

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086531.D
 Acq On : 30 Apr 2016 18:46
 Operator : UM/SJ
 Sample : PB90117BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Manual Integrations
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 5/2/2016 7:53:38 PM

Quant Time: May 01 04:22:38 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	134824	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	595119	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	279537	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552193	20.00	ng	0.00
75) Chrysene-d12	13.92	240	392034	20.00	ng	0.00
86) Perylene-d12	15.31	264	313718	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1055109	134.99	ng	0.01
7) Phenol-d6	6.41	99	1563600	143.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	943856	85.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	437095	148.27	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1637892	108.48	ng	0.00
78) Terphenyl-d14	12.88	244	1646645	92.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	147111	35.83	ng	# 76
3) Pyridine	3.06	79	432434	44.50	ng	# 69
4) n-Nitrosodimethylamine	3.01	42	267752	48.34	ng	# 60
6) Aniline	6.43	93	379568	28.75	ng	# 49
8) 2-Chlorophenol	6.56	128	427256	43.89	ng	98
9) Benzaldehyde	6.30	77	58272	9.18	ng	91
10) Phenol	6.43	94	494488	40.63	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	486425	46.23	ng	91
12) 1,3-Dichlorobenzene	6.70	146	429001	40.97	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	444675	41.16	ng	96
14) 1,2-Dichlorobenzene	6.93	146	390116	39.37	ng	93
15) Benzyl Alcohol	6.92	79	350832	50.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	874389	41.52	ng	90
17) 2-Methylphenol	7.04	107	369518	46.96	ng	# 94
18) Hexachloroethane	7.28	117	162689	40.29	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	319845	44.36	ng	# 68
20) 3+4-Methylphenols	7.18	107	417023	46.42	ng	92
22) Acetophenone	7.18	105	570075	43.69	ng	# 88
24) Nitrobenzene	7.36	77	505518	44.51	ng	95
25) Isophorone	7.60	82	881320	41.48	ng	99
26) 2-Nitrophenol	7.68	139	237342	45.39	ng	96
27) 2,4-Dimethylphenol	7.72	122	423198	46.12	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	546179	47.18	ng	99
29) 2,4-Dichlorophenol	7.92	162	365142	47.17	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	364299	40.56	ng	97
31) Naphthalene	8.08	128	1254432	41.42	ng	99
32) Benzoic acid	7.85	122	195820	37.58	ng	# 83
33) 4-Chloroaniline	8.13	127	200364	17.67	ng	98
34) Hexachlorobutadiene	8.20	225	199412	39.61	ng	98
35) Caprolactam	8.50	113	119081m	46.11	ng	
36) 4-Chloro-3-methylphenol	8.62	107	413143	46.61	ng	97
37) 2-Methylnaphthalene	8.77	142	808480	45.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	315829	39.47	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	336222	84.56	ng	96

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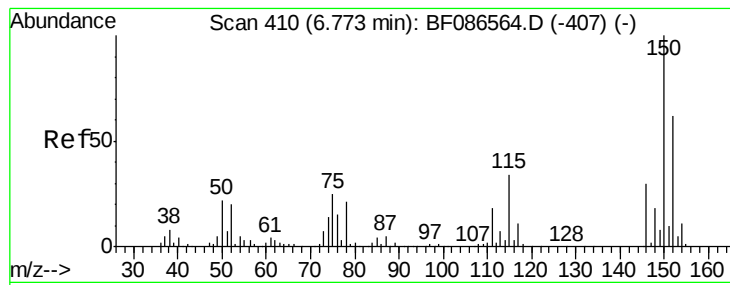
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	232354	45.94	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	246908	44.79	ng #	90
45) 1,1'-Biphenyl	9.23	154	965301	41.31	ng	96
46) 2-Chloronaphthalene	9.25	162	729639	41.07	ng	93
47) 2-Nitroaniline	9.36	65	307865	54.04	ng	88
48) Acenaphthylene	9.66	152	1150115	41.42	ng	98
49) Dimethylphthalate	9.54	163	913495	43.41	ng	100
50) 2,6-Dinitrotoluene	9.60	165	189838	43.67	ng #	81
51) Acenaphthene	9.84	154	822925	46.14	ng	99
52) 3-Nitroaniline	9.77	138	125467	25.38	ng	100
53) 2,4-Dinitrophenol	9.87	184	195027	81.84	ng #	74
54) Dibenzofuran	10.02	168	1046253	46.93	ng	96
55) 4-Nitrophenol	9.94	139	305533	94.38	ng #	68
56) 2,4-Dinitrotoluene	10.01	165	271813	49.04	ng #	83
57) Fluorene	10.35	166	752992	38.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	220829	51.24	ng	98
59) Diethylphthalate	10.24	149	858534	43.10	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	369918	42.09	ng	89
61) 4-Nitroaniline	10.38	138	229502	47.48	ng	87
62) Azobenzene	10.51	77	1079582	49.48	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	140619	43.38	ng #	64
65) n-Nitrosodiphenylamine	10.48	169	741833	42.99	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	243792	42.85	ng #	78
67) Hexachlorobenzene	10.90	284	261154	39.65	ng #	79
68) Atrazine	11.00	200	261433	50.45	ng	96
69) Pentachlorophenol	11.09	266	270448	77.88	ng	99
70) Phenanthrene	11.31	178	1169797	40.37	ng	99
71) Anthracene	11.37	178	1376616	44.51	ng	100
72) Carbazole	11.52	167	1156858	42.21	ng	98
73) Di-n-butylphthalate	11.86	149	1401397	45.13	ng	100
74) Fluoranthene	12.50	202	1328661	45.42	ng	92
76) Benzidine	12.63	184	384961	28.57	ng	95
77) Pyrene	12.72	202	1267497	44.87	ng	99
79) Butylbenzylphthalate	13.35	149	533753	43.63	ng #	70
80) Benzo(a)anthracene	13.91	228	949492	45.43	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	188229	13.47	ng	98
82) Chrysene	13.94	228	986459	43.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	576423	37.96	ng #	96
84) Di-n-octyl phthalate	14.52	149	944588	39.72	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850947	50.55	ng	97
87) Benzo(b)fluoranthene	14.92	252	885132m	47.96	ng	
88) Benzo(k)fluoranthene	14.95	252	762205m	39.59	ng	
89) Benzo(a)pyrene	15.25	252	780922	44.82	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	709417	49.75	ng	99
91) Benzo(g,h,i)perylene	17.05	276	711689	49.80	ng	96

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



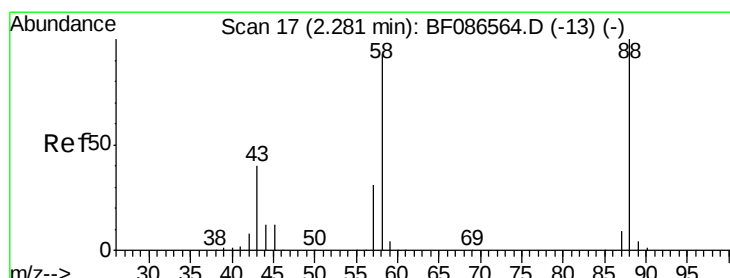
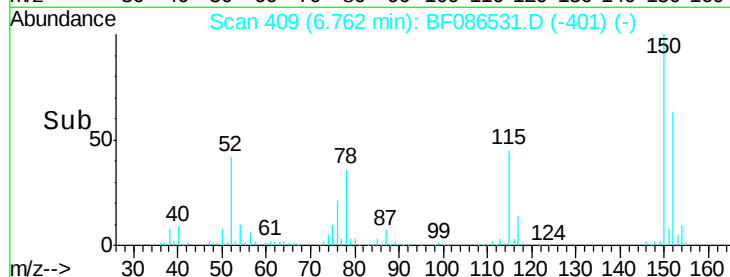
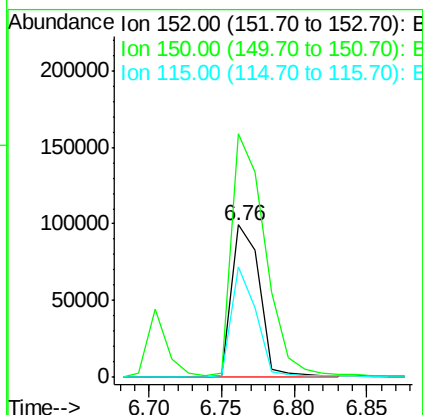
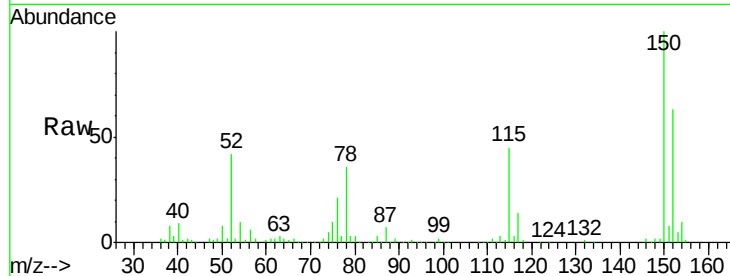
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	125.8	188.6
115	72.5	51.5	77.3

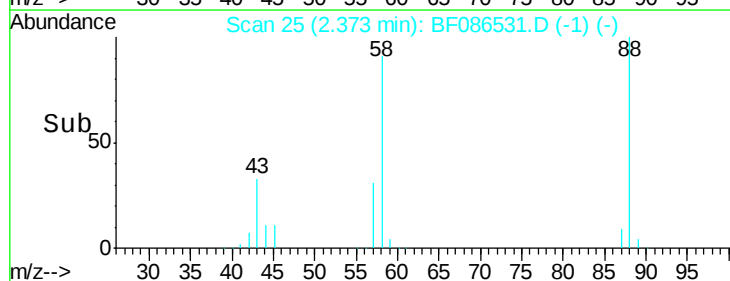
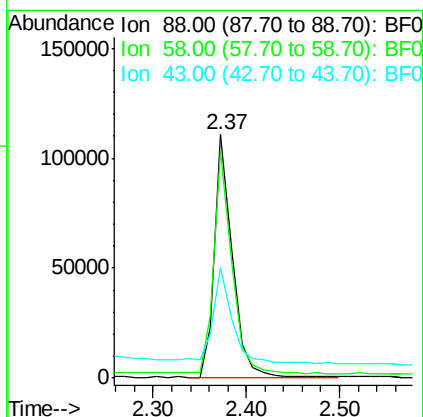
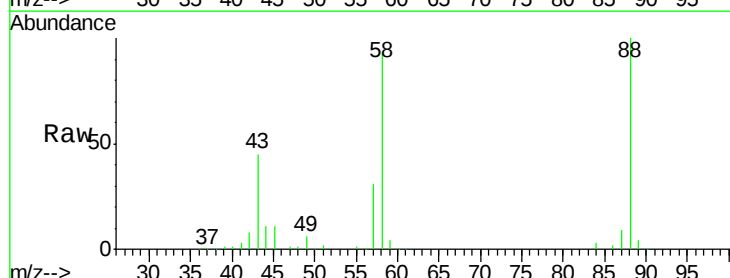
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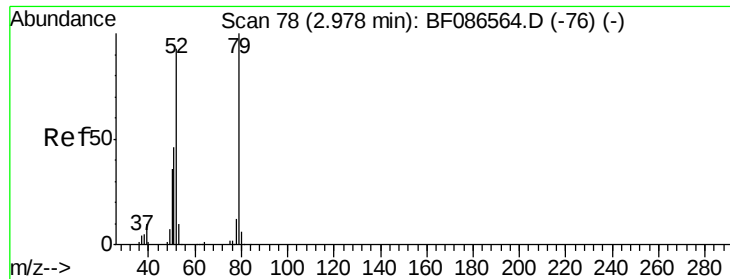
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#2
 1,4-Dioxane
 Concen: 35.83 ng
 RT: 2.37 min Scan# 25
 Delta R.T. 0.08 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	59.6	89.4#
43	44.8	21.8	32.6#





#3

Pyridine

Concen: 44.50 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

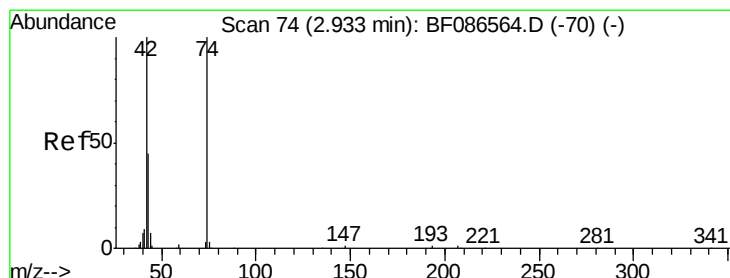
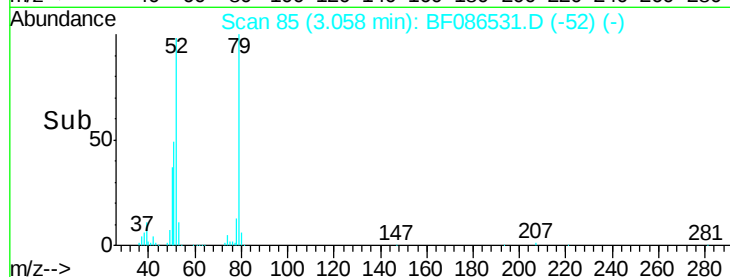
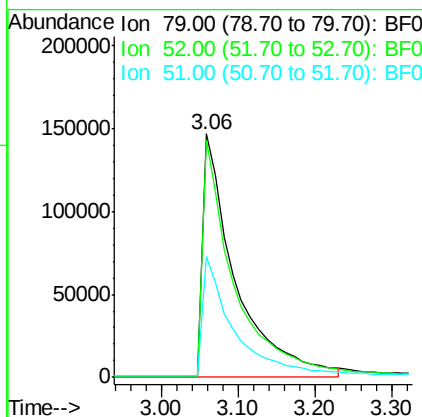
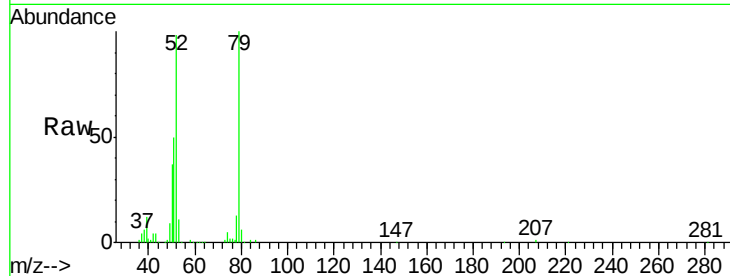
ClientSampleId :

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Tgt Ion:	79	Resp:	432434
Ion Ratio	Lower	Upper	
79	100		
52	97.6	55.9	83.9#
51	49.6	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 48.34 ng

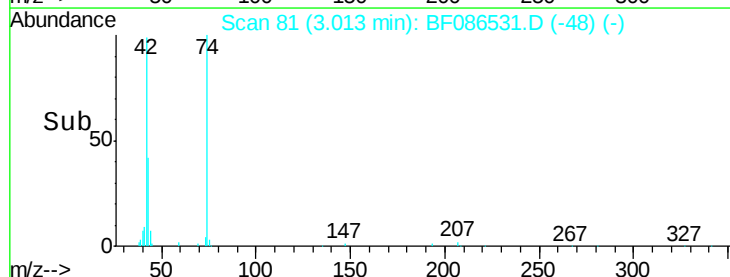
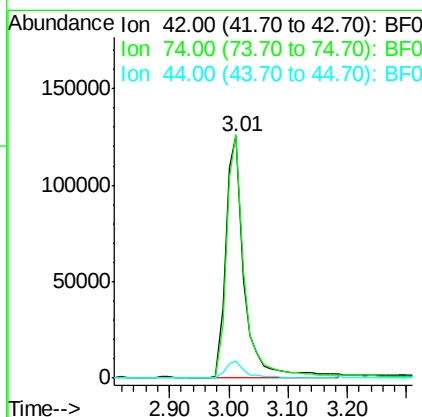
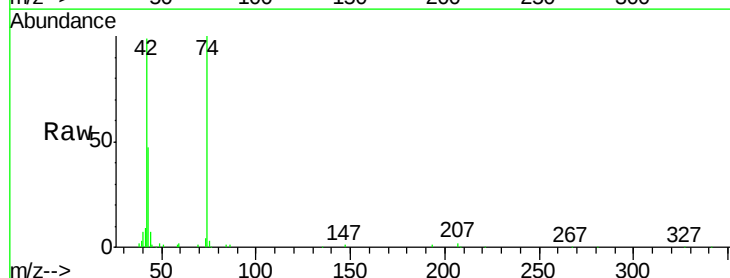
RT: 3.01 min Scan# 81

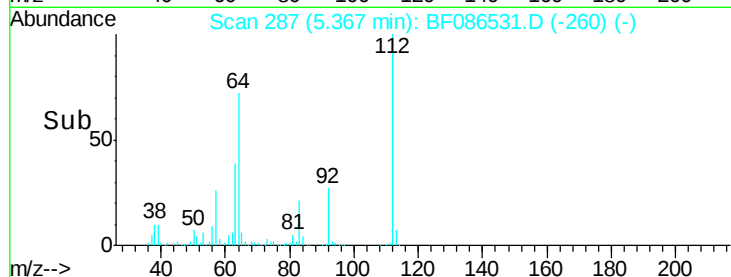
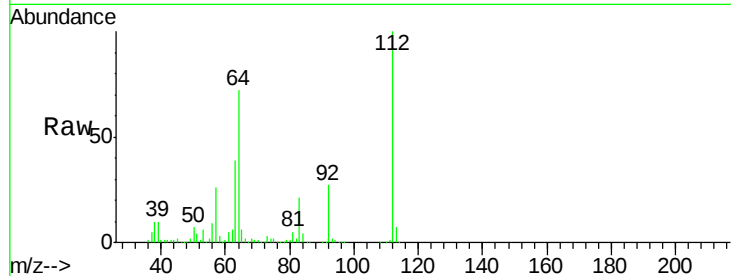
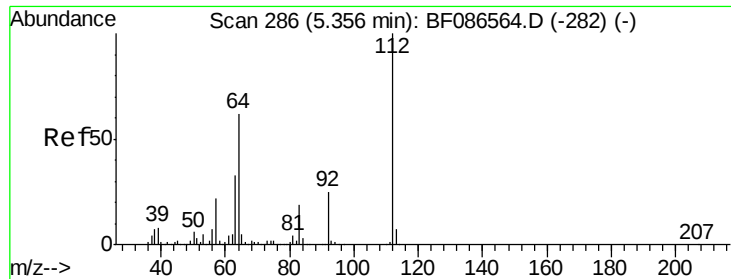
Delta R.T. 0.08 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	42	Resp:	267752
Ion Ratio	Lower	Upper	
42	100		
74	100.7	123.4	185.0#
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 134.99 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	112	Resp:	1055109
Ion Ratio	Lower	Upper	
112	100		
64	72.3	52.1	78.1
63	39.0	25.7	38.5#

Instrument :

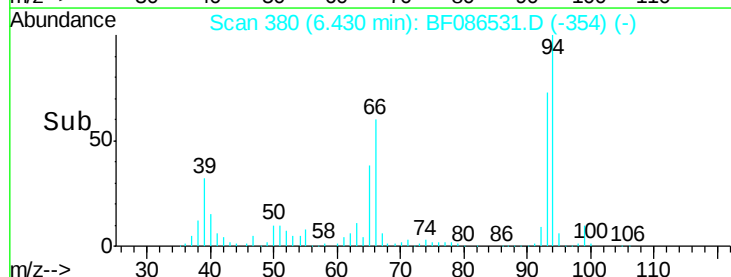
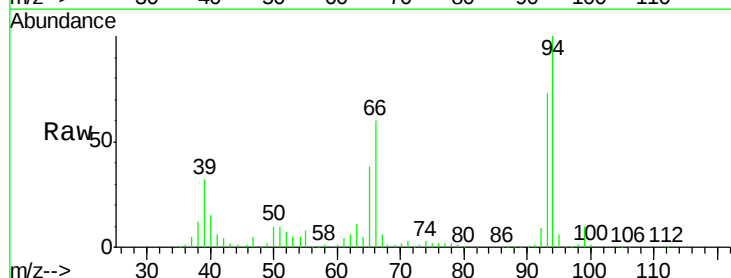
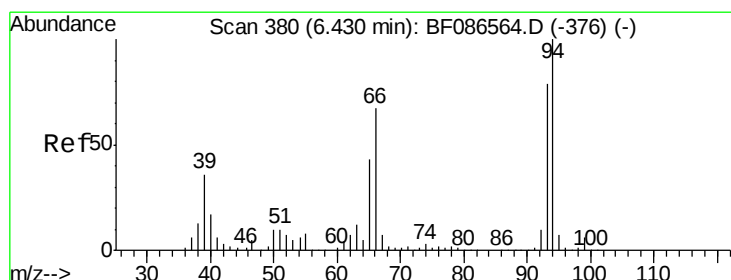
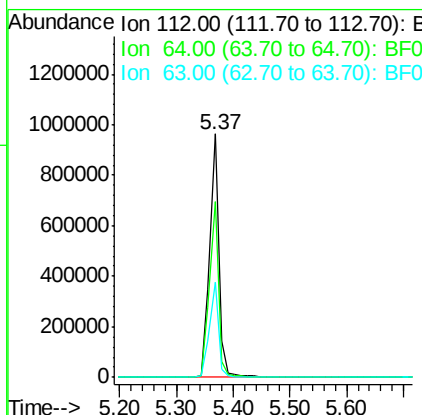
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#6

Aniline

Concen: 28.75 ng

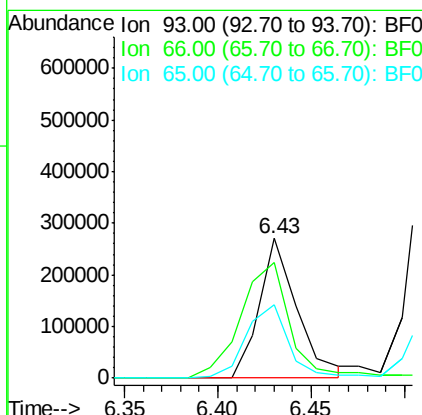
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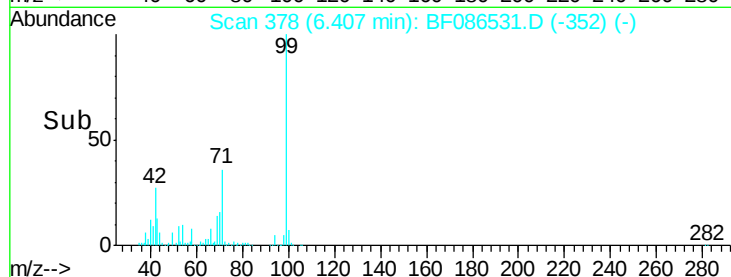
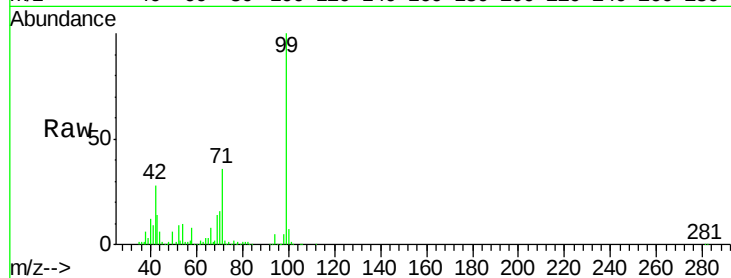
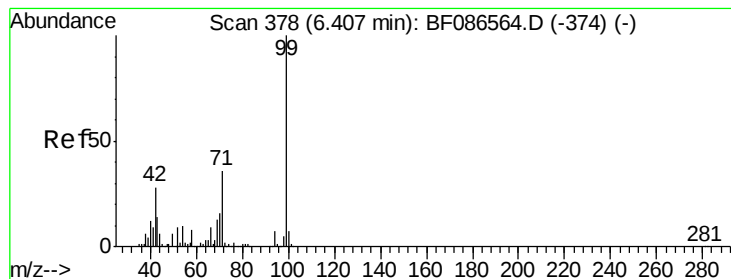
Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	93	Resp:	379568
Ion Ratio	Lower	Upper	
93	100		
66	82.5	39.0	58.6#
65	52.8	20.6	31.0#





#7

Phenol-d6

Concen: 143.33 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion: 99 Resp: 1563600

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

71 36.4 24.6 36.8

Instrument :

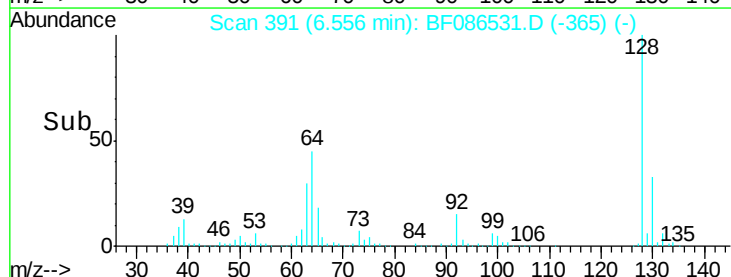
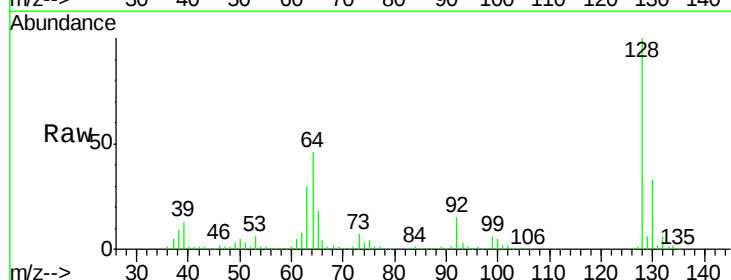
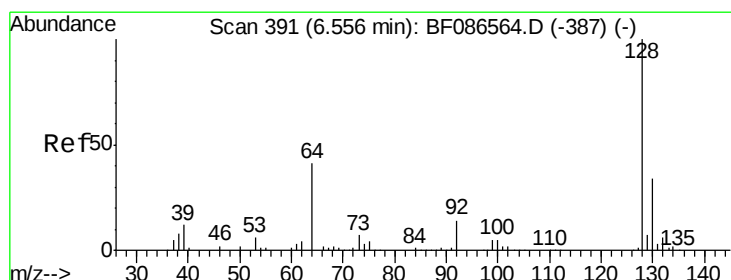
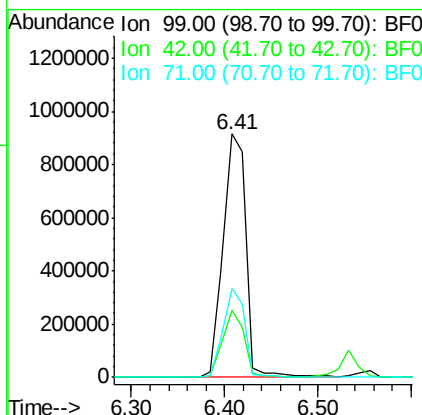
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#8

2-Chlorophenol

Concen: 43.89 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

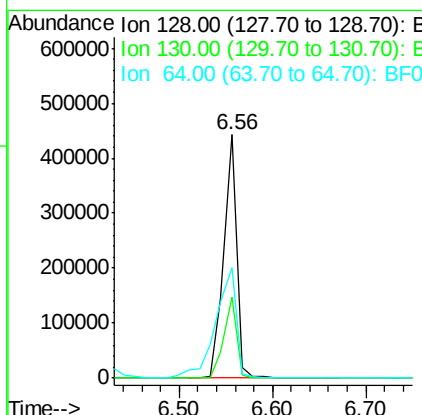
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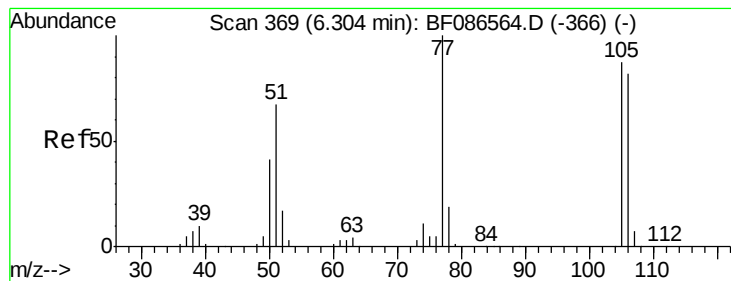
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 45.5 27.3 67.3





#9

Benzaldehyde

Concen: 9.18 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086531.D

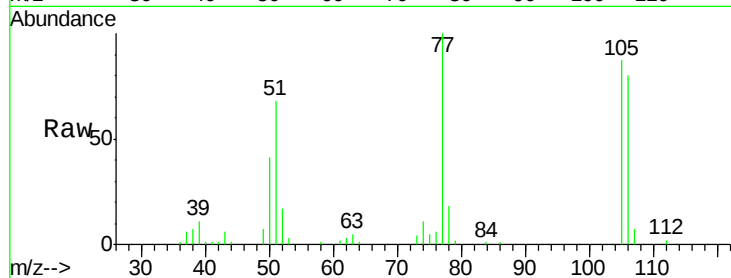
Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS



Tgt Ion: 77 Resp: 58272

Ion Ratio Lower Upper

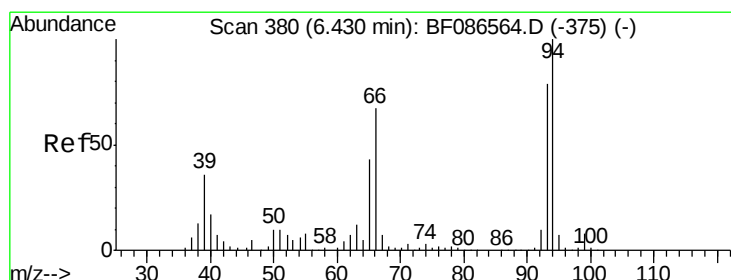
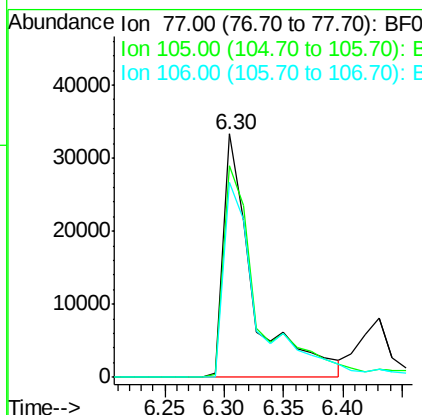
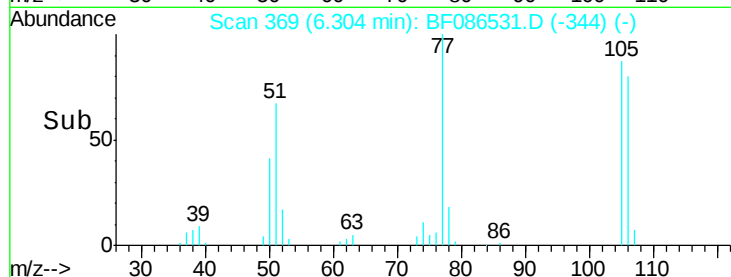
77 100

105 86.8 72.7 112.7

106 80.0 70.8 110.8

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#10

Phenol

Concen: 40.63 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

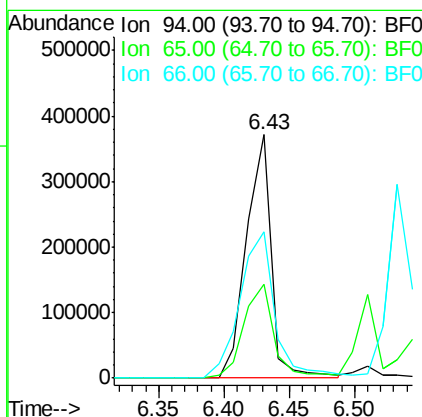
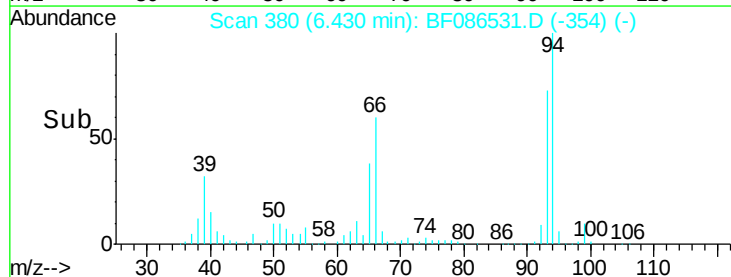
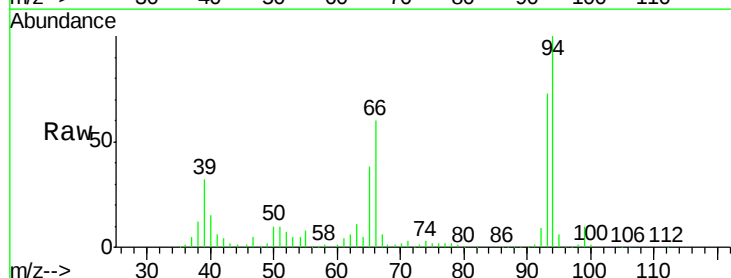
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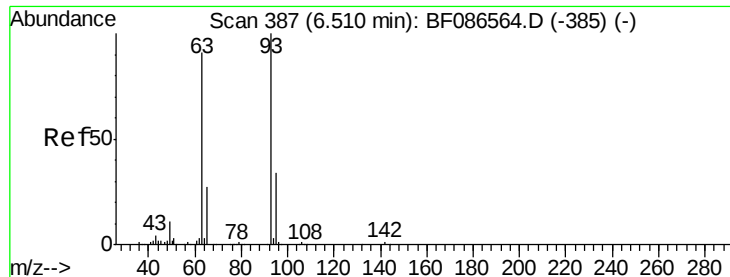
Ion Ratio Lower Upper

94 100

65 38.5 7.2 47.2

66 60.1 14.9 54.9#





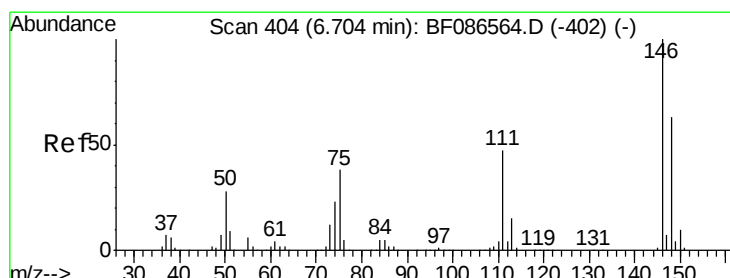
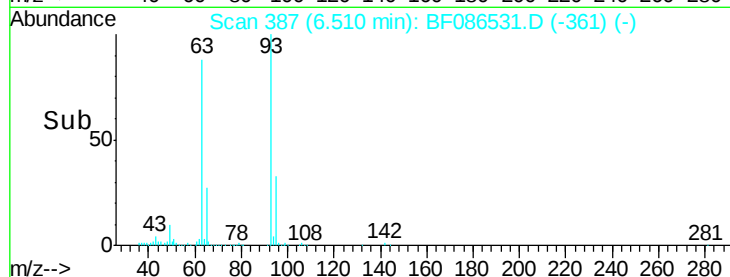
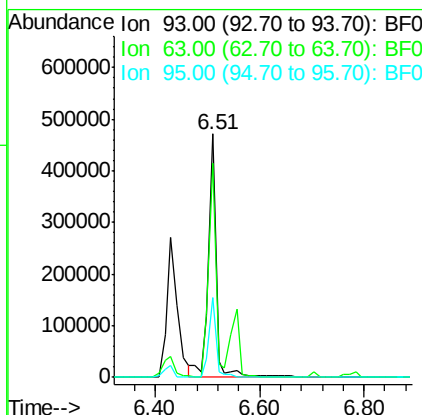
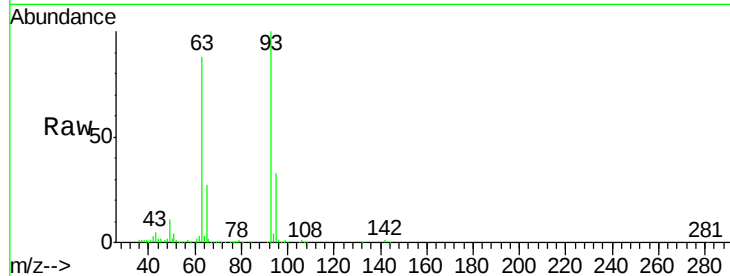
#11
bis(2-Chloroethyl)ether
Concen: 46.23 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	486425		
63	88.2	58.0	98.0	
95	32.6	11.9	51.9	

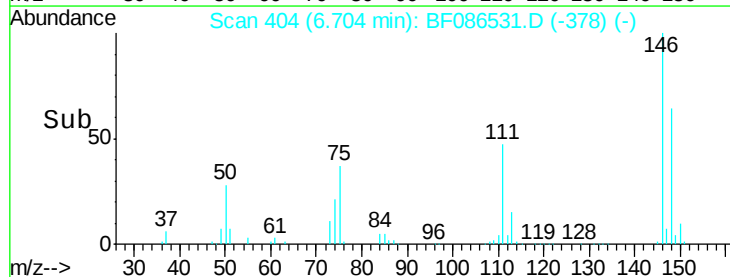
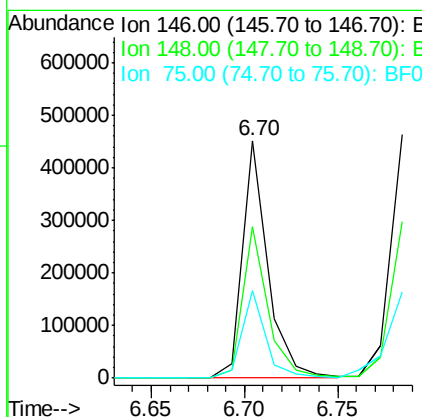
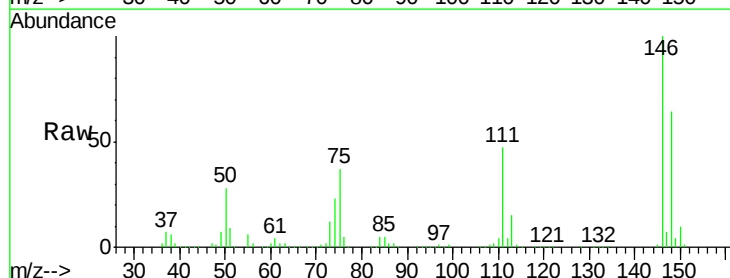
Manual Integrations
APPROVED

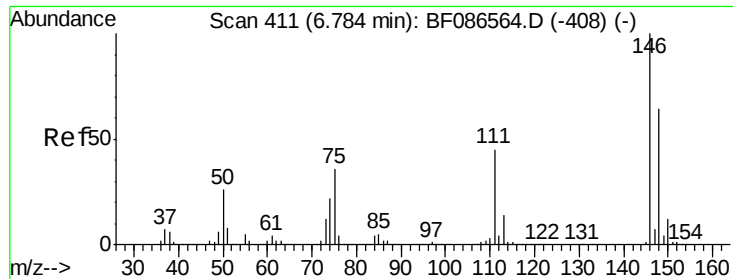
sohil
5/2/2016 7:53:38 PM



#12
1,3-Dichlorobenzene
Concen: 40.97 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429001		
148	63.7	52.4	78.6	
75	36.9	22.8	34.2	





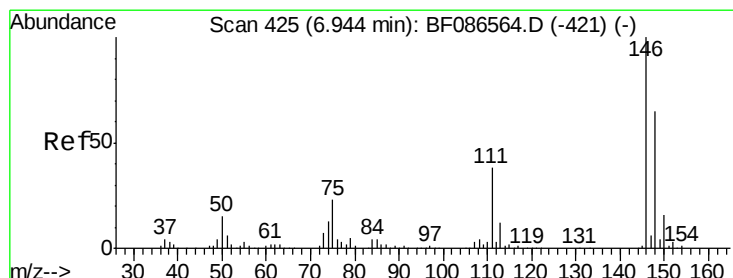
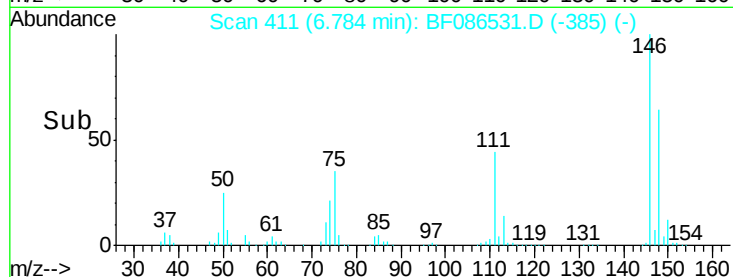
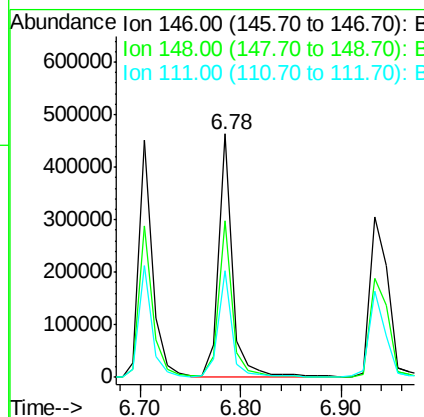
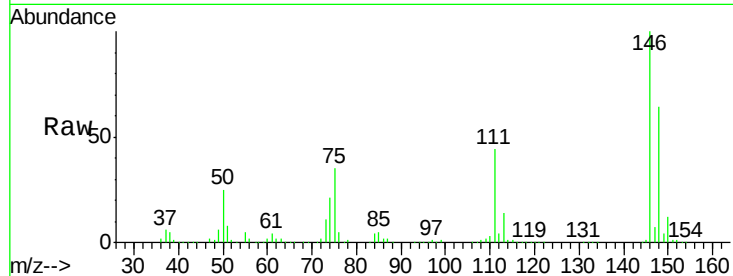
#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
111	44.0	30.7	46.1

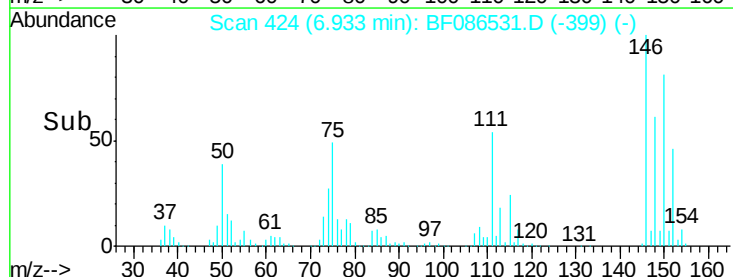
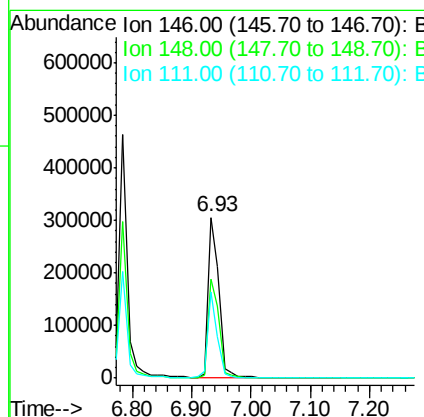
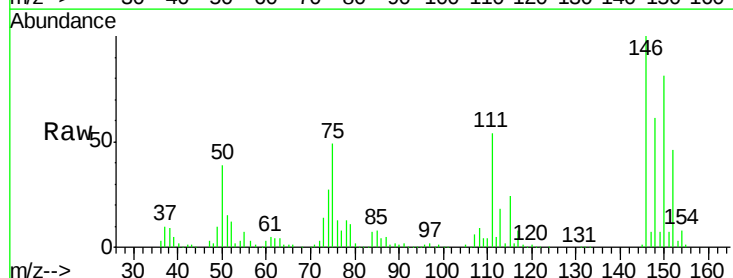
Manual Integrations
 APPROVED

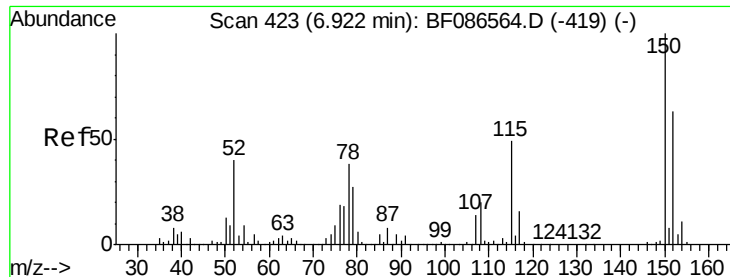
sohil
 5/2/2016 7:53:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.37 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.0	76.6
111	53.6	36.2	54.4





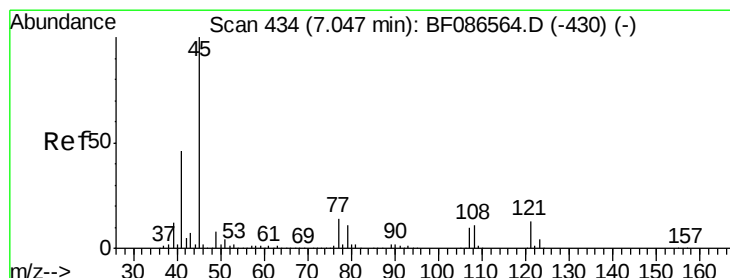
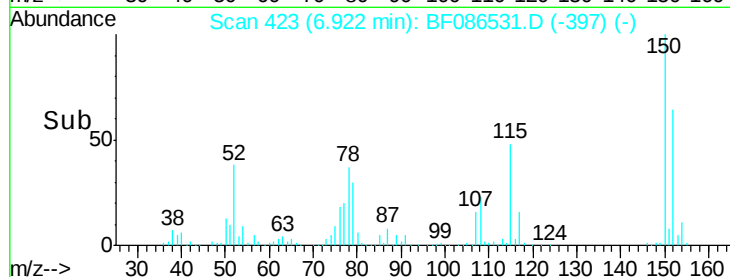
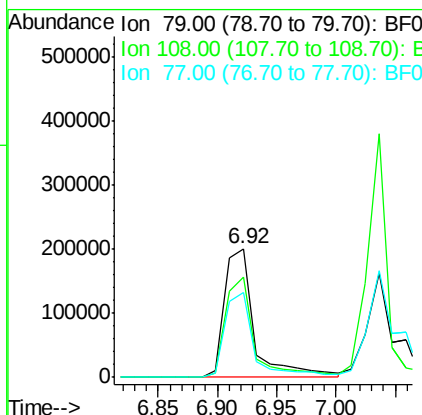
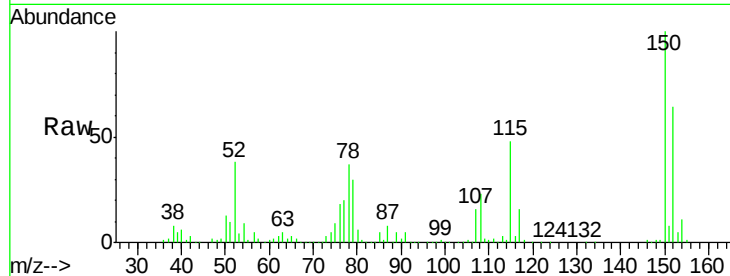
#15
Benzyl Alcohol
Concen: 50.83 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	350832		
108	77.5	68.4	102.6	
77	66.1	50.6	76.0	

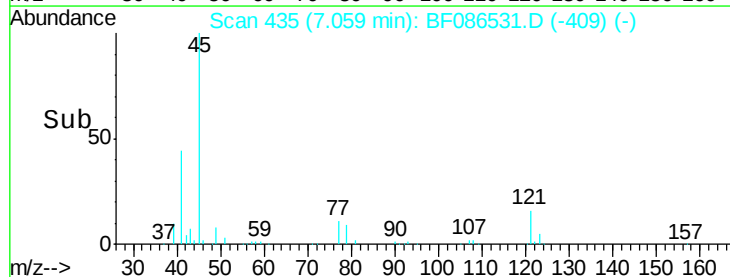
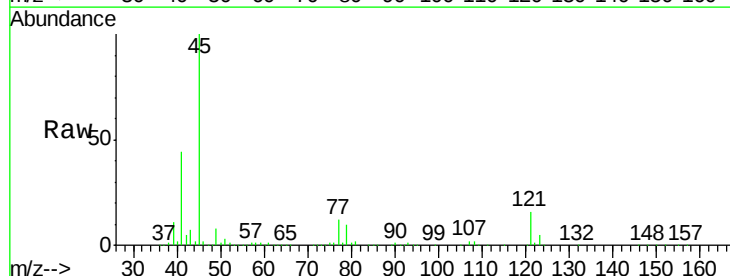
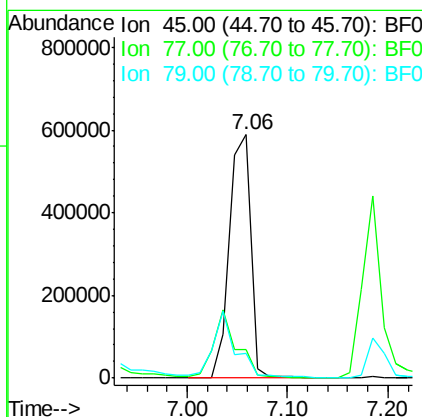
Manual Integrations
APPROVED

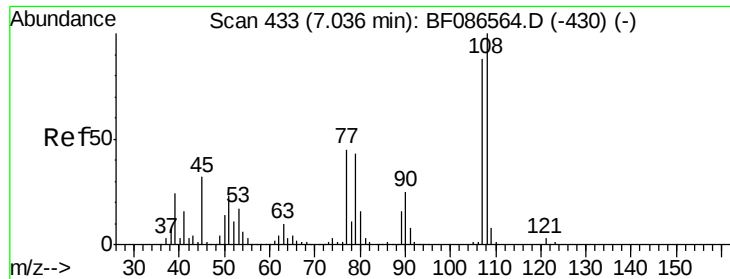
sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.52 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	874389		
77	11.9	0.0	36.4	
79	9.9	0.0	33.4	





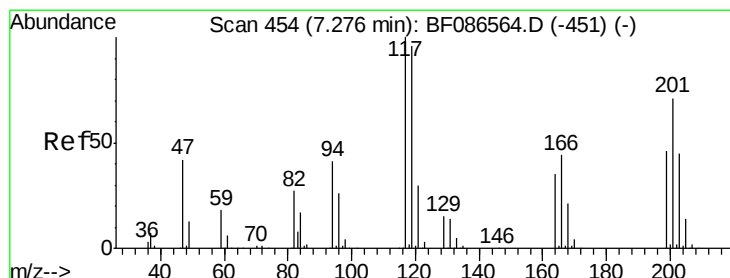
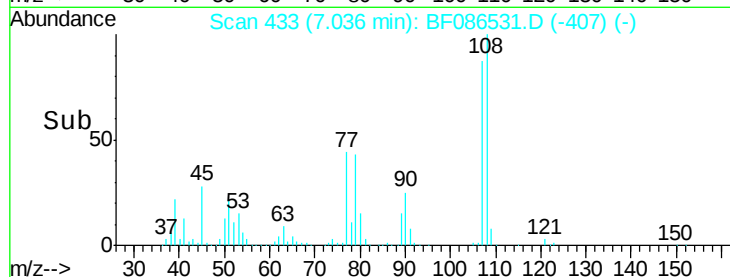
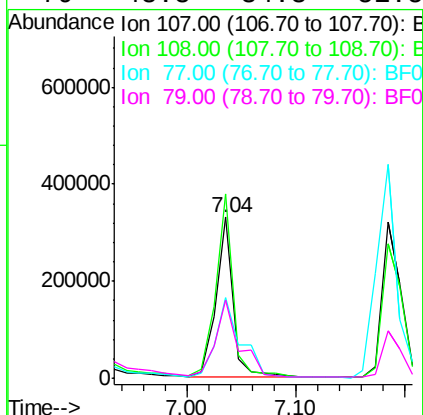
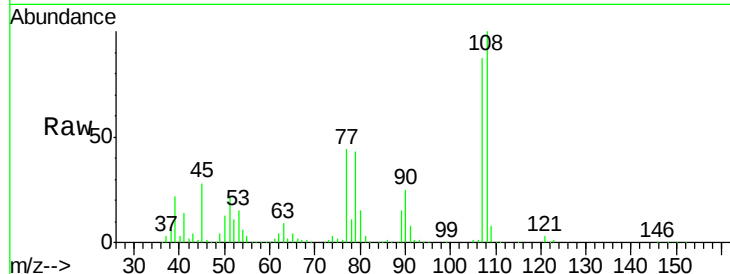
#17
2-Methylphenol
Concen: 46.96 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	369518		
108	114.7	93.7	140.5	
77	50.2	33.4	50.0#	
79	48.8	34.3	51.5	

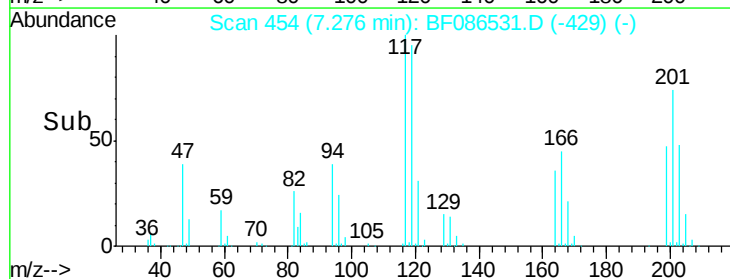
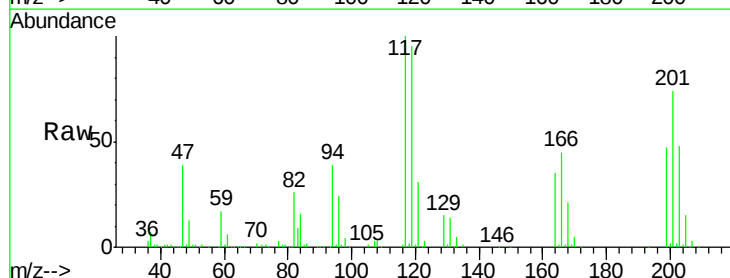
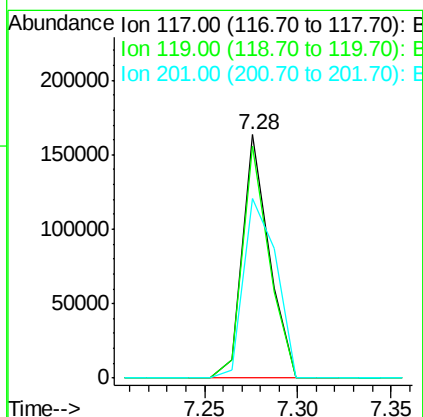
Manual Integrations
APPROVED

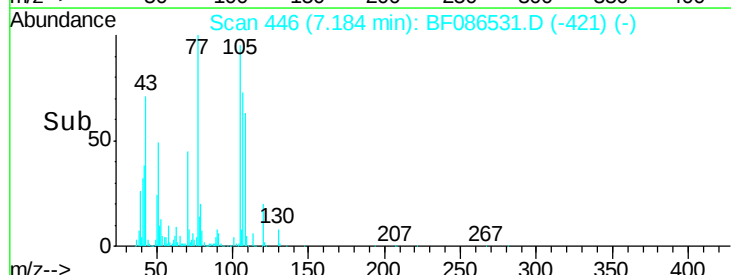
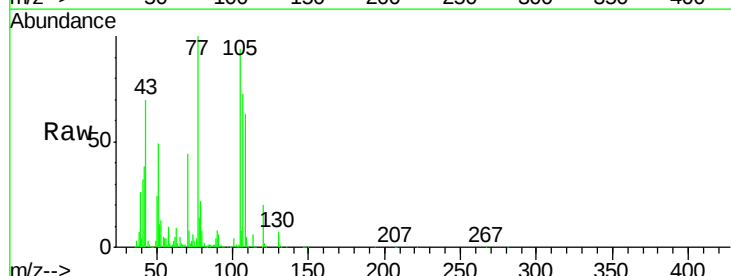
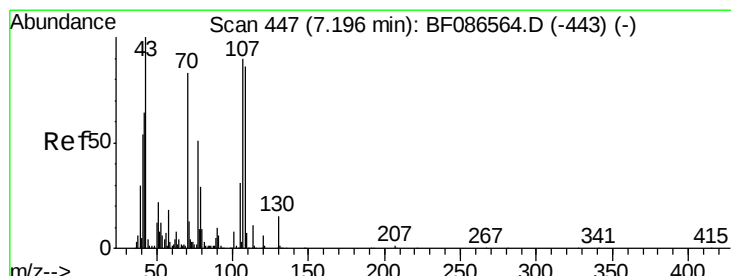
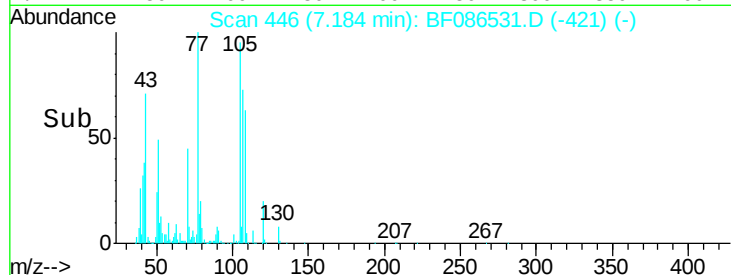
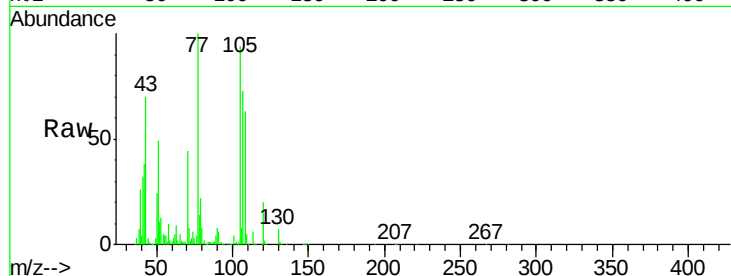
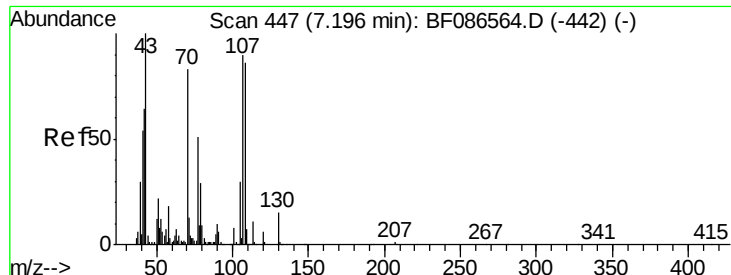
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#18
Hexachloroethane
Concen: 40.29 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162689		
119	95.1	76.5	114.7	
201	73.8	63.0	94.6	





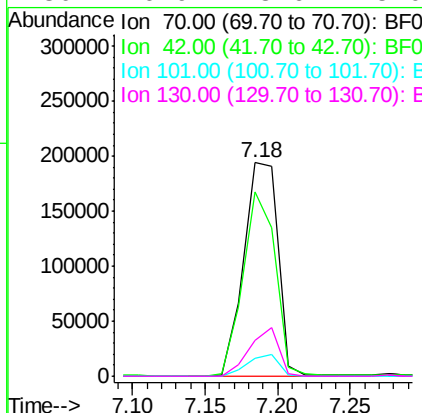
#19
n-Nitroso-di-n-propylamine
Concen: 44.36 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	86.2	43.1	64.7#
101	8.2	8.1	12.1
130	16.9	18.6	28.0#

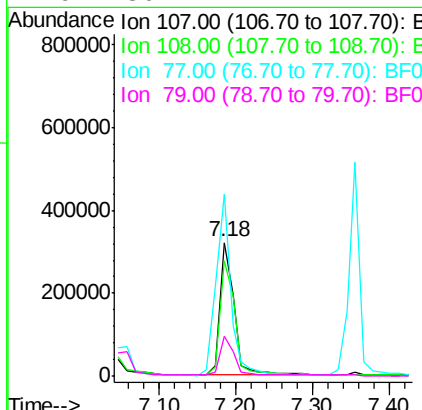
Manual Integrations
APPROVED

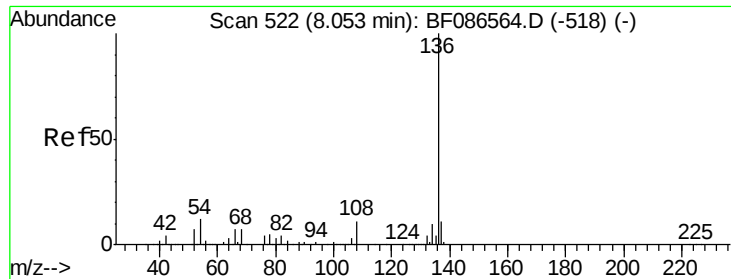
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#20
3+4-Methylphenols
Concen: 46.42 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.3	68.5	108.5
77	136.6	101.6	141.6
79	30.1	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: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

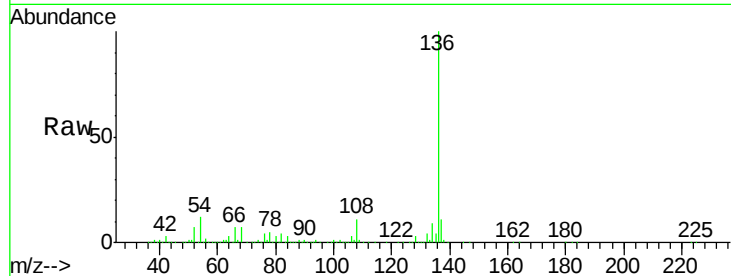
ClientSampleId :

PB90117BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		595119
137	11.1	8.8	13.2
54	12.3	5.0	7.4#
68	7.3	4.4	6.6#

Manual Integrations
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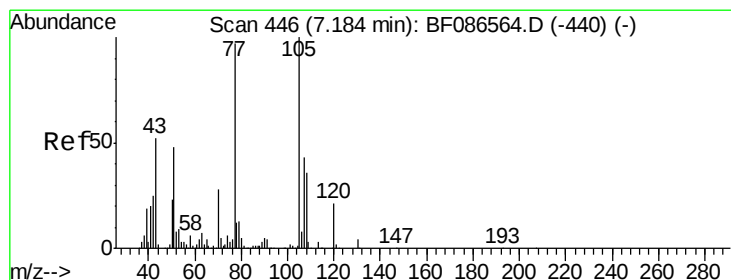
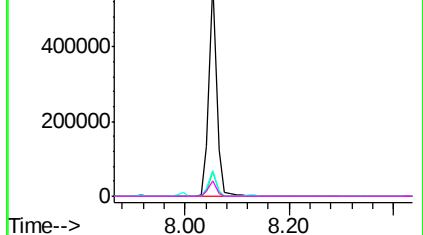
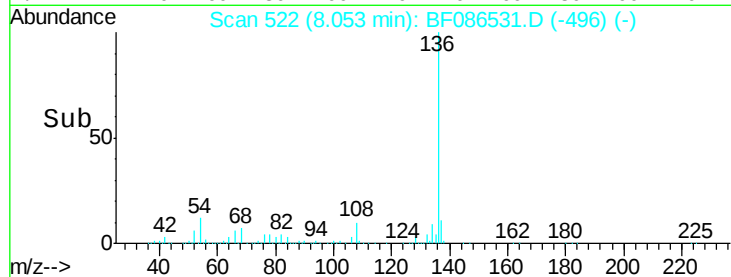


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.69 ng

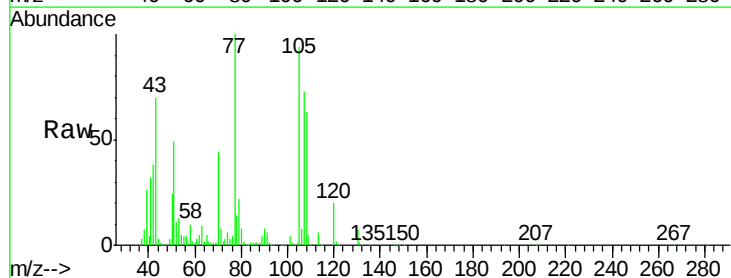
RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp Lower	Upper
105	100		570075
71	8.0	4.8	7.2#
51	52.5	32.6	49.0#
120	21.0	16.5	24.7

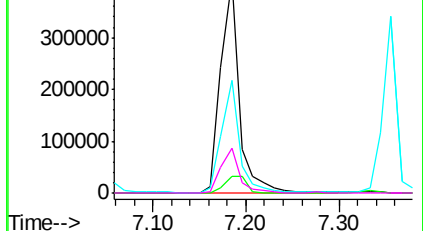
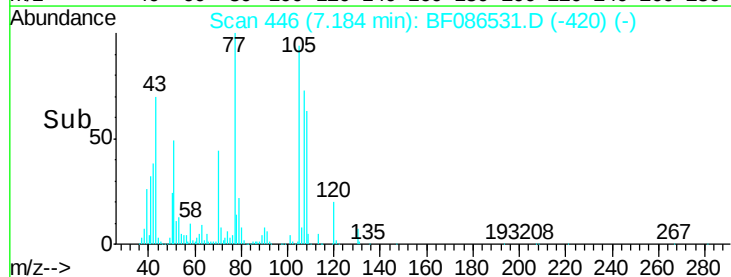


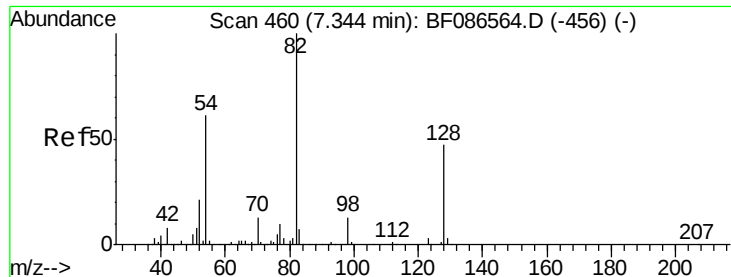
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





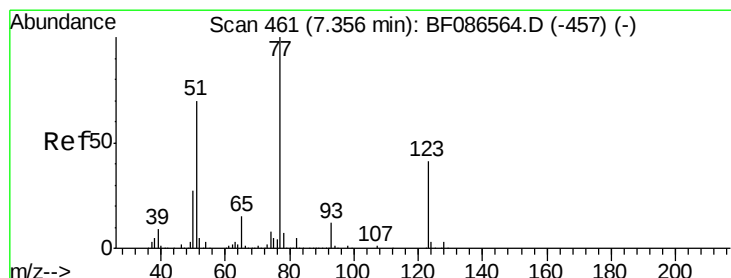
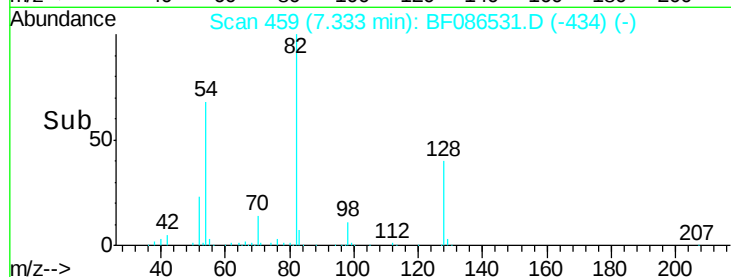
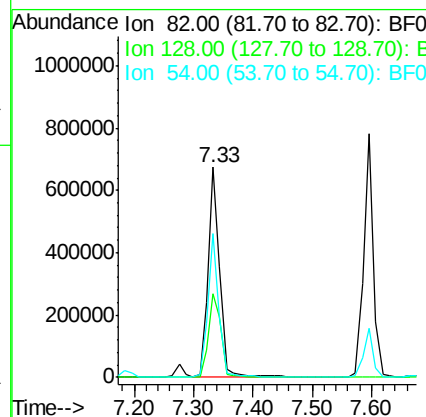
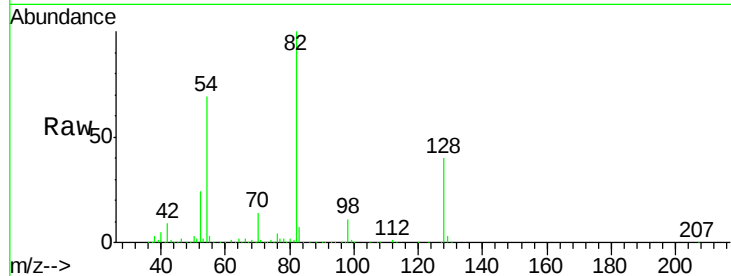
#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.0	40.6	61.0#
54	68.5	38.1	57.1#

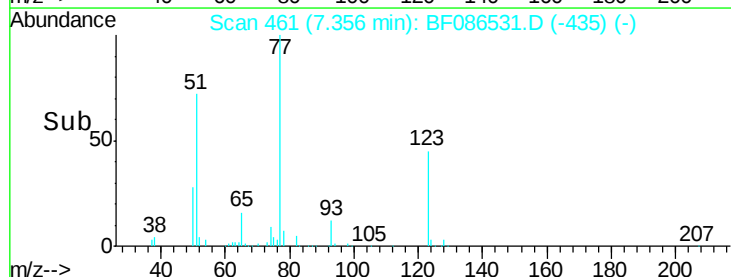
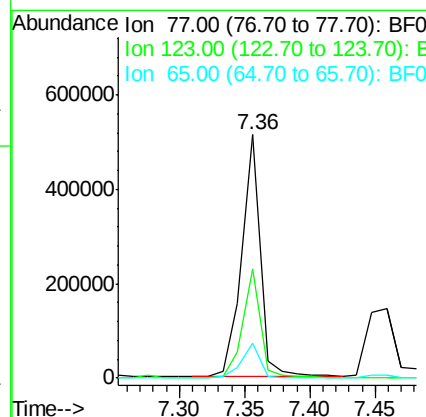
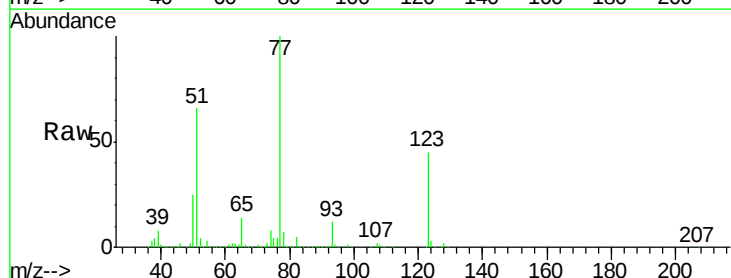
Manual Integrations
 APPROVED

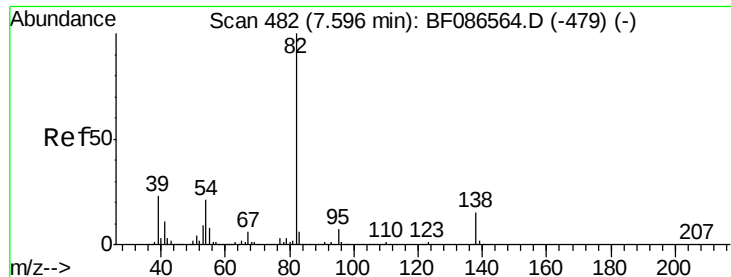
sohil
 5/2/2016 7:53:38 PM



#24
 Nitrobenzene
 Concen: 44.51 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.6	33.0	49.4
65	14.3	10.8	16.2





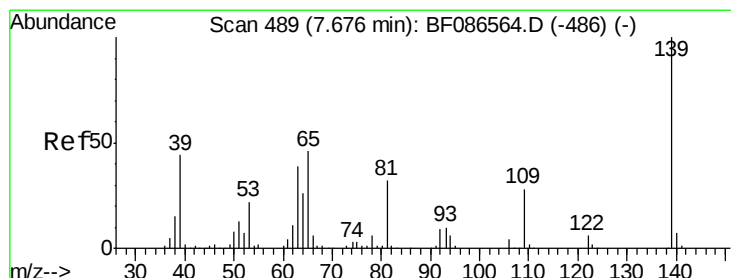
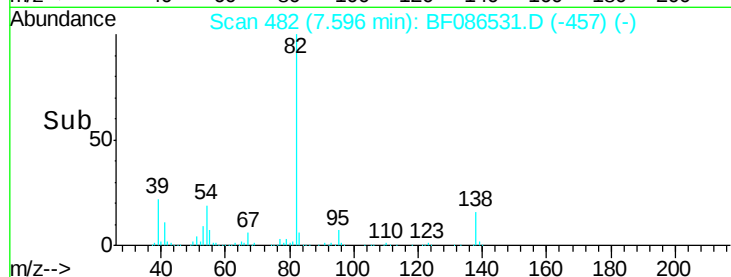
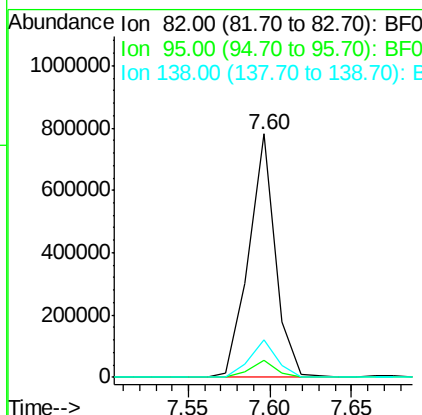
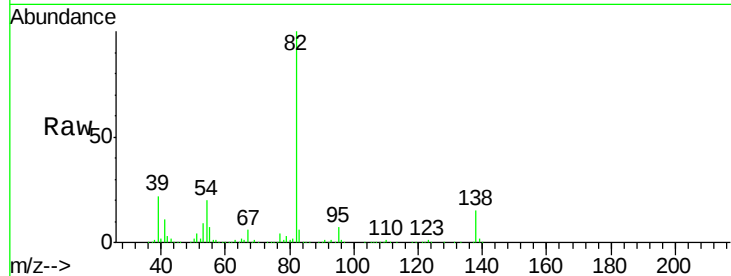
#25
Isophorone
Concen: 41.48 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	881320		
95	6.9	5.1	7.7	
138	15.4	12.4	18.6	

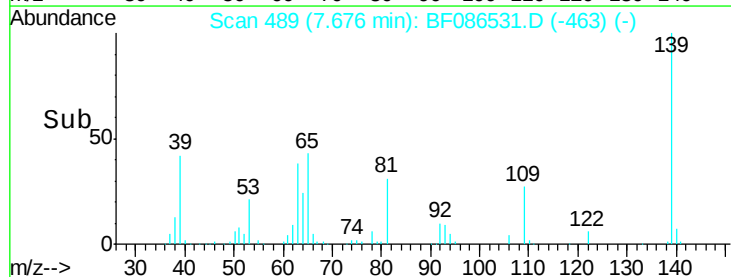
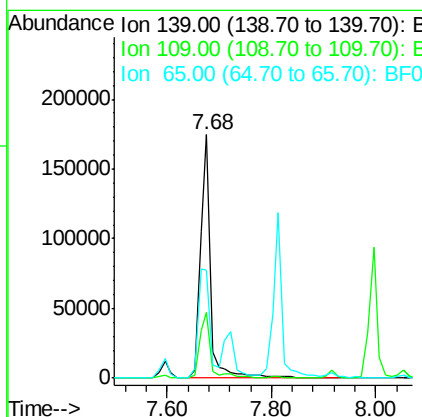
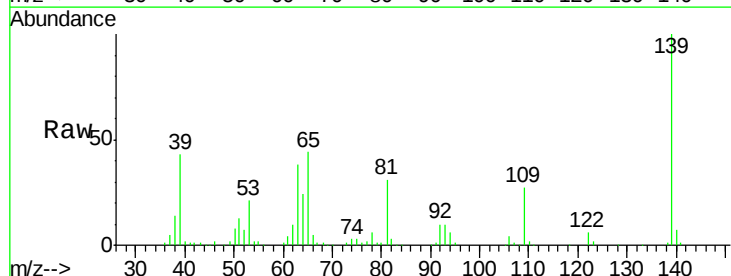
Manual Integrations
APPROVED

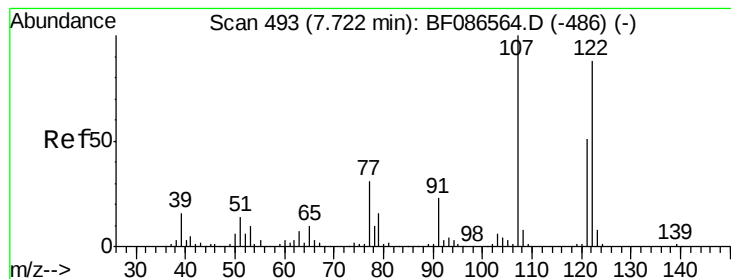
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#26
2-Nitrophenol
Concen: 45.39 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	237342		
109	26.9	19.5	29.3	
65	44.3	37.5	56.3	





#27

2,4-Dimethylphenol

Concen: 46.12 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

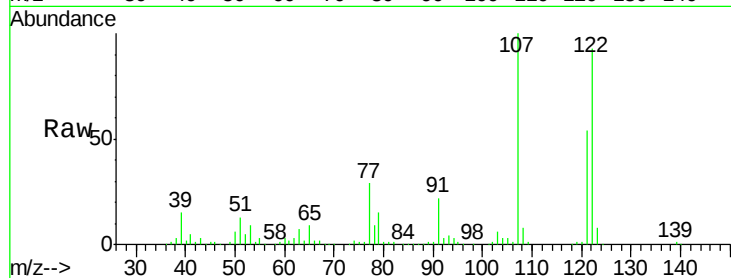
ClientSampleId :

PB90117BS

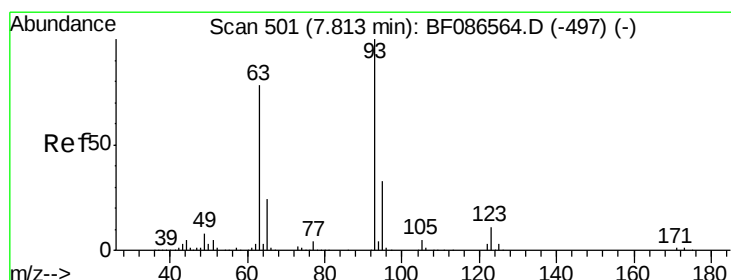
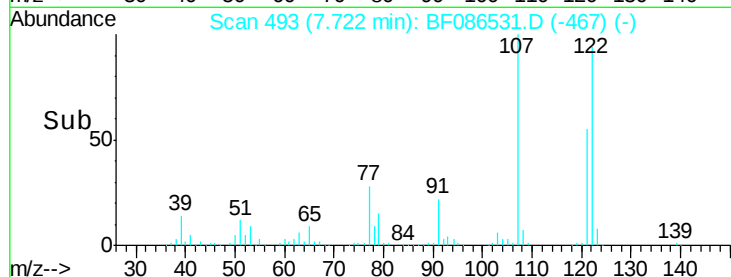
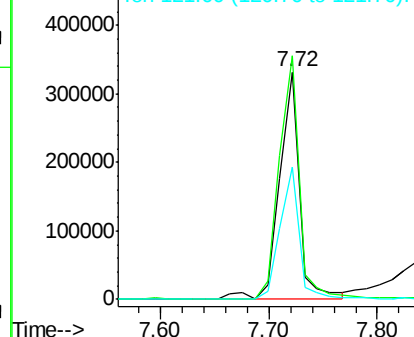
Tgt Ion:	122	Resp:	423198
Ion Ratio	Lower	Upper	
122	100		
107	107.2	82.0	123.0
121	58.2	46.1	69.1

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.18 ng

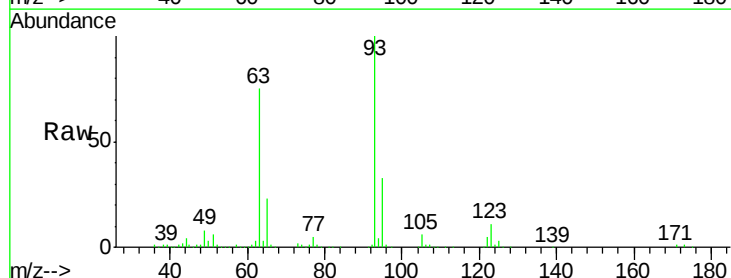
RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

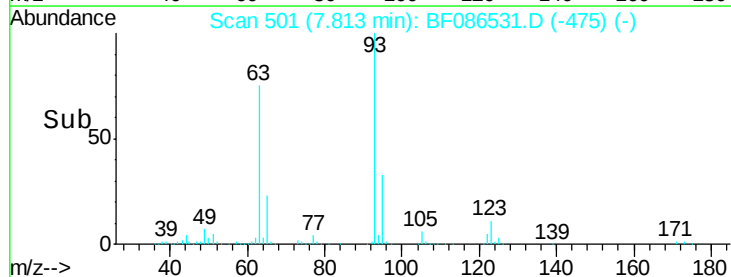
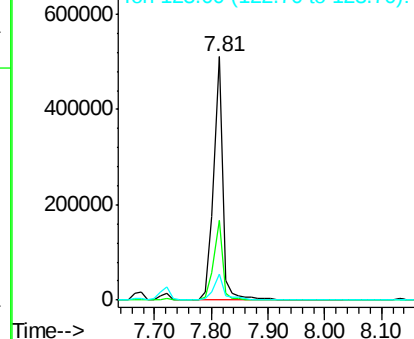
Lab File: BF086531.D

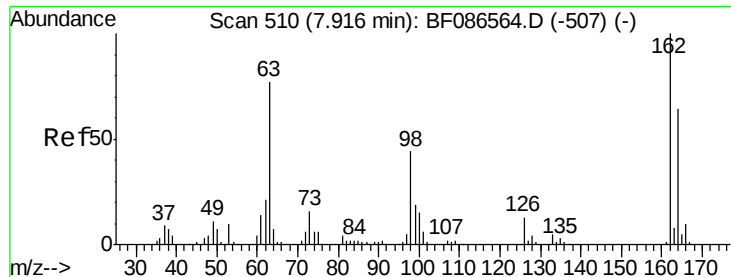
Acq: 30 Apr 2016 18:46

Tgt Ion:	93	Resp:	546179
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	10.9	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





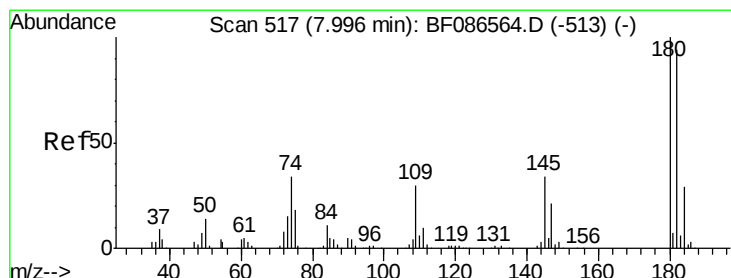
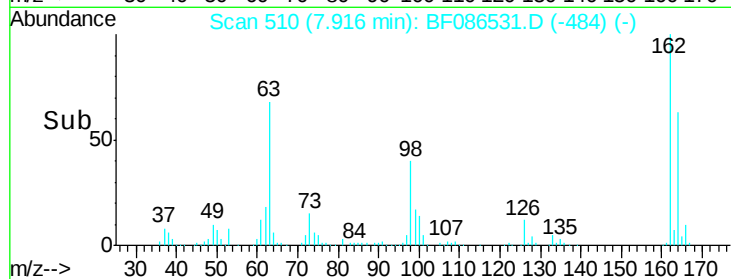
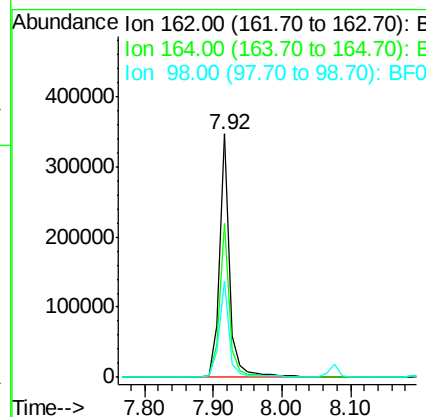
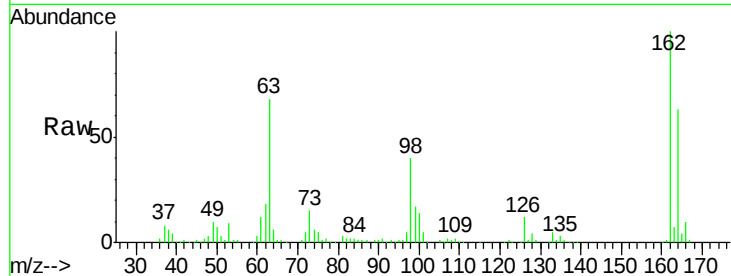
#29
2,4-Dichlorophenol
Concen: 47.17 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	42.2	82.2
98	39.8	19.0	59.0

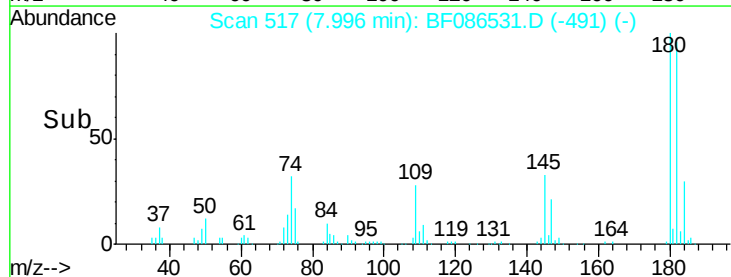
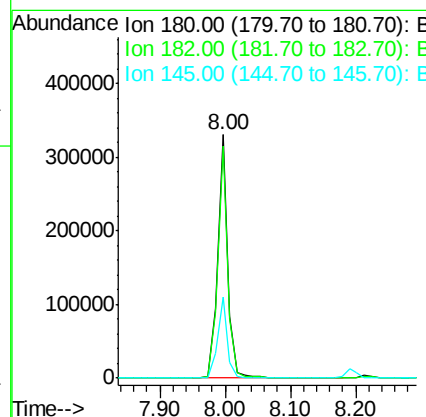
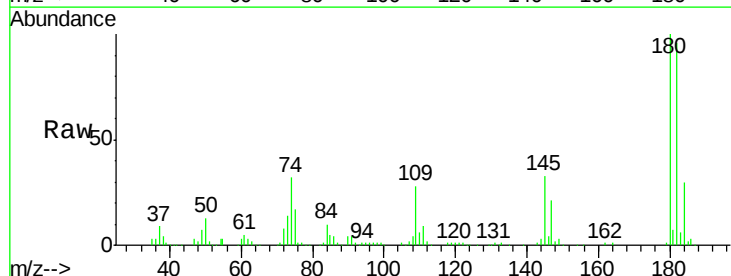
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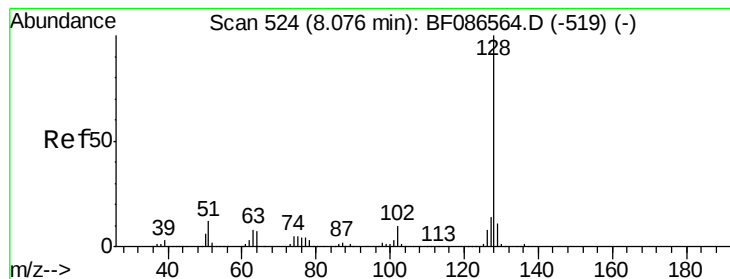
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#30
1,2,4-Trichlorobenzene
Concen: 40.56 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	78.0	117.0
145	33.4	24.2	36.2





#31

Naphthalene

Concen: 41.42 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS

Tgt Ion:128 Resp: 1254432

Ion Ratio Lower Upper

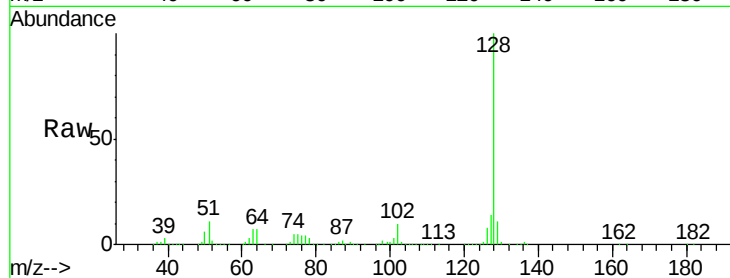
128 100

129 11.4 8.6 13.0

127 13.7 10.8 16.2

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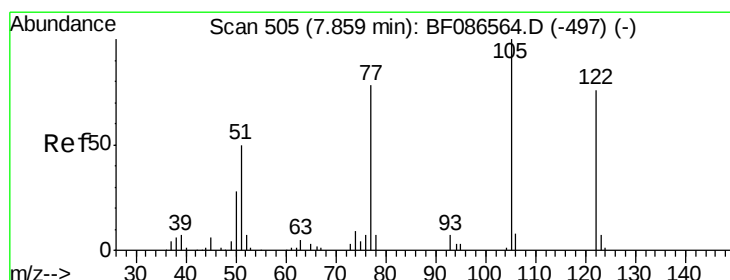
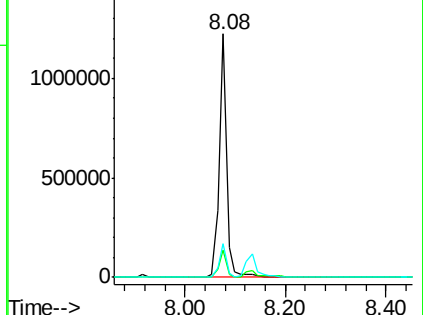
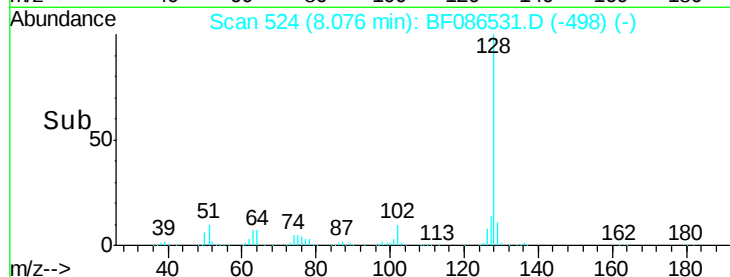
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.58 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

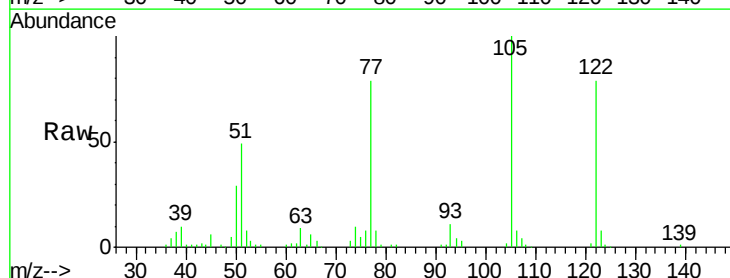
Tgt Ion:122 Resp: 195820

Ion Ratio Lower Upper

122 100

105 126.5 92.6 132.6

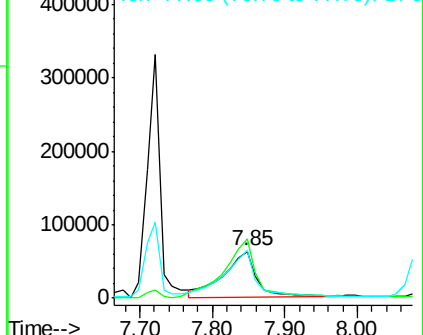
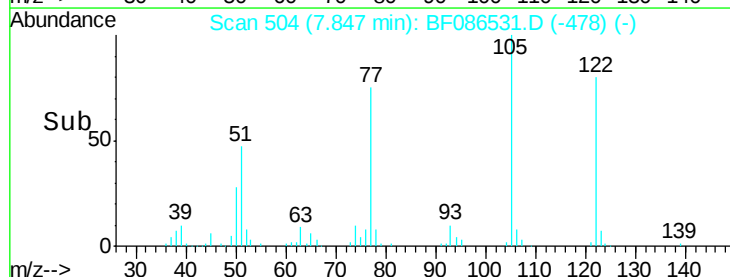
77 100.5 60.0 100.0#

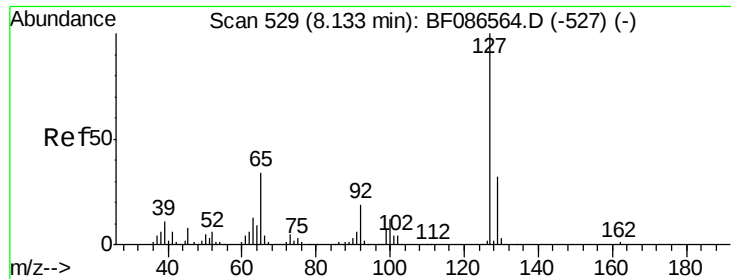


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





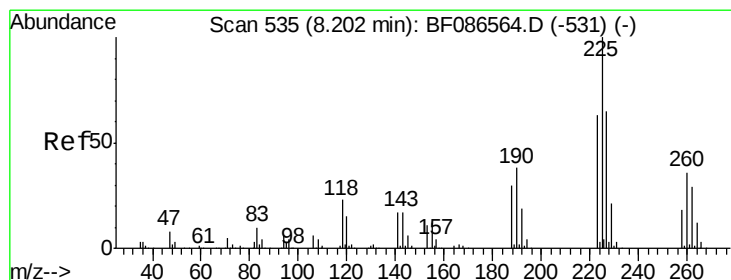
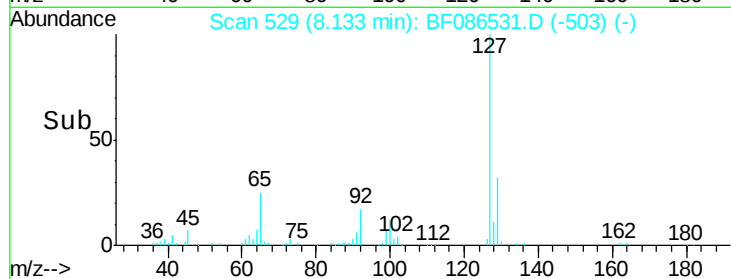
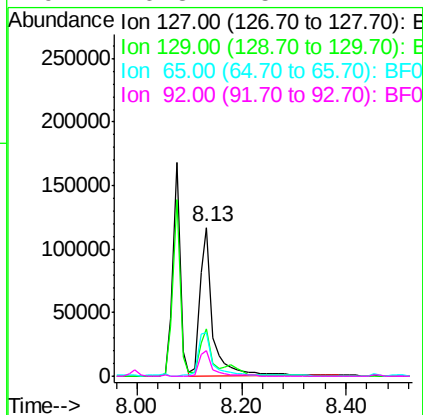
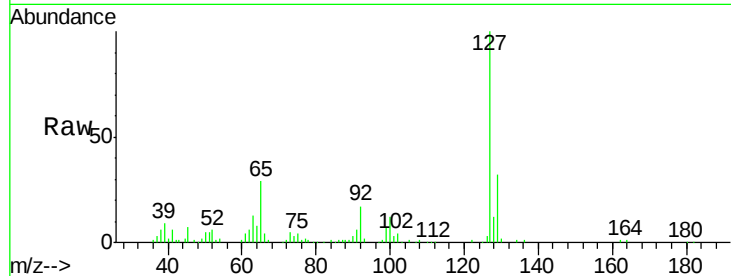
#33
 4-Chloroaniline
 Concen: 17.67 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	200364		
129	31.7	26.2	39.4	
65	29.3	23.0	34.4	
92	16.8	15.1	22.7	

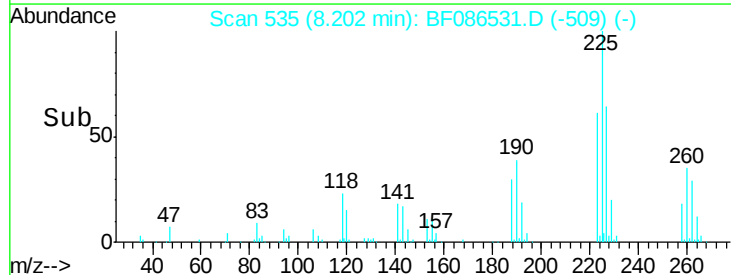
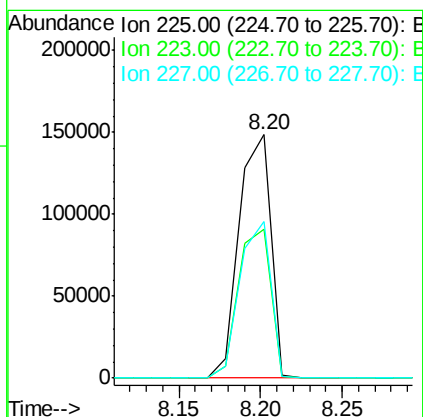
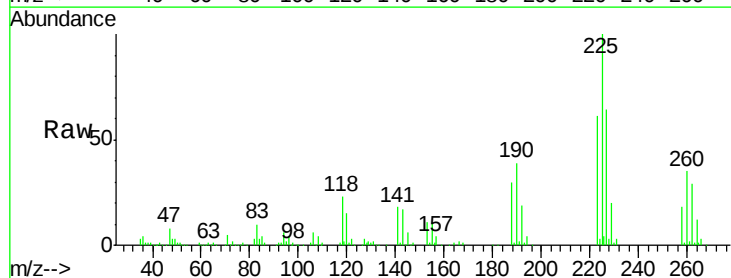
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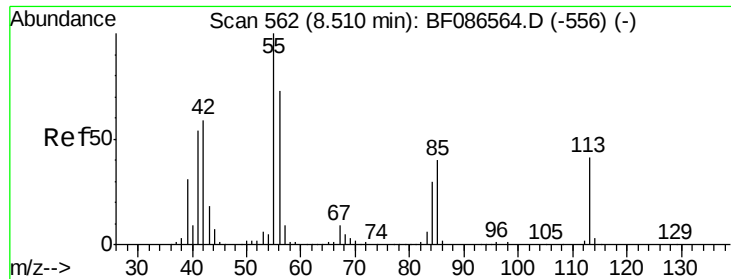
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#34
 Hexachlorobutadiene
 Concen: 39.61 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199412		
223	61.2	51.5	77.3	
227	64.5	52.2	78.2	





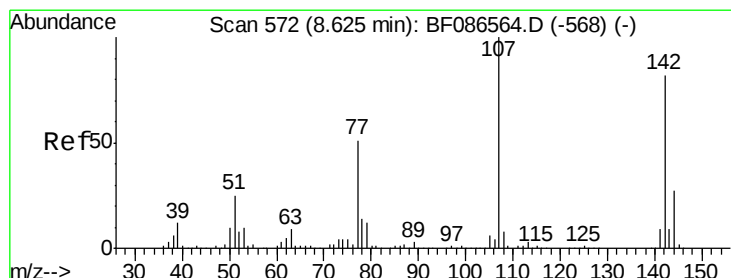
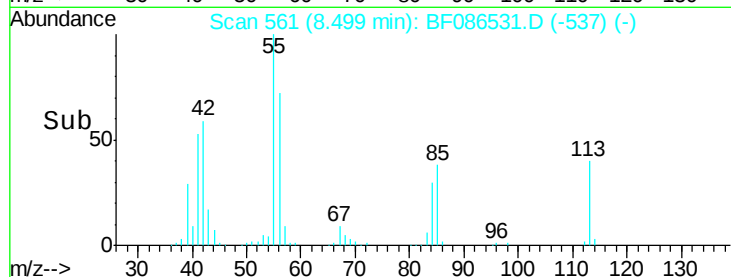
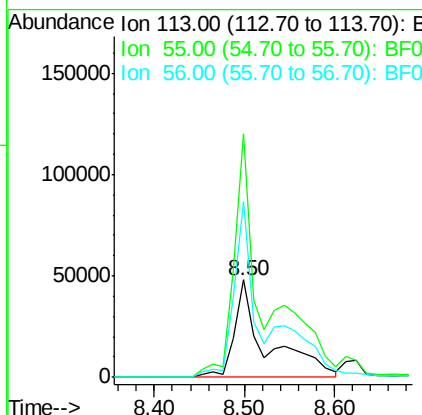
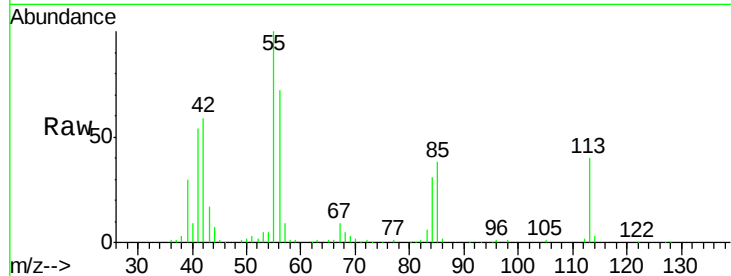
#35
 Caprolactam
 Concen: 46.11 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	119081		
55	250.3	162.0	202.0#	
56	180.6	115.3	155.3#	

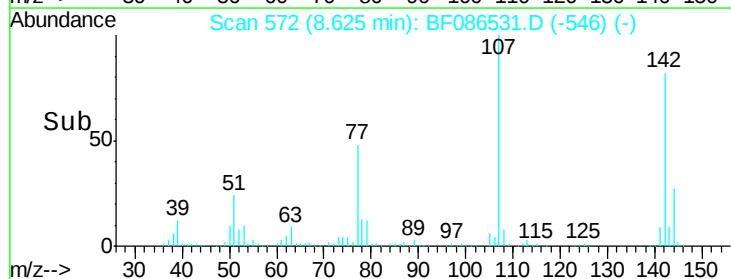
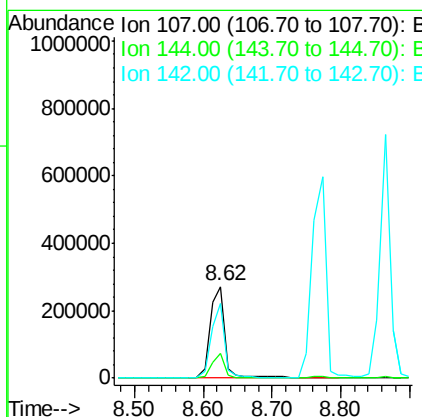
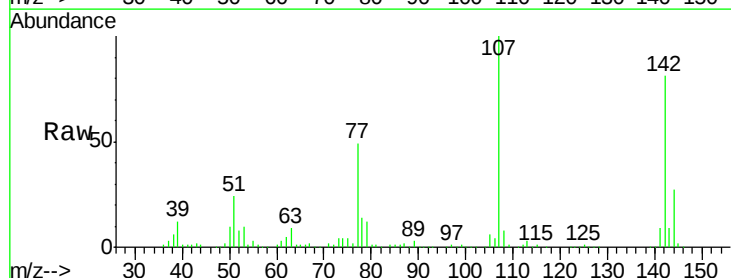
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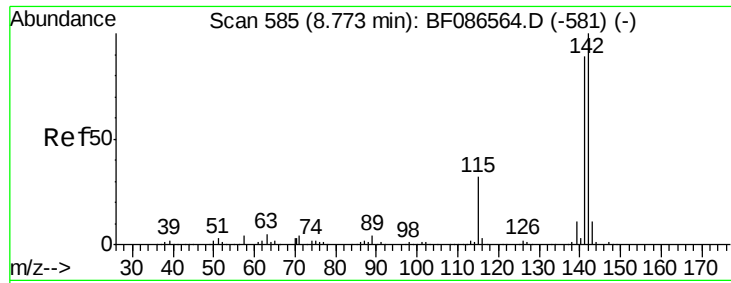
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#36
 4-Chloro-3-methylphenol
 Concen: 46.61 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	413143		
144	27.0	20.7	31.1	
142	81.4	63.2	94.8	





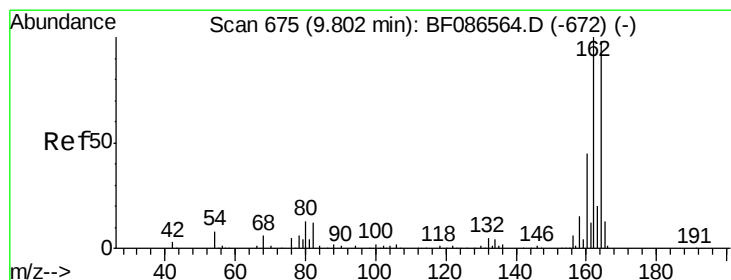
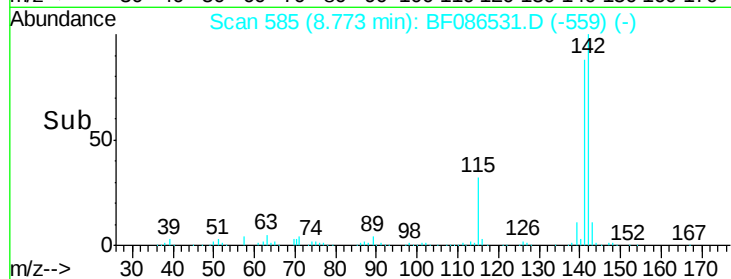
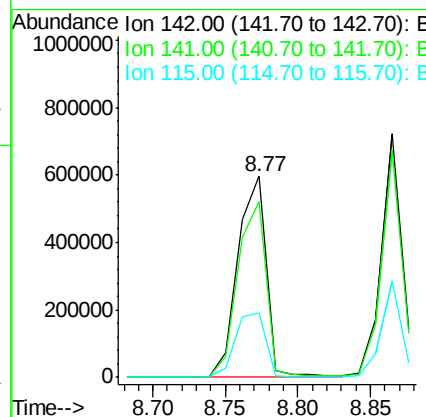
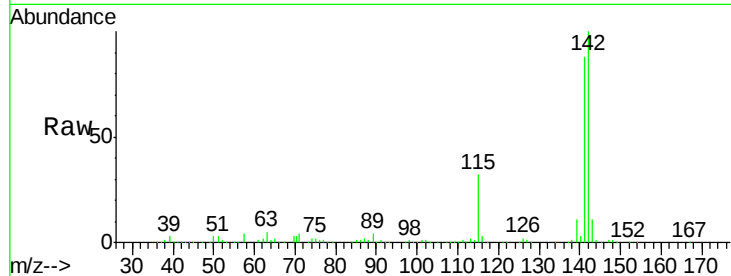
#37
2-Methylnaphthalene
Concen: 45.25 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	808480		
141	87.7	71.0	106.6	
115	31.9	26.6	39.8	

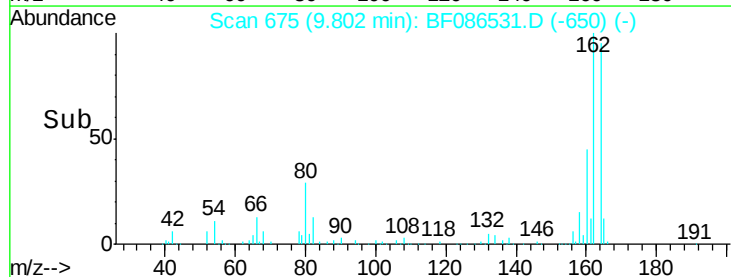
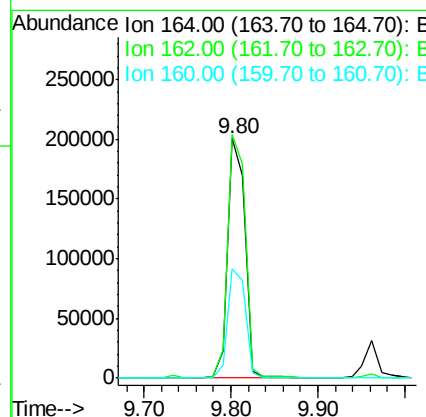
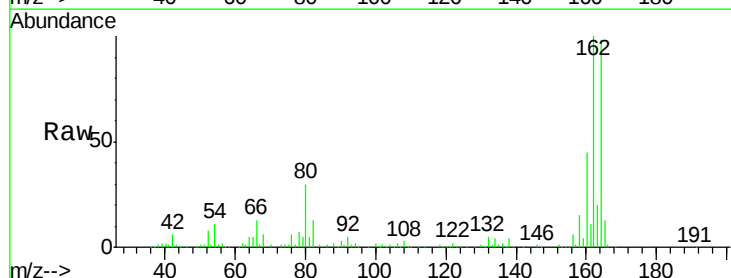
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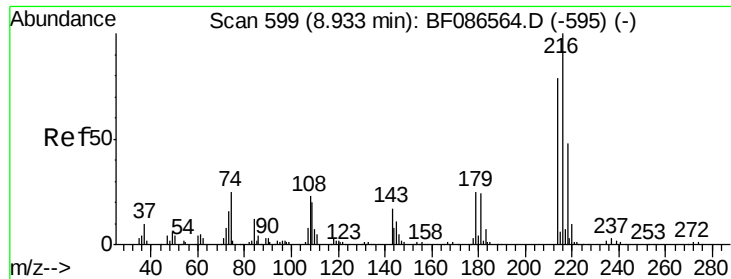
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279537		
162	101.7	82.8	124.2	
160	45.5	36.9	55.3	





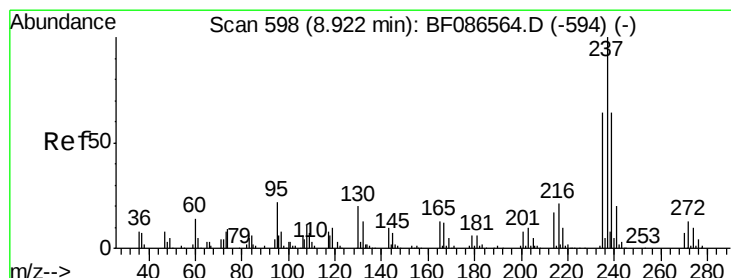
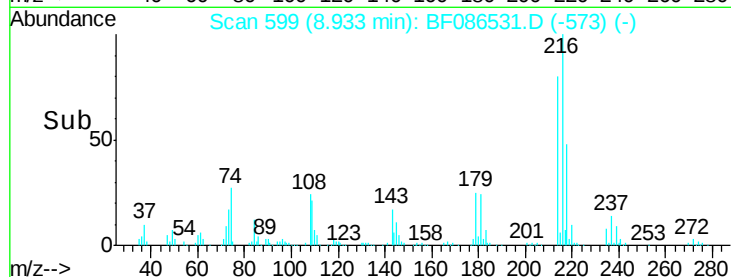
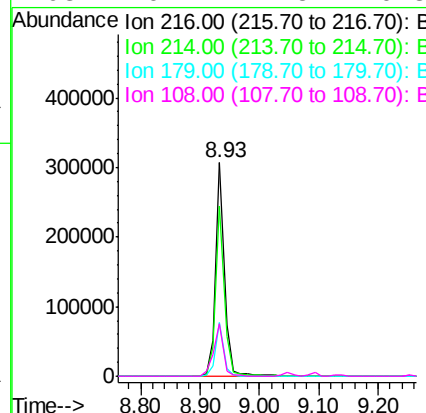
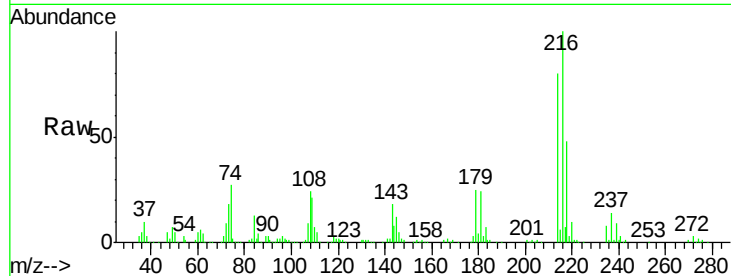
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.47 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	315829		
214	78.9	62.6	93.8	
179	23.9	18.2	27.4	
108	26.7	17.5	26.3	

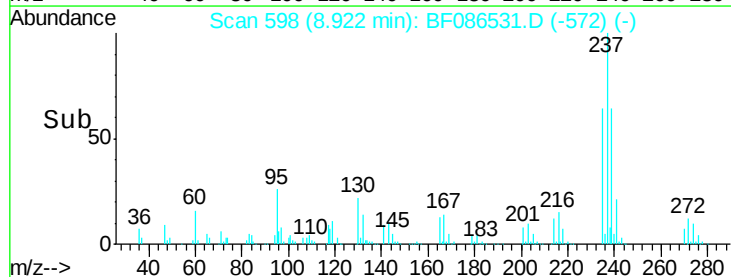
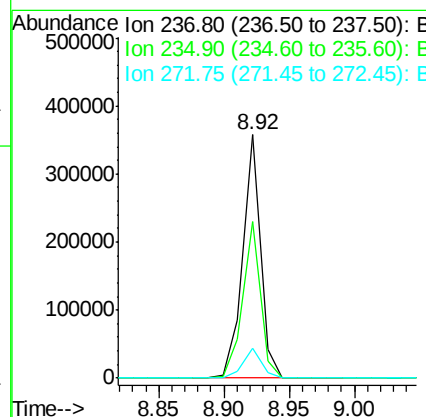
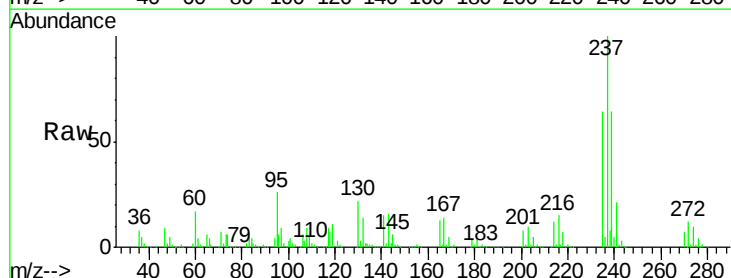
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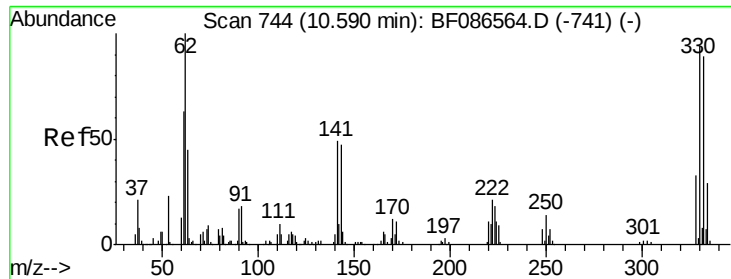
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#40
 Hexachlorocyclopentadiene
 Concen: 84.56 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	336222		
235	64.1	47.2	87.2	
272	12.4	0.0	31.1	





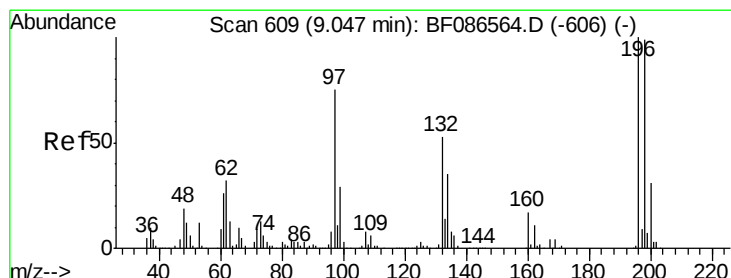
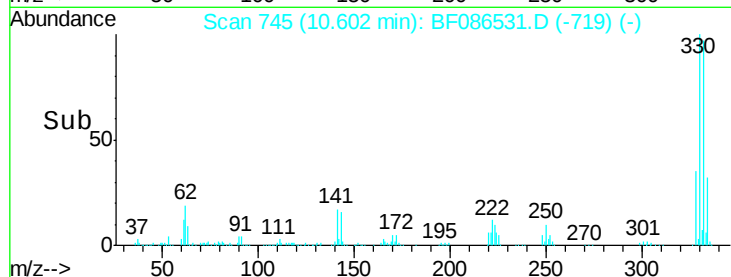
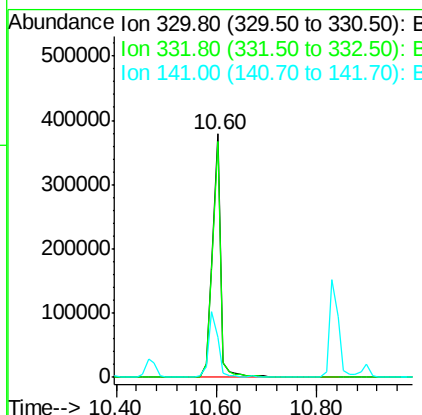
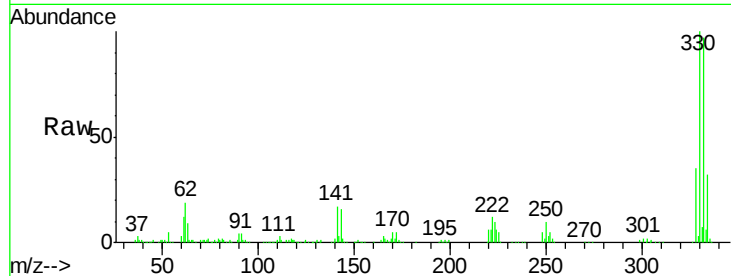
#41
 2,4,6-Tribromophenol
 Concen: 148.27 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleID :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	437095		
332	97.2	79.0	118.4	
141	30.1	31.2	46.8	

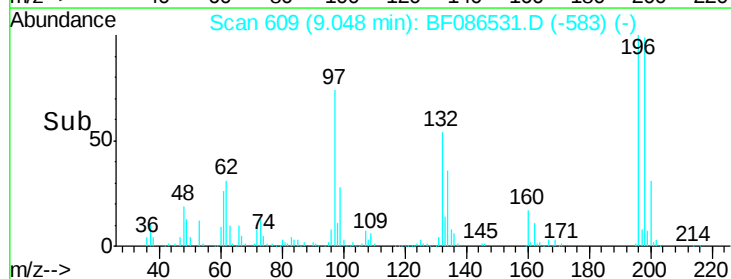
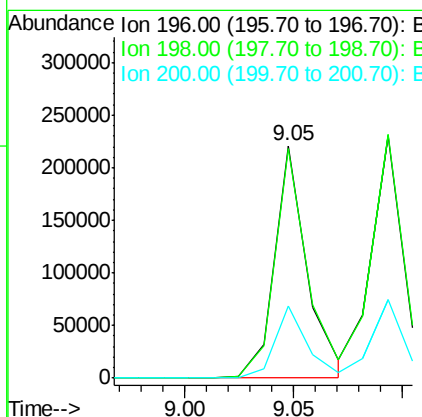
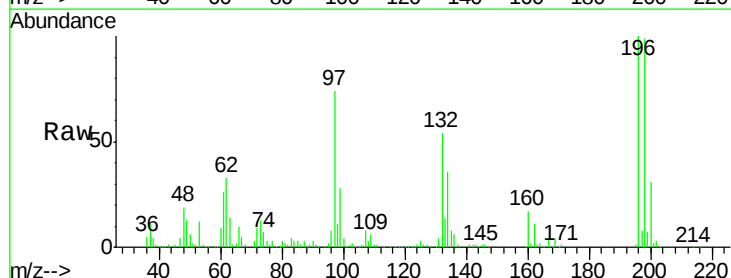
Manual Integrations
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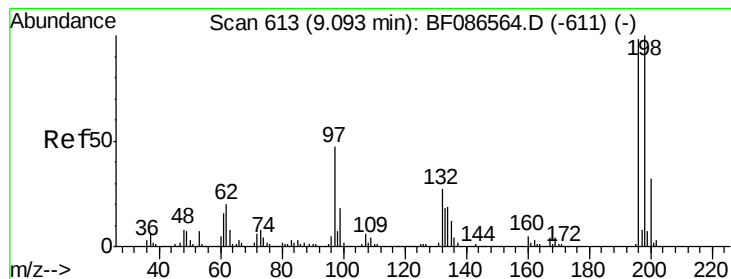
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#42
 2,4,6-Trichlorophenol
 Concen: 45.94 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

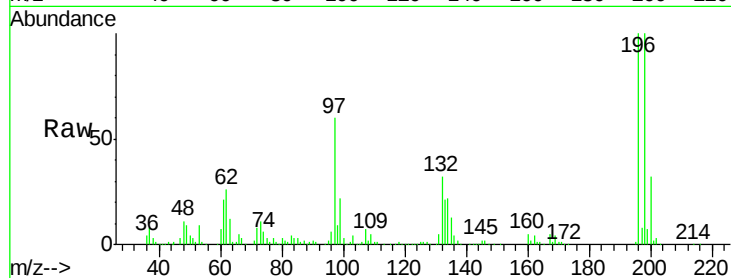
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232354		
198	98.8	74.7	112.1	
200	31.0	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

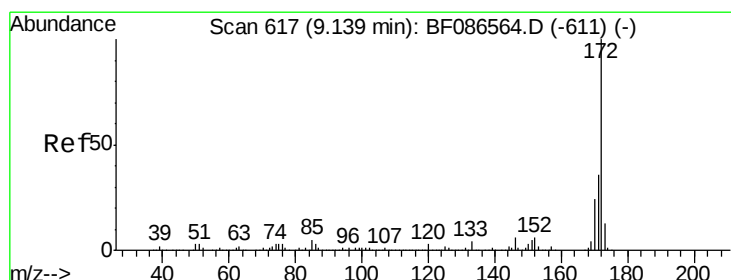
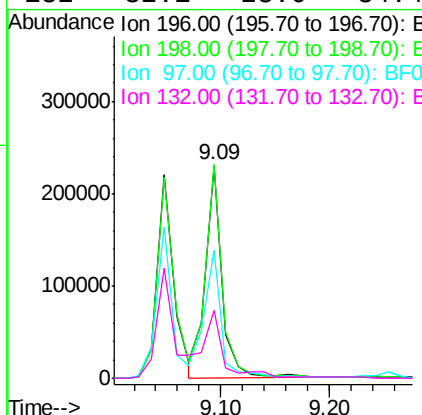
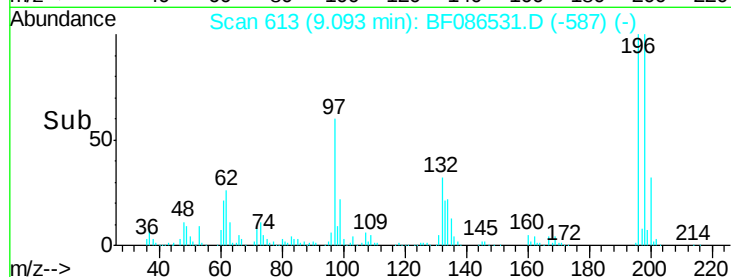
Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS



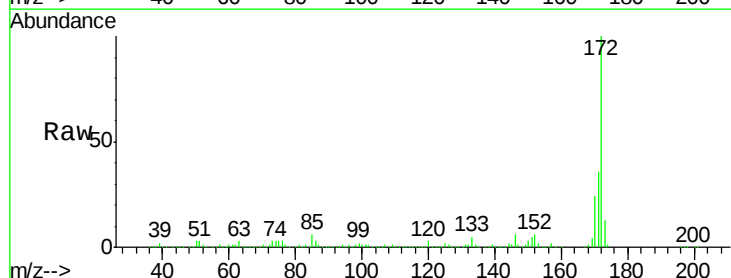
Tgt Ion:	196	Resp:	246908
Ion Ratio	Lower	Upper	
196	100		
198	100.5	77.5	116.3
97	60.2	34.8	52.2#
132	32.1	23.0	34.4

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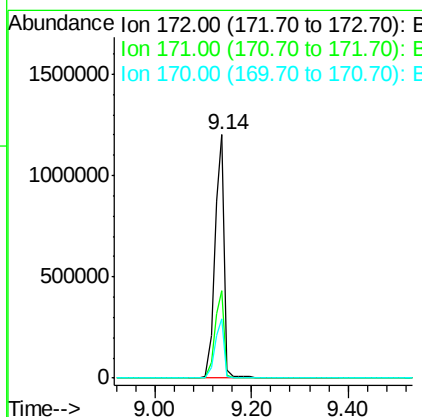
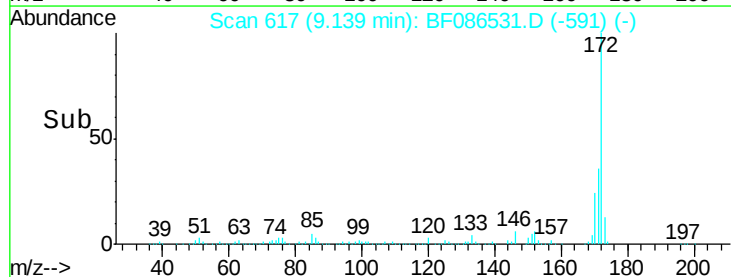
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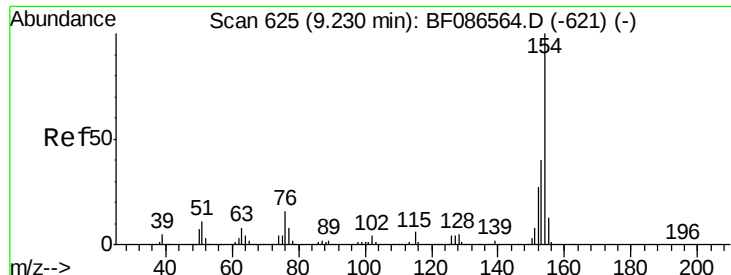


#44
 2-Fluorobiphenyl
 Concen: 108.48 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46



Tgt Ion:	172	Resp:	1637892
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.6
170	24.1	19.8	29.8





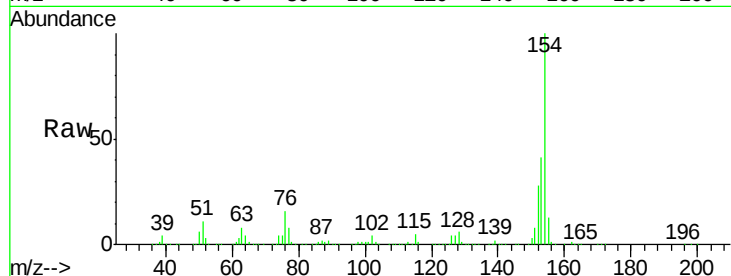
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

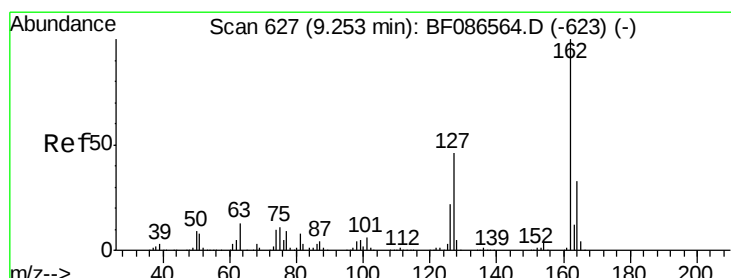
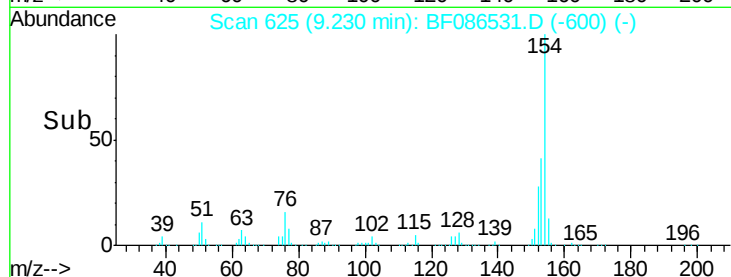
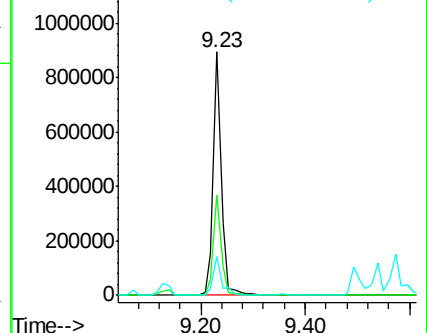
Tgt Ion:	154	Resp:	965301
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.3	60.3
76	15.9	0.0	30.2

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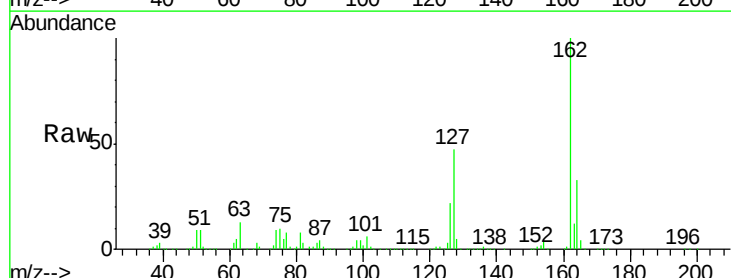


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

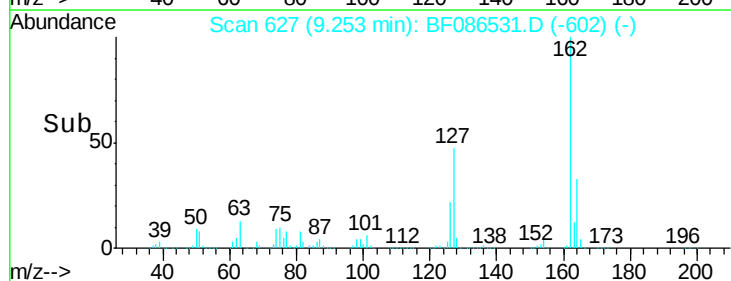
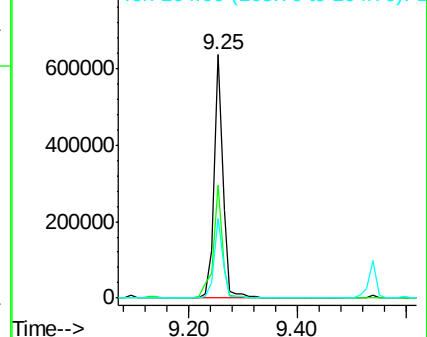


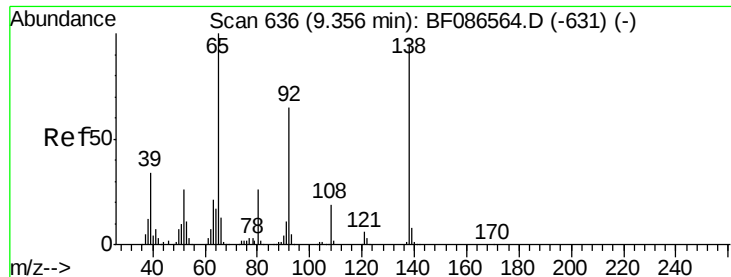
#46
 2-Chloronaphthalene
 Concen: 41.07 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:	162	Resp:	729639
Ion Ratio	Lower	Upper	
162	100		
127	46.6	31.8	47.6
164	32.9	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





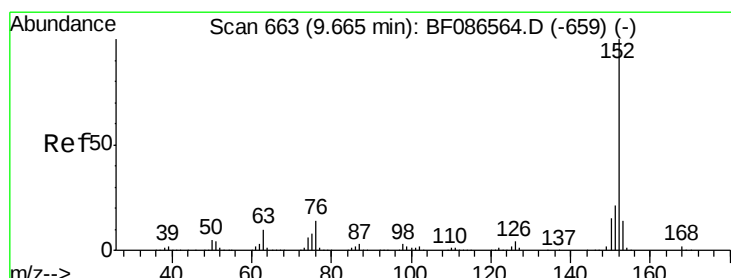
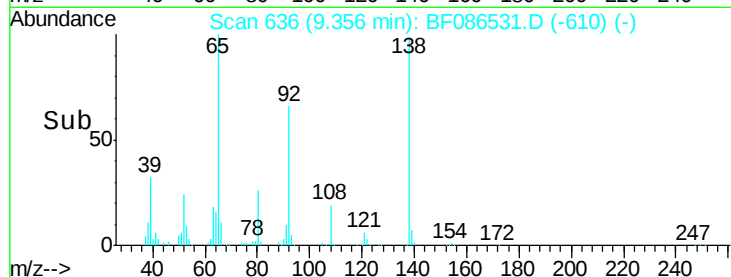
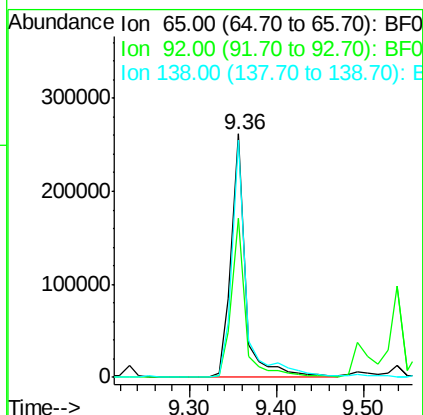
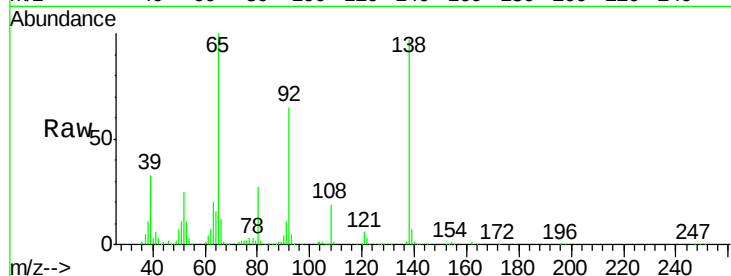
#47
2-Nitroaniline
Concen: 54.04 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	307865		
92	65.2	57.4	86.2	
138	97.3	90.1	135.1	

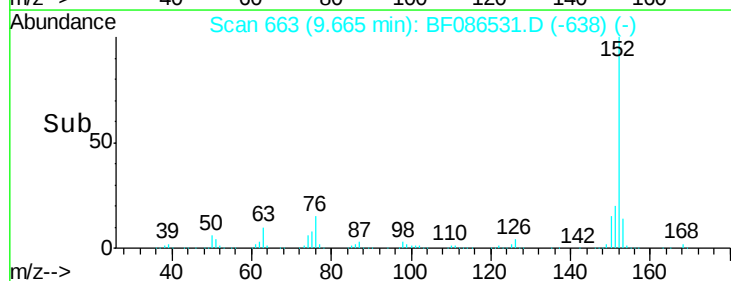
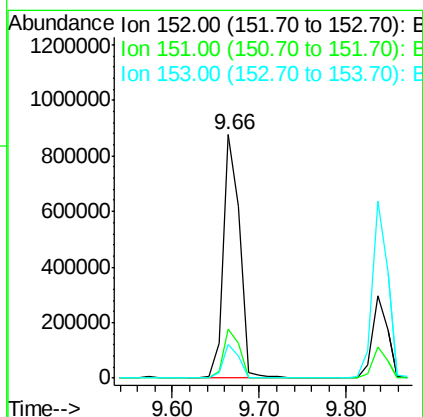
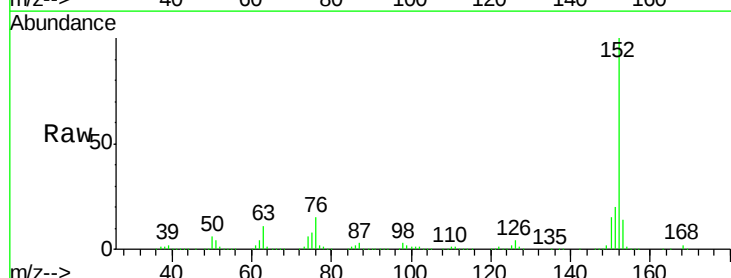
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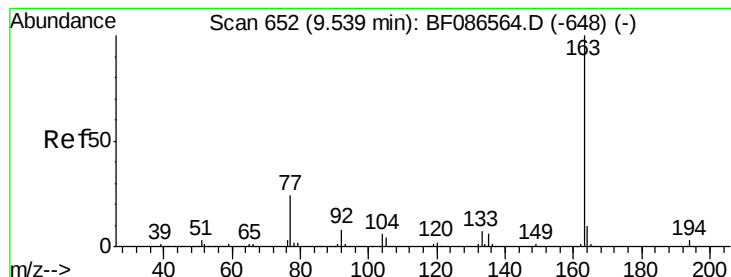
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#48
Acenaphthylene
Concen: 41.42 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1150115		
151	20.2	16.8	25.2	
153	14.1	10.9	16.3	





#49

Dimethylphthalate

Concen: 43.41 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

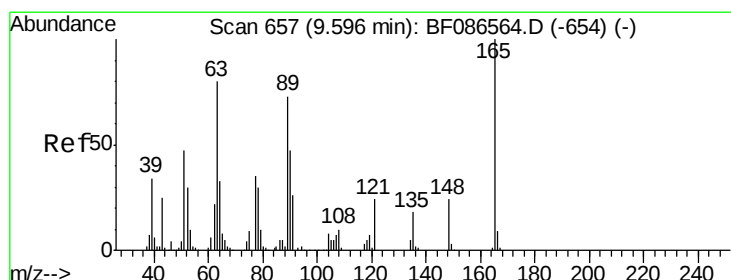
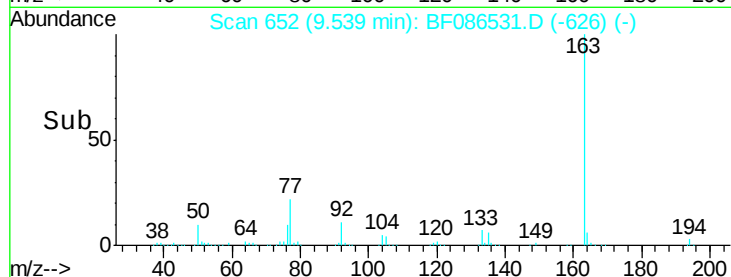
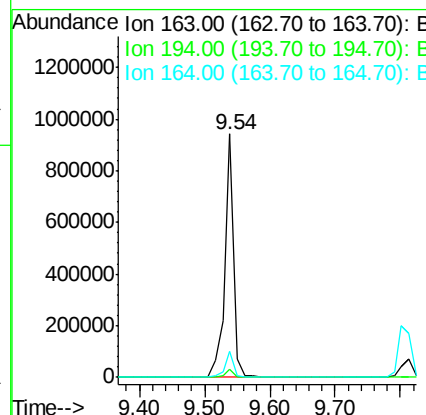
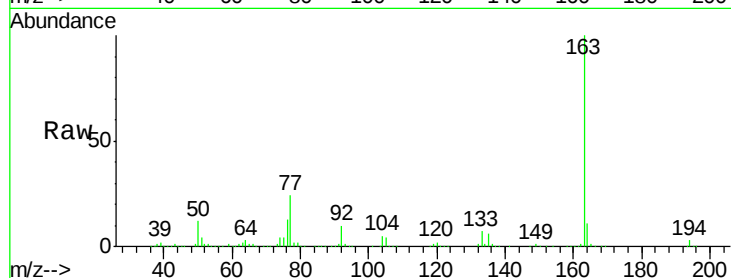
ClientSampleId :

PB90117BS

Tgt Ion:	163	Resp:	913495
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.5	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 43.67 ng

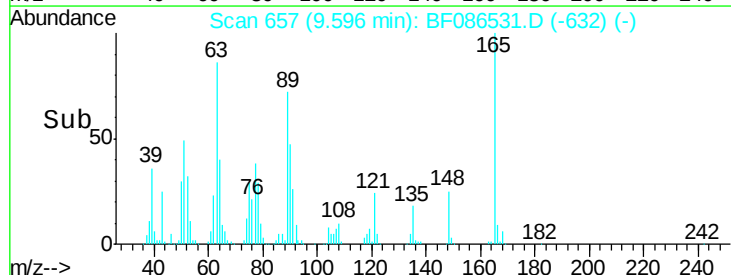
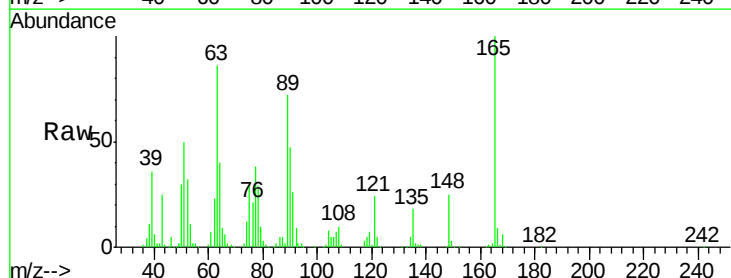
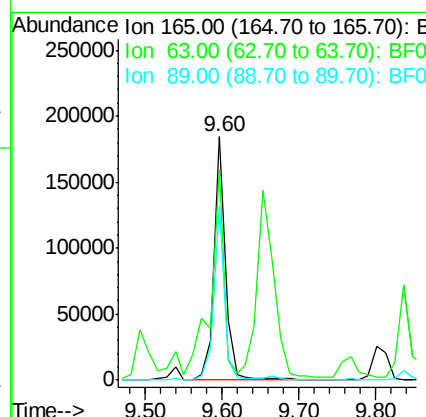
RT: 9.60 min Scan# 657

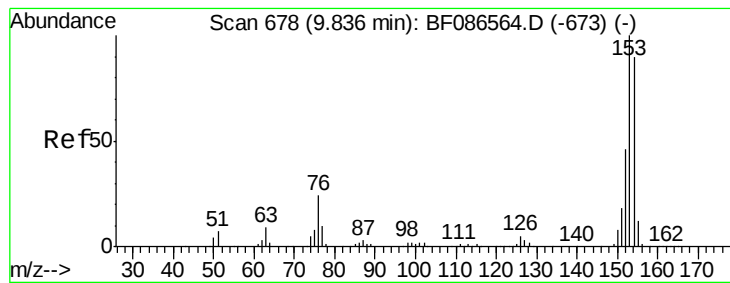
Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	165	Resp:	189838
Ion Ratio	Lower	Upper	
165	100		
63	86.4	51.8	77.8#
89	71.8	50.7	76.1





#51

Acenaphthene

Concen: 46.14 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086531.D

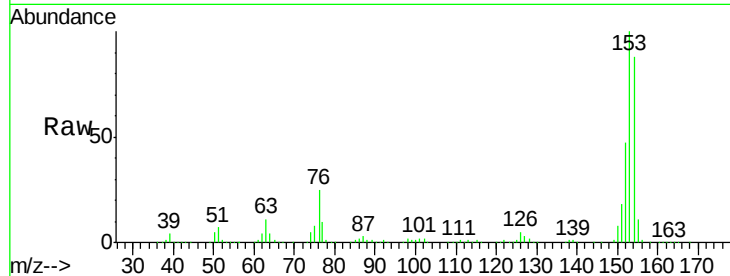
Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

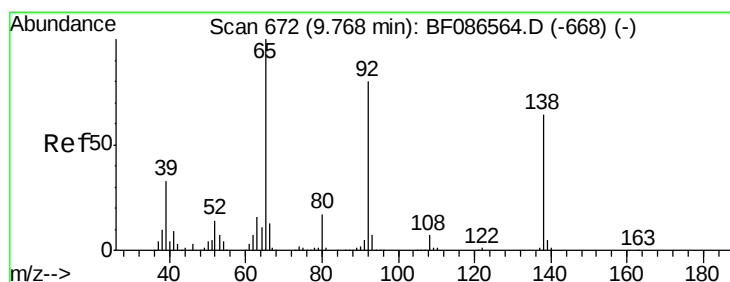
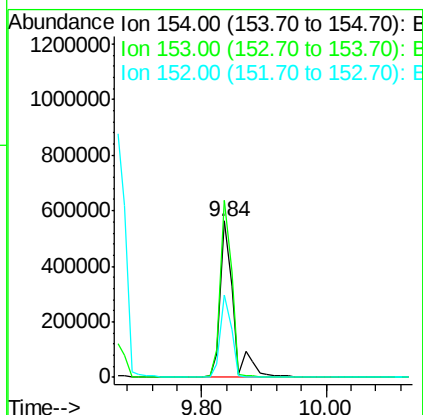
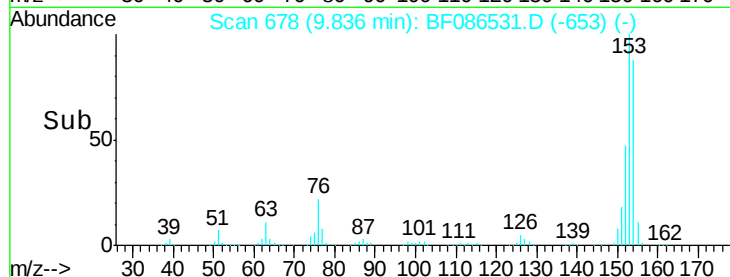
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Tgt Ion:	154	Resp:	822925
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	53.0	43.4	65.0

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#52

3-Nitroaniline

Concen: 25.38 ng

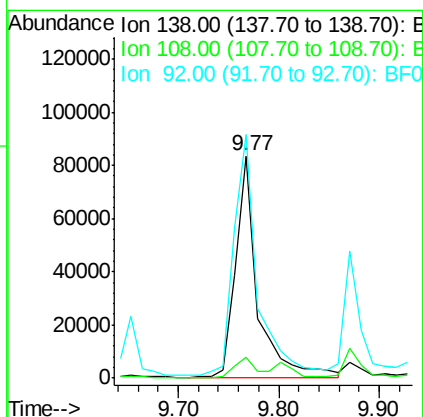
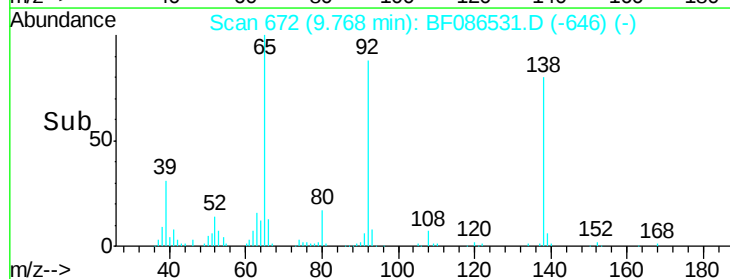
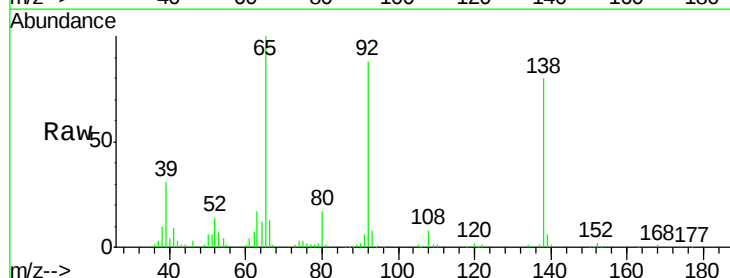
RT: 9.77 min Scan# 672

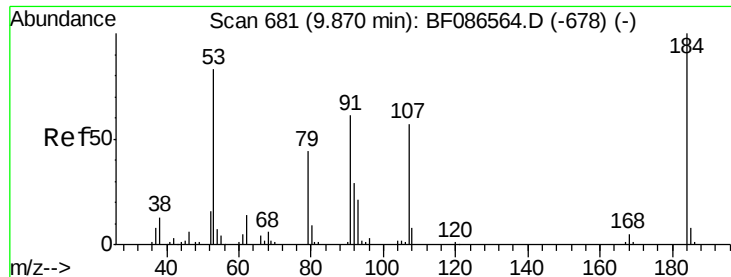
Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	138	Resp:	125467
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	109.5	87.8	131.8





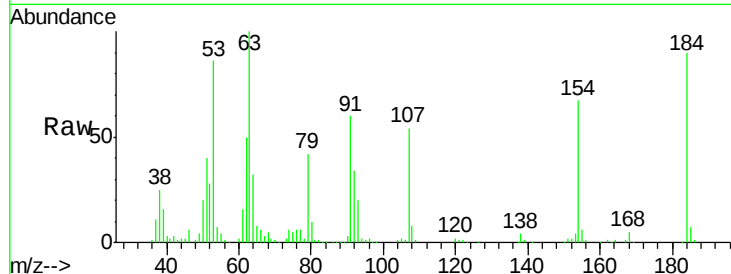
#53
2,4-Dinitrophenol
Concen: 81.84 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
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ClientSampleId :
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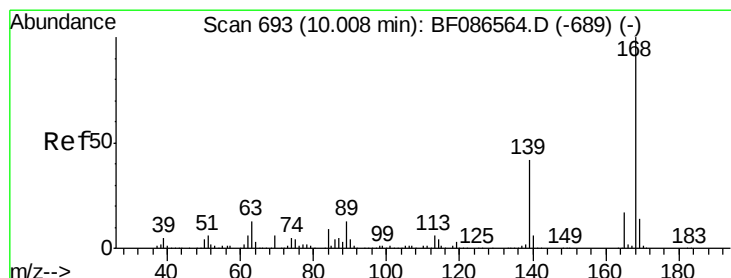
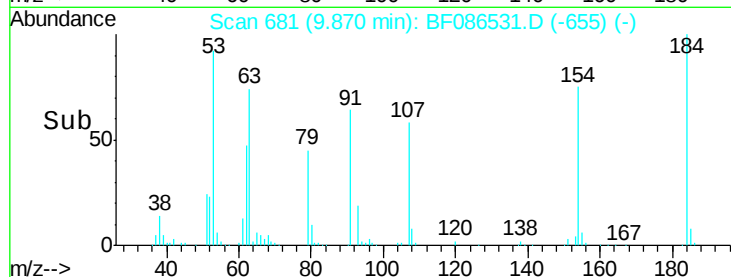
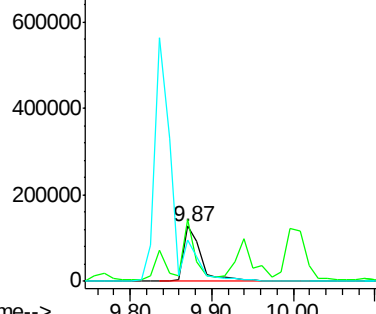
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	195027		
63	111.5	55.8	83.8#	
154	75.1	62.4	93.6	

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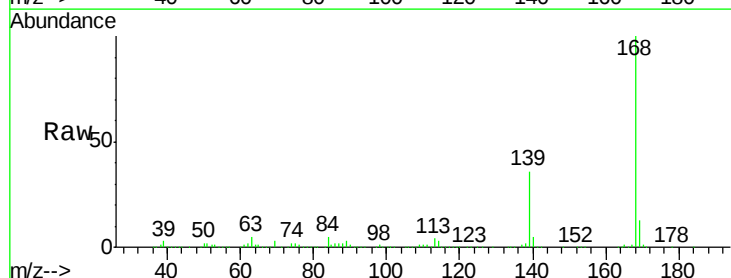


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

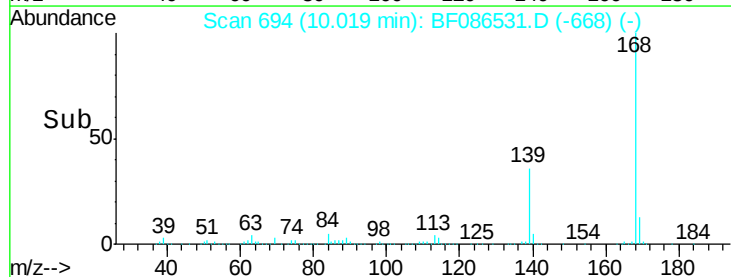
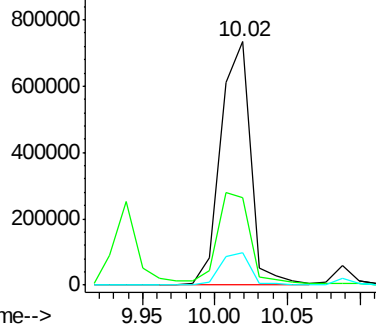


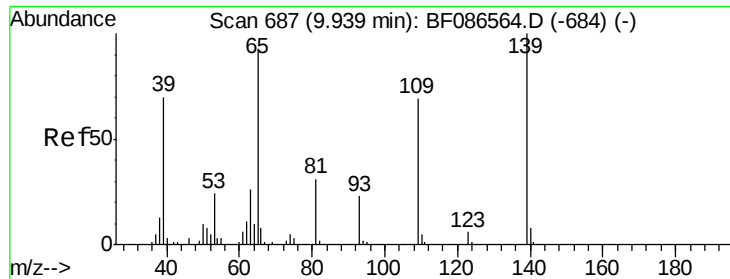
#54
Dibenzofuran
Concen: 46.93 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1046253		
139	36.1	31.4	47.0	
169	13.1	10.7	16.1	



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





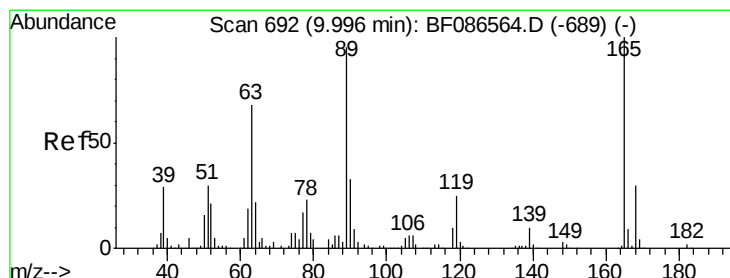
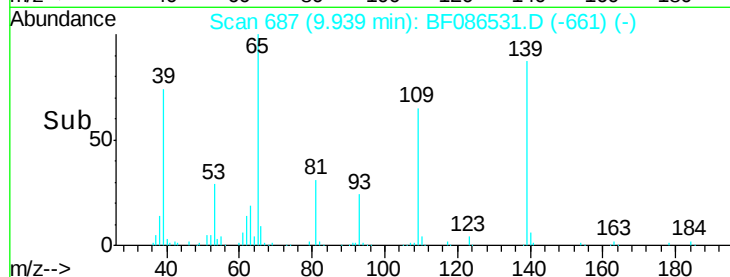
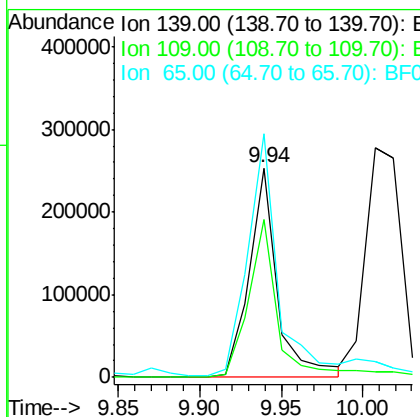
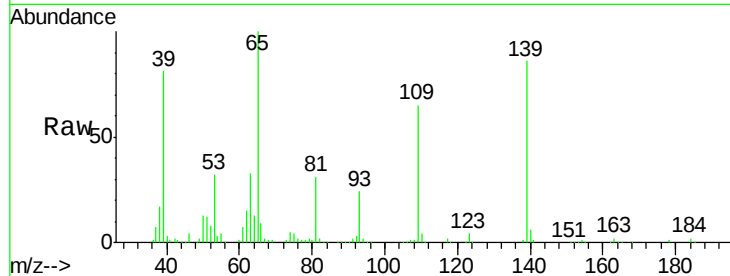
#55
4-Nitrophenol
Concen: 94.38 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	305533		
109	75.5	36.9	76.9	
65	116.5	64.0	104.0	

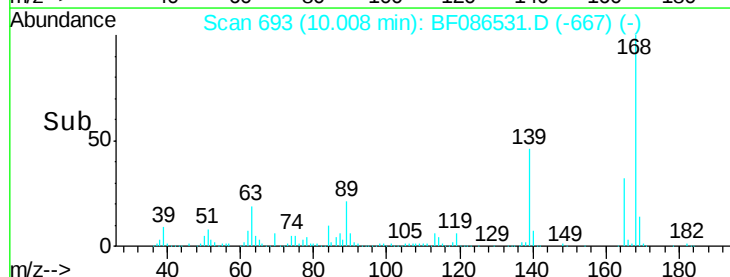
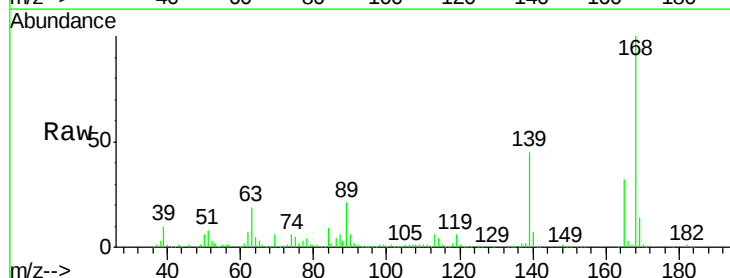
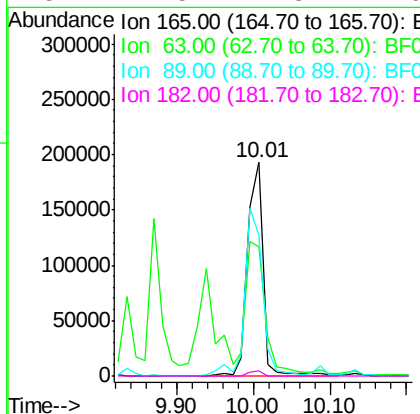
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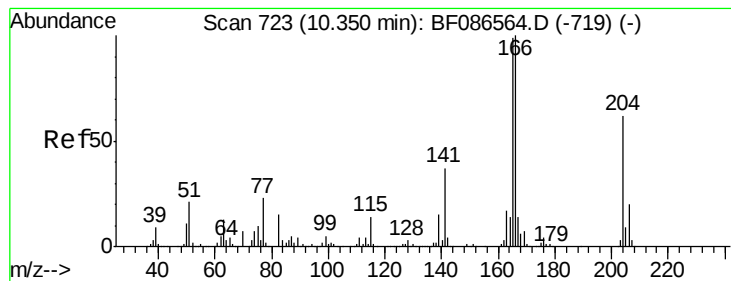
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#56
2,4-Dinitrotoluene
Concen: 49.04 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271813		
63	60.6	44.3	66.5	
89	65.7	70.0	105.0	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 38.90 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS

Tgt Ion:166 Resp: 752992

Ion Ratio Lower Upper

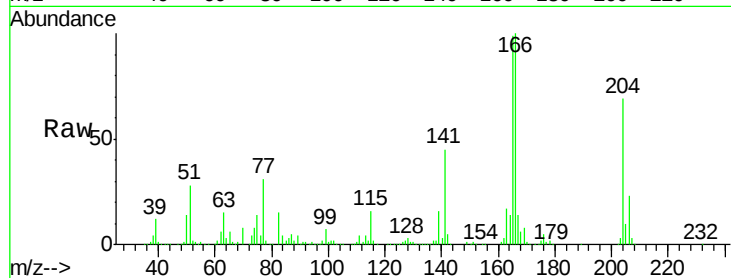
166 100

165 98.6 79.0 118.6

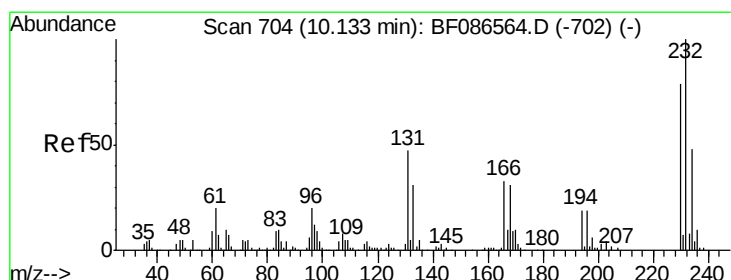
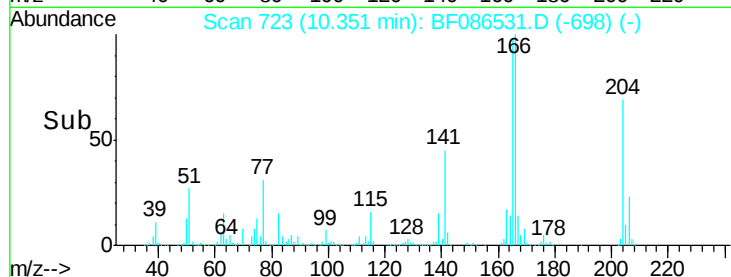
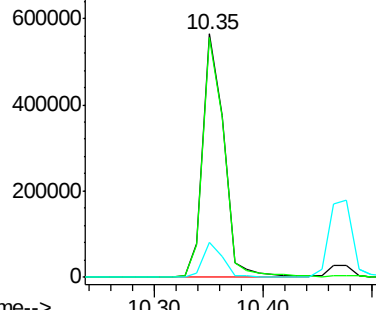
167 14.2 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.24 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:232 Resp: 220829

Ion Ratio Lower Upper

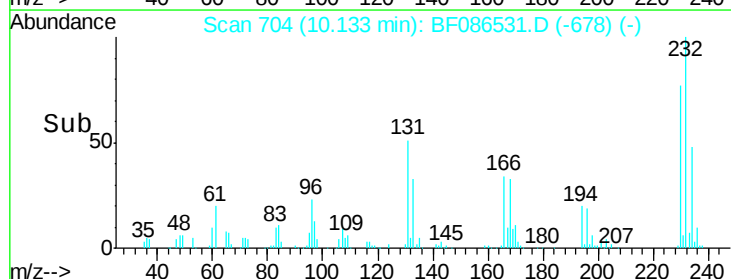
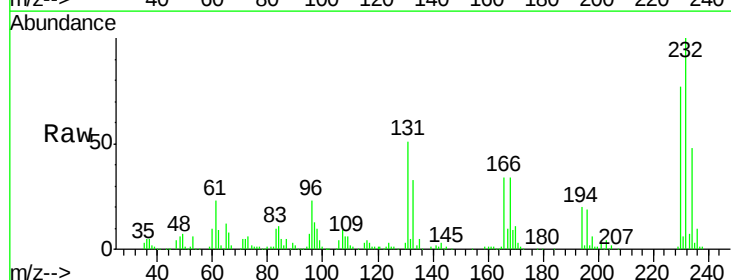
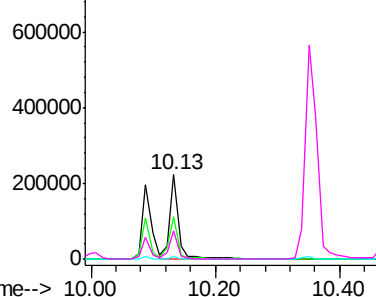
232 100

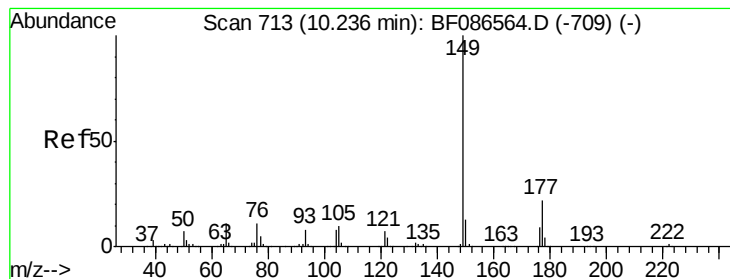
131 51.0 41.9 62.9

130 2.5 2.2 3.4

166 31.7 26.8 40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.10 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086531.D

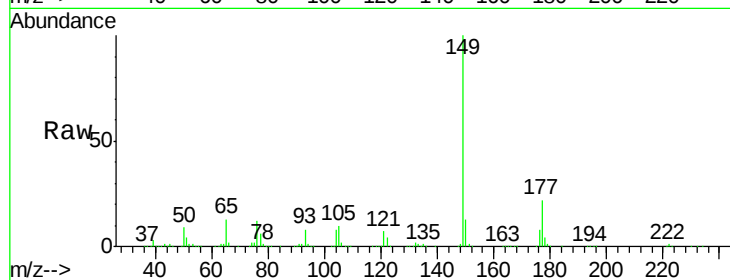
Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS



Tgt Ion:149 Resp: 858534

Ion Ratio Lower Upper

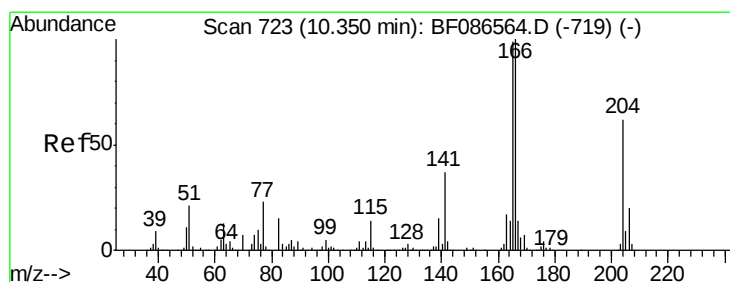
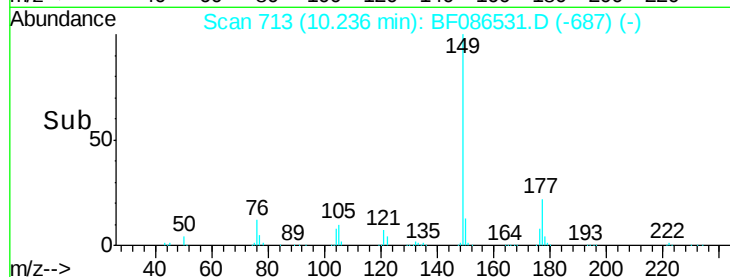
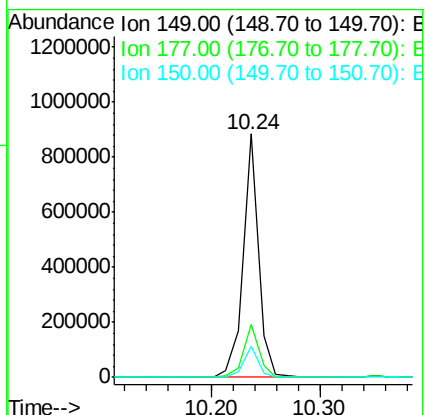
149 100

177 21.7 16.6 24.8

150 12.9 10.0 15.0

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#60

4-Chlorophenyl-phenylether

Concen: 42.09 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

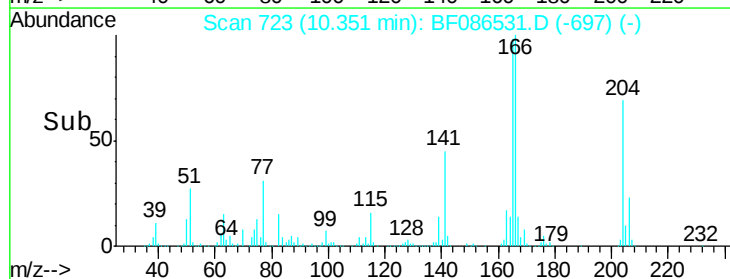
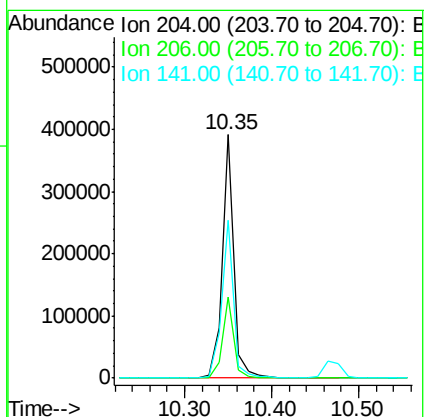
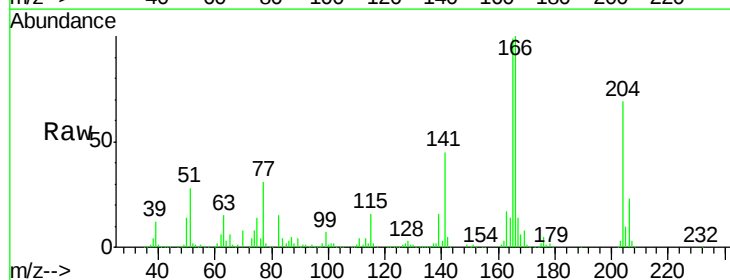
Tgt Ion:204 Resp: 369918

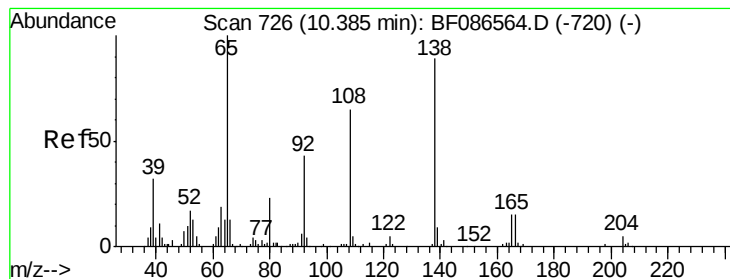
Ion Ratio Lower Upper

204 100

206 33.2 25.4 38.0

141 64.9 61.6 92.4





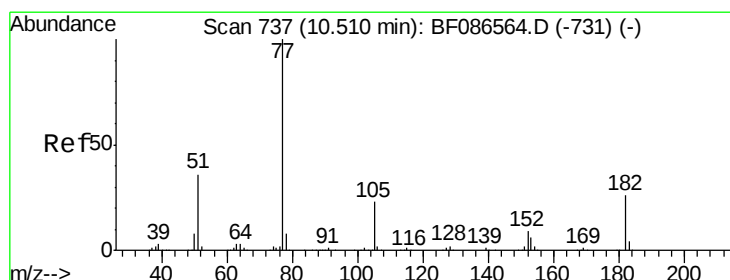
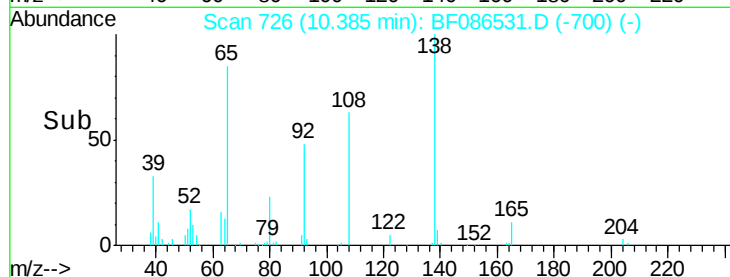
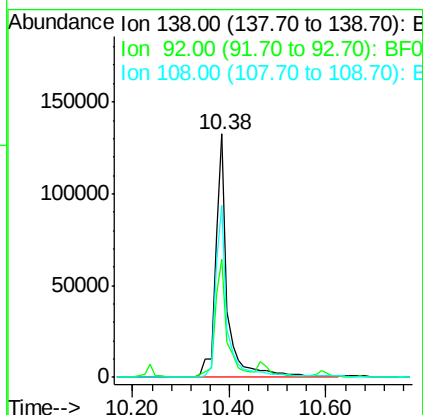
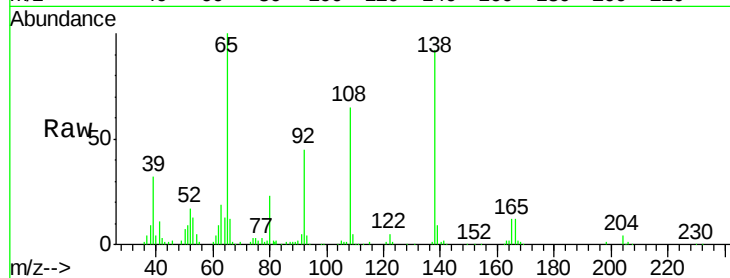
#61
4-Nitroaniline
Concen: 47.48 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	24.7	64.7
108	70.7	37.4	77.4

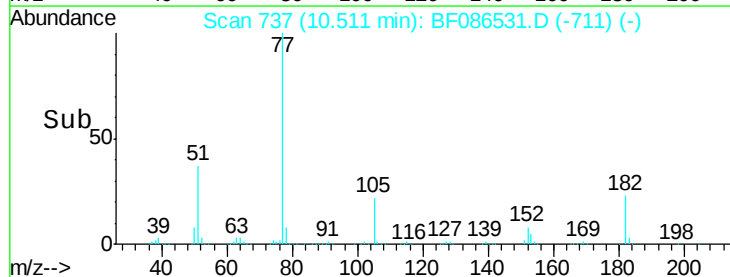
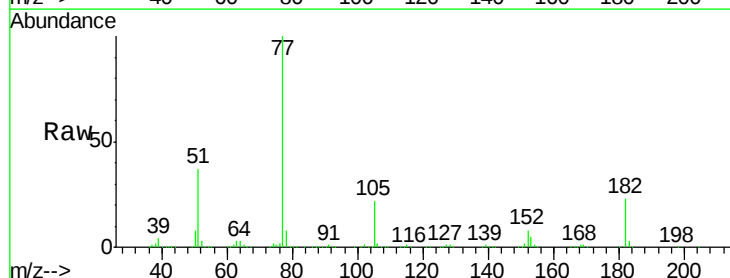
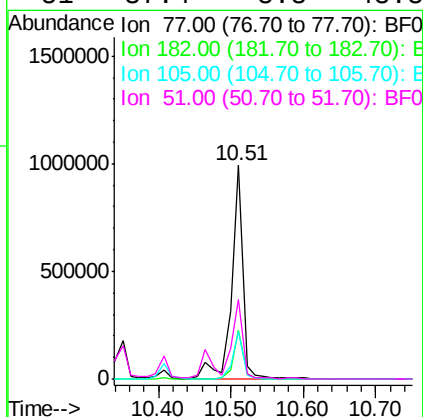
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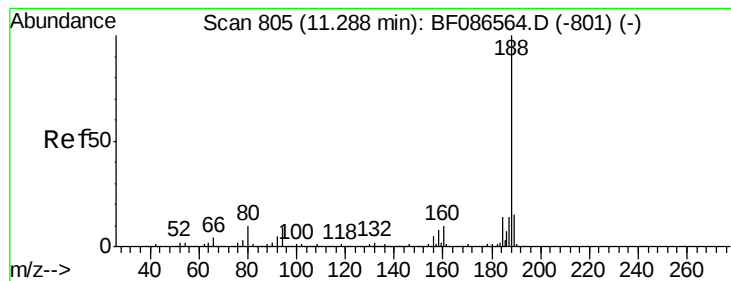
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#62
Azobenzene
Concen: 49.48 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	0.0	38.8
105	22.2	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: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

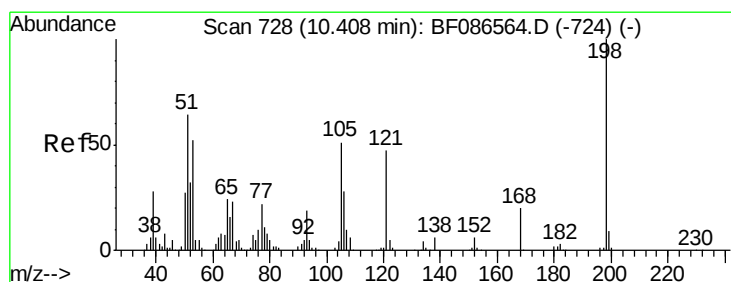
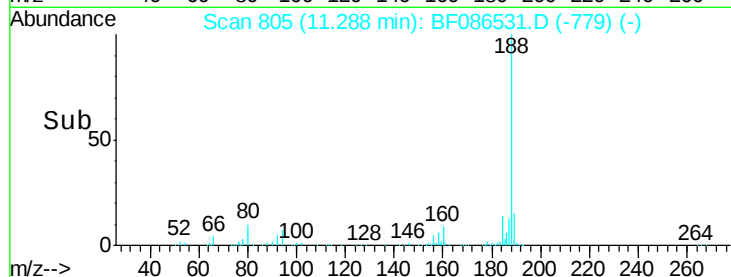
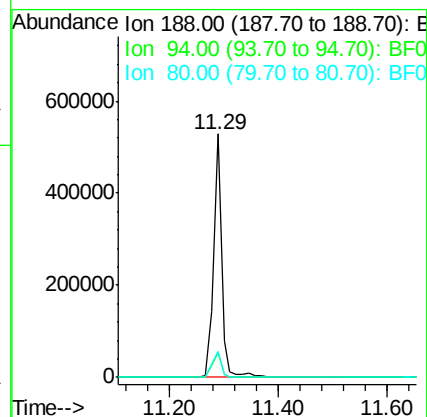
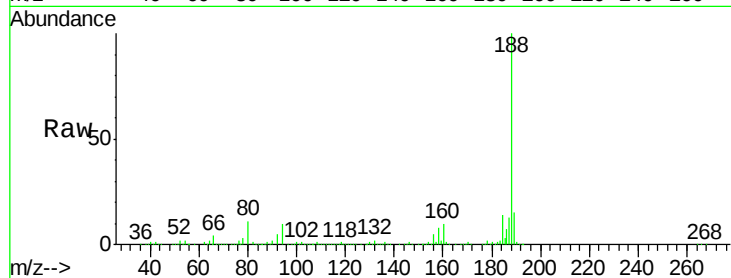
ClientSampleId :

PB90117BS

Tgt Ion:	188	Resp:	552193
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.8	10.2
80	10.6	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.38 ng

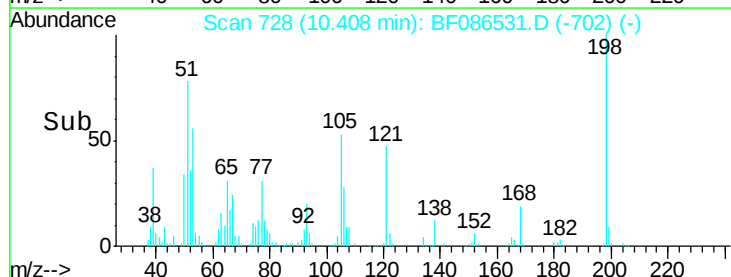
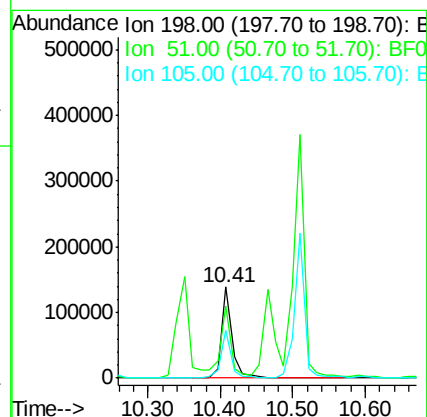
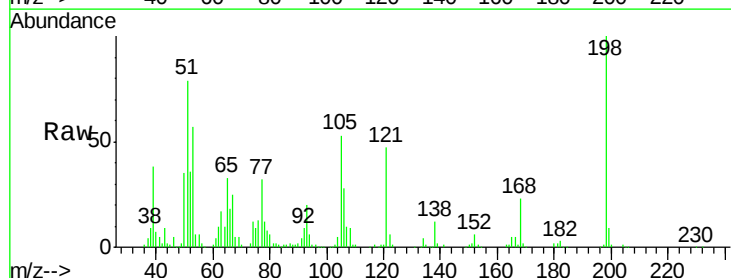
RT: 10.41 min Scan# 728

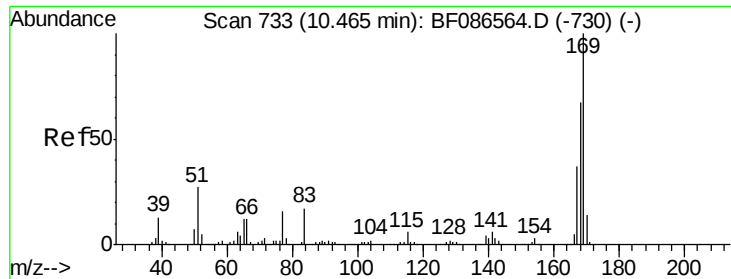
Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	198	Resp:	140619
Ion Ratio	Lower	Upper	
198	100		
51	78.7	20.5	60.5#
105	53.1	24.5	64.5





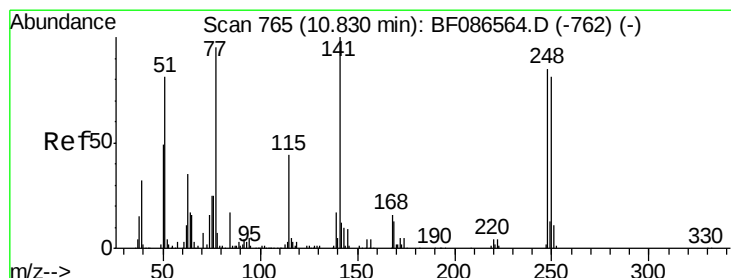
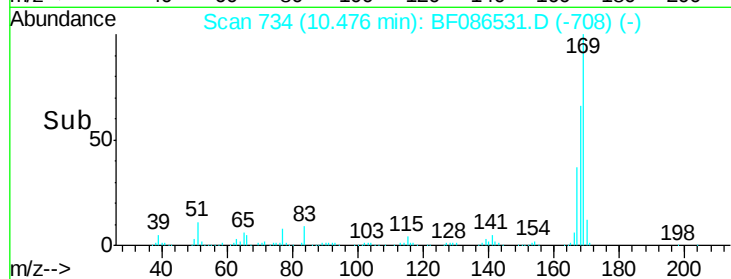
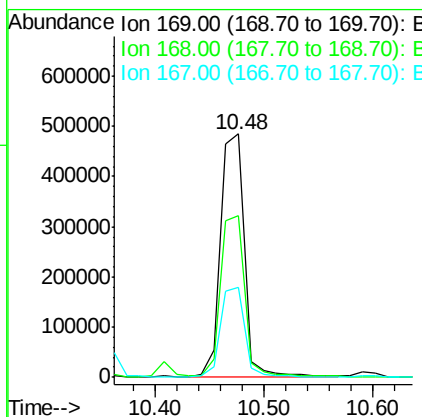
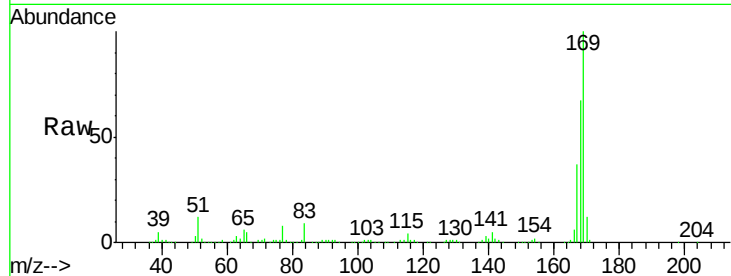
#65
n-Nitrosodiphenylamine
Concen: 42.99 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	741833		
168	66.5	53.8	80.6	
167	36.8	29.5	44.3	

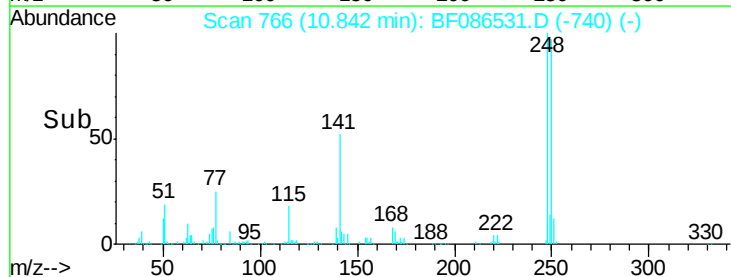
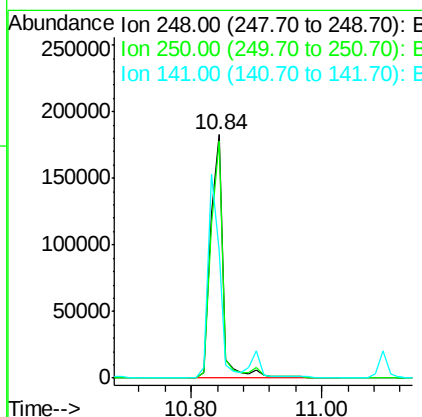
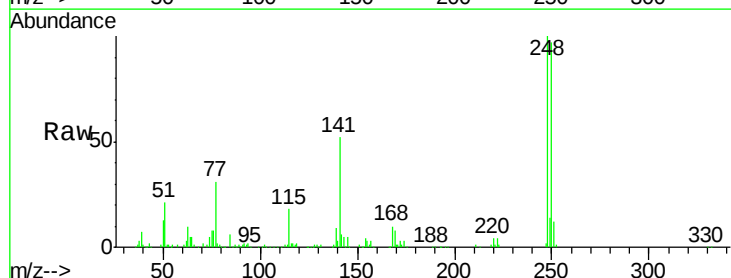
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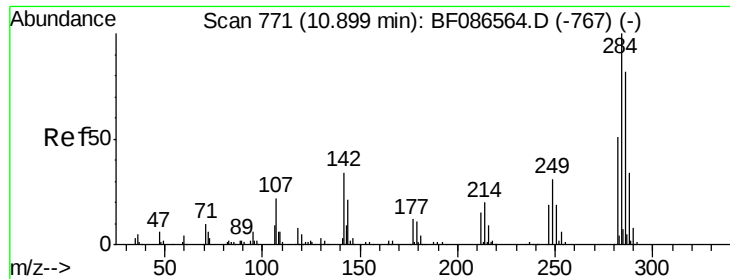
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#66
4-Bromophenyl-phenylether
Concen: 42.85 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243792		
250	97.3	78.6	117.8	
141	52.0	76.0	114.0	





#67

Hexachlorobenzene

Concen: 39.65 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

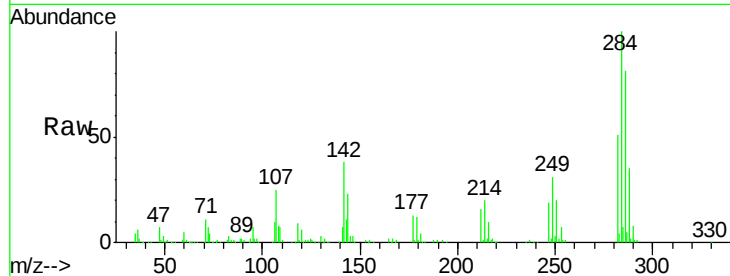
ClientSampleId :

PB90117BS

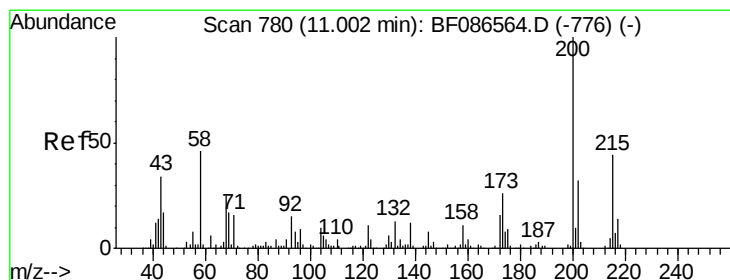
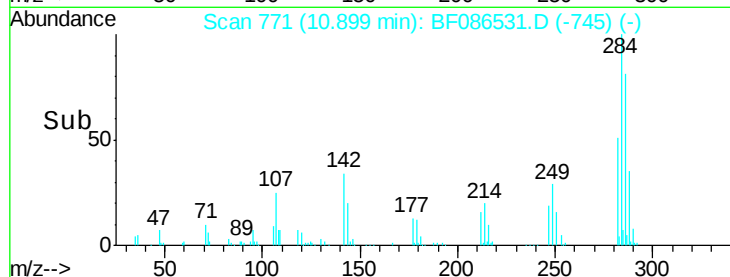
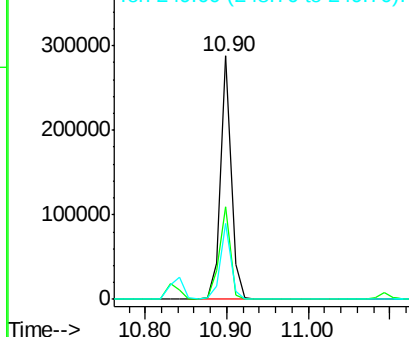
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	261154		
142	38.2	16.7	25.1#	
249	31.2	21.3	31.9	

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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: 50.45 ng

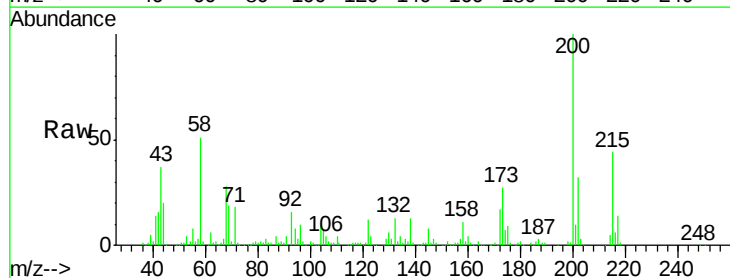
RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

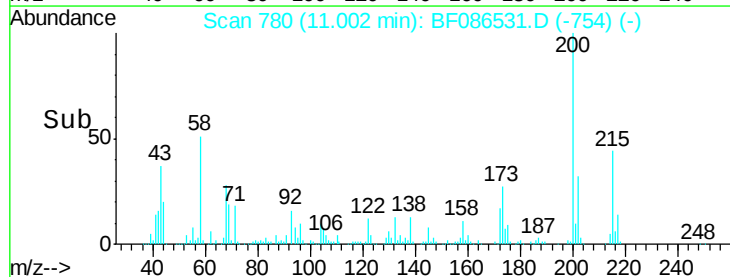
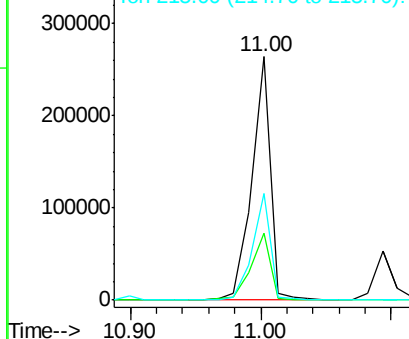
Lab File: BF086531.D

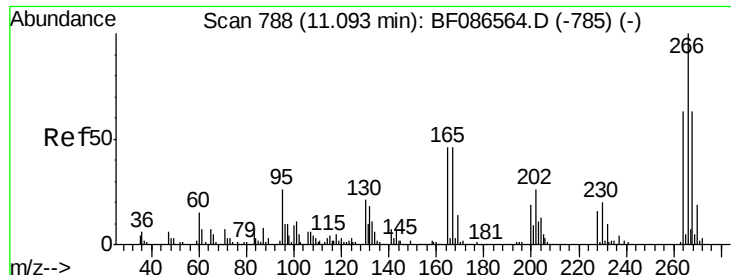
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	261433		
173	27.4	8.5	48.5	
215	43.8	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





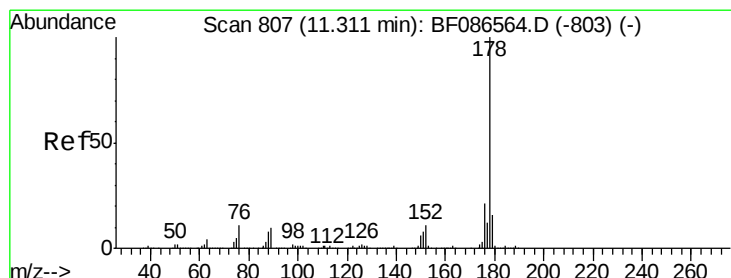
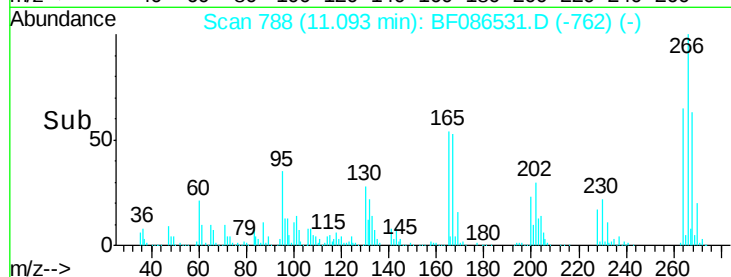
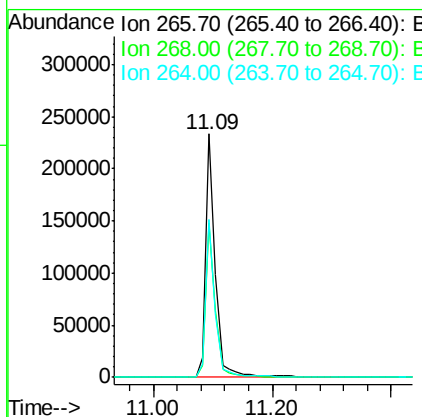
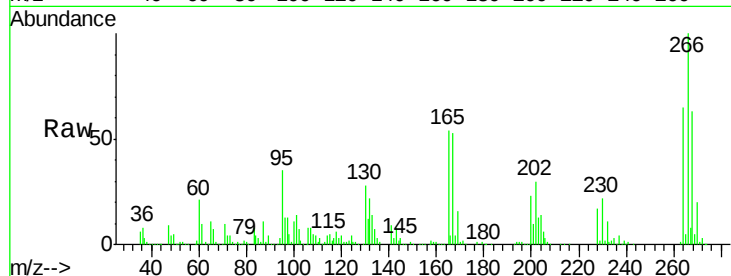
#69
 Pentachlorophenol
 Concen: 77.88 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.5	77.3
264	65.0	52.9	79.3

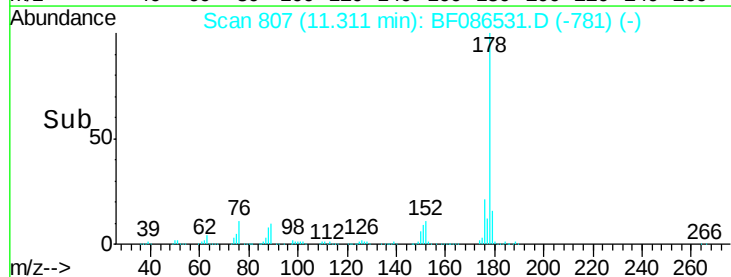
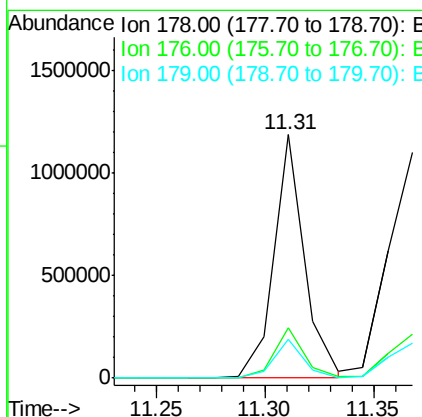
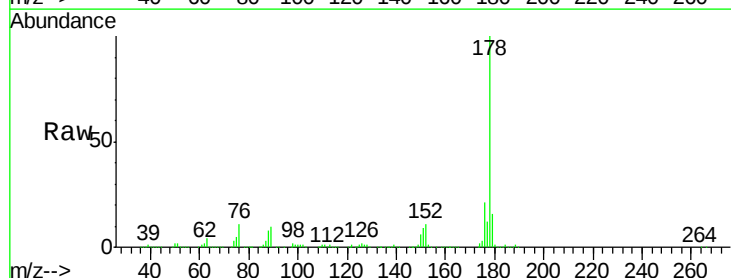
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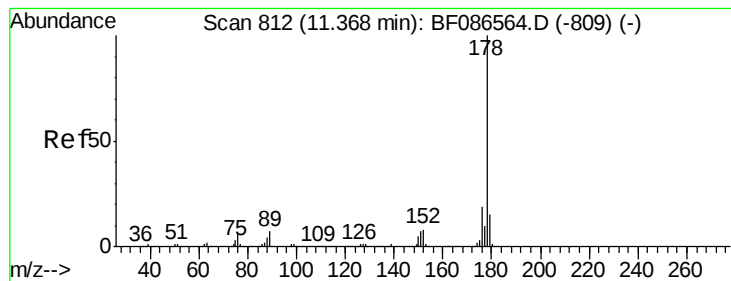
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#70
 Phenanthrene
 Concen: 40.37 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.1	12.6	18.8





#71

Anthracene

Concen: 44.51 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS

Tgt Ion:178 Resp: 1376616

Ion Ratio Lower Upper

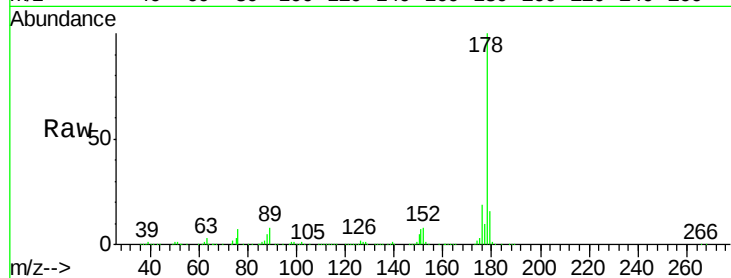
178 100

176 19.4 15.6 23.4

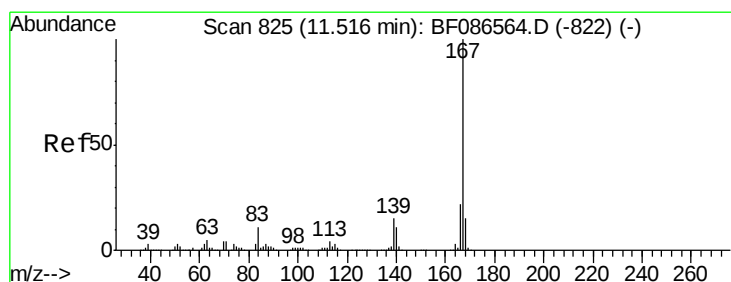
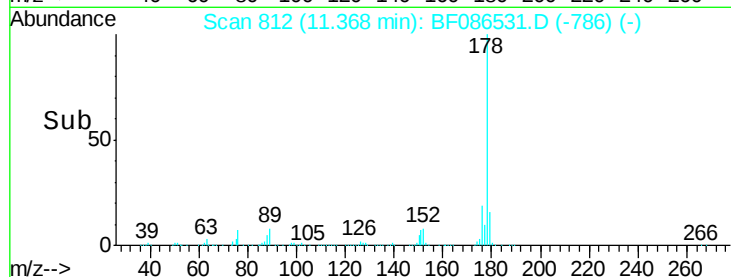
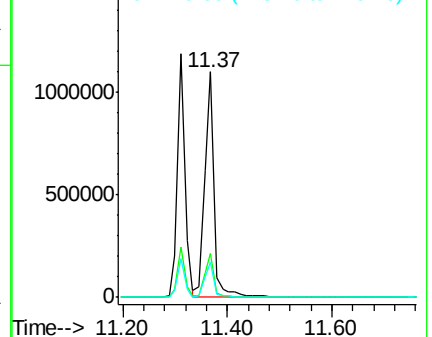
179 15.5 12.7 19.1

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



#72

Carbazole

Concen: 42.21 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

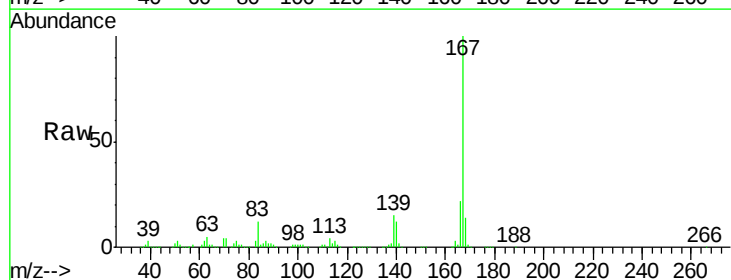
Tgt Ion:167 Resp: 1156858

Ion Ratio Lower Upper

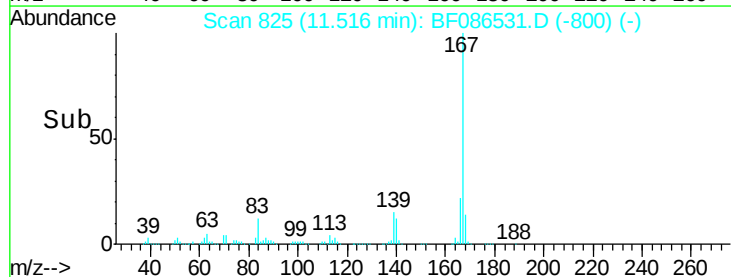
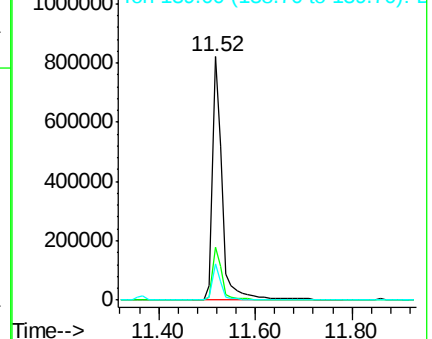
167 100

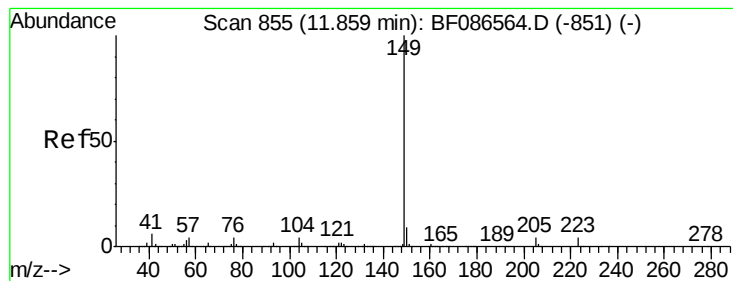
166 21.9 17.7 26.5

139 15.0 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





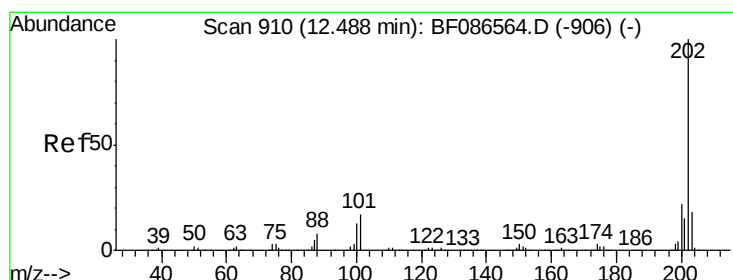
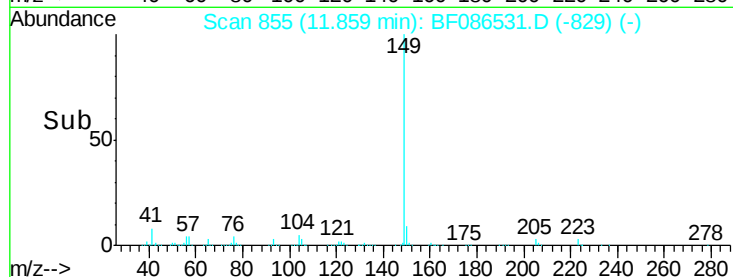
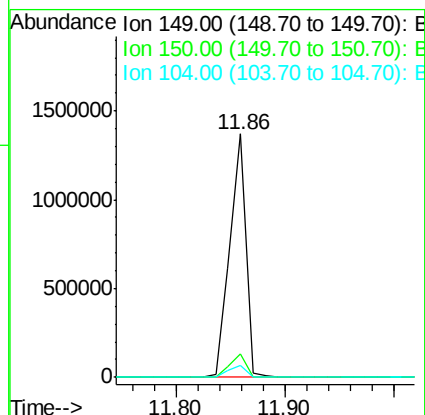
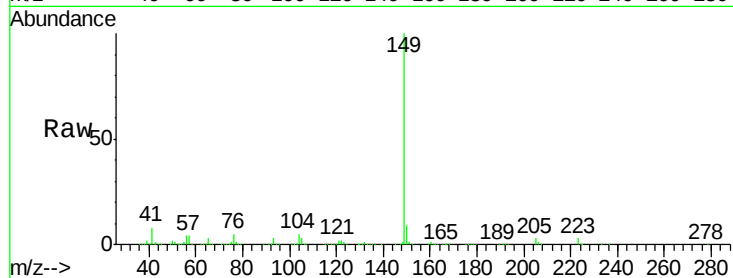
#73
Di-n-butylphthalate
Concen: 45.13 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion:149 Resp: 1401397
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.8 3.8 5.6

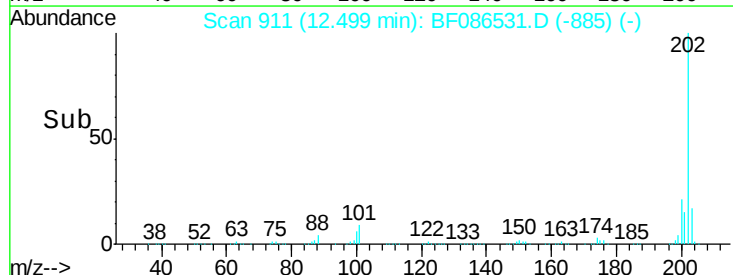
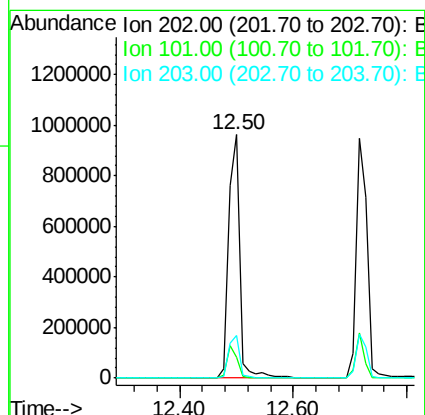
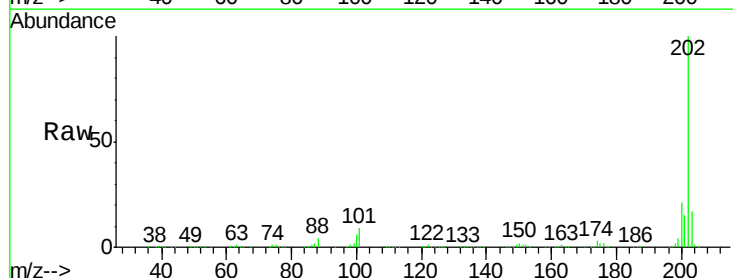
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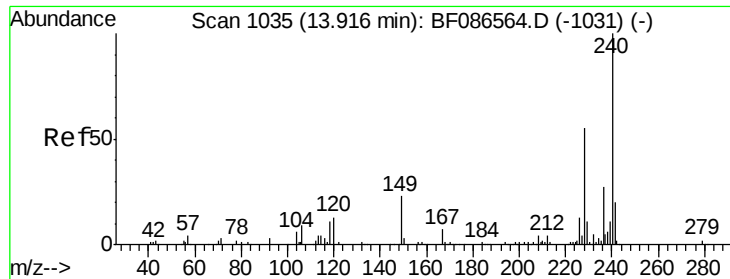
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#74
Fluoranthene
Concen: 45.42 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:202 Resp: 1328661
Ion Ratio Lower Upper
202 100
101 8.6 0.0 35.4
203 17.3 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: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

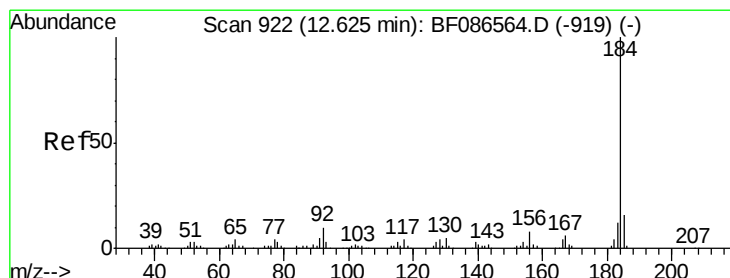
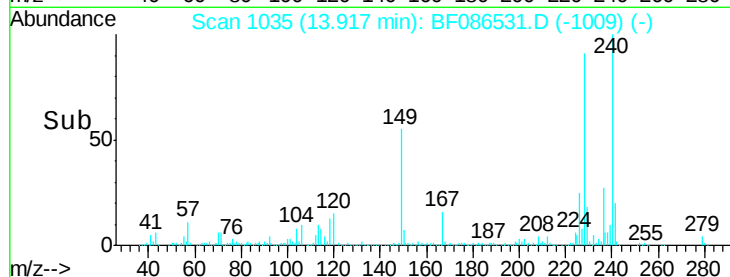
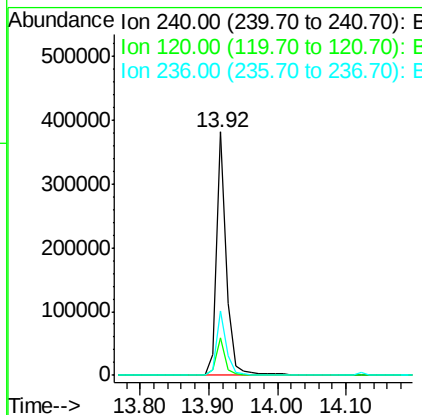
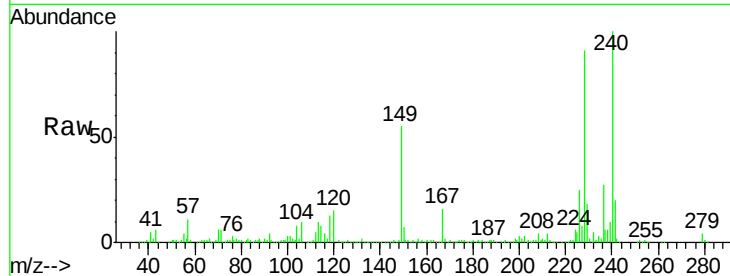
ClientSampleId :

PB90117BS

Tgt Ion:	240	Resp:	392034
Ion Ratio	Lower	Upper	
240	100		
120	15.3	11.2	16.8
236	26.7	21.2	31.8

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#76

Benzidine

Concen: 28.57 ng

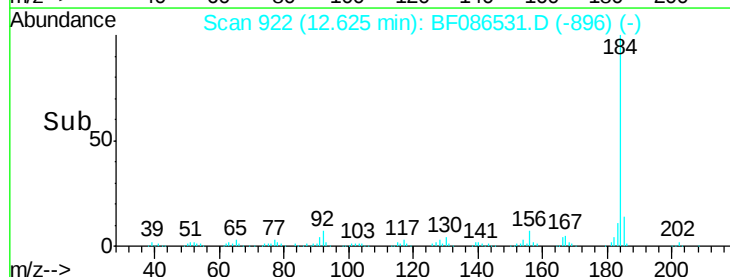
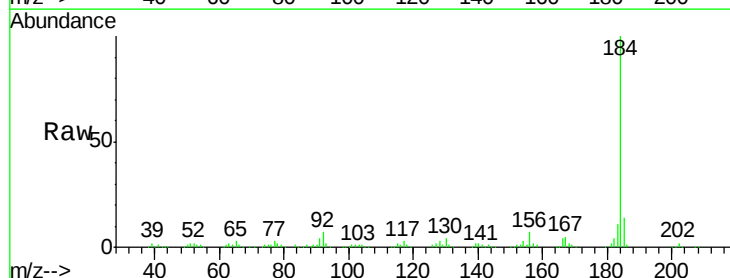
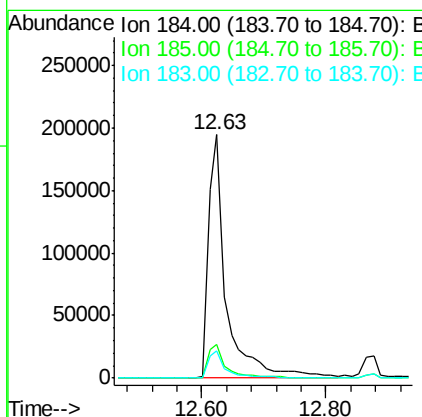
RT: 12.63 min Scan# 922

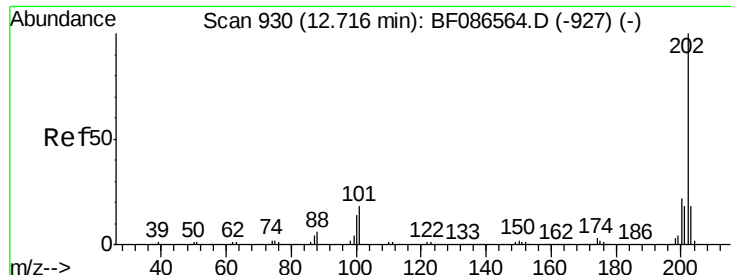
Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	184	Resp:	384961
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.6	20.4
183	11.2	9.8	14.6





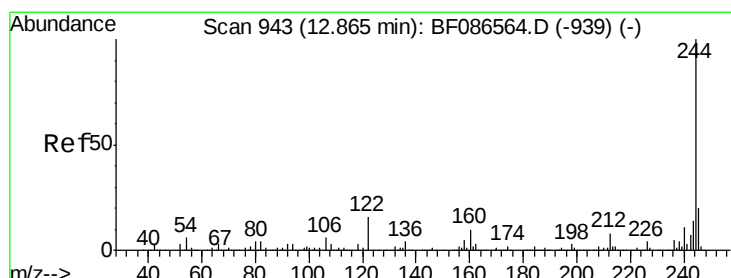
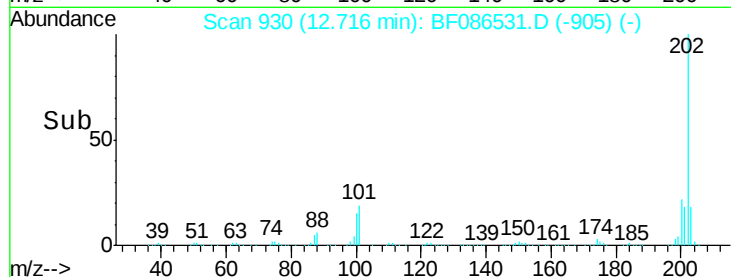
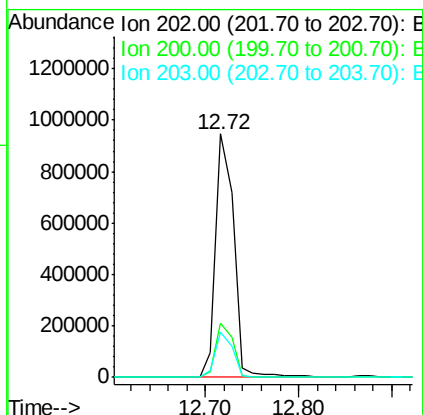
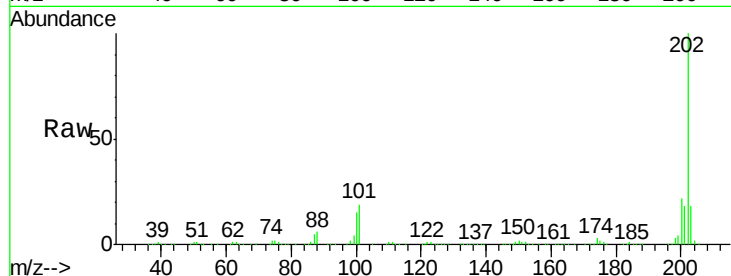
#77
 Pyrene
 Concen: 44.87 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.5	14.2	21.4

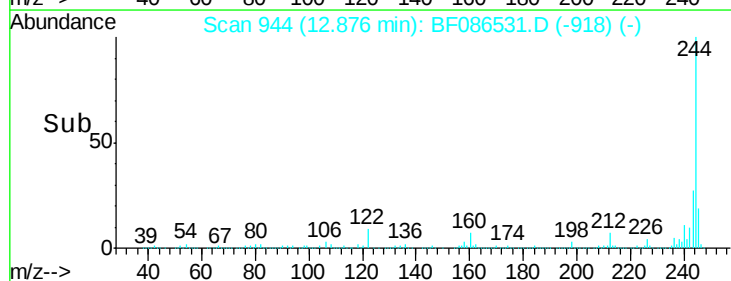
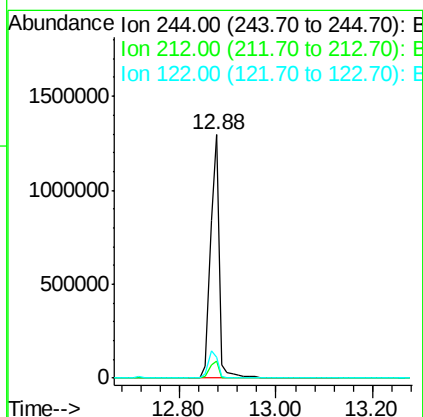
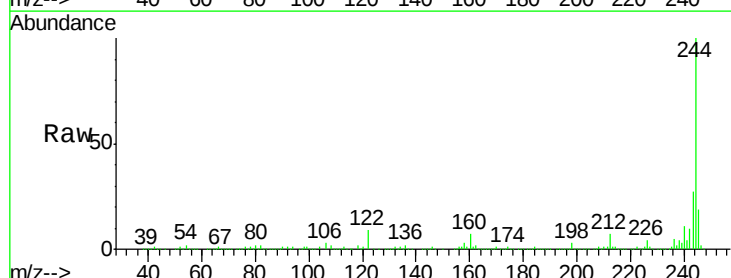
Manual Integrations
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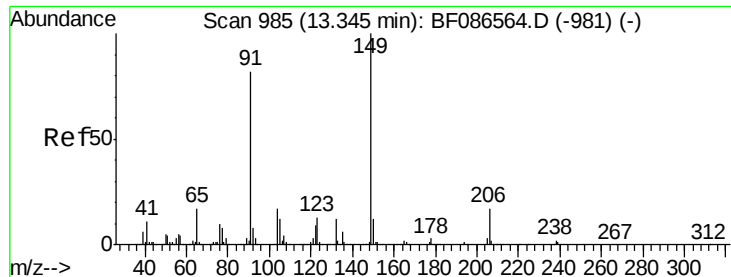
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#78
 Terphenyl-d14
 Concen: 92.54 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.7	12.0	18.0#





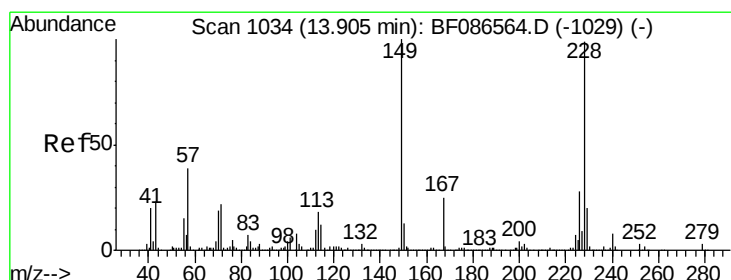
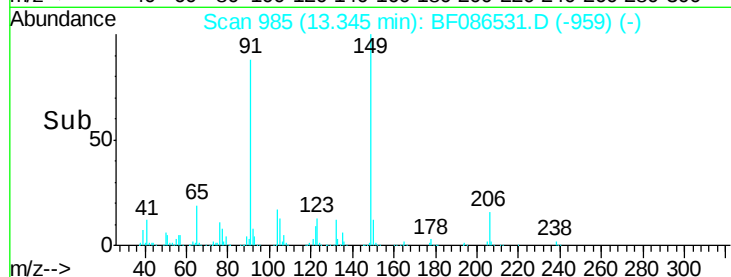
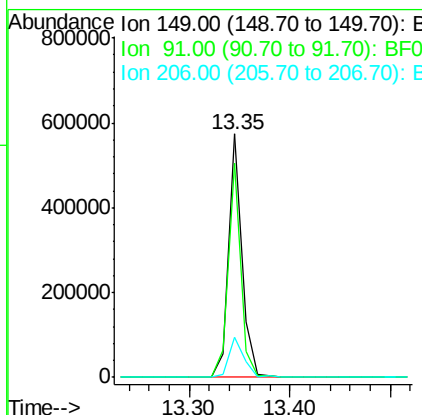
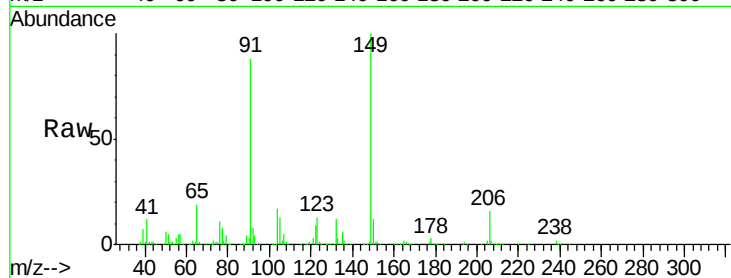
#79
Butylbenzylphthalate
Concen: 43.63 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	533753		
91	87.9	48.0	72.0#	
206	16.4	15.8	23.6	

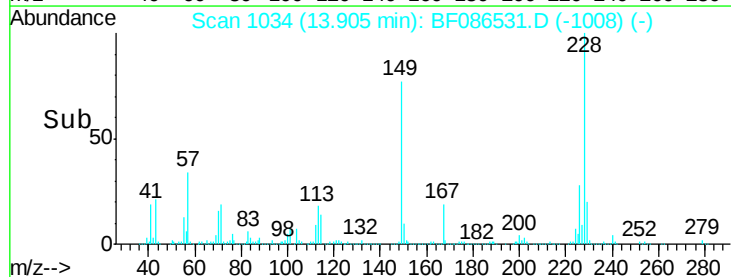
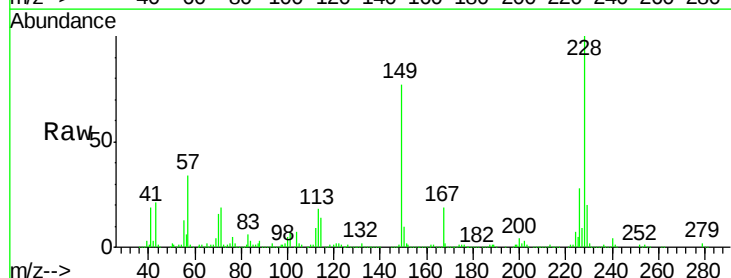
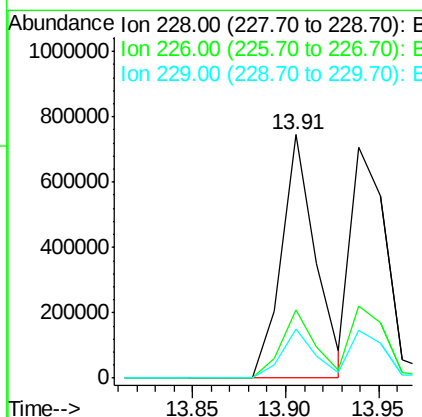
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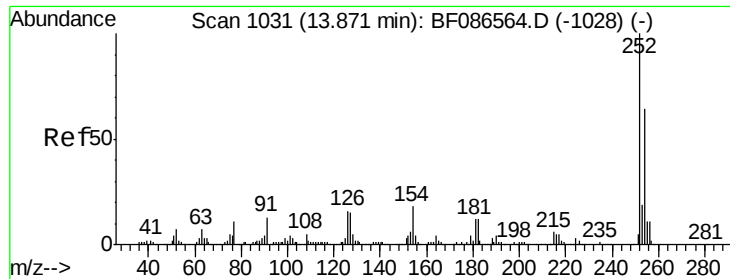
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#80
Benzo(a)anthracene
Concen: 45.43 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949492		
226	28.3	22.5	33.7	
229	20.2	16.6	25.0	





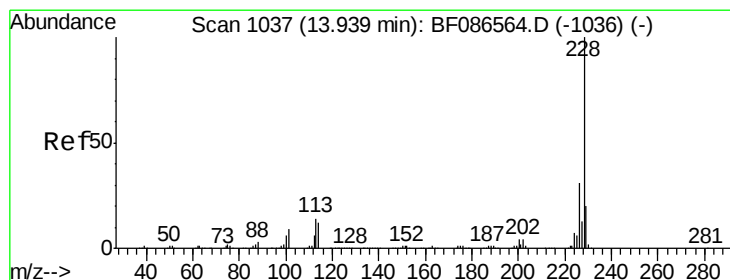
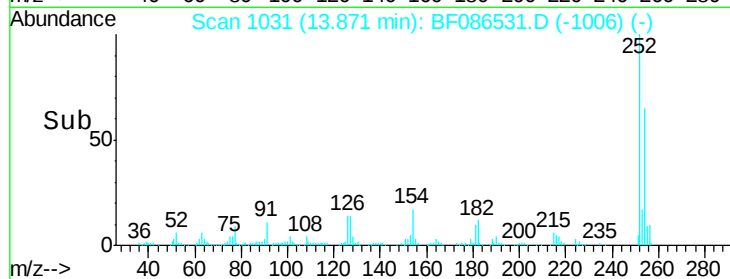
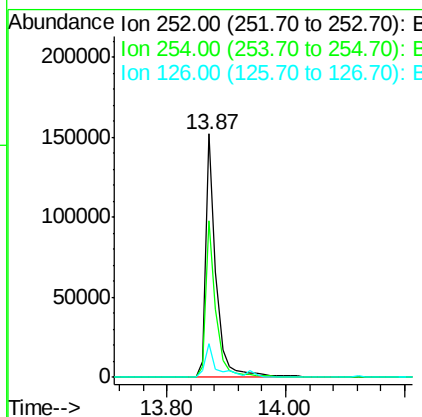
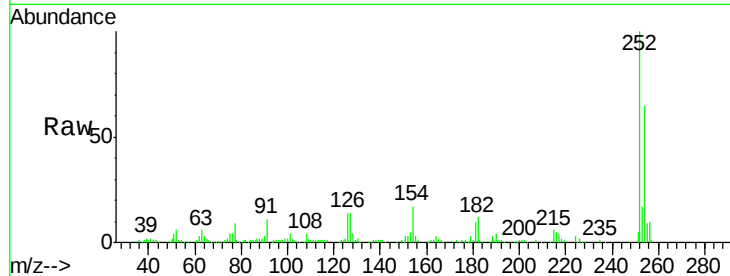
#81
 3,3'-Dichlorobenzidine
 Concen: 13.47 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	188229		
254	64.5	50.7	76.1	
126	14.0	12.7	19.1	

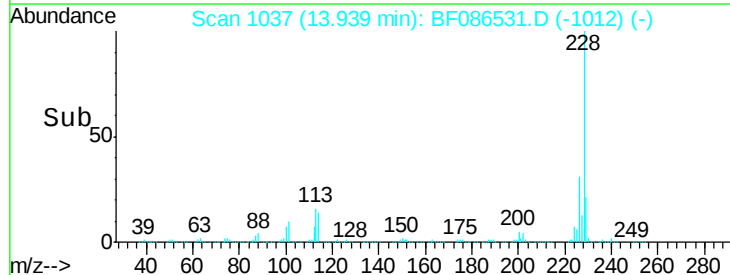
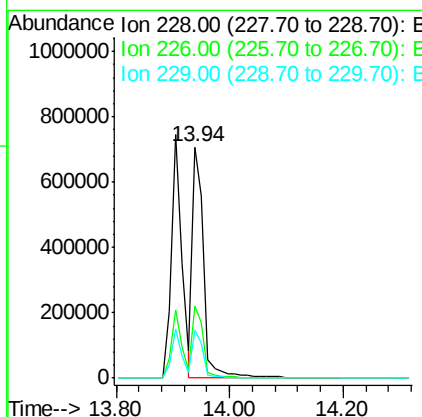
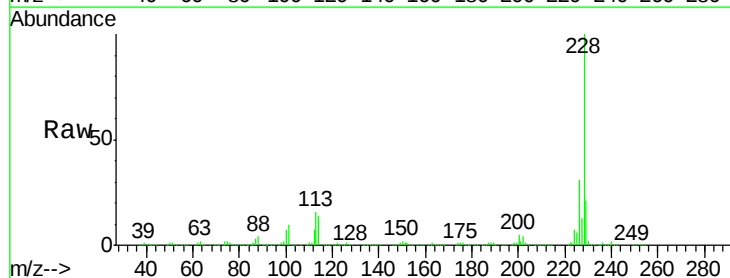
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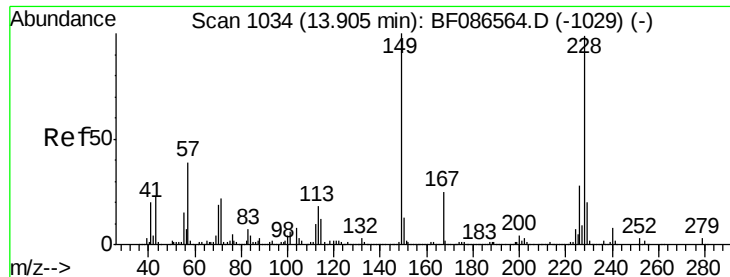
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#82
 Chrysene
 Concen: 43.42 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	986459		
226	31.0	24.4	36.6	
229	20.5	15.8	23.8	





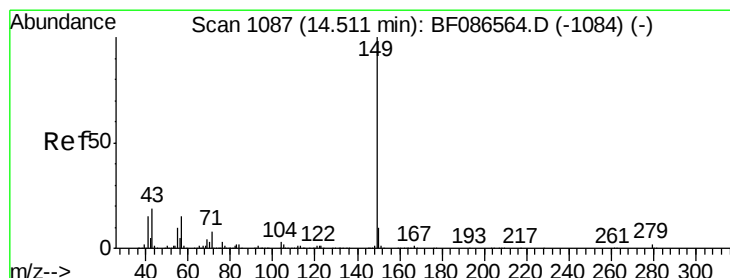
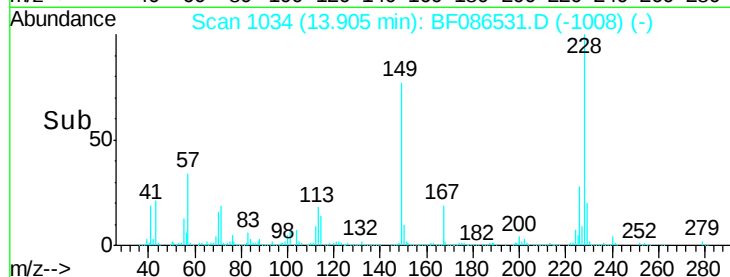
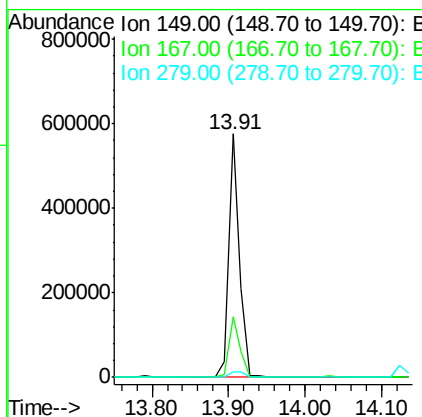
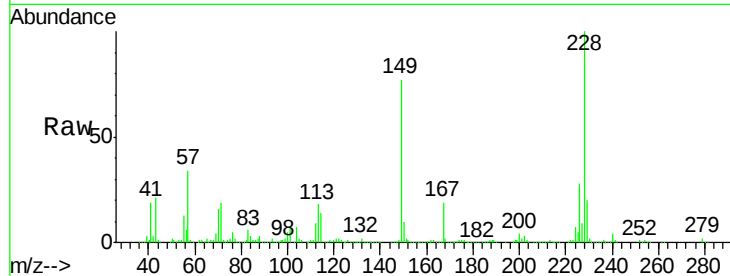
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.96 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	576423		
167	25.0	21.8	32.6	
279	2.2	2.6	4.0#	

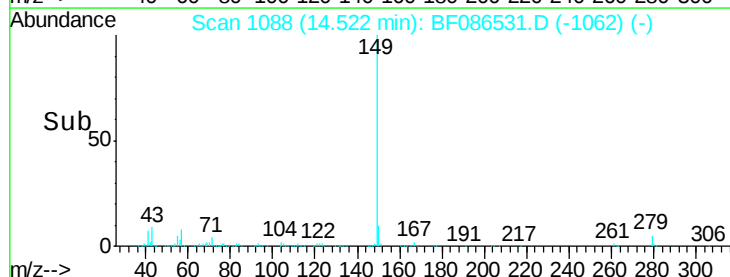
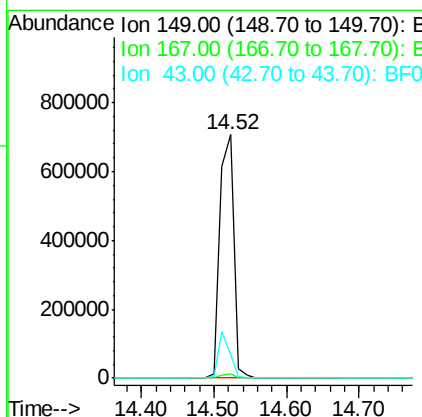
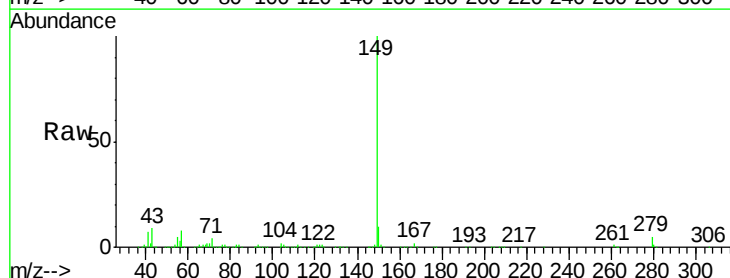
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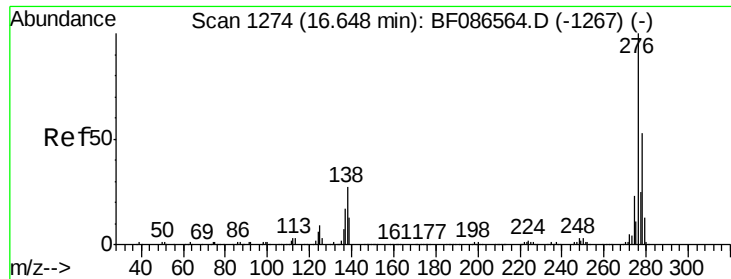
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#84
 Di-n-octyl phthalate
 Concen: 39.72 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	944588		
167	1.5	1.2	1.8	
43	15.1	8.2	12.4#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.55 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086531.D

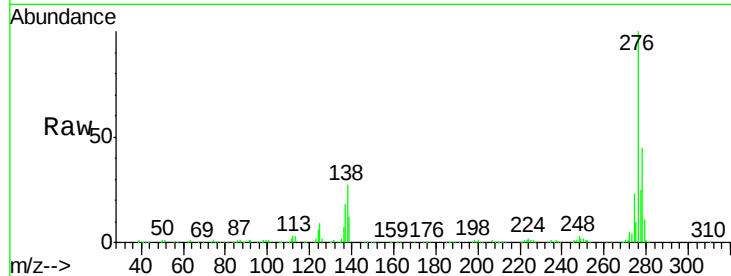
Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

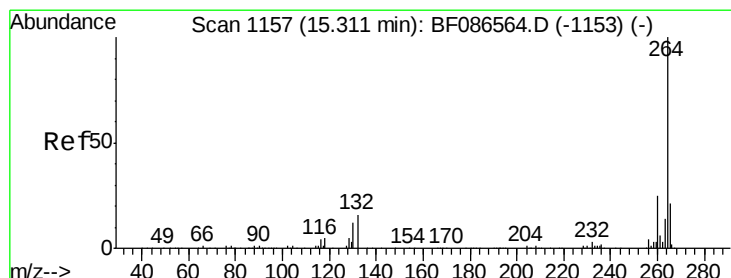
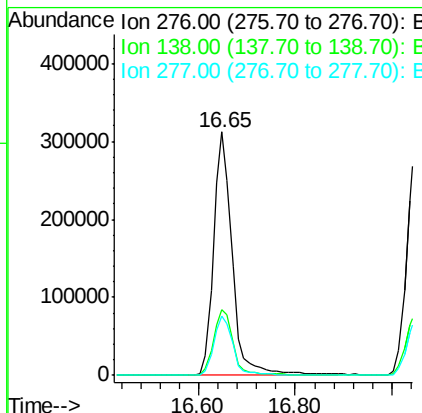
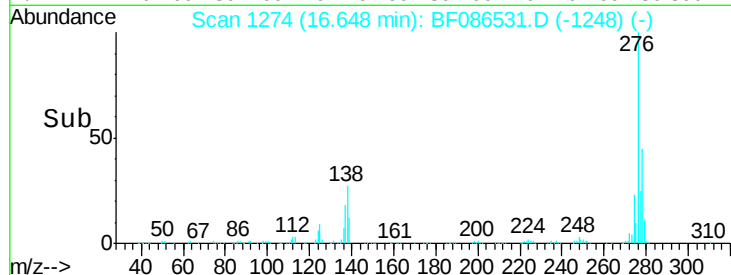
PB90117BS



Tgt Ion:	276	Resp:	850947
Ion Ratio		Lower	Upper
276	100		
138	28.9	25.6	38.4
277	25.4	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

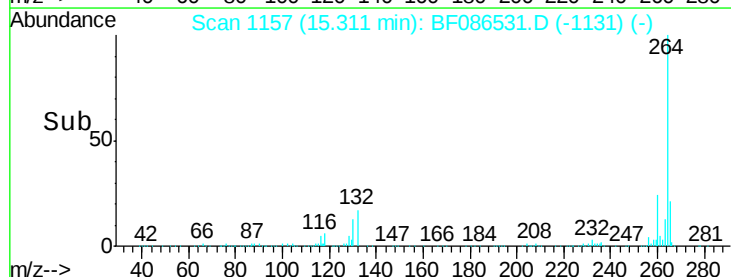
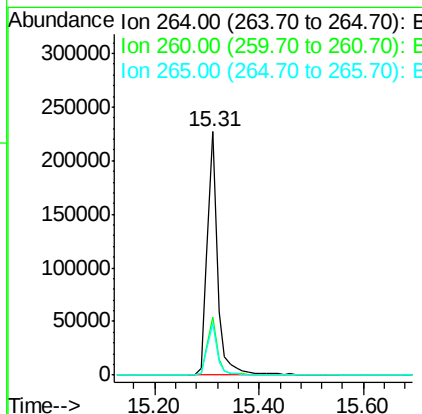
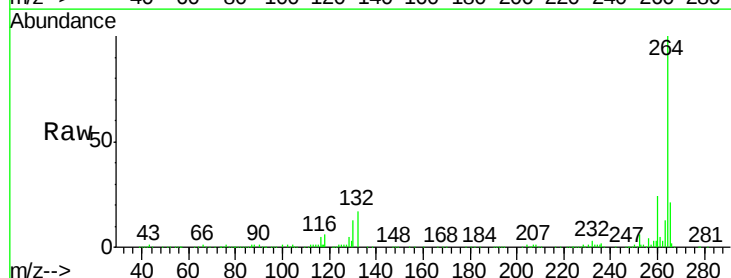
RT: 15.31 min Scan# 1157

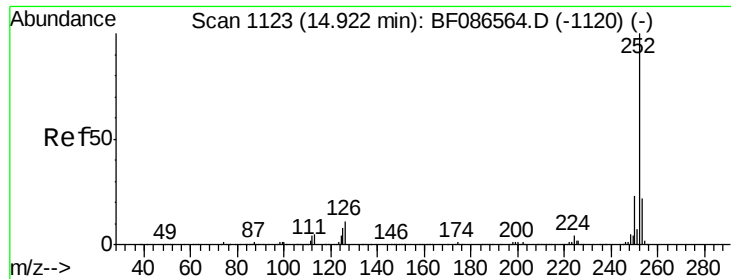
Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:	264	Resp:	313718
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 47.96 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB90117BS

Tgt Ion: 252 Resp: 885132

Ion Ratio Lower Upper

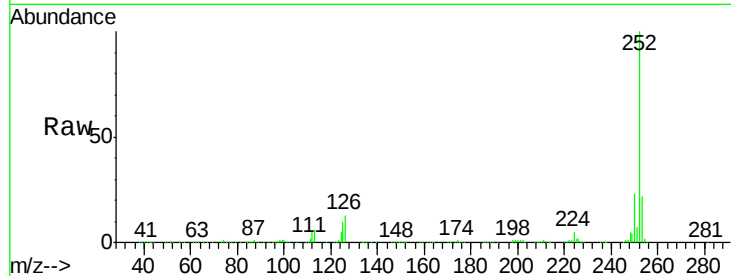
252 100

253 21.8 17.8 26.6

125 9.5 11.4 17.0#

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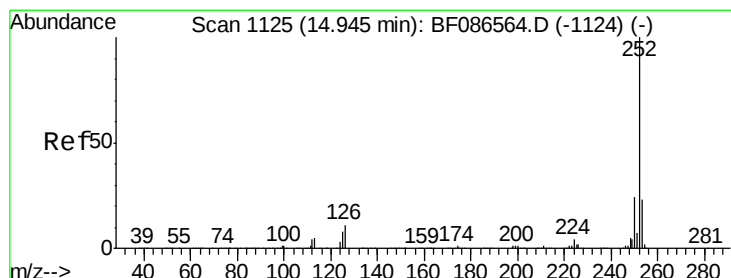
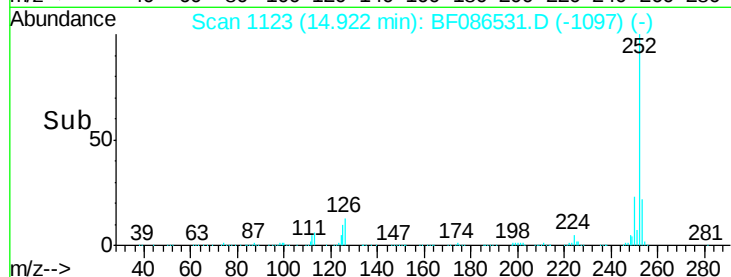
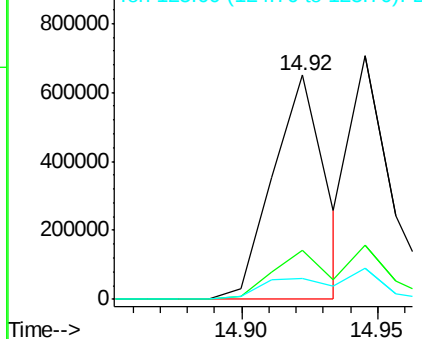
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.59 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion: 252 Resp: 762205

Ion Ratio Lower Upper

252 100

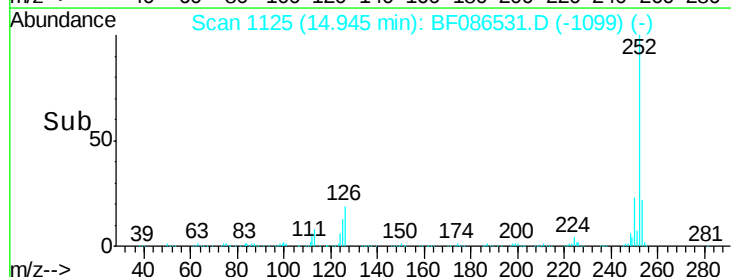
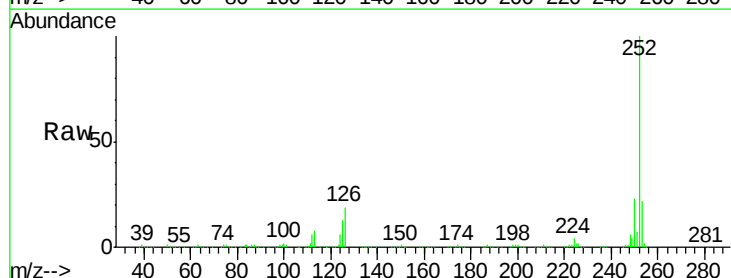
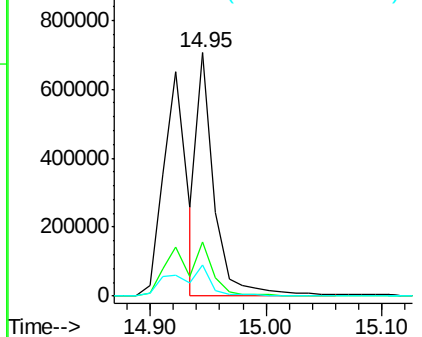
253 22.3 17.8 26.6

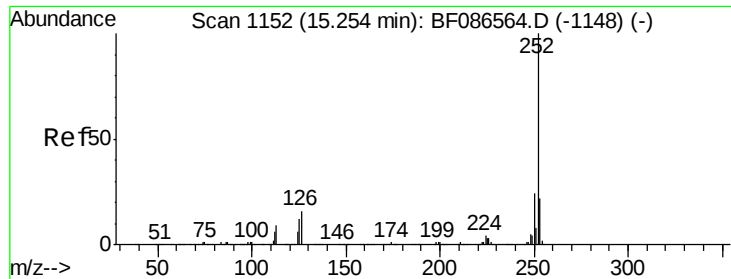
125 12.6 9.1 13.7

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





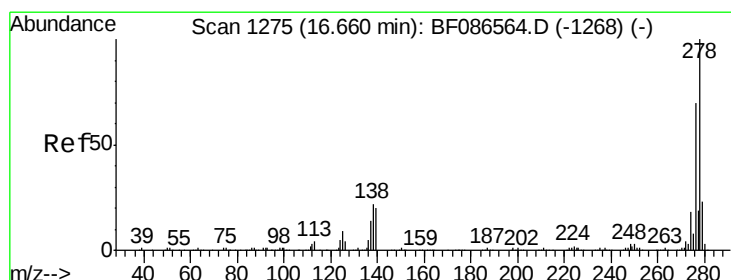
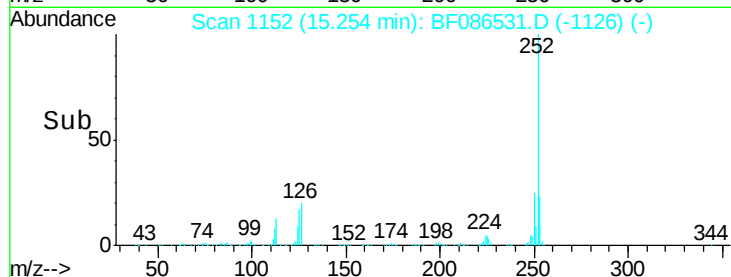
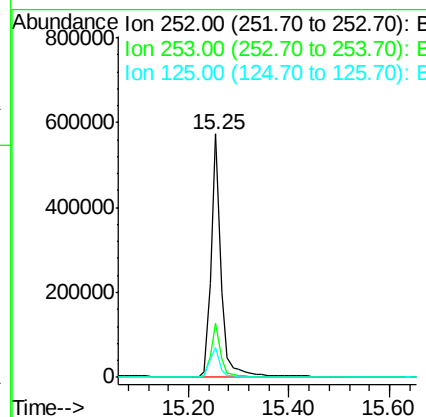
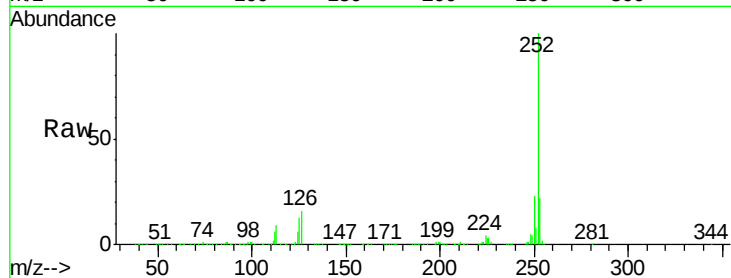
#89
Benzo(a)pyrene
Concen: 44.82 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.5	9.0	13.6

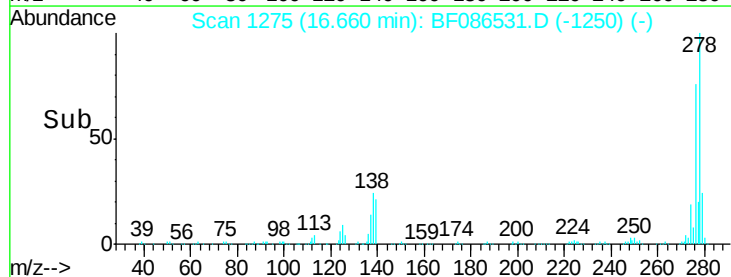
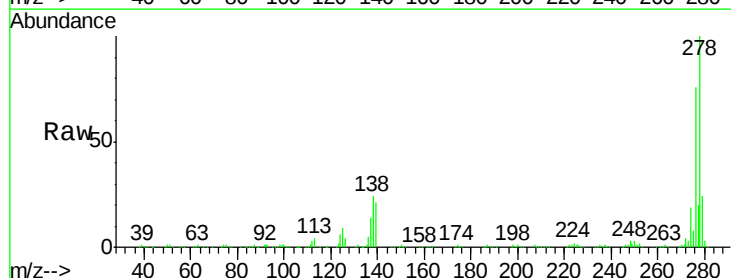
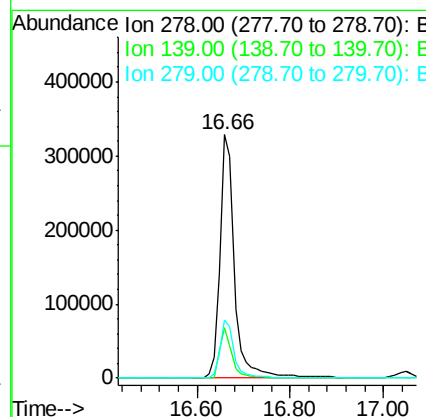
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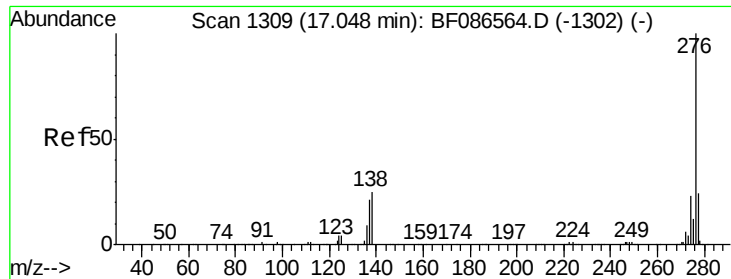
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#90
Dibenzo(a,h)anthracene
Concen: 49.75 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 49.80 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90117BS

Tgt Ion:	276	Resp:	711689
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.6	29.4
138	26.2	23.6	35.4

Manual Integrations
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