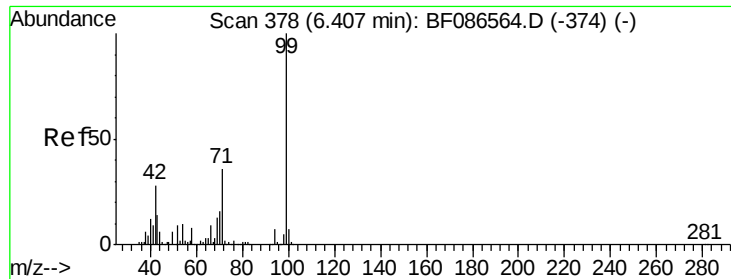
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	93	Resp:	214028
Ion	Ratio	Lower	Upper
93	100		
66	90.1	39.0	58.6#
65	58.3	20.6	31.0#





#7

Phenol-d6

Concen: 128.10 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	99	Resp:	1427176
Ion	Ratio	Lower	Upper
99	100		
42	27.5	13.6	20.4#
71	36.0	24.6	36.8

Instrument :

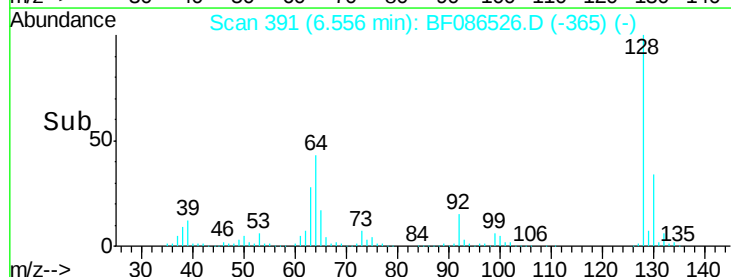
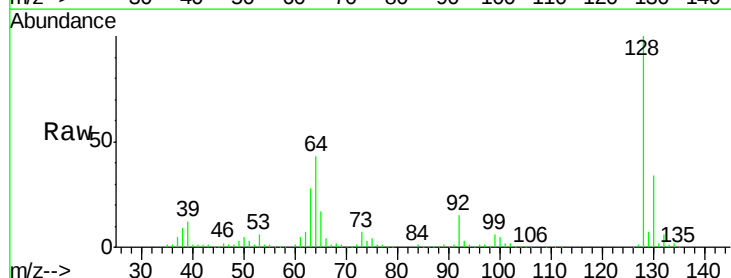
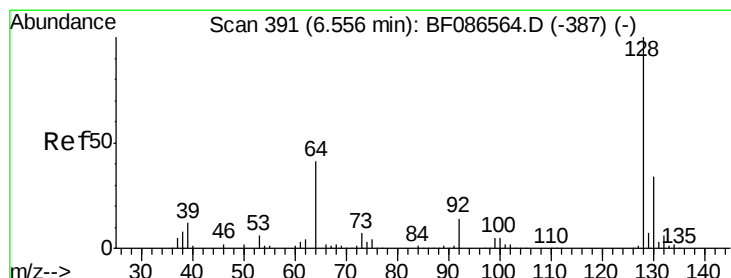
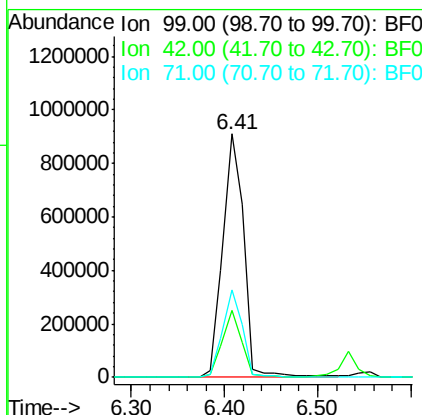
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#8

2-Chlorophenol

Concen: 41.24 ng

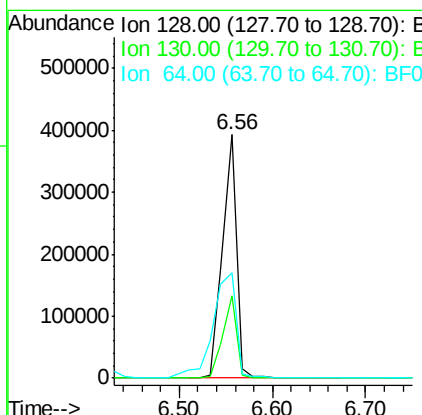
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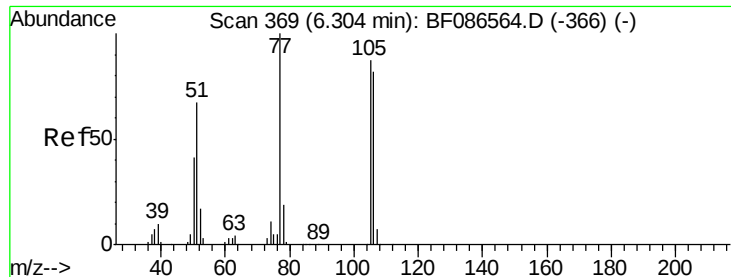
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	128	Resp:	410033
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.5	52.5
64	43.2	27.3	67.3





#9

Benzaldehyde

Concen: 9.97 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086526.D

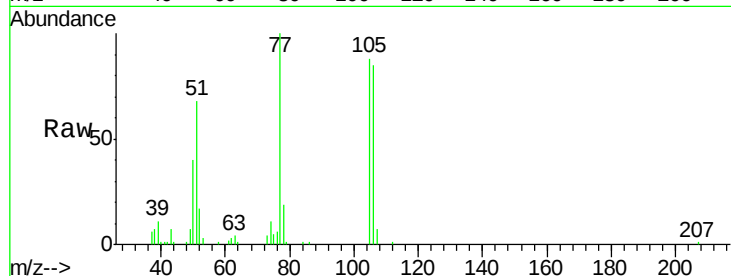
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Instrument :

BNA_F

ClientSampleId :

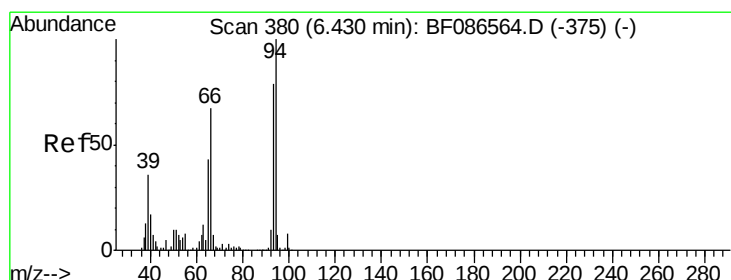
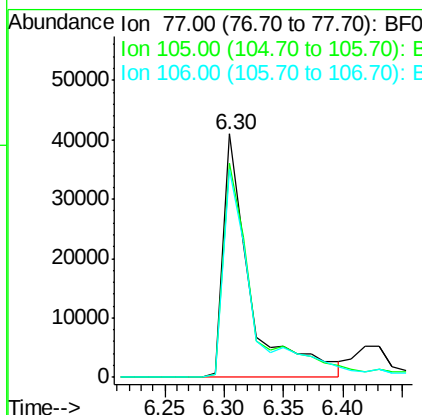
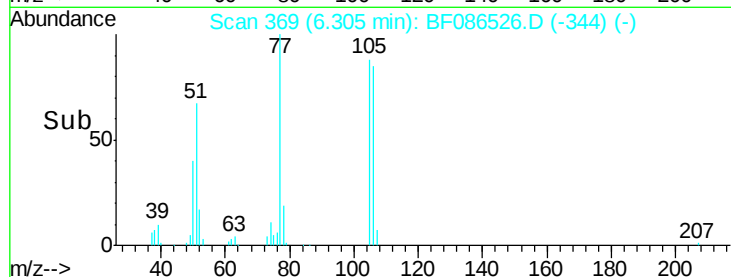
PB90053BS



Tgt Ion:	77	Resp:	64627
Ion	Ratio	Lower	Upper
77	100		
105	88.1	72.7	112.7
106	85.5	70.8	110.8

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#10

Phenol

Concen: 35.94 ng

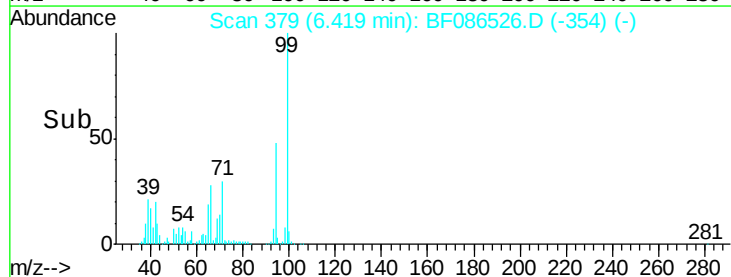
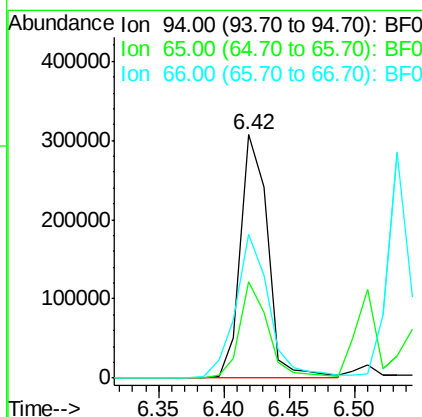
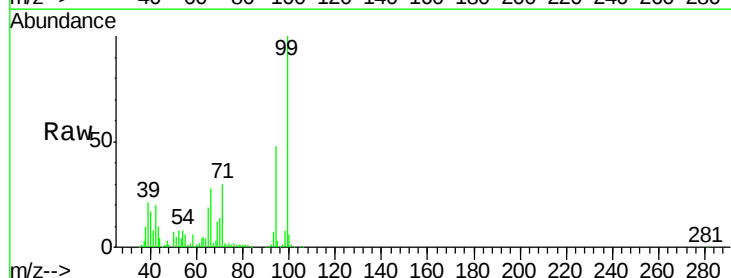
RT: 6.42 min Scan# 379

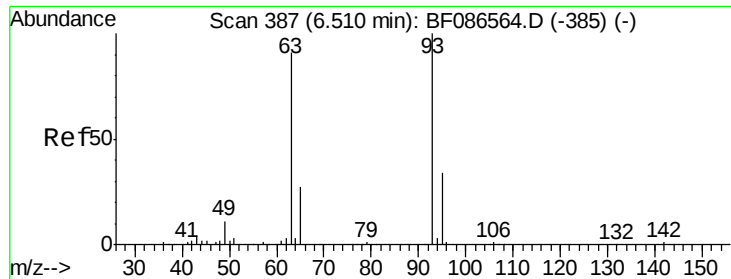
Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	94	Resp:	446697
Ion	Ratio	Lower	Upper
94	100		
65	39.7	7.2	47.2
66	59.0	14.9	54.9#





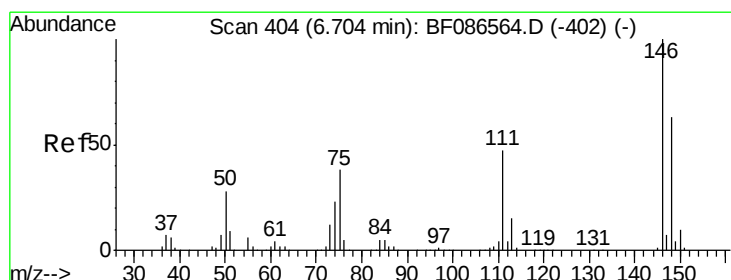
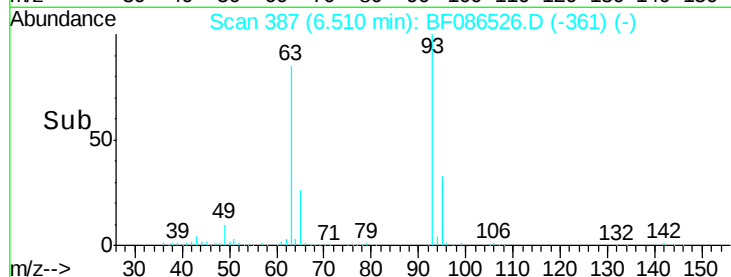
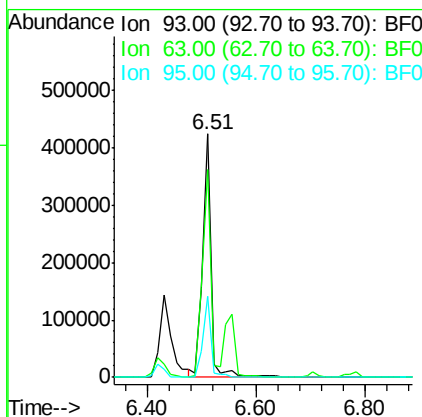
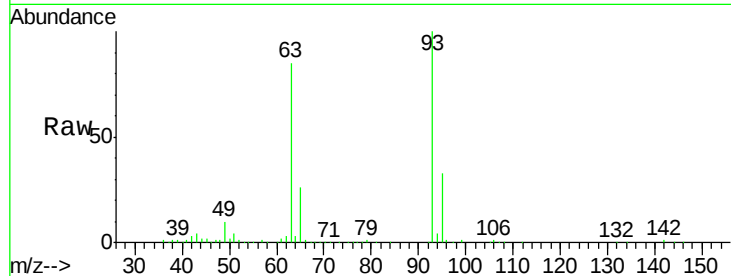
#11
bis(2-Chloroethyl)ether
Concen: 41.66 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.3	58.0	98.0
95	33.3	11.9	51.9

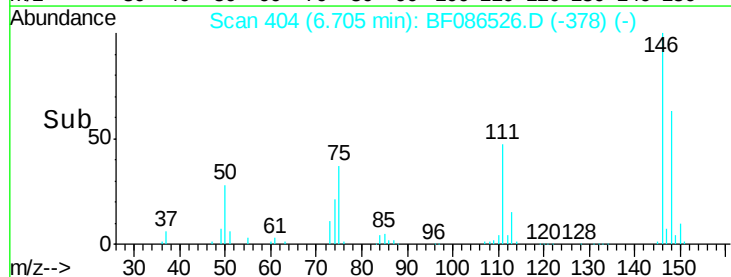
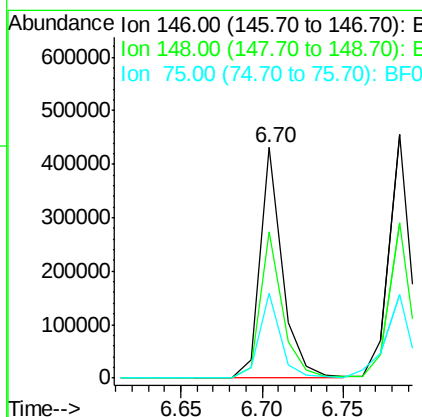
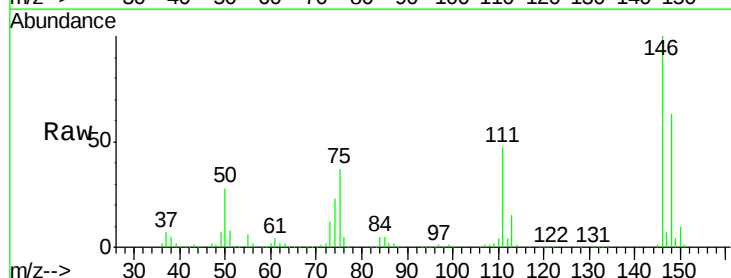
Manual Integrations
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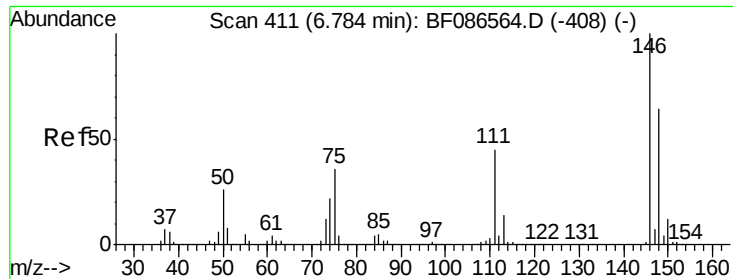
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#12
1,3-Dichlorobenzene
Concen: 38.44 ng m
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.4	52.4	78.6
75	37.0	22.8	34.2





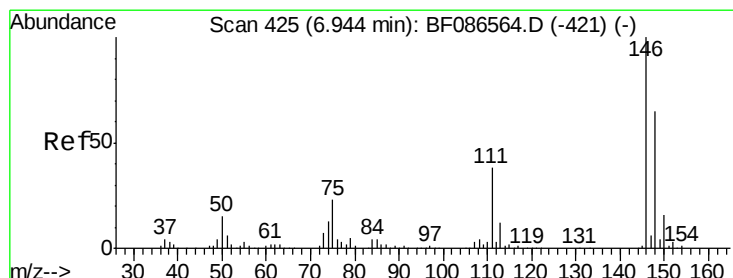
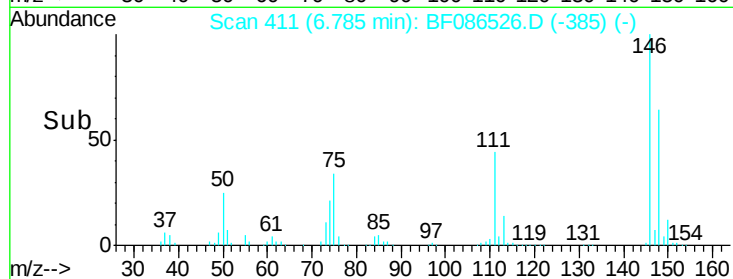
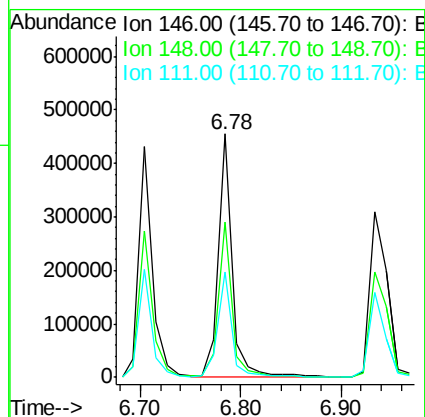
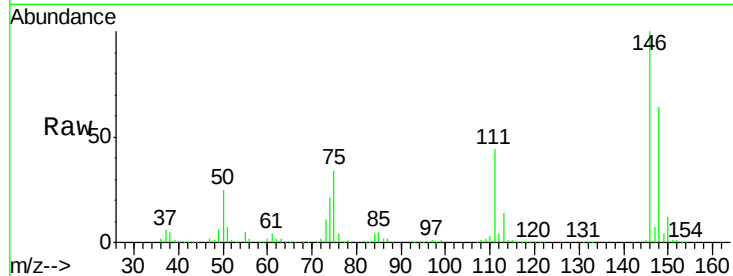
#13
 1,4-Dichlorobenzene
 Concen: 39.62 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	43.5	30.7	46.1

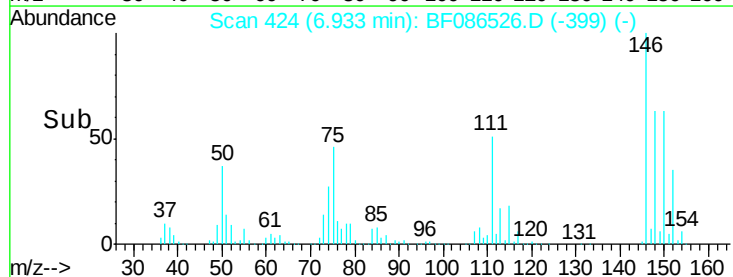
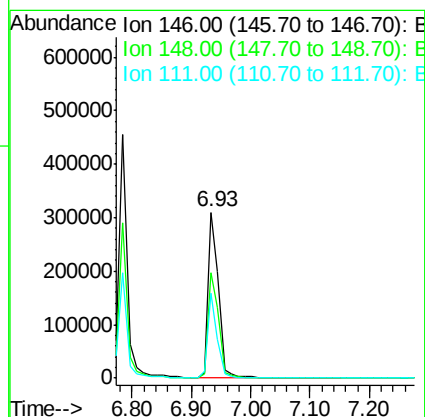
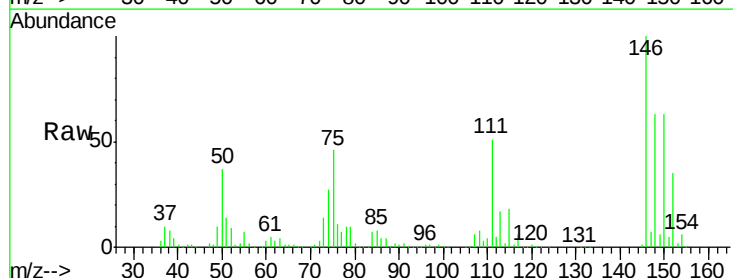
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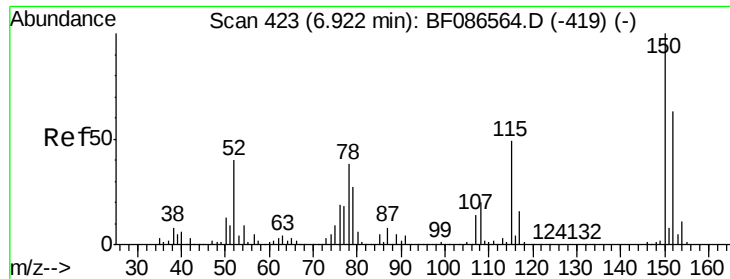
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#14
 1,2-Dichlorobenzene
 Concen: 37.90 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	51.2	36.2	54.4





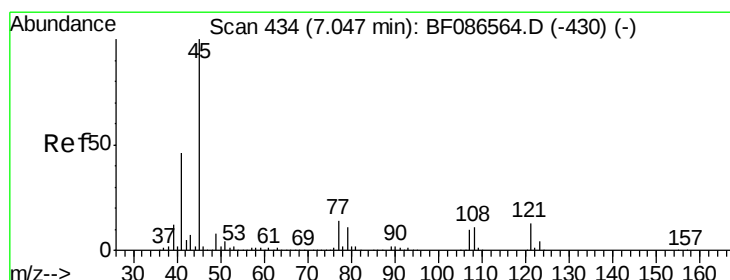
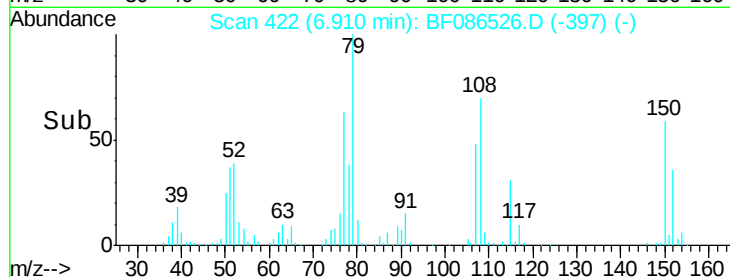
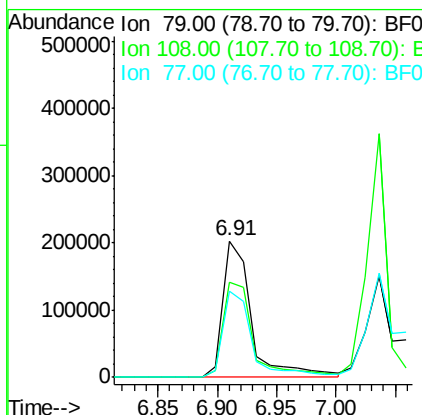
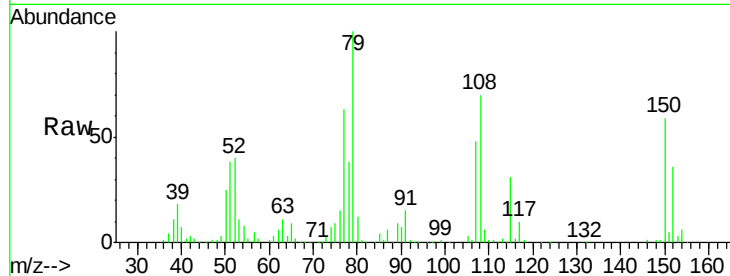
#15
Benzyl Alcohol
Concen: 48.23 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	339936		
108	70.1	68.4	102.6	
77	63.2	50.6	76.0	

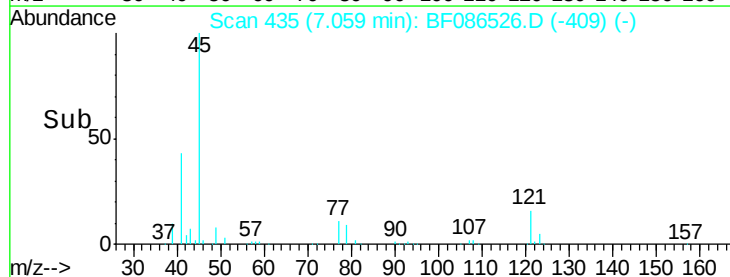
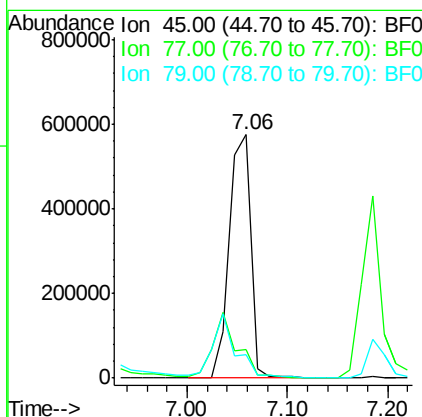
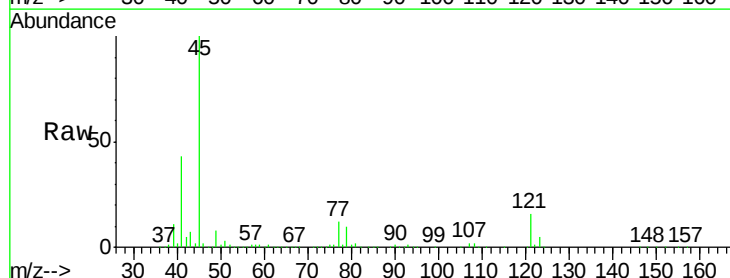
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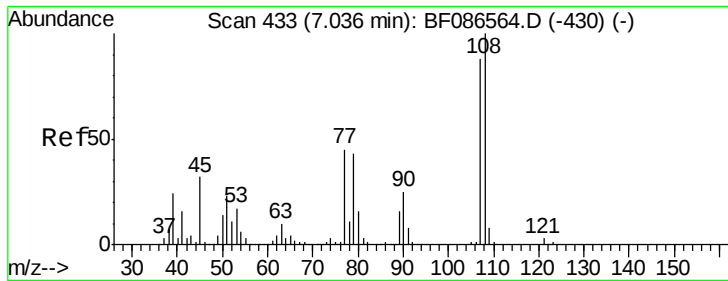
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.92 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	858528		
77	11.8	0.0	36.4	
79	9.5	0.0	33.4	





#17

2-Methylphenol

Concen: 44.64 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086526.D

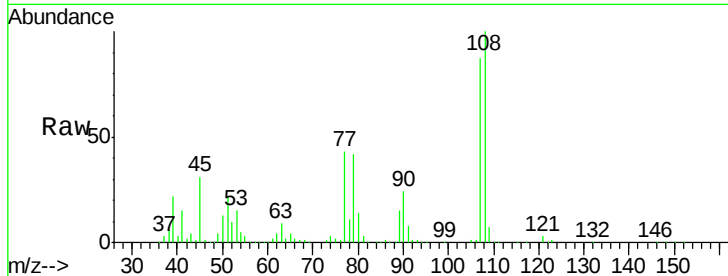
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB90053BS



Tgt Ion:107 Resp: 358766

Ion Ratio Lower Upper

107 100

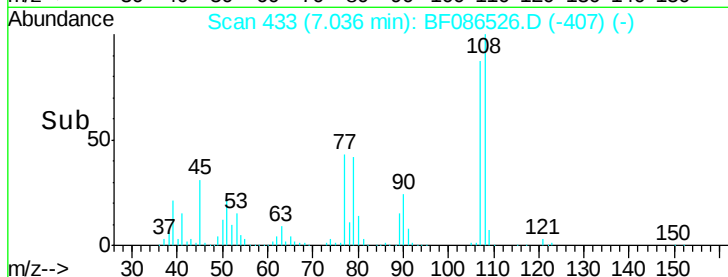
108 115.4 93.7 140.5

77 49.4 33.4 50.0

79 48.1 34.3 51.5

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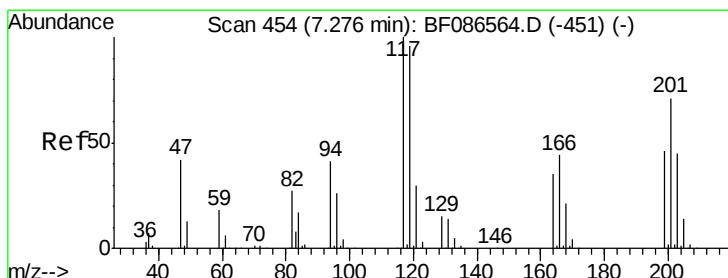
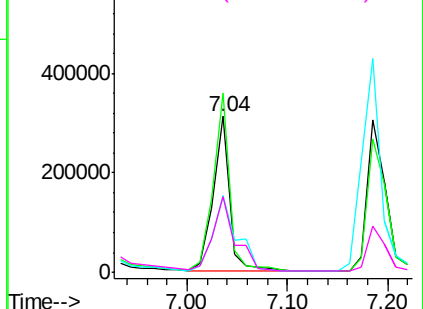


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.50 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

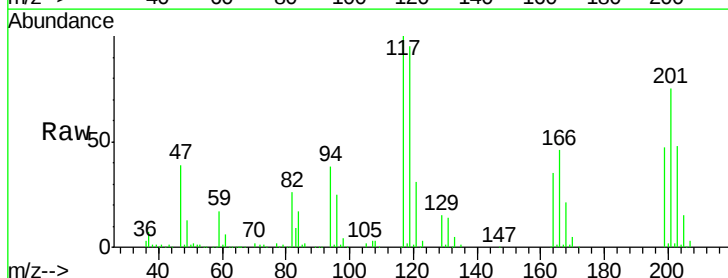
Tgt Ion:117 Resp: 154640

Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

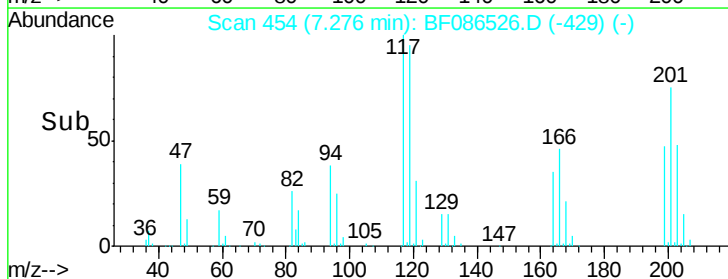
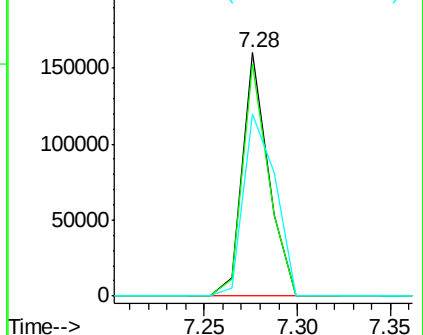
201 74.7 63.0 94.6

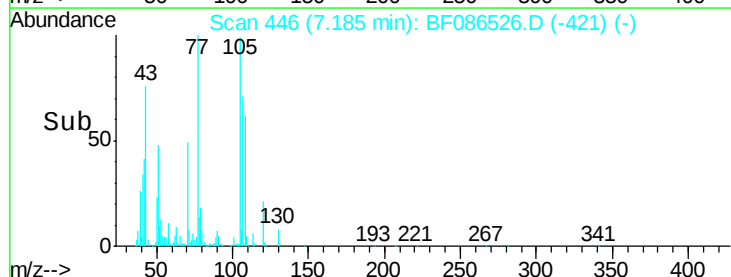
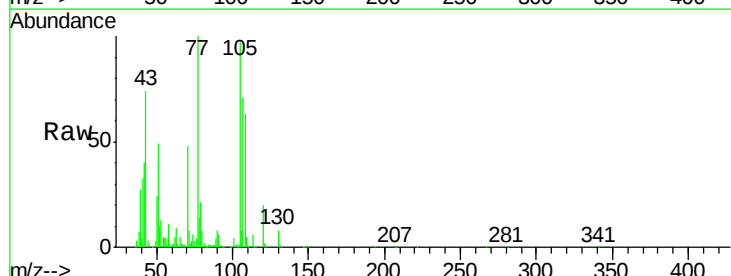
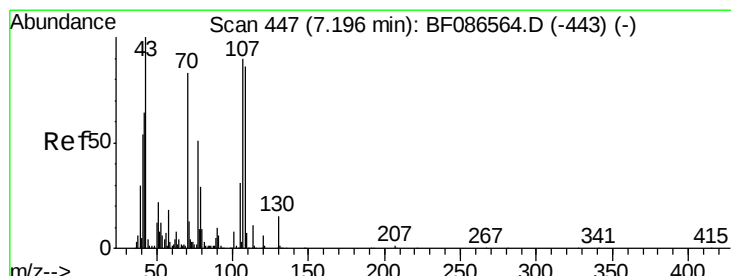
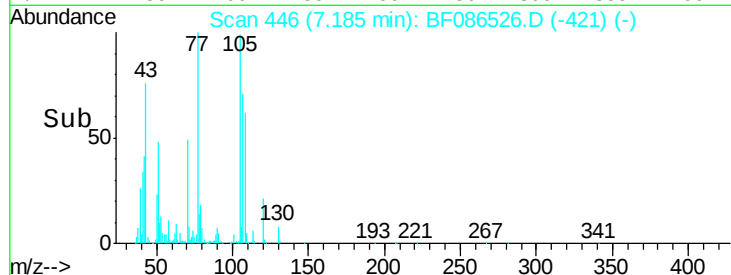
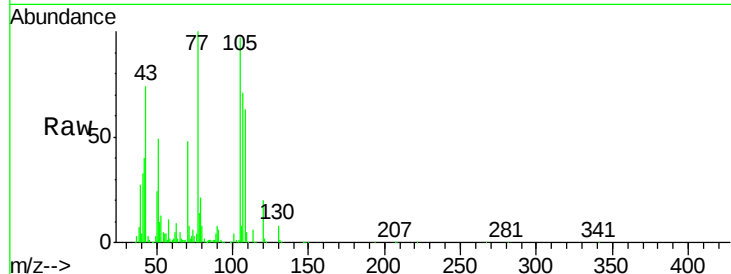
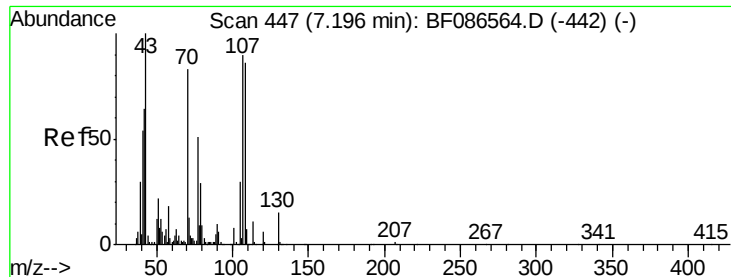


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





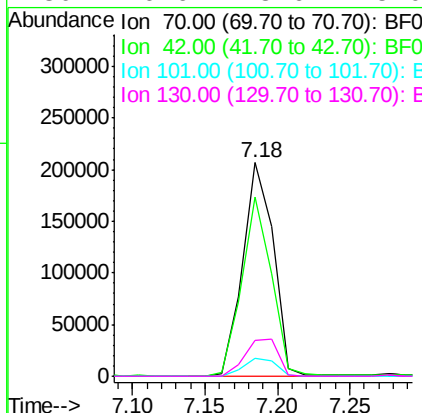
#19
n-Nitroso-di-n-propylamine
Concen: 41.25 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	83.9	43.1	64.7#
101	8.3	8.1	12.1
130	16.6	18.6	28.0#

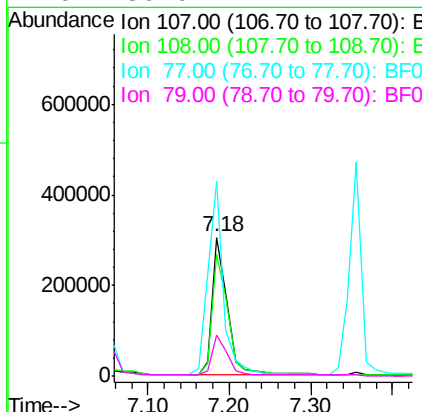
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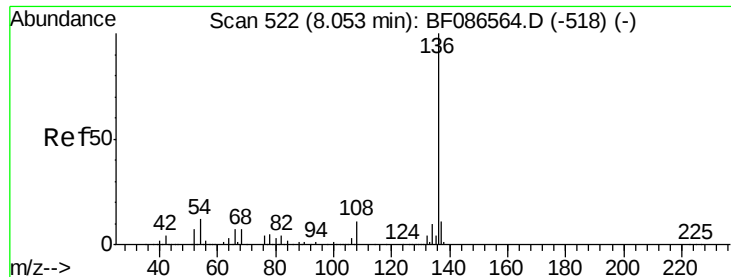
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#20
3+4-Methylphenols
Concen: 44.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.9	68.5	108.5
77	140.5	101.6	141.6
79	30.0	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

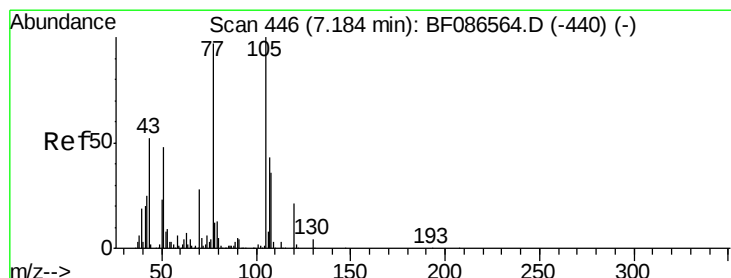
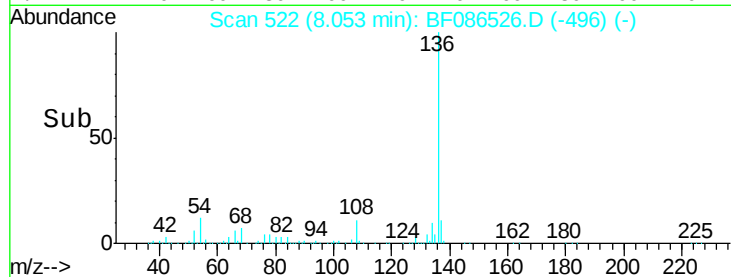
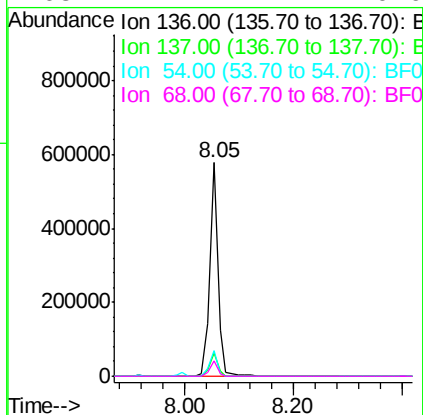
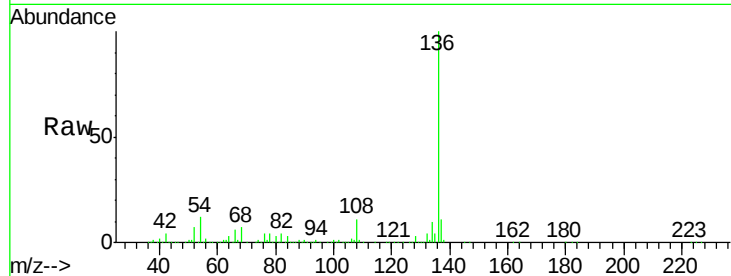
ClientSampleId :

PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	606884		
137	10.9	8.8	13.2	
54	12.0	5.0	7.4#	
68	7.1	4.4	6.6#	

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#22

Acetophenone

Concen: 42.56 ng

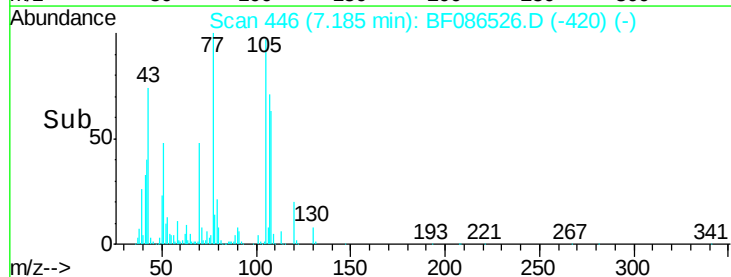
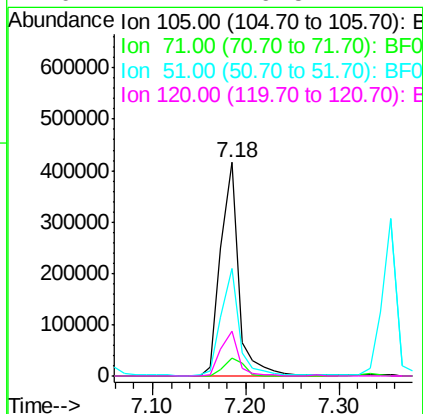
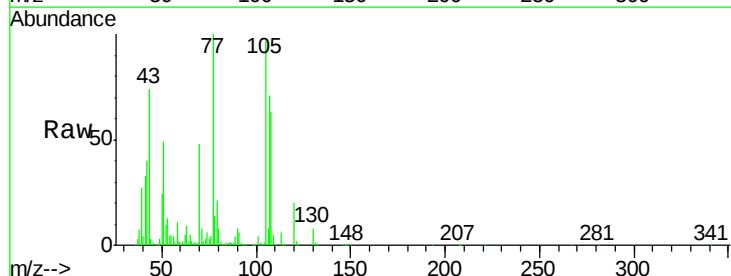
RT: 7.18 min Scan# 446

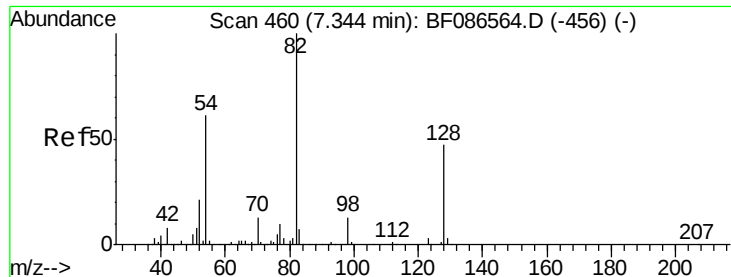
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566337		
71	8.3	4.8	7.2#	
51	50.2	32.6	49.0#	
120	21.2	16.5	24.7	





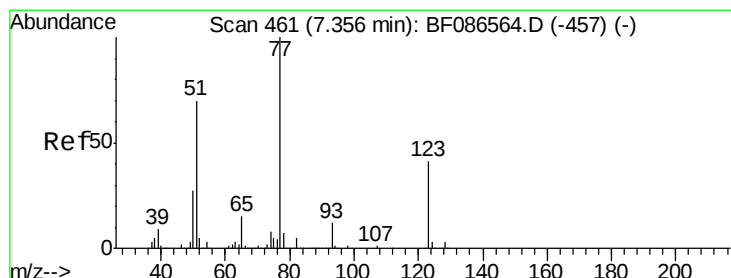
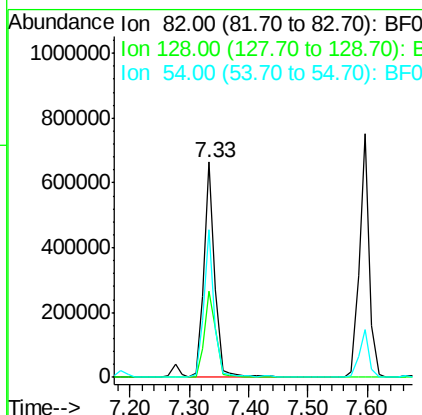
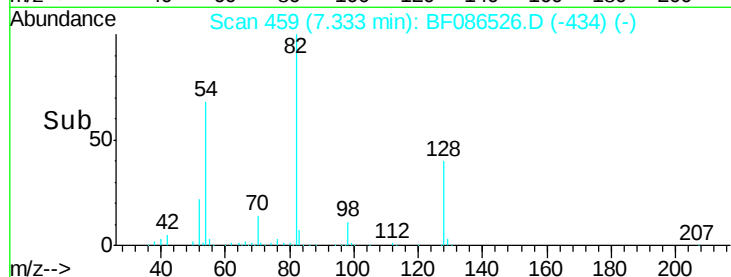
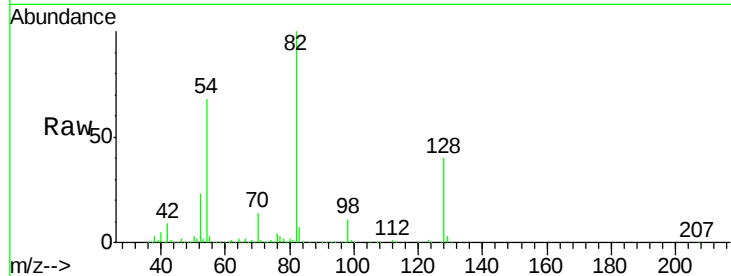
#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	40.6	61.0#
54	68.4	38.1	57.1#

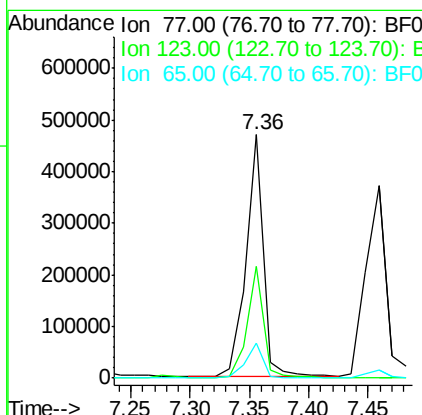
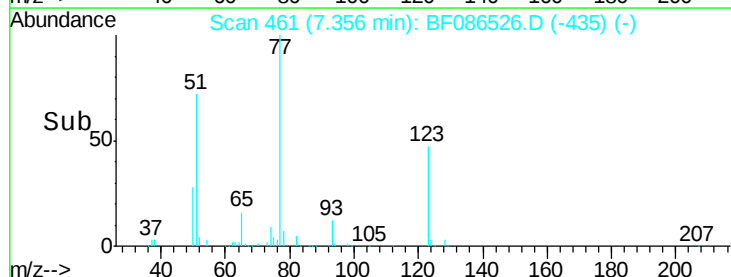
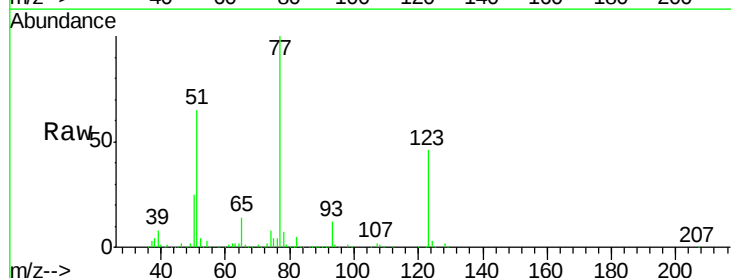
Manual Integrations
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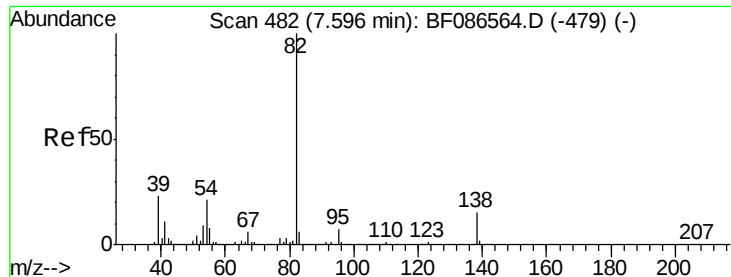
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#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.0	49.4
65	14.3	10.8	16.2





#25

Isophorone

Concen: 39.46 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086526.D

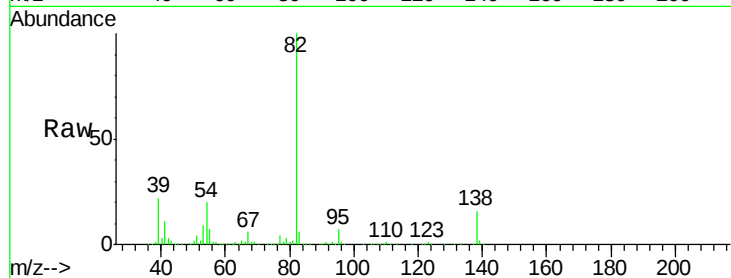
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

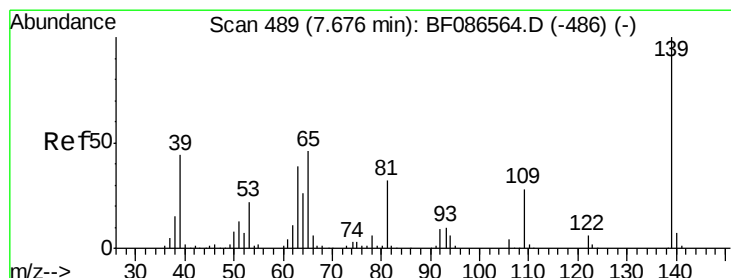
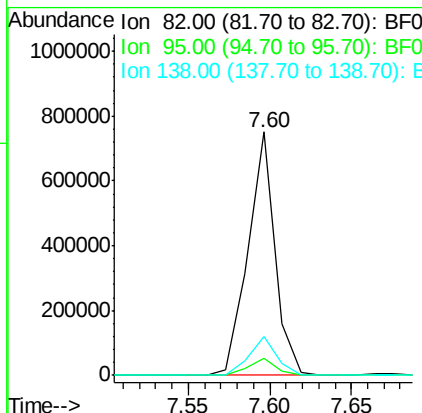
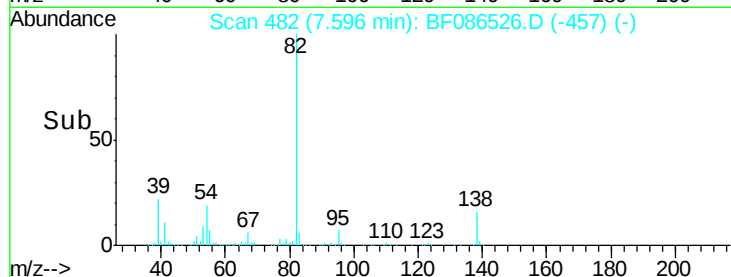
PB90053BS



Tgt Ion:	82	Resp:	855057
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	15.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.74 ng

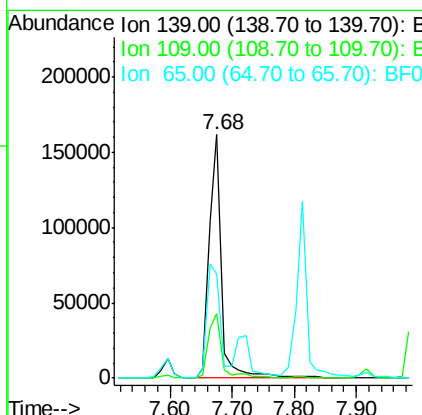
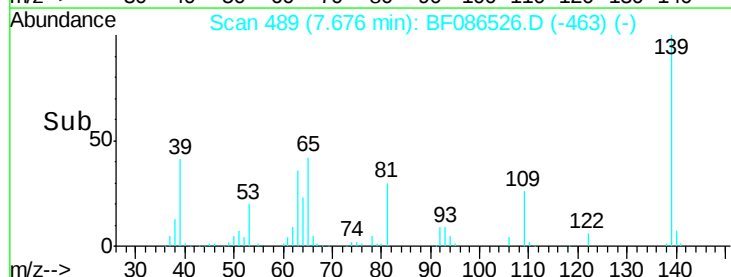
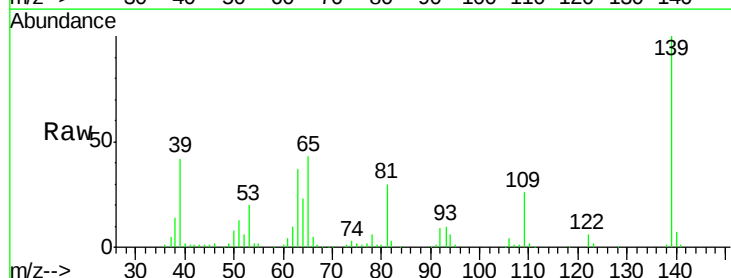
RT: 7.68 min Scan# 489

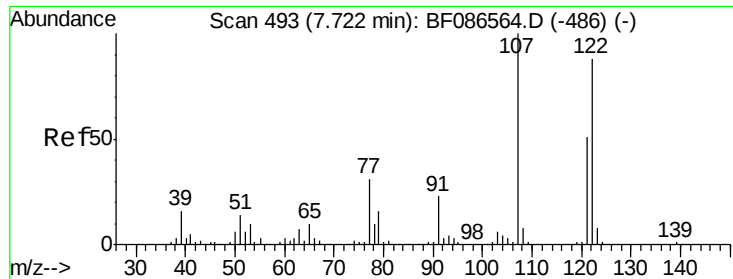
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	139	Resp:	222583
Ion Ratio	Lower	Upper	
139	100		
109	26.4	19.5	29.3
65	42.9	37.5	56.3





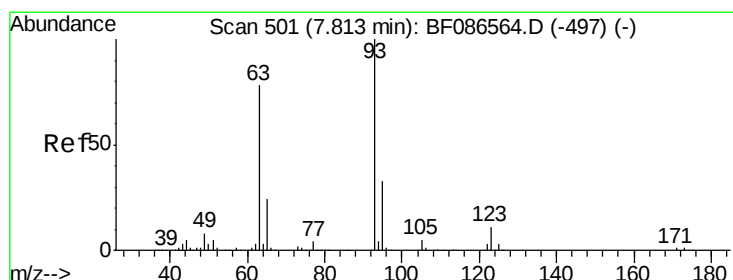
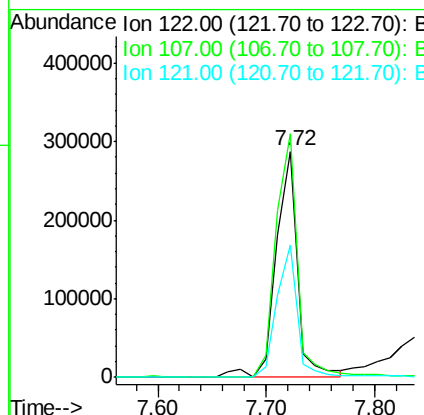
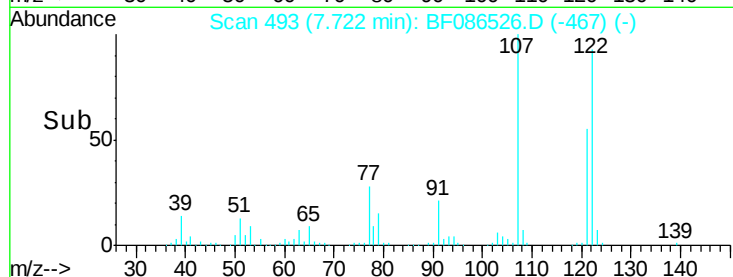
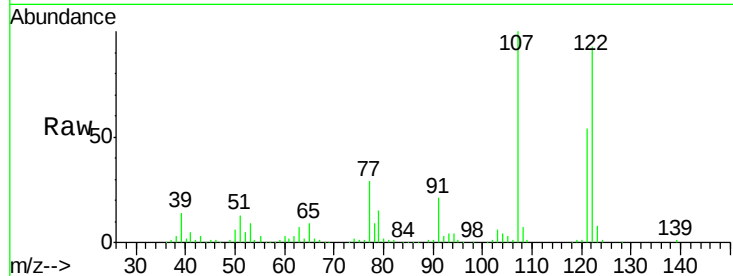
#27
2,4-Dimethylphenol
Concen: 42.06 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	393541		
107	107.6	82.0	123.0	
121	58.6	46.1	69.1	

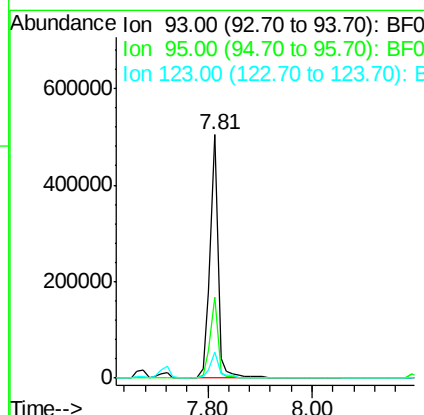
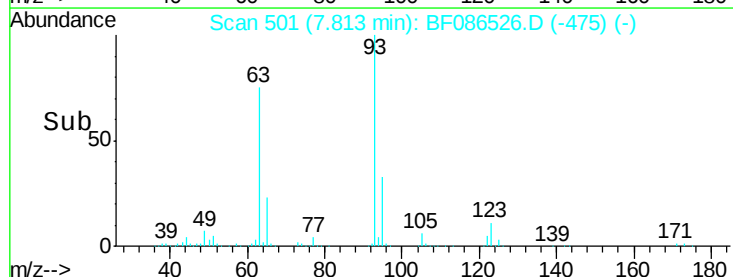
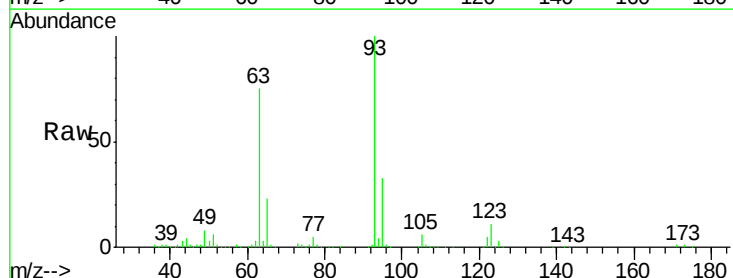
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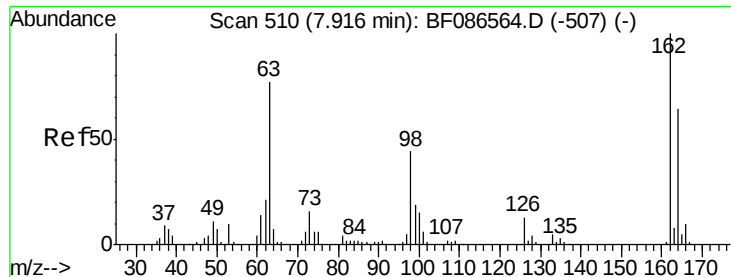
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#28
bis(2-Chloroethoxy)methane
Concen: 45.81 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540783		
95	33.2	26.0	39.0	
123	10.7	9.5	14.3	





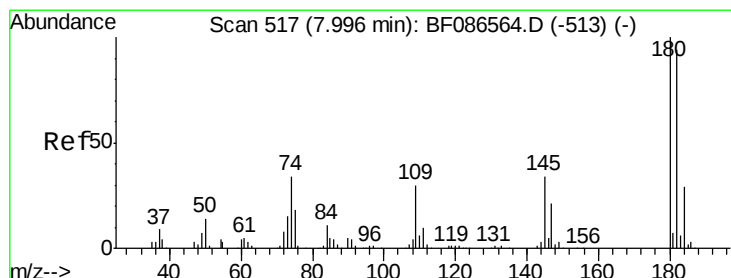
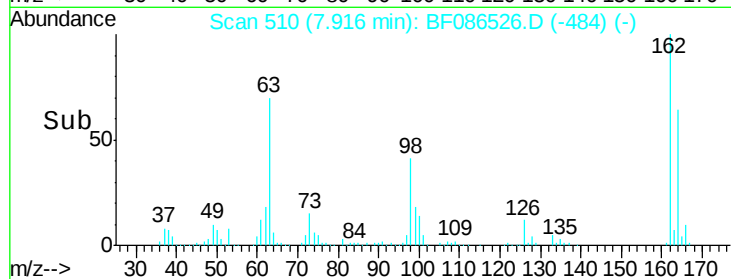
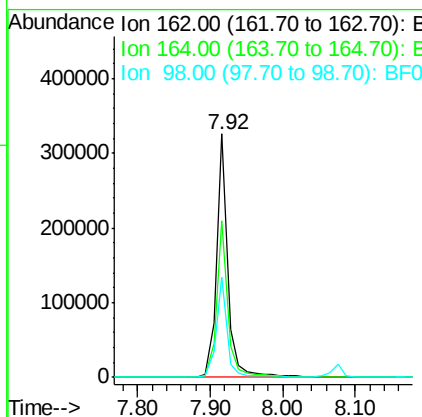
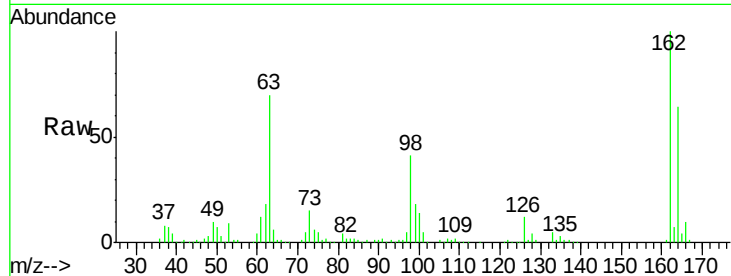
#29
 2,4-Dichlorophenol
 Concen: 44.63 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	352309		
164	64.2	42.2	82.2	
98	41.0	19.0	59.0	

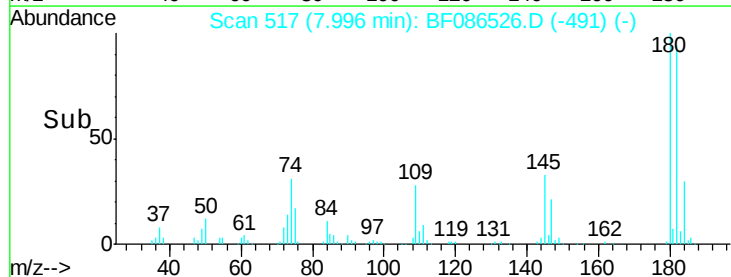
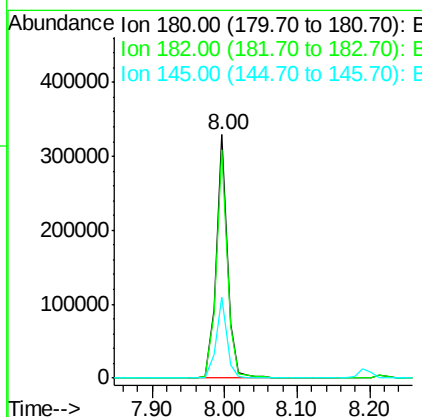
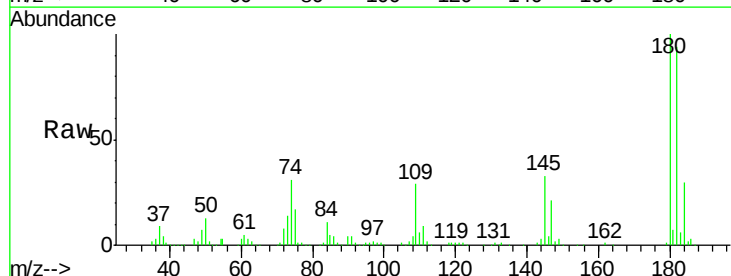
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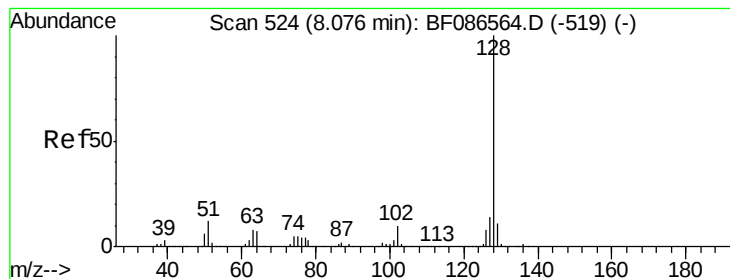
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.59 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	353418		
182	93.8	78.0	117.0	
145	33.3	24.2	36.2	





#31

Naphthalene

Concen: 39.19 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB90053BS

Tgt Ion:128 Resp: 1210169

Ion Ratio Lower Upper

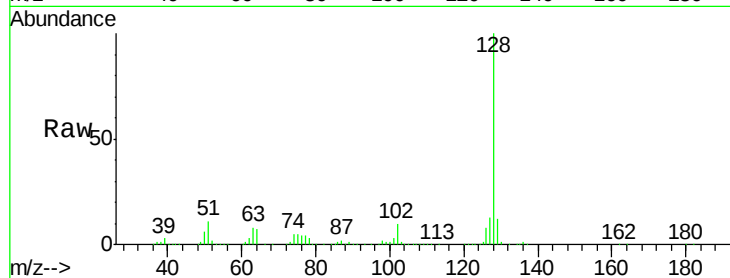
128 100

129 11.5 8.6 13.0

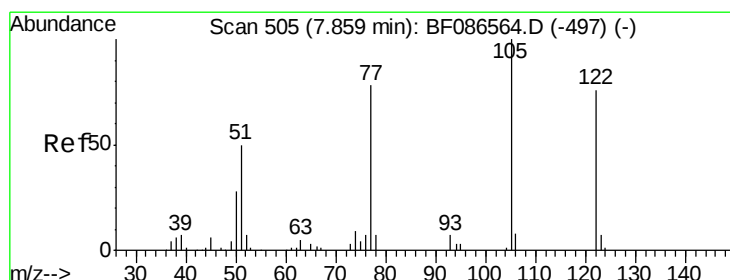
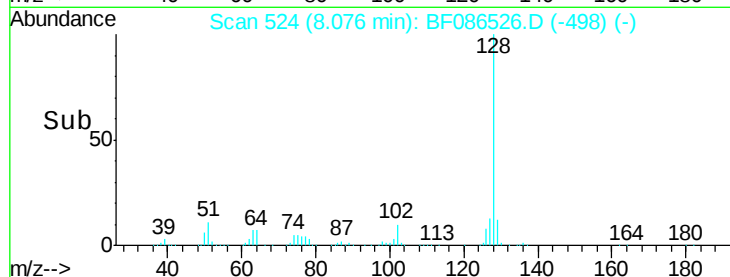
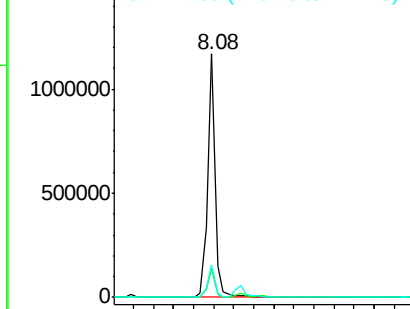
127 13.4 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.54 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

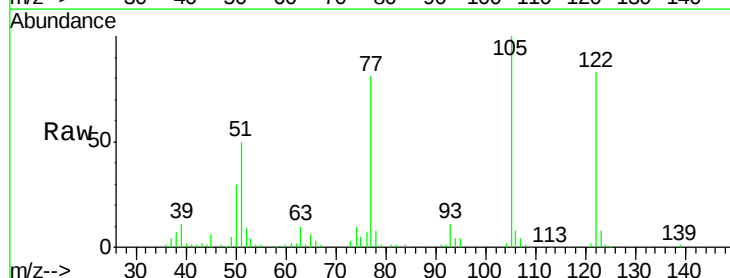
Tgt Ion:122 Resp: 171695

Ion Ratio Lower Upper

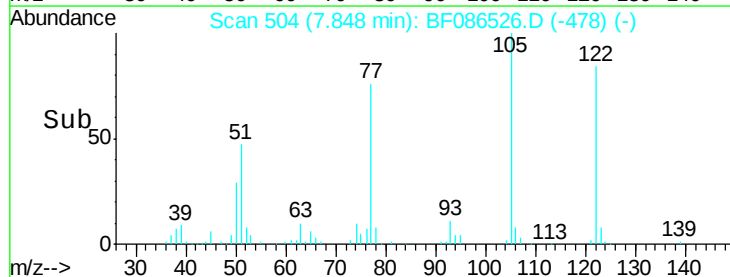
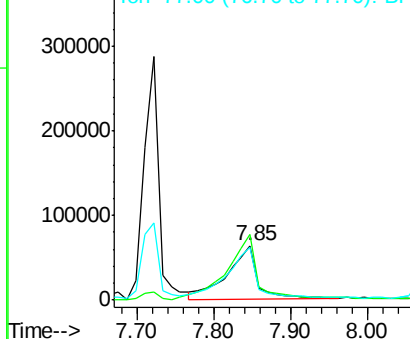
122 100

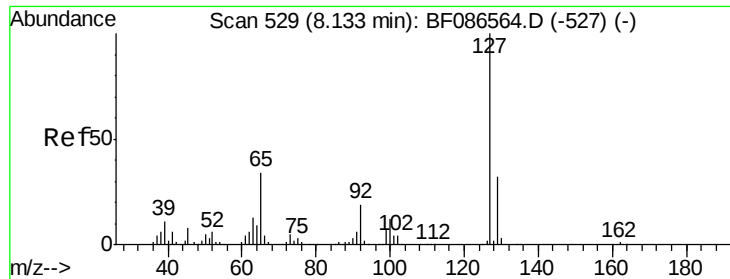
105 120.5 92.6 132.6

77 97.2 60.0 100.0



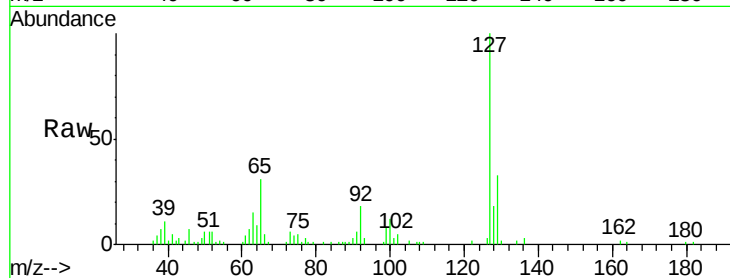
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 8.39 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

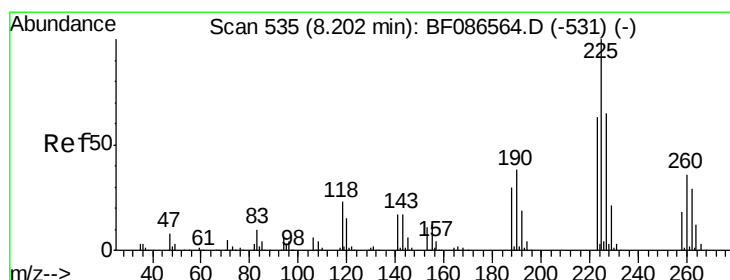
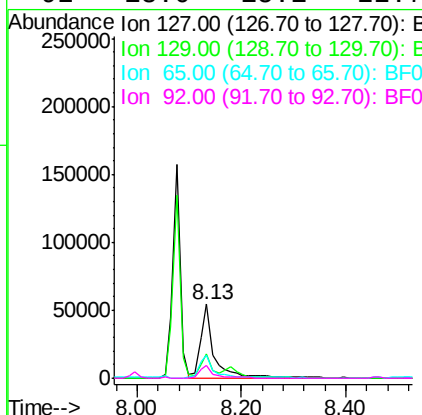
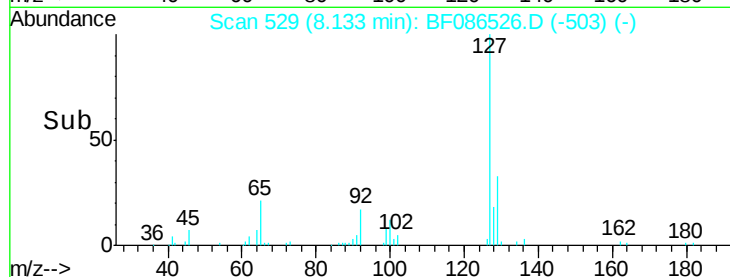
Instrument :
BNA_F
ClientSampleId :
PB90053BS



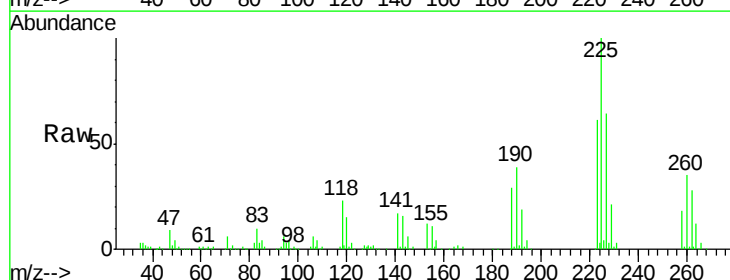
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	97073		
129	33.5	26.2	39.4	
65	30.7	23.0	34.4	
92	18.0	15.1	22.7	

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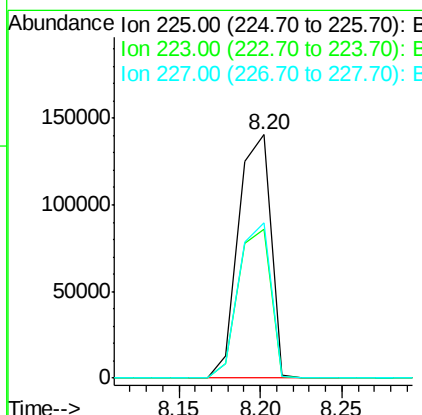
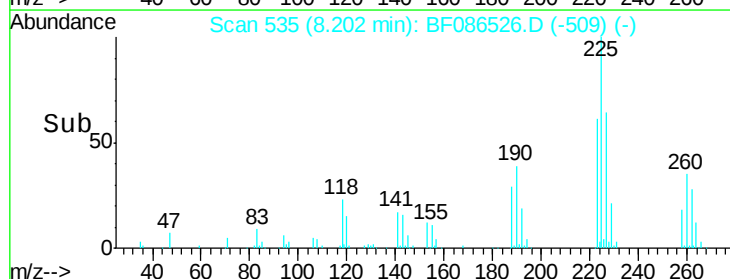
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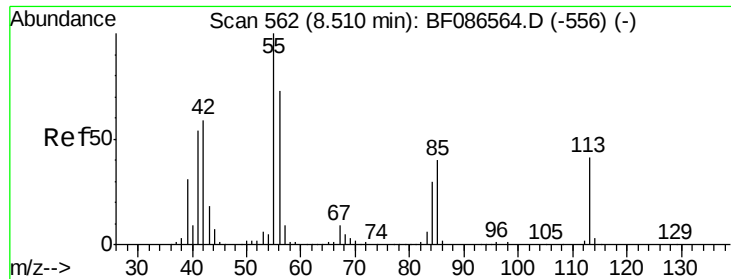


#34
Hexachlorobutadiene
Concen: 37.41 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192085		
223	61.3	51.5	77.3	
227	63.8	52.2	78.2	





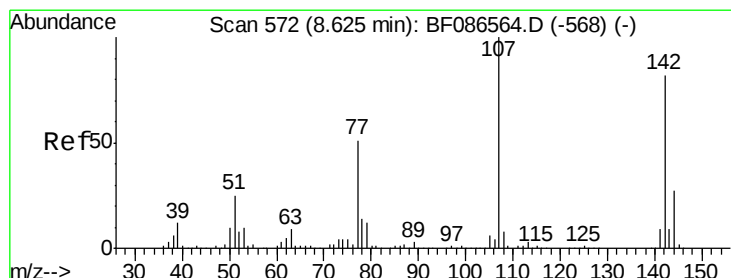
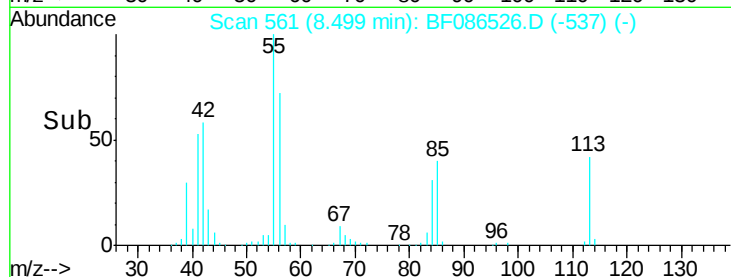
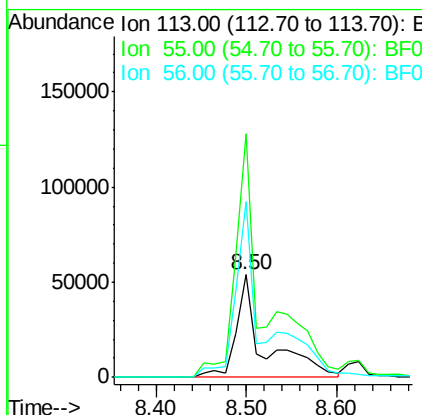
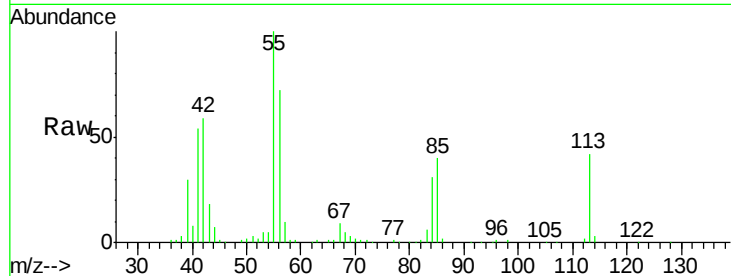
#35
Caprolactam
Concen: 44.09 ng m
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion:113 Resp: 116105
Ion Ratio Lower Upper
113 100
55 236.9 162.0 202.0#
56 171.2 115.3 155.3#

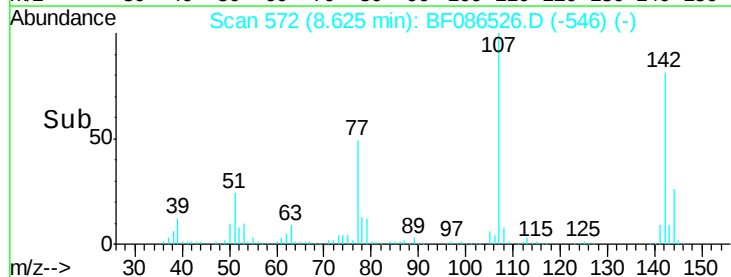
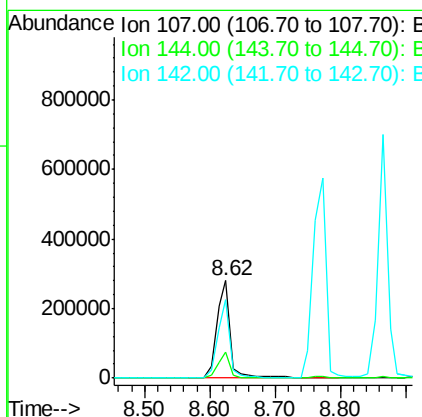
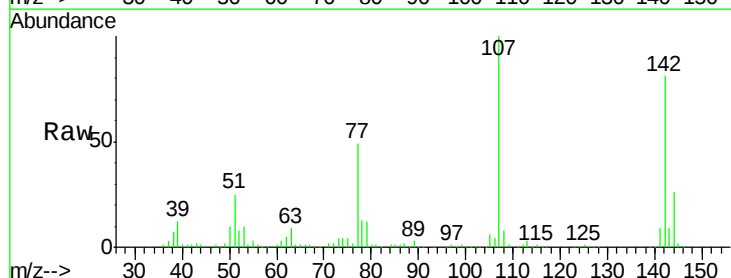
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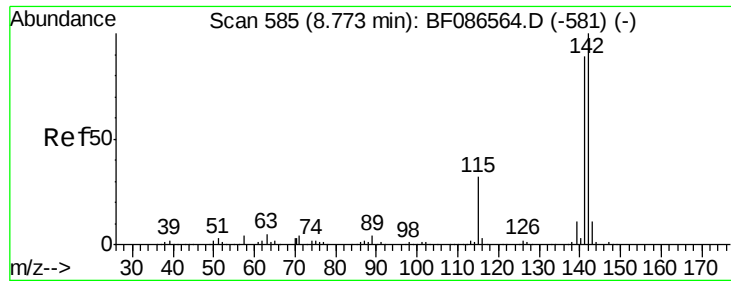
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#36
4-Chloro-3-methylphenol
Concen: 45.48 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:107 Resp: 411110
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 81.2 63.2 94.8





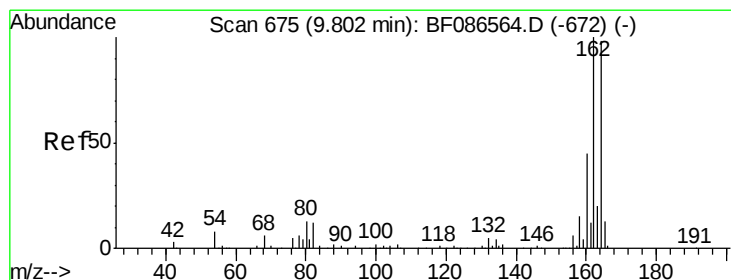
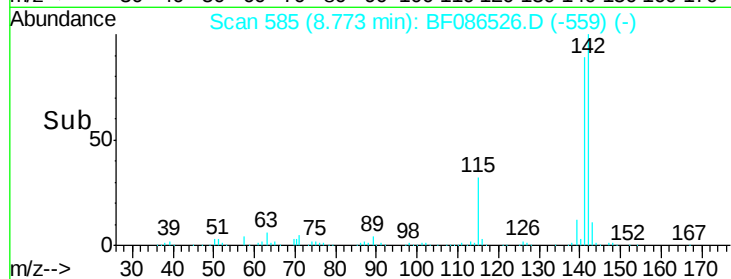
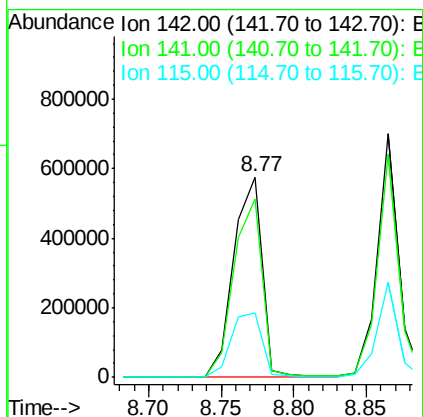
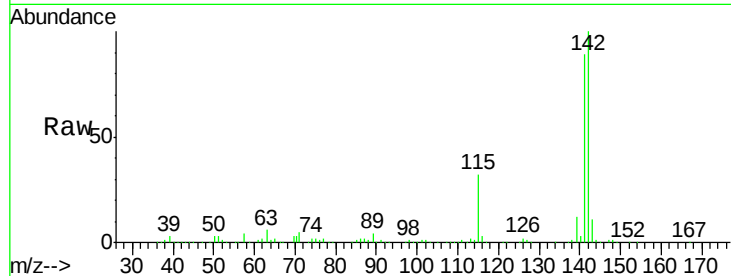
#37
2-Methylnaphthalene
Concen: 43.44 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	791519		
141	89.3	71.0	106.6	
115	32.2	26.6	39.8	

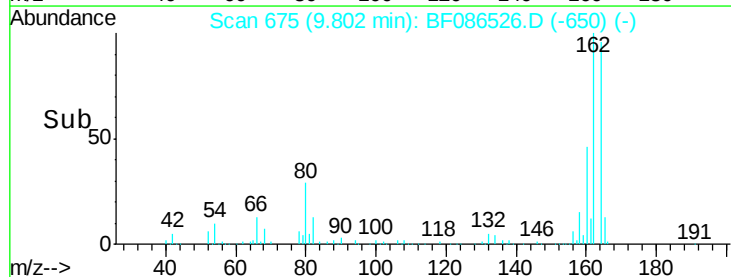
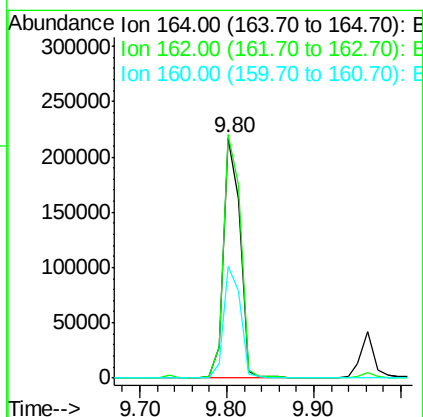
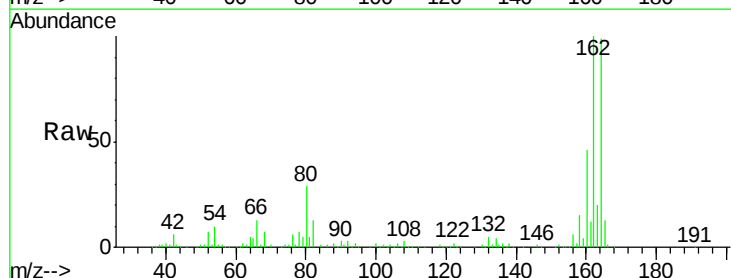
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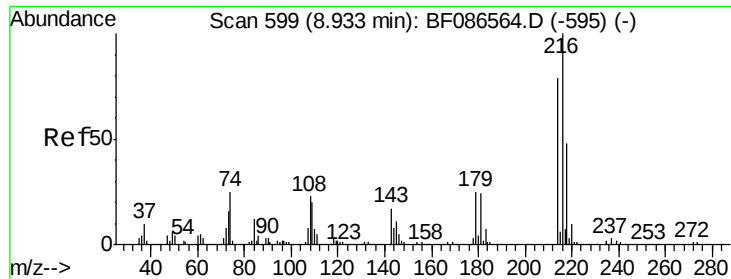
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	289845		
162	101.3	82.8	124.2	
160	46.4	36.9	55.3	





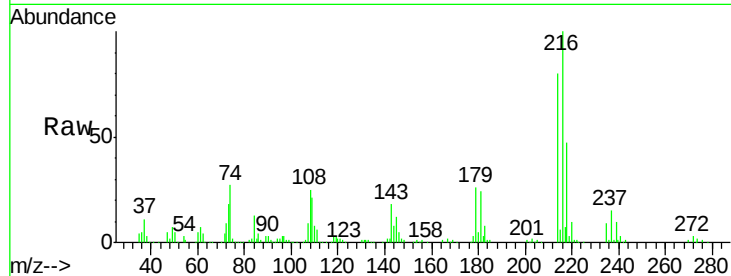
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.45 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

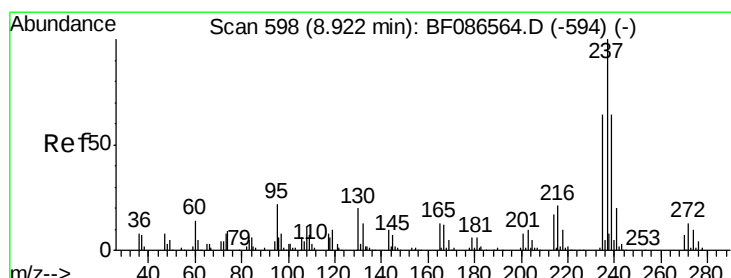
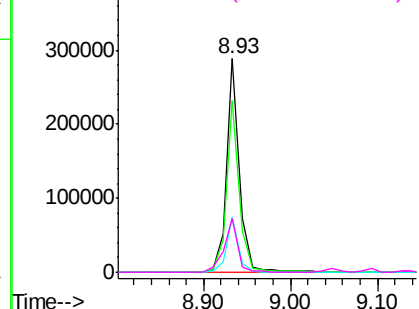
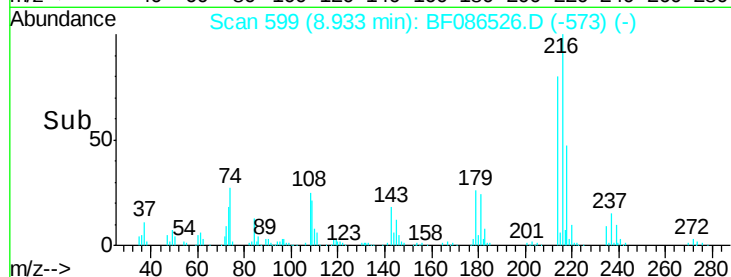
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	302397		
214	80.1	62.6	93.8	
179	24.0	18.2	27.4	
108	26.7	17.5	26.3	

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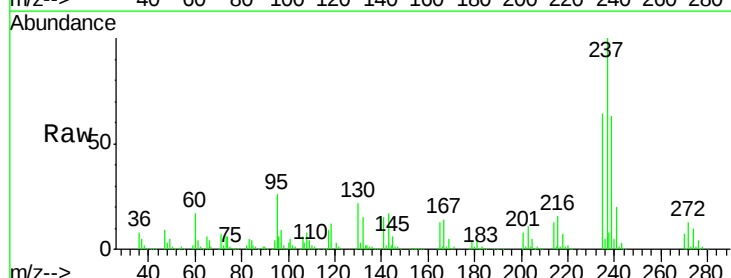


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

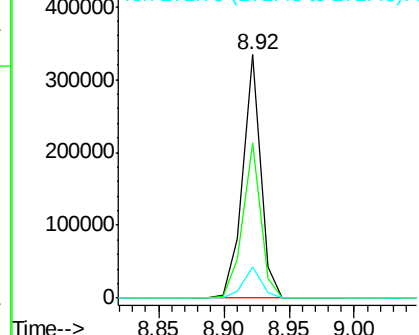
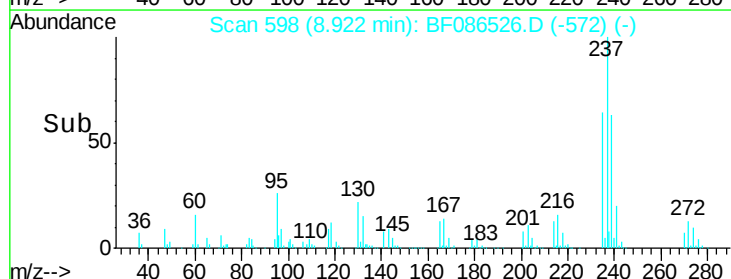


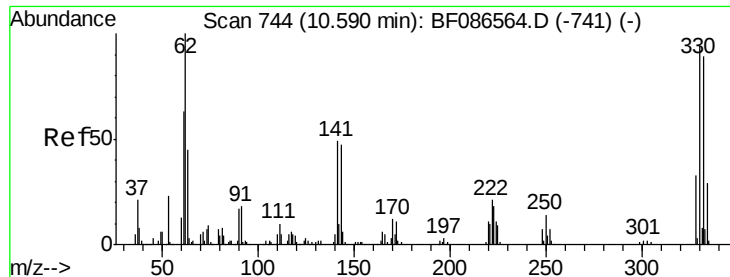
#40
 Hexachlorocyclopentadiene
 Concen: 77.00 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	317456		
235	63.7	47.2	87.2	
272	12.5	0.0	31.1	



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





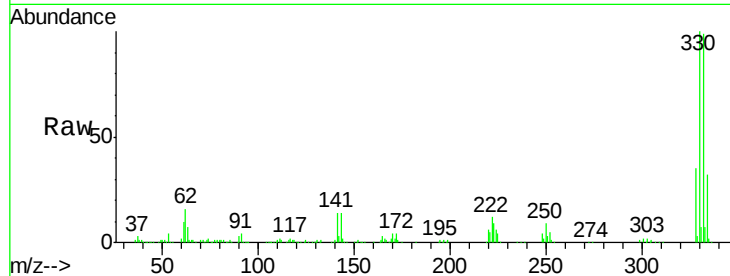
#41
 2,4,6-Tribromophenol
 Concen: 126.79 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

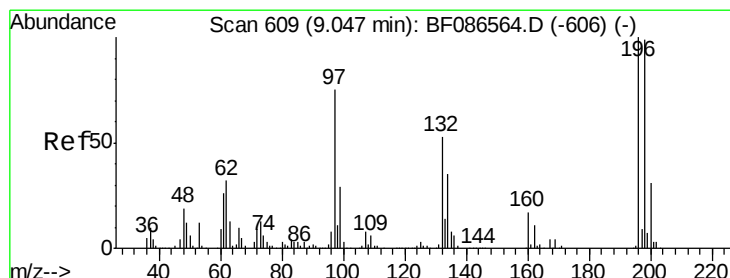
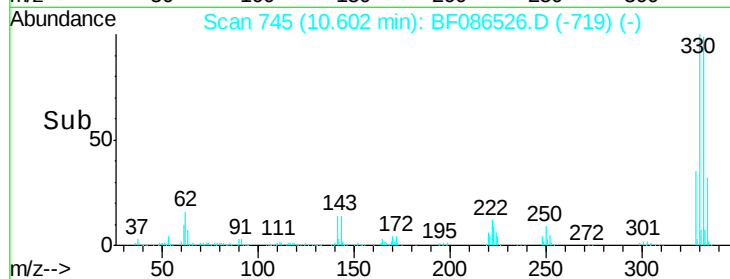
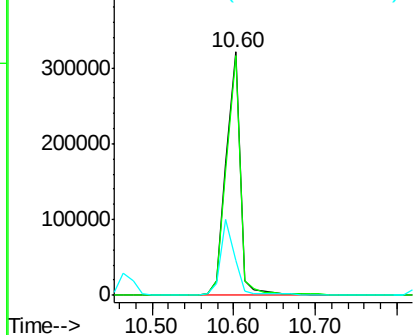
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	387548		
332	98.5	79.0	118.4	
141	30.4	31.2	46.8	

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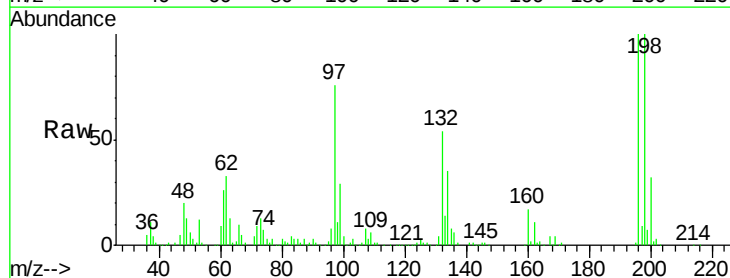


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

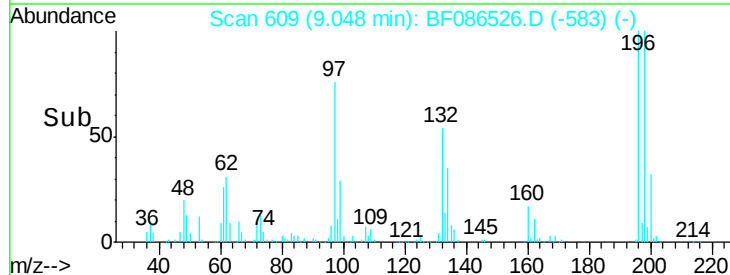
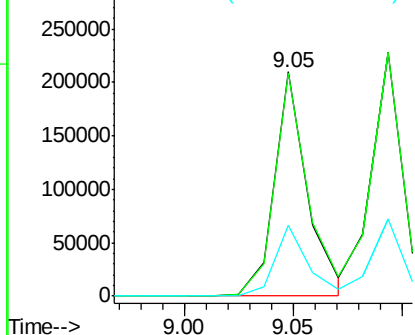


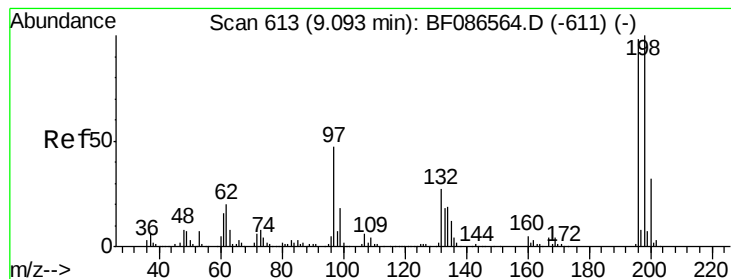
#42
 2,4,6-Trichlorophenol
 Concen: 42.57 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223263		
198	99.6	74.7	112.1	
200	31.8	23.8	35.6	



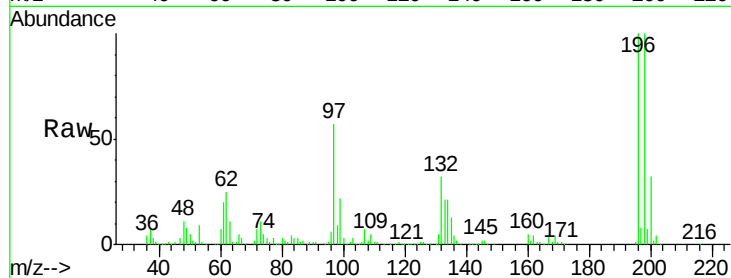
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 41.81 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

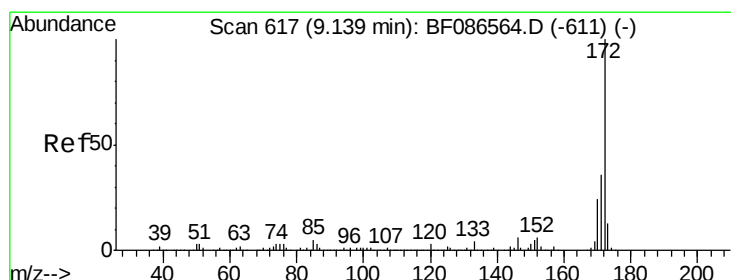
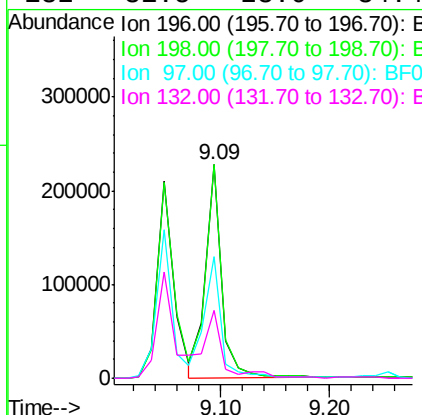
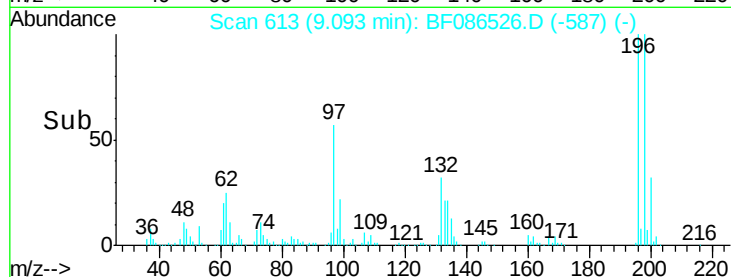
Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS



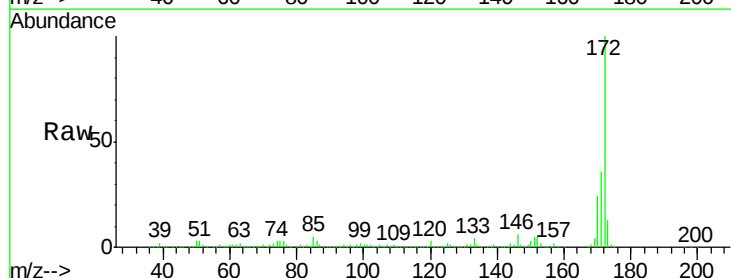
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238980		
198	99.9	77.5	116.3	
97	56.8	34.8	52.2	
132	31.5	23.0	34.4	

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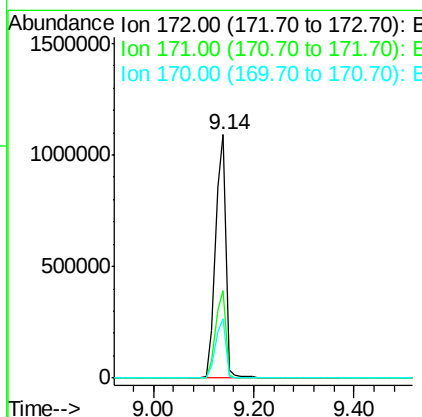
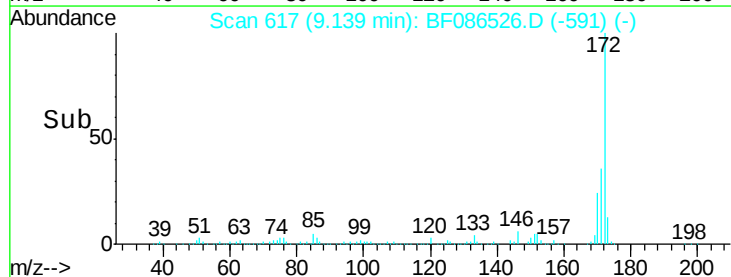
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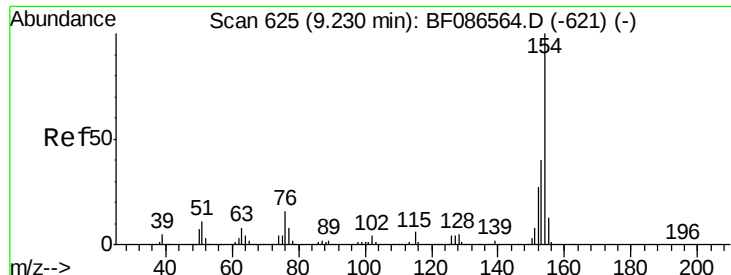


#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1549644		
171	36.0	29.0	43.6	
170	24.2	19.8	29.8	





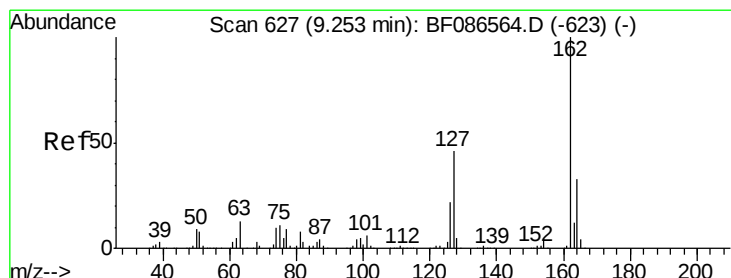
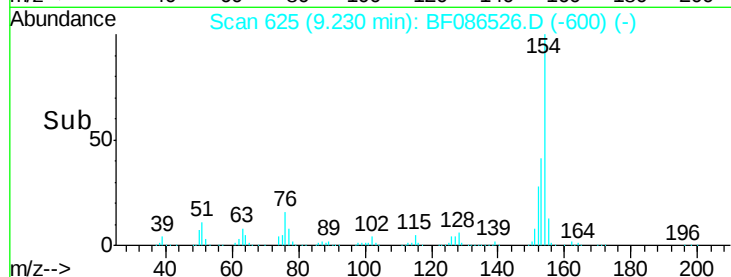
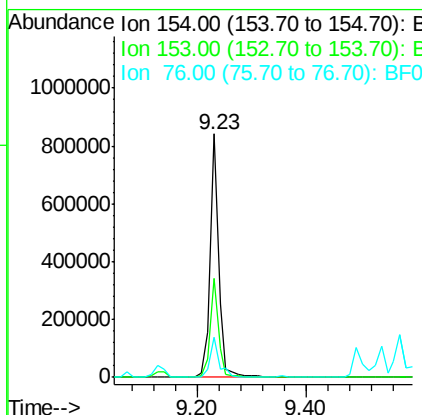
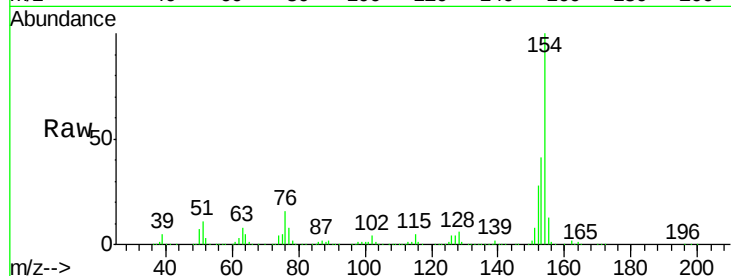
#45
 1,1'-Biphenyl
 Concen: 38.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB90053BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	16.2	0.0	30.2

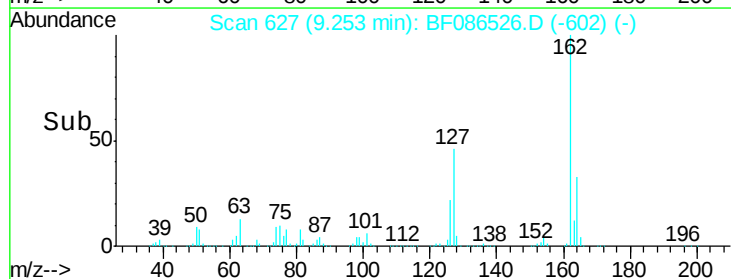
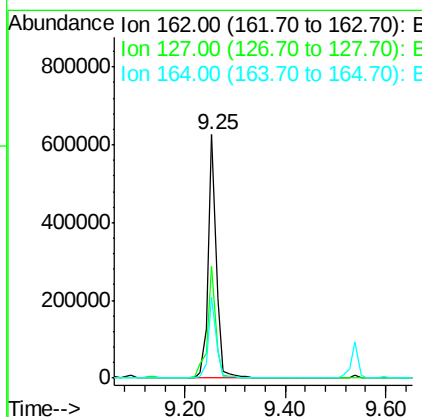
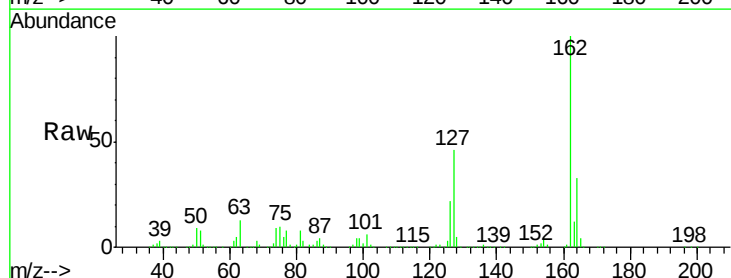
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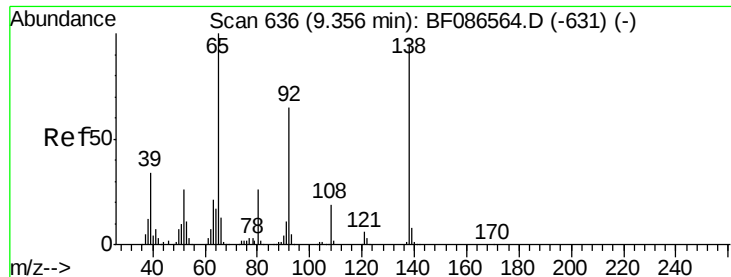
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#46
 2-Chloronaphthalene
 Concen: 38.39 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.0	31.8	47.6
164	33.3	27.0	40.6





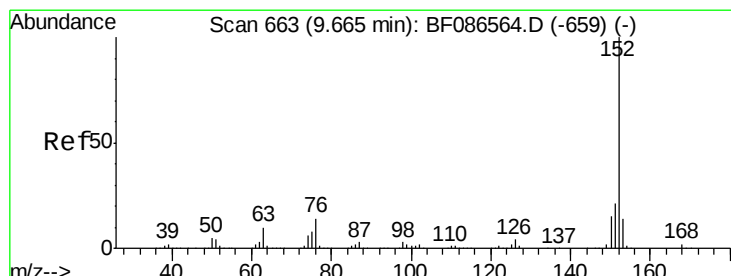
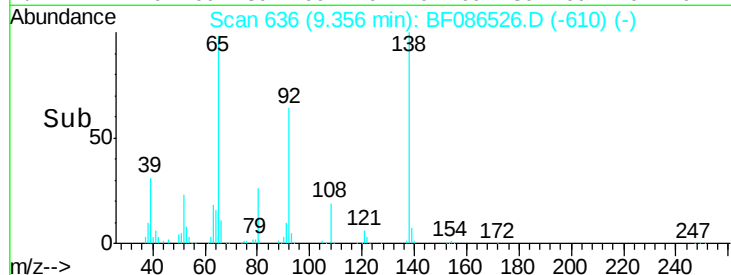
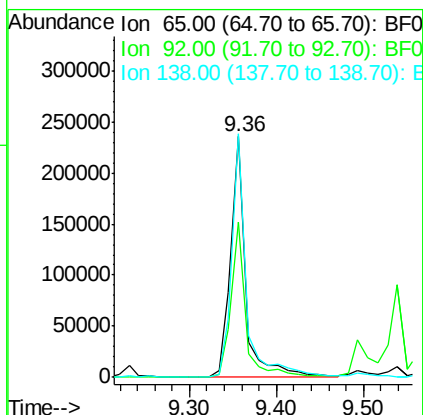
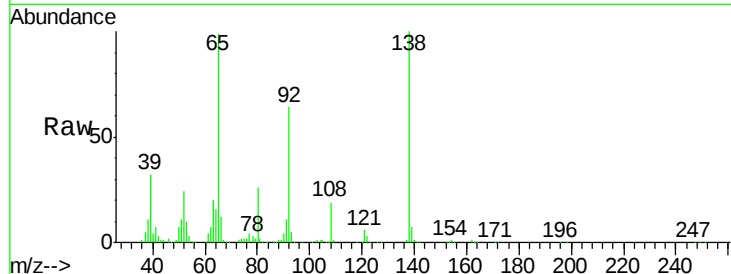
#47
 2-Nitroaniline
 Concen: 49.01 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	57.4	86.2
138	101.1	90.1	135.1

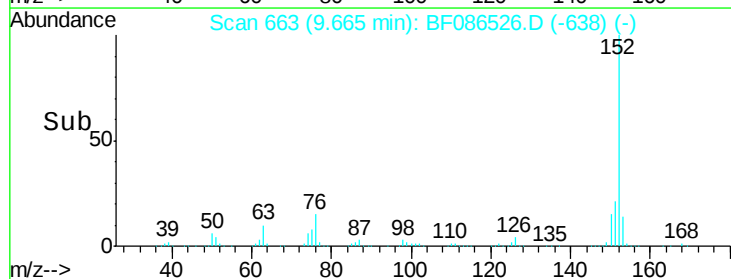
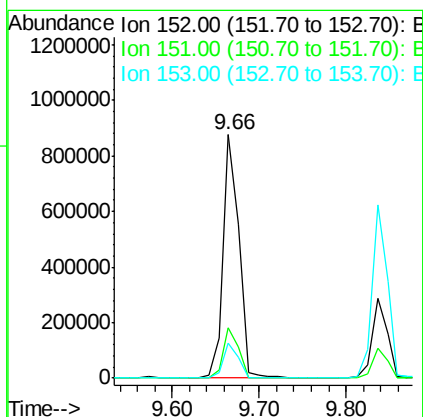
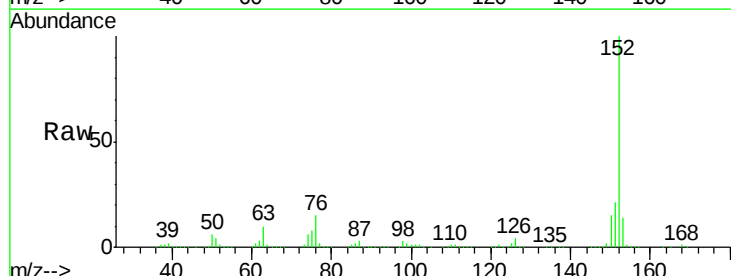
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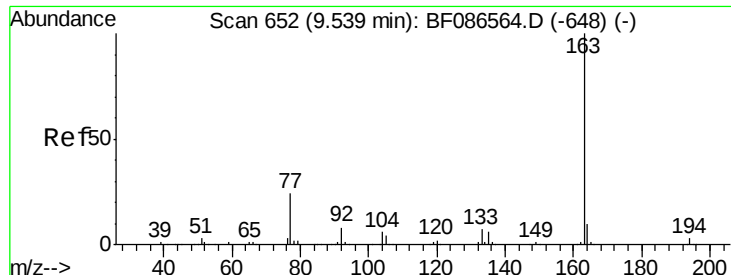
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#48
 Acenaphthylene
 Concen: 38.95 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.4	10.9	16.3





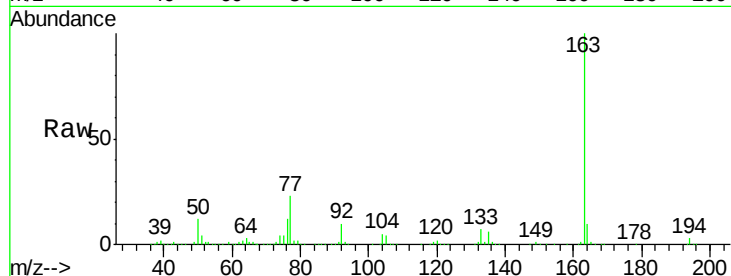
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

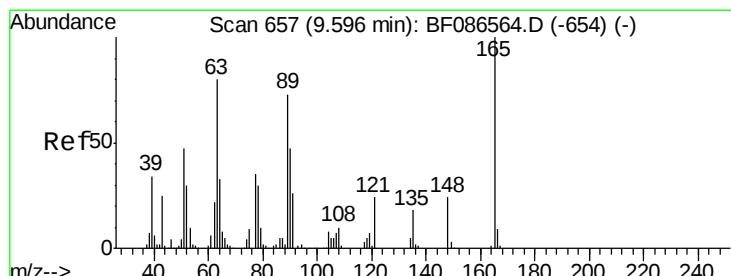
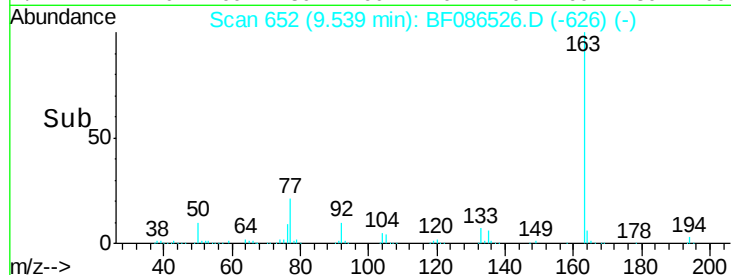
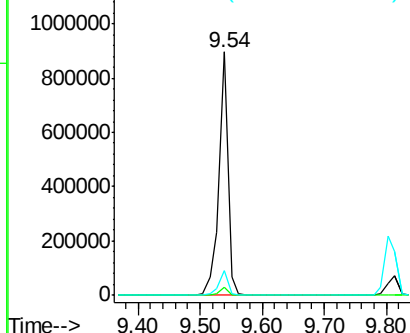
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	887886		
194	3.2	2.6	4.0	
164	10.4	8.2	12.4	

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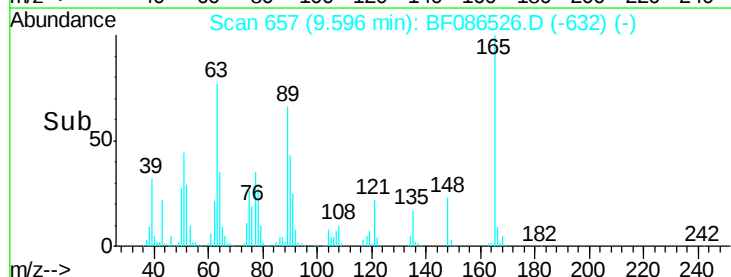
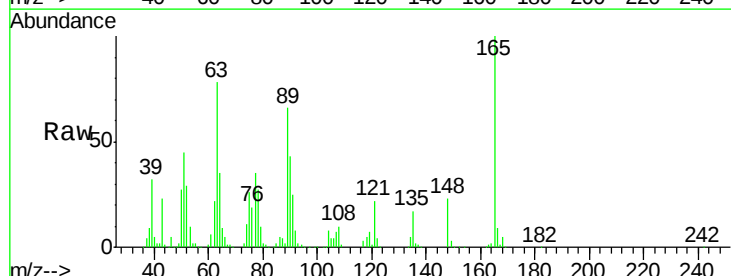
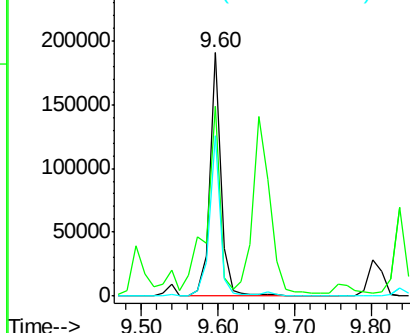
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

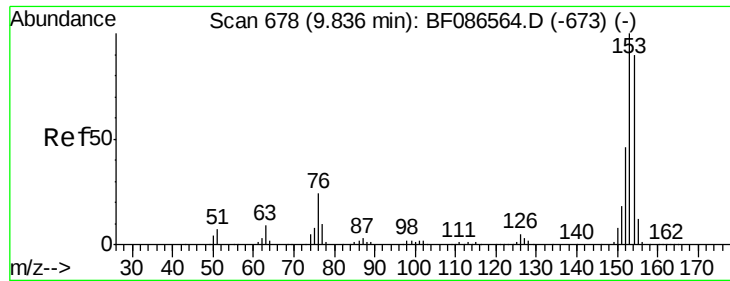


#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190450		
63	77.8	51.8	77.8#	
89	65.7	50.7	76.1	

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





#51

Acenaphthene

Concen: 41.57 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086526.D

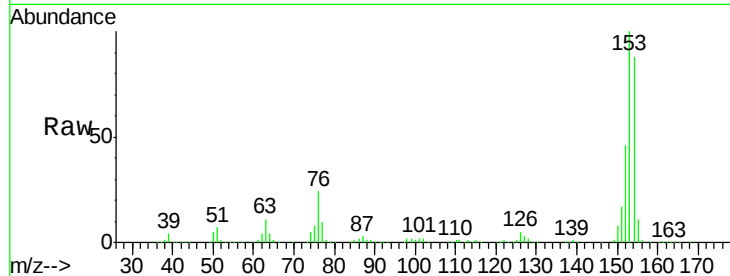
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

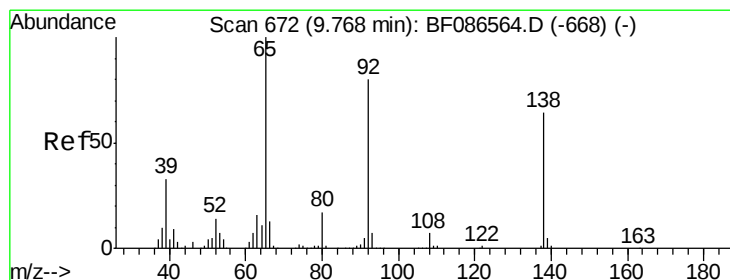
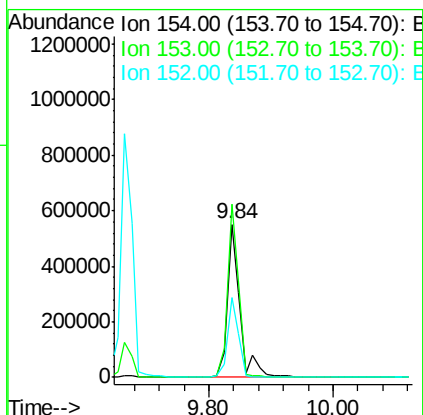
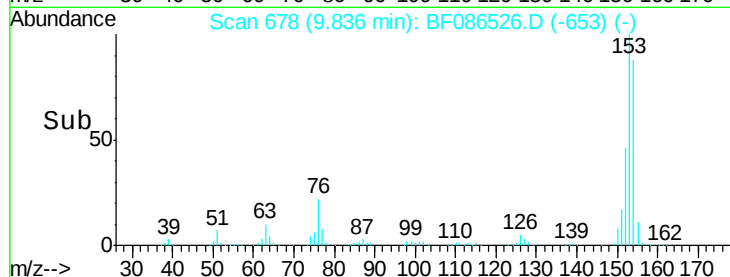
PB90053BS



Tgt Ion:	154	Resp:	768838
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.5	43.4	65.0

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#52

3-Nitroaniline

Concen: 13.86 ng

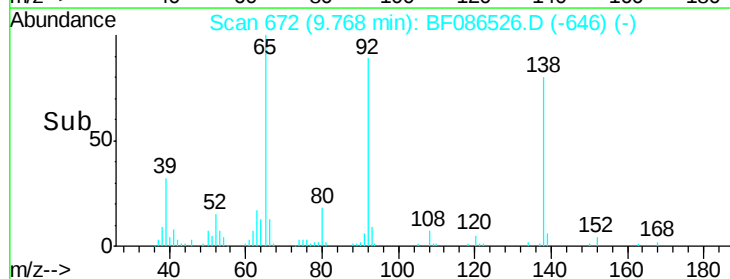
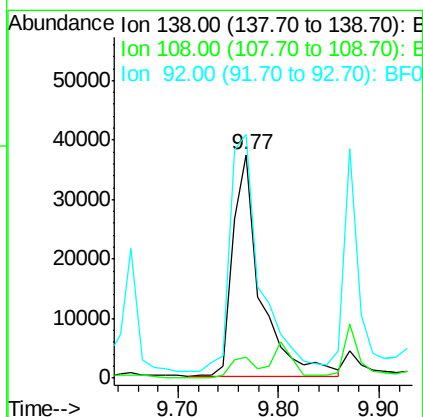
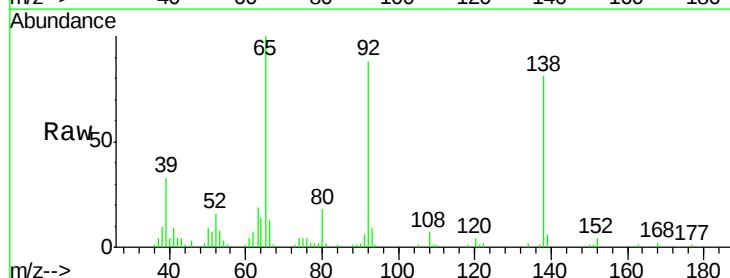
RT: 9.77 min Scan# 672

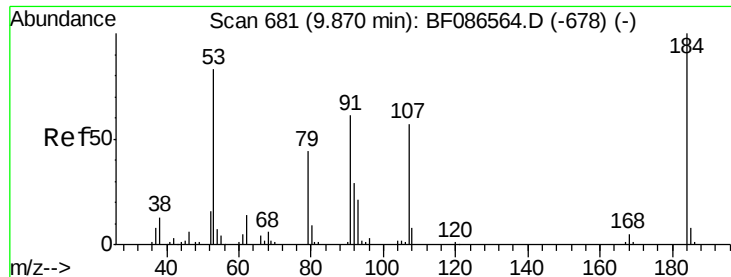
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	138	Resp:	71053
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	108.9	87.8	131.8





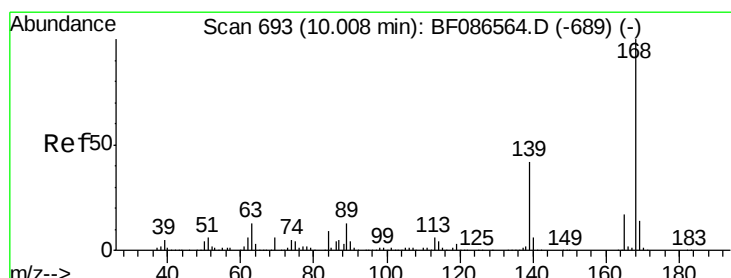
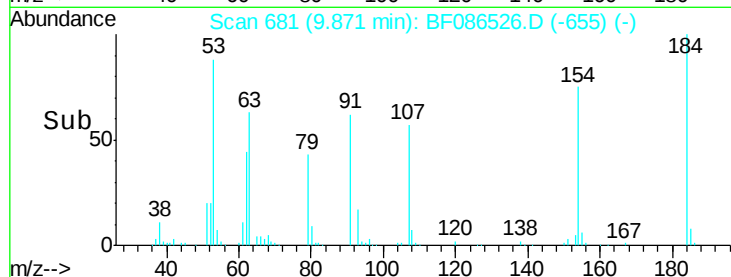
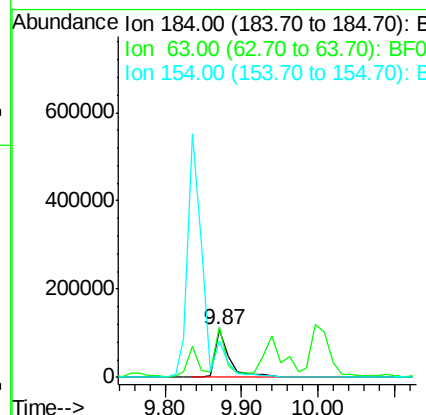
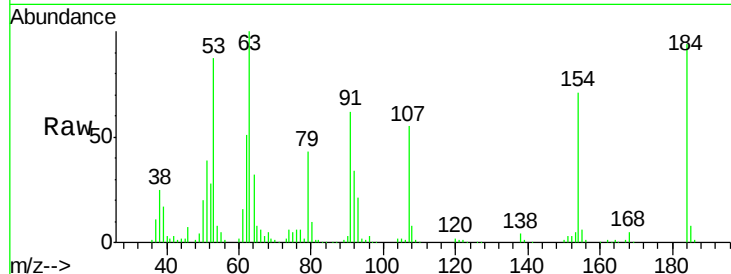
#53
2,4-Dinitrophenol
Concen: 60.22 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	143153		
63	106.4	55.8	83.8#	
154	75.5	62.4	93.6	

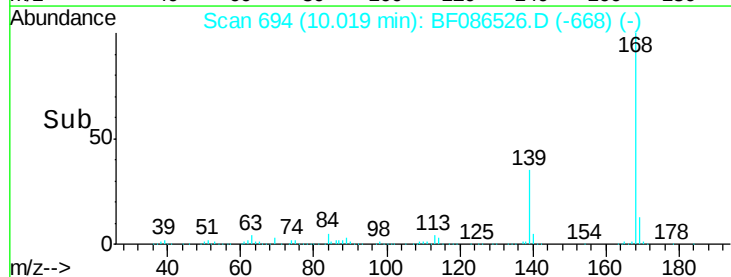
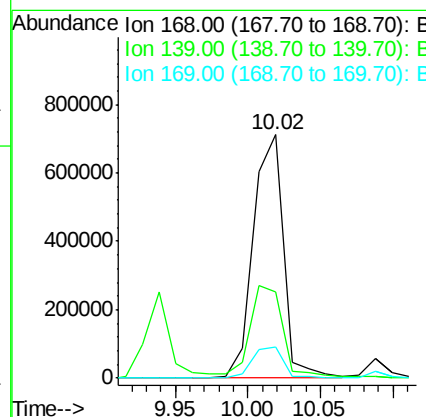
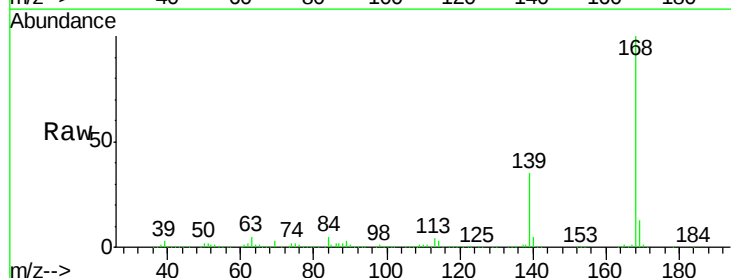
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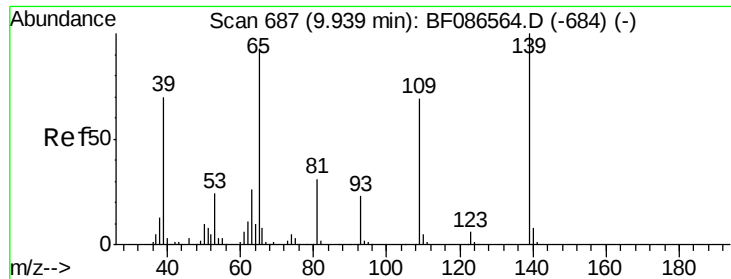
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#54
Dibenzofuran
Concen: 44.46 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1027753		
139	35.3	31.4	47.0	
169	12.8	10.7	16.1	





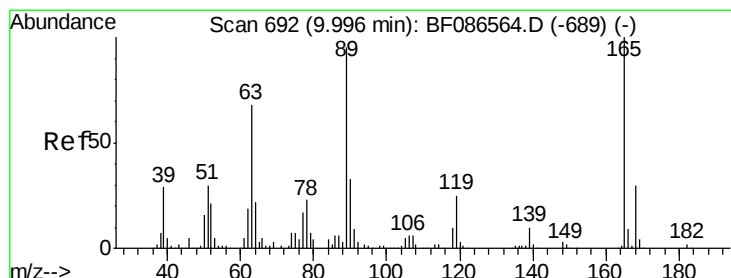
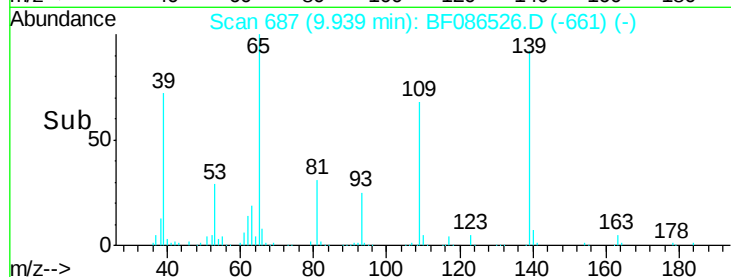
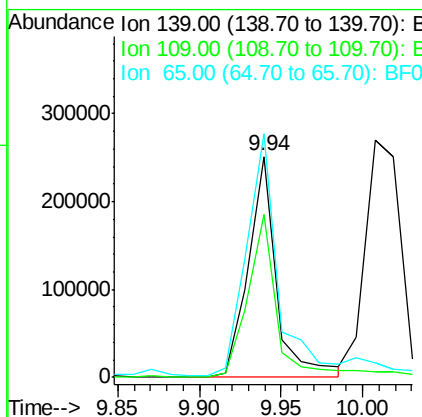
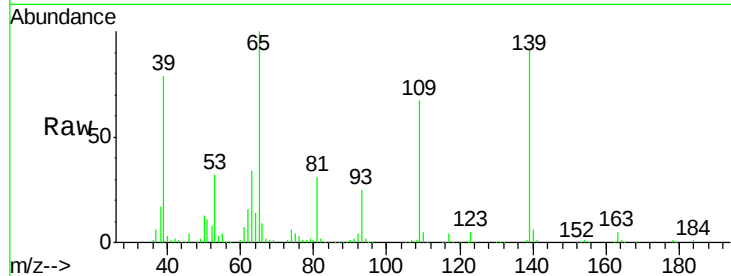
#55
4-Nitrophenol
Concen: 90.33 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	303213		
109	73.9	36.9	76.9	
65	110.1	64.0	104.0	

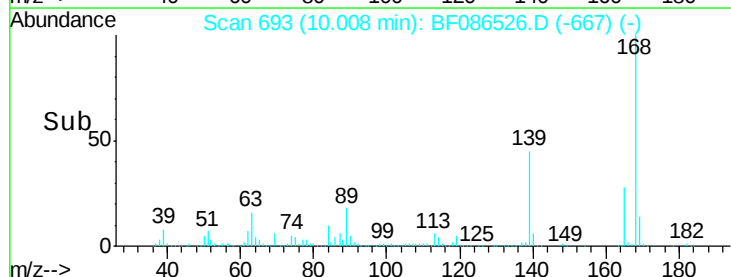
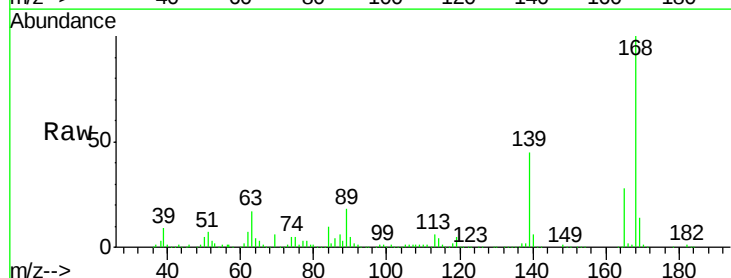
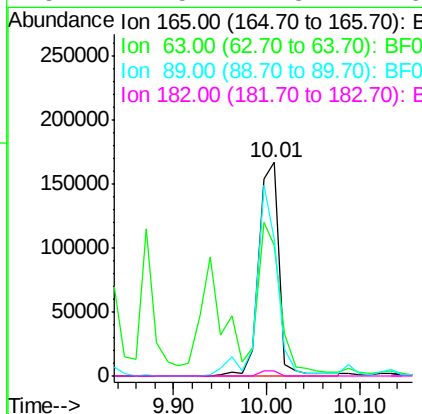
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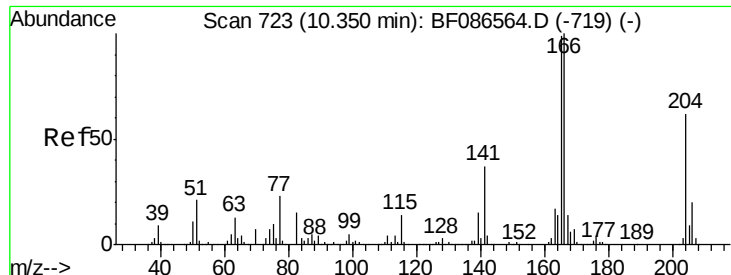
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#56
2,4-Dinitrotoluene
Concen: 43.93 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	252459		
63	61.1	44.3	66.5	
89	63.9	70.0	105.0	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 35.93 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086526.D

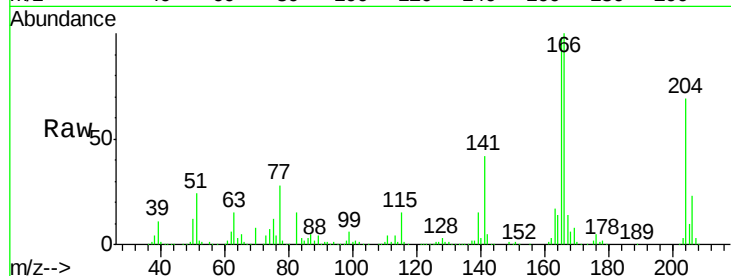
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

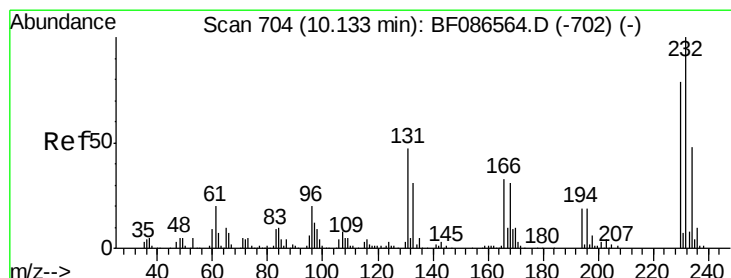
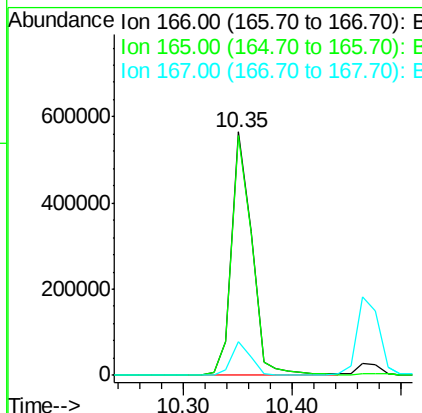
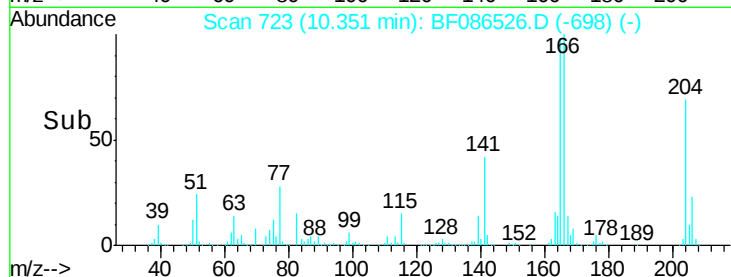
PB90053BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	721103		
165	98.4	79.0	118.6	
167	13.9	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

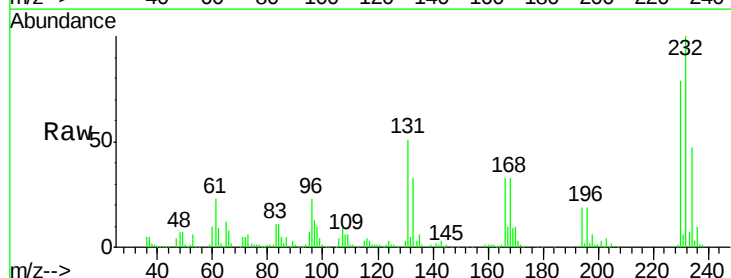
Concen: 47.42 ng

RT: 10.13 min Scan# 704

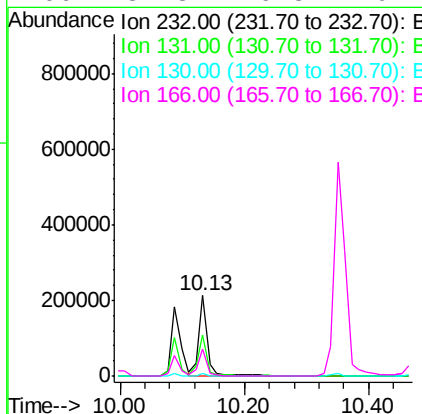
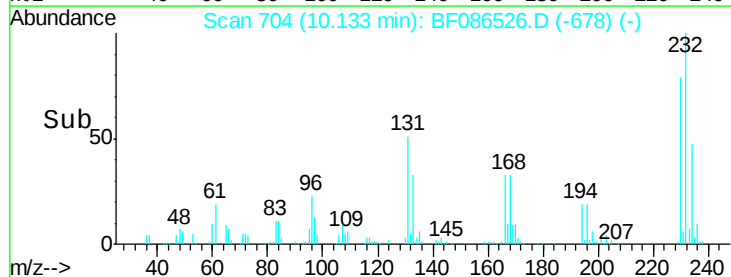
Delta R.T. 0.00 min

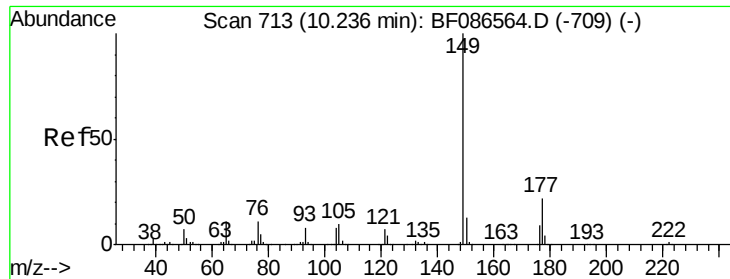
Lab File: BF086526.D

Acq: 30 Apr 2016 16:24



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211937		
131	51.2	41.9	62.9	
130	2.5	2.2	3.4	
166	31.3	26.8	40.2	





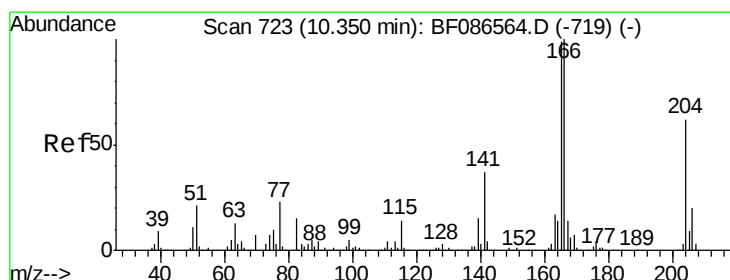
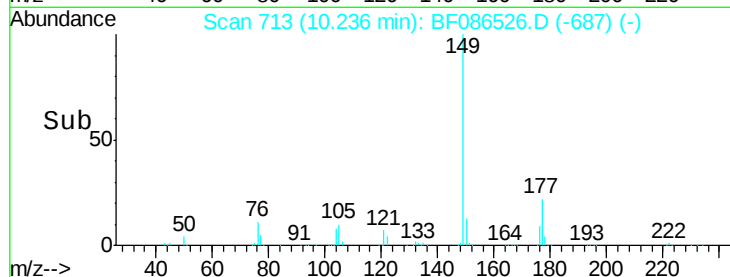
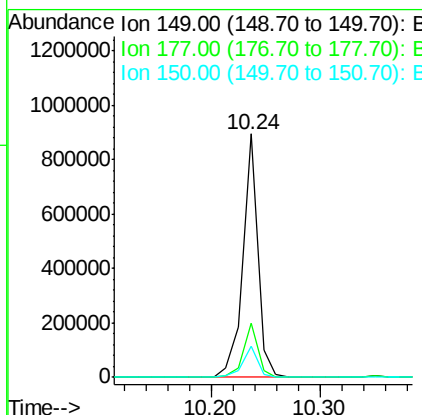
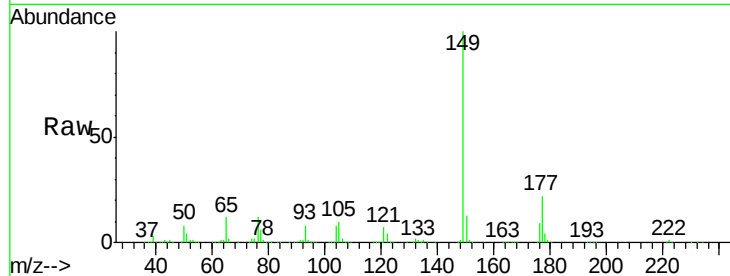
#59
Diethylphthalate
Concen: 41.01 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	847140		
177	22.2	16.6	24.8	
150	12.8	10.0	15.0	

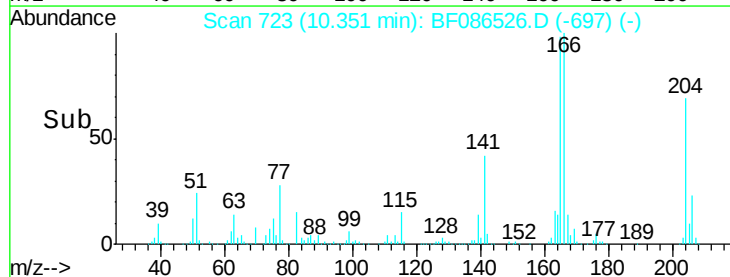
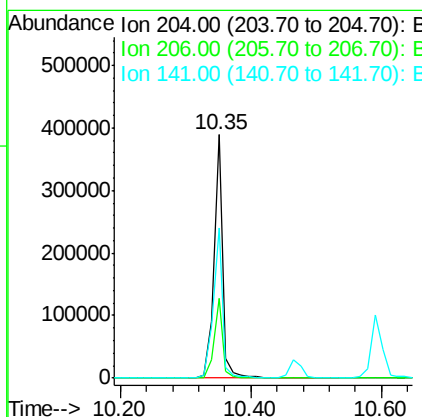
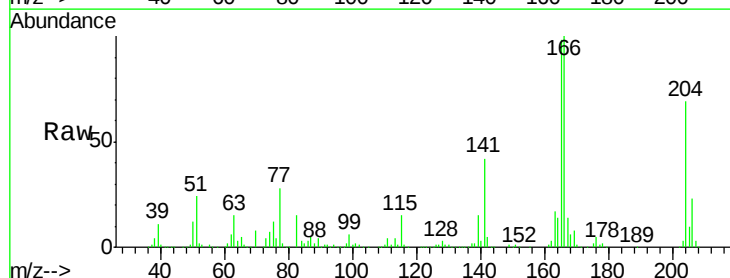
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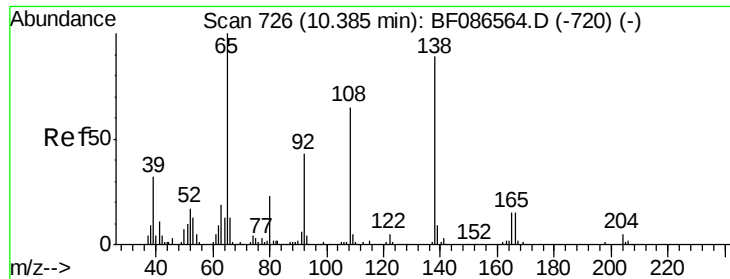
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#60
4-Chlorophenyl-phenylether
Concen: 40.83 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	372031		
206	32.9	25.4	38.0	
141	61.5	61.6	92.4#	





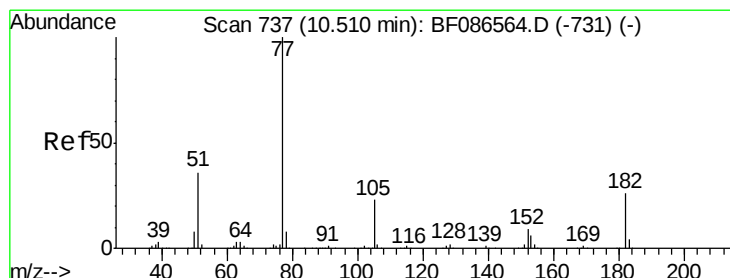
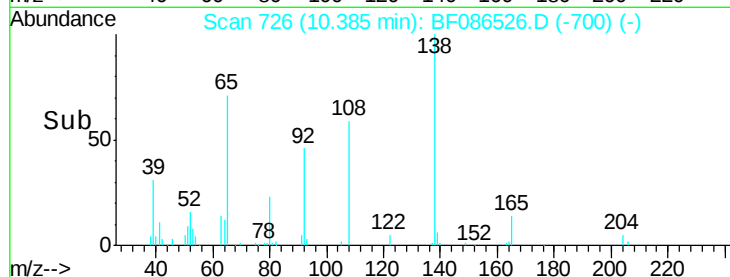
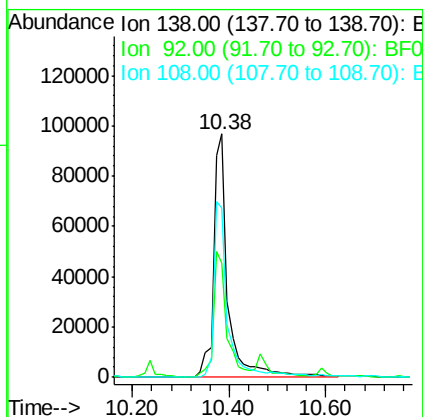
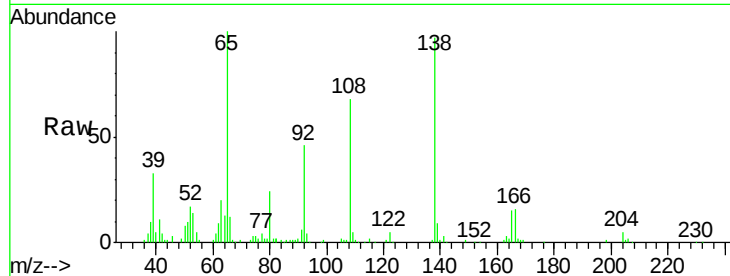
#61
4-Nitroaniline
Concen: 40.91 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

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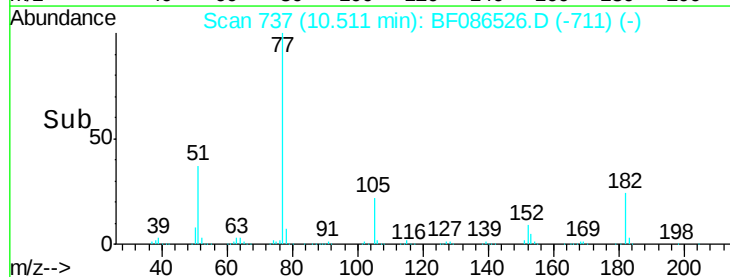
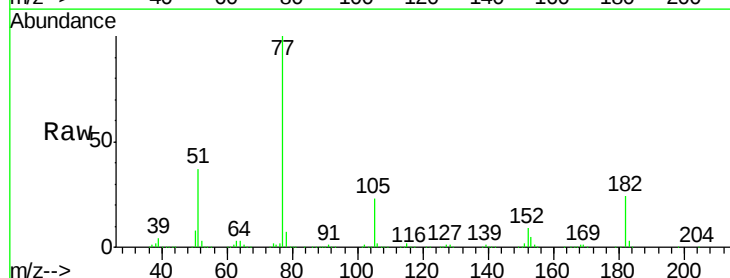
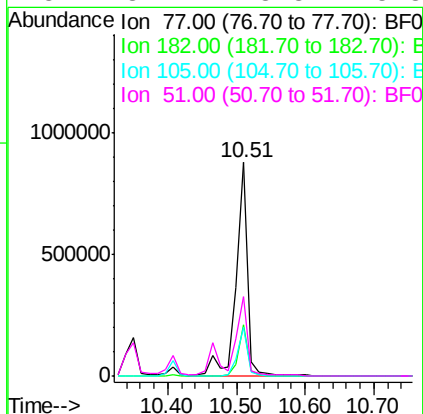
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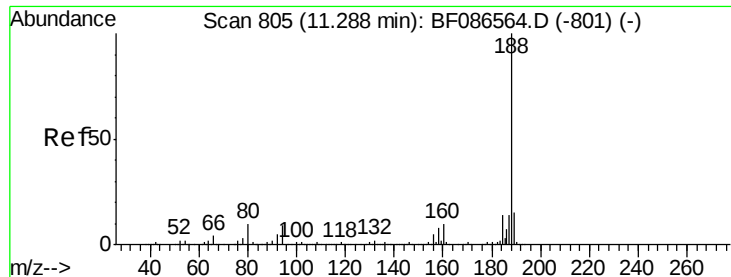
Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.7	64.7
108	69.8	37.4	77.4



#62
Azobenzene
Concen: 45.40 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.0	38.8
105	22.6	3.2	43.2
51	37.4	8.8	48.8





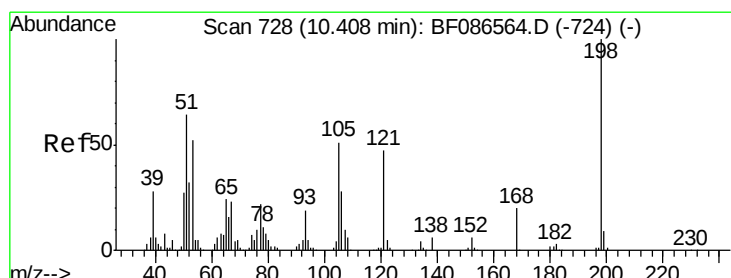
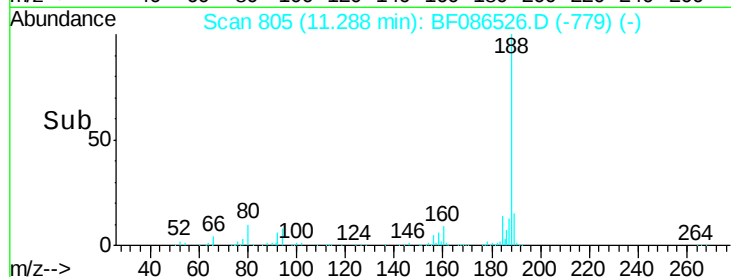
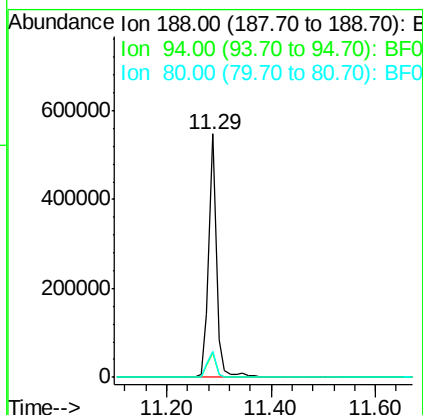
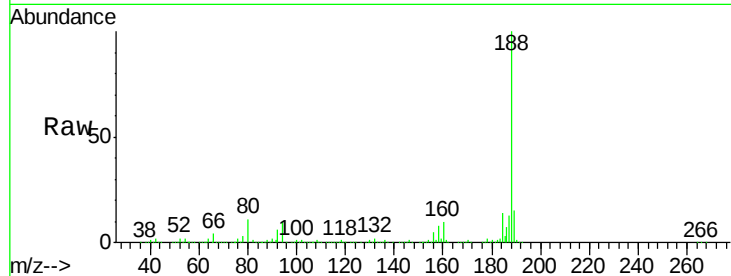
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	572778		
94	10.3		6.8	10.2#
80	10.8		7.1	10.7#

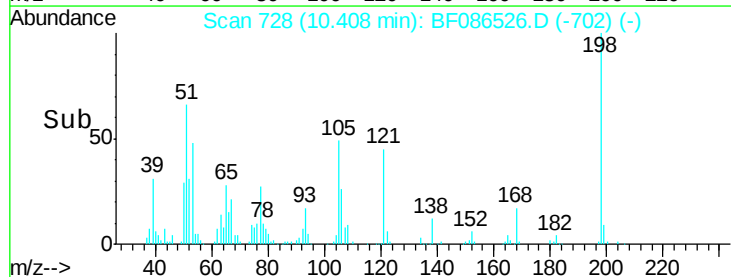
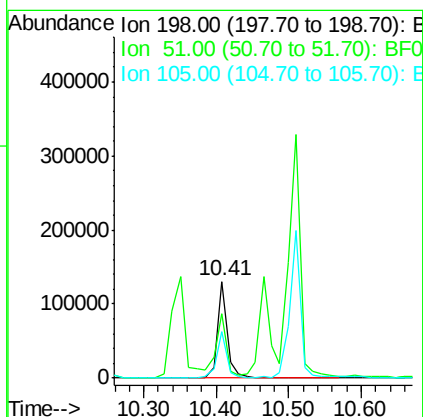
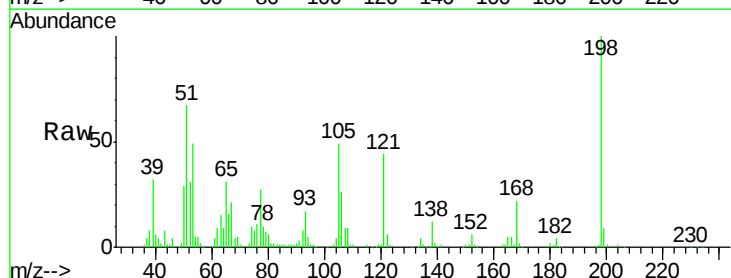
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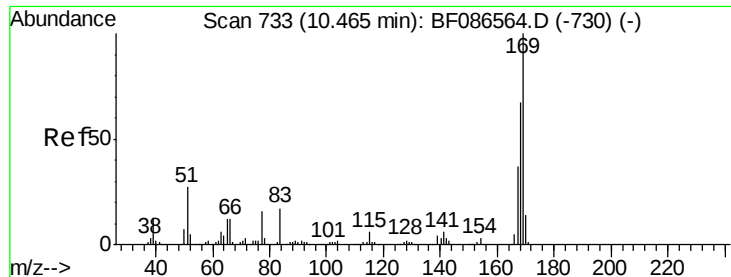
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.25 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125271		
51	66.6		20.5	60.5#
105	48.6		24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.10 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB90053BS

Tgt Ion:169 Resp: 699977
Ion Ratio Lower Upper

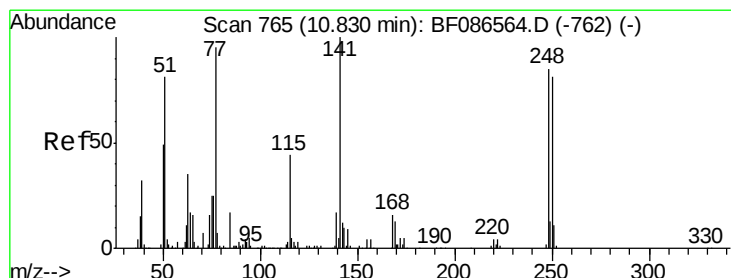
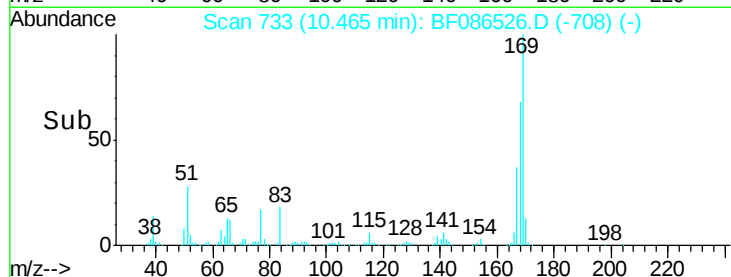
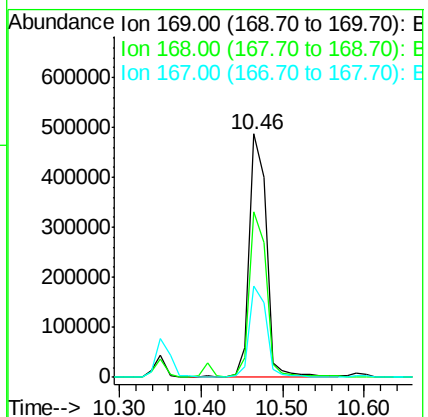
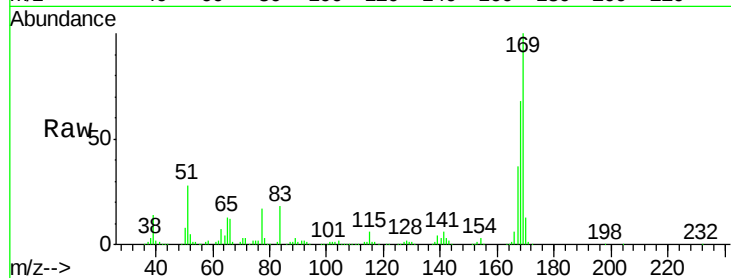
169 100

168 68.2 53.8 80.6

167 37.3 29.5 44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.43 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086526.D

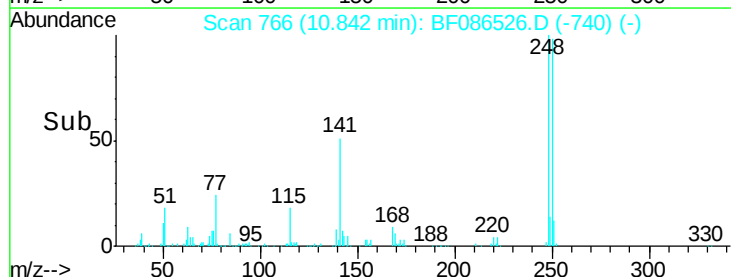
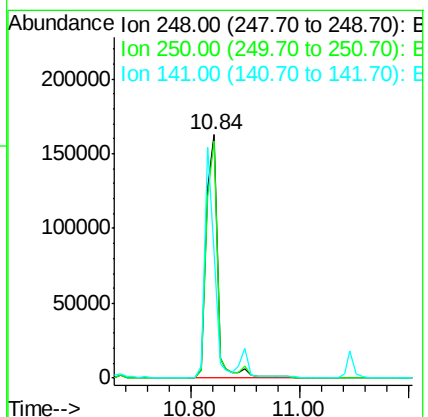
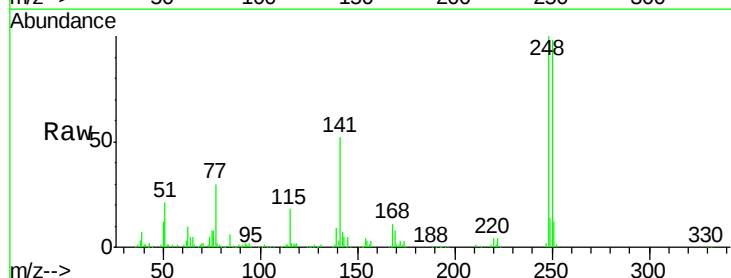
Acq: 30 Apr 2016 16:24

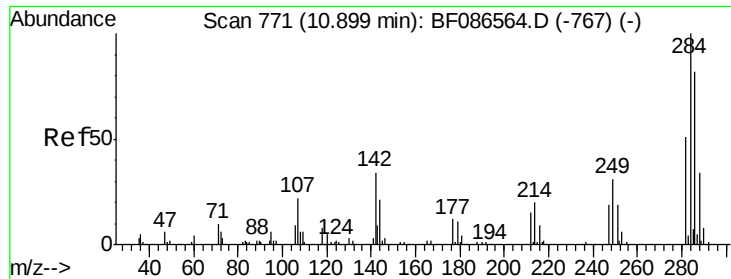
Tgt Ion:248 Resp: 232696
Ion Ratio Lower Upper

248 100

250 97.6 78.6 117.8

141 51.8 76.0 114.0#





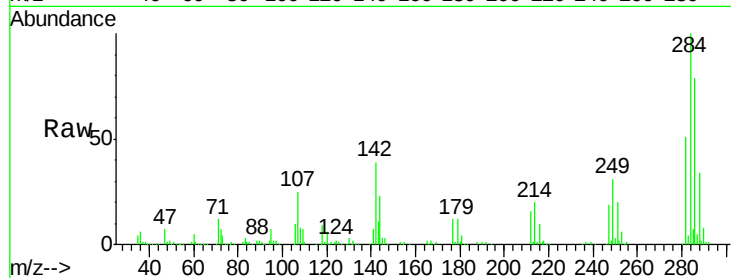
#67
Hexachlorobenzene
Concen: 36.49 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

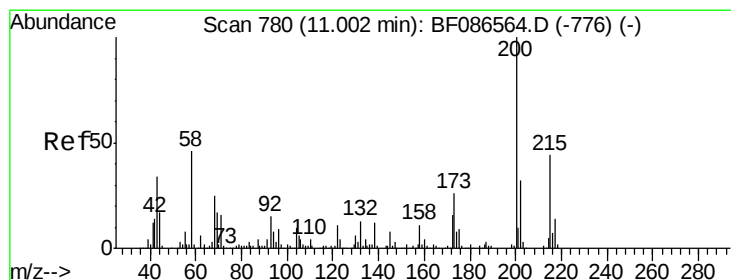
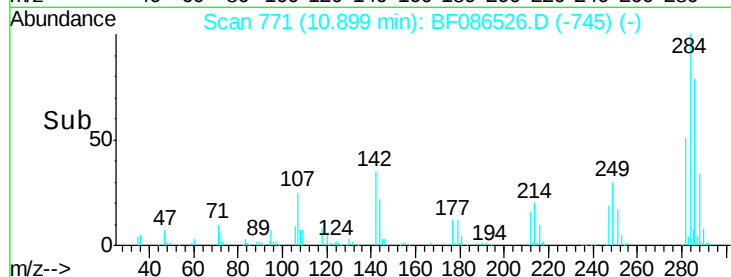
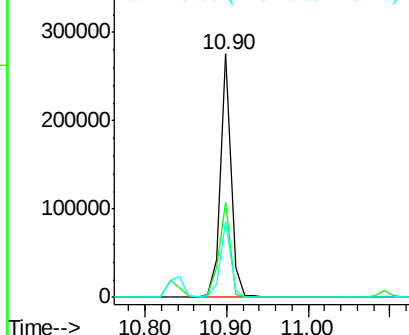
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	249289		
142	39.0	16.7	25.1#	
249	31.4	21.3	31.9	

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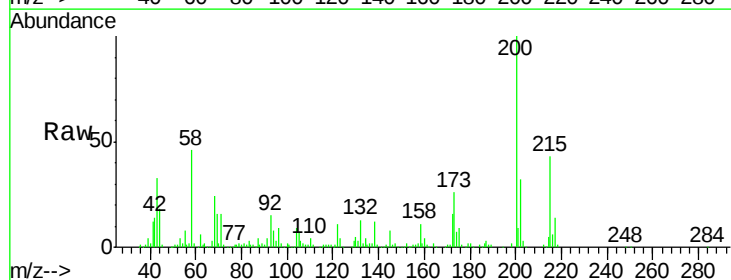


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

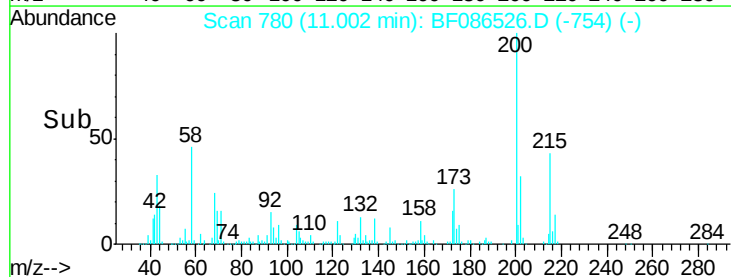
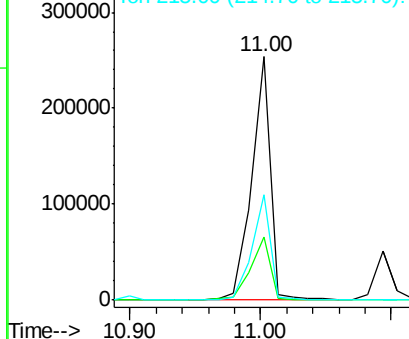


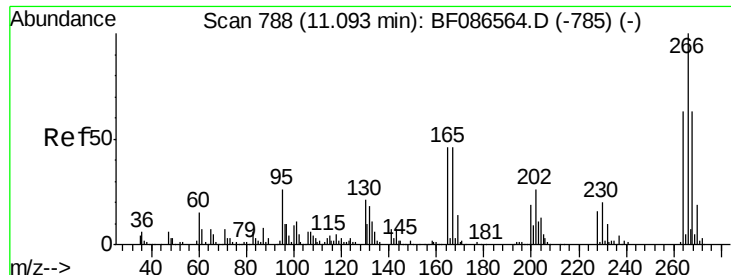
#68
Atrazine
Concen: 47.13 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	253347		
173	25.9	8.5	48.5	
215	43.3	27.2	67.2	



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





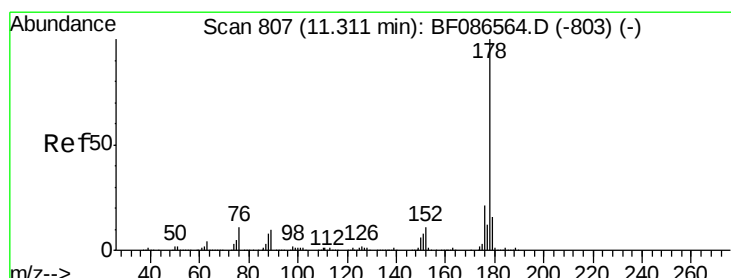
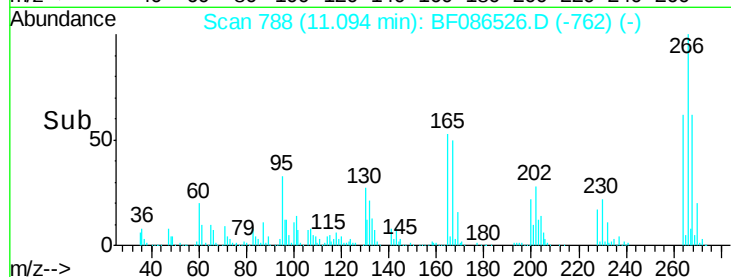
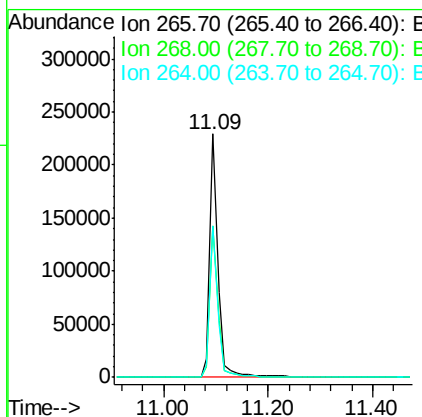
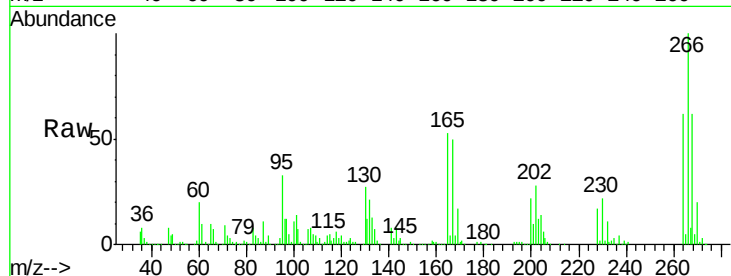
#69
 Pentachlorophenol
 Concen: 70.08 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	252410		
268	62.1	51.5	77.3	
264	62.4	52.9	79.3	

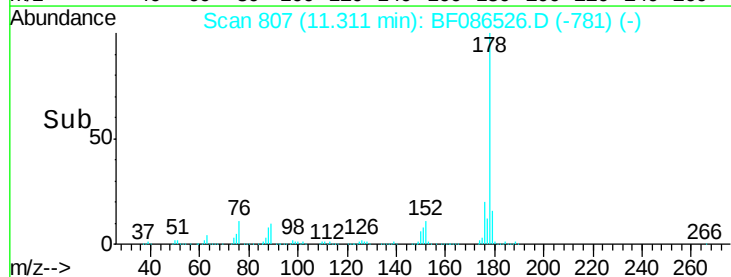
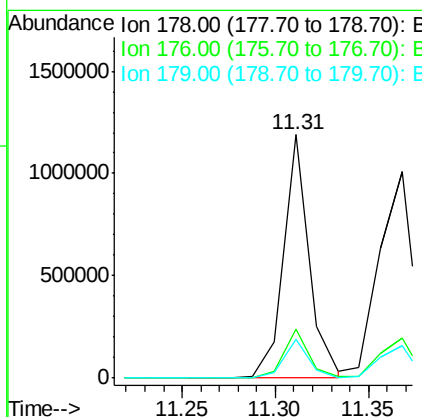
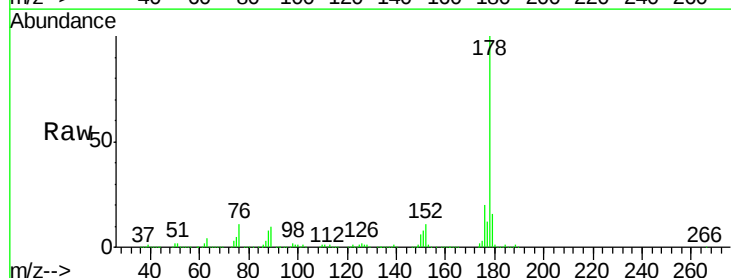
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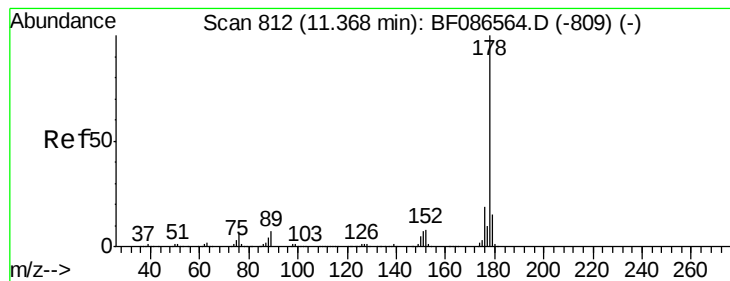
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#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1138917		
176	20.2	16.0	24.0	
179	15.7	12.6	18.8	





#71

Anthracene

Concen: 41.06 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB90053BS

Tgt Ion:178 Resp: 1317077

Ion Ratio Lower Upper

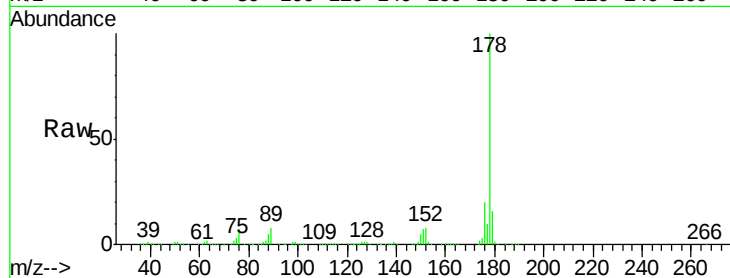
178 100

176 19.6 15.6 23.4

179 15.6 12.7 19.1

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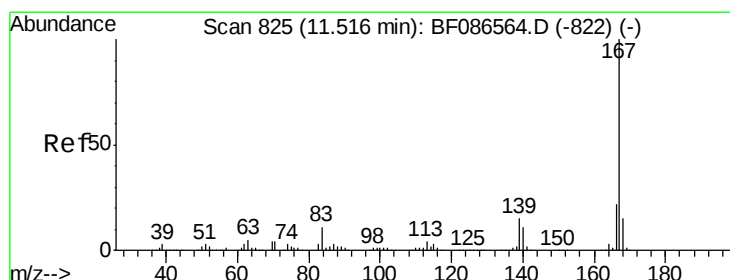
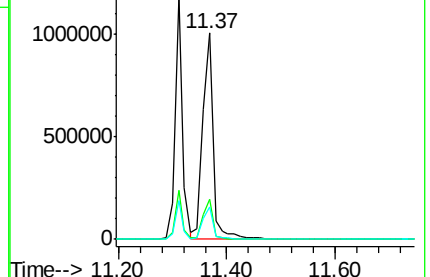
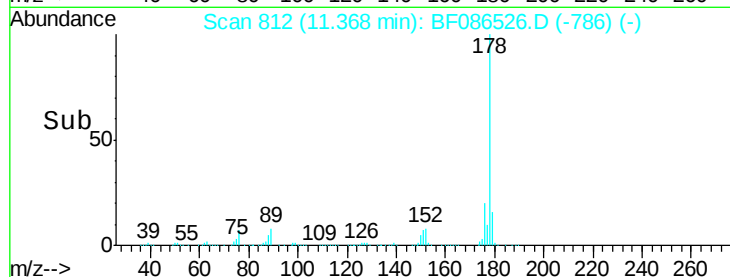
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.54 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

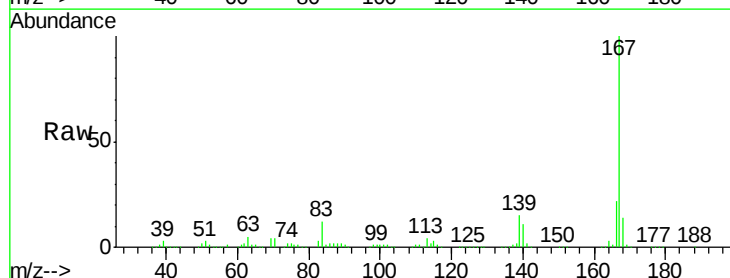
Tgt Ion:167 Resp: 1124178

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

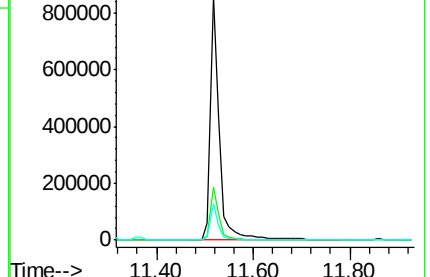
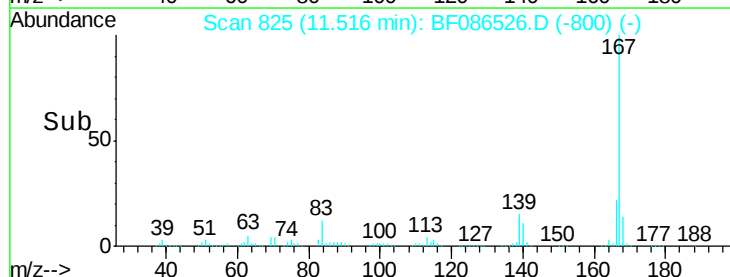
139 14.7 10.8 16.2

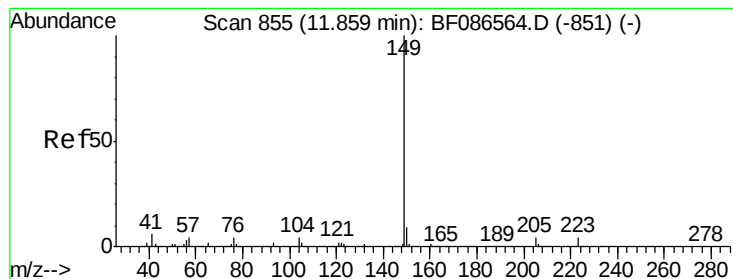


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.14 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

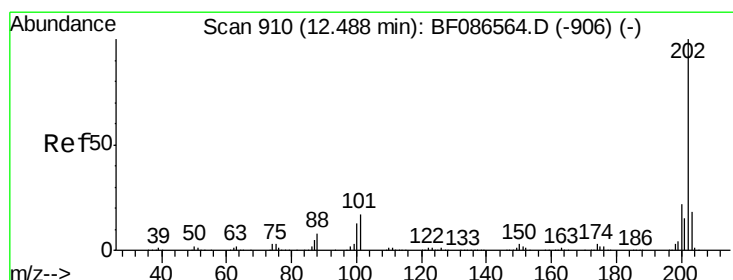
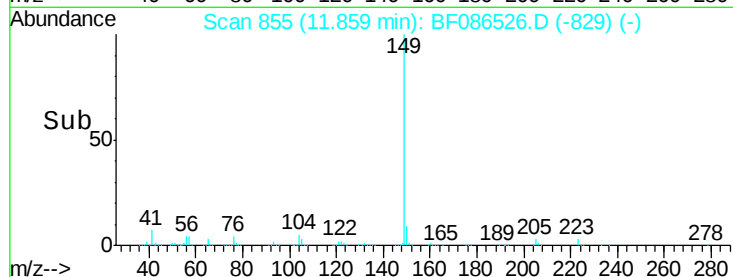
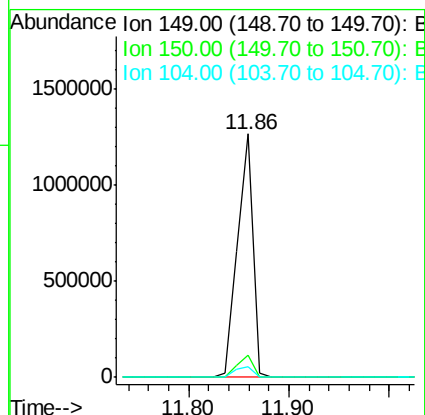
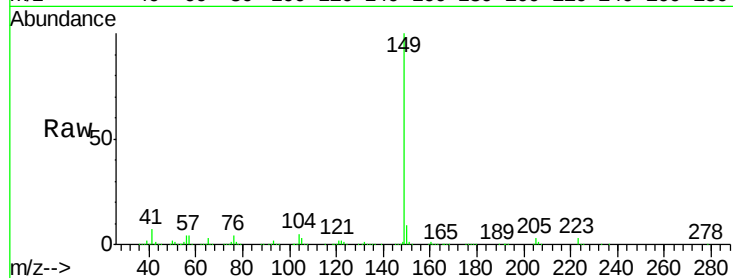
ClientSampleId :

PB90053BS

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Tgt Ion:	149	Resp:	1357410
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	4.6	3.8	5.6



#74

Fluoranthene

Concen: 41.89 ng

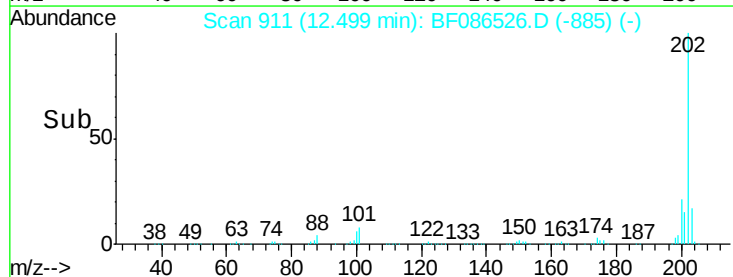
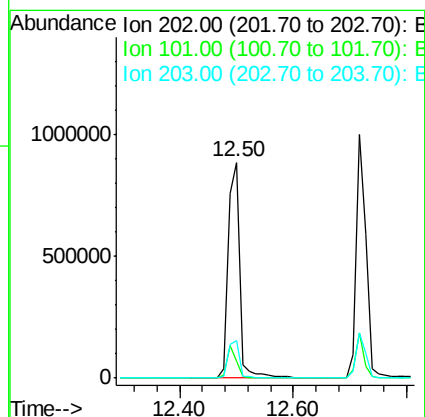
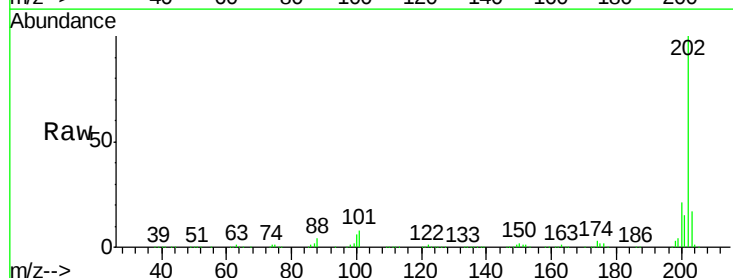
RT: 12.50 min Scan# 911

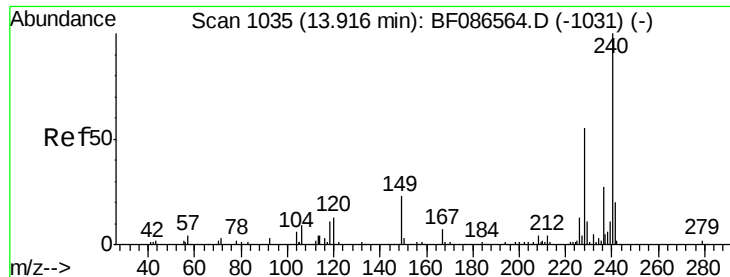
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	202	Resp:	1270983
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	35.4
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

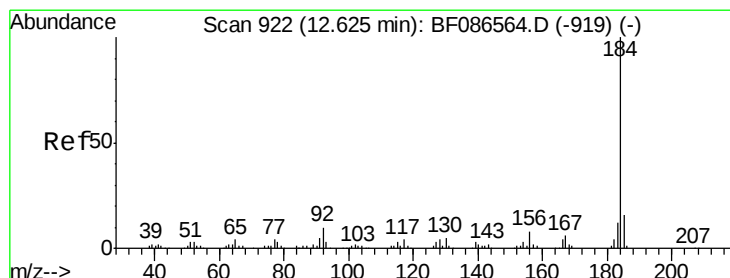
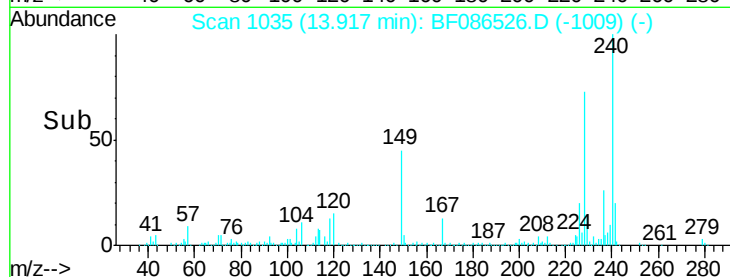
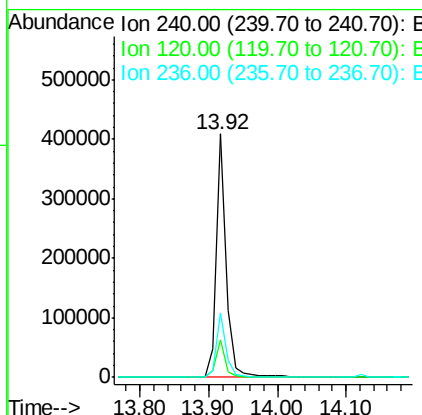
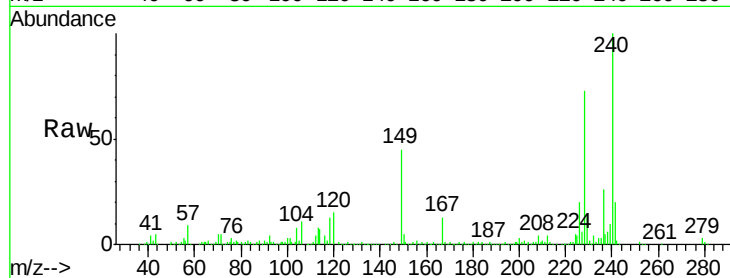
ClientSampleId :

PB90053BS

Tgt Ion:	240	Resp:	422525
Ion Ratio		Lower	Upper
240	100		
120	15.3	11.2	16.8
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 17.87 ng

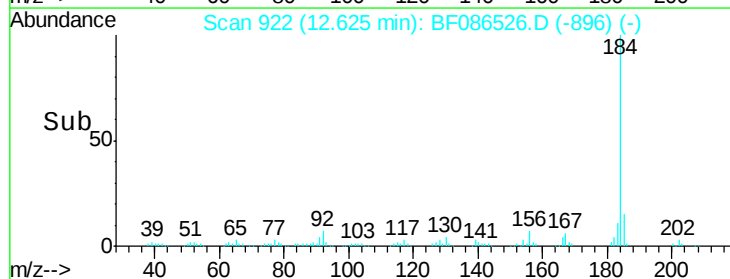
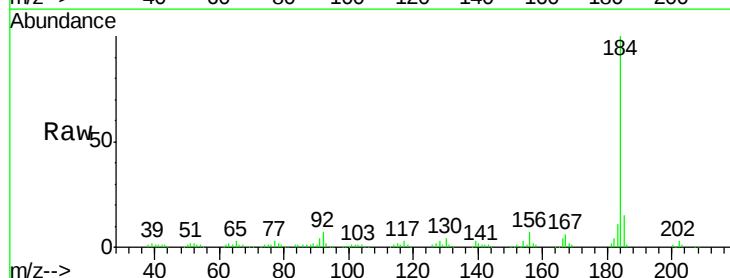
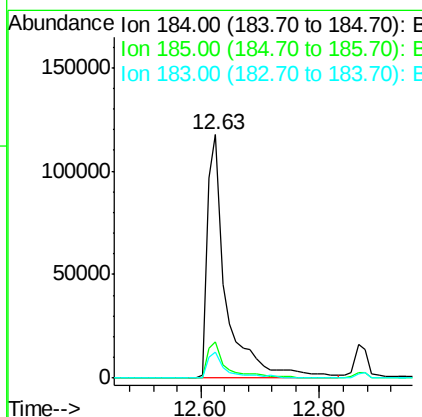
RT: 12.63 min Scan# 922

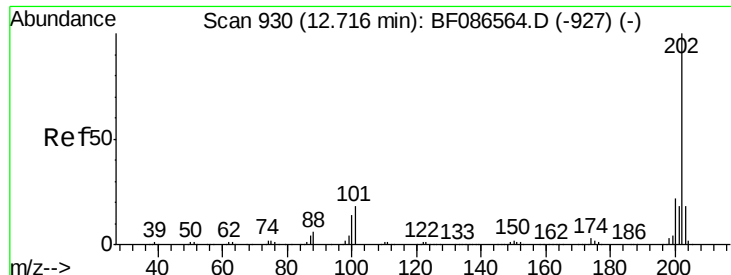
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	184	Resp:	259411
Ion Ratio		Lower	Upper
184	100		
185	14.7	13.6	20.4
183	10.9	9.8	14.6





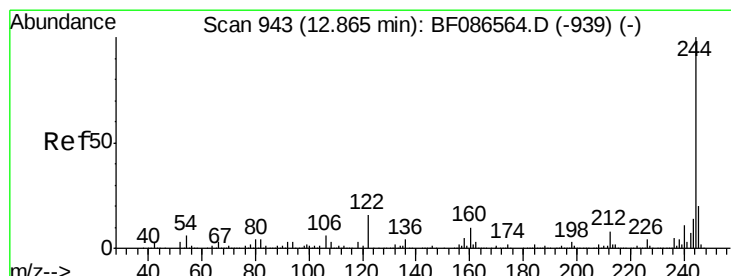
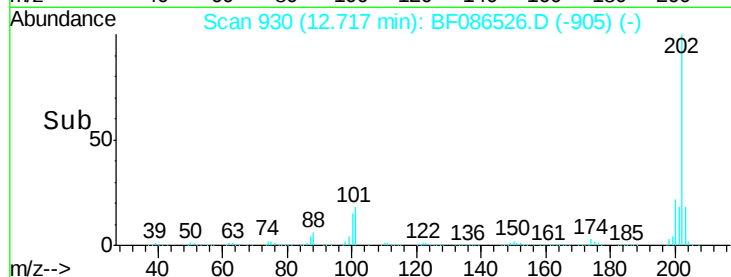
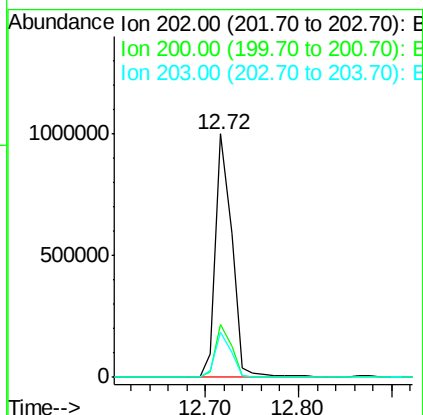
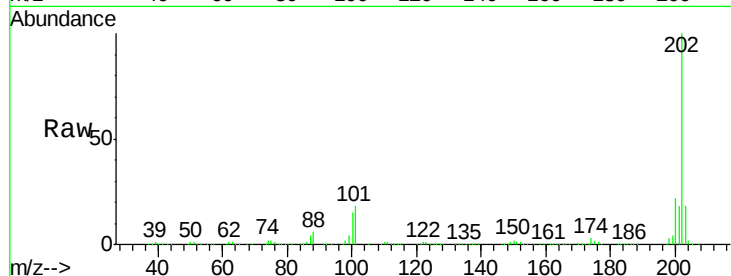
#77
 Pyrene
 Concen: 40.01 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.3	14.2	21.4

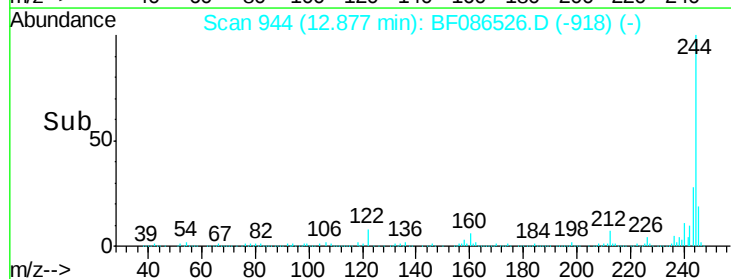
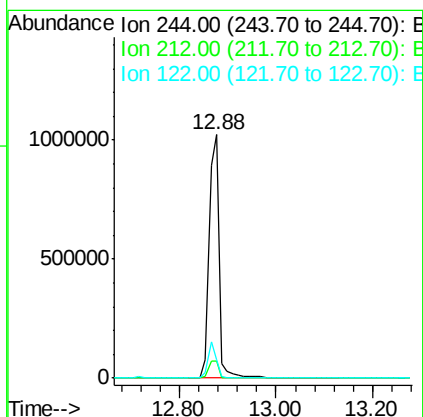
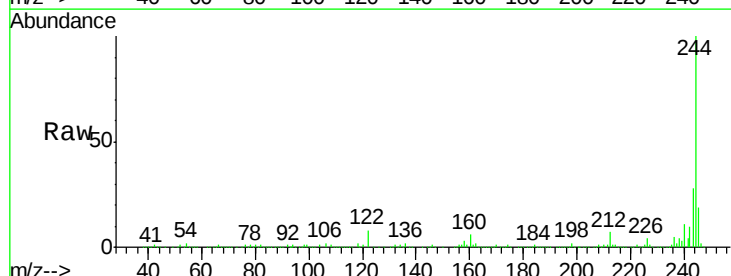
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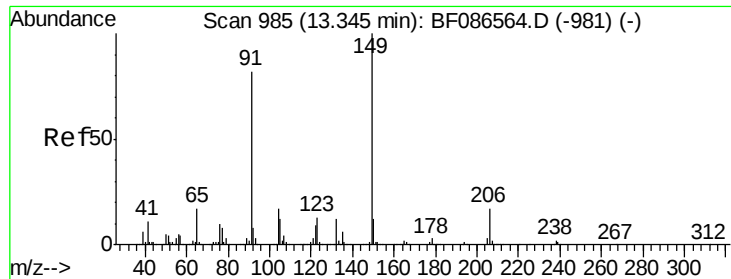
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#78
 Terphenyl-d14
 Concen: 78.11 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	7.6	12.0	18.0#





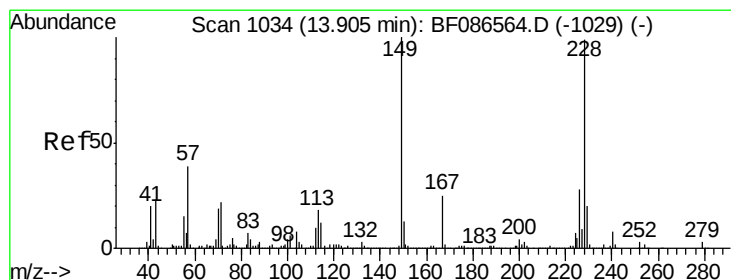
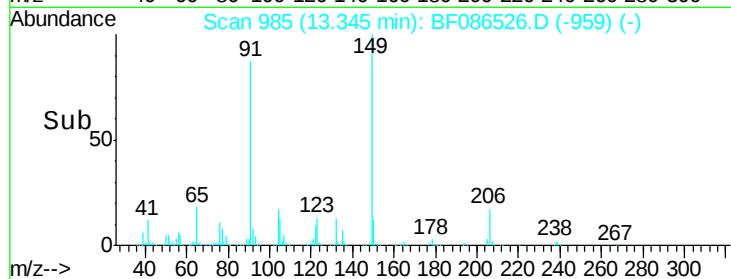
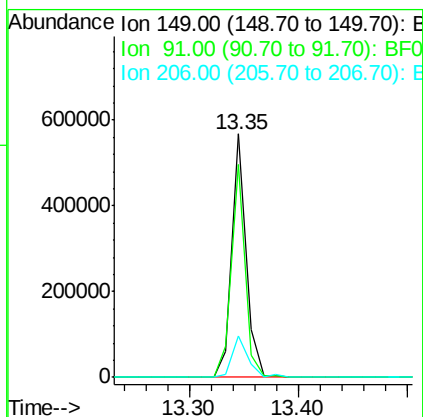
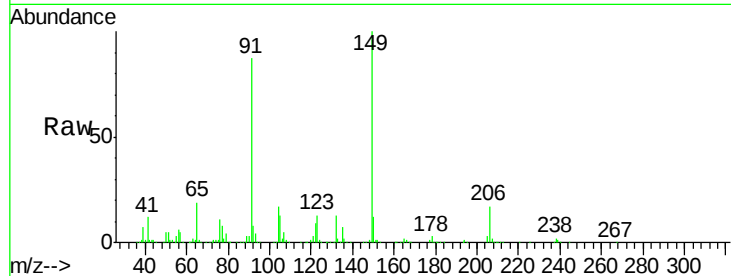
#79
Butylbenzylphthalate
Concen: 39.38 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	519249		
91	87.2	48.0	72.0#	
206	16.9	15.8	23.6	

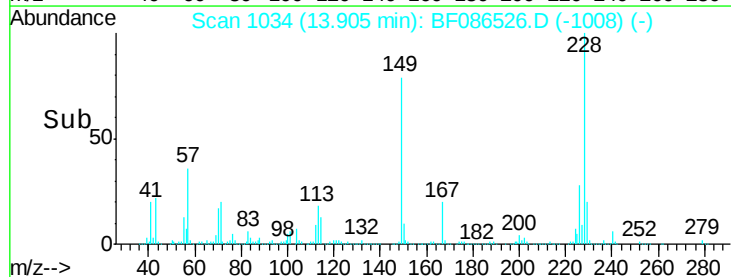
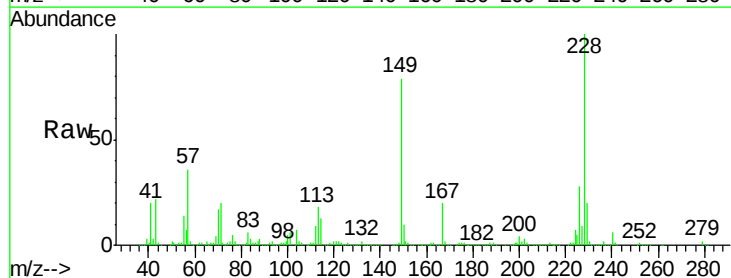
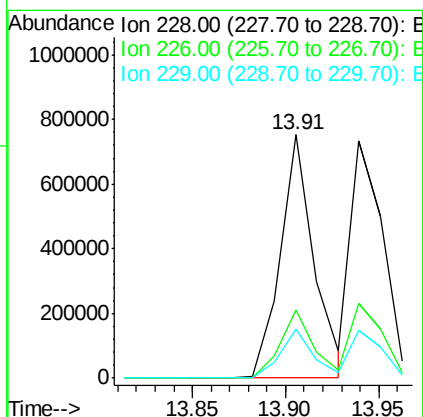
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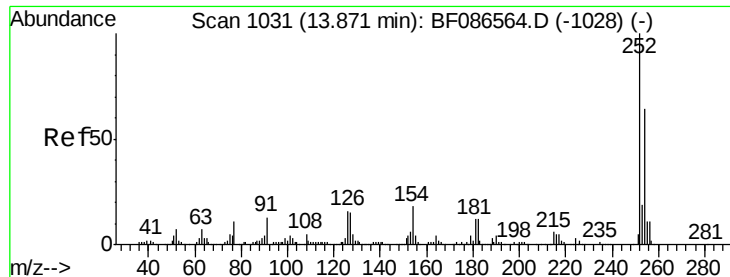
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#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	946984		
226	28.0	22.5	33.7	
229	20.2	16.6	25.0	





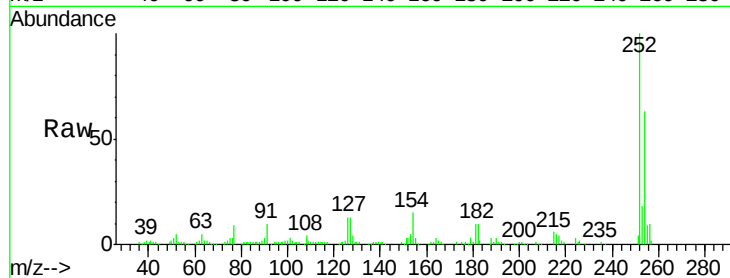
#81
 3,3'-Dichlorobenzidine
 Concen: 8.07 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

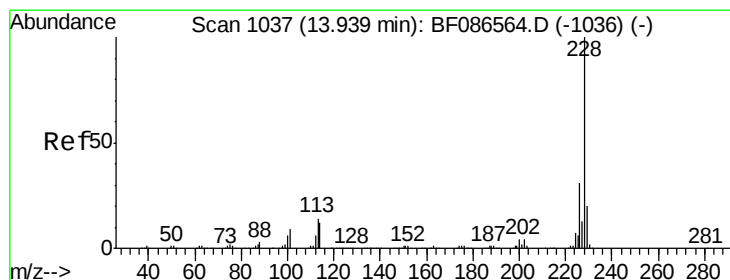
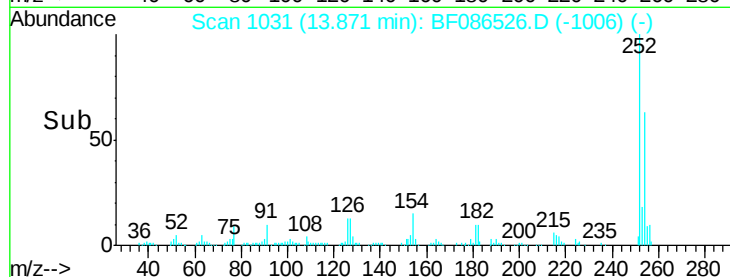
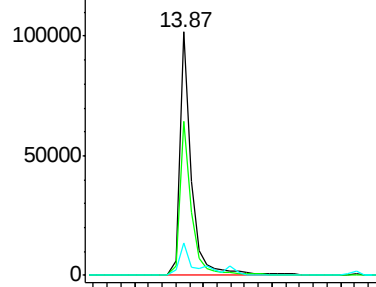
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	50.7	76.1
126	13.1	12.7	19.1

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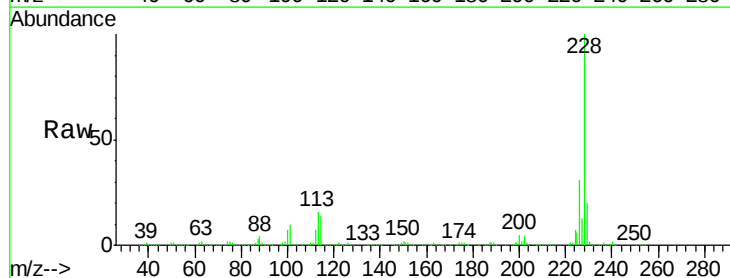


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

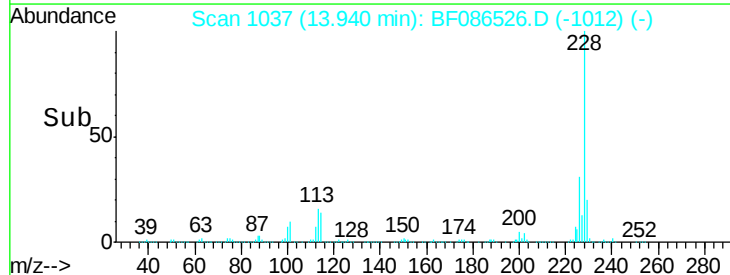
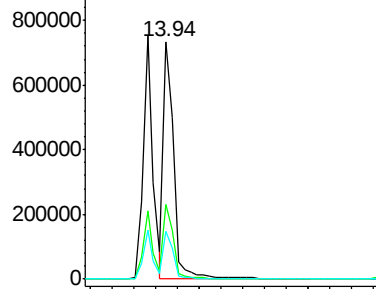


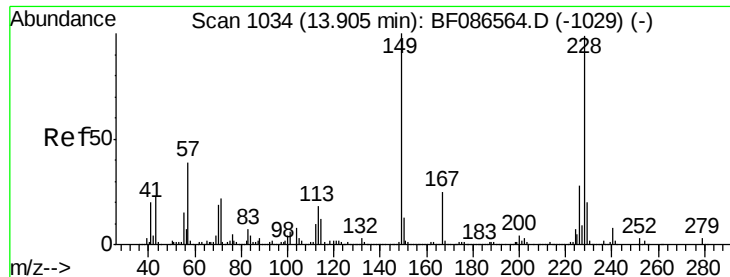
#82
 Chrysene
 Concen: 39.33 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.4	36.6
229	20.1	15.8	23.8



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





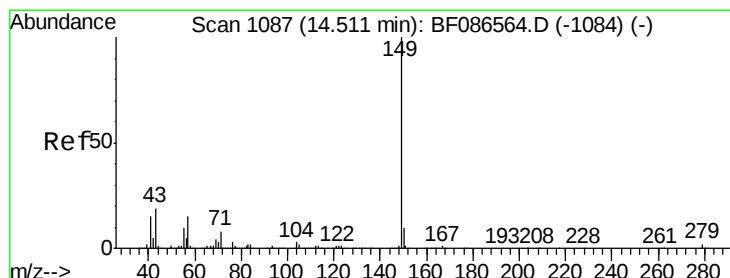
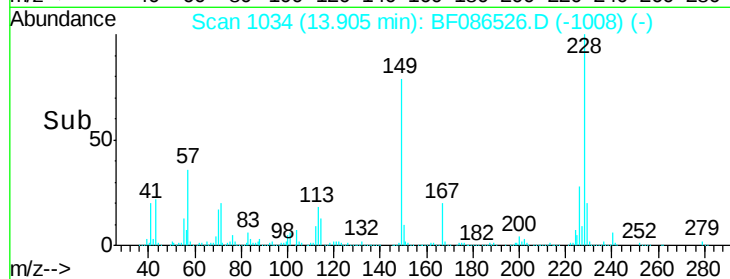
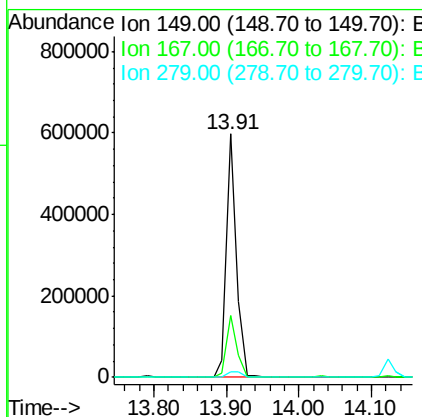
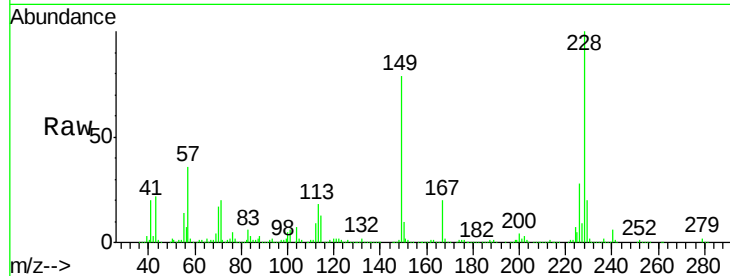
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.36 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion:	149	Resp:	578719
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.8	32.6
279	2.4	2.6	4.0#

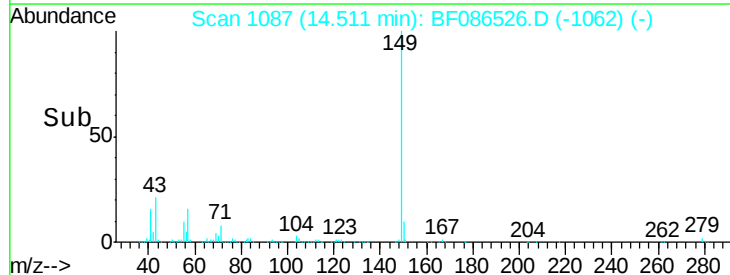
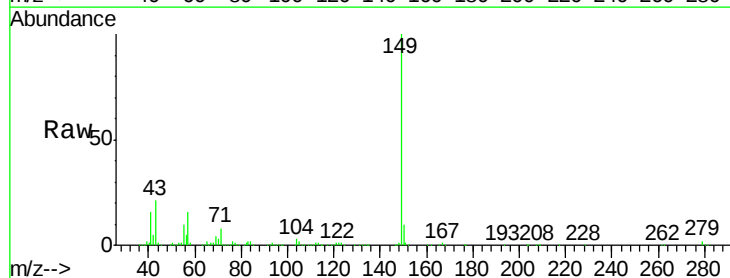
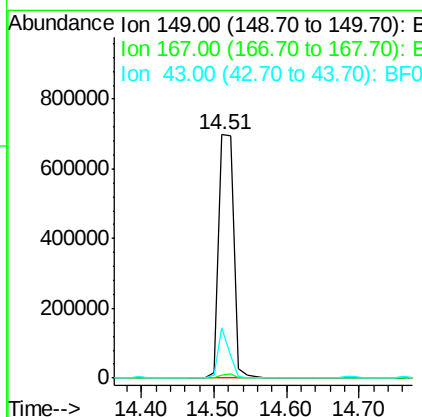
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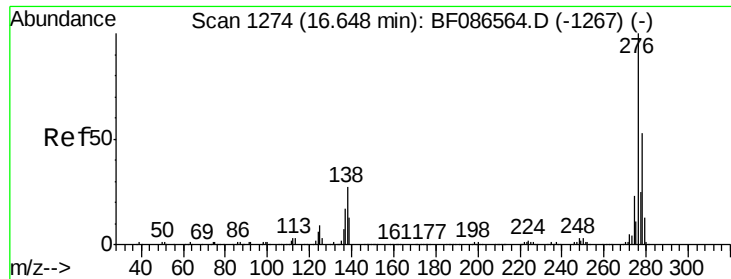
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#84
 Di-n-octyl phthalate
 Concen: 38.85 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:	149	Resp:	995816
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.9	8.2	12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.54 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086526.D

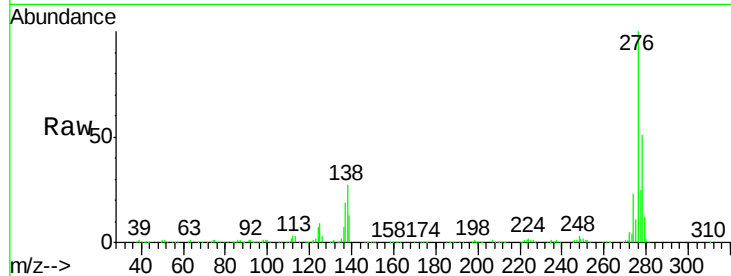
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

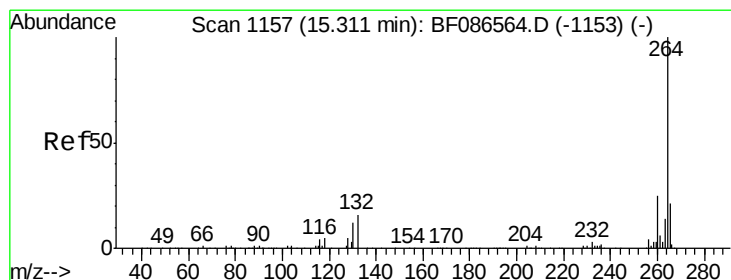
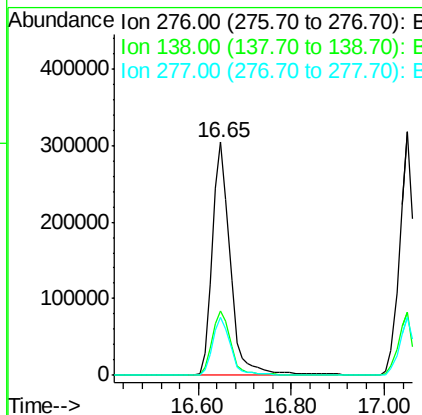
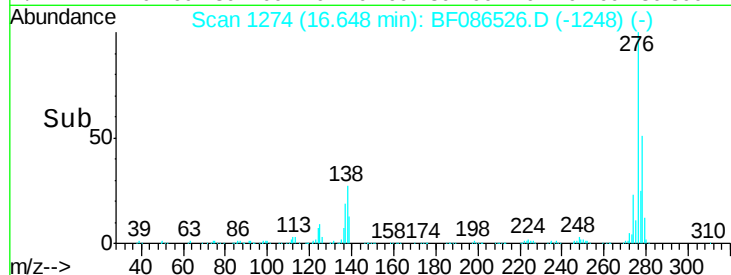
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Tgt Ion:	276	Resp:	826220
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.6	38.4
277	25.1	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

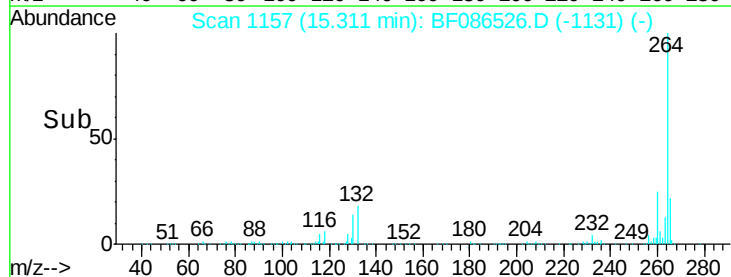
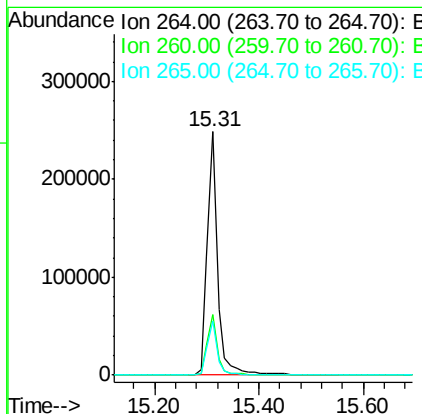
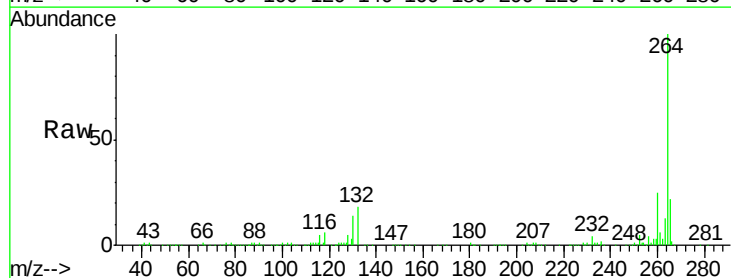
RT: 15.31 min Scan# 1157

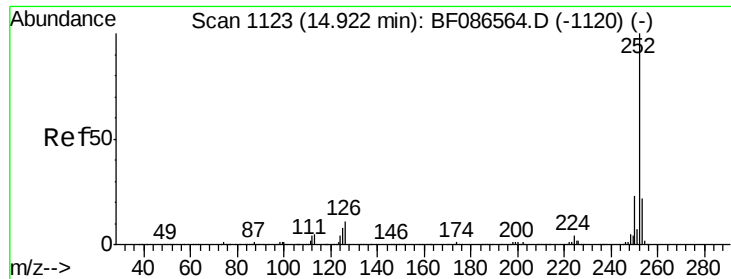
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	264	Resp:	343353
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.63 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086526.D

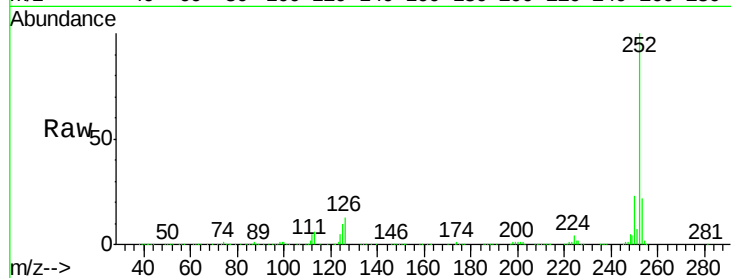
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB90053BS



Tgt Ion: 252 Resp: 901520

Ion Ratio Lower Upper

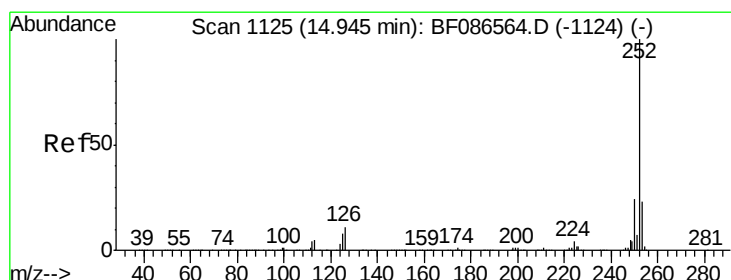
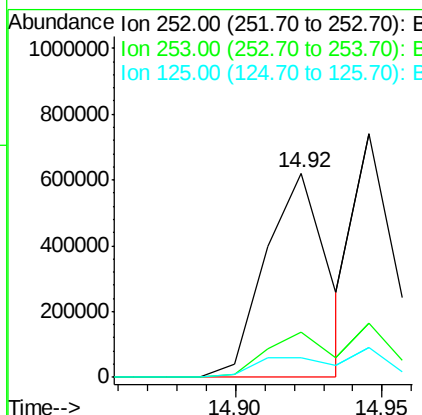
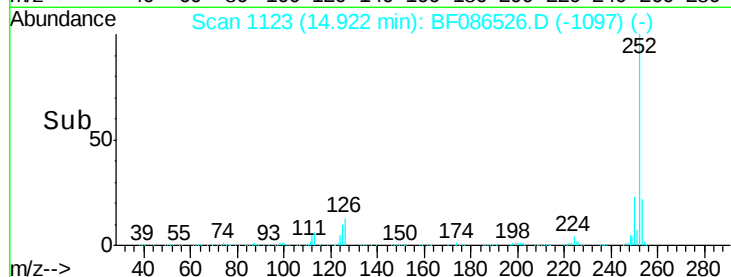
252 100

253 21.8 17.8 26.6

125 9.5 11.4 17.0

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#88

Benzo(k)fluoranthene

Concen: 37.41 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

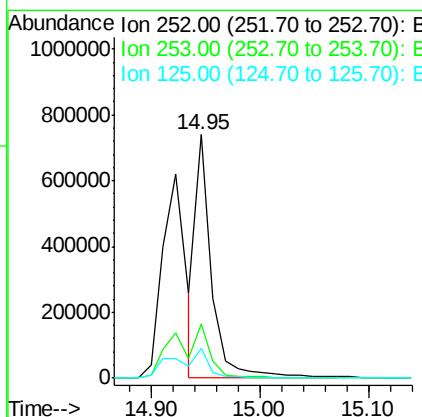
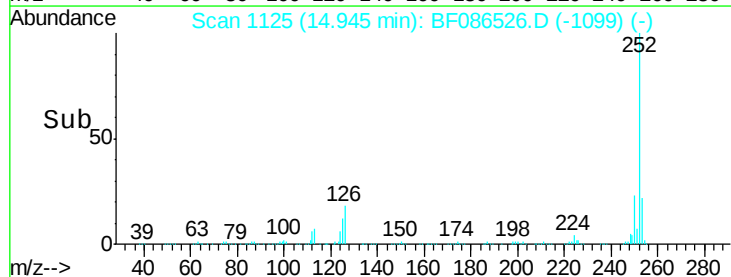
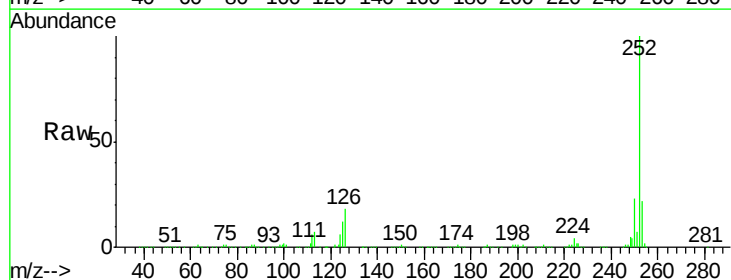
Tgt Ion: 252 Resp: 788161

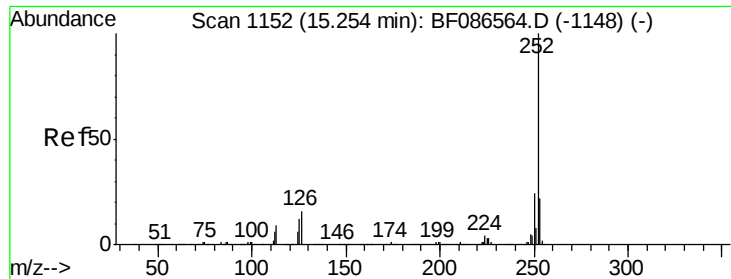
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 12.4 9.1 13.7





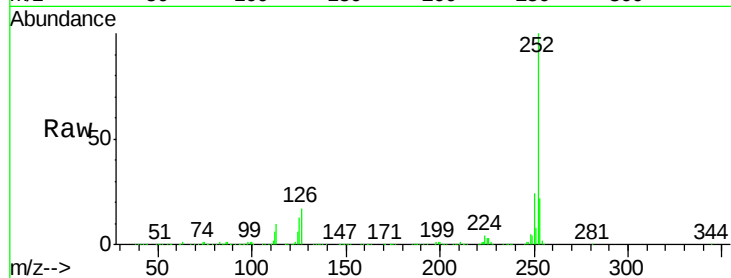
#89
Benzo(a)pyrene
Concen: 41.25 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB90053BS

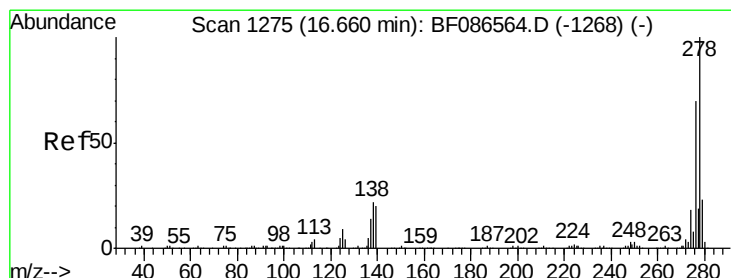
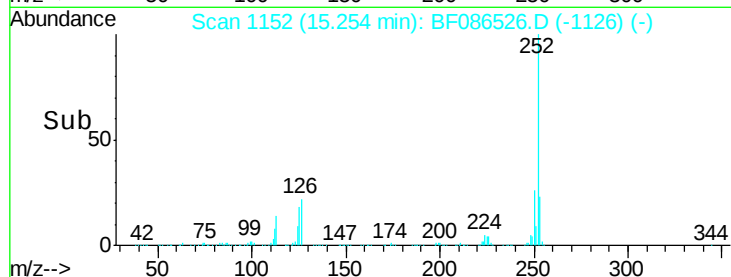
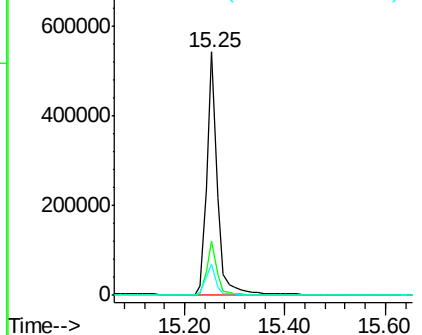
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.8	9.0	13.6

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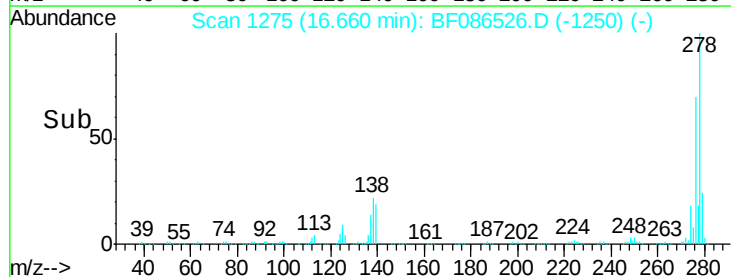
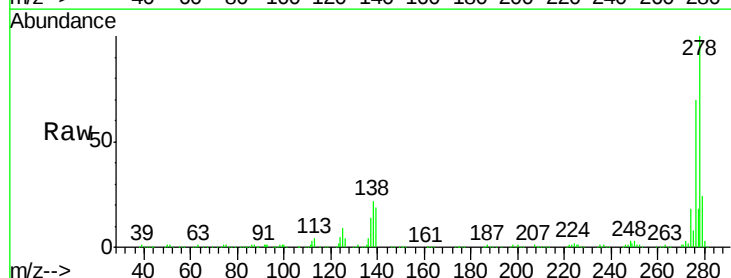
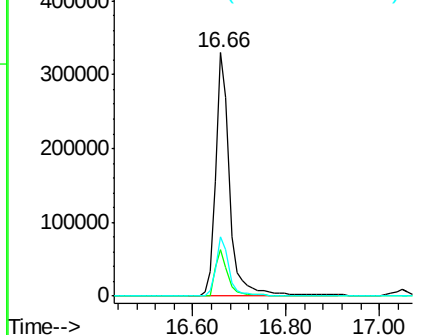
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

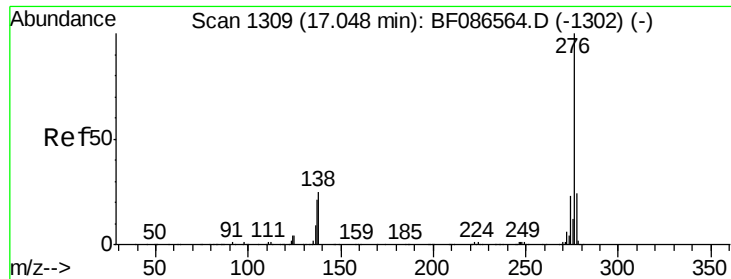


#90
Dibenzo(a,h)anthracene
Concen: 44.42 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	24.2	19.6	29.4

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: 44.77 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BS

Tgt Ion:	276	Resp:	700199
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.6	29.4
138	25.8	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:53:03 PM

