

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081933.D
 Acq On : 1 Oct 2015 12:07
 Operator : UM/IZ
 Sample : PB85818BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:06 AM

Quant Time: Oct 02 02:11:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	126967	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	491609	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	243300	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	483424	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	419741	20.00	ng	-0.05
86) Perylene-d12	15.51	264	350716	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	705807	100.91	ng	-0.02
7) Phenol-d6	6.53	99	934598	106.19	ng	-0.03
23) Nitrobenzene-d5	7.46	82	571087	77.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	284516	115.47	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1098497	73.61	ng	-0.05
78) Terphenyl-d14	13.01	244	1174789	92.70	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	94387	31.03	ng	89
3) Pyridine	3.33	79	264034	33.34	ng	# 83
4) n-Nitrosodimethylamine	3.28	42	110376	30.69	ng	91
6) Aniline	6.56	93	310991m	26.30	ng	
8) 2-Chlorophenol	6.69	128	295508	38.26	ng	97
9) Benzaldehyde	6.45	77	56126	9.74	ng	# 84
10) Phenol	6.55	94	335027	33.94	ng	77
11) bis(2-Chloroethyl)ether	6.64	93	318104m	41.55	ng	
12) 1,3-Dichlorobenzene	6.83	146	321821m	35.27	ng	
13) 1,4-Dichlorobenzene	6.91	146	346280m	36.35	ng	
14) 1,2-Dichlorobenzene	7.07	146	306129	36.06	ng	98
15) Benzyl Alcohol	7.04	79	215525	33.92	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	399605	36.92	ng	81
17) 2-Methylphenol	7.15	107	239877	38.31	ng	# 86
18) Hexachloroethane	7.41	117	111075	37.24	ng	# 88
19) n-Nitroso-di-n-propylamine	7.31	70	192966	36.07	ng	# 77
20) 3+4-Methylphenols	7.30	107	272530	34.46	ng	# 70
22) Acetophenone	7.31	105	395490	39.35	ng	# 83
24) Nitrobenzene	7.49	77	297719	37.18	ng	# 72
25) Isophorone	7.73	82	557332	38.13	ng	# 93
26) 2-Nitrophenol	7.81	139	159724	41.55	ng	# 88
27) 2,4-Dimethylphenol	7.84	122	275857	40.79	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	325978	37.55	ng	# 93
29) 2,4-Dichlorophenol	8.05	162	270357	41.23	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	287955	39.34	ng	98
31) Naphthalene	8.21	128	846724	38.87	ng	97
32) Benzoic acid	7.95	122	146630	38.05	ng	# 71
33) 4-Chloroaniline	8.26	127	183781	19.51	ng	# 97
34) Hexachlorobutadiene	8.32	225	174028	40.20	ng	98
35) Caprolactam	8.63	113	82034m	45.19	ng	
36) 4-Chloro-3-methylphenol	8.73	107	263567	41.11	ng	# 78
37) 2-Methylnaphthalene	8.89	142	566352	38.09	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	293497	39.29	ng	98
40) Hexachlorocyclopentadiene	9.05	237	339151	88.17	ng	97

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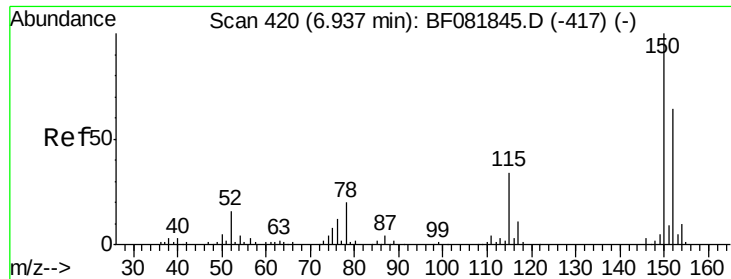
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	194688	38.02	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	221814m	42.12	ng	
45) 1,1'-Biphenyl	9.36	154	715816	38.14	ng	94
46) 2-Chloronaphthalene	9.38	162	548686	37.23	ng	# 92
47) 2-Nitroaniline	9.49	65	172867	39.95	ng	# 82
48) Acenaphthylene	9.81	152	921537	39.07	ng	97
49) Dimethylphthalate	9.67	163	692111	41.21	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	143447	39.34	ng	# 64
51) Acenaphthene	9.98	154	620263	44.28	ng	90
52) 3-Nitroaniline	9.90	138	108148	25.64	ng	# 72
53) 2,4-Dinitrophenol	10.00	184	138063	78.65	ng	# 52
54) Dibenzofuran	10.15	168	818902	41.37	ng	# 92
55) 4-Nitrophenol	10.06	139	229701	75.36	ng	# 52
56) 2,4-Dinitrotoluene	10.13	165	191564	41.21	ng	# 68
57) Fluorene	10.49	166	634493	44.80	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	194622	46.59	ng	91
59) Diethylphthalate	10.37	149	666017	42.46	ng	95
60) 4-Chlorophenyl-phenylether	10.48	204	308231	42.53	ng	94
61) 4-Nitroaniline	10.51	138	162289	38.37	ng	# 51
62) Azobenzene	10.64	77	660926	43.17	ng	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	106714	48.52	ng	# 76
65) n-Nitrosodiphenylamine	10.61	169	569345	38.93	ng	91
66) 4-Bromophenyl-phenylether	10.97	248	207667	42.60	ng	# 92
67) Hexachlorobenzene	11.03	284	193481	35.17	ng	# 88
68) Atrazine	11.13	200	199759	44.02	ng	84
69) Pentachlorophenol	11.22	266	230427	73.52	ng	100
70) Phenanthrene	11.45	178	972752	41.69	ng	96
71) Anthracene	11.50	178	990650	40.32	ng	97
72) Carbazole	11.66	167	913005	41.06	ng	95
73) Di-n-butylphthalate	11.99	149	1054215	46.59	ng	# 99
74) Fluoranthene	12.64	202	1061135	40.98	ng	86
76) Benzidine	12.77	184	423554	33.49	ng	97
77) Pyrene	12.87	202	1086412	43.33	ng	96
79) Butylbenzylphthalate	13.49	149	477426	50.60	ng	# 90
80) Benzo(a)anthracene	14.05	228	906379	40.10	ng	96
81) 3,3'-Dichlorobenzidine	14.02	252	208715	27.34	ng	# 91
82) Chrysene	14.09	228	962117m	55.41	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	582812	49.24	ng	# 92
84) Di-n-octyl phthalate	14.65	149	1021511	53.03	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	707362	40.01	ng	# 87
87) Benzo(b)fluoranthene	15.09	252	955687m	47.73	ng	
88) Benzo(k)fluoranthene	15.12	252	699373m	38.11	ng	
89) Benzo(a)pyrene	15.45	252	776257	44.69	ng	# 85
90) Dibenzo(a,h)anthracene	16.96	278	582485	39.97	ng	# 80
91) Benzo(g,h,i)perylene	17.37	276	566192	37.91	ng	# 77

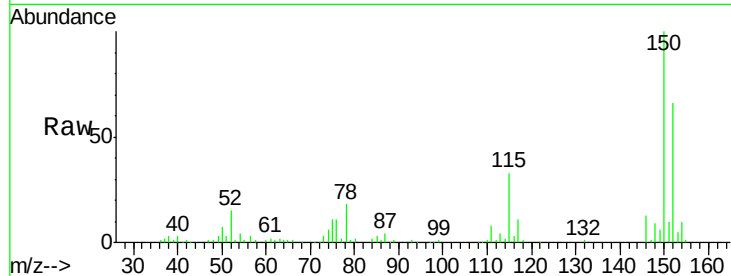
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

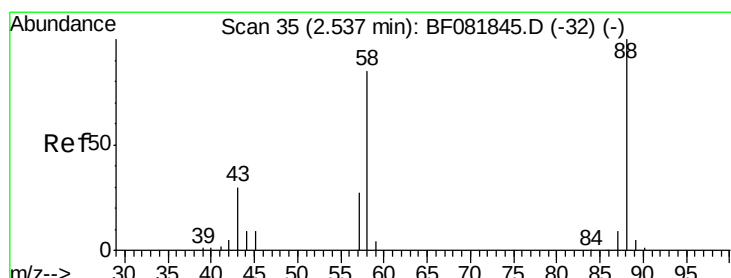
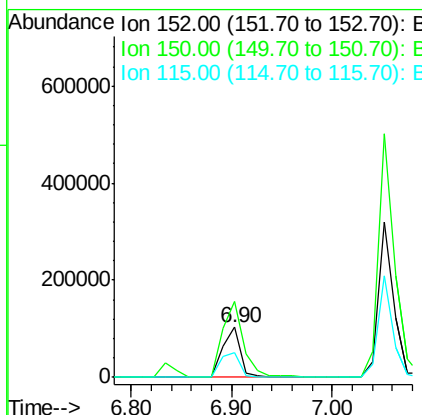
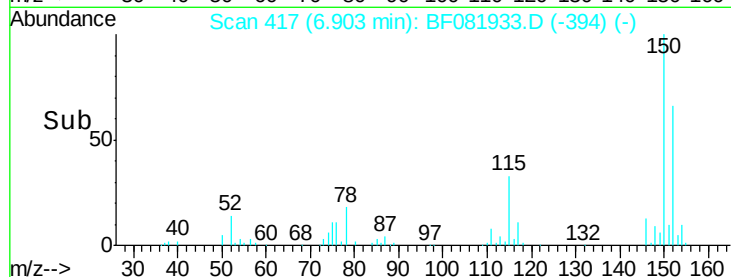
Instrument :
BNA_F
ClientSampleId :
PB85818BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.7	187.1
115	49.5	39.0	58.4

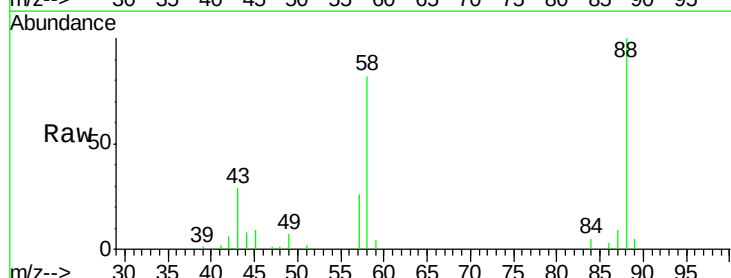
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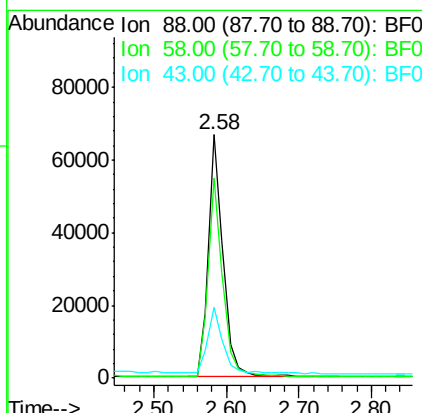
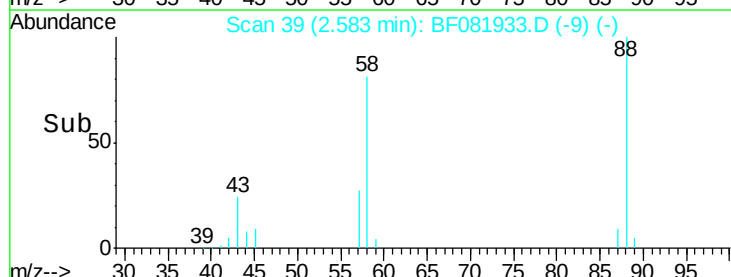


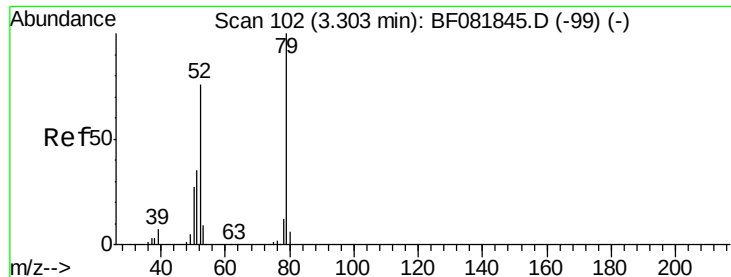
#2

1,4-Dioxane
Concen: 31.03 ng
RT: 2.58 min Scan# 39
Delta R.T. 0.05 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07



Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	77.7	116.5
43	33.1	26.6	40.0





#3

Pyridine

Concen: 33.34 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

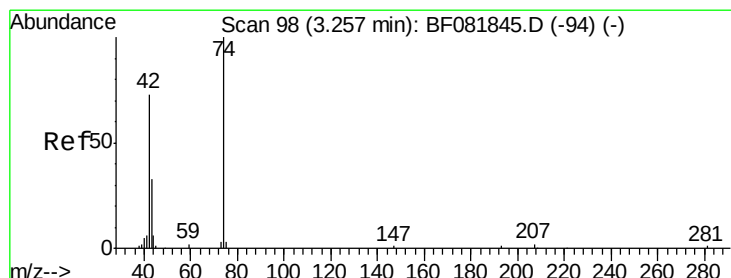
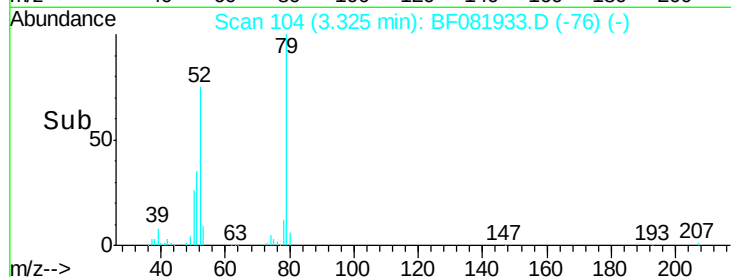
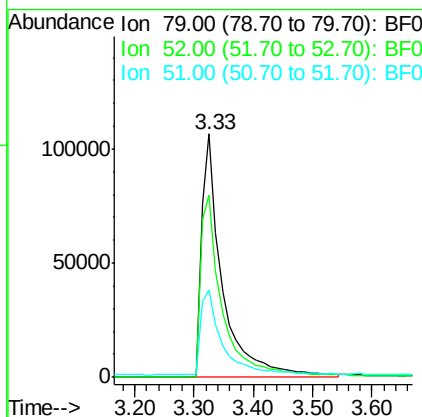
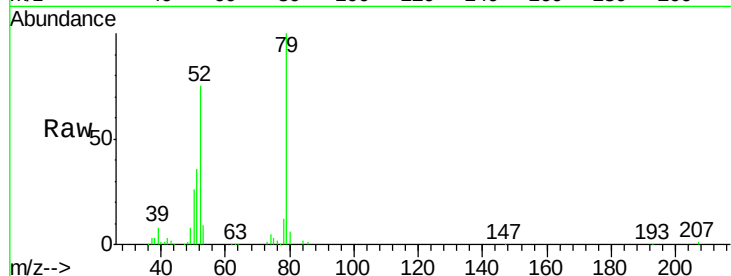
ClientSampleId :

PB85818BS

Tgt Ion:	79	Resp:	264034
Ion	Ratio	Lower	Upper
79	100		
52	74.7	76.8	115.2#
51	35.9	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 30.69 ng

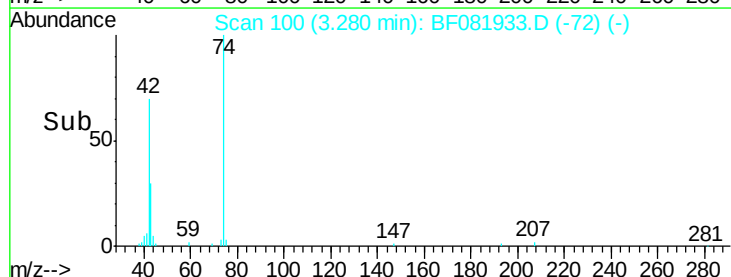
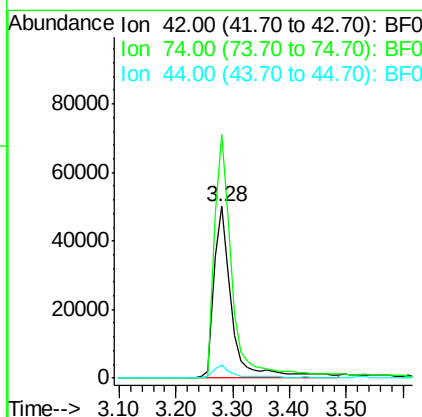
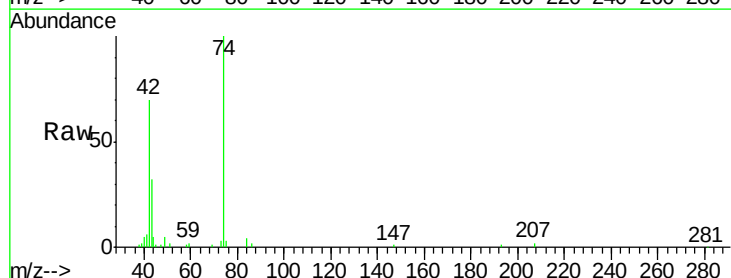
RT: 3.28 min Scan# 100

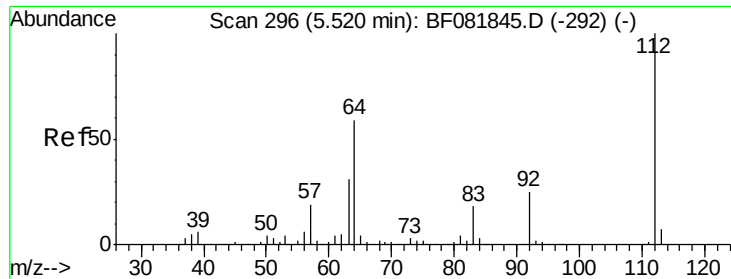
Delta R.T. 0.02 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion:	42	Resp:	110376
Ion	Ratio	Lower	Upper
42	100		
74	141.9	105.0	157.6
44	7.5	6.6	10.0





#5

2-Fluorophenol

Concen: 100.91 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

PB85818BS

Tgt Ion: 112 Resp: 705807
Ion Ratio Lower Upper

112 100

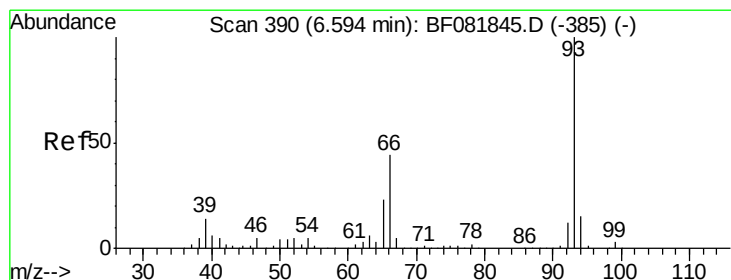
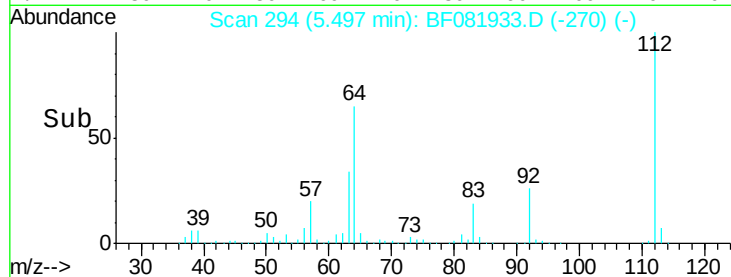
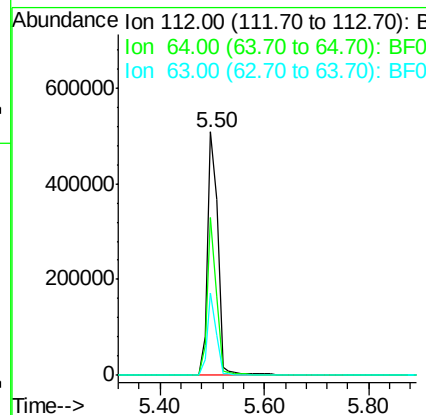
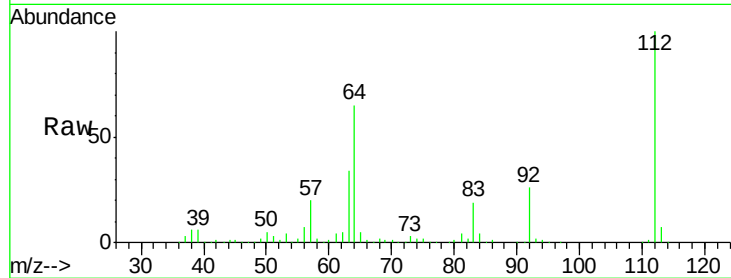
64 64.9 39.7 59.5#

63 33.9 17.4 26.0#

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#6

Aniline

Concen: 26.30 ng m

RT: 6.56 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF081933.D

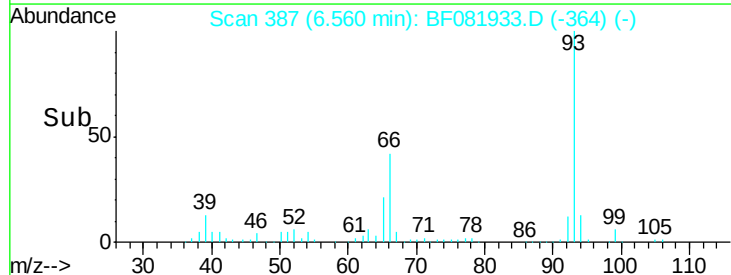
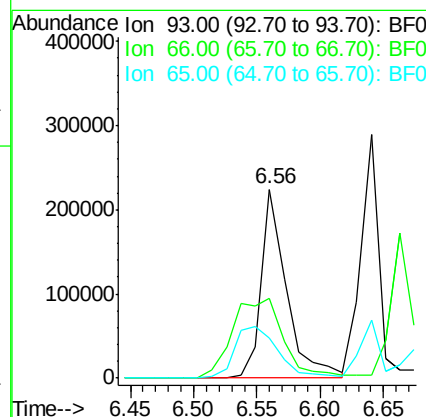
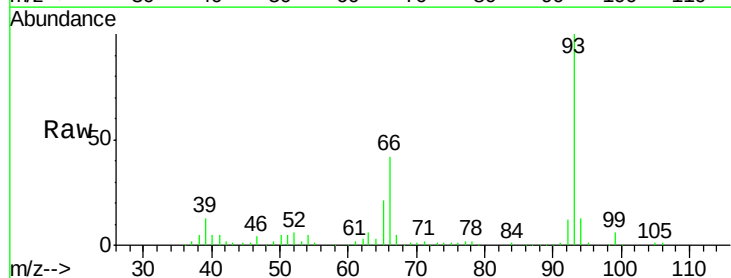
Acq: 1 Oct 2015 12:07

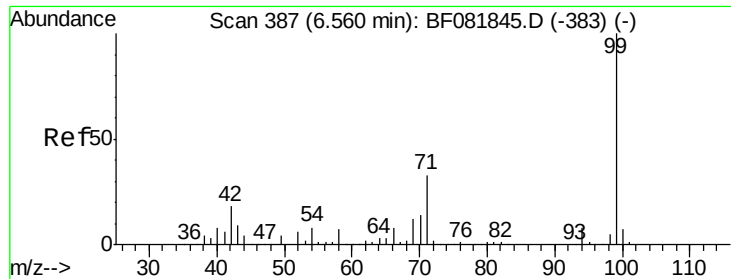
Tgt Ion: 93 Resp: 310991
Ion Ratio Lower Upper

93 100

66 42.3 27.2 40.8#

65 21.3 14.7 22.1





#7

Phenol-d6

Concen: 106.19 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081933.D

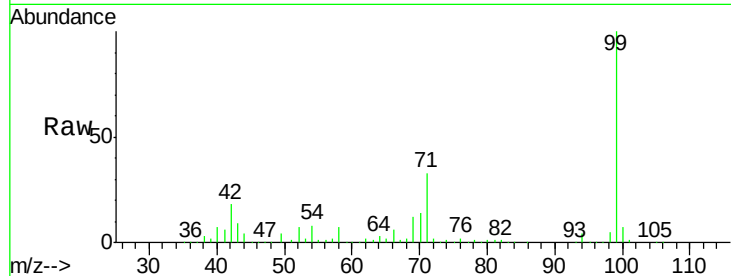
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

PB85818BS



Tgt Ion: 99 Resp: 934598

Ion Ratio Lower Upper

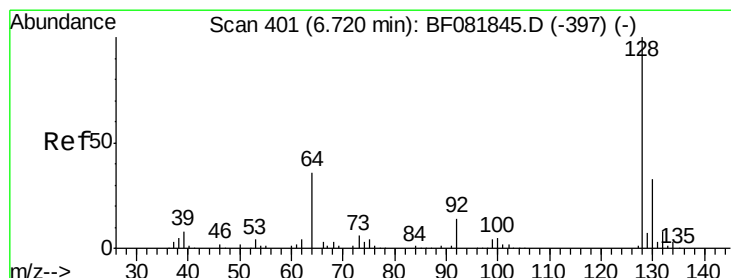
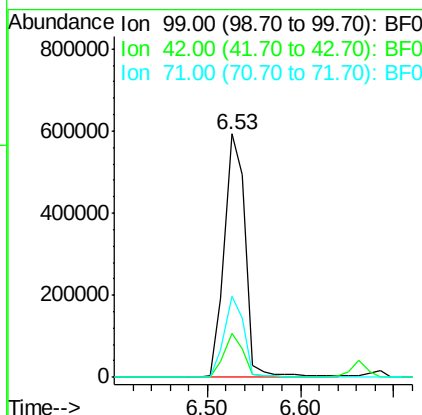
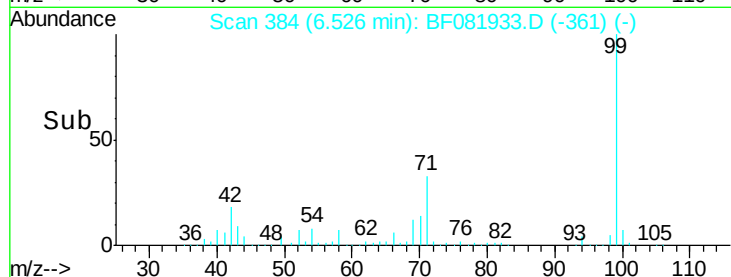
99 100

42 18.0 13.7 20.5

71 33.3 14.2 21.2#

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#8

2-Chlorophenol

Concen: 38.26 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

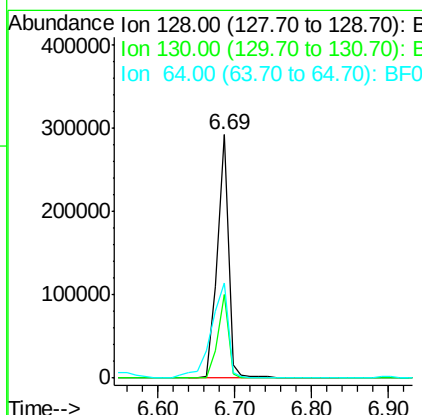
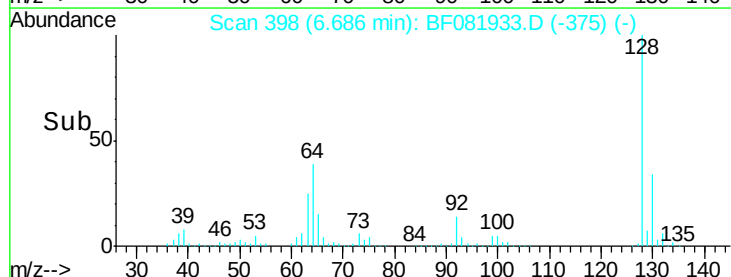
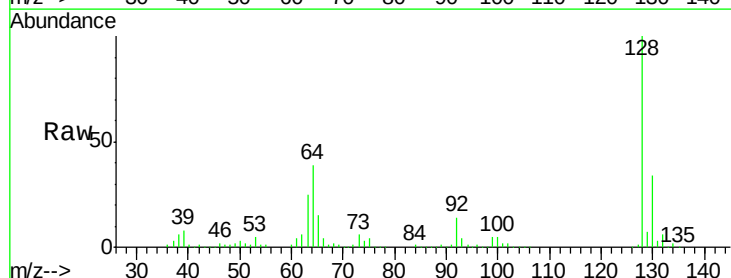
Tgt Ion: 128 Resp: 295508

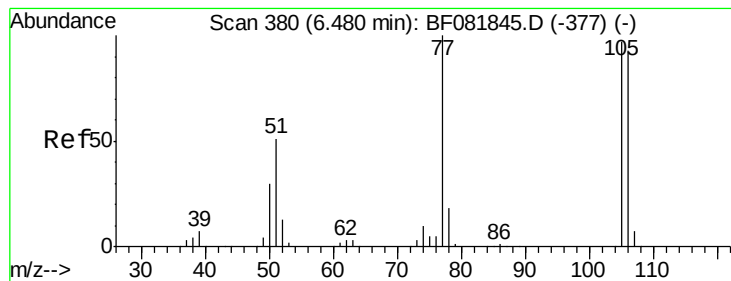
Ion Ratio Lower Upper

128 100

130 34.3 12.2 52.2

64 38.8 20.5 60.5





#9

Benzaldehyde

Concen: 9.74 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

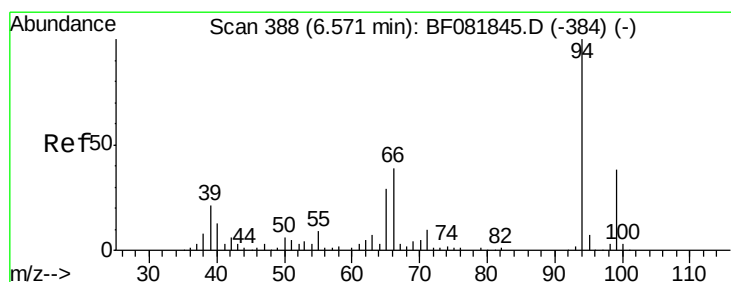
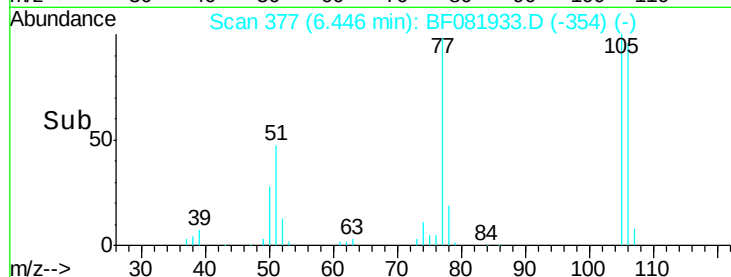
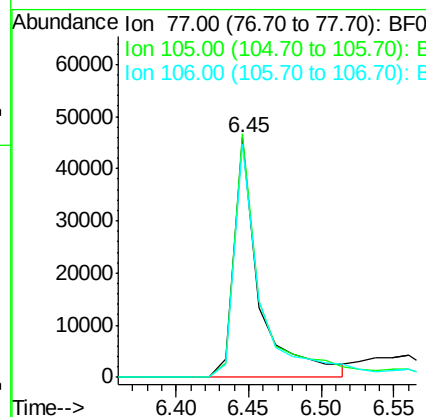
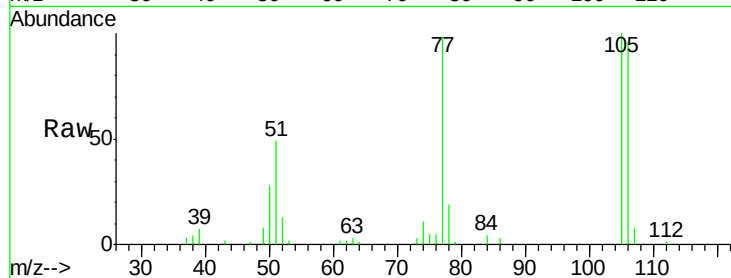
ClientSampleId :

PB85818BS

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.7	91.6	131.6
106	97.3	102.6	142.6



#10

Phenol

Concen: 33.94 ng

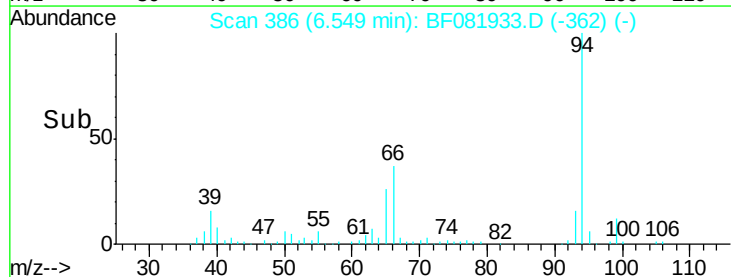
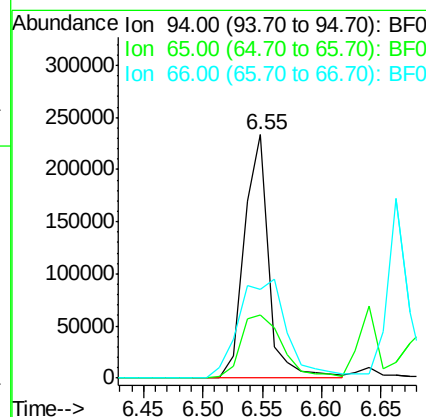
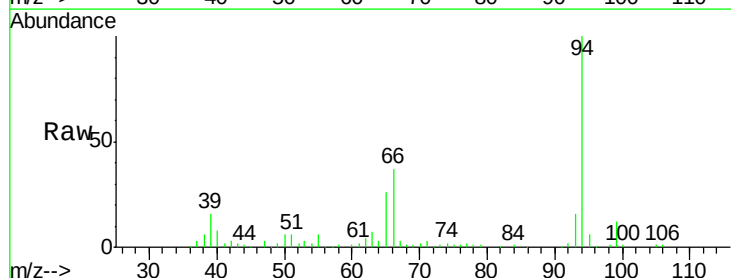
RT: 6.55 min Scan# 386

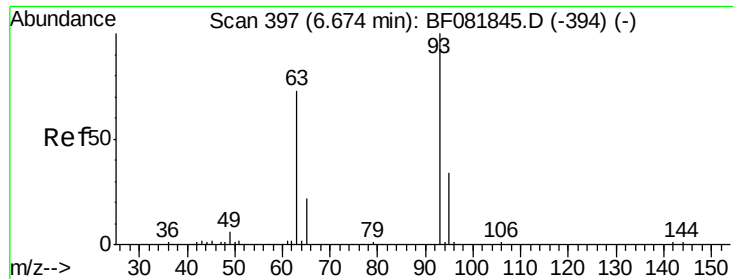
Delta R.T. -0.02 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	0.7	40.7
66	36.7	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.55 ng m

RT: 6.64 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

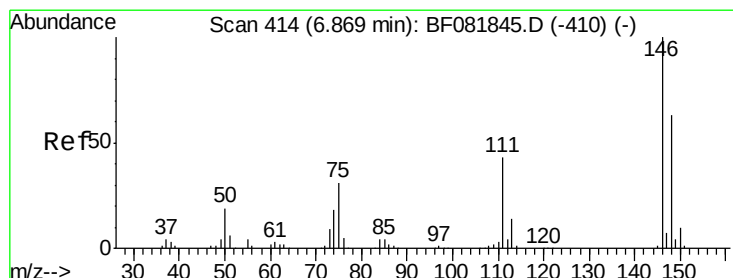
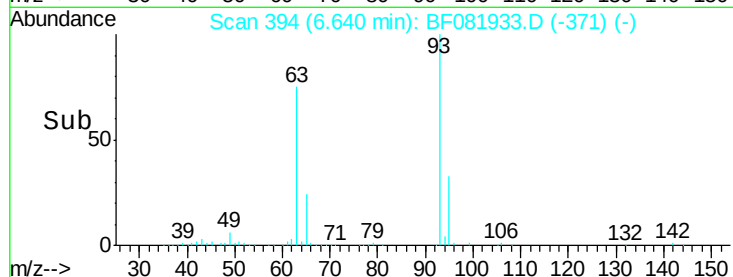
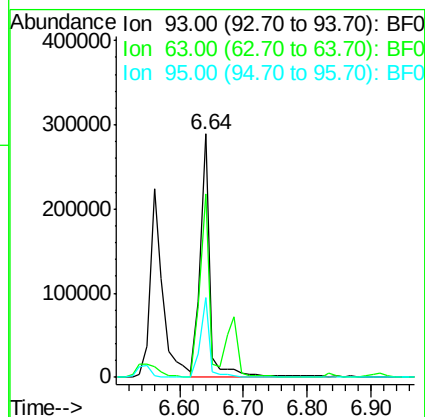
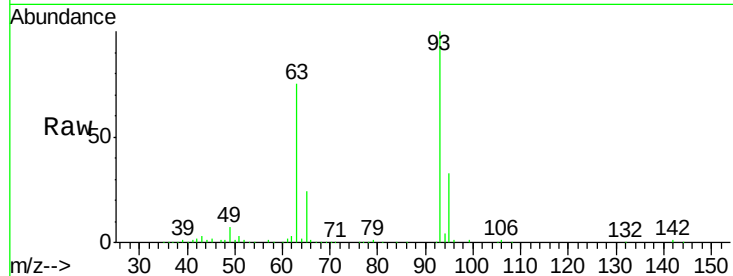
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Tgt Ion:	93	Resp:	318104
Ion	Ratio	Lower	Upper
93	100		
63	75.3	65.6	105.6
95	32.9	13.6	53.6



#12

1,3-Dichlorobenzene

Concen: 35.27 ng m

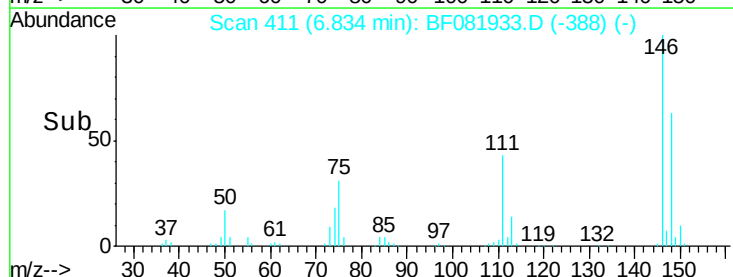
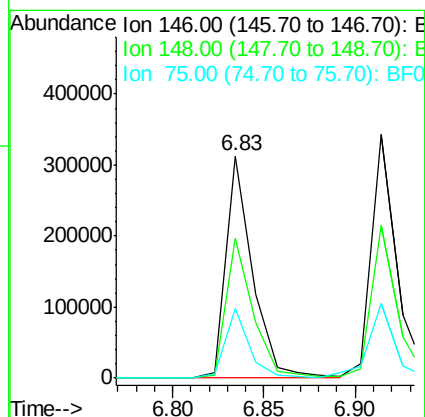
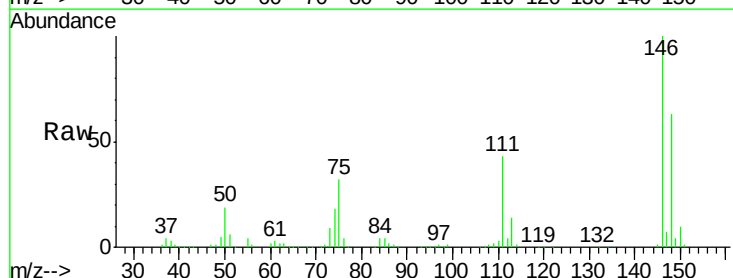
RT: 6.83 min Scan# 411

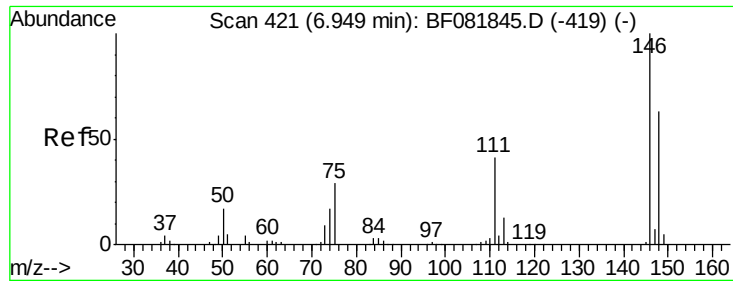
Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion:	146	Resp:	321821
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
75	31.5	15.0	22.6#





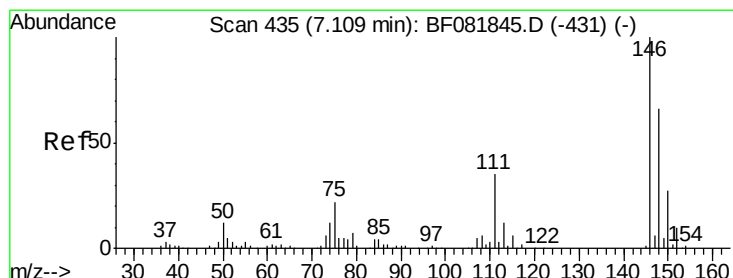
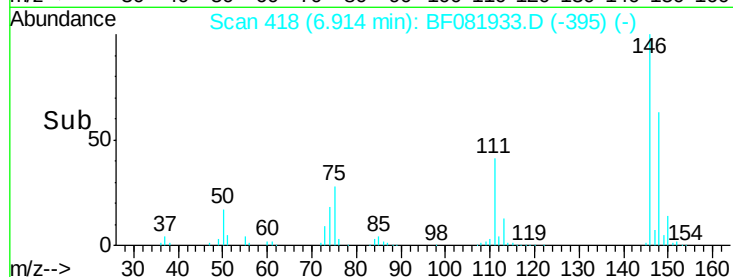
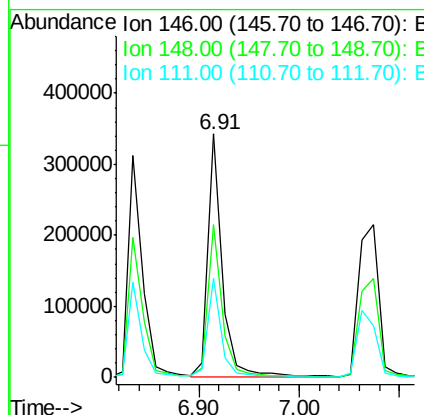
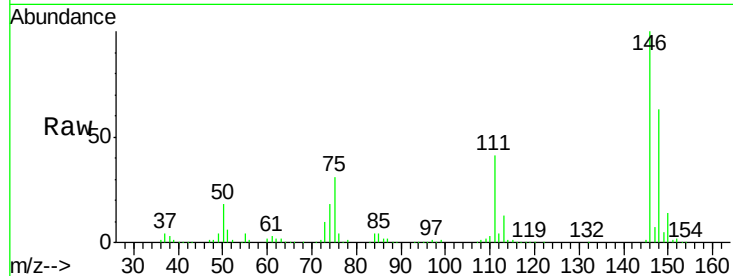
#13
1,4-Dichlorobenzene
Concen: 36.35 ng m
RT: 6.91 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
111	40.5	24.9	37.3

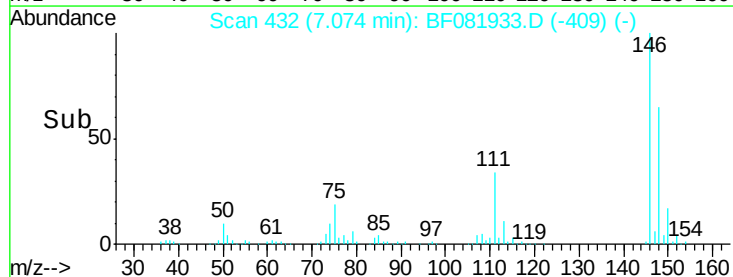
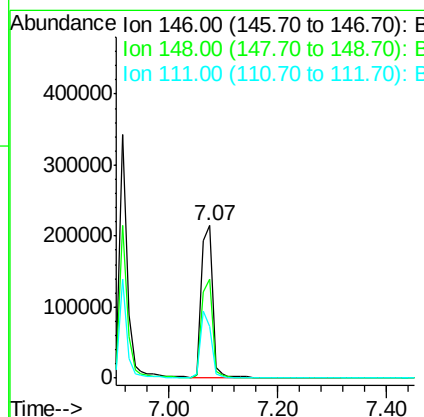
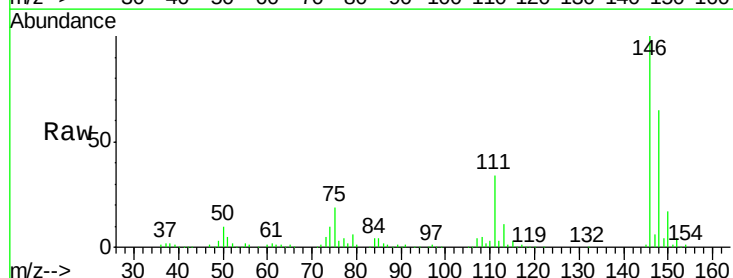
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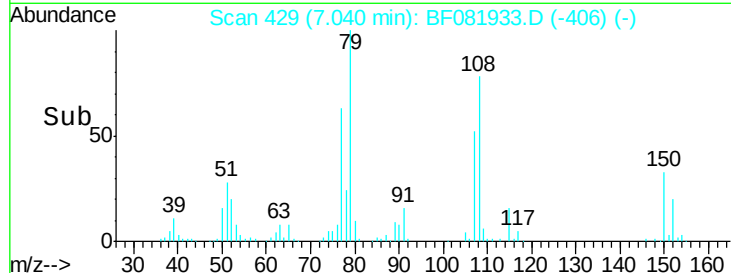
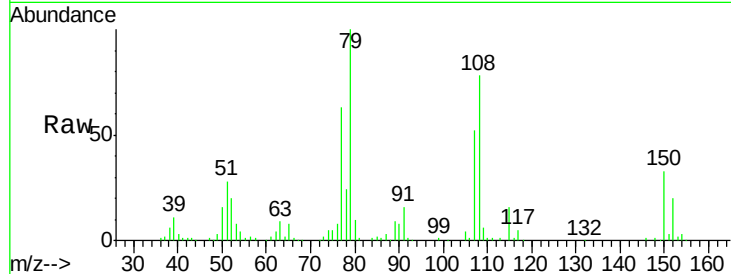
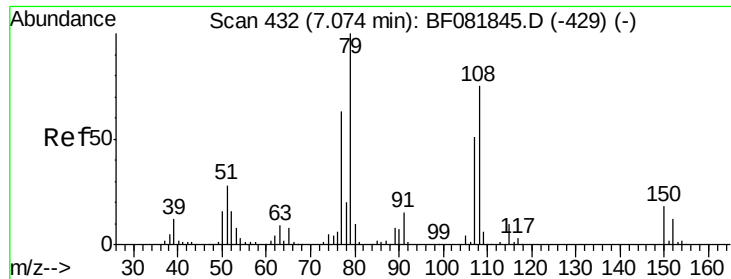
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#14
1,2-Dichlorobenzene
Concen: 36.06 ng
RT: 7.07 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
111	34.1	28.8	43.2





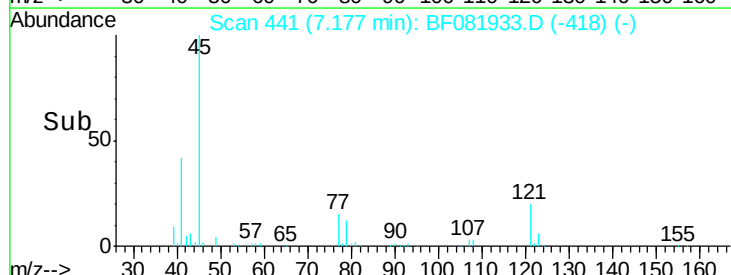
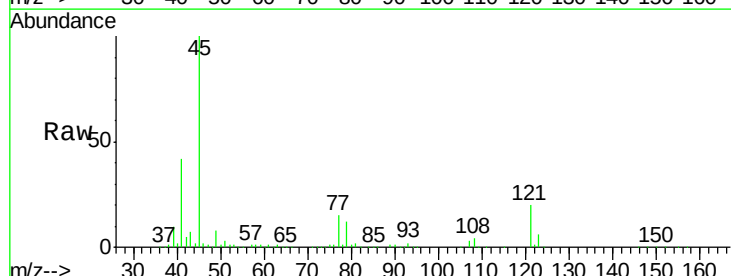
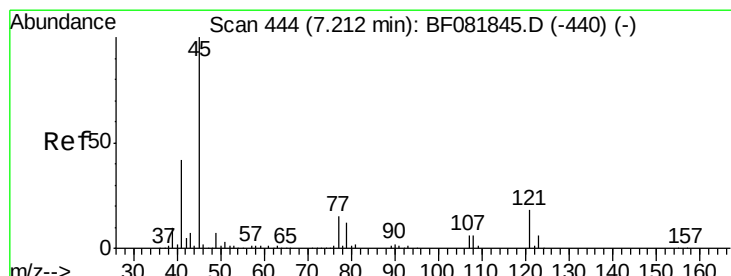
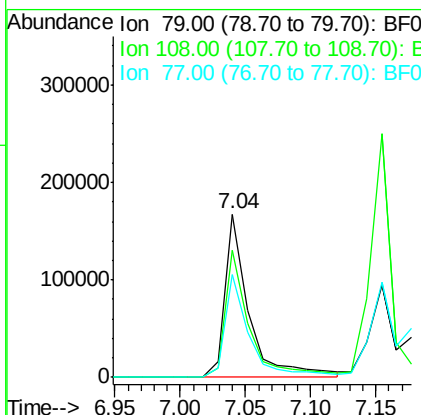
#15
Benzyl Alcohol
Concen: 33.92 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion: 79 Resp: 215525
Ion Ratio Lower Upper
79 100
108 77.9 88.6 132.8#
77 62.8 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
PB85818BS

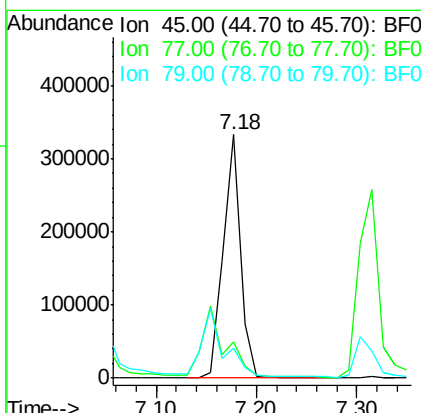
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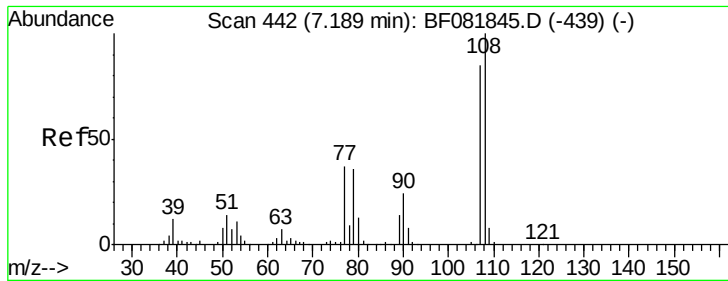
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.92 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion: 45 Resp: 399605
Ion Ratio Lower Upper
45 100
77 15.0 0.0 28.1
79 12.4 0.0 26.0





#17

2-Methylphenol

Concen: 38.31 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF081933.D

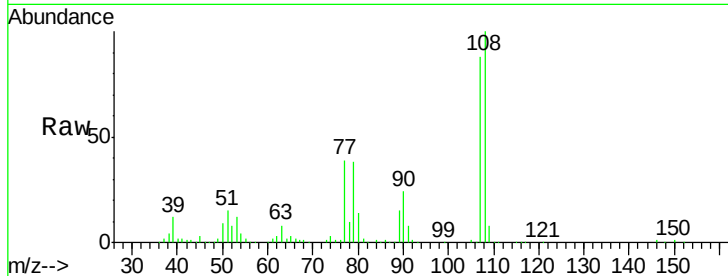
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

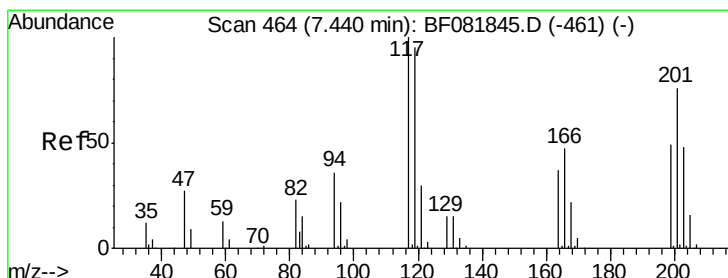
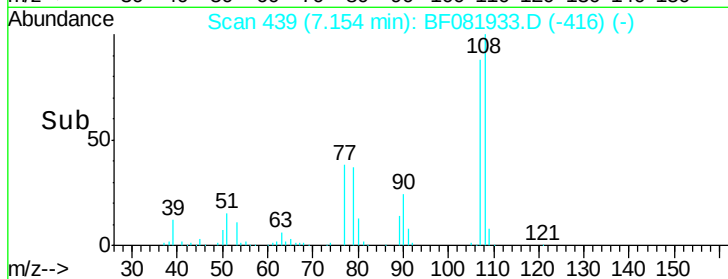
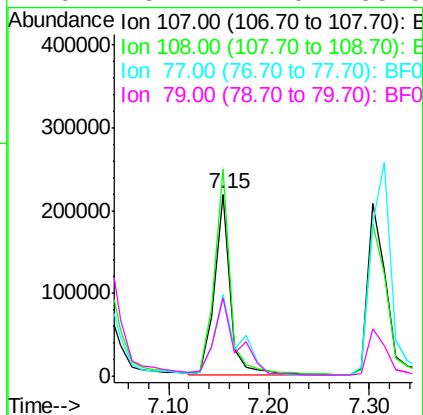
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Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	96.6	145.0	
77	44.6	23.3	34.9#	
79	43.1	22.0	33.0#	

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#18

Hexachloroethane

Concen: 37.24 ng

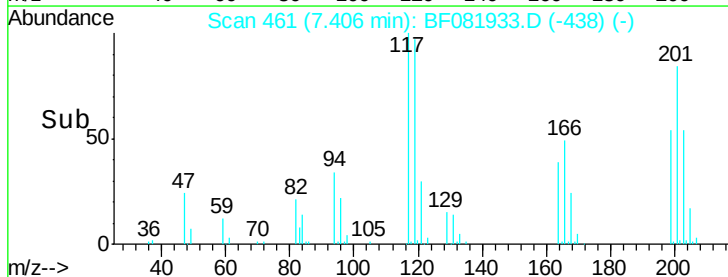
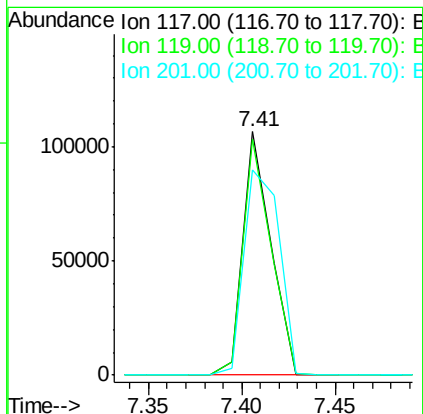
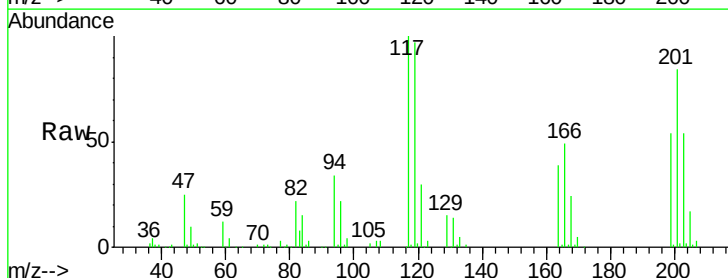
RT: 7.41 min Scan# 461

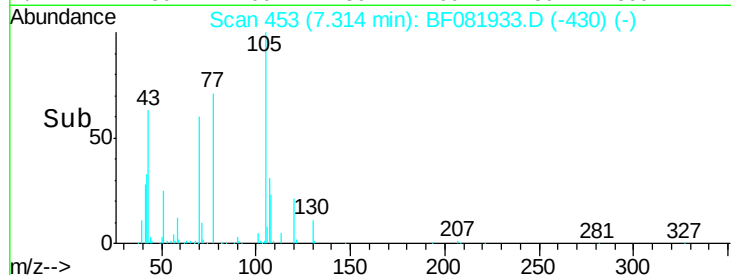
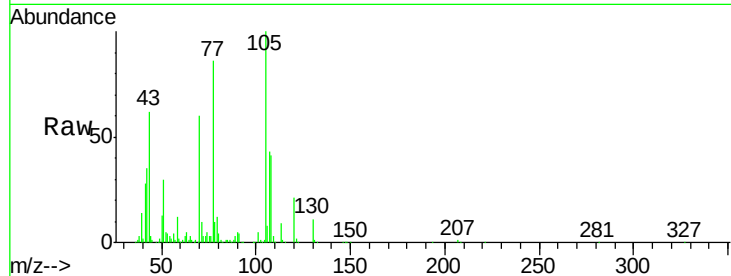
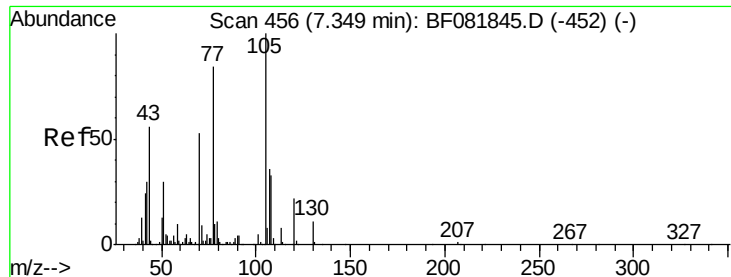
Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	83.8	125.6	
201	84.1	55.1	82.7#	





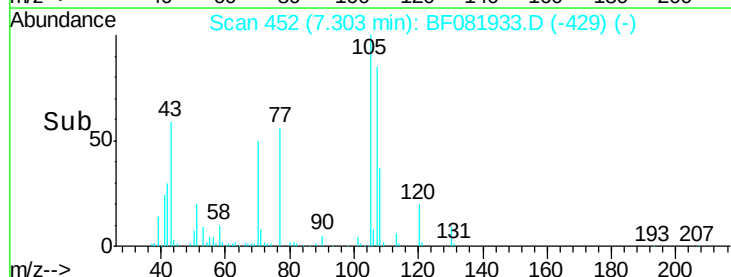
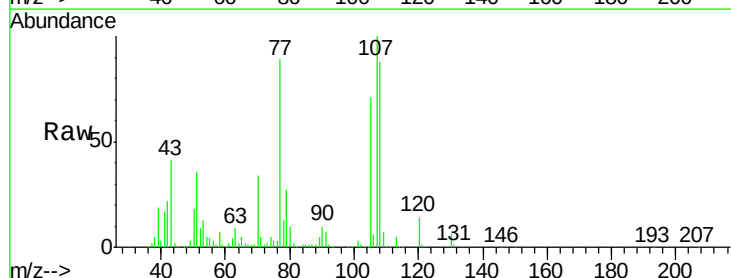
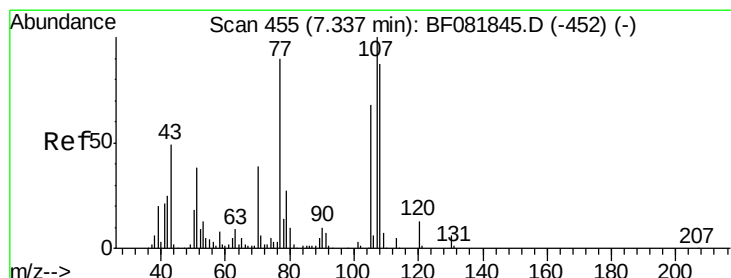
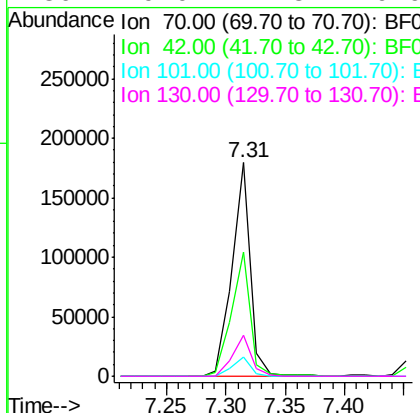
#19
n-Nitroso-di-n-propylamine
Concen: 36.07 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	192966		
42	58.2	63.8	95.6#	
101	9.1	9.2	13.8#	
130	19.0	27.3	40.9#	

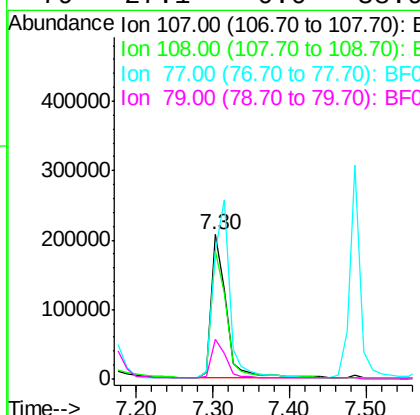
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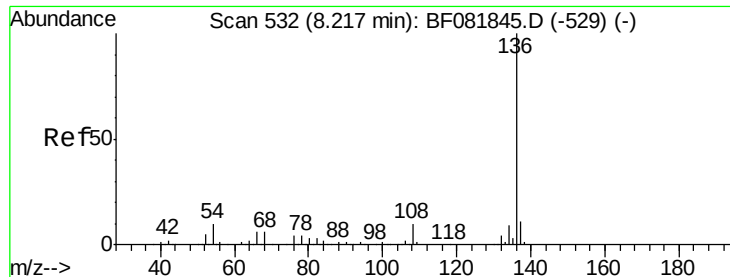
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#20
3+4-Methylphenols
Concen: 34.46 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	272530		
108	88.2	74.6	114.6	
77	89.0	0.7	40.7#	
79	27.1	0.0	38.9	





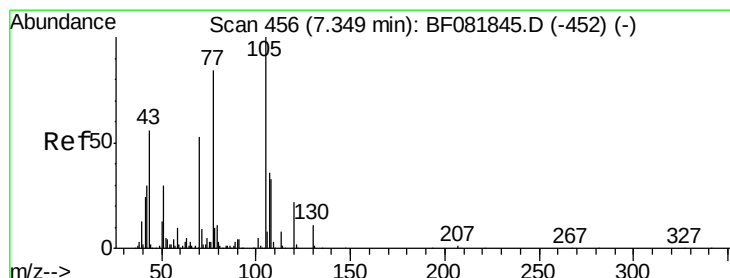
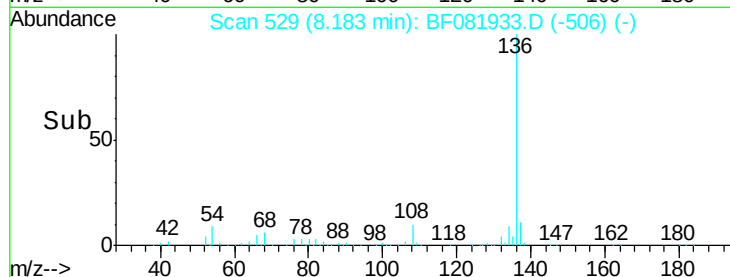
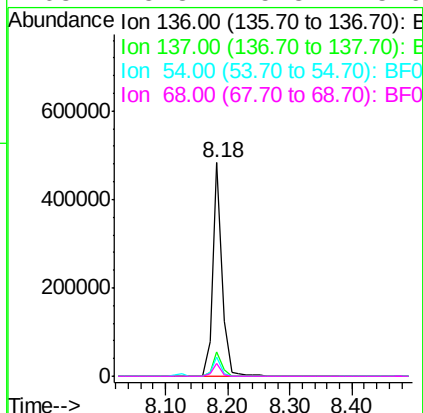
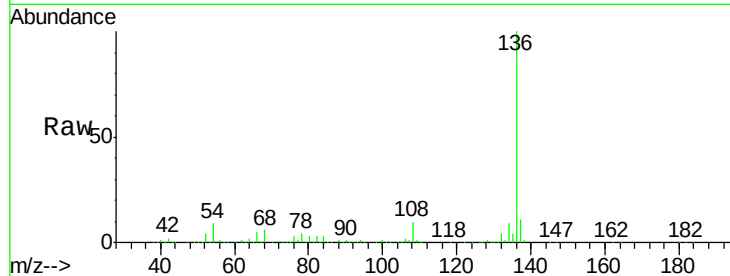
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	491609		
137	11.4	9.0	13.6	
54	8.8	8.2	12.2	
68	5.8	5.8	8.6	

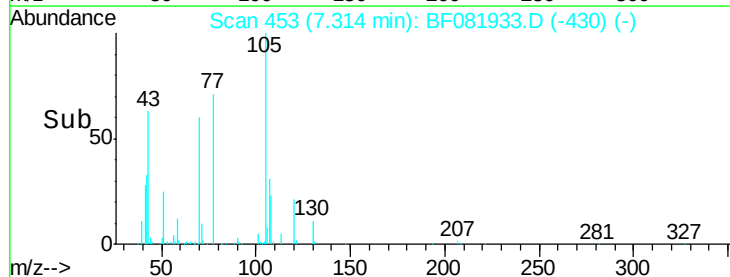
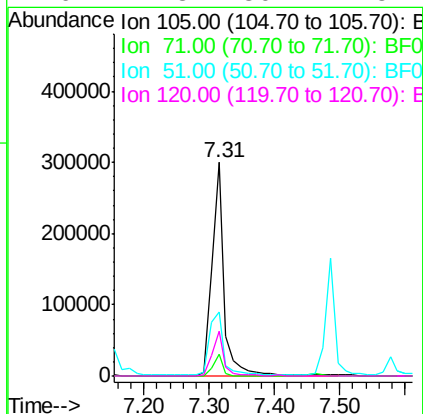
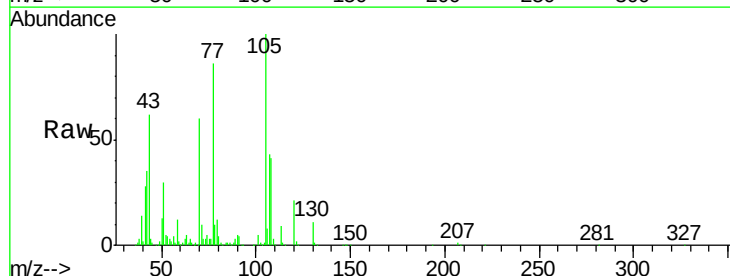
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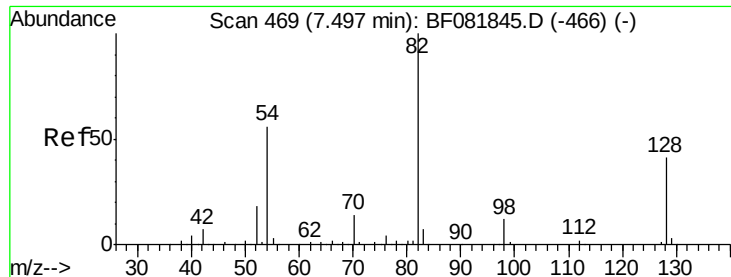
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#22
Acetophenone
Concen: 39.35 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395490		
71	10.0	4.7	7.1#	
51	30.2	22.0	33.0	
120	21.3	30.1	45.1#	





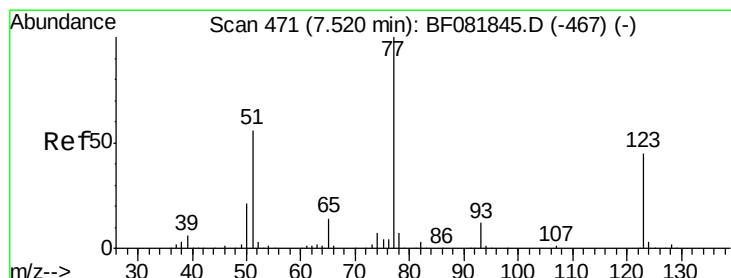
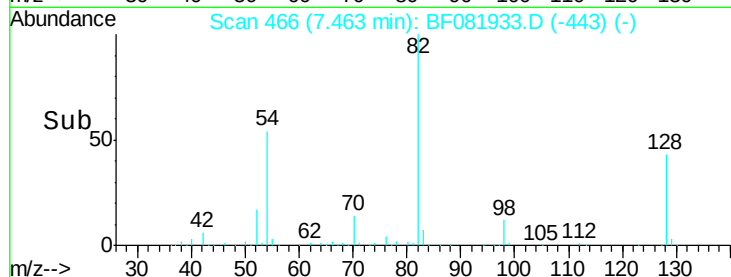
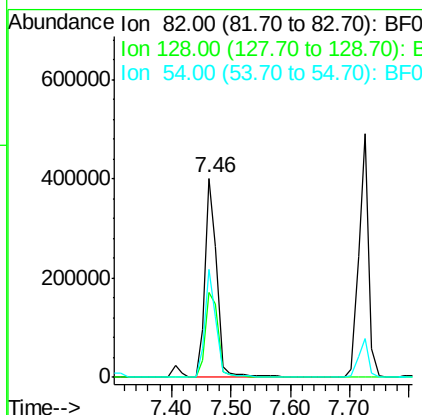
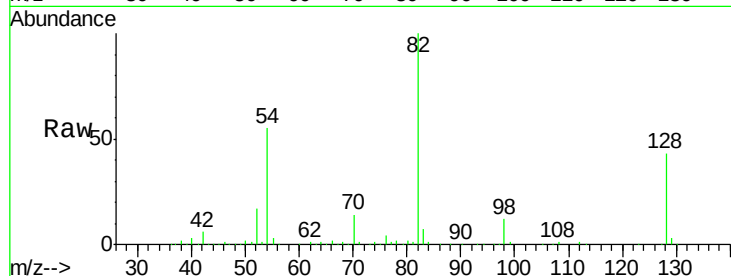
#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	54.6	47.5	71.3

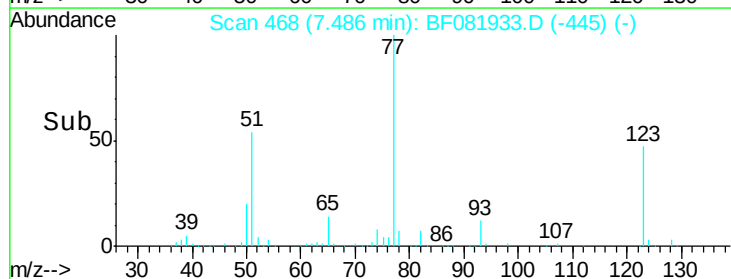
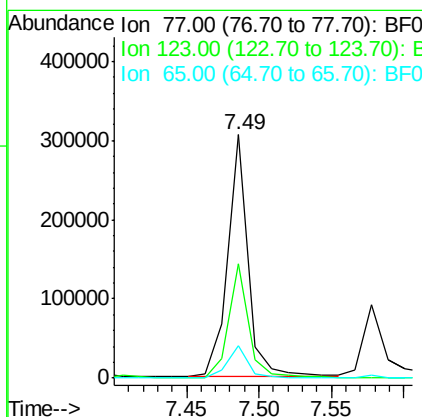
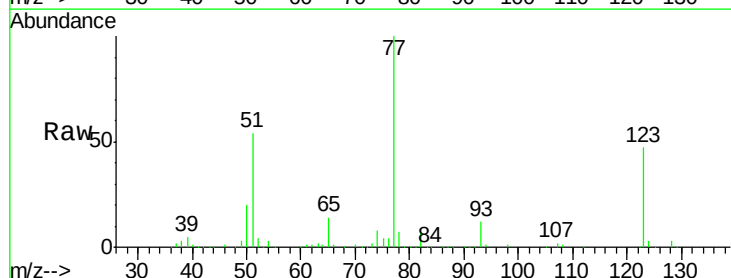
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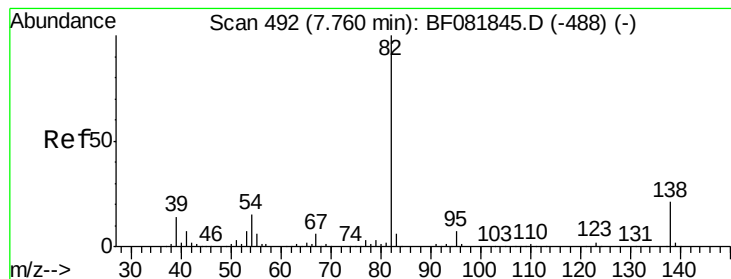
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#24
 Nitrobenzene
 Concen: 37.18 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	59.8	89.8#
65	13.5	10.2	15.4





#25

Isophorone

Concen: 38.13 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

PB85818BS

Tgt Ion: 82 Resp: 557332

Ion Ratio Lower Upper

82 100

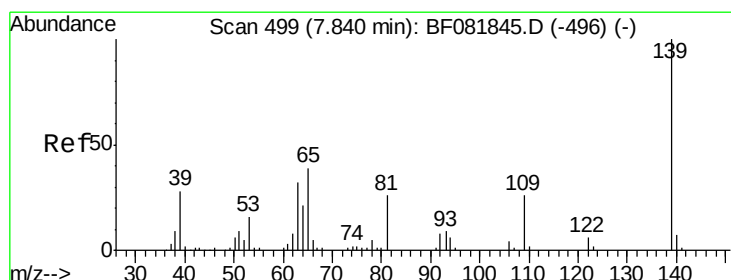
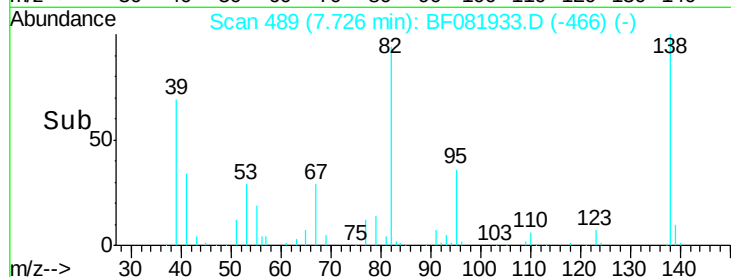
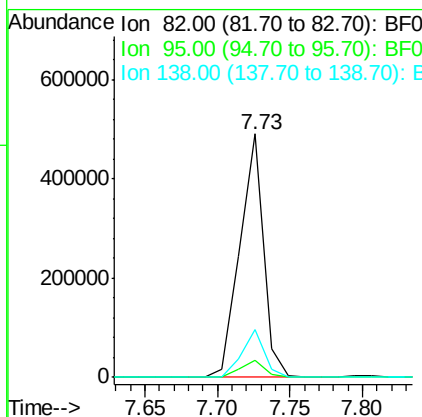
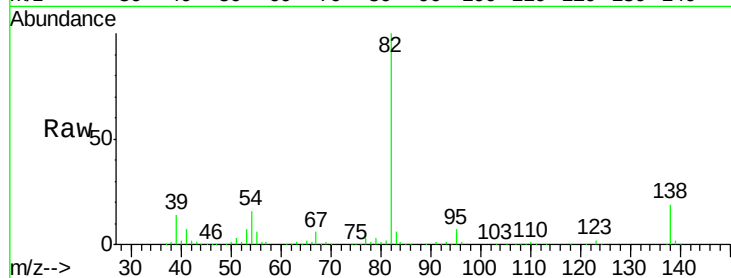
95 7.1 4.0 6.0#

138 19.5 18.3 27.5

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#26

2-Nitrophenol

Concen: 41.55 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

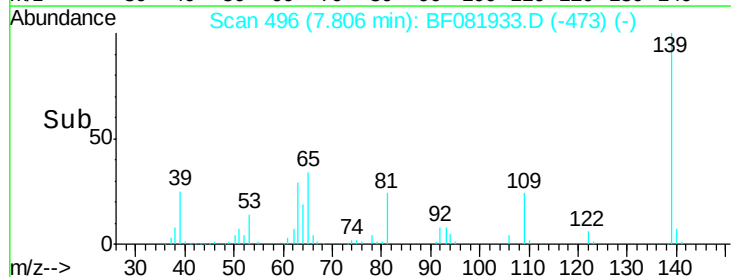
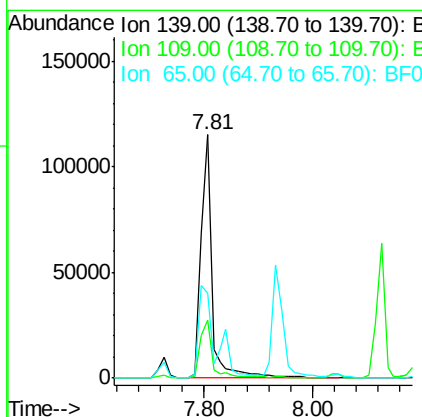
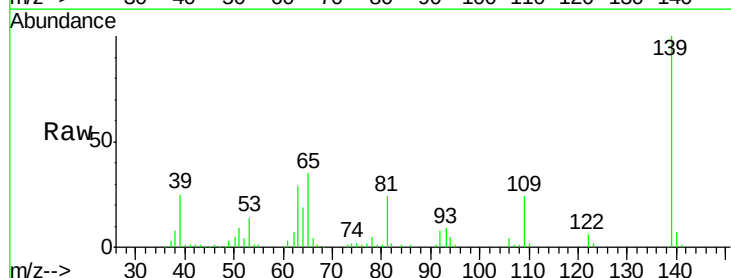
Tgt Ion: 139 Resp: 159724

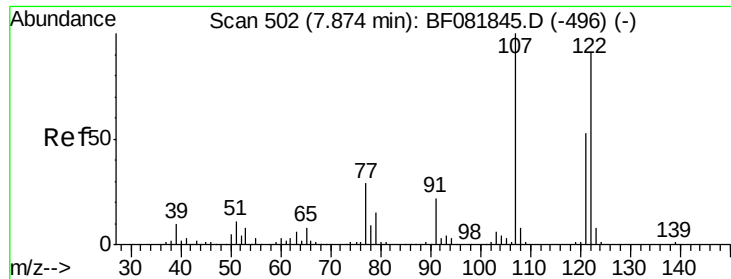
Ion Ratio Lower Upper

139 100

109 23.6 11.0 16.4#

65 34.8 24.7 37.1





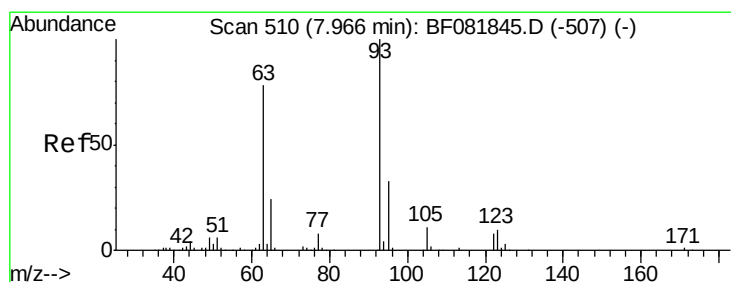
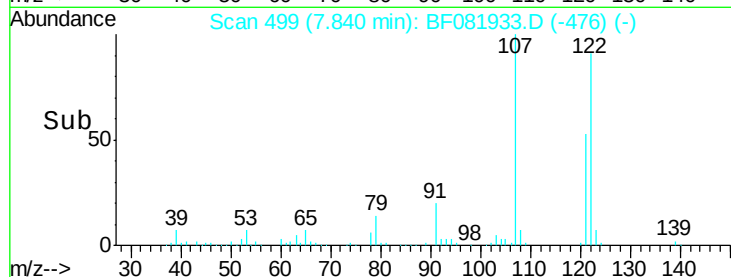
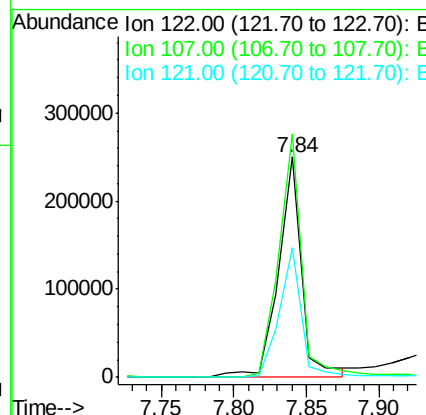
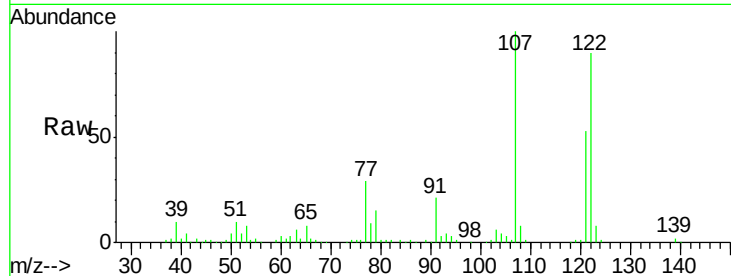
#27
 2,4-Dimethylphenol
 Concen: 40.79 ng
 RT: 7.84 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	275857		
107	110.7	71.8	107.6#	
121	58.9	42.3	63.5	

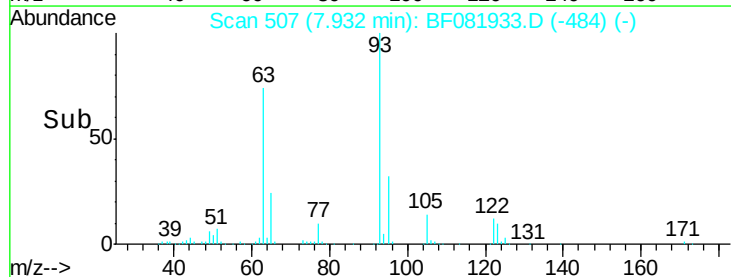
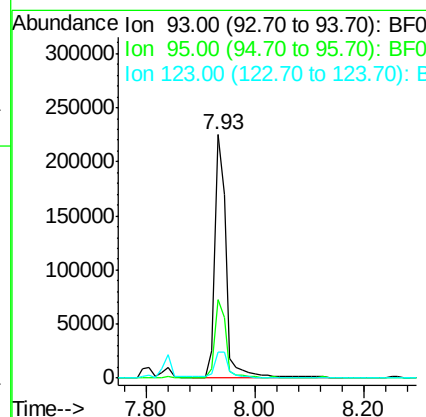
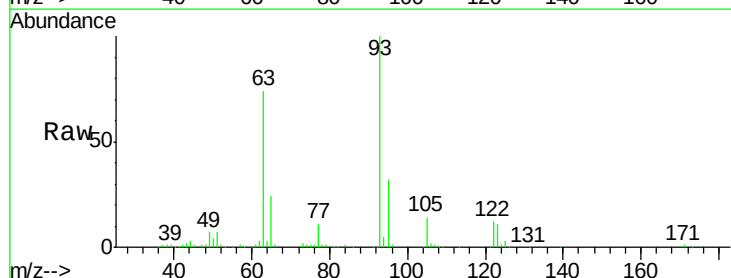
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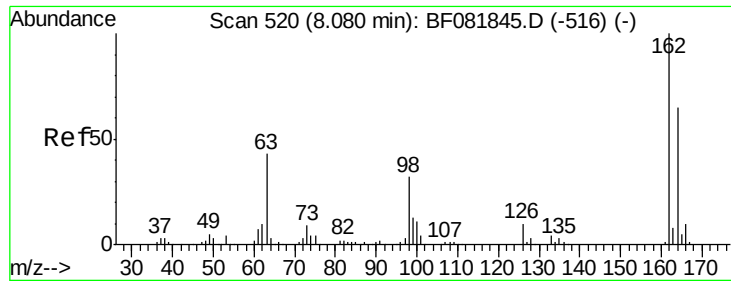
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.55 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325978		
95	32.5	27.5	41.3	
123	10.7	13.7	20.5#	





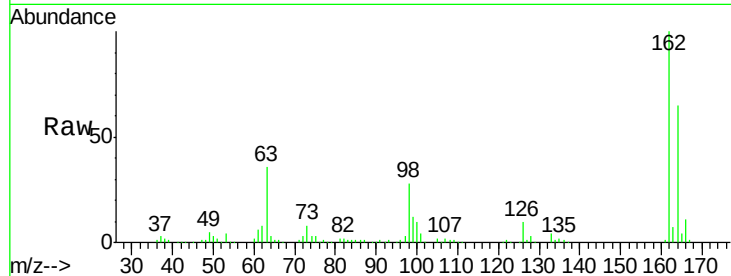
#29
 2,4-Dichlorophenol
 Concen: 41.23 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

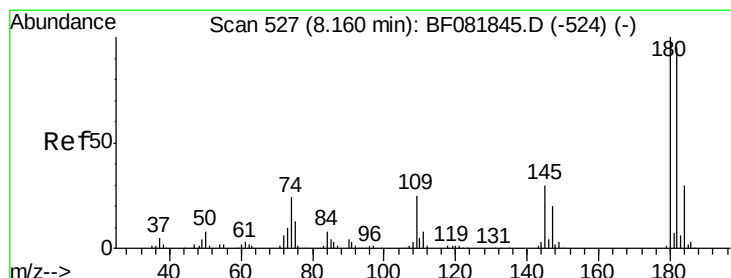
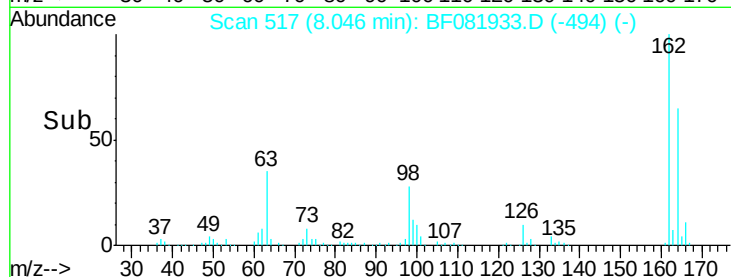
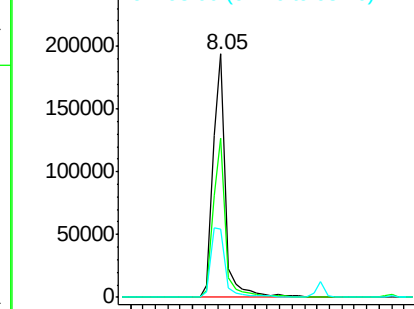
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	270357		
164	65.2	44.9	84.9	
98	28.1	13.0	53.0	

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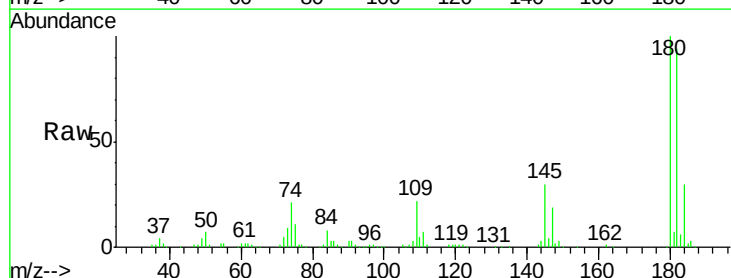


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

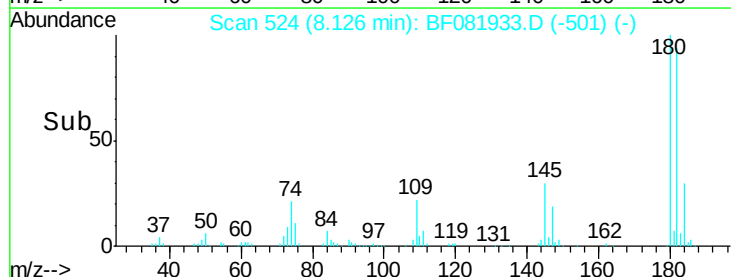
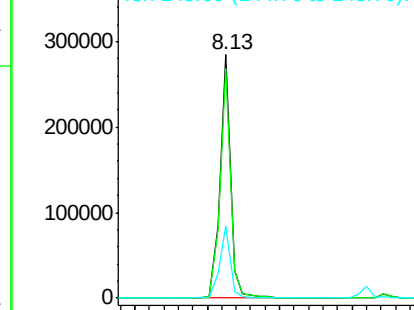


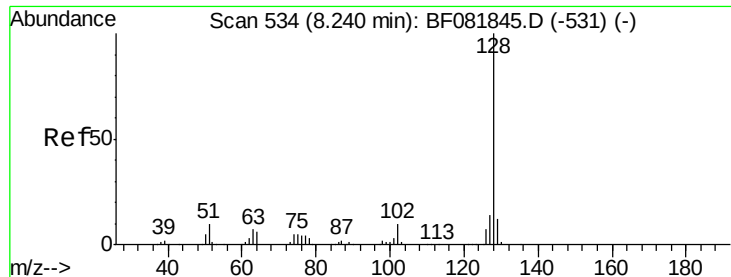
#30
 1,2,4-Trichlorobenzene
 Concen: 39.34 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	287955		
182	94.4	77.1	115.7	
145	29.8	23.3	34.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





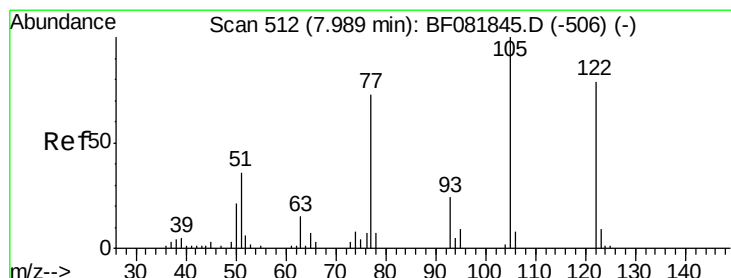
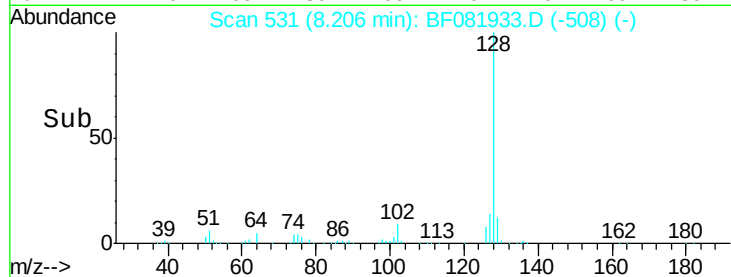
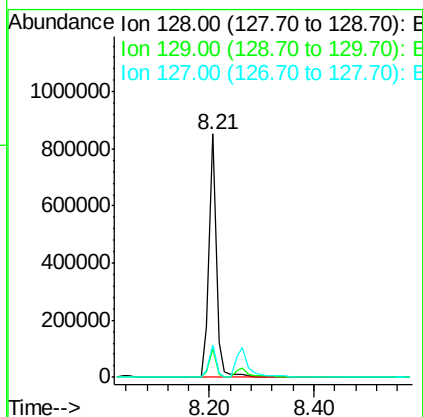
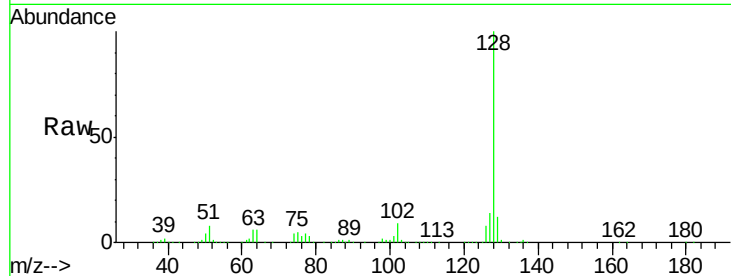
#31
Naphthalene
Concen: 38.87 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	846724		
129	11.5	8.4	12.6	
127	13.6	9.9	14.9	

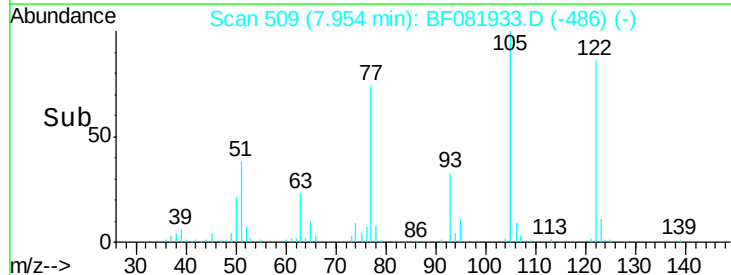
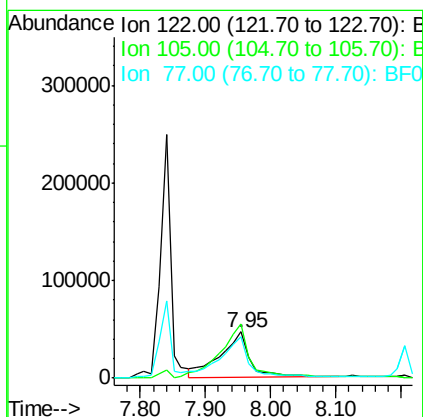
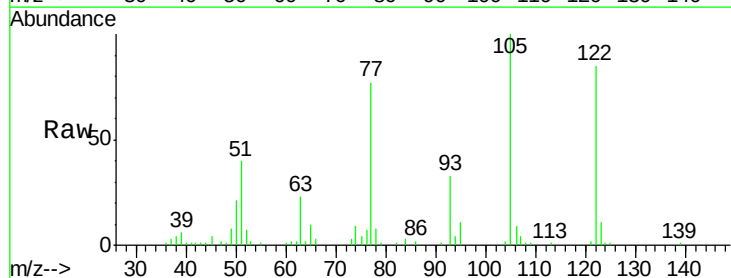
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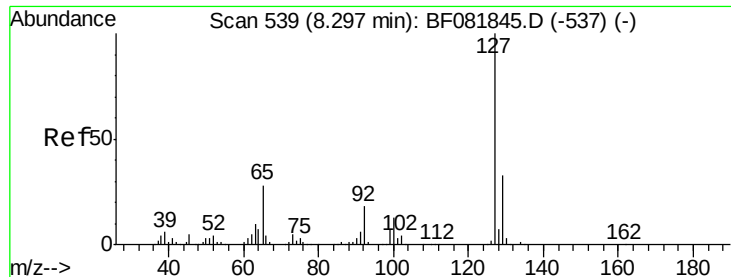
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#32
Benzoic acid
Concen: 38.05 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146630		
105	117.5	76.1	116.1#	
77	90.7	40.5	80.5#	





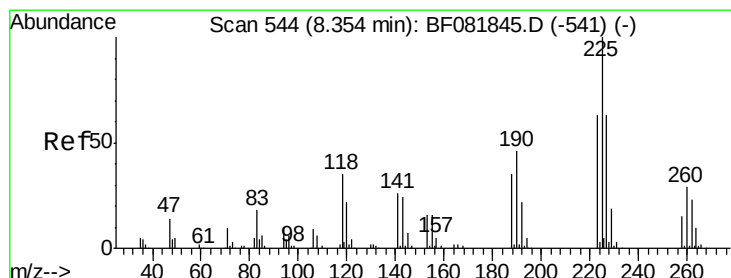
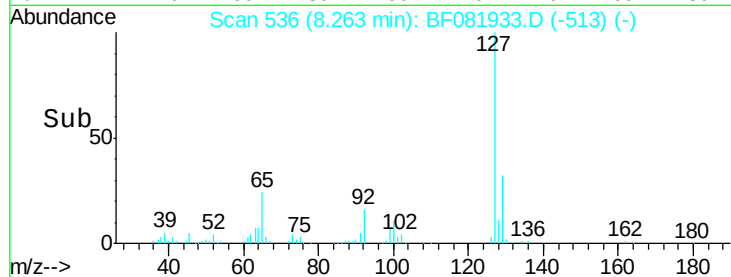
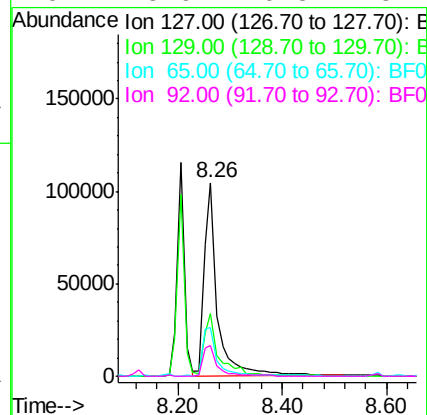
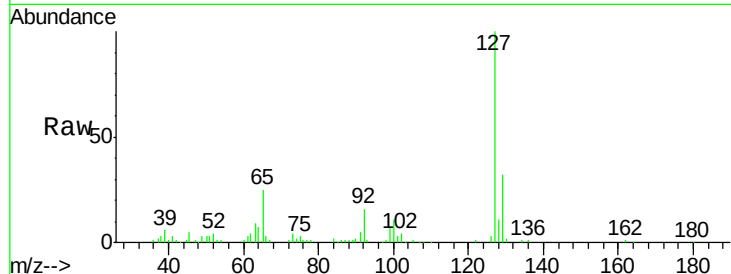
#33
 4-Chloroaniline
 Concen: 19.51 ng
 RT: 8.26 min Scan# 536
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	183781		
129	32.1	25.8	38.6	
65	24.9	17.9	26.9	
92	15.9	10.5	15.7	

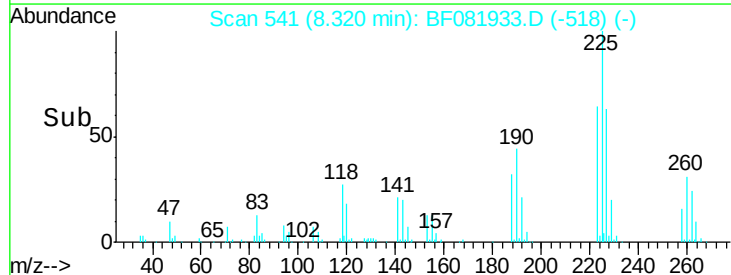
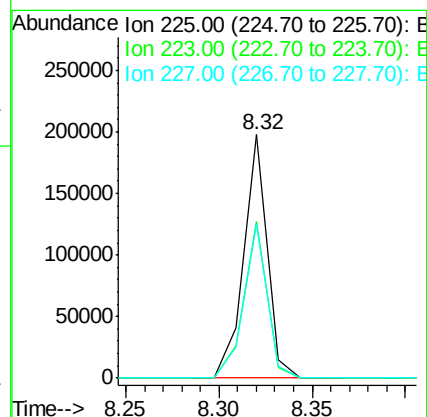
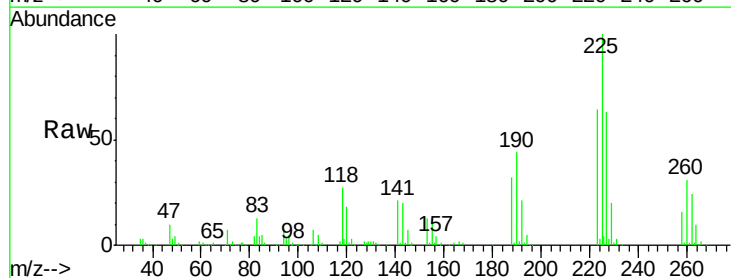
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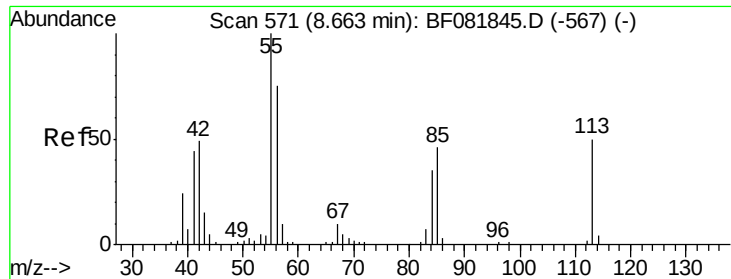
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#34
 Hexachlorobutadiene
 Concen: 40.20 ng
 RT: 8.32 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174028		
223	64.2	50.2	75.2	
227	63.1	52.2	78.2	





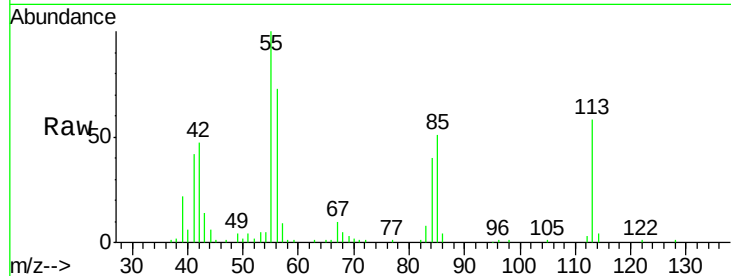
#35
 Caprolactam
 Concen: 45.19 ng m
 RT: 8.63 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

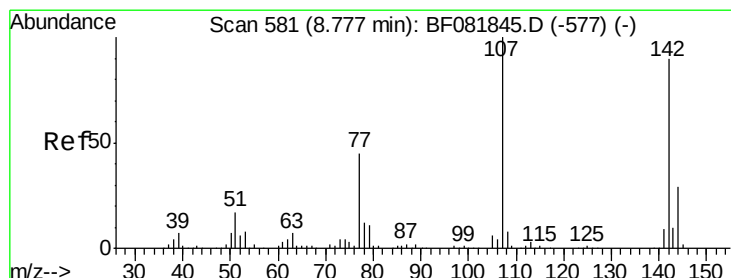
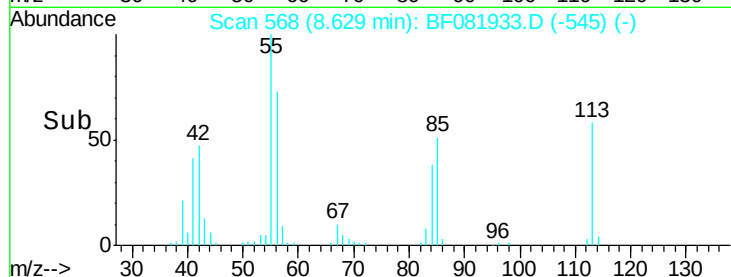
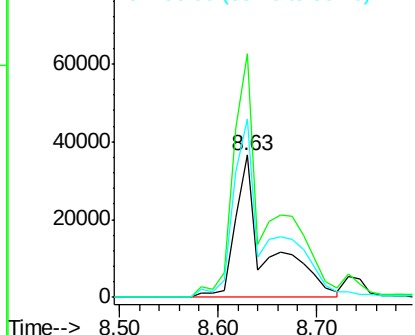
Tgt Ion:113 Resp: 82034
 Ion Ratio Lower Upper
 113 100
 55 171.4 152.4 192.4
 56 125.9 104.6 144.6

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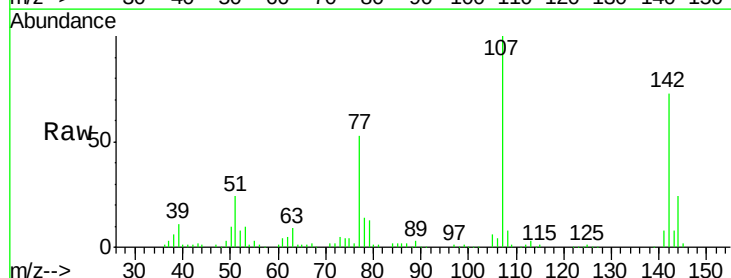


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

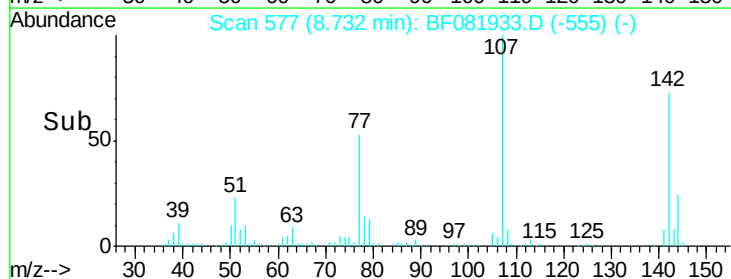
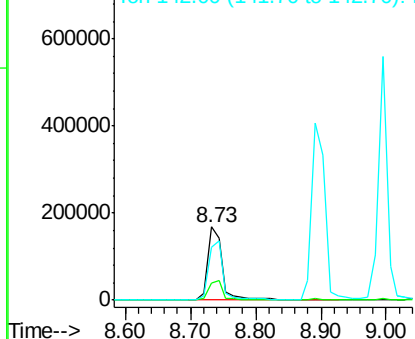


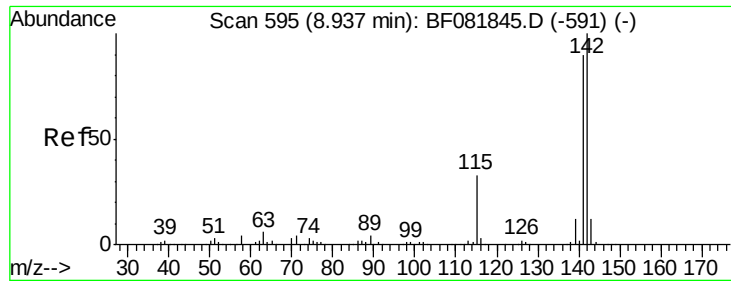
#36
 4-Chloro-3-methylphenol
 Concen: 41.11 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion:107 Resp: 263567
 Ion Ratio Lower Upper
 107 100
 144 23.8 25.4 38.0#
 142 73.1 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





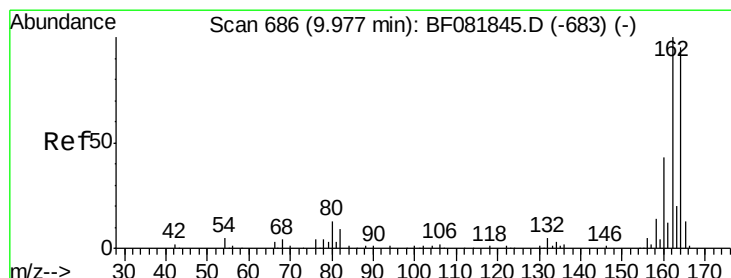
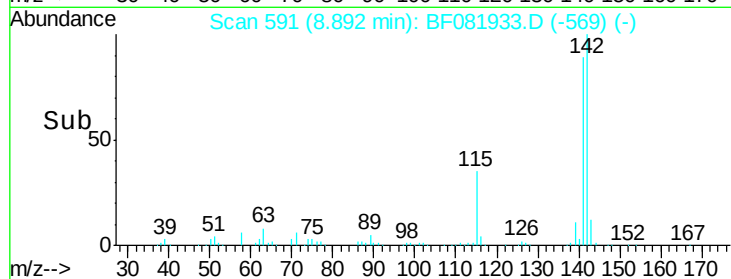
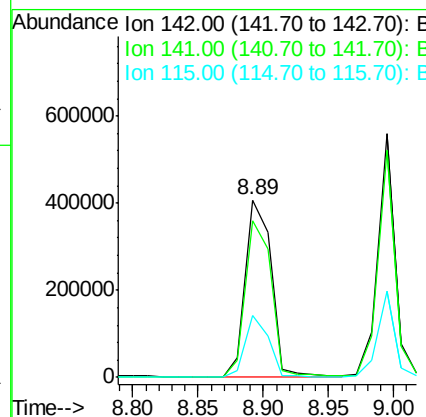
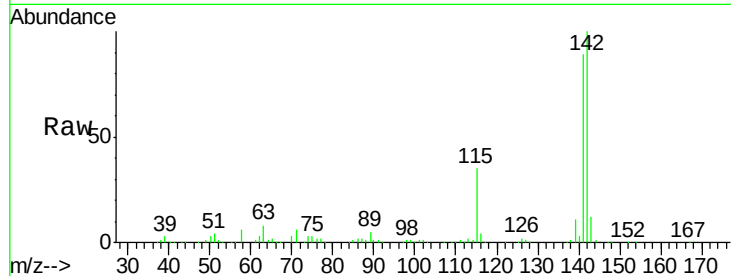
#37
 2-Methylnaphthalene
 Concen: 38.09 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	566352		
141	88.5	67.5	101.3	
115	34.7	18.2	27.2	

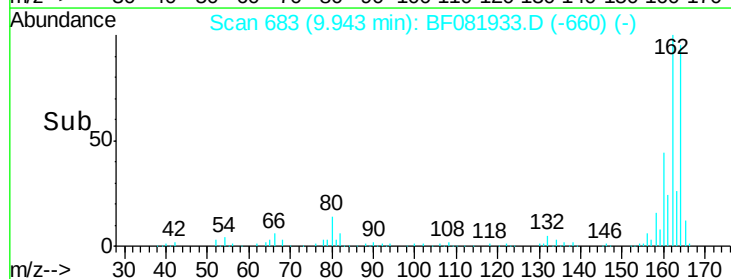
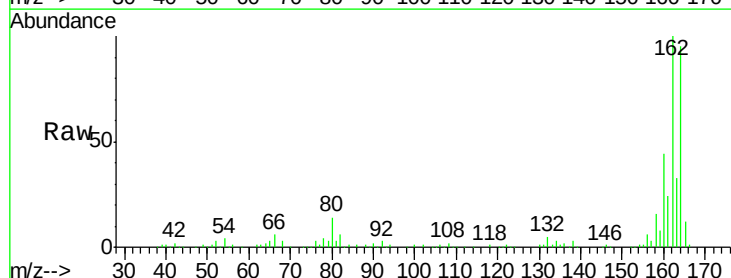
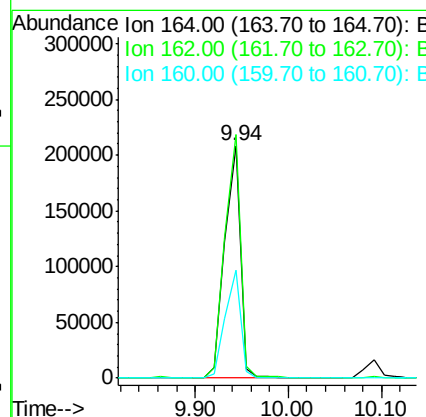
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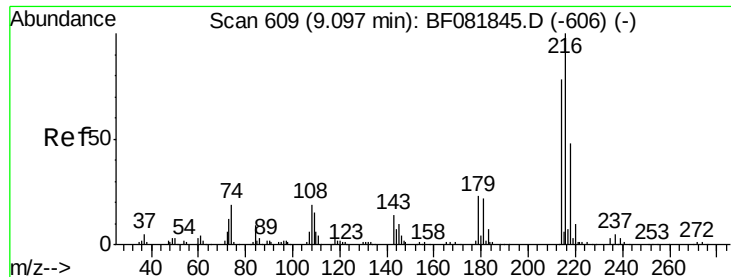
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	243300		
162	104.9	75.2	112.8	
160	46.5	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.29 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081933.D

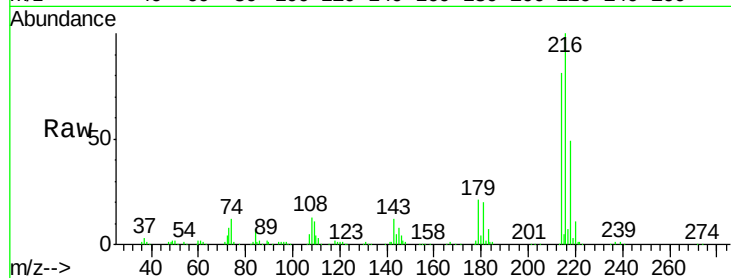
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

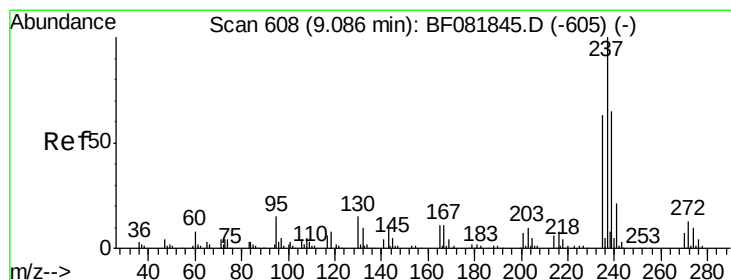
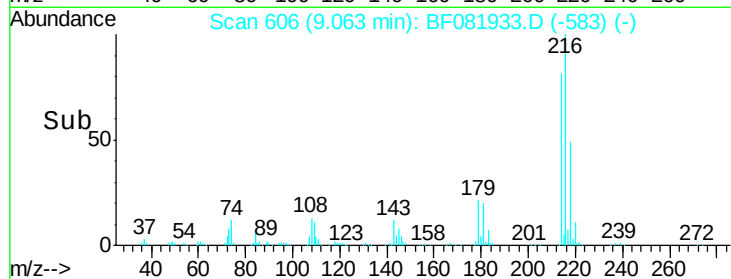
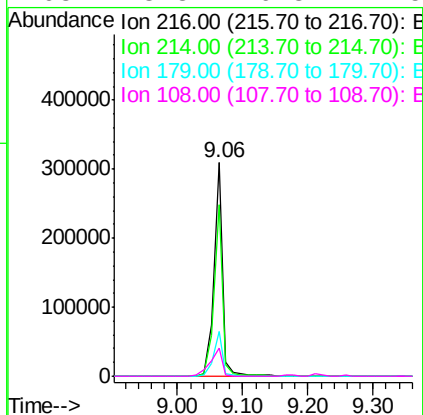
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	21.5	16.6	24.8
108	18.3	16.3	24.5

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#40

Hexachlorocyclopentadiene

Concen: 88.17 ng

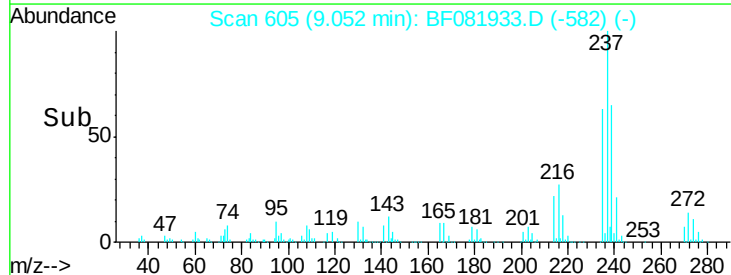
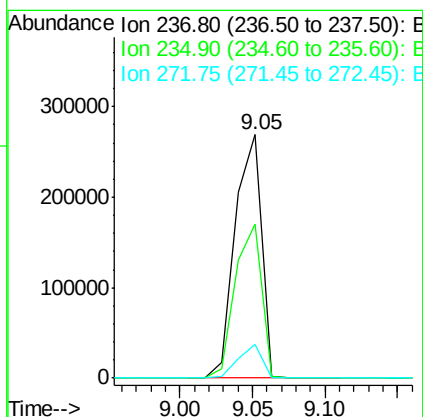
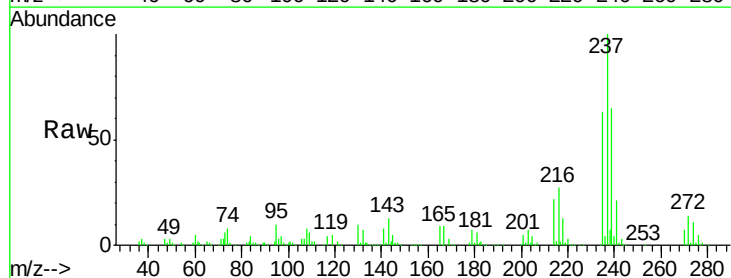
RT: 9.05 min Scan# 605

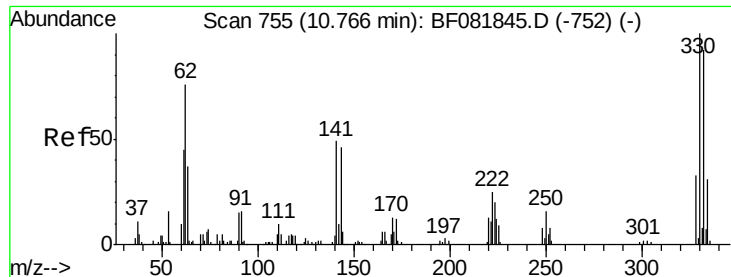
Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	13.6	0.0	36.1





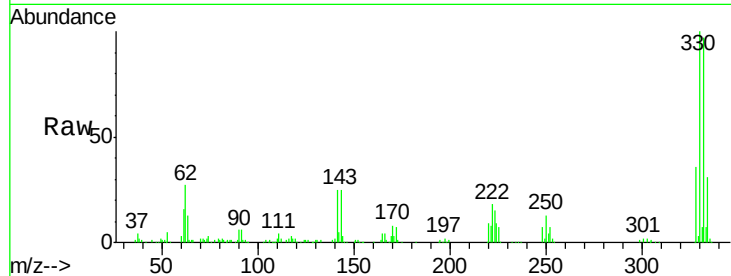
#41
 2,4,6-Tribromophenol
 Concen: 115.47 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

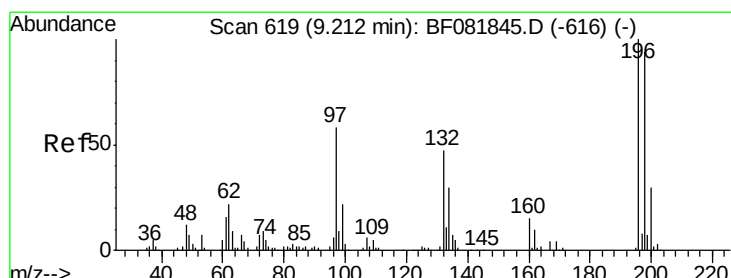
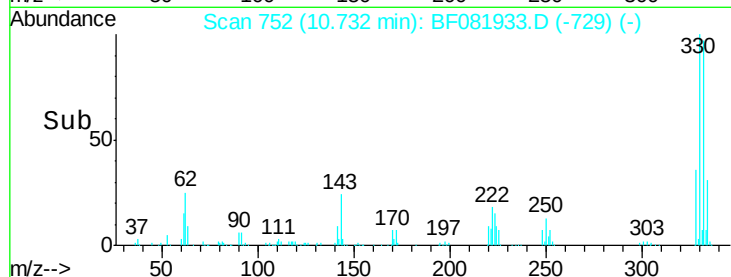
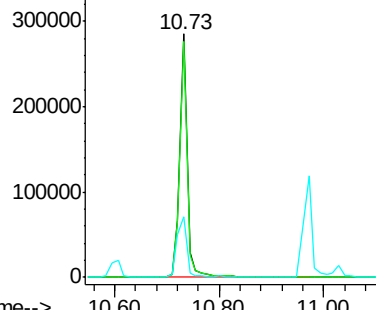
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	284516		
332	96.4	76.6	114.8	
141	32.6	29.7	44.5	

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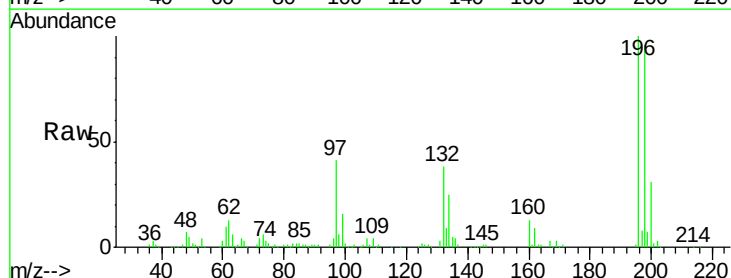


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

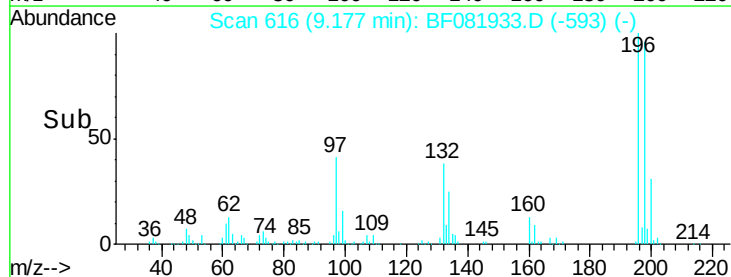
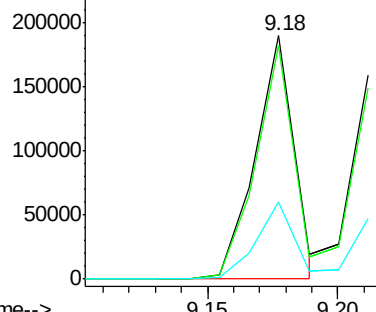


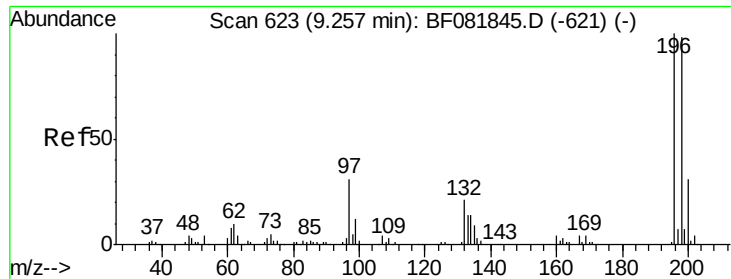
#42
 2,4,6-Trichlorophenol
 Concen: 38.02 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194688		
198	95.7	75.7	113.5	
200	31.5	23.9	35.9	



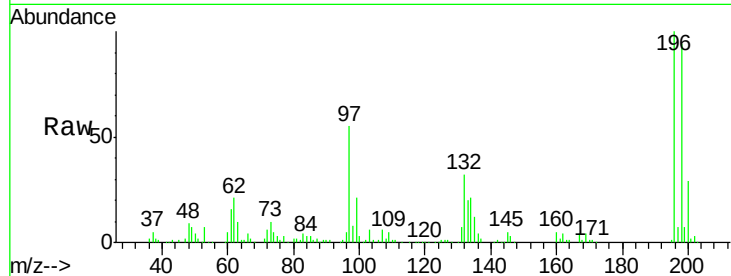
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.12 ng m
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

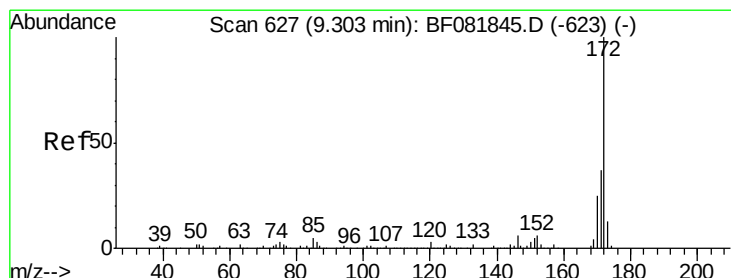
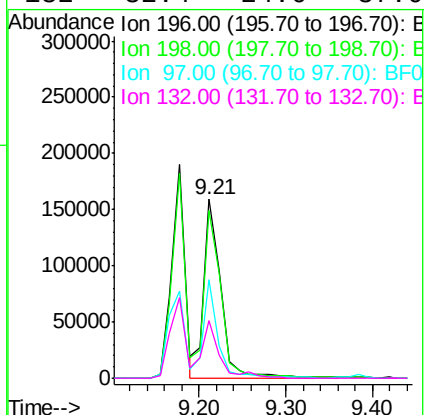
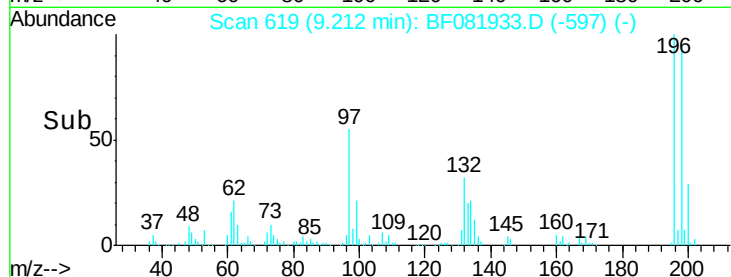
Instrument :
 BNA_F
 ClientSampled :
 PB85818BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221814		
198	93.9	75.4	113.0	
97	55.3	33.3	49.9	
132	32.4	24.6	37.0	

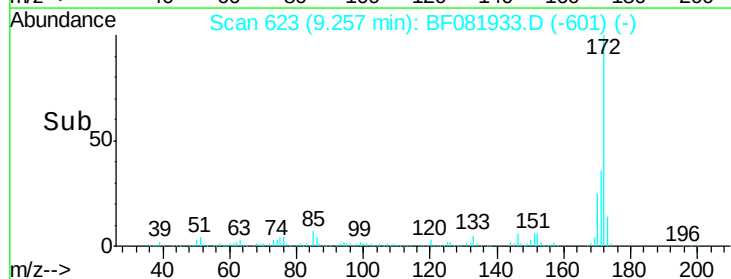
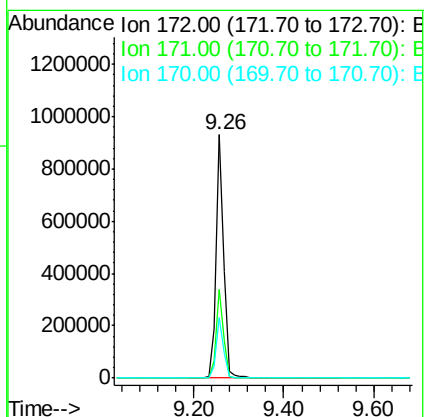
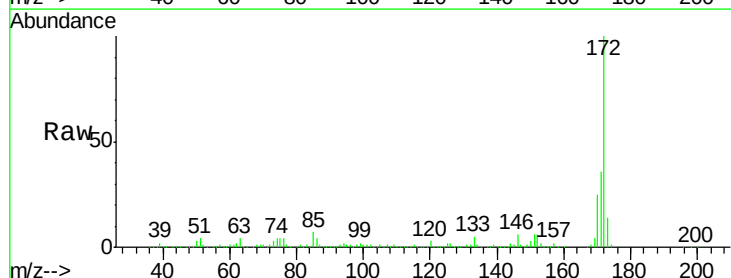
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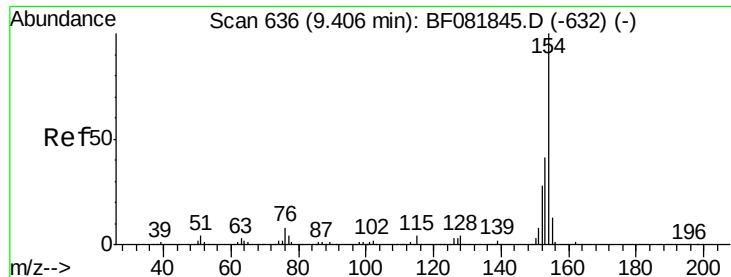
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#44
 2-Fluorobiphenyl
 Concen: 73.61 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1098497		
171	36.3	26.1	39.1	
170	24.7	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 38.14 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

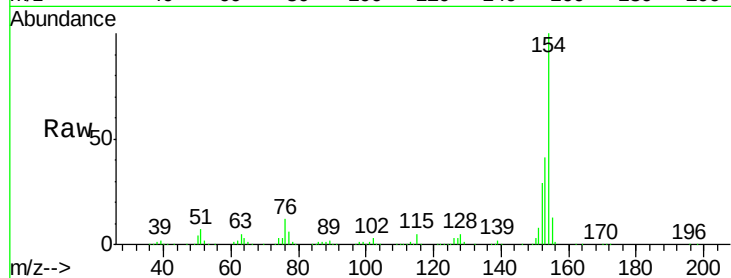
ClientSampleId :

PB85818BS

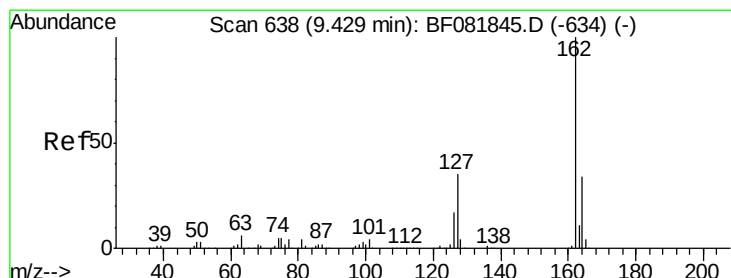
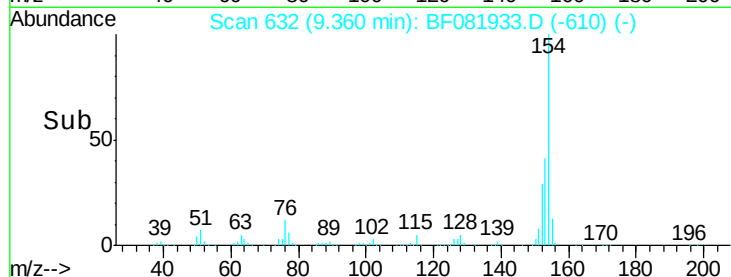
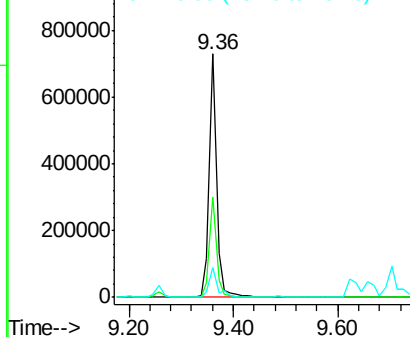
Tgt Ion:	154	Resp:	715816
Ion Ratio	Lower	Upper	
154	100		
153	41.1	17.1	57.1
76	12.5	0.0	31.6

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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: 37.23 ng

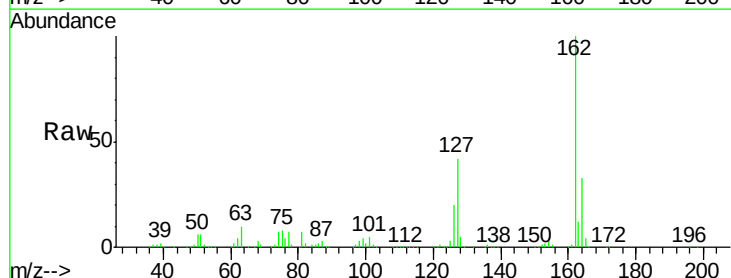
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

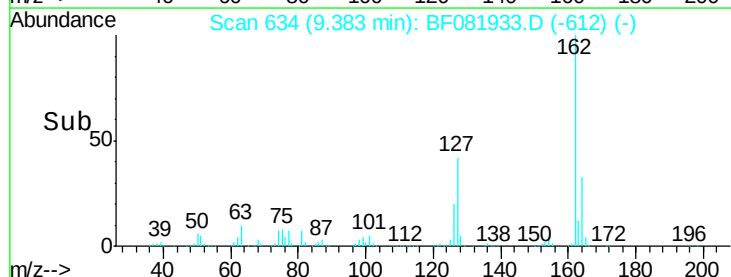
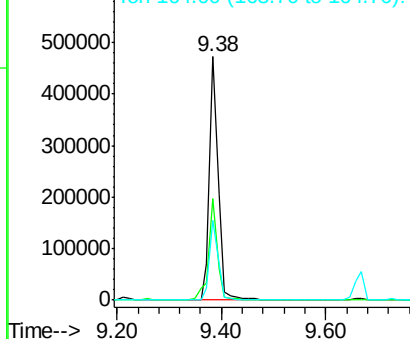
Lab File: BF081933.D

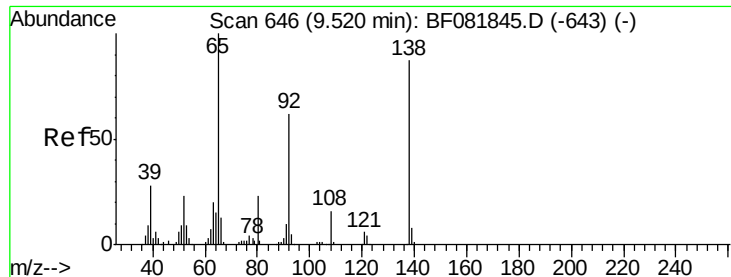
Acq: 1 Oct 2015 12:07

Tgt Ion:	162	Resp:	548686
Ion Ratio	Lower	Upper	
162	100		
127	41.8	27.6	41.4#
164	32.9	25.4	38.2



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





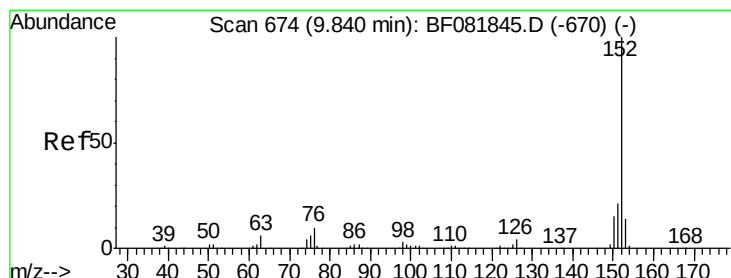
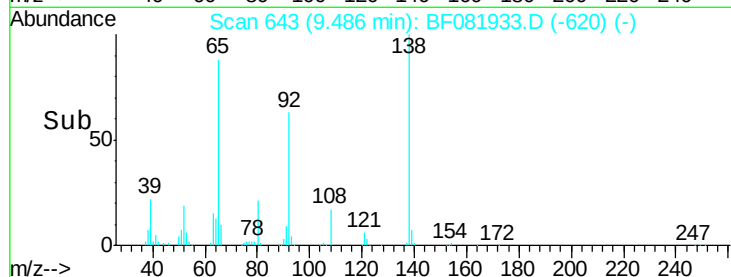
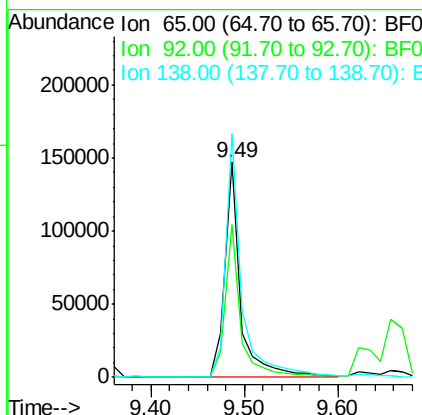
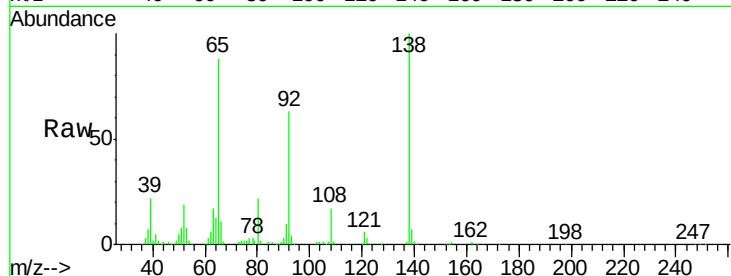
#47
2-Nitroaniline
Concen: 39.95 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	55.4	83.0
138	113.0	115.5	173.3#

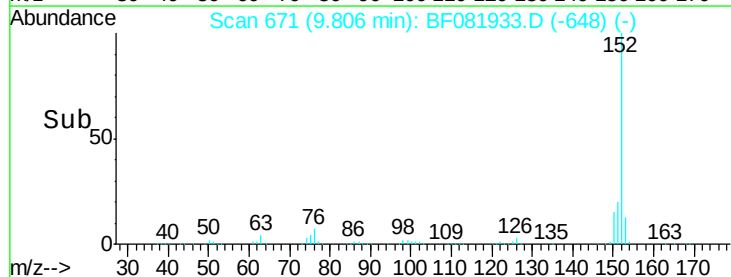
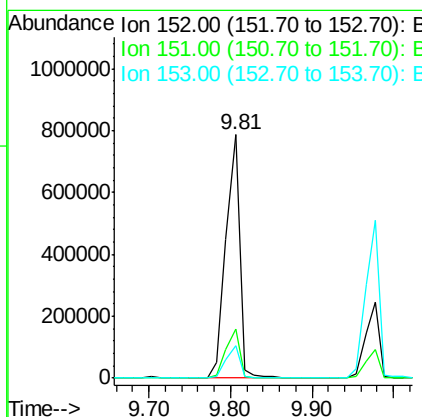
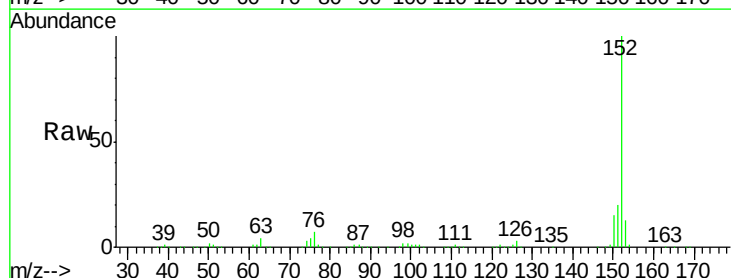
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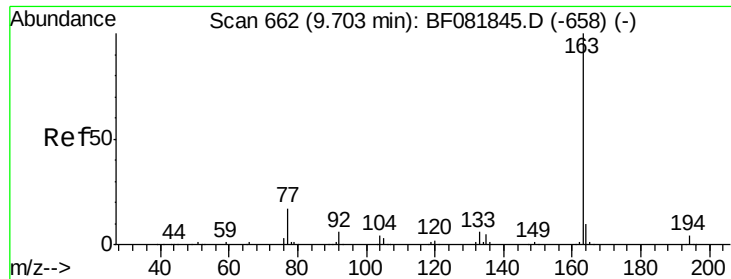
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#48
Acenaphthylene
Concen: 39.07 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.1	10.3	15.5





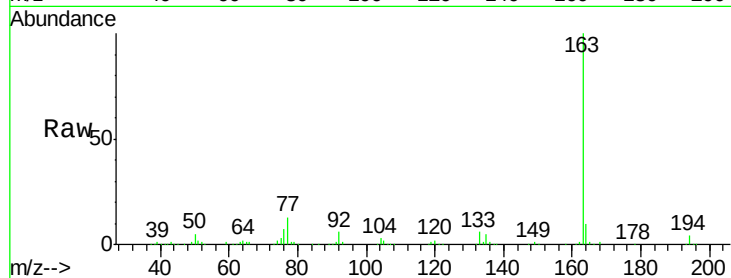
#49
Dimethylphthalate
Concen: 41.21 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

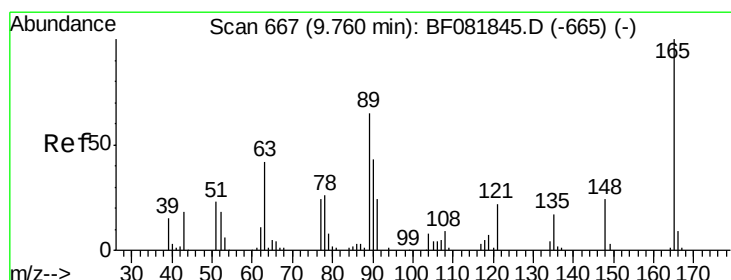
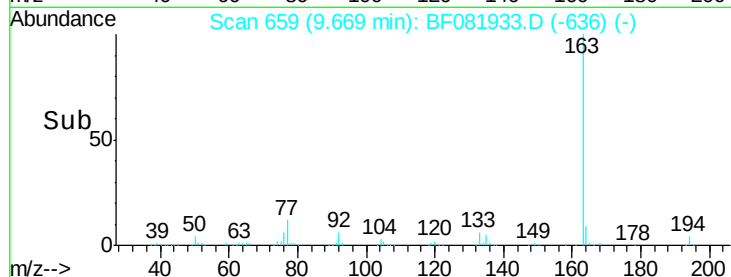
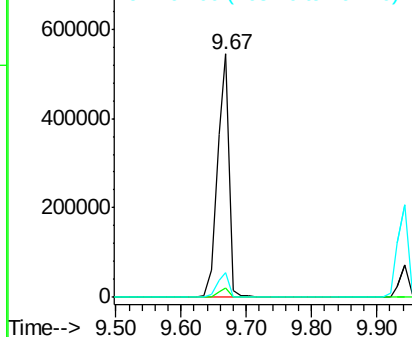
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	692111		
194	4.0		4.4	6.6#
164	10.1		8.3	12.5

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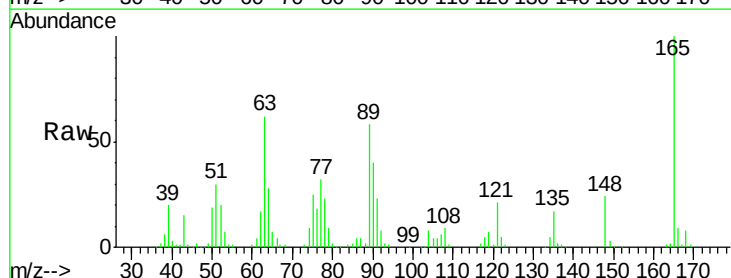


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

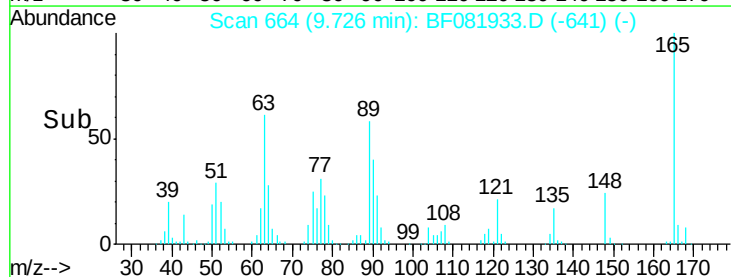
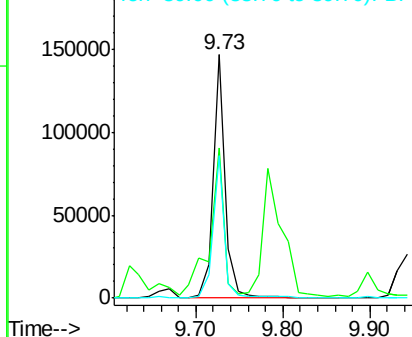


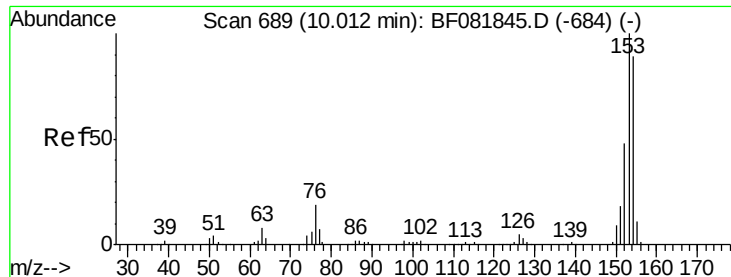
#50
2,6-Dinitrotoluene
Concen: 39.34 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143447		
63	61.8		32.3	48.5#
89	58.4		28.6	43.0#



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





#51

Acenaphthene

Concen: 44.28 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

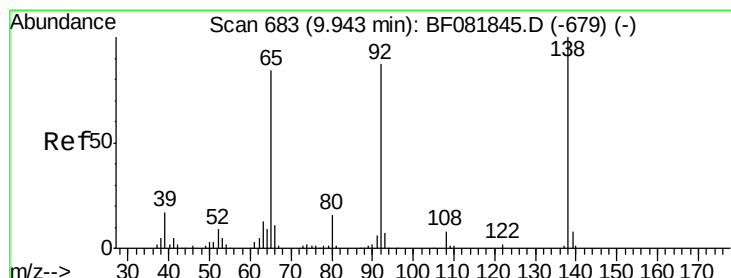
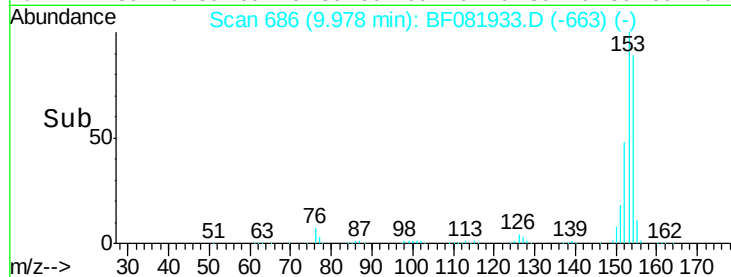
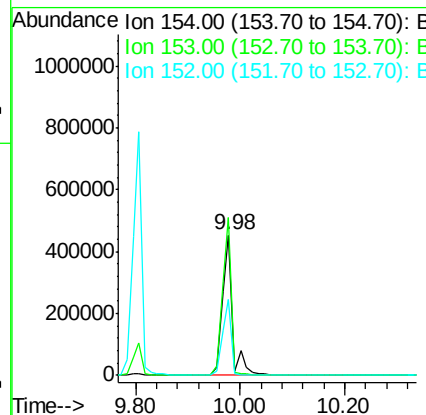
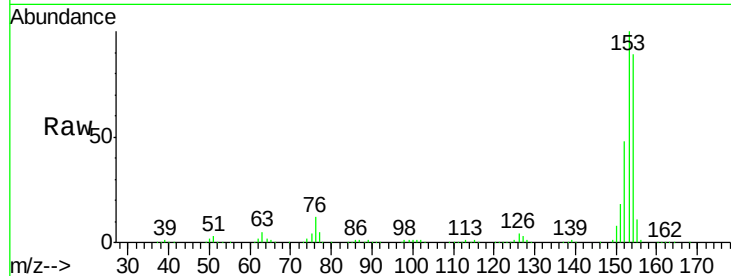
ClientSampleId :

PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	620263		
153	112.5	82.1	123.1	
152	54.1	37.9	56.9	

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#52

3-Nitroaniline

Concen: 25.64 ng

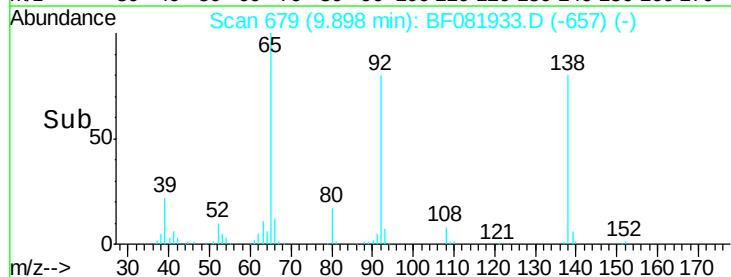
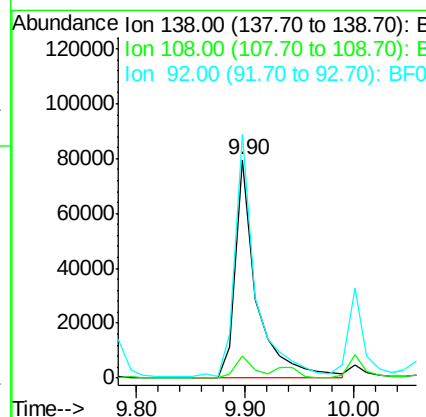
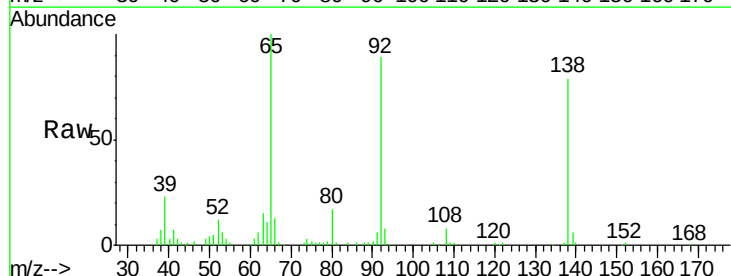
RT: 9.90 min Scan# 679

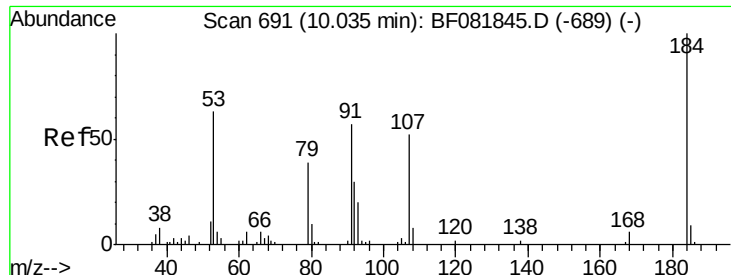
Delta R.T. -0.05 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108148		
108	10.2	5.7	8.5#	
92	111.7	67.7	101.5#	





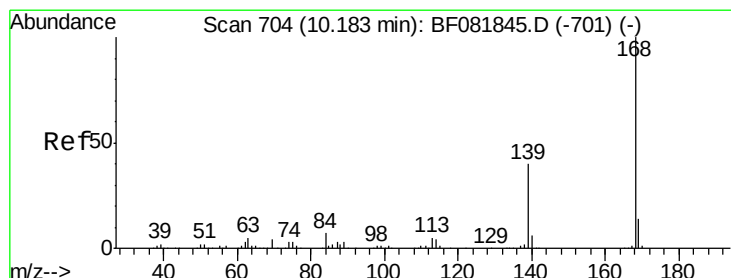
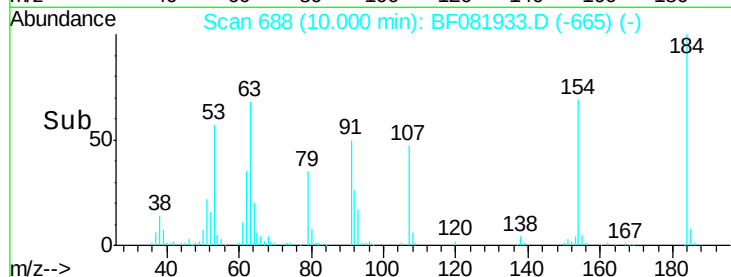
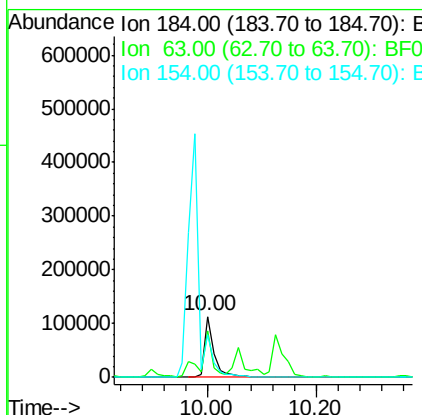
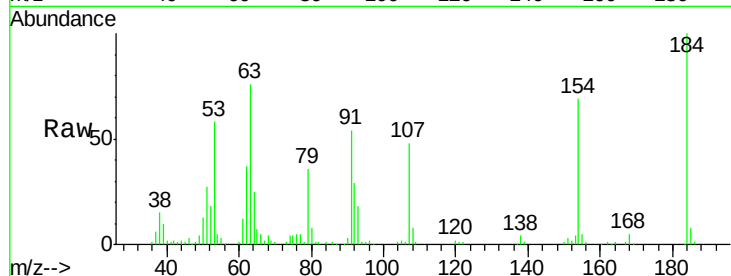
#53
 2,4-Dinitrophenol
 Concen: 78.65 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	138063		
63	75.9	35.4	53.2#	
154	68.9	32.2	48.4#	

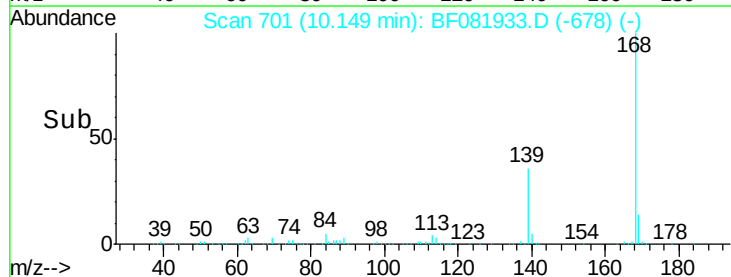
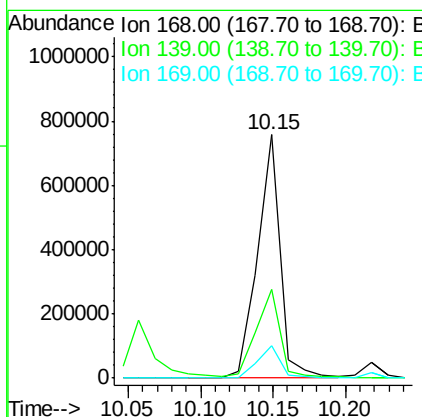
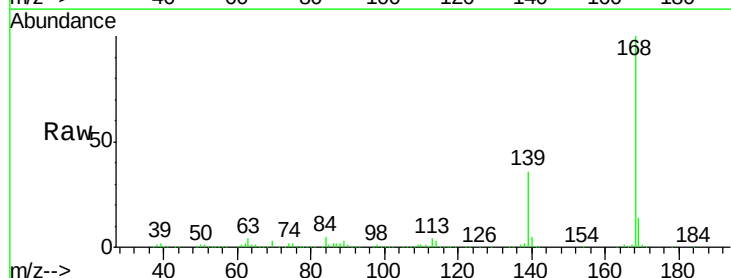
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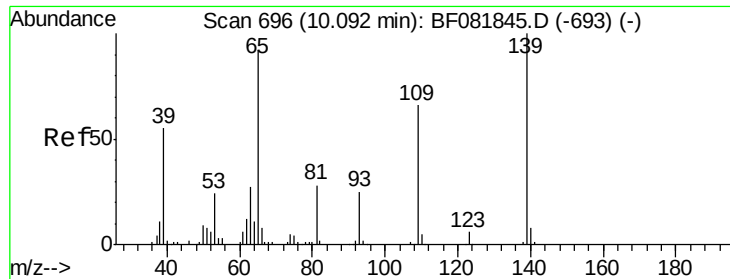
apatel
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#54
 Dibenzofuran
 Concen: 41.37 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	818902		
139	36.4	24.2	36.2#	
169	13.6	10.6	15.8	





#55

4-Nitrophenol

Concen: 75.36 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081933.D

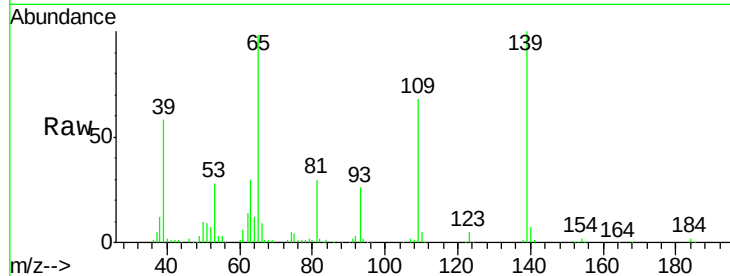
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

PB85818BS



Tgt Ion:139 Resp: 229701

Ion Ratio Lower Upper

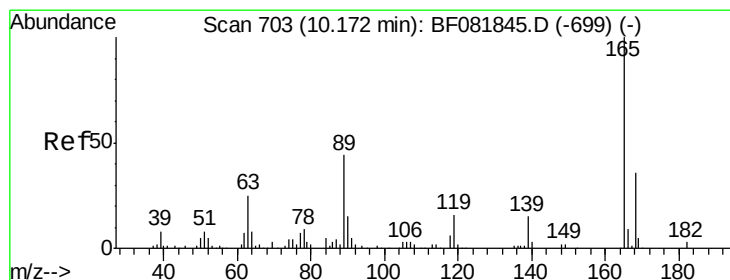
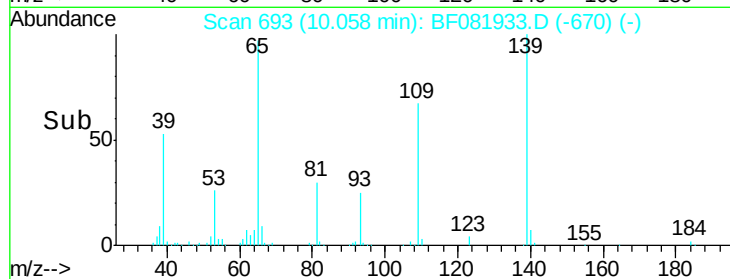
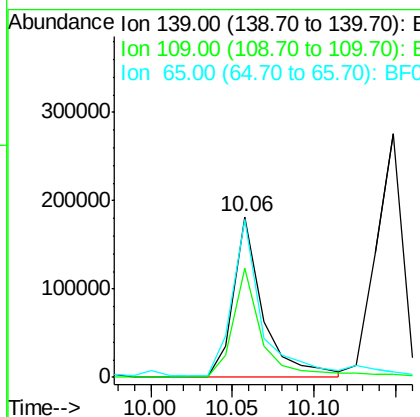
139 100

109 67.7 12.7 52.7#

65 97.9 45.9 85.9#

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#56

2,4-Dinitrotoluene

Concen: 41.21 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion:165 Resp: 191564

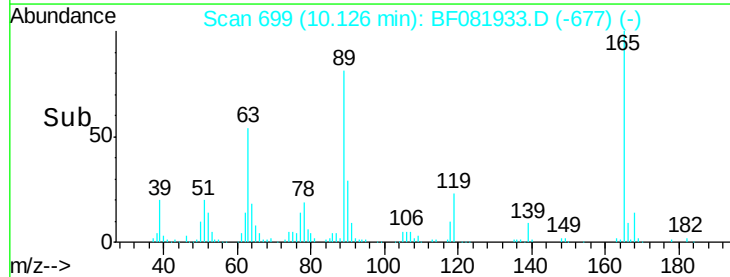
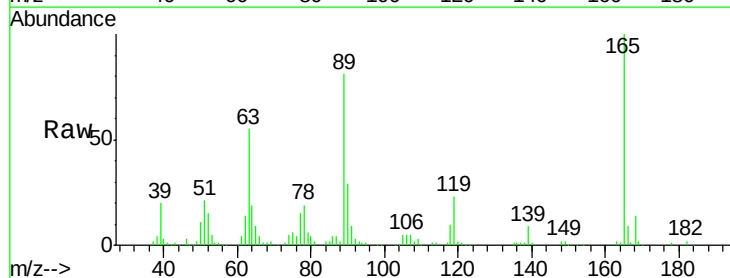
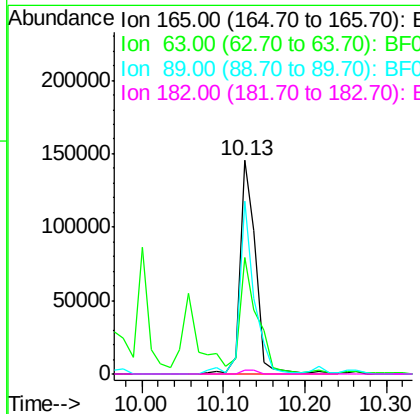
Ion Ratio Lower Upper

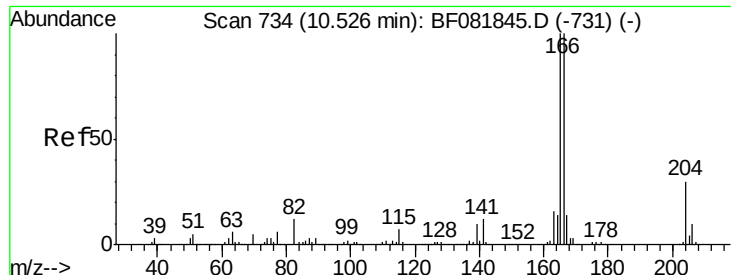
165 100

63 54.7 29.8 44.6#

89 81.0 44.5 66.7#

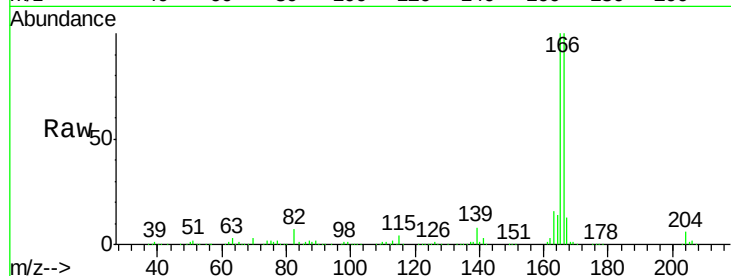
182 2.0 3.0 4.4#





#57
 Fluorene
 Concen: 44.80 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

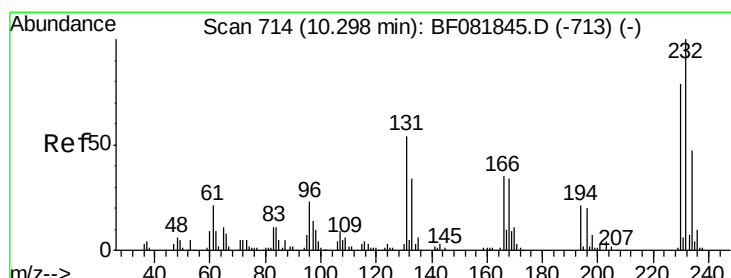
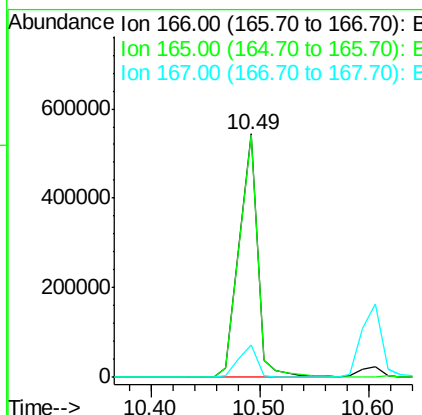
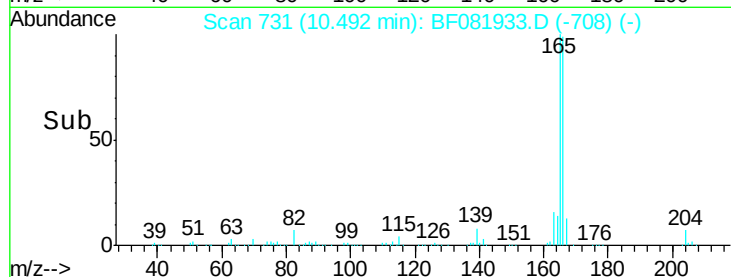
Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS



Tgt Ion:166 Resp: 634493
 Ion Ratio Lower Upper
 166 100
 165 99.7 72.6 109.0
 167 13.4 10.6 16.0

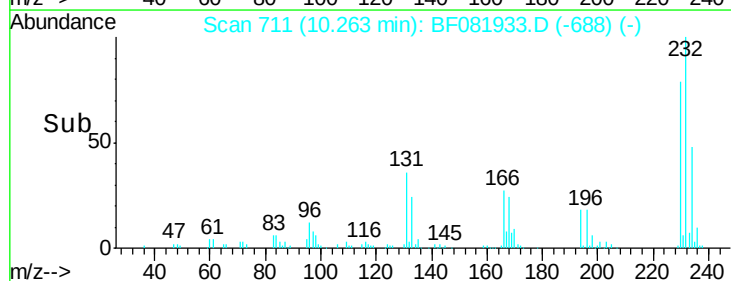
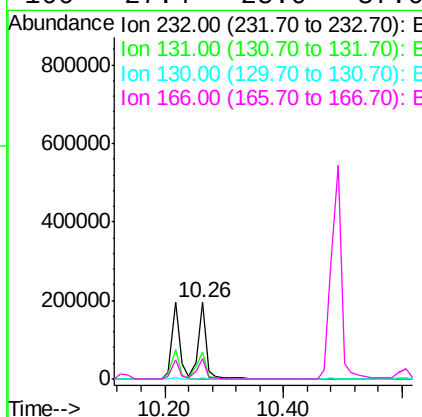
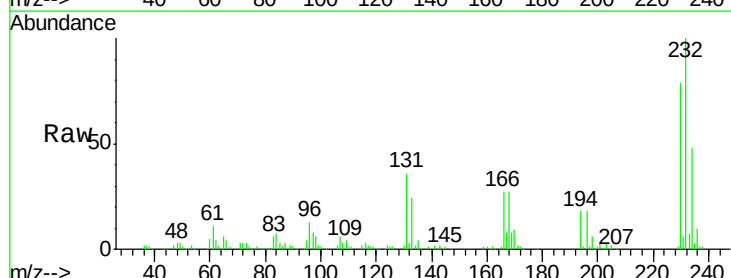
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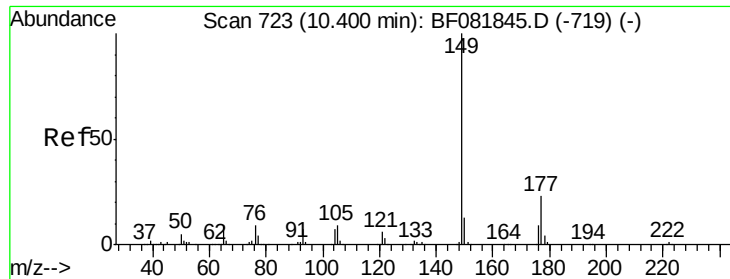
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.59 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion:232 Resp: 194622
 Ion Ratio Lower Upper
 232 100
 131 40.4 38.5 57.7
 130 1.8 1.8 2.6
 166 27.4 25.0 37.6





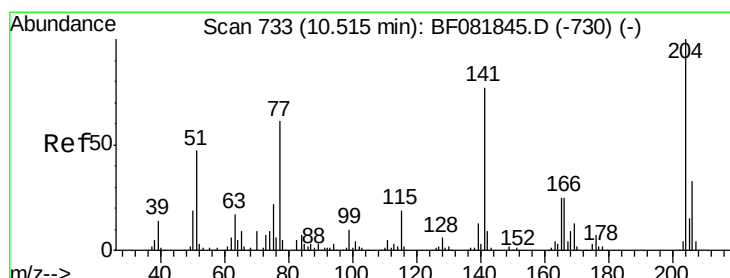
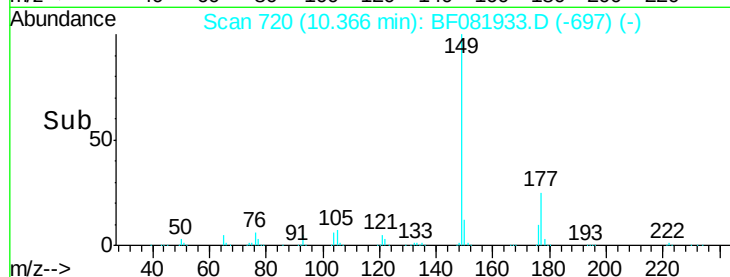
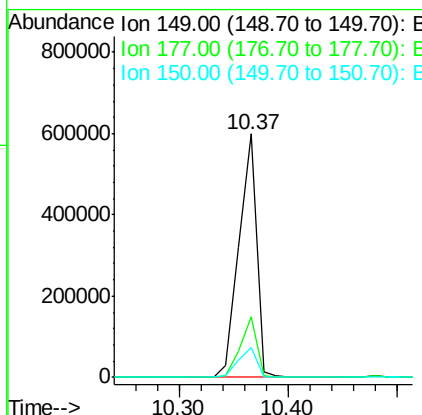
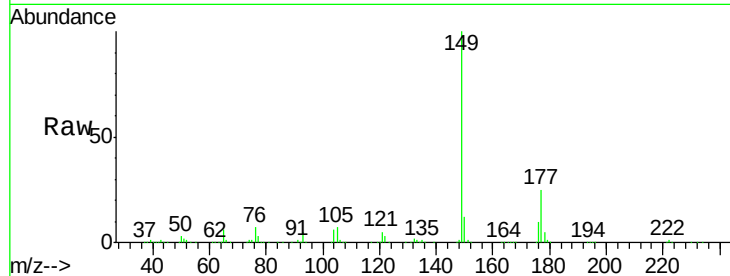
#59
Diethylphthalate
Concen: 42.46 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	666017		
177	24.9	17.5	26.3	
150	12.5	9.4	14.2	

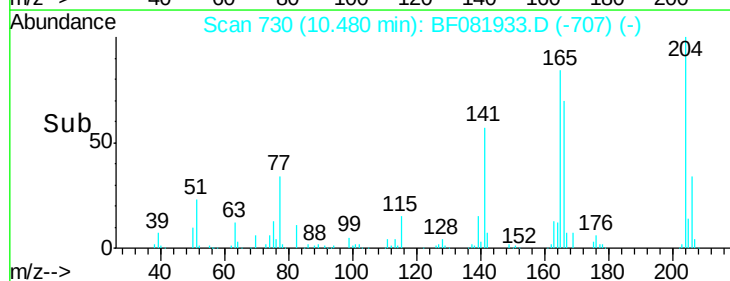
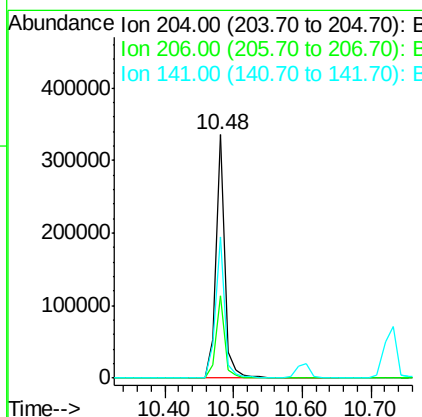
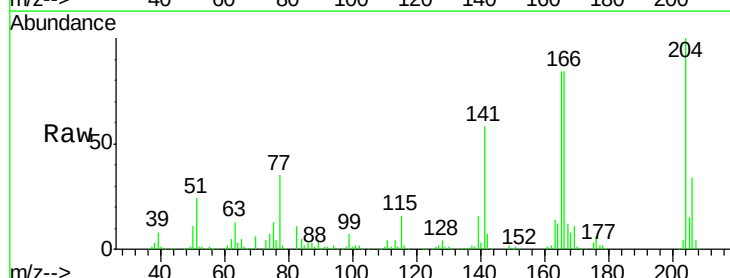
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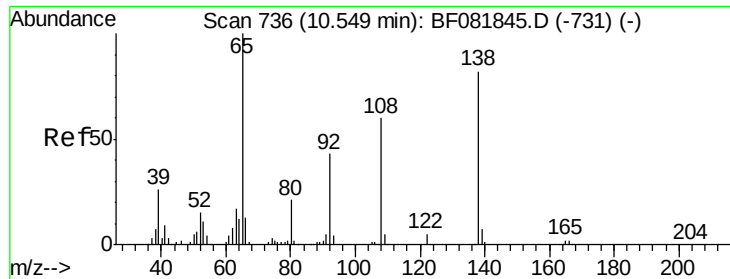
apatel
10/2/2015 9:01:06 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.53 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	308231		
206	33.7	24.8	37.2	
141	57.8	42.2	63.4	





#61

4-Nitroaniline

Concen: 38.37 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081933.D

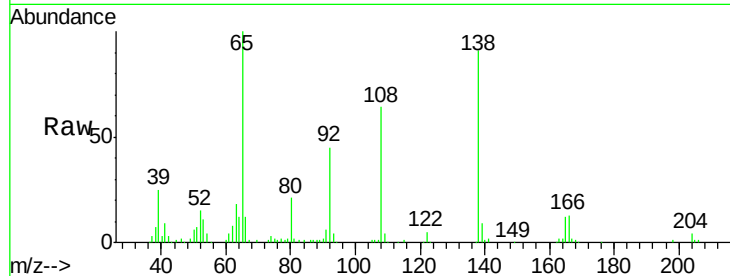
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampled :

PB85818BS



Tgt Ion: 138 Resp: 162289

Ion Ratio Lower Upper

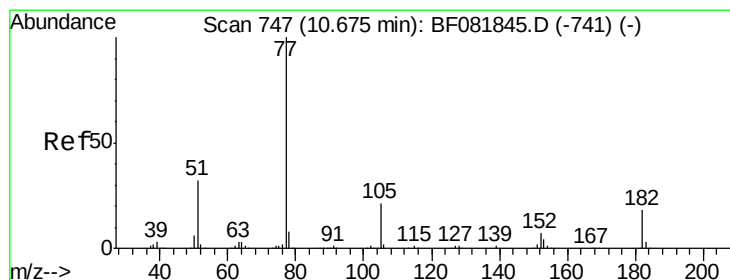
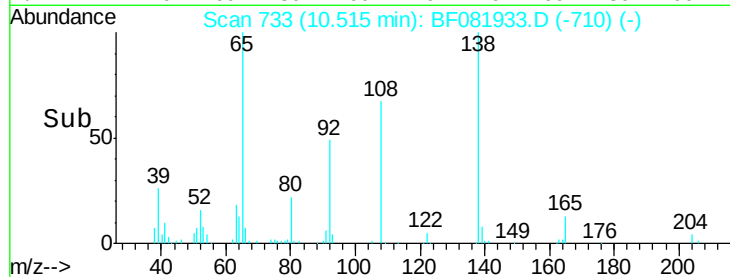
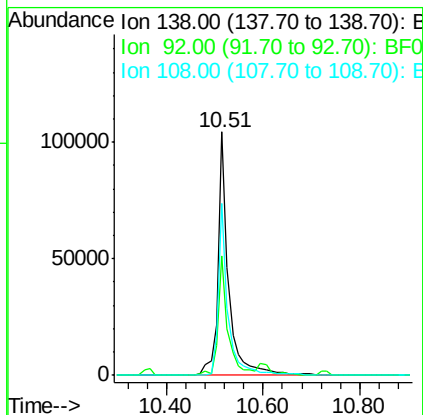
138 100

92 49.3 12.6 52.6

108 70.4 12.4 52.4#

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apatel
10/2/2015 9:01:06 AM



#62

Azobenzene

Concen: 43.17 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion: 77 Resp: 660926

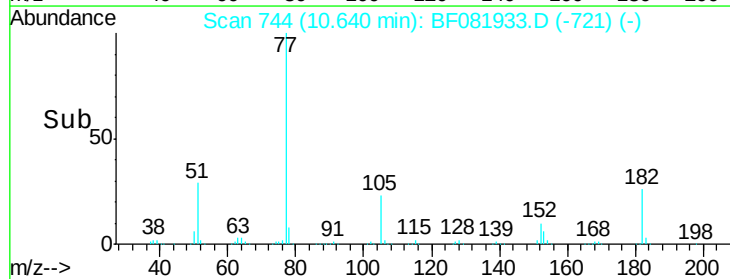
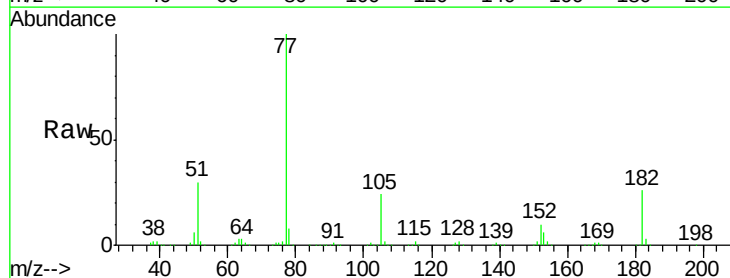
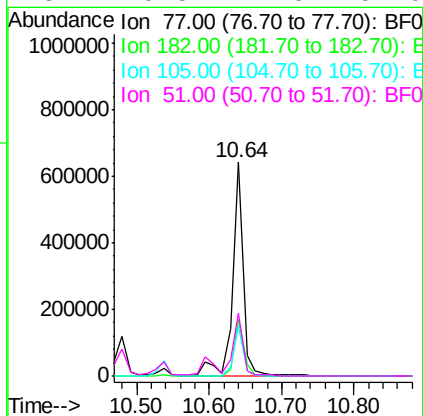
Ion Ratio Lower Upper

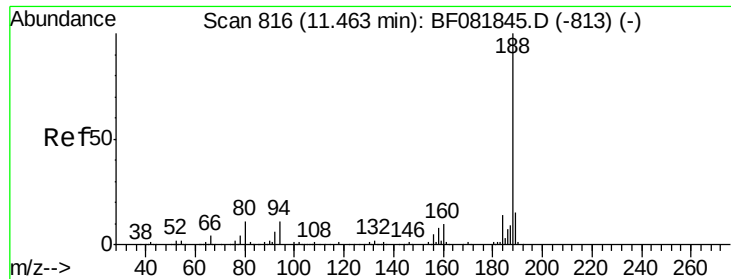
77 100

182 26.2 15.1 55.1

105 23.6 3.4 43.4

51 29.5 12.0 52.0





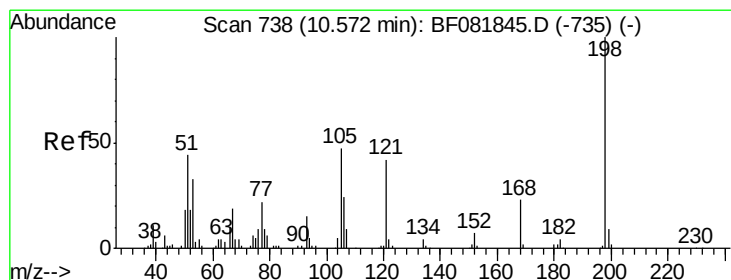
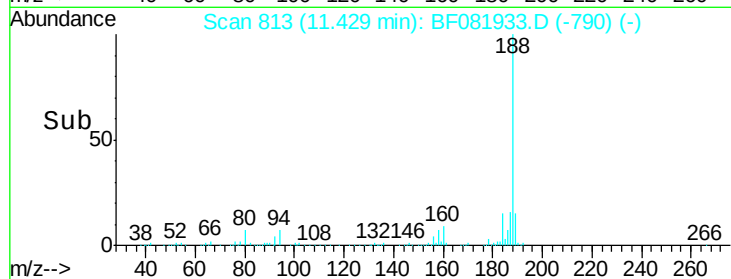
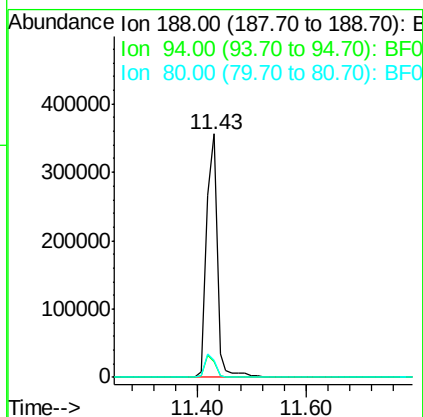
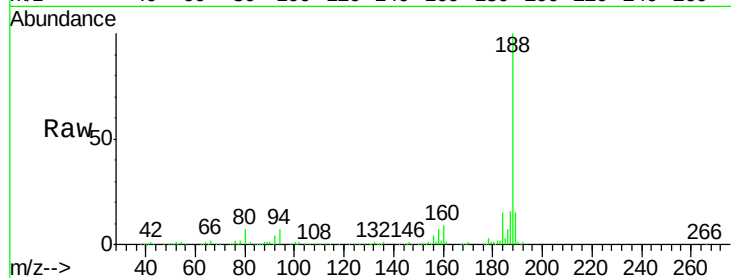
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	11.1	16.7#
80	6.9	11.0	16.4#

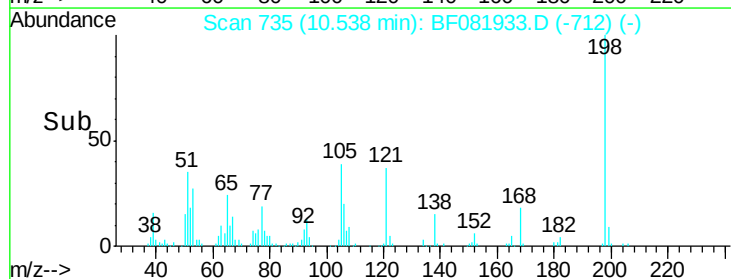
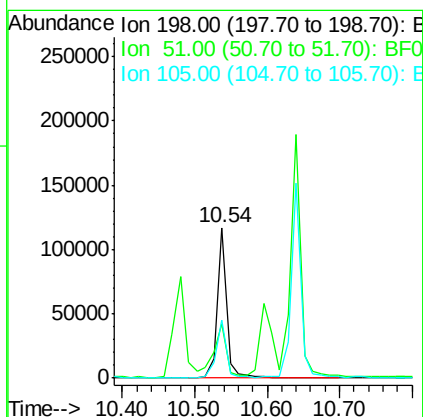
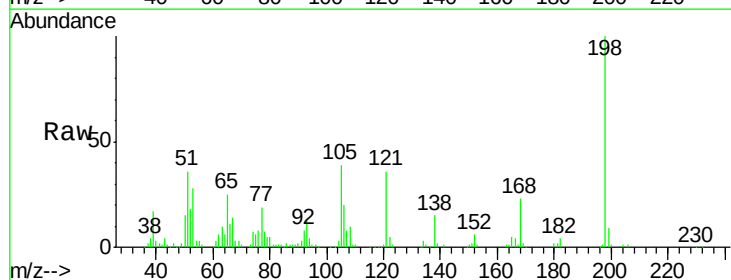
Manual Integrations
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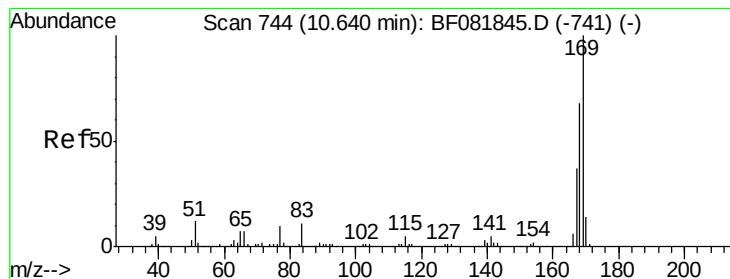
apatel
10/2/2015 9:01:06 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.52 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

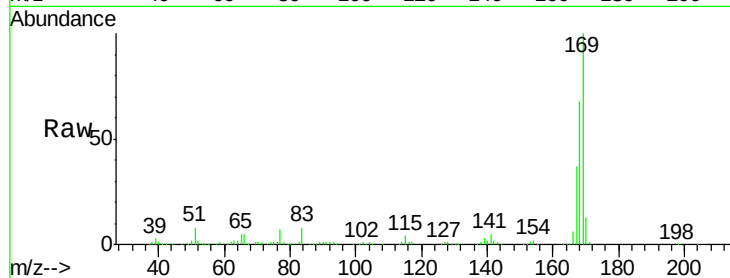
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	35.9	39.6	79.6#
105	38.7	28.5	68.5





#65
n-Nitrosodiphenylamine
Concen: 38.93 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

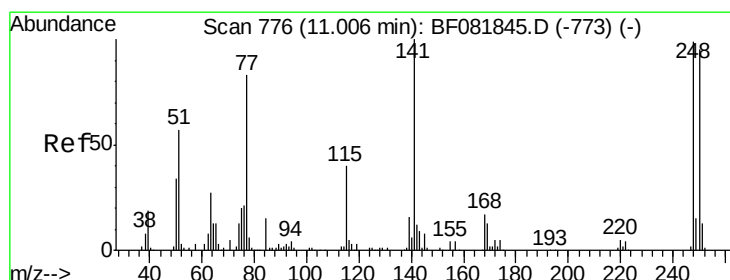
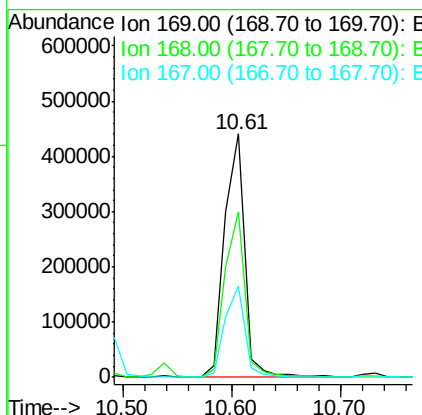
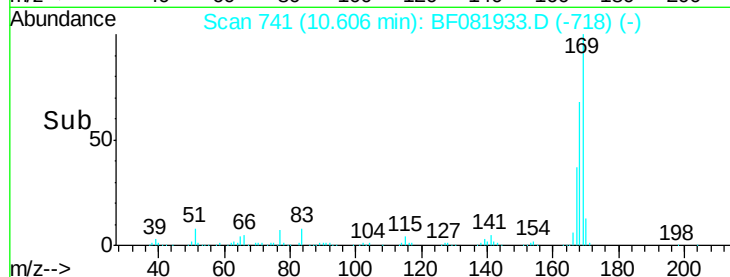
Instrument :
BNA_F
ClientSampleId :
PB85818BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	569345		
168	67.7	48.9	73.3	
167	37.4	26.2	39.4	

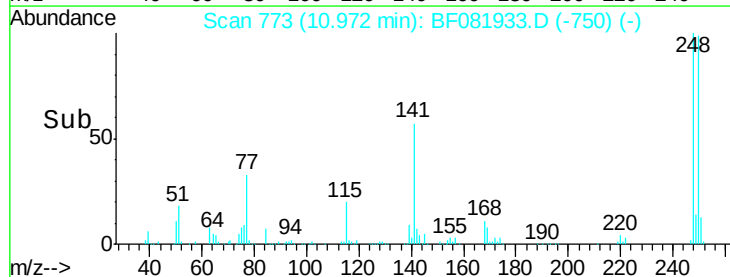
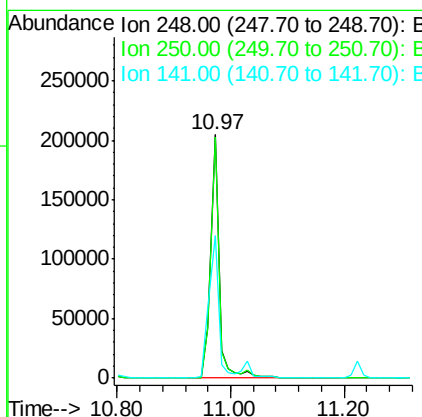
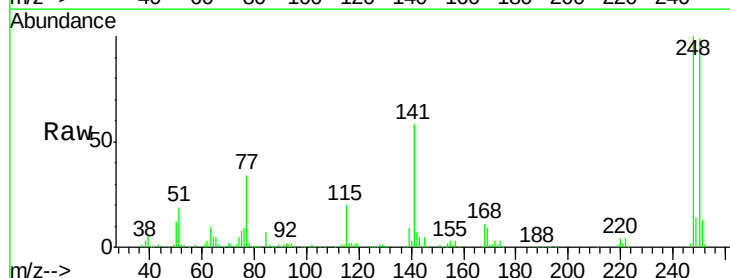
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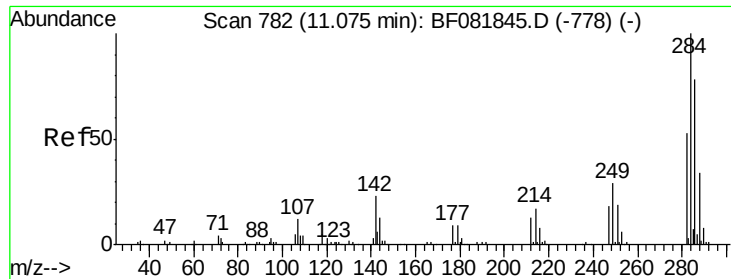
apatel
10/2/2015 9:01:06 AM



#66
4-Bromophenyl-phenylether
Concen: 42.60 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207667		
250	99.1	78.5	117.7	
141	58.4	59.0	88.6	





#67

Hexachlorobenzene

Concen: 35.17 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081933.D

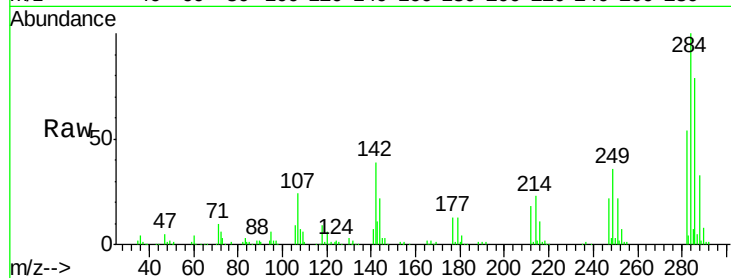
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

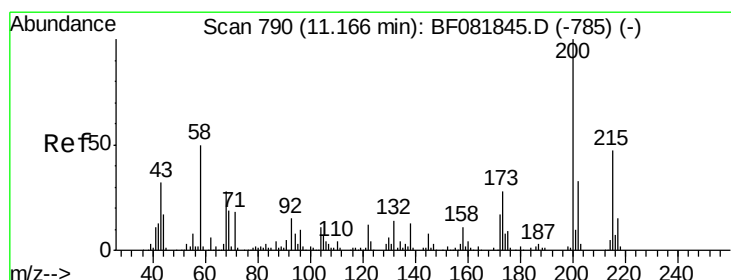
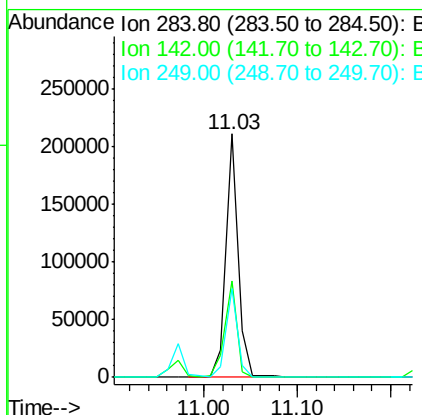
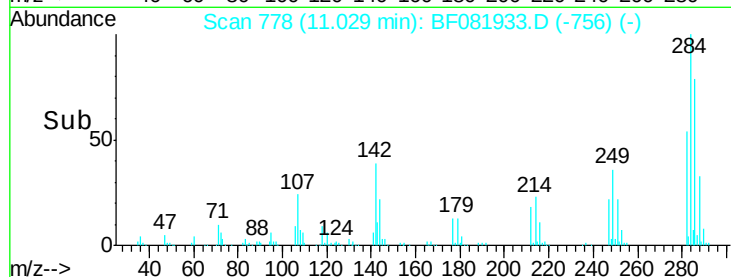
PB85818BS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	193481		
142	39.4	29.5	44.3	
249	36.2	19.5	29.3	

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#68

Atrazine

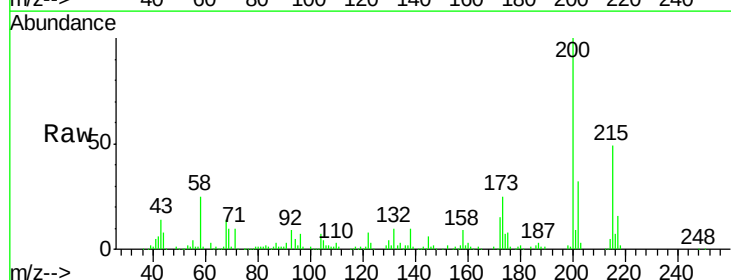
Concen: 44.02 ng

RT: 11.13 min Scan# 787

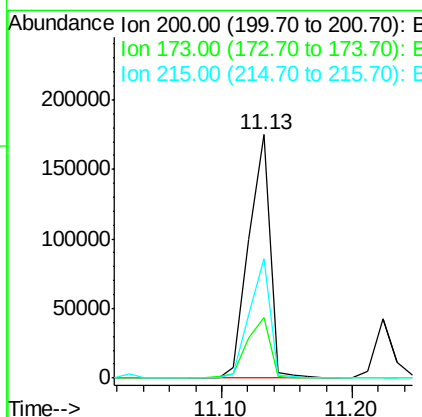
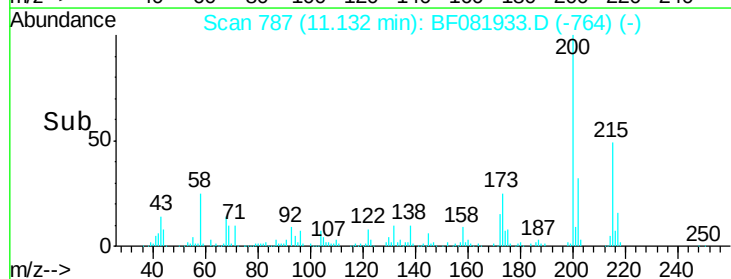
Delta R.T. -0.03 min

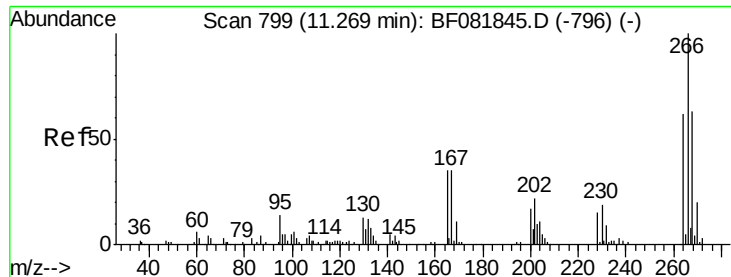
Lab File: BF081933.D

Acq: 1 Oct 2015 12:07



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	199759		
173	24.9	13.2	53.2	
215	49.2	41.8	81.8	





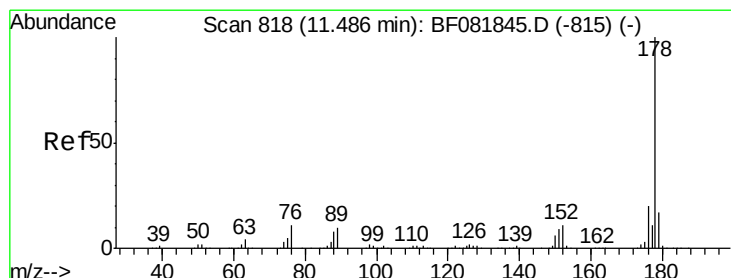
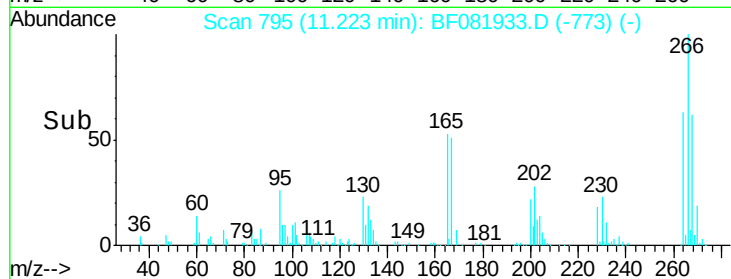
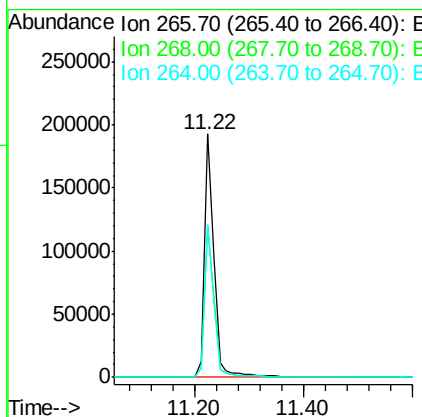
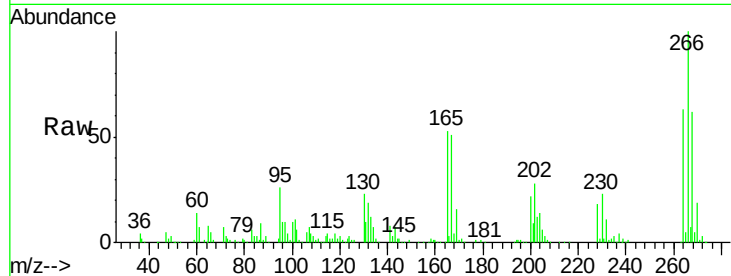
#69
 Pentachlorophenol
 Concen: 73.52 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampled :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	230427		
268	62.3	49.8	74.6	
264	63.0	50.2	75.2	

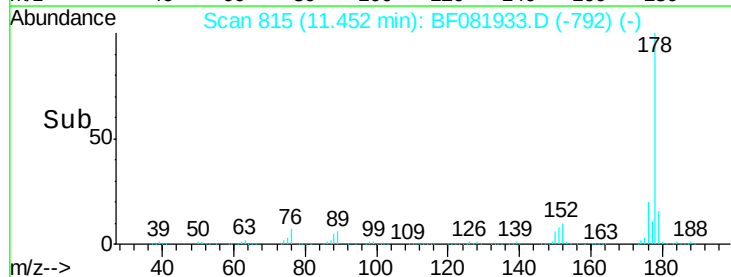
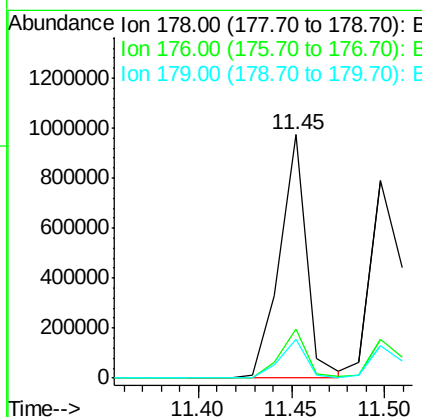
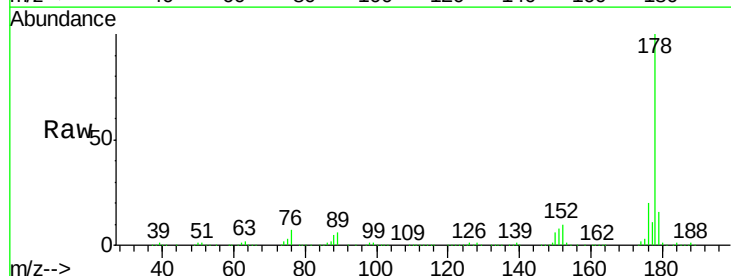
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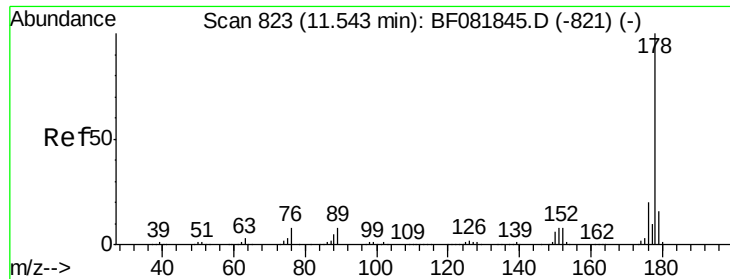
apatel
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#70
 Phenanthrene
 Concen: 41.69 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	972752		
176	20.2	13.8	20.8	
179	16.0	12.2	18.2	





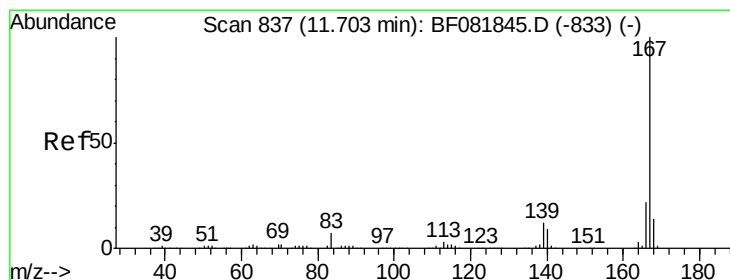
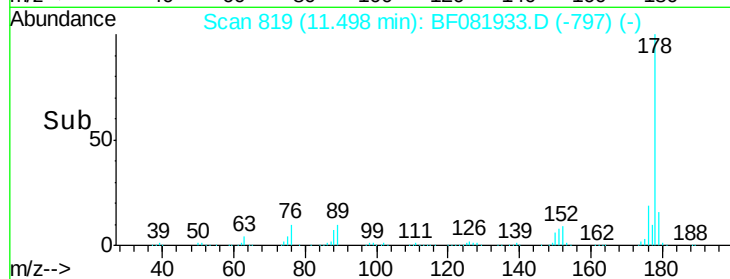
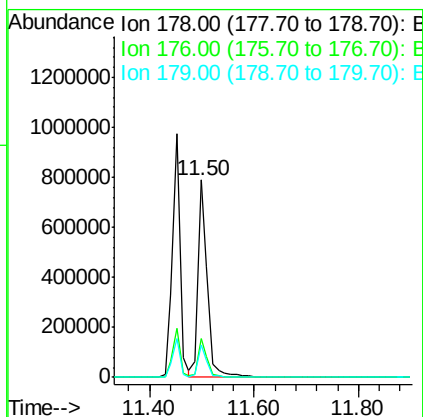
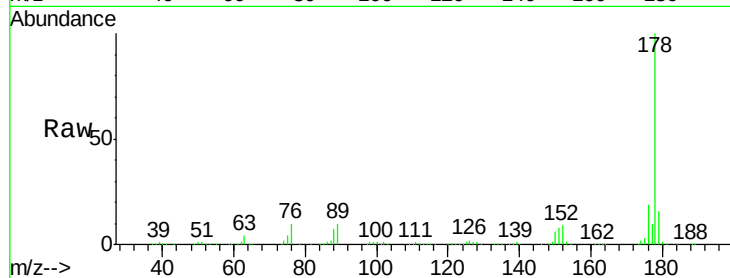
#71
 Anthracene
 Concen: 40.32 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	16.2	12.2	18.2

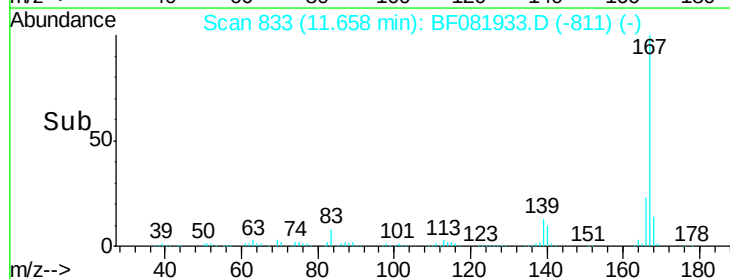
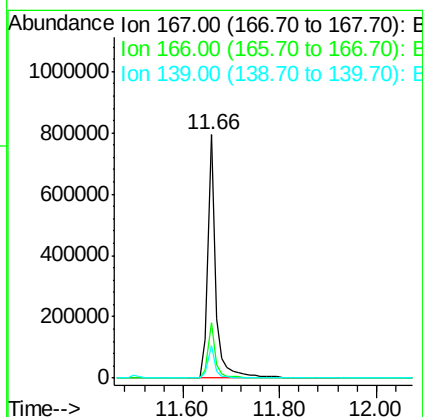
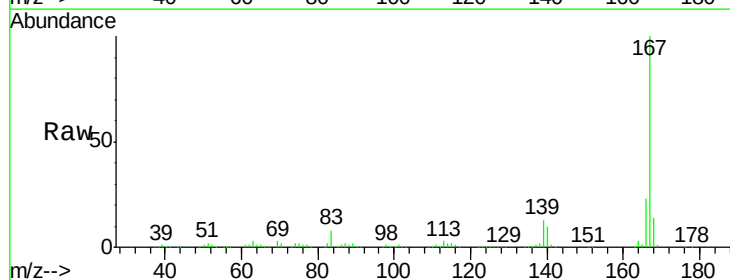
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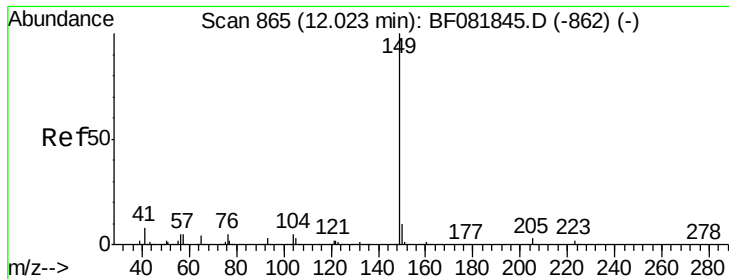
apatel
 10/2/2015 9:01:06 AM



#72
 Carbazole
 Concen: 41.06 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	15.7	23.5
139	13.1	9.5	14.3





#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

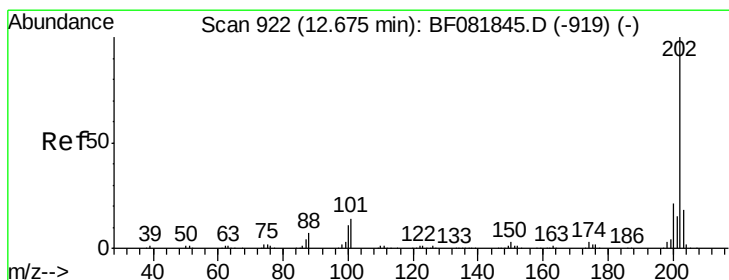
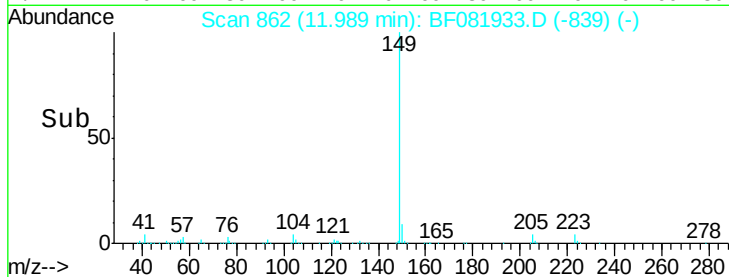
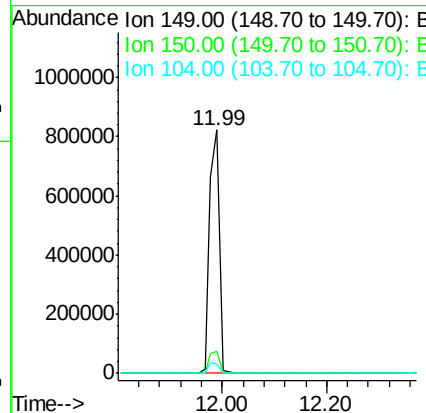
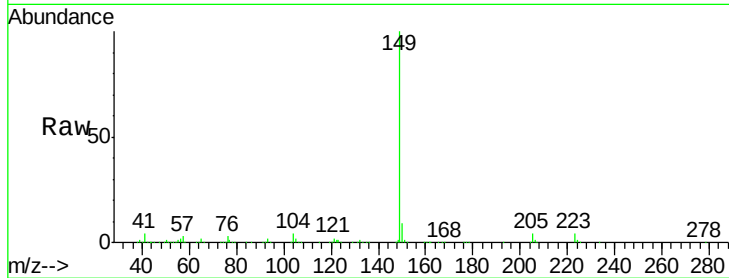
PB85818BS

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	3.6	2.4	3.6



#74

Fluoranthene

Concen: 40.98 ng

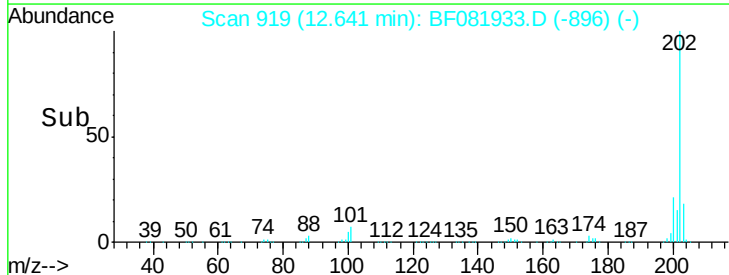
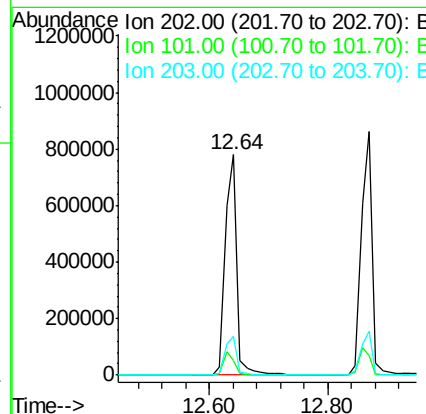
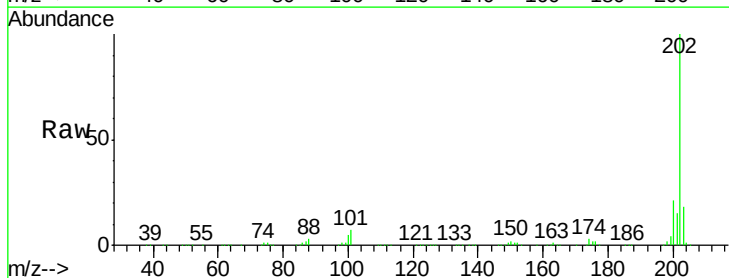
RT: 12.64 min Scan# 919

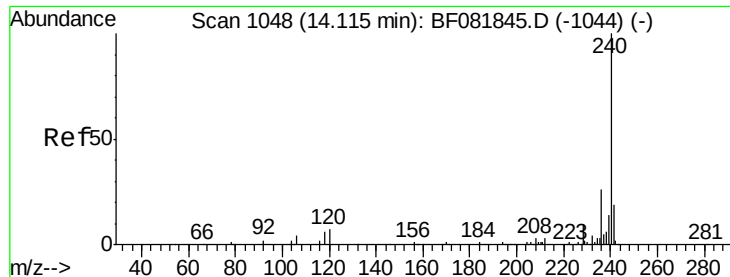
Delta R.T. -0.03 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	38.3
203	17.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

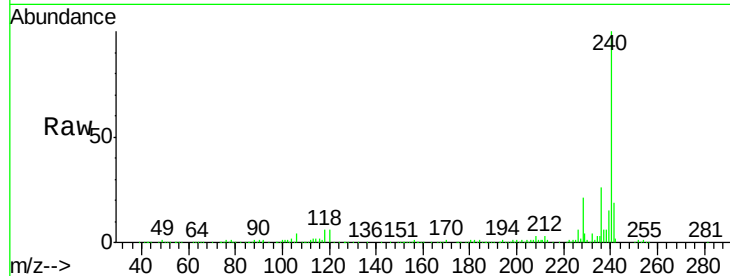
ClientSampleId :

PB85818BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	16.2	24.2#
236	25.8	18.4	27.6

Manual Integrations
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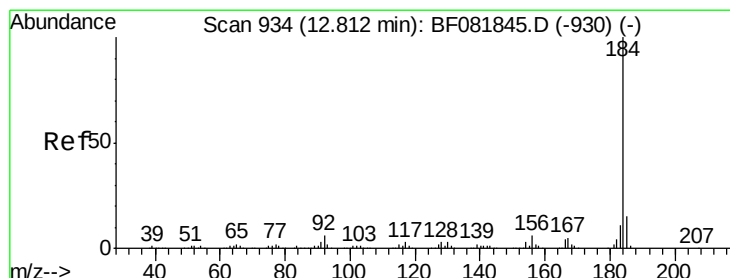
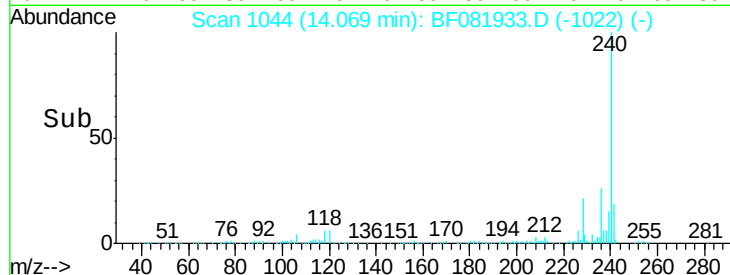
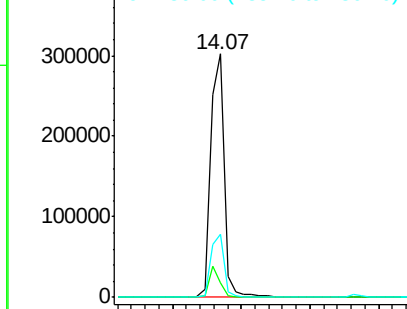
apatel
10/2/2015 9:01:06 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.49 ng

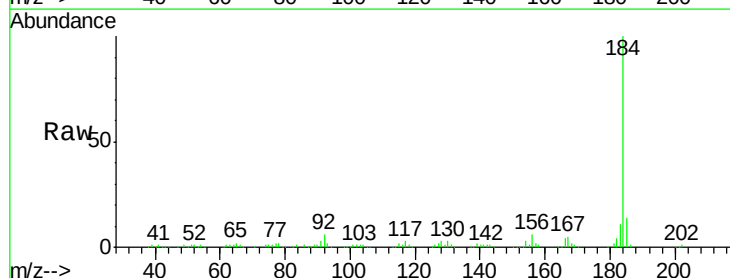
RT: 12.77 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

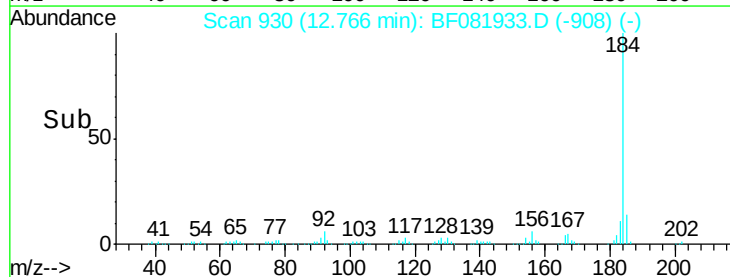
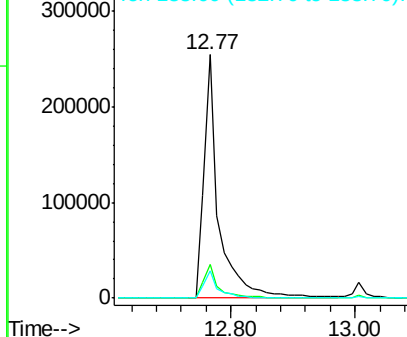
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.6
183	11.2	7.6	11.4

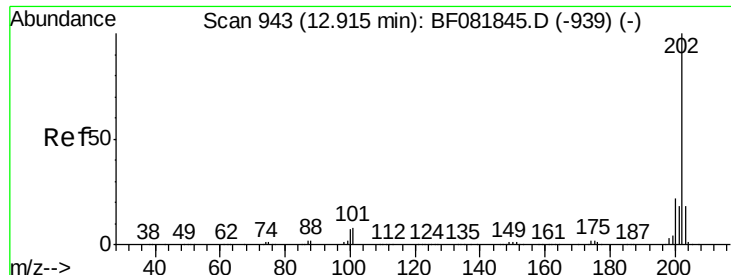


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





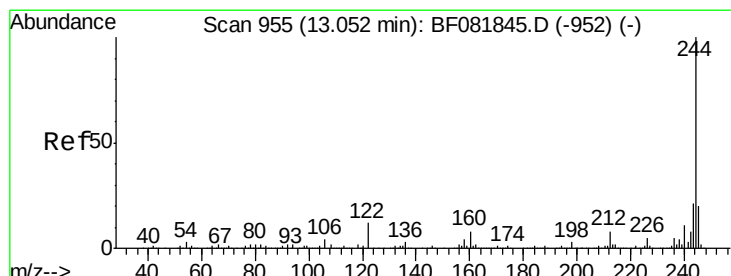
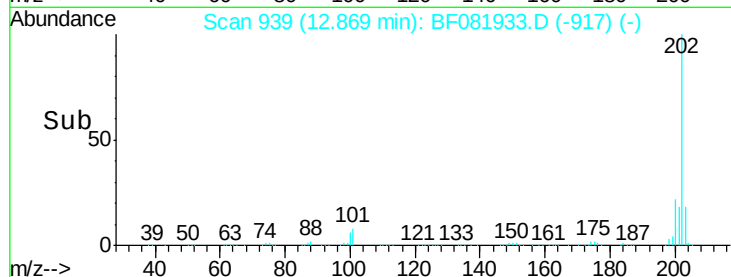
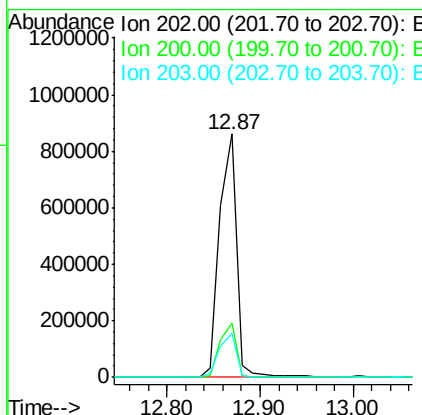
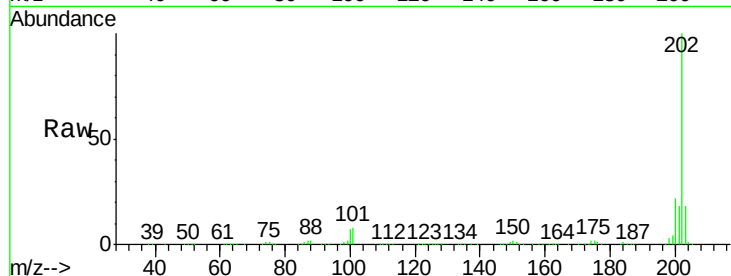
#77
 Pyrene
 Concen: 43.33 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	17.9	14.1	21.1

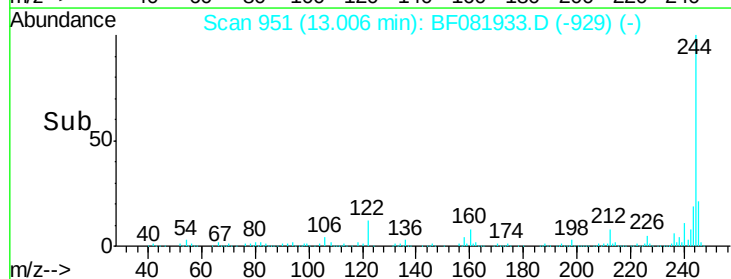
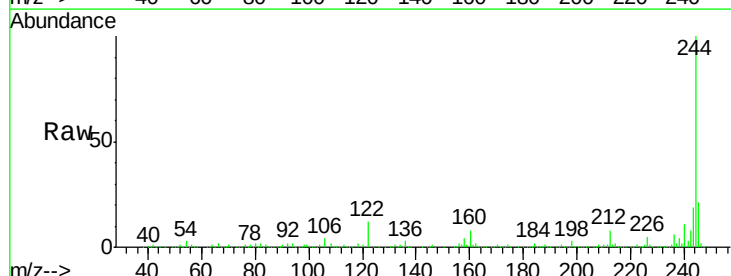
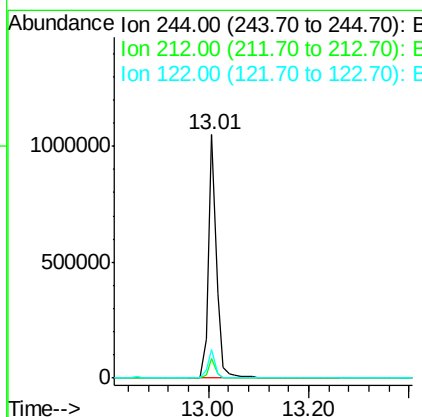
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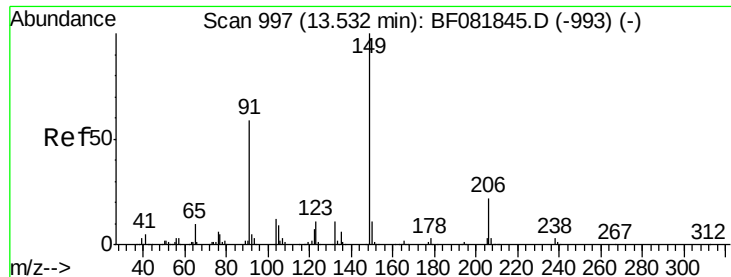
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#78
 Terphenyl-d14
 Concen: 92.70 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

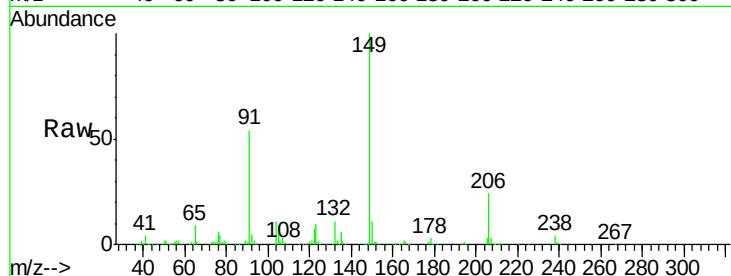
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	11.5	17.4	26.2#





#79
Butylbenzylphthalate
Concen: 50.60 ng
RT: 13.49 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

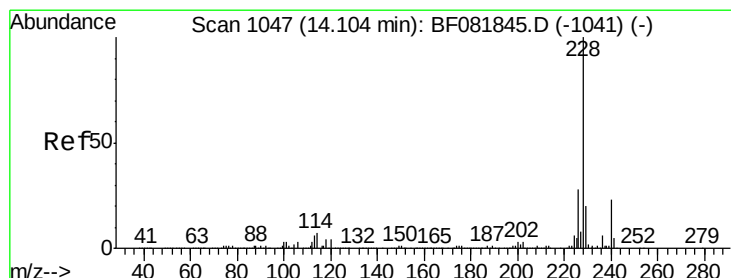
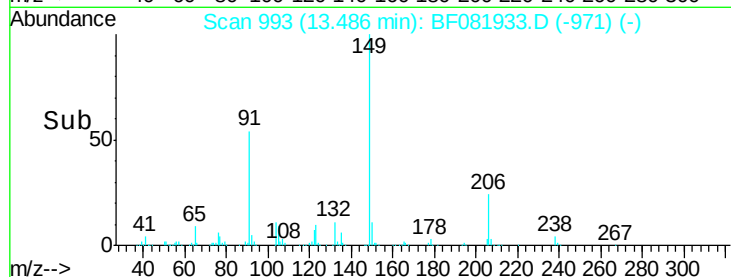
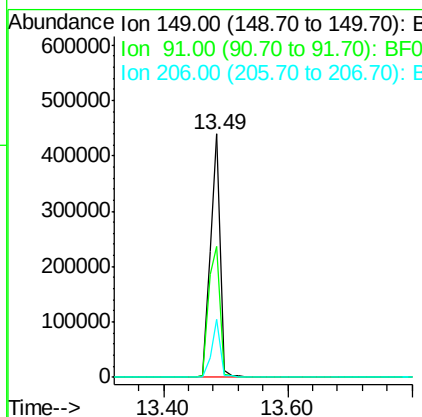
Instrument :
BNA_F
ClientSampleId :
PB85818BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	53.9	48.6	72.8
206	23.9	14.9	22.3

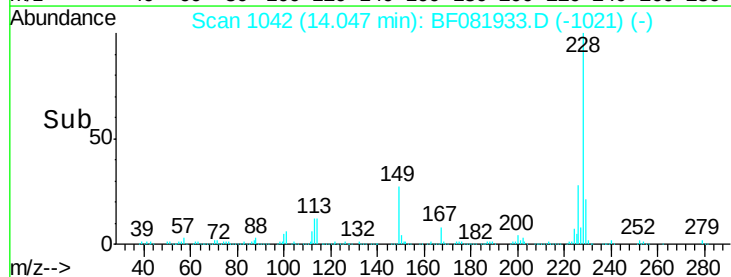
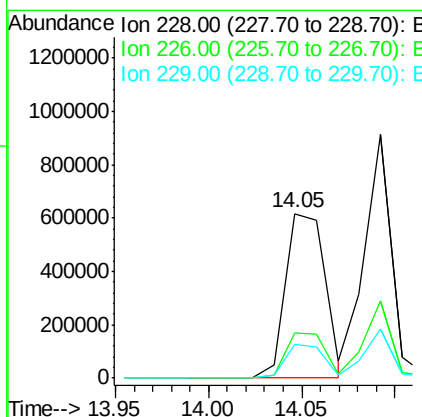
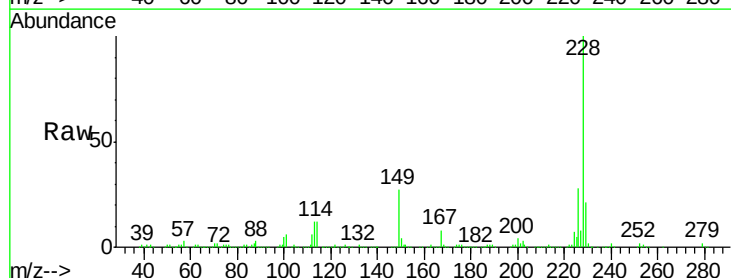
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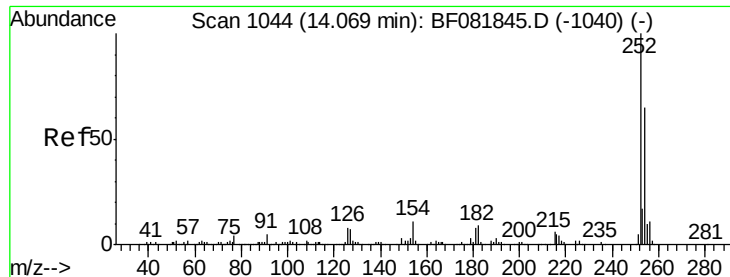
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#80
Benzo(a)anthracene
Concen: 40.10 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	20.0	30.0
229	20.5	15.4	23.2





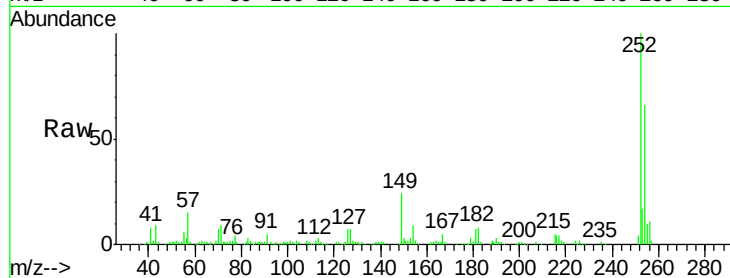
#81
 3,3'-Dichlorobenzidine
 Concen: 27.34 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

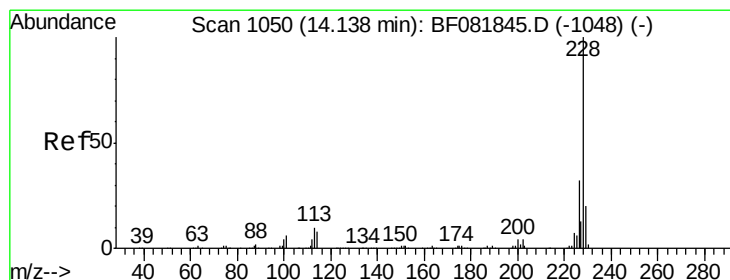
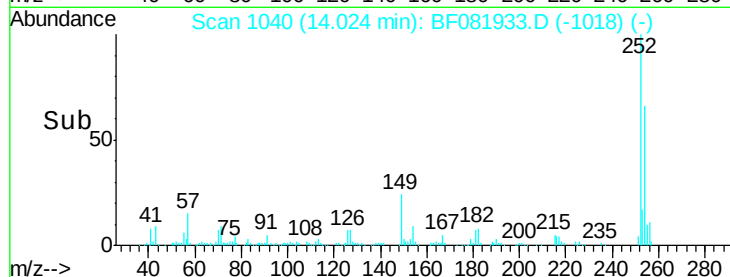
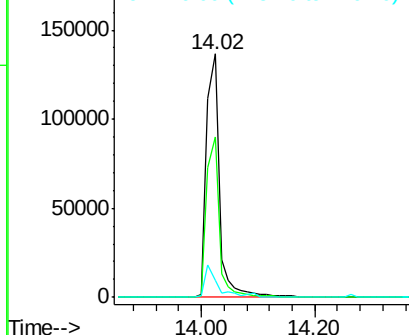
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	66.1	51.4	77.2
126	6.8	16.4	24.6

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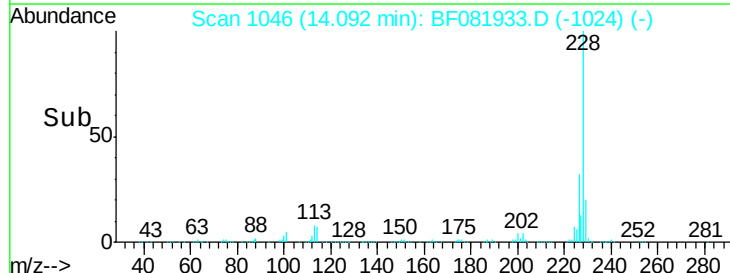
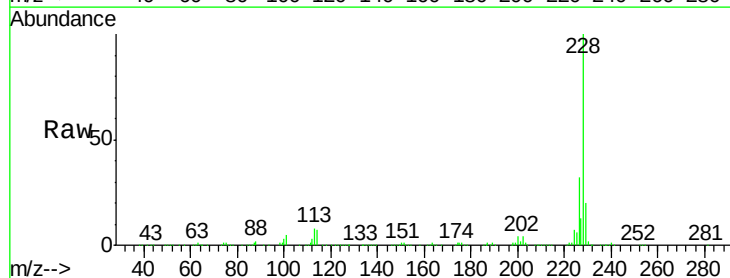
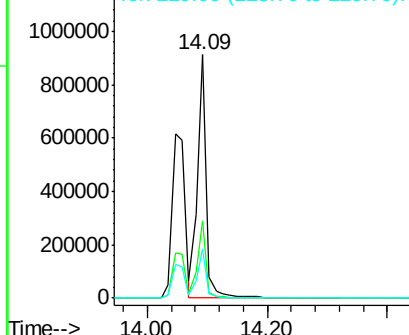
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

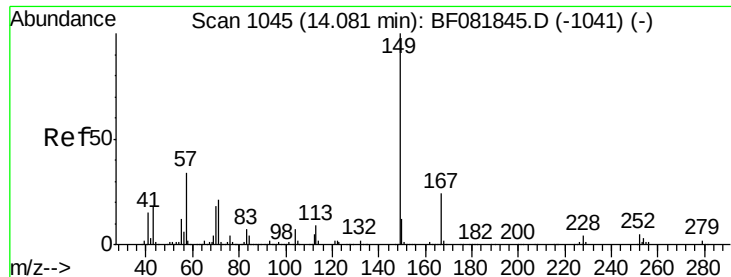


#82
 Chrysene
 Concen: 55.41 ng m
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	21.0	31.4
229	20.1	15.6	23.4

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





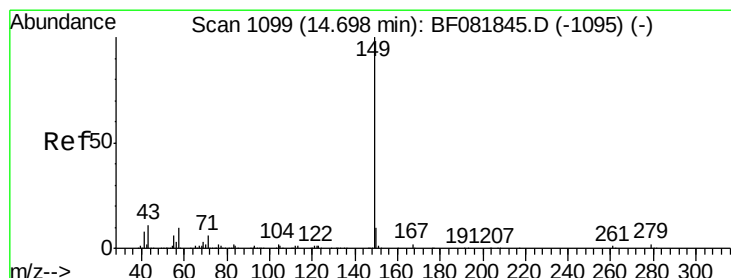
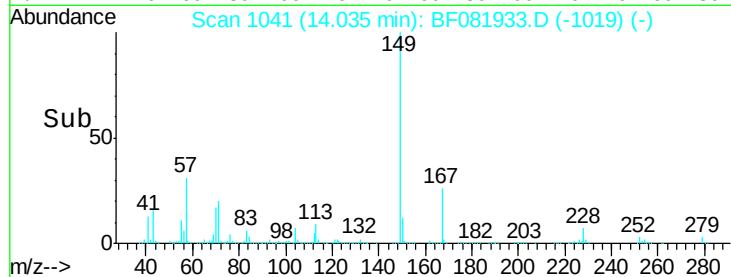
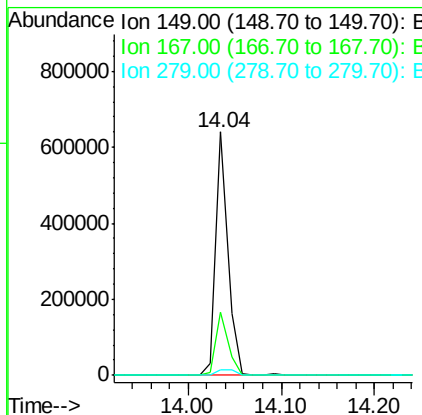
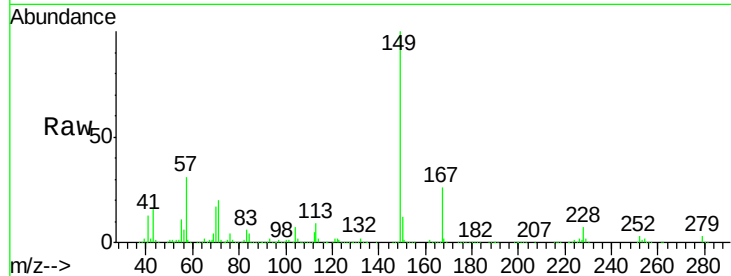
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.24 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	582812		
167	26.0	24.2	36.2	
279	2.5	3.8	5.6#	

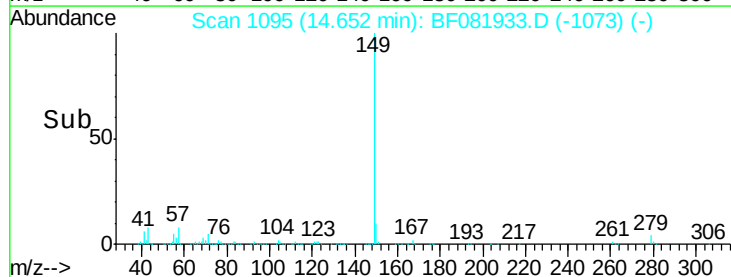
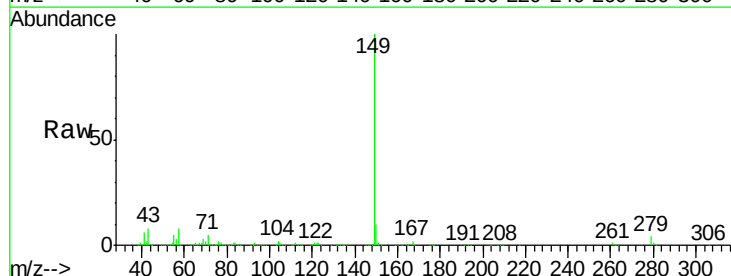
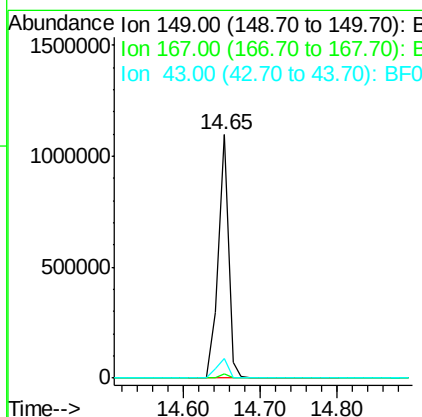
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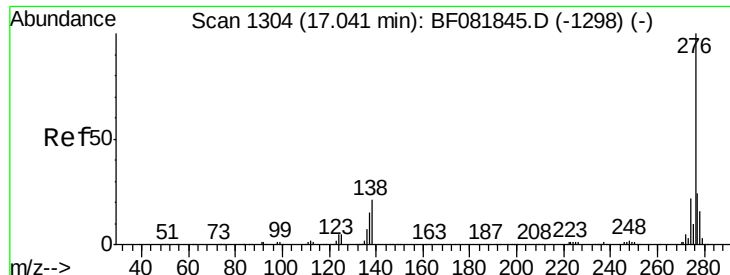
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#84
 Di-n-octyl phthalate
 Concen: 53.03 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	9.1	10.2	15.2#





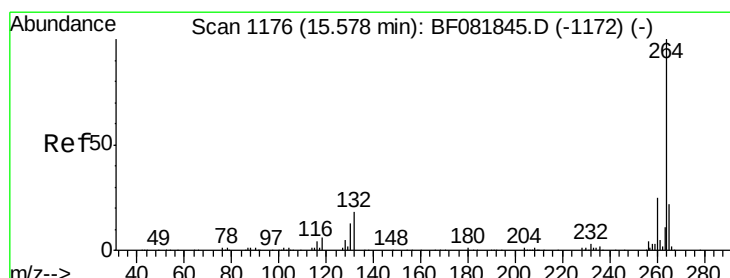
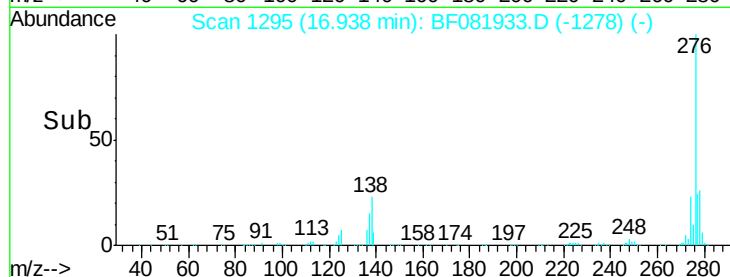
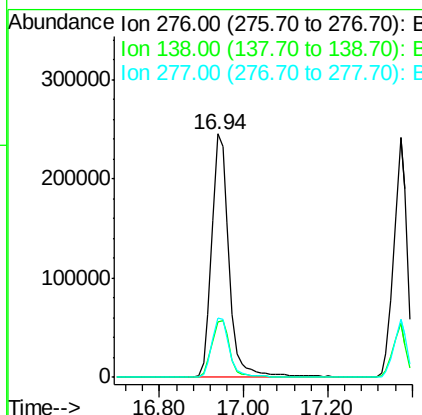
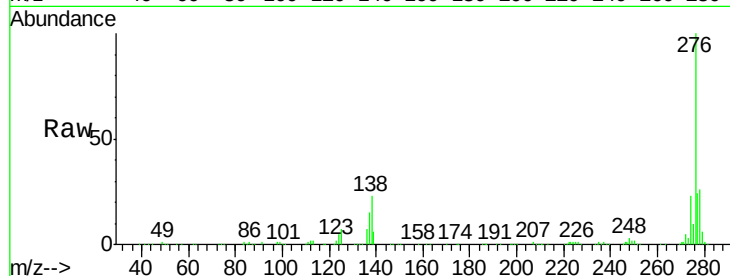
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.01 ng
RT: 16.94 min Scan# 1295
Delta R.T. -0.10 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.7	38.5#
277	25.1	15.6	23.4#

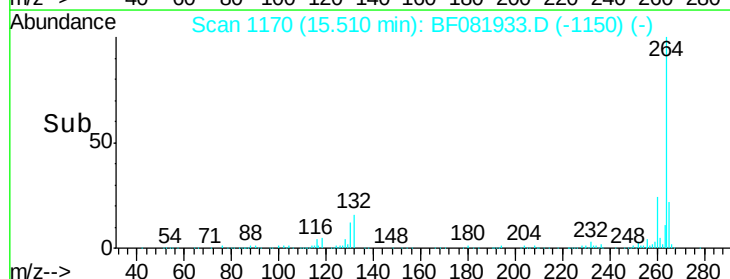
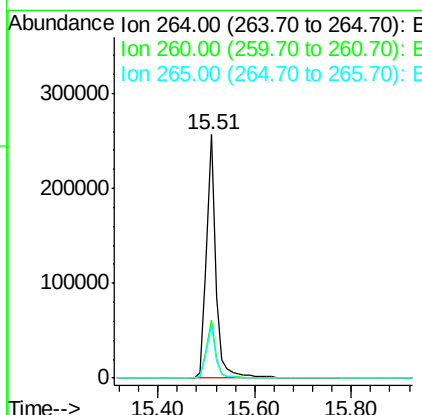
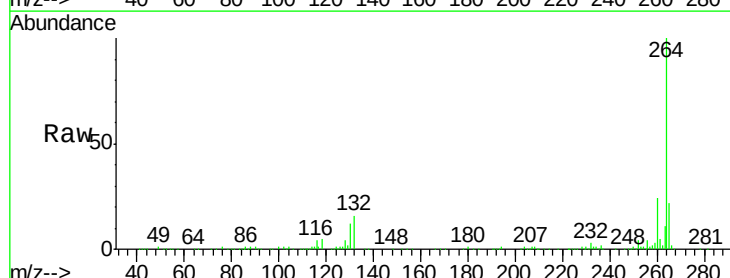
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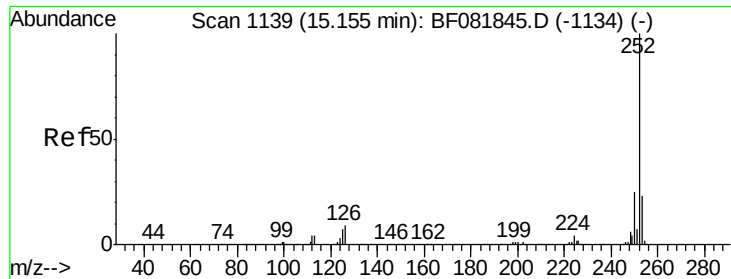
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.73 ng m

RT: 15.09 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF081933.D

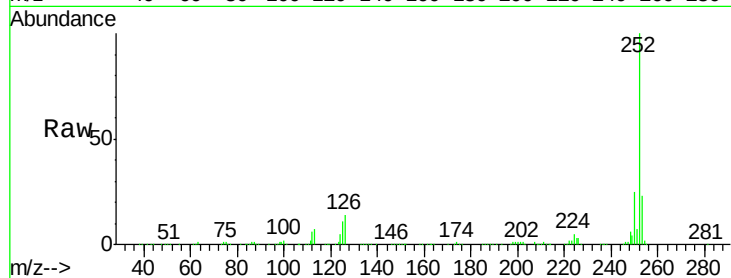
Acq: 1 Oct 2015 12:07

Instrument :

BNA_F

ClientSampleId :

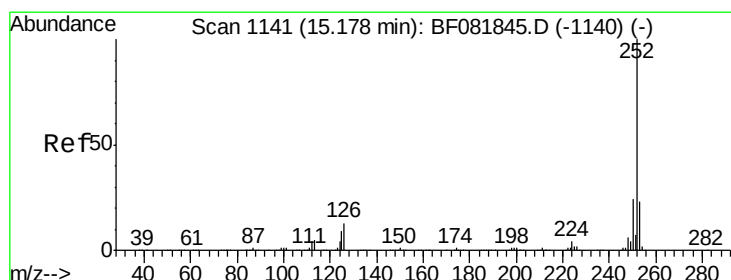
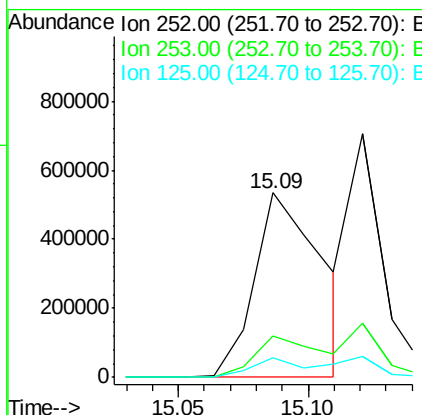
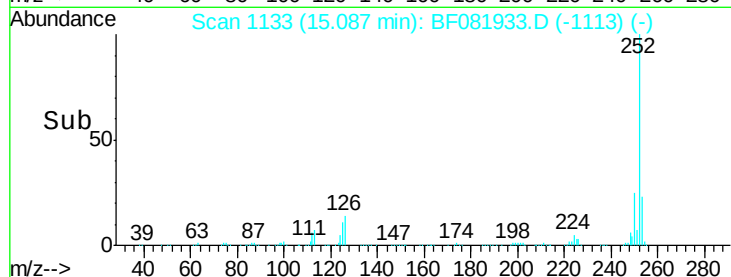
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.6	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 38.11 ng m

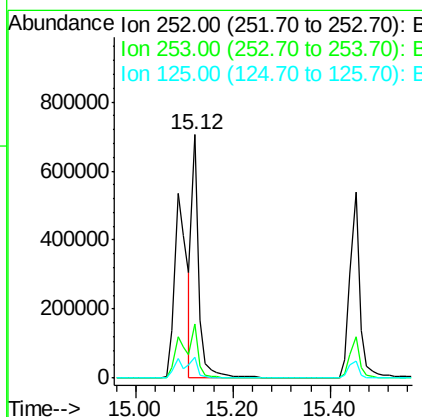
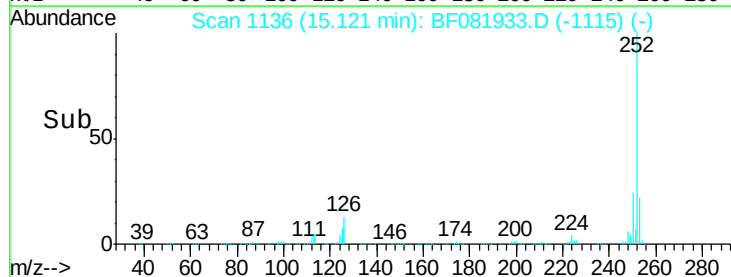
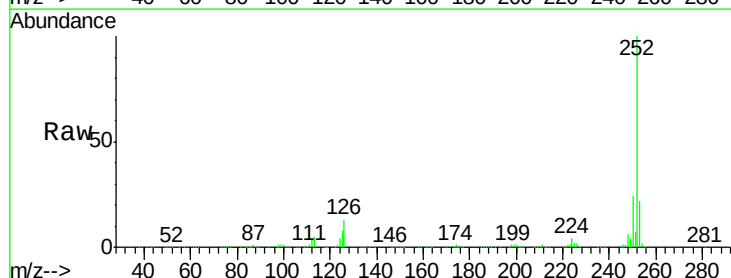
RT: 15.12 min Scan# 1136

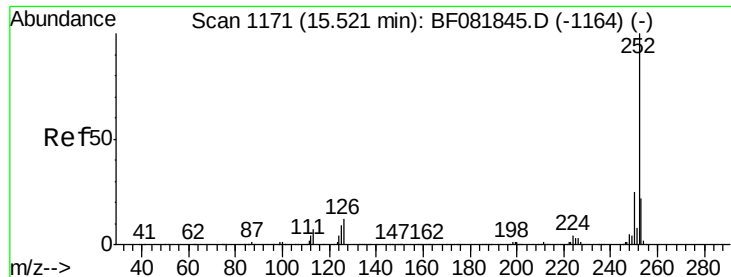
Delta R.T. -0.06 min

Lab File: BF081933.D

Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	8.4	16.0	24.0#





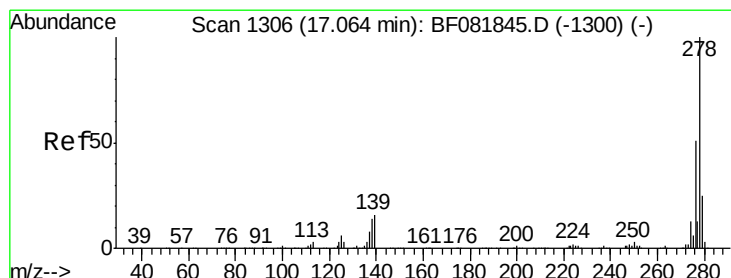
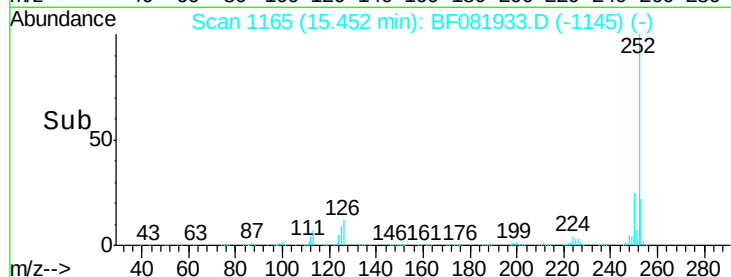
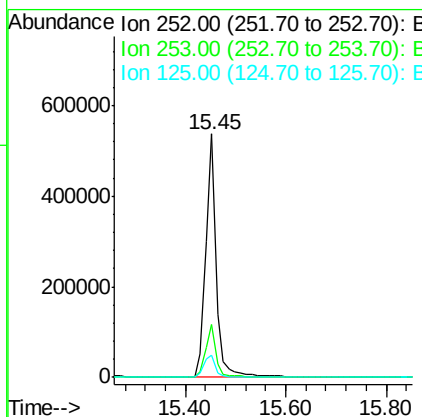
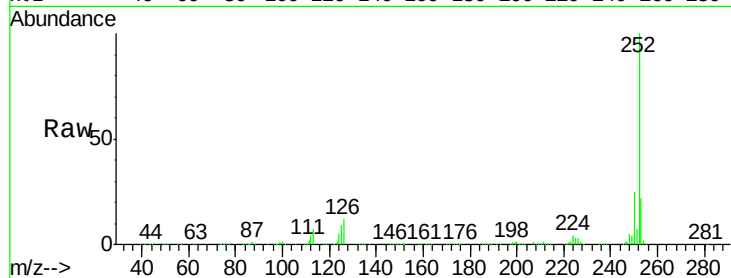
#89
Benzo(a)pyrene
Concen: 44.69 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.2	25.8
125	8.9	18.0	27.0

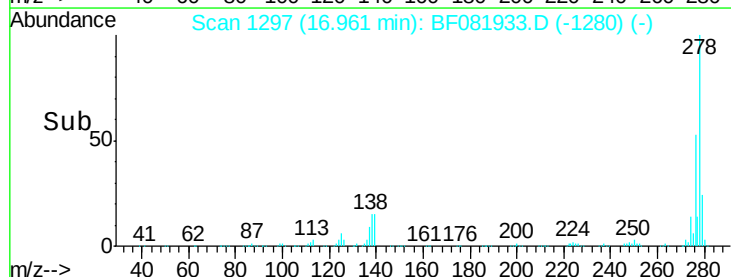
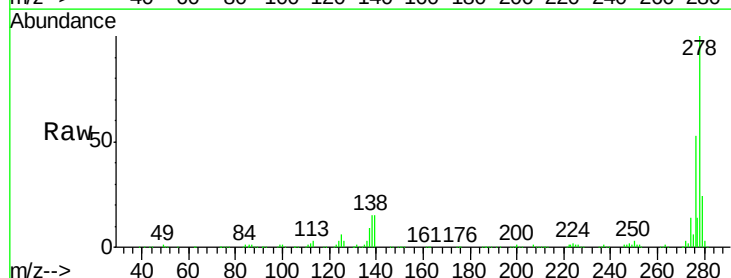
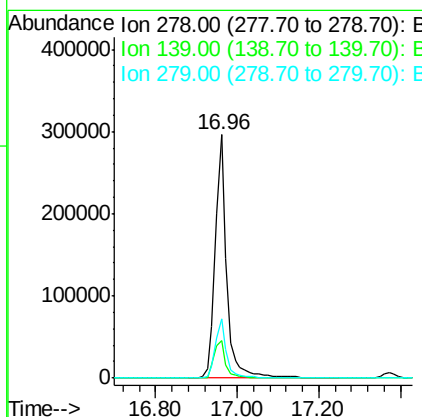
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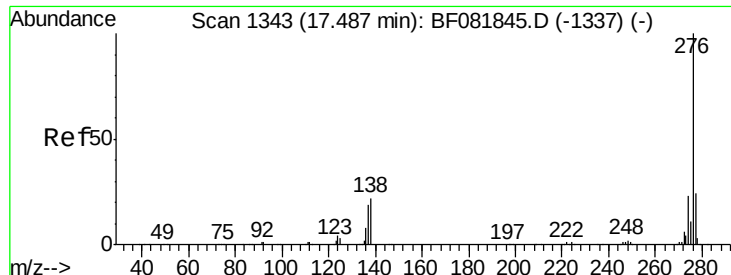
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#90
Dibenzo(a,h)anthracene
Concen: 39.97 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF081933.D
Acq: 1 Oct 2015 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.2	26.3	39.5
279	24.3	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 37.91 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.11 min
 Lab File: BF081933.D
 Acq: 1 Oct 2015 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BS

Tgt	Ion	276	Resp:	566192
	Ratio	100	Lower	Upper
	276	100		
	277	24.5	17.8	26.6
	138	22.5	34.6	51.8#

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