

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085114.D
 Acq On : 2 Mar 2016 12:47
 Operator : SJ/IZ
 Sample : PB88622BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Manual Integrations
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 3/3/2016 2:05:25 PM

Quant Time: Mar 03 11:27:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	175969	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	754484	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	343155	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	639071	20.00	ng	0.00
75) Chrysene-d12	14.15	240	534953	20.00	ng	0.00
86) Perylene-d12	15.63	264	426387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1273097	117.45	ng	0.01
7) Phenol-d6	6.61	99	1812355	127.54	ng	0.00
23) Nitrobenzene-d5	7.56	82	1196780	84.39	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	538463	156.14	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1715274	73.62	ng	0.00
78) Terphenyl-d14	13.10	244	1804663	79.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	176601	32.88	ng	99
3) Pyridine	3.54	79	549137	39.83	ng	98
4) n-Nitrosodimethylamine	3.50	42	253974	40.49	ng	95
6) Aniline	6.65	93	484505	24.03	ng	100
8) 2-Chlorophenol	6.78	128	521058	41.71	ng	85
9) Benzaldehyde	6.54	77	199478	26.14	ng	87
10) Phenol	6.62	94	589946	37.11	ng	86
11) bis(2-Chloroethyl)ether	6.72	93	487692	38.69	ng	94
12) 1,3-Dichlorobenzene	6.93	146	521836m	38.89	ng	
13) 1,4-Dichlorobenzene	7.01	146	555152	40.59	ng	95
14) 1,2-Dichlorobenzene	7.17	146	503726m	41.83	ng	
15) Benzyl Alcohol	7.12	79	466130	45.00	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	761075	40.98	ng	99
17) 2-Methylphenol	7.24	107	450758	43.06	ng	98
18) Hexachloroethane	7.51	117	211629	41.86	ng	# 84
19) n-Nitroso-di-n-propylamine	7.40	70	396949	42.39	ng	92
20) 3+4-Methylphenols	7.38	107	528100	42.21	ng	97
22) Acetophenone	7.40	105	690141	36.36	ng	# 98
24) Nitrobenzene	7.57	77	532420	36.19	ng	98
25) Isophorone	7.81	82	1017861	37.52	ng	99
26) 2-Nitrophenol	7.89	139	254455	38.68	ng	# 80
27) 2,4-Dimethylphenol	7.92	122	543490	42.63	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	653191	43.66	ng	98
29) 2,4-Dichlorophenol	8.13	162	456149	43.49	ng	93
30) 1,2,4-Trichlorobenzene	8.22	180	473607	41.42	ng	95
31) Naphthalene	8.30	128	1562998	40.96	ng	99
32) Benzoic acid	8.02	122	225092	34.99	ng	97
33) 4-Chloroaniline	8.33	127	192069	12.73	ng	98
34) Hexachlorobutadiene	8.41	225	248951	37.53	ng	98
35) Caprolactam	8.70	113	138545m	42.08	ng	
36) 4-Chloro-3-methylphenol	8.81	107	469239	40.46	ng	97
37) 2-Methylnaphthalene	8.98	142	964340	41.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	429149	40.61	ng	99
40) Hexachlorocyclopentadiene	9.14	237	527238	87.63	ng	97

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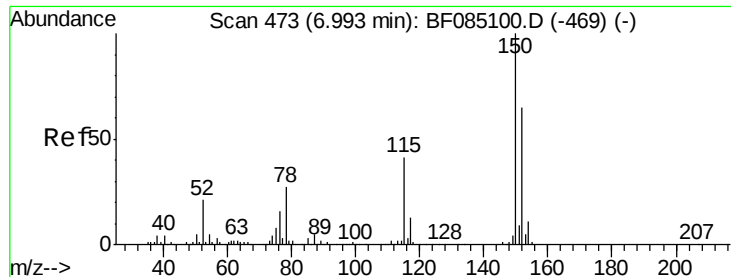
Manual Integrations
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Quant Time: Mar 03 11:27:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	296989	41.74	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	297658	43.66	ng #	88
45) 1,1'-Biphenyl	9.45	154	1208323	39.67	ng	98
46) 2-Chloronaphthalene	9.48	162	867164	39.03	ng	97
47) 2-Nitroaniline	9.57	65	300738	43.12	ng #	77
48) Acenaphthylene	9.90	152	1446994	43.82	ng	97
49) Dimethylphthalate	9.75	163	1001616	39.37	ng	100
50) 2,6-Dinitrotoluene	9.81	165	206528	39.14	ng #	85
51) Acenaphthene	10.07	154	996259	48.06	ng	98
52) 3-Nitroaniline	9.98	138	142376	22.72	ng	89
53) 2,4-Dinitrophenol	10.08	184	184537	73.88	ng #	1
54) Dibenzofuran	10.24	168	1343844	49.94	ng	93
55) 4-Nitrophenol	10.13	139	377003	78.39	ng #	58
56) 2,4-Dinitrotoluene	10.22	165	311794	43.86	ng #	59
57) Fluorene	10.58	166	986141	46.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	257078	49.77	ng	96
59) Diethylphthalate	10.45	149	963861	39.53	ng	96
60) 4-Chlorophenyl-phenylether	10.57	204	488627	44.80	ng	88
61) 4-Nitroaniline	10.60	138	266460	45.36	ng	96
62) Azobenzene	10.73	77	1224974	49.72	ng	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	153567	41.19	ng	80
65) n-Nitrosodiphenylamine	10.69	169	829478	41.18	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	302637	45.10	ng #	83
67) Hexachlorobenzene	11.13	284	331285	43.73	ng #	80
68) Atrazine	11.21	200	300606	48.92	ng	98
69) Pentachlorophenol	11.32	266	355539	79.98	ng	99
70) Phenanthrene	11.54	178	1554926	48.91	ng	98
71) Anthracene	11.59	178	1379351	38.64	ng	99
72) Carbazole	11.74	167	1294563	41.67	ng	98
73) Di-n-butylphthalate	12.07	149	1471473	39.79	ng #	98
74) Fluoranthene	12.73	202	1560260	44.72	ng	92
76) Benzidine	12.85	184	486184	30.06	ng	99
77) Pyrene	12.96	202	1657664	45.39	ng	97
79) Butylbenzylphthalate	13.57	149	625013	40.42	ng #	70
80) Benzo(a)anthracene	14.14	228	1307465	42.09	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	191850	19.76	ng #	95
82) Chrysene	14.19	228	1267835	44.70	ng	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	848420	47.52	ng	99
84) Di-n-octyl phthalate	14.75	149	1296383	48.91	ng	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	975611	40.68	ng	99
87) Benzo(b)fluoranthene	15.19	252	1249110	48.11	ng #	96
88) Benzo(k)fluoranthene	15.23	252	850966m	37.84	ng	
89) Benzo(a)pyrene	15.57	252	977281	44.76	ng #	97
90) Dibenzo(a,h)anthracene	17.13	278	827834	42.09	ng	96
91) Benzo(g,h,i)perylene	17.56	276	804062	40.21	ng	99

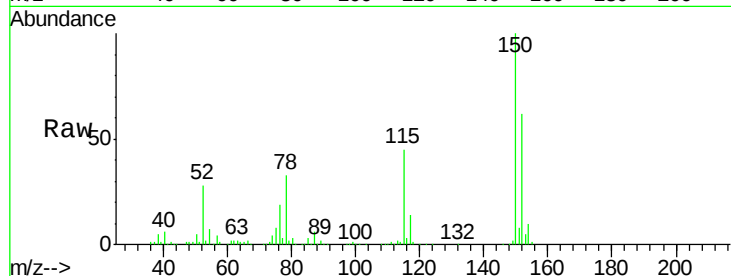
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

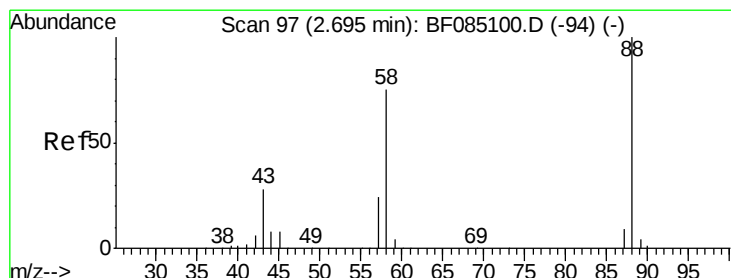
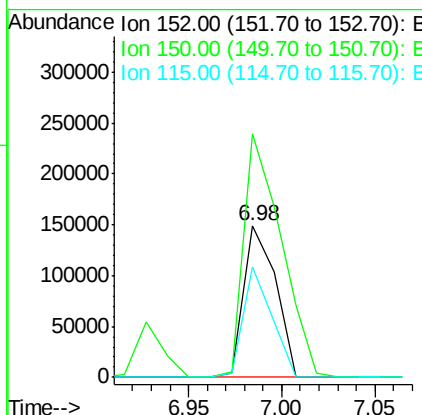
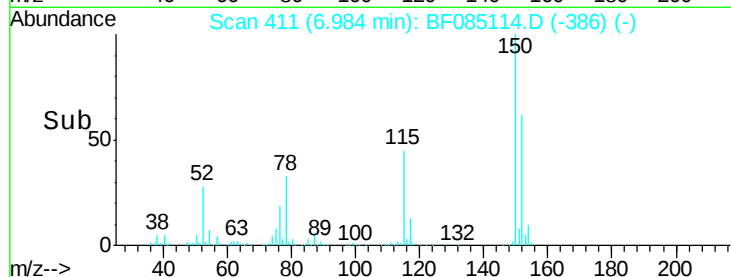
Instrument :
BNA_F
ClientSampleId :
PB88622BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.4	185.0
115	72.6	50.0	75.0

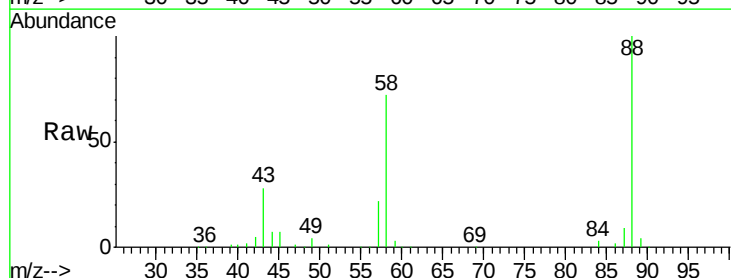
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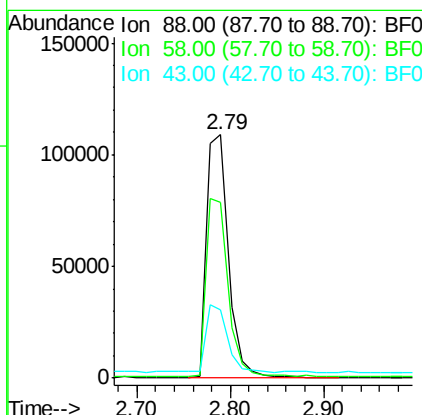
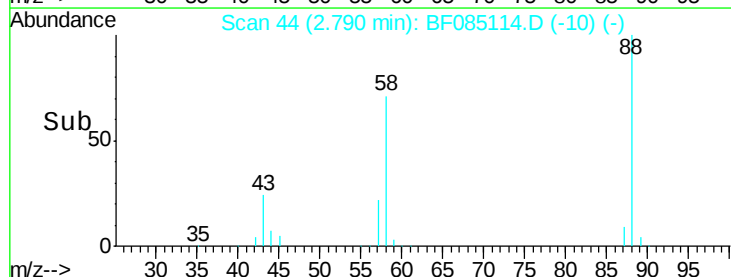


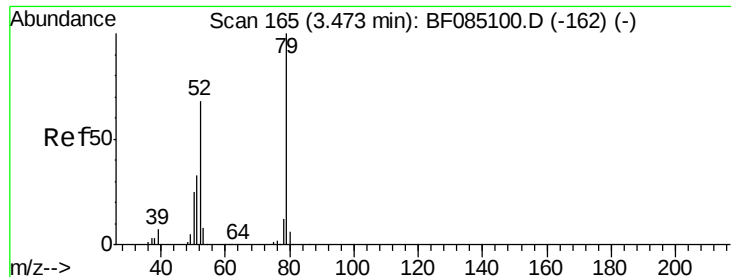
#2

1,4-Dioxane
Concen: 32.88 ng
RT: 2.79 min Scan# 44
Delta R.T. 0.09 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47



Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.4	87.6
43	27.5	22.2	33.4





#3

Pyridine

Concen: 39.83 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF085114.D

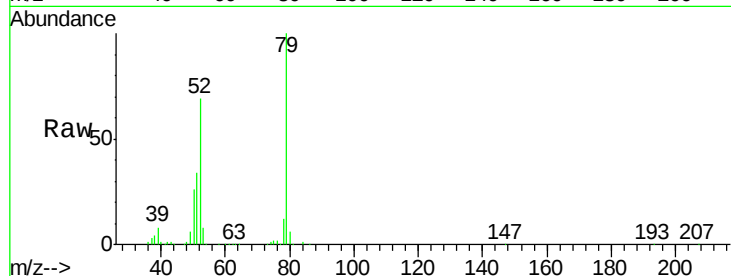
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Instrument :

BNA_F

ClientSampleId :

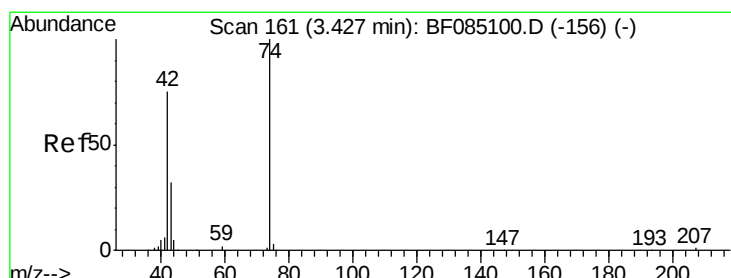
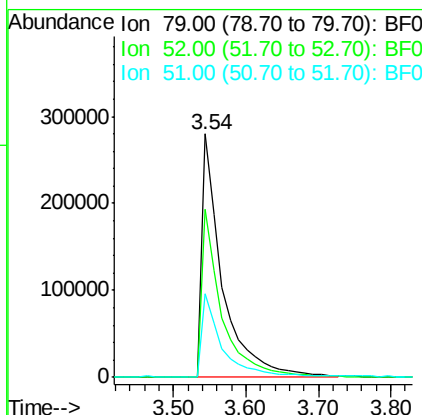
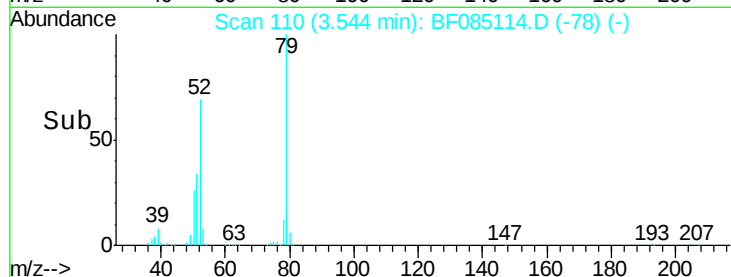
PB88622BS



Tgt Ion:	79	Resp:	549137
Ion Ratio	Lower	Upper	
79	100		
52	69.2	54.1	81.1
51	34.2	26.6	40.0

Manual Integrations
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#4

n-Nitrosodimethylamine

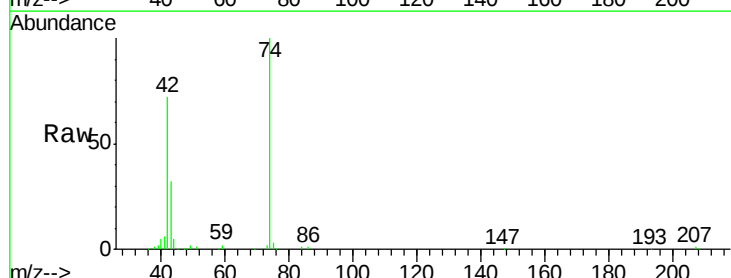
Concen: 40.49 ng

RT: 3.50 min Scan# 106

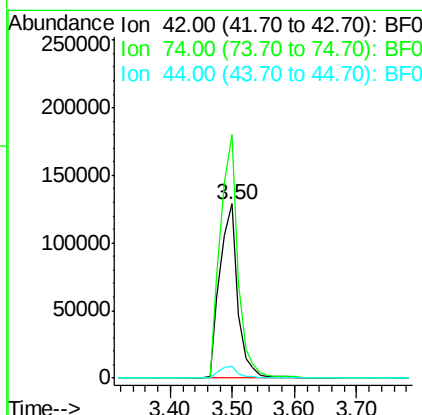
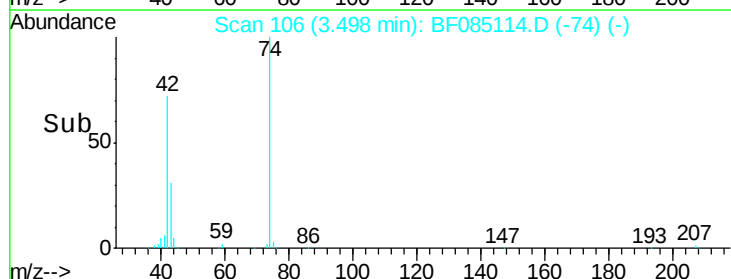
Delta R.T. 0.07 min

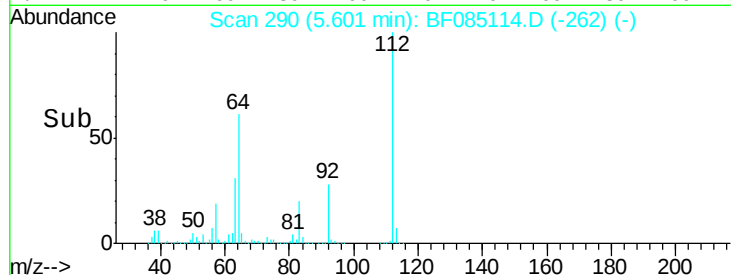
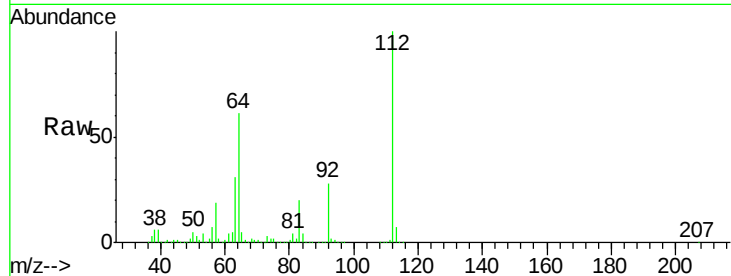
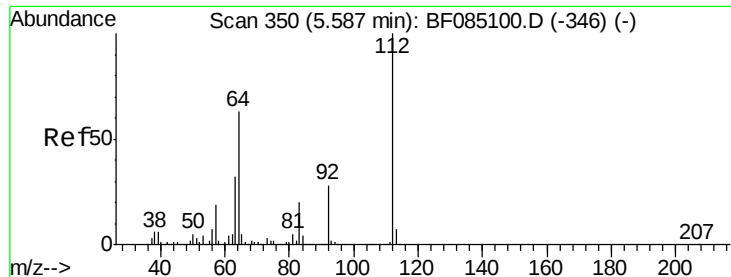
Lab File: BF085114.D

Acq: 2 Mar 2016 12:47



Tgt Ion:	42	Resp:	253974
Ion Ratio	Lower	Upper	
42	100		
74	139.8	106.6	160.0
44	7.1	5.4	8.2





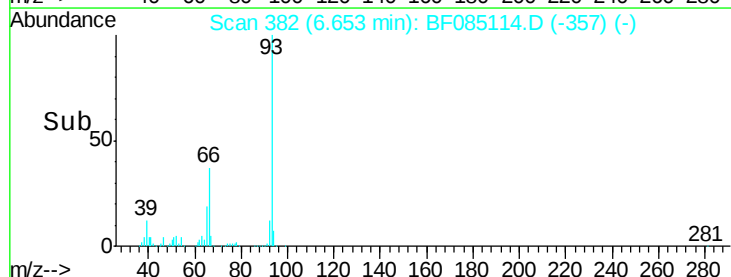
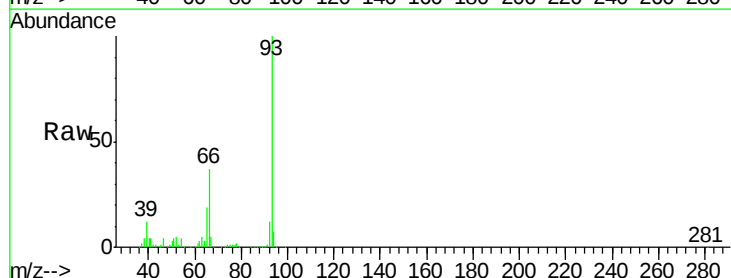
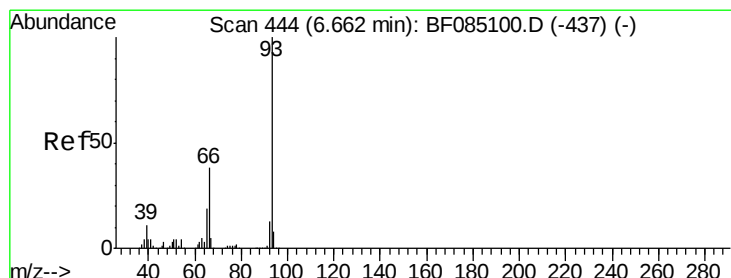
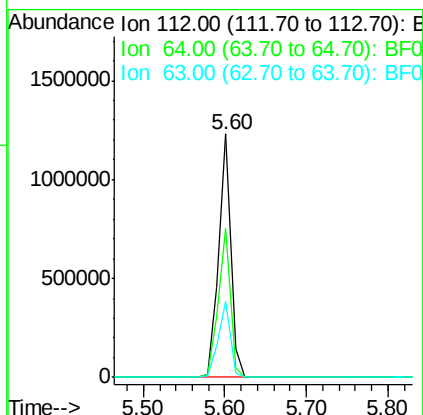
#5
2-Fluorophenol
Concen: 117.45 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1273097		
64	61.3	50.6	76.0	
63	31.2	25.5	38.3	

Instrument :
BNA_F
ClientSampleId :
PB88622BS

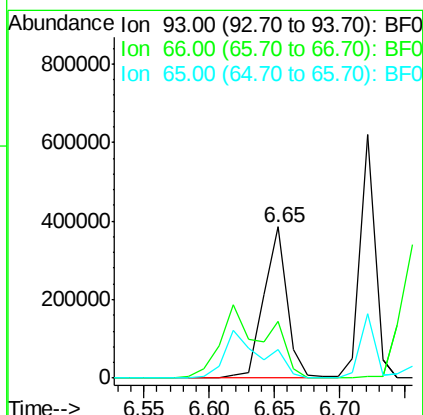
Manual Integrations
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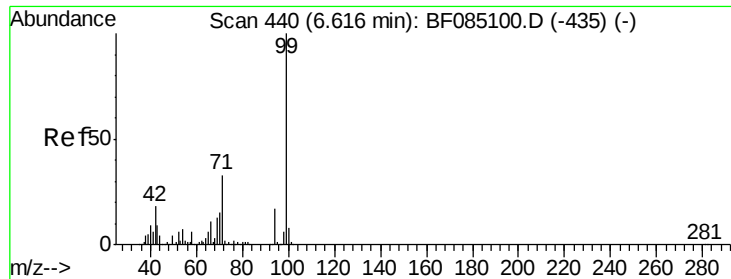
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#6
Aniline
Concen: 24.03 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484505		
66	37.4	30.1	45.1	
65	19.1	15.0	22.6	





#7

Phenol-d6

Concen: 127.54 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS

Tgt Ion: 99 Resp: 1812355

Ion Ratio Lower Upper

99 100

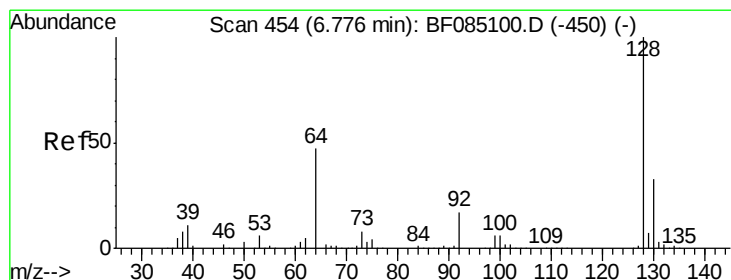
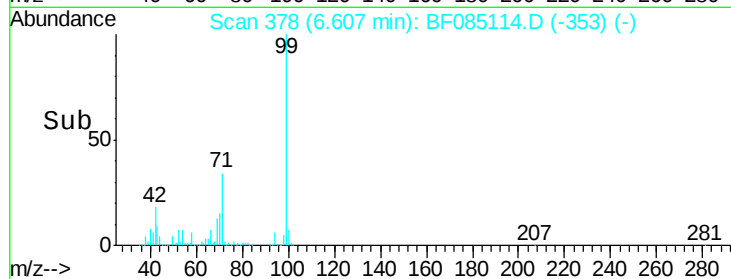
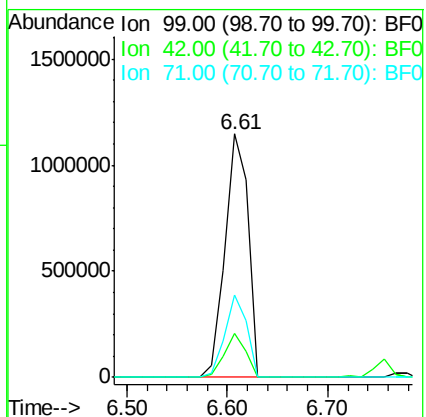
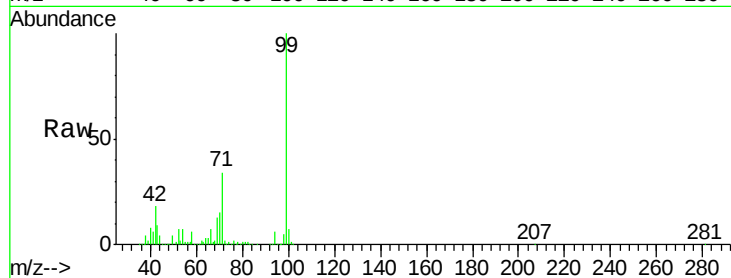
42 18.2 14.1 21.1

71 33.9 26.8 40.2

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#8

2-Chlorophenol

Concen: 41.71 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

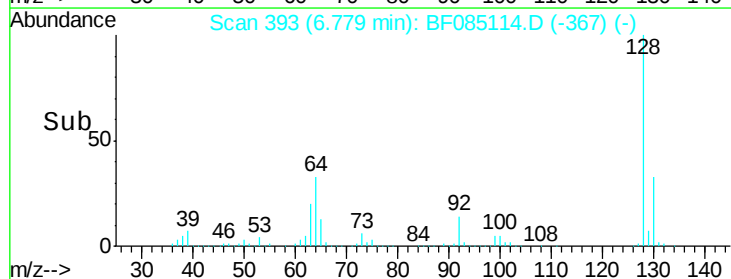
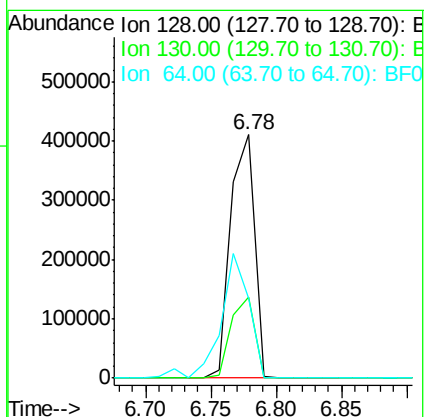
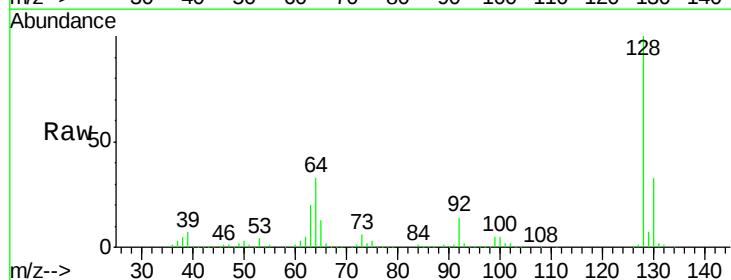
Tgt Ion: 128 Resp: 521058

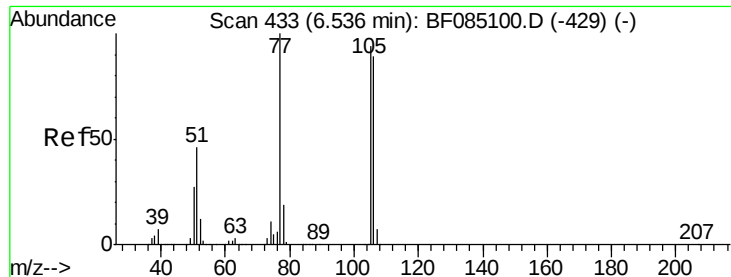
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 32.6 29.6 69.6





#9

Benzaldehyde

Concen: 26.14 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085114.D

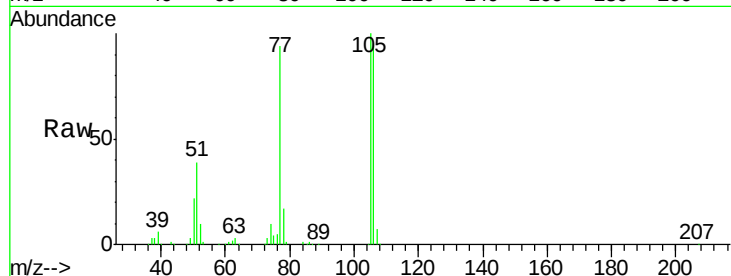
Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS



Tgt Ion: 77 Resp: 199478

Ion Ratio Lower Upper

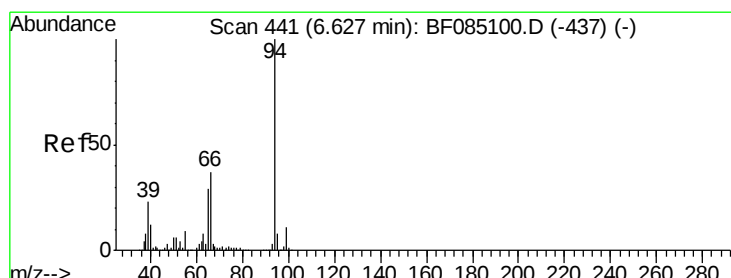
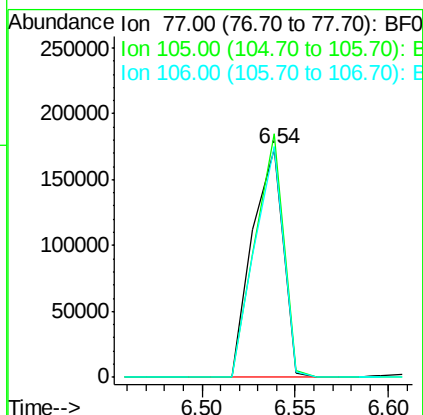
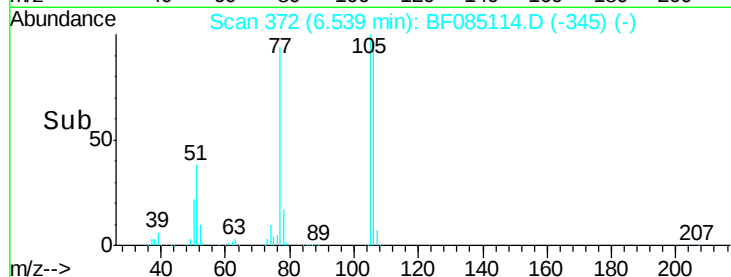
77 100

105 106.6 73.7 113.7

106 100.9 69.2 109.2

Manual Integrations
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#10

Phenol

Concen: 37.11 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

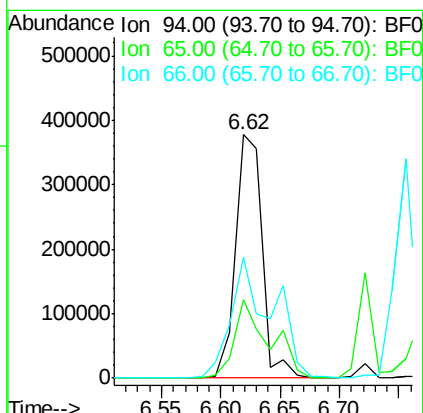
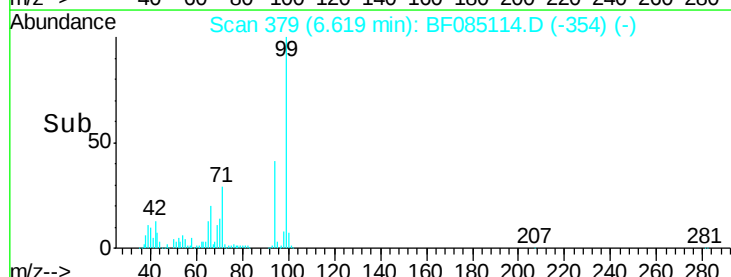
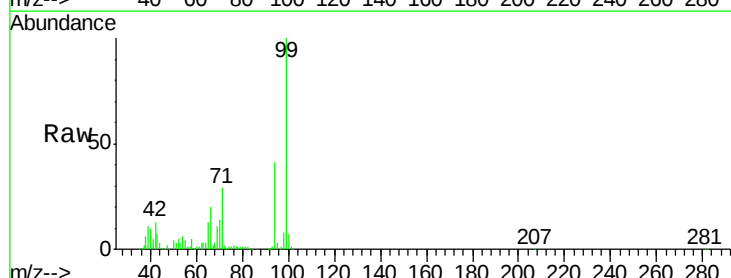
Tgt Ion: 94 Resp: 589946

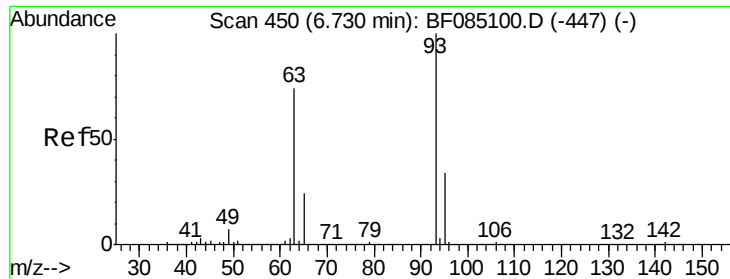
Ion Ratio Lower Upper

94 100

65 32.1 9.1 49.1

66 49.5 17.5 57.5





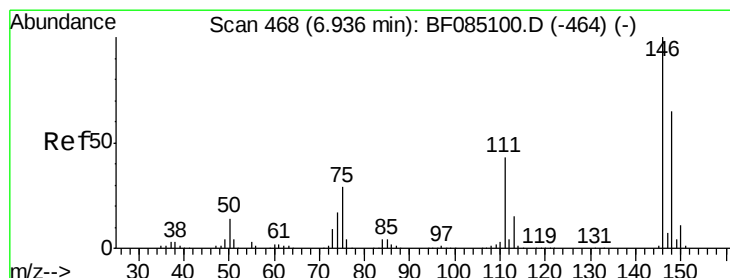
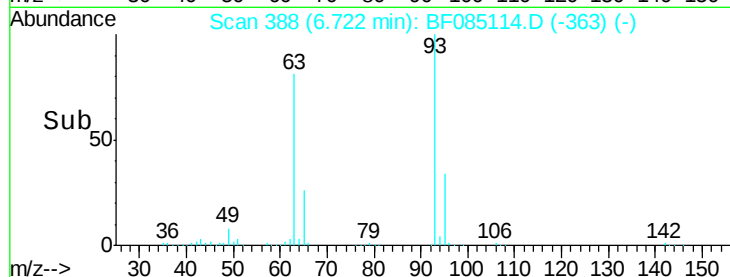
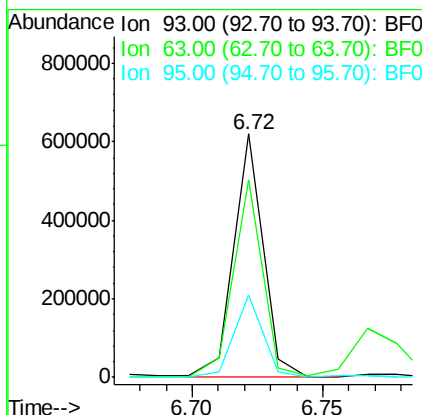
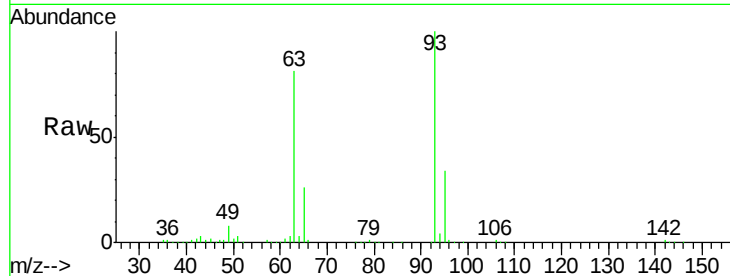
#11
bis(2-Chloroethyl)ether
Concen: 38.69 ng
RT: 6.72 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	81.1	53.9	93.9
95	33.6	13.8	53.8

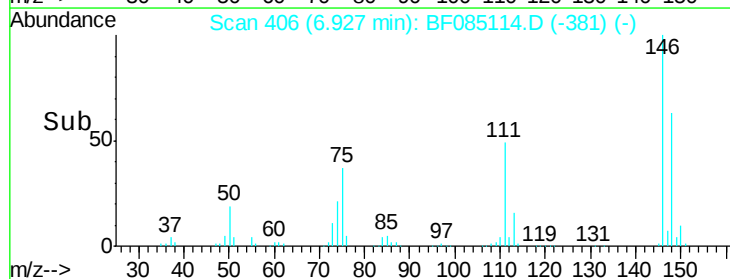
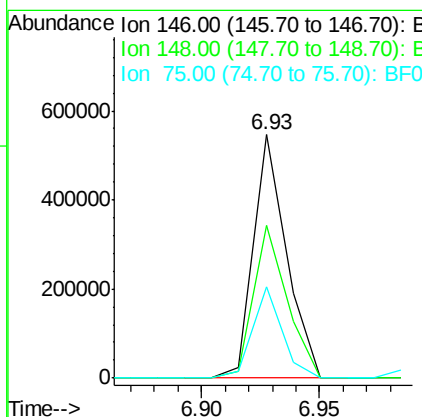
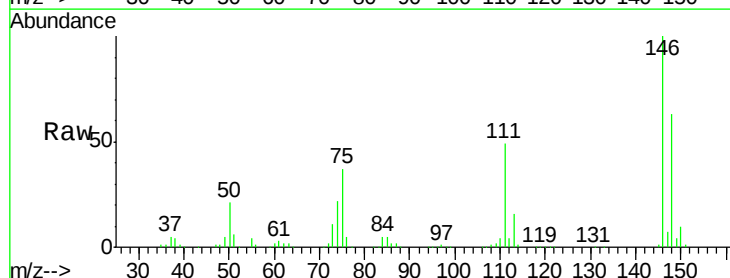
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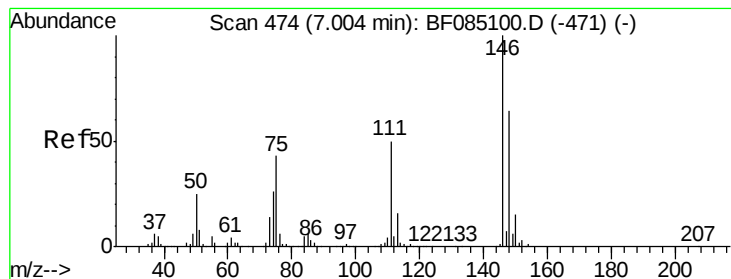
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 38.89 ng m
RT: 6.93 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.8	51.9	77.9
75	37.4	23.3	34.9#





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

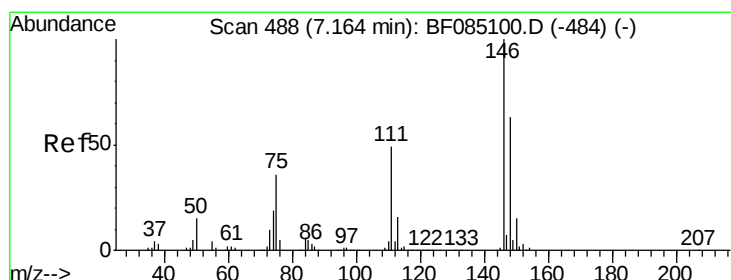
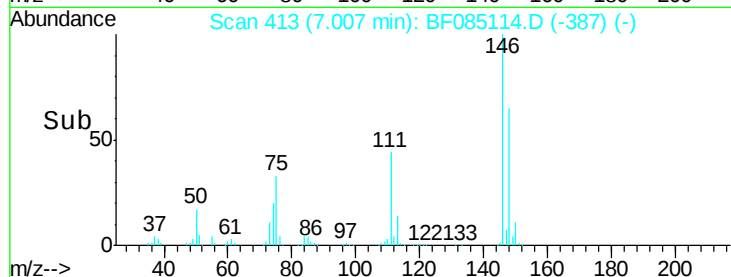
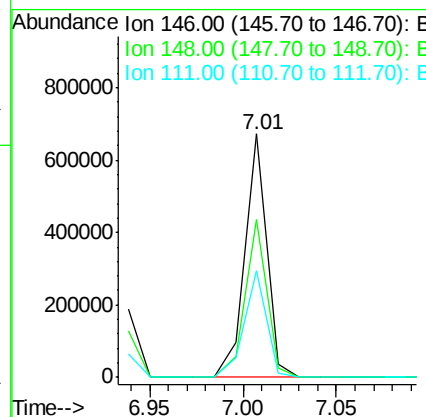
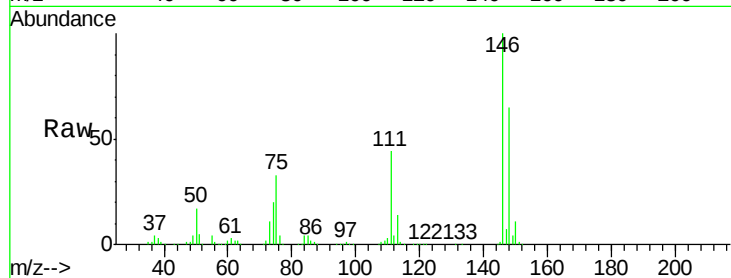
ClientSampleId :

PB88622BS

Tgt Ion:	146	Resp:	555152
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	43.7	40.0	60.0

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#14

1,2-Dichlorobenzene

Concen: 41.83 ng m

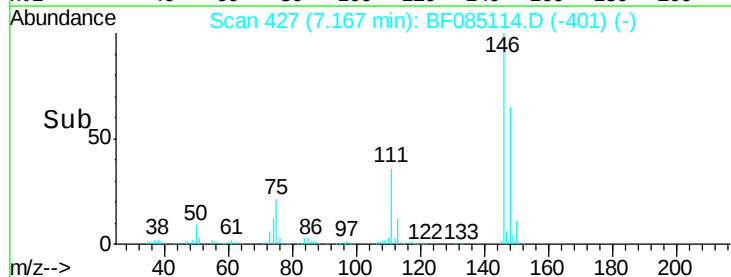
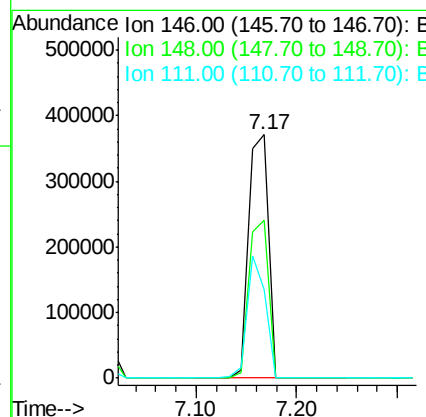
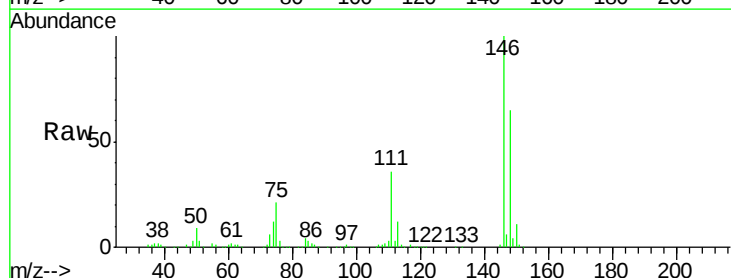
RT: 7.17 min Scan# 427

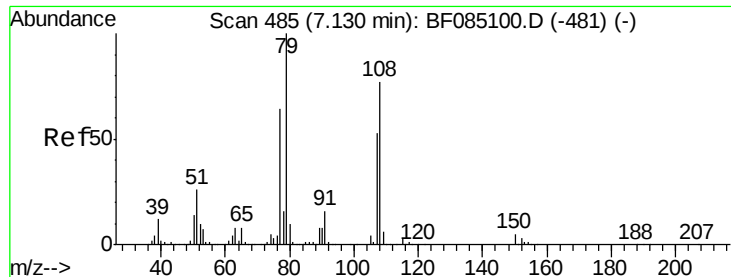
Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:	146	Resp:	503726
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.5	75.7
111	36.4	38.9	58.3#





#15

Benzyl Alcohol

Concen: 45.00 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

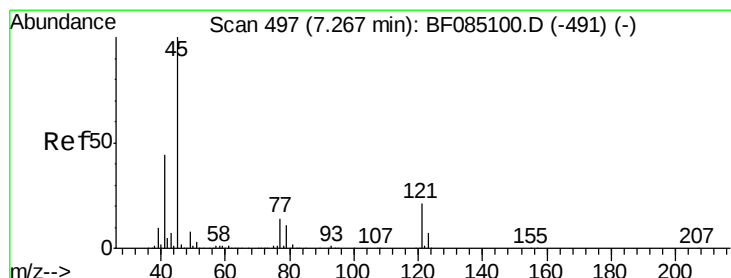
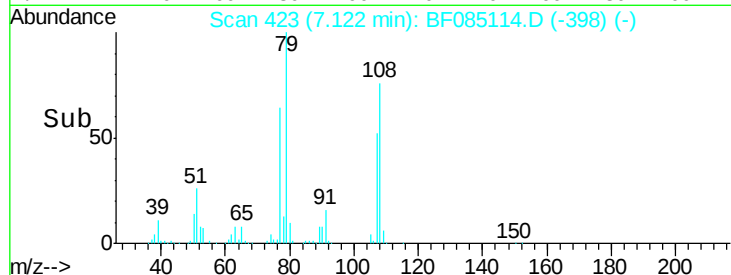
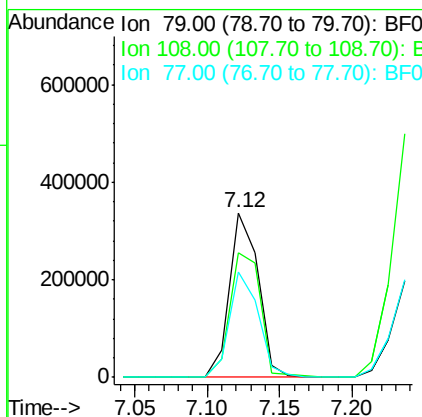
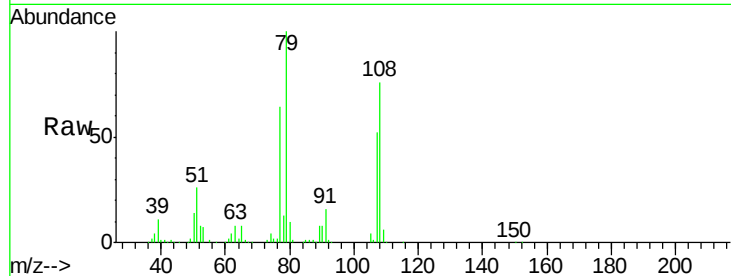
ClientSampleId :

PB88622BS

Tgt Ion:	79	Resp:	466130
Ion Ratio	Lower	Upper	
79	100		
108	75.6	61.8	92.6
77	63.7	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.98 ng

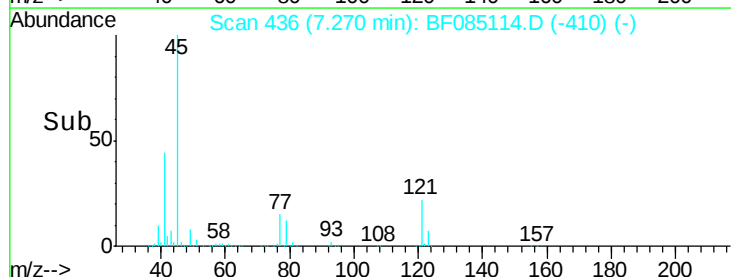
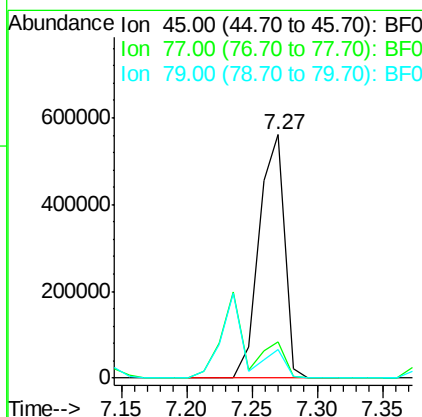
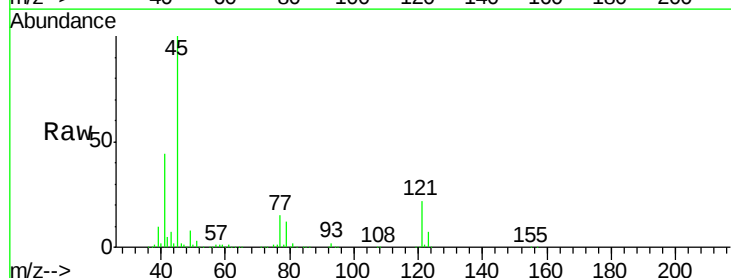
RT: 7.27 min Scan# 436

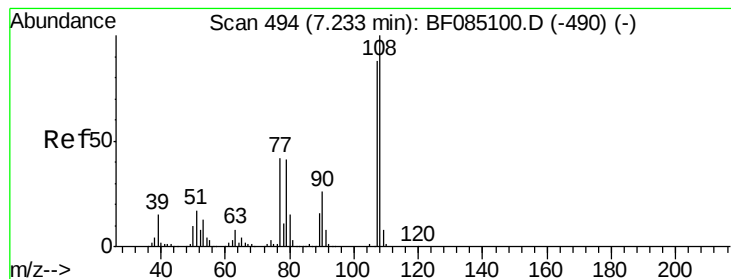
Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

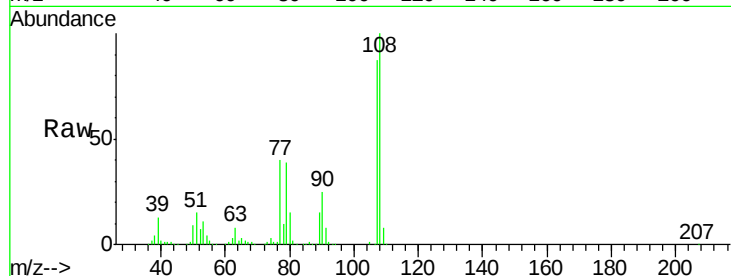
Tgt Ion:	45	Resp:	761075
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.4
79	11.6	0.0	31.1





#17
2-Methylphenol
Concen: 43.06 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

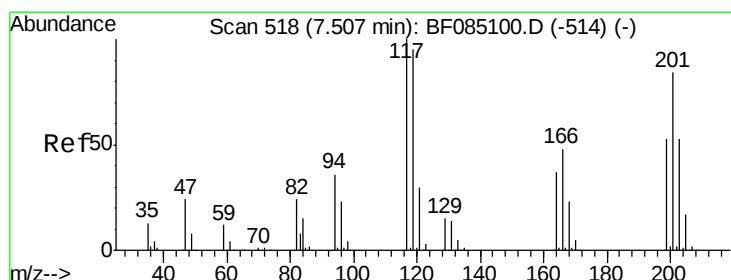
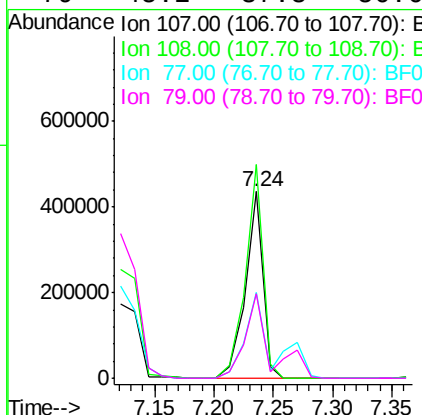
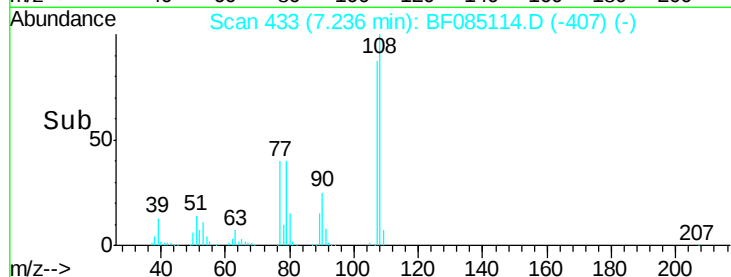
Instrument :
BNA_F
ClientSampleId :
PB88622BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	450758		
108	114.5	91.4	137.2	
77	45.7	38.7	58.1	
79	45.2	37.8	56.6	

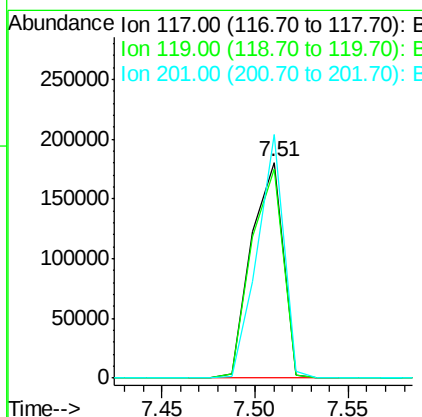
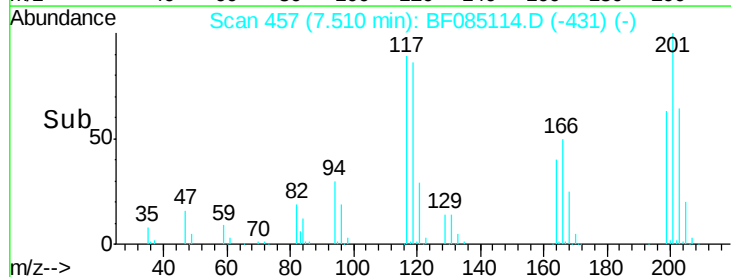
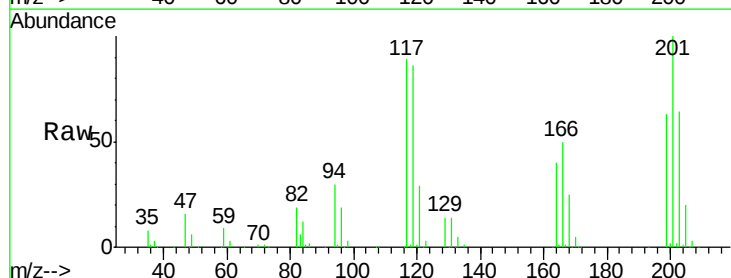
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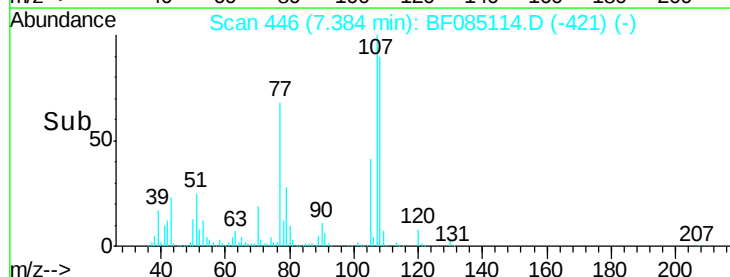
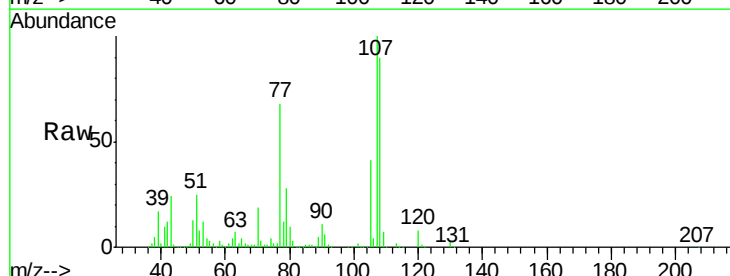
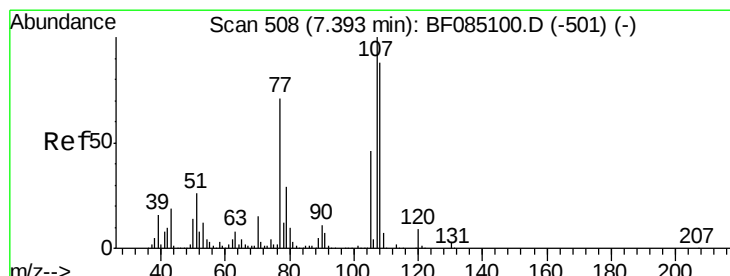
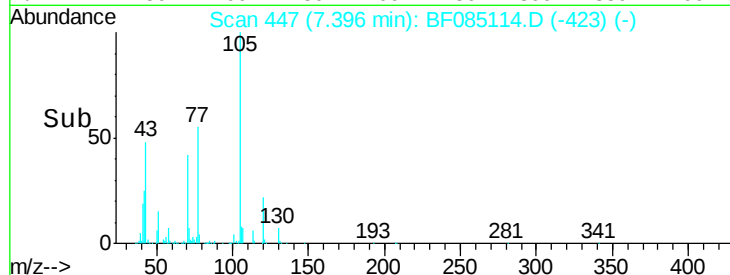
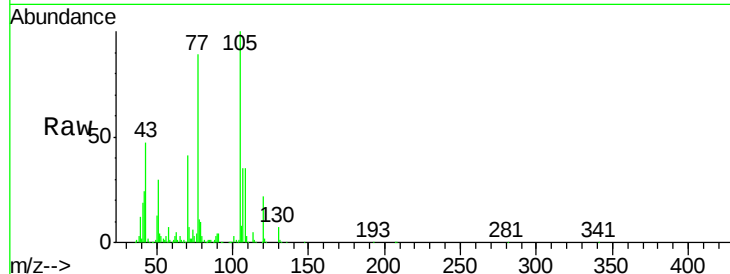
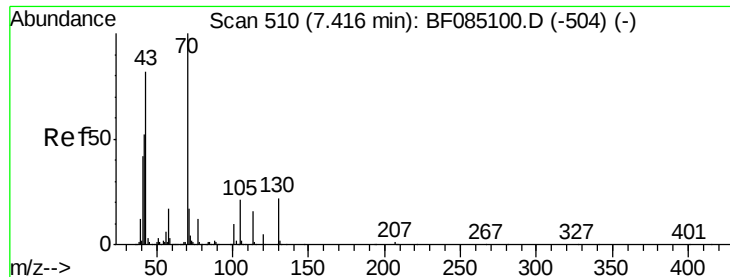
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#18
Hexachloroethane
Concen: 41.86 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211629		
119	96.7	76.2	114.4	
201	112.8	66.8	100.2#	





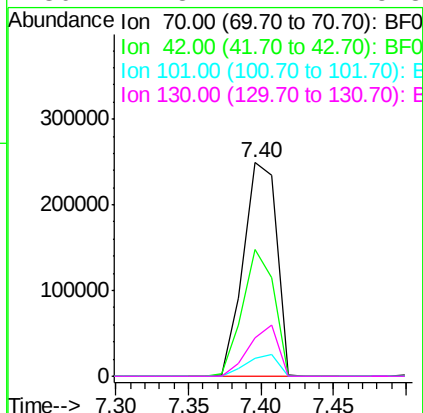
#19
n-Nitroso-di-n-propylamine
Concen: 42.39 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.2	41.9	62.9
101	8.5	7.8	11.8
130	17.8	17.2	25.8

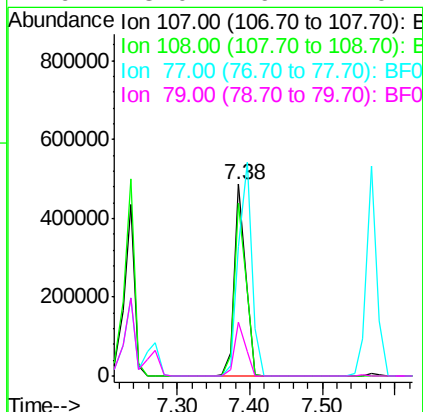
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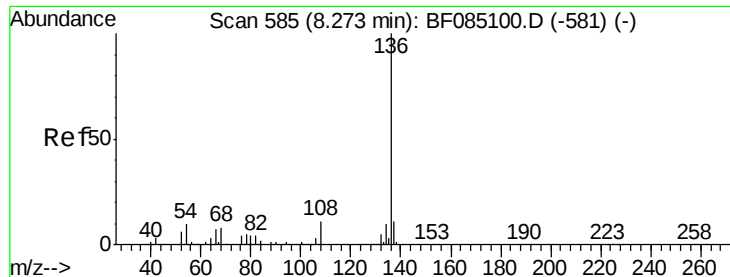
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#20
3+4-Methylphenols
Concen: 42.21 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	67.7	50.6	90.6
79	28.0	9.1	49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085114.D

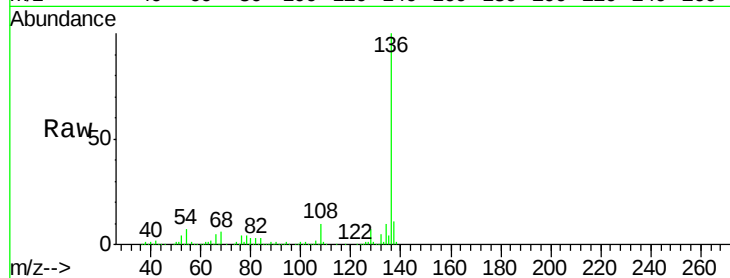
Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

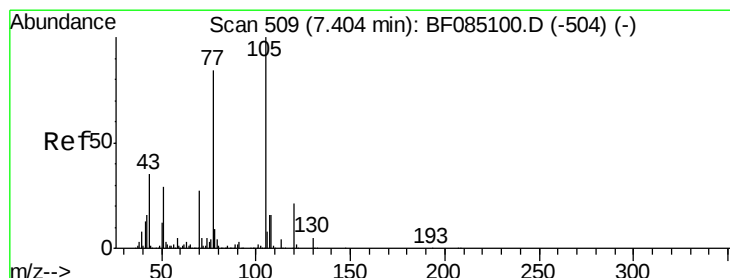
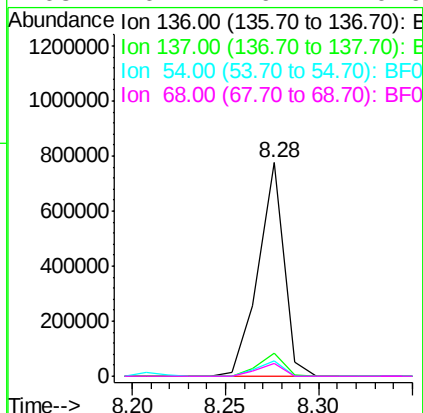
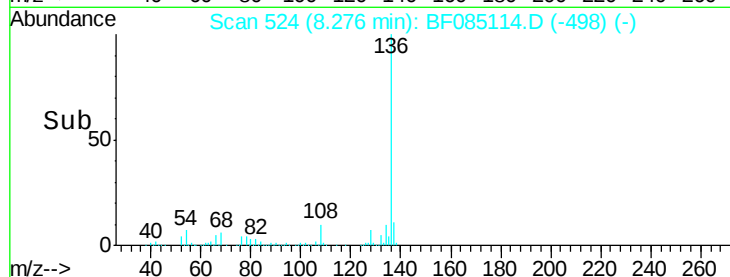
PB88622BS



Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	8.5	12.7#
68	6.1	6.4	9.6#

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#22

Acetophenone

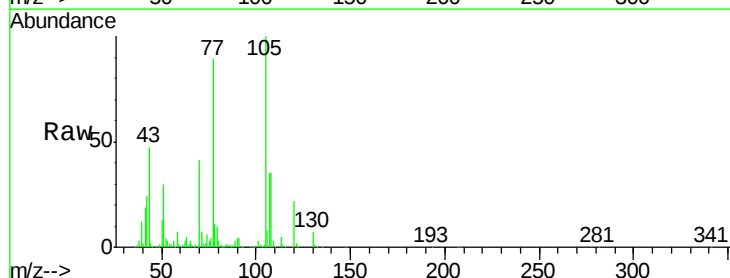
Concen: 36.36 ng

RT: 7.40 min Scan# 447

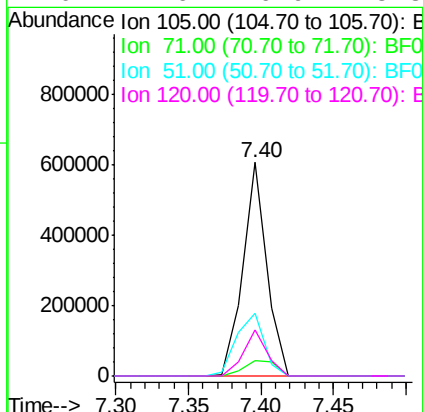
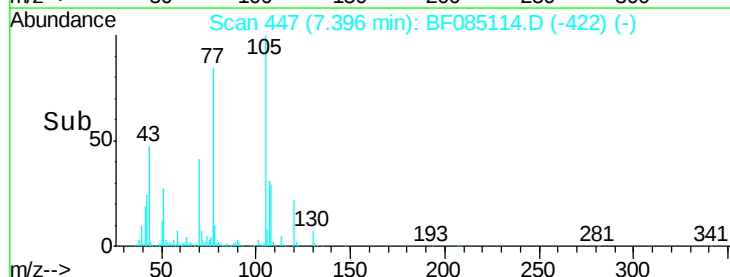
Delta R.T. -0.01 min

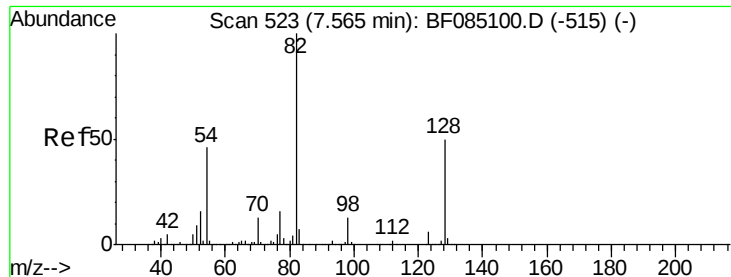
Lab File: BF085114.D

Acq: 2 Mar 2016 12:47



Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.1	3.8	5.6#
51	29.7	22.9	34.3
120	21.6	16.9	25.3





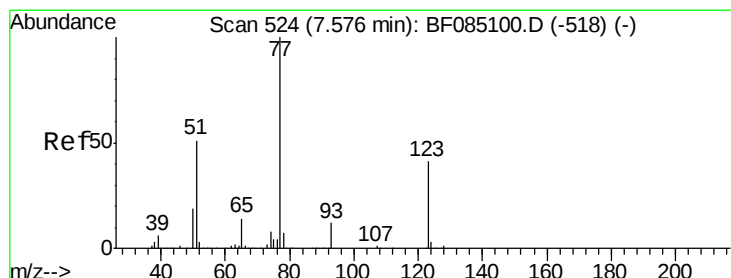
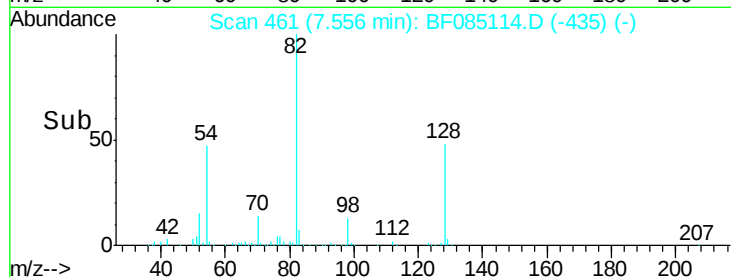
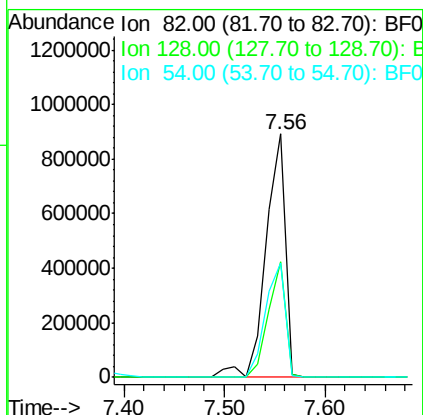
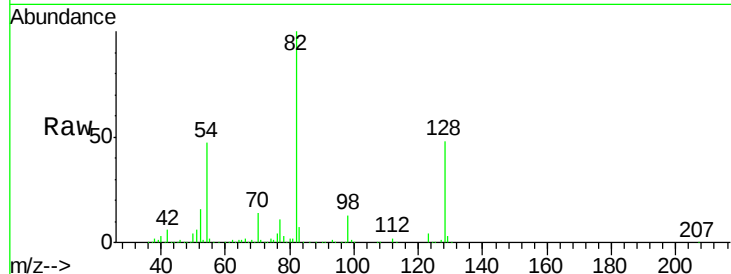
#23
 Nitrobenzene-d5
 Concen: 84.39 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.8	59.6
54	47.0	36.6	54.8

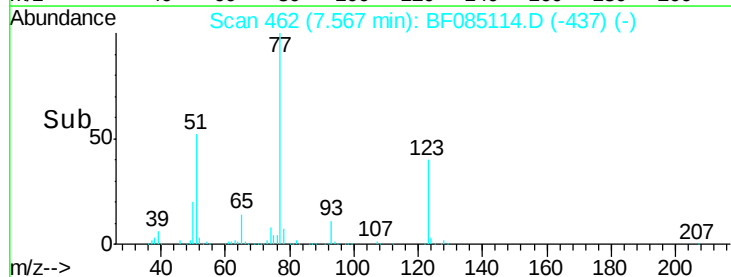
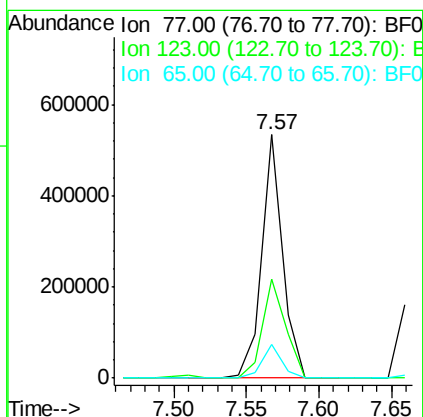
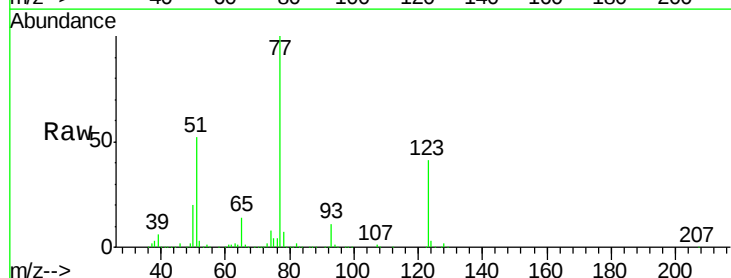
Manual Integrations
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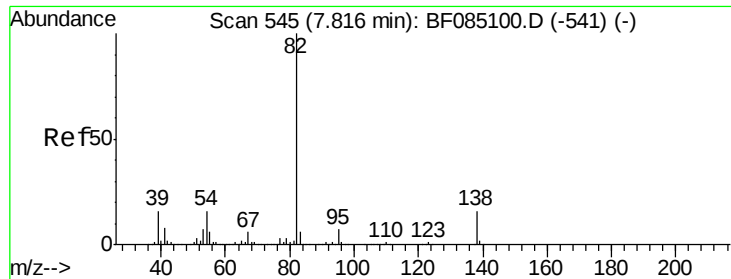
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#24
 Nitrobenzene
 Concen: 36.19 ng
 RT: 7.57 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	33.4	50.2
65	13.9	10.9	16.3





#25

Isophorone

Concen: 37.52 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS

Tgt Ion: 82 Resp: 1017861

Ion Ratio Lower Upper

82 100

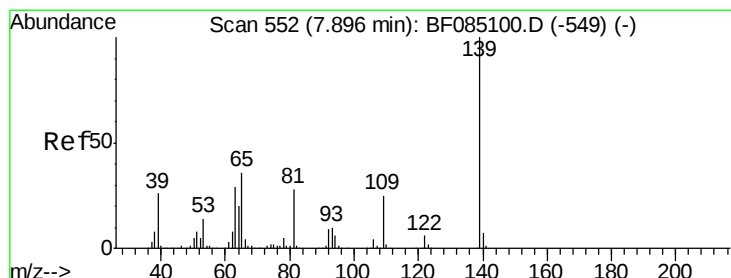
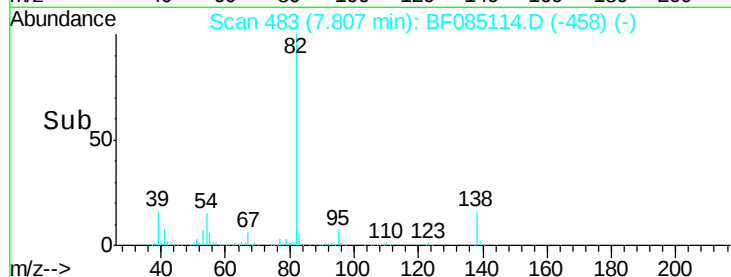
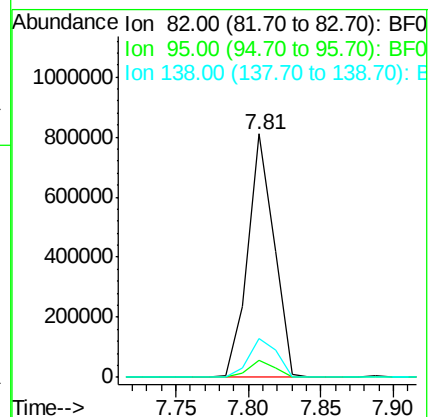
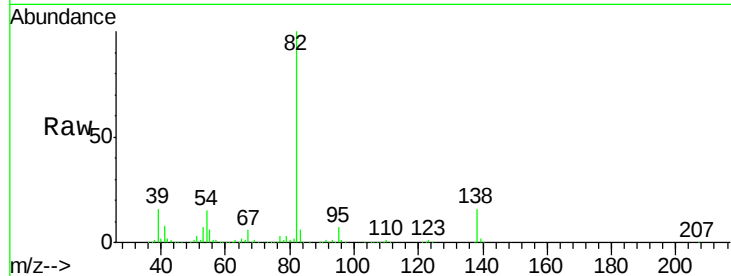
95 7.0 5.6 8.4

138 16.0 12.6 18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.68 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

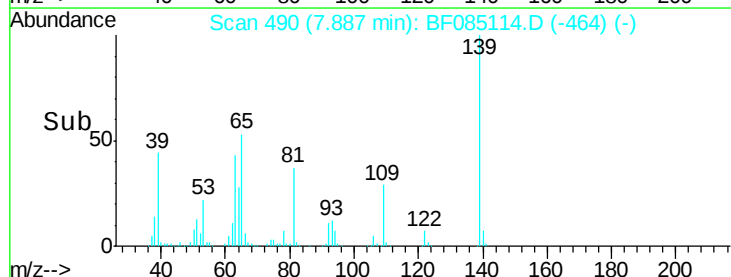
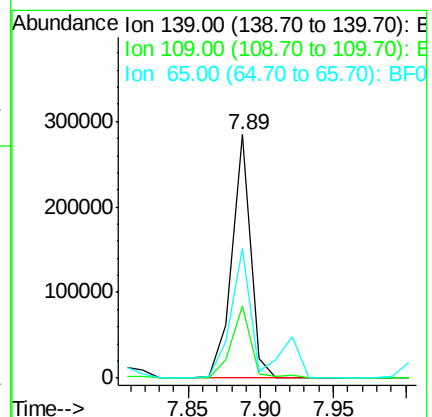
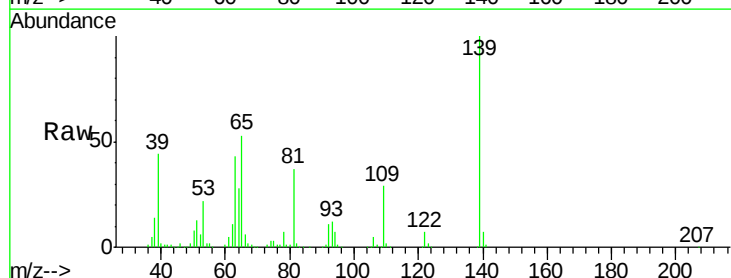
Tgt Ion: 139 Resp: 254455

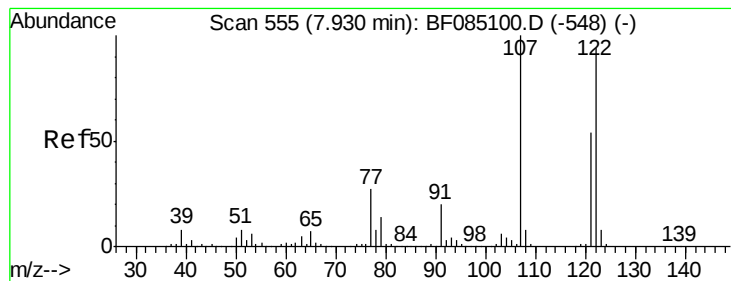
Ion Ratio Lower Upper

139 100

109 29.5 20.4 30.6

65 53.5 29.2 43.8#





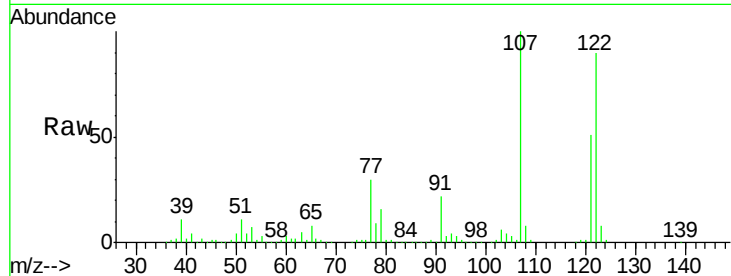
#27
2,4-Dimethylphenol
Concen: 42.63 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

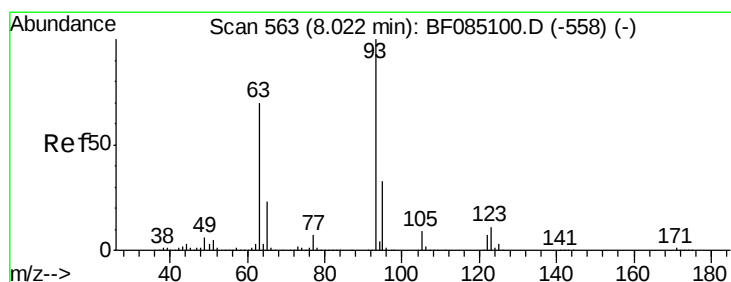
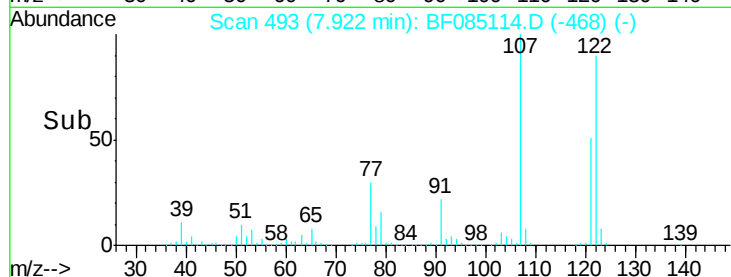
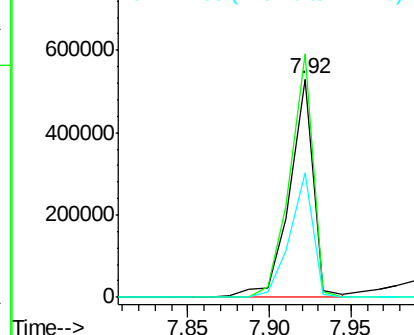
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	543490		
107	111.4	85.0	127.4	
121	57.1	45.8	68.8	

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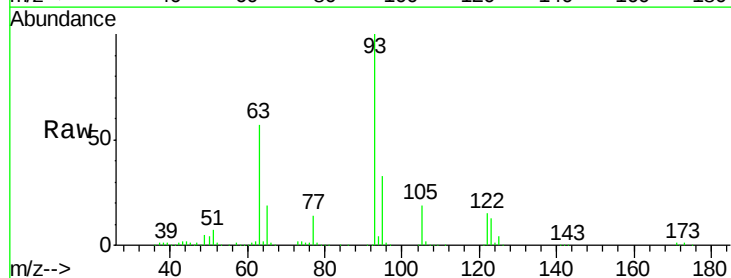


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

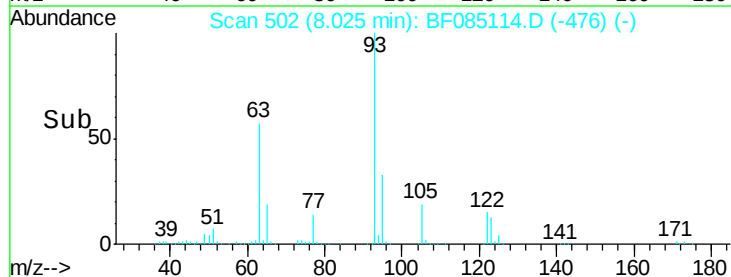
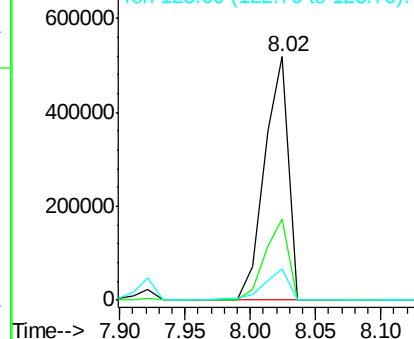


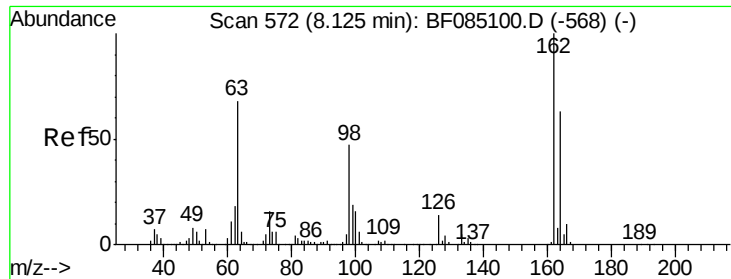
#28
bis(2-Chloroethoxy)methane
Concen: 43.66 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF085114.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	653191		
95	33.4	26.2	39.4	
123	12.9	8.8	13.2	



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





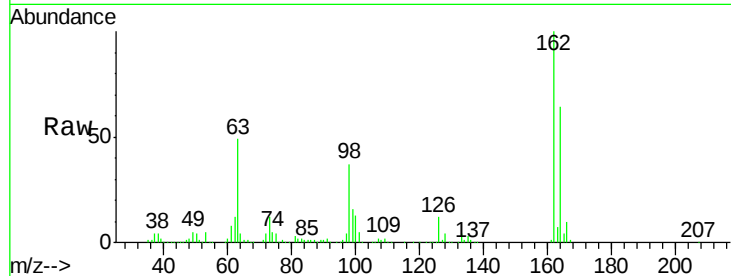
#29
2,4-Dichlorophenol
Concen: 43.49 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

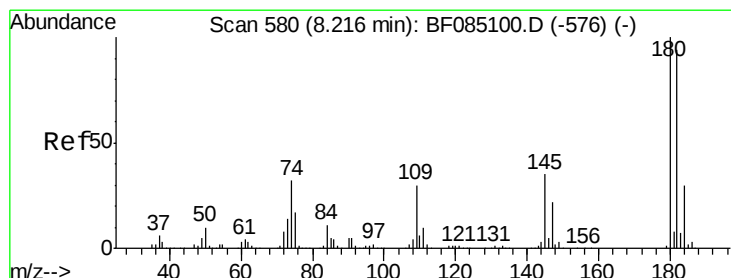
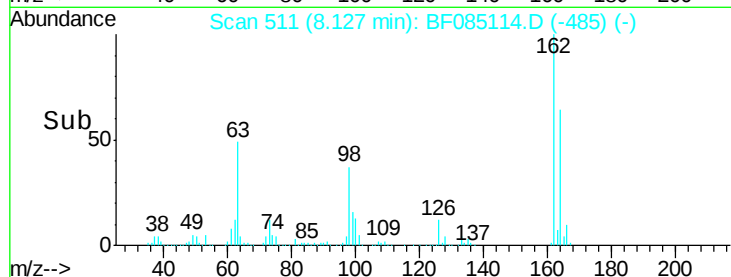
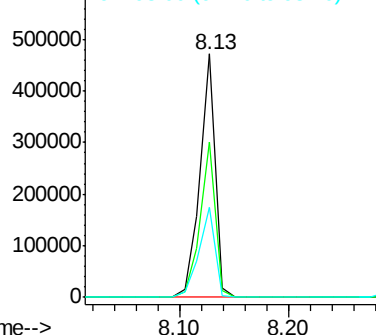
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	456149		
164	63.9	42.9	82.9	
98	37.2	26.9	66.9	

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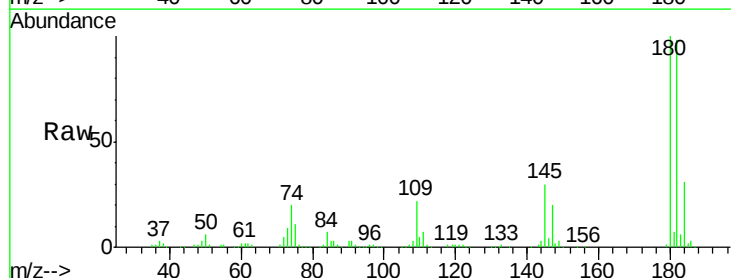


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

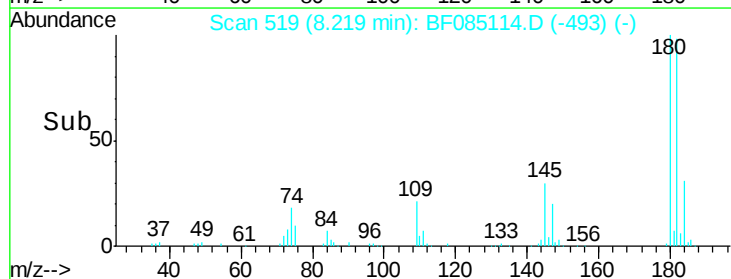
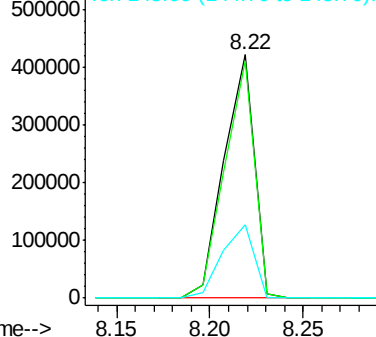


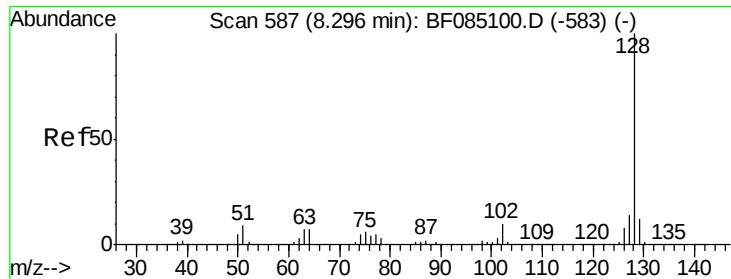
#30
1,2,4-Trichlorobenzene
Concen: 41.42 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473607		
182	97.6	75.4	113.0	
145	29.9	27.8	41.8	



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





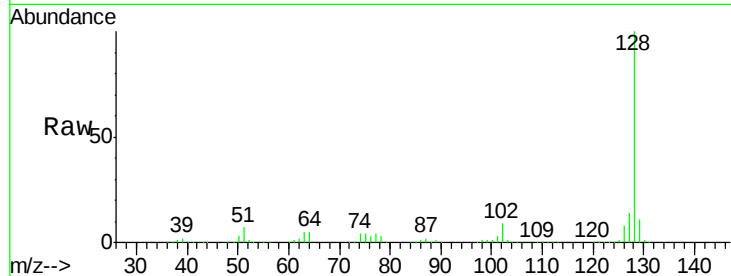
#31
Naphthalene
Concen: 40.96 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

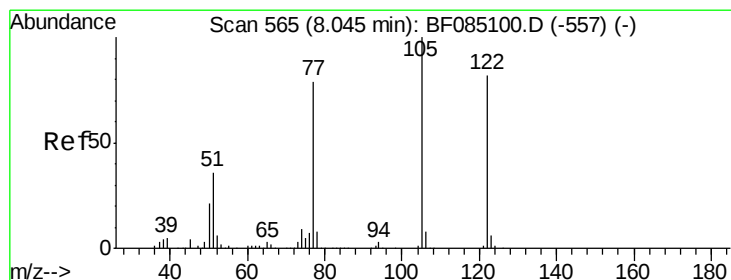
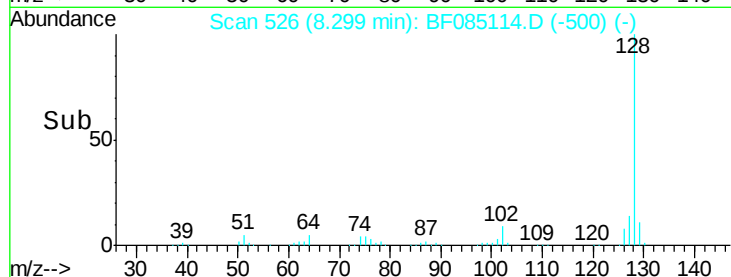
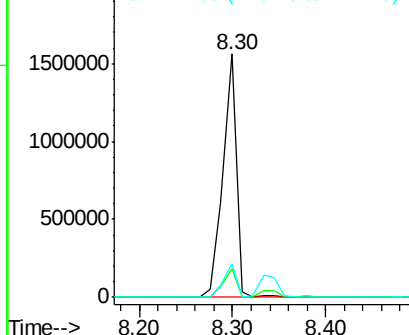
Tgt Ion:128 Resp: 1562998
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.6 11.1 16.7

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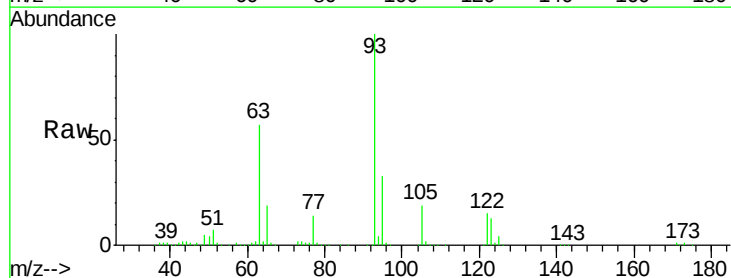


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

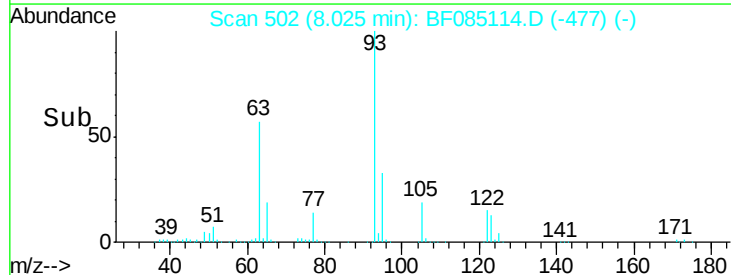
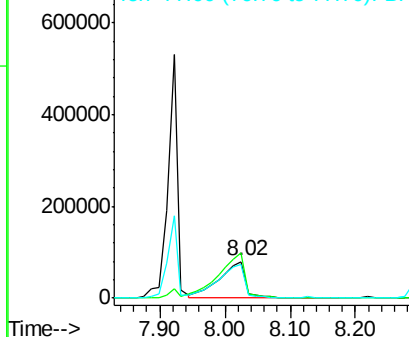


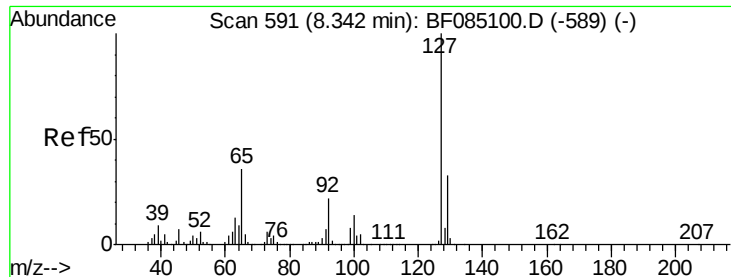
#32
Benzoic acid
Concen: 34.99 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:122 Resp: 225092
Ion Ratio Lower Upper
122 100
105 125.1 102.0 142.0
77 92.6 76.8 116.8



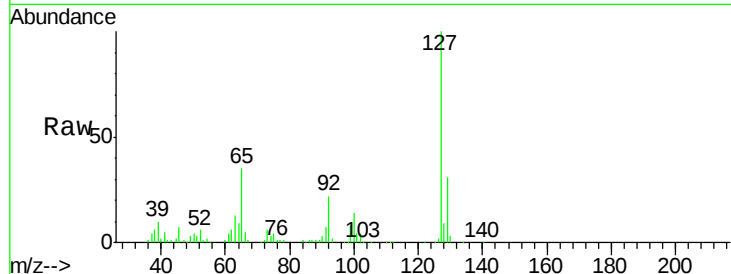
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 12.73 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

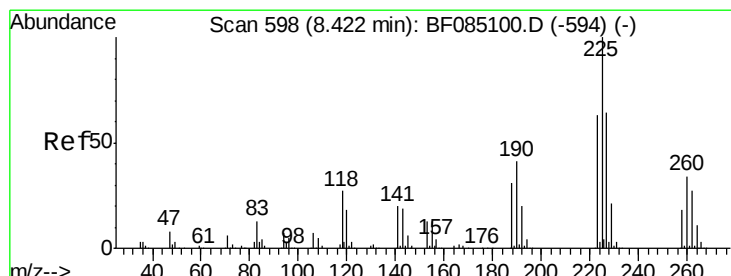
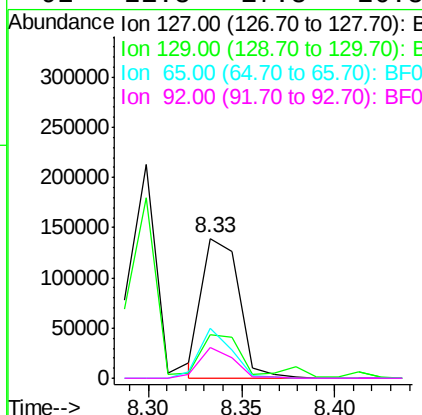
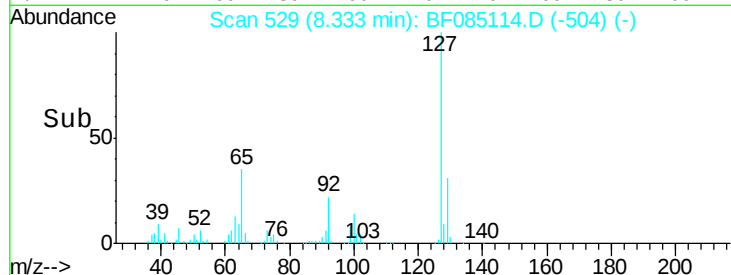
Instrument :
BNA_F
ClientSampleId :
PB88622BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	192069		
129	31.2	26.3	39.5	
65	35.5	28.6	43.0	
92	21.8	17.8	26.8	

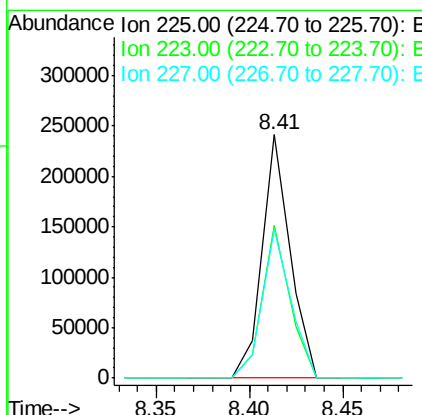
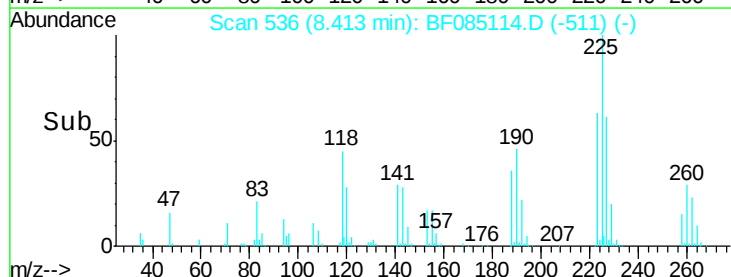
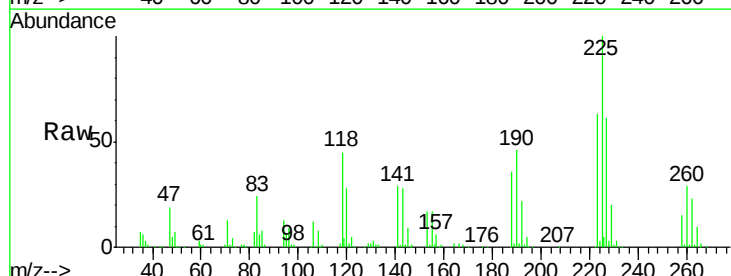
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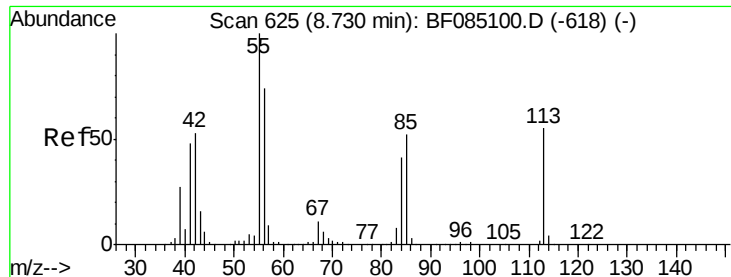
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#34
Hexachlorobutadiene
Concen: 37.53 ng
RT: 8.41 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF085114.D
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Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248951		
223	62.8	50.4	75.6	
227	61.2	51.6	77.4	





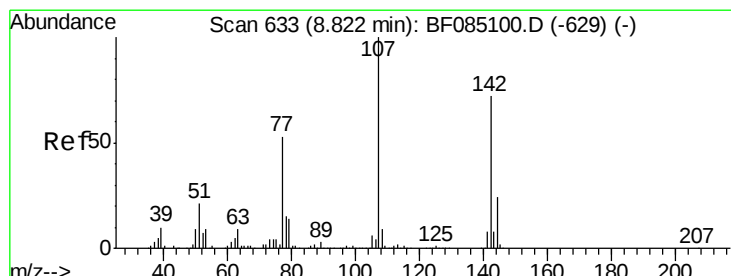
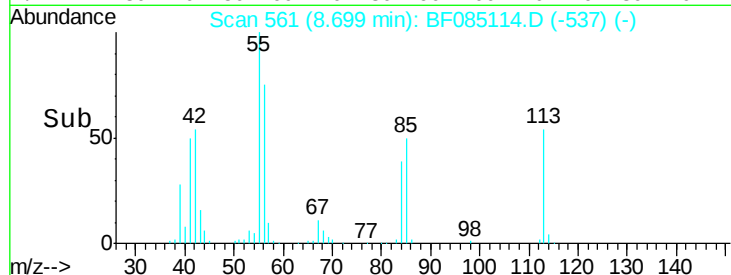
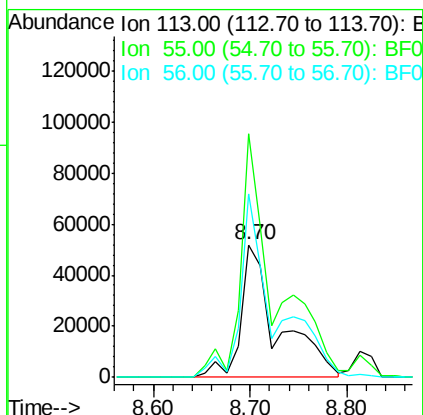
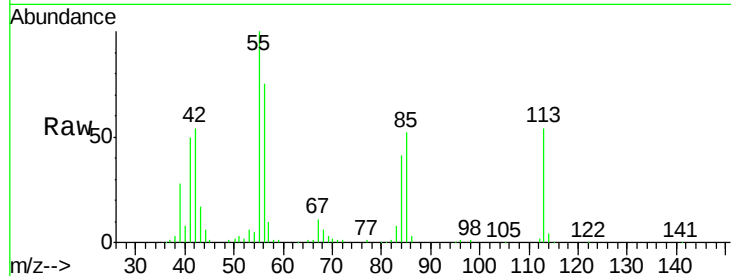
#35
 Caprolactam
 Concen: 42.08 ng m
 RT: 8.70 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion:113 Resp: 138545
 Ion Ratio Lower Upper
 113 100
 55 183.9 162.9 202.9
 56 138.6 114.5 154.5

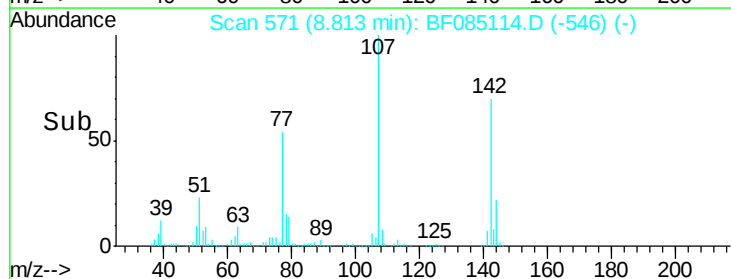
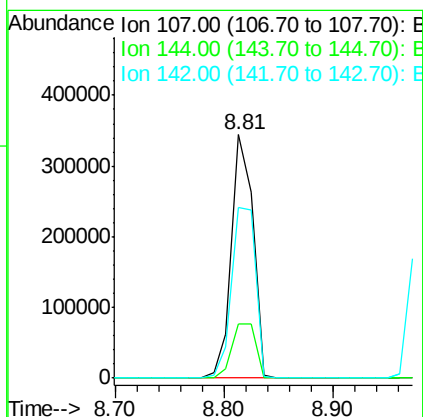
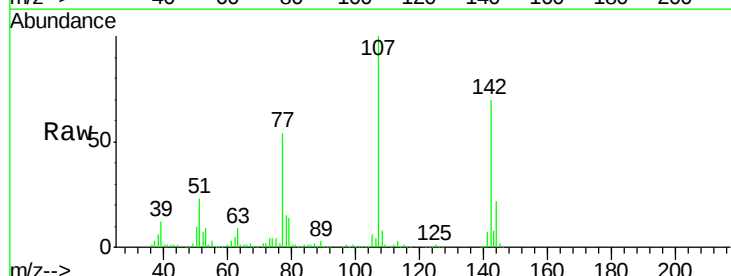
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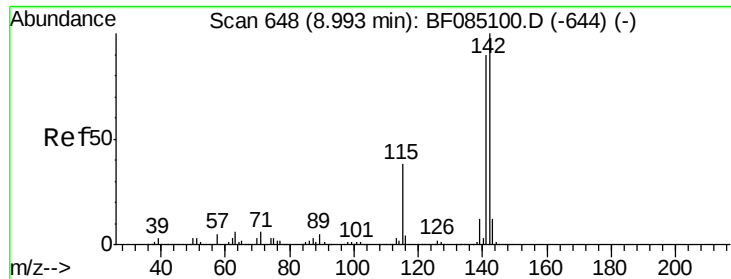
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#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:107 Resp: 469239
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.9 28.3
 142 69.9 57.9 86.9





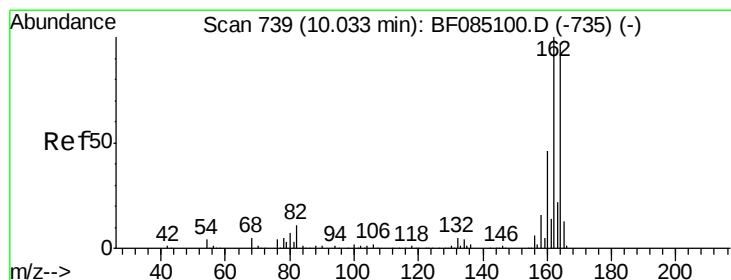
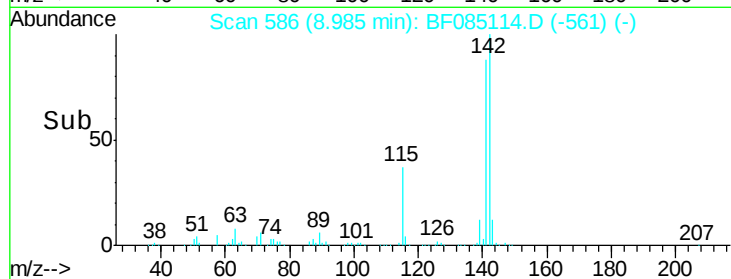
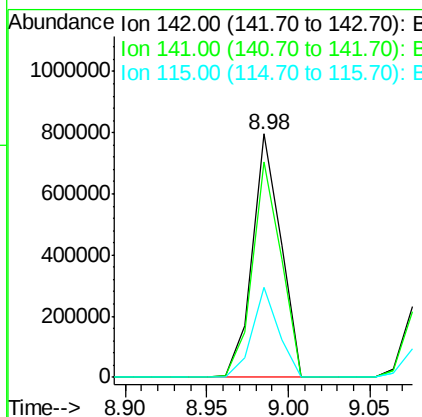
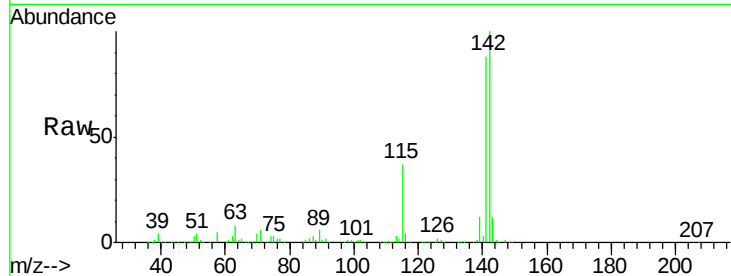
#37
2-Methylnaphthalene
Concen: 41.35 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	37.1	30.1	45.1

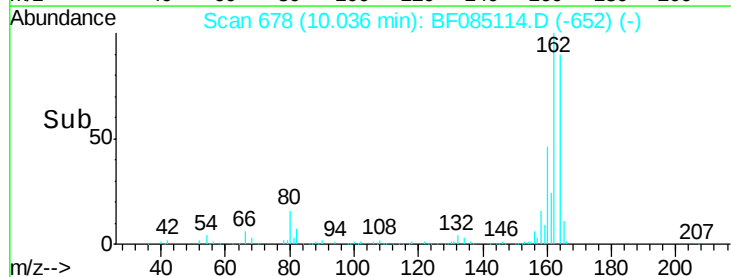
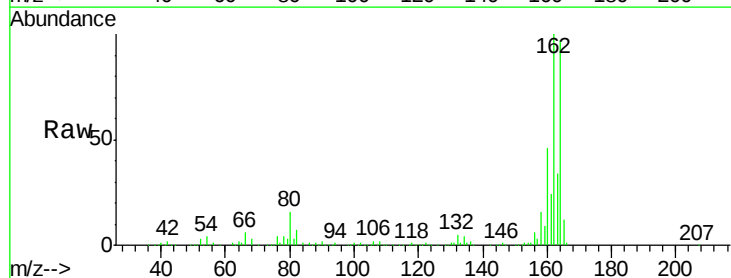
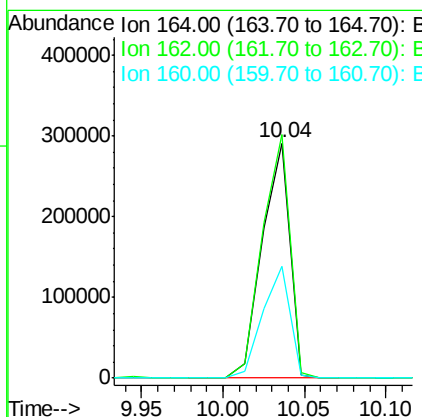
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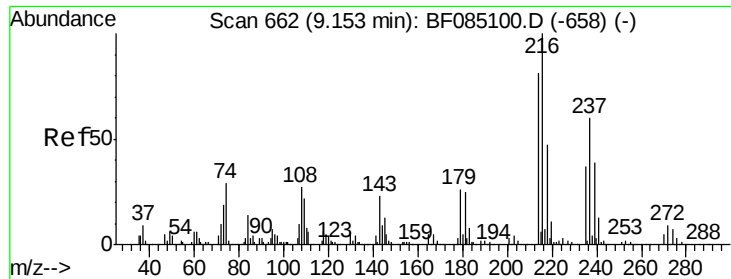
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

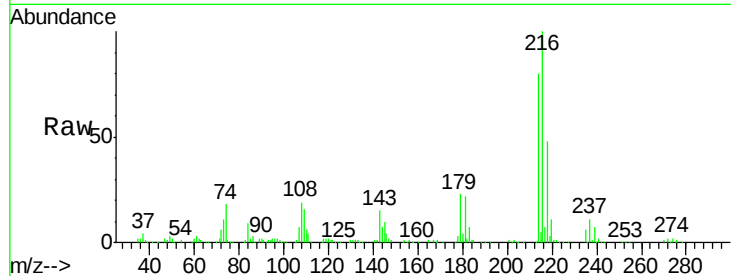
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	47.8	38.2	57.2





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.61 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

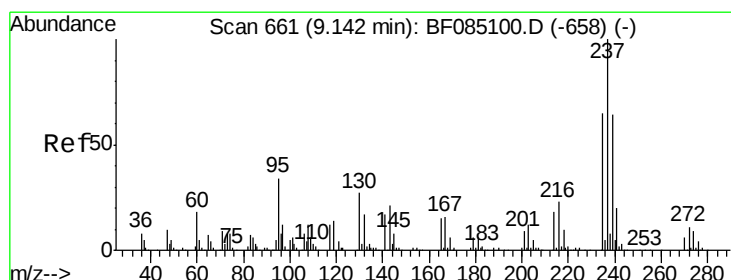
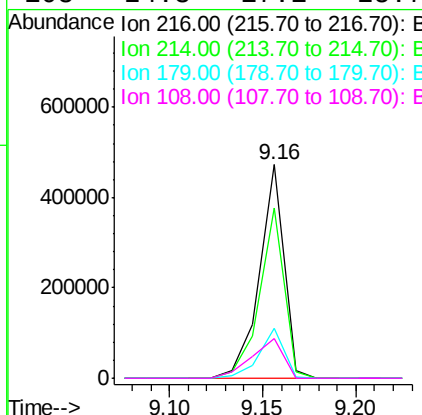
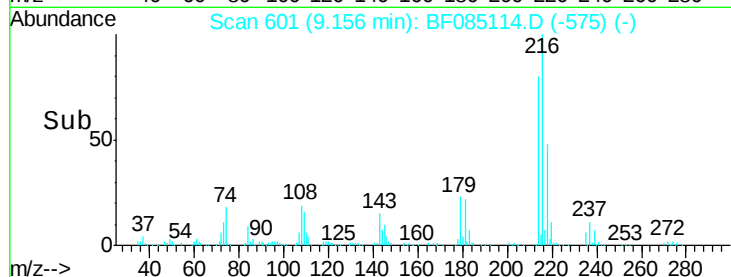
Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS



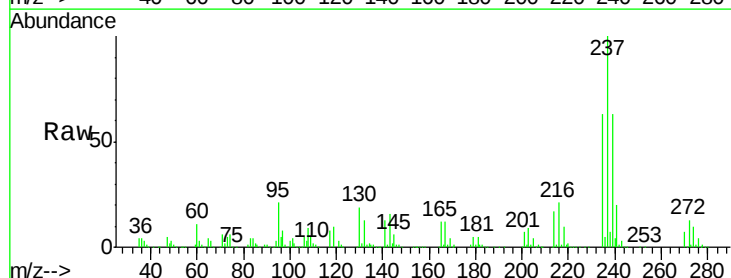
Tgt Ion:	216	Resp:	429149
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.7	95.5
179	23.1	18.1	27.1
108	24.3	17.1	25.7

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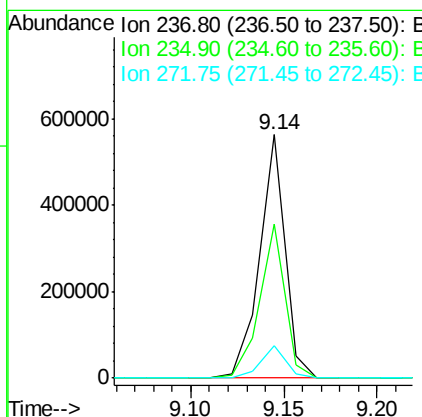
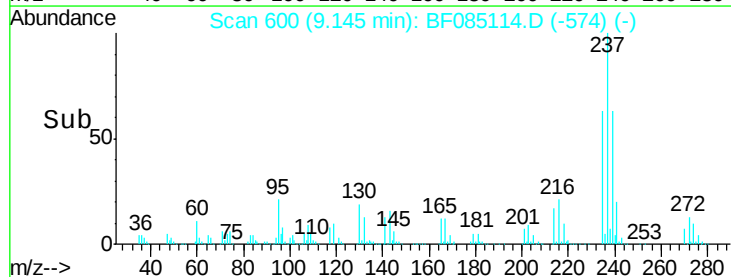
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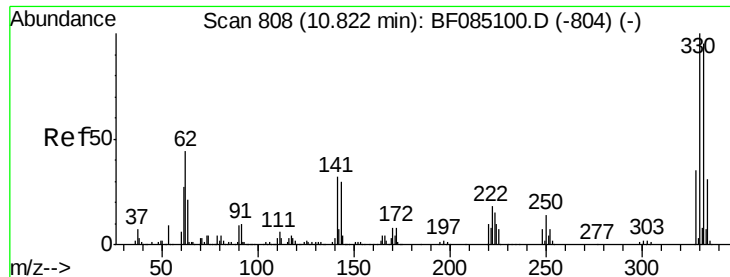


#40
 Hexachlorocyclopentadiene
 Concen: 87.63 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47



Tgt Ion:	237	Resp:	527238
Ion Ratio		Lower	Upper
237	100		
235	63.2	45.3	85.3
272	13.1	0.0	31.2





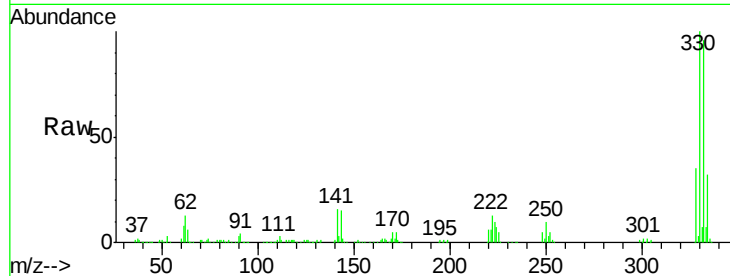
#41
 2,4,6-Tribromophenol
 Concen: 156.14 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

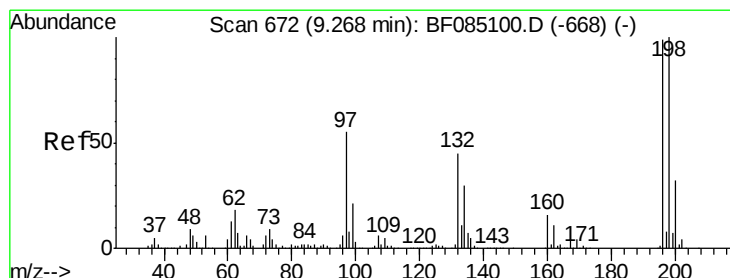
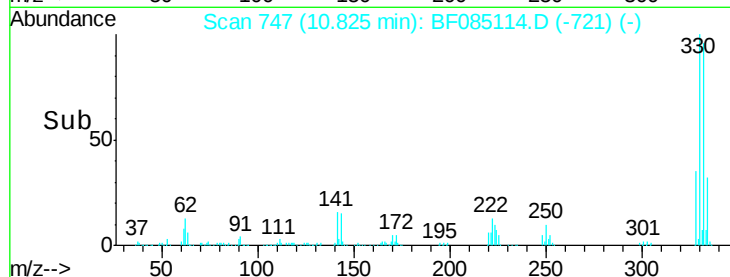
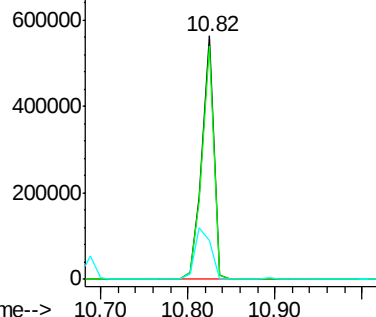
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	538463		
332	96.0	75.9	113.9	
141	29.0	28.9	43.3	

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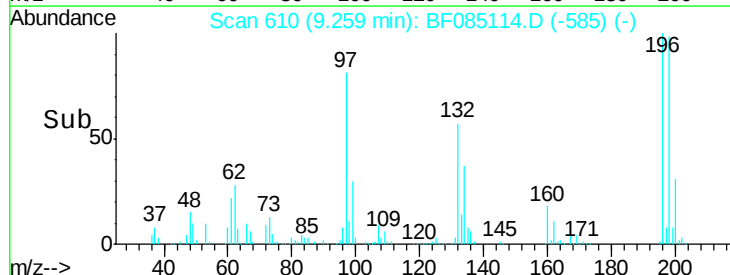
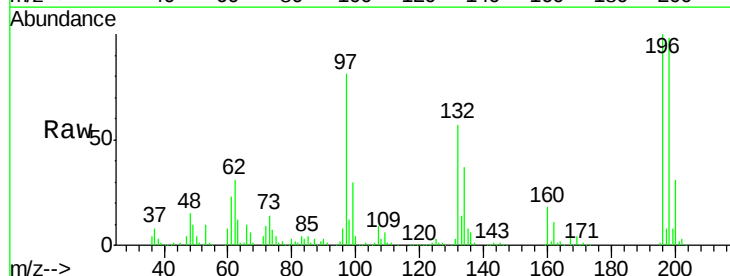
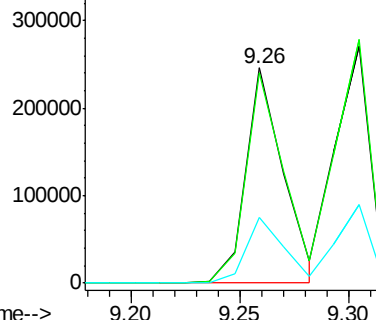
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

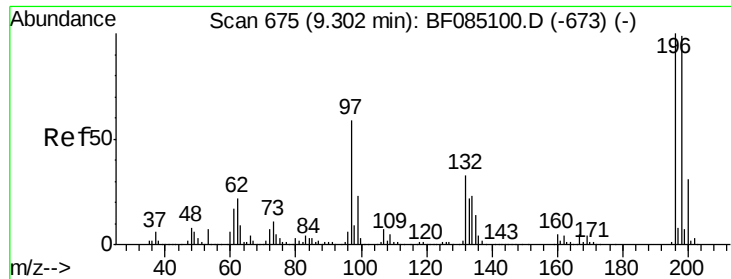


#42
 2,4,6-Trichlorophenol
 Concen: 41.74 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296989		
198	97.6	80.4	120.6	
200	30.6	25.8	38.8	

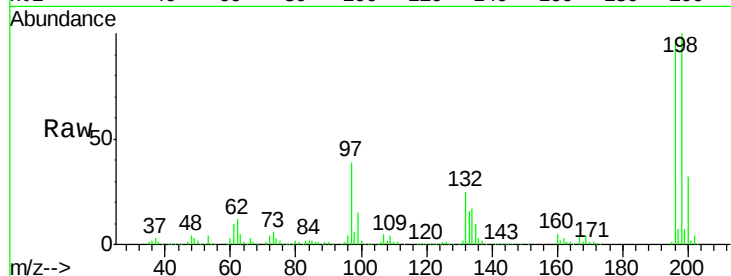
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.66 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

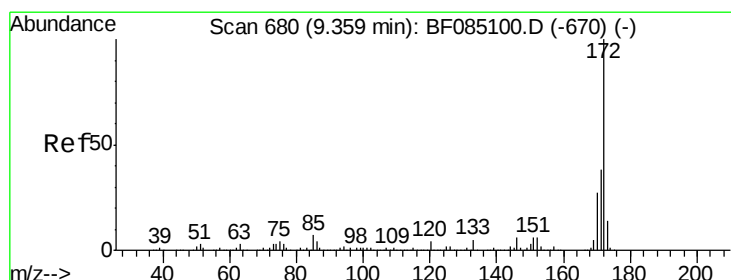
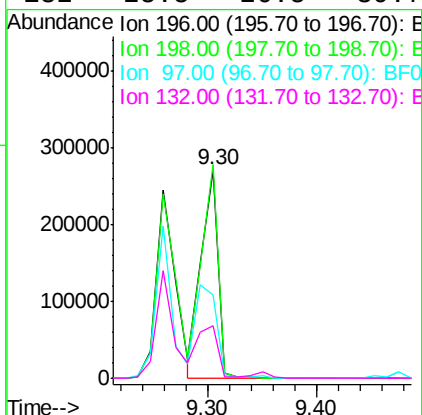
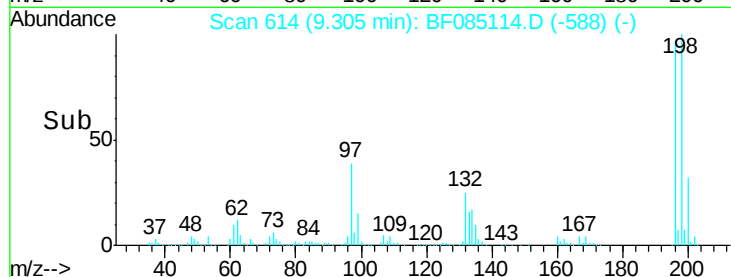
Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297658		
198	102.9	79.5	119.3	
97	40.3	47.3	70.9	
132	25.5	26.5	39.7	

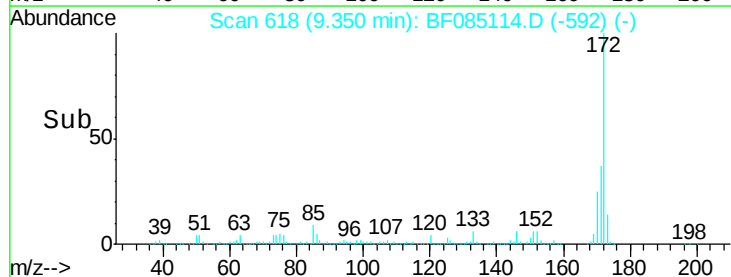
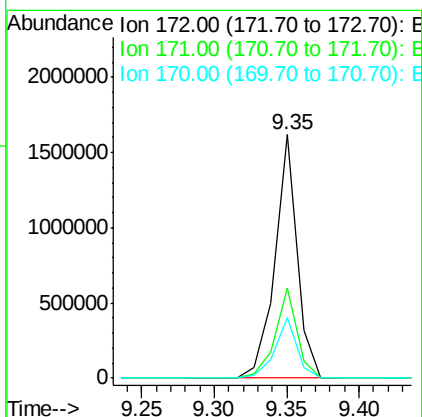
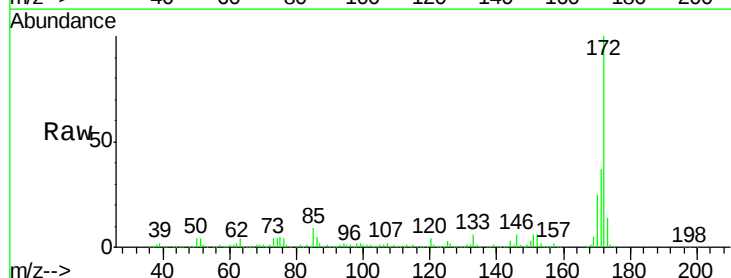
Manual Integrations
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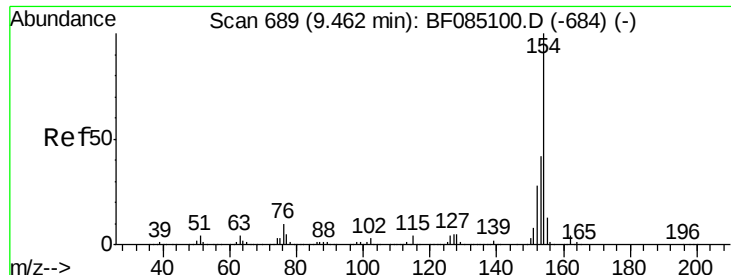
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#44
 2-Fluorobiphenyl
 Concen: 73.62 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1715274		
171	36.8	30.5	45.7	
170	25.0	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 39.67 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS

Tgt Ion:154 Resp: 1208323

Ion Ratio Lower Upper

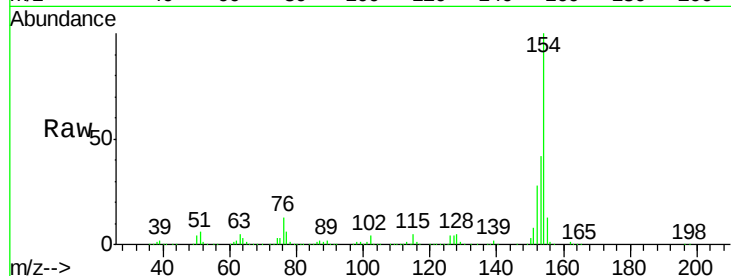
154 100

153 41.6 21.5 61.5

76 13.4 0.0 29.7

Manual Integrations
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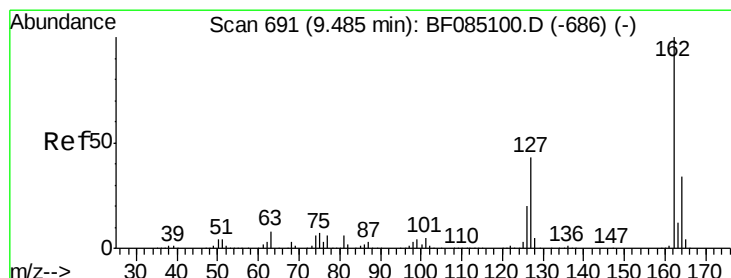
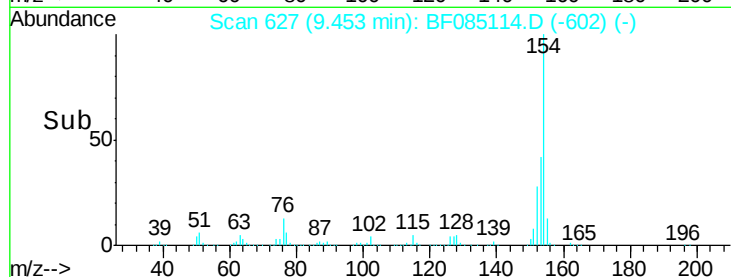
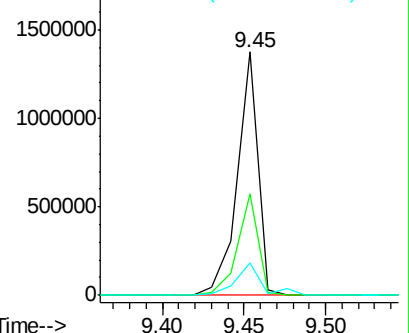
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.03 ng

RT: 9.48 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

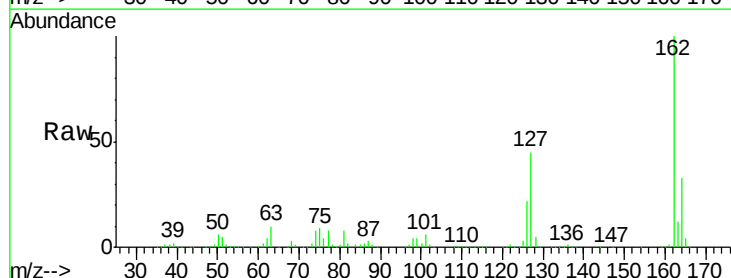
Tgt Ion:162 Resp: 867164

Ion Ratio Lower Upper

162 100

127 45.2 34.2 51.4

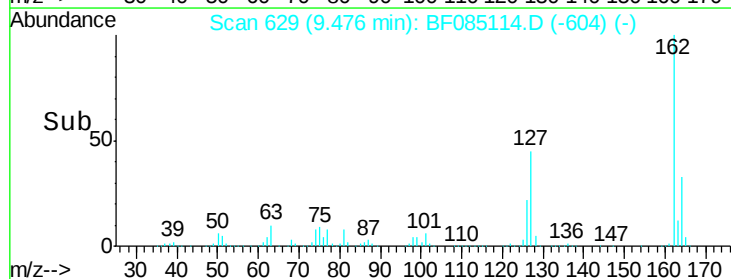
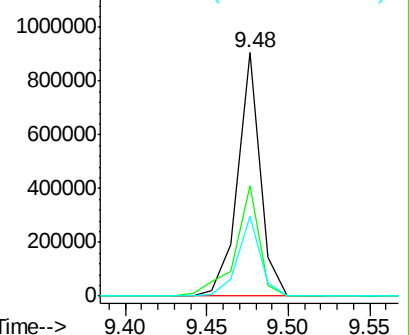
164 33.0 27.2 40.8

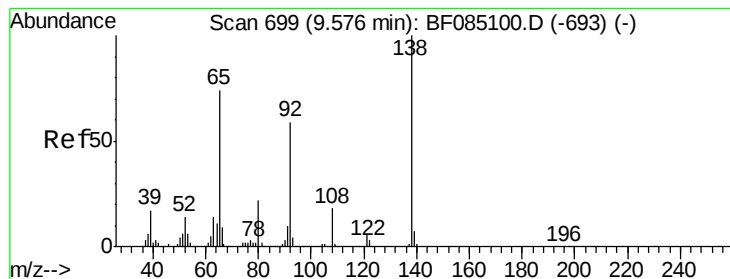


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





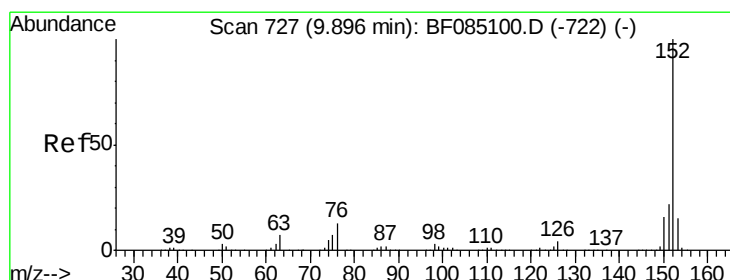
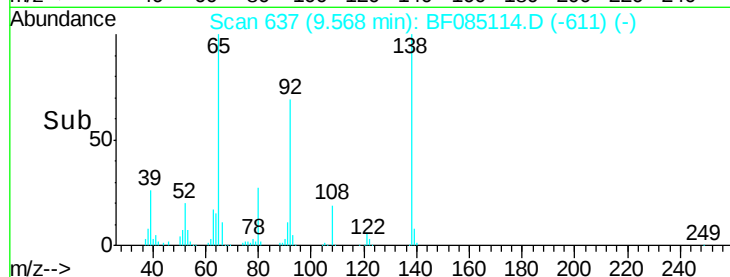
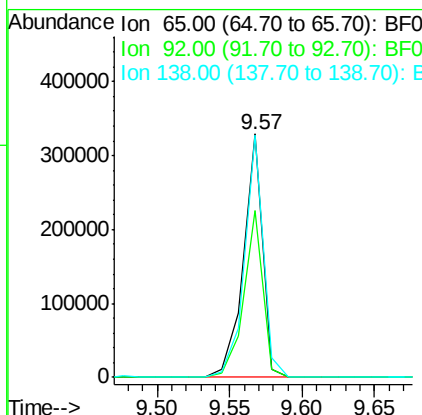
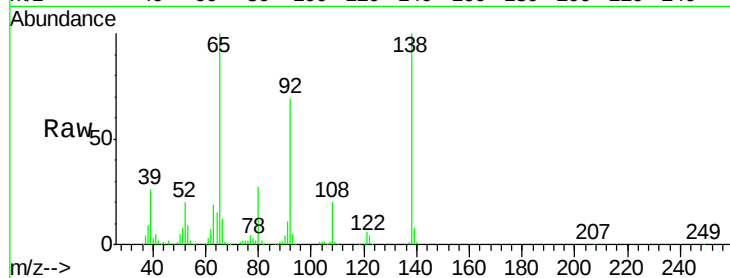
#47
2-Nitroaniline
Concen: 43.12 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	300738		
92	68.7	63.8	95.6	
138	99.8	108.5	162.7	

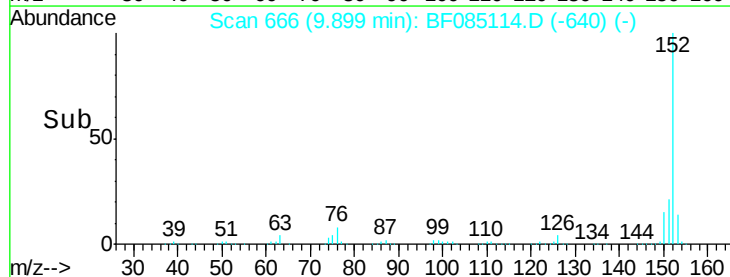
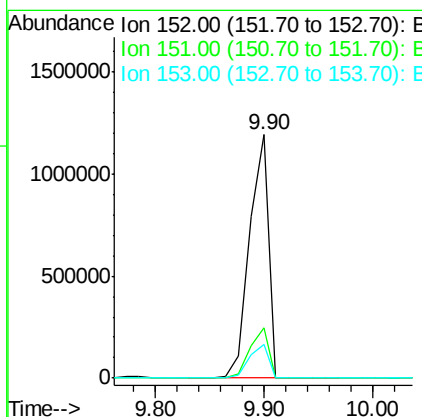
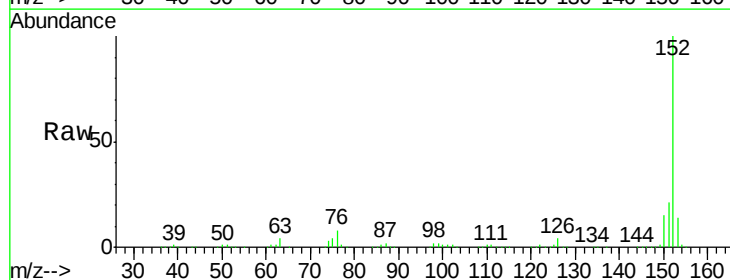
Manual Integrations
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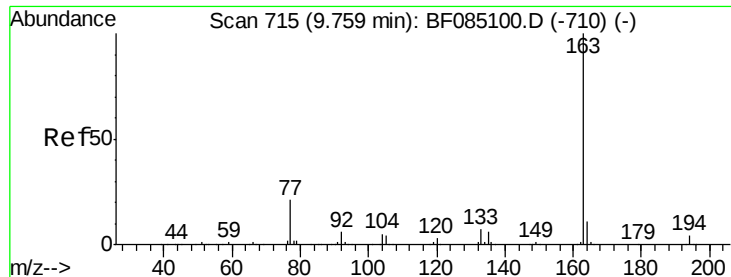
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#48
Acenaphthylene
Concen: 43.82 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1446994		
151	20.6	17.4	26.0	
153	13.8	12.0	18.0	





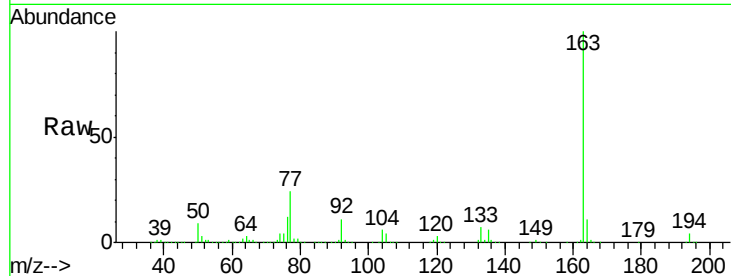
#49
Dimethylphthalate
Concen: 39.37 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

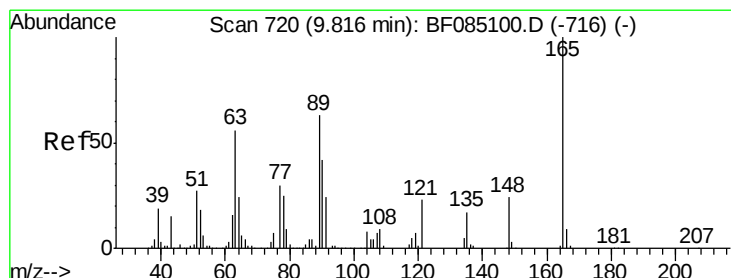
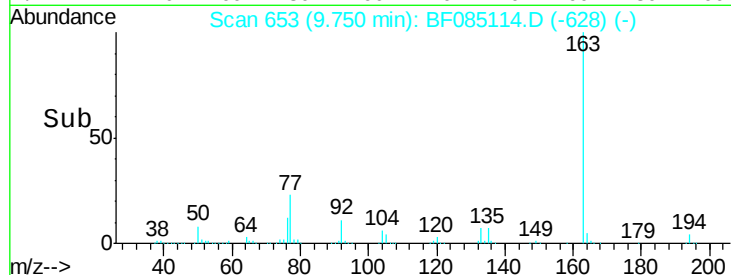
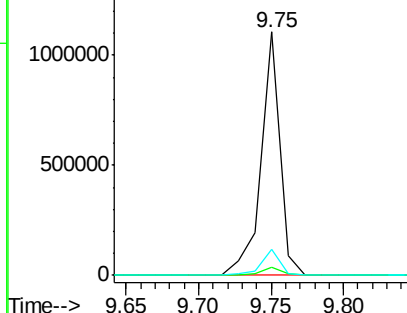
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.9	8.6	12.8

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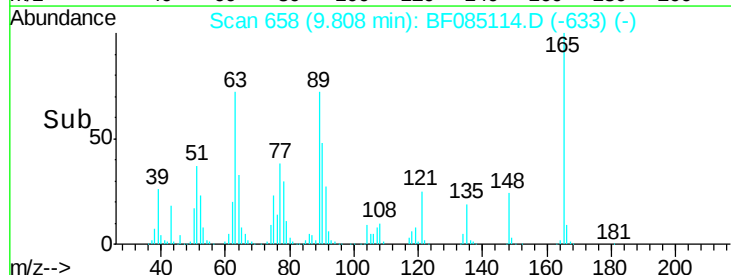
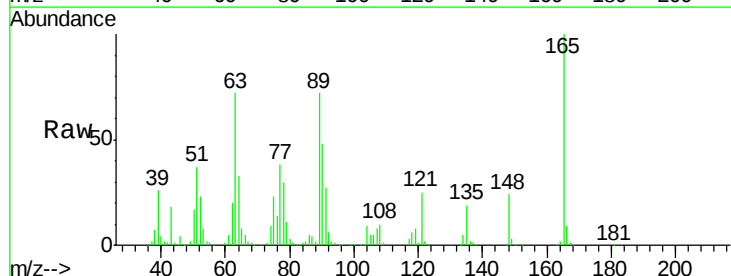
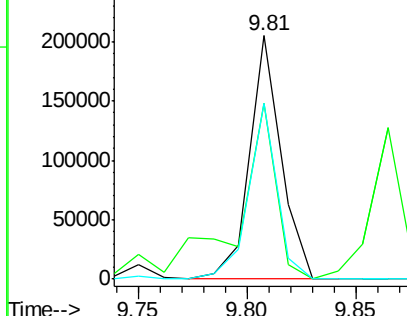
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

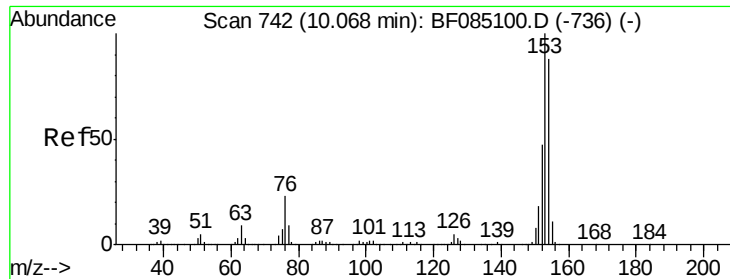


#50
2,6-Dinitrotoluene
Concen: 39.14 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.1	47.4	71.2#
89	72.3	50.2	75.2

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: 48.06 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085114.D

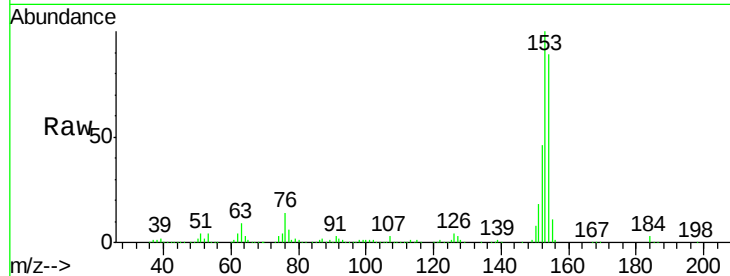
Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

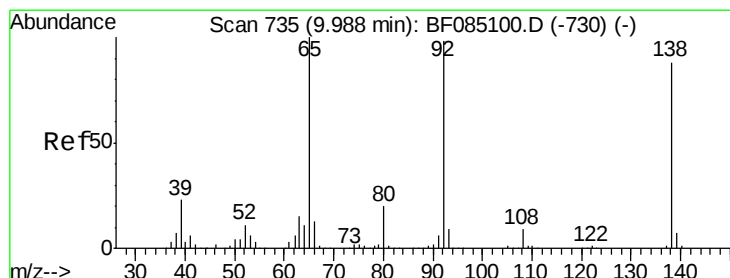
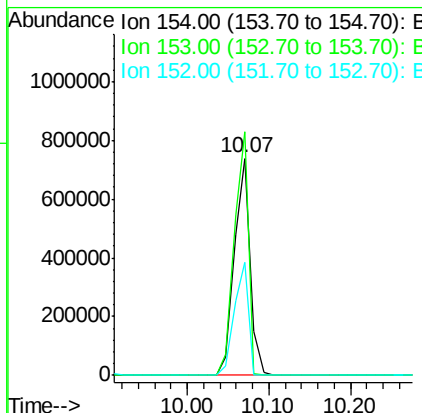
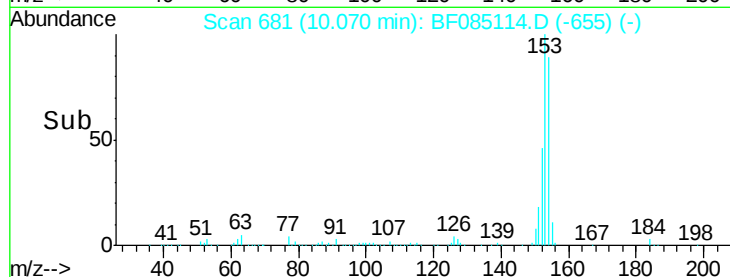
PB88622BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	996259		
153	112.2	91.0	136.6	
152	52.1	43.0	64.6	

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#52

3-Nitroaniline

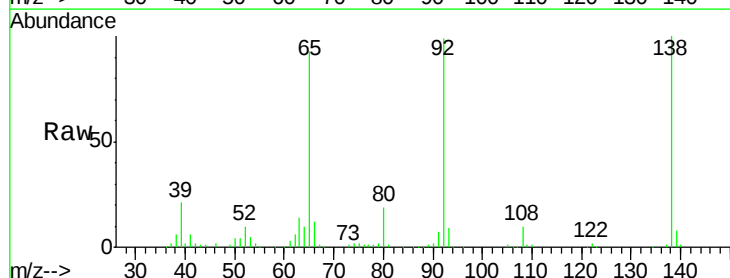
Concen: 22.72 ng

RT: 9.98 min Scan# 673

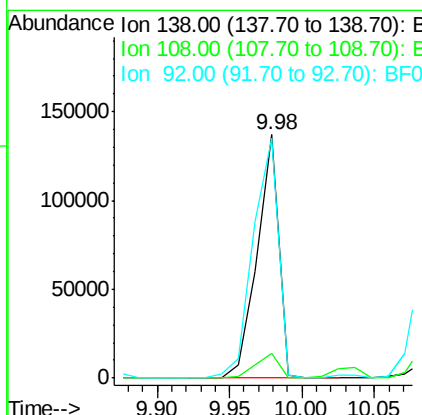
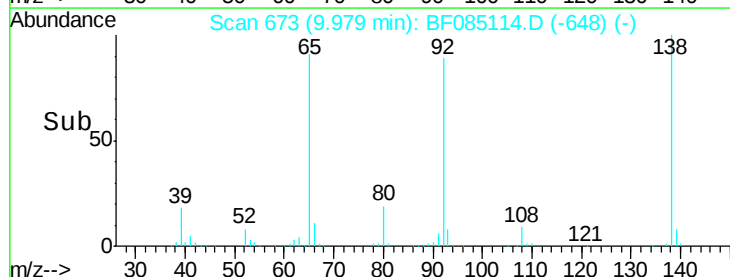
Delta R.T. -0.01 min

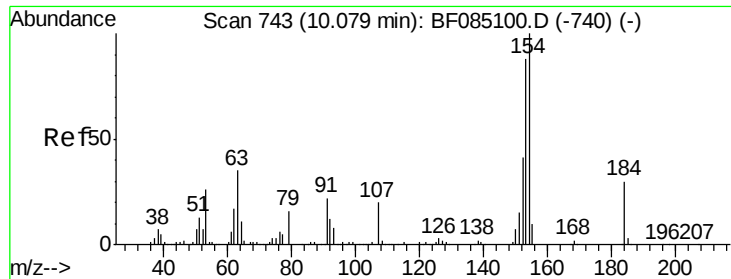
Lab File: BF085114.D

Acq: 2 Mar 2016 12:47



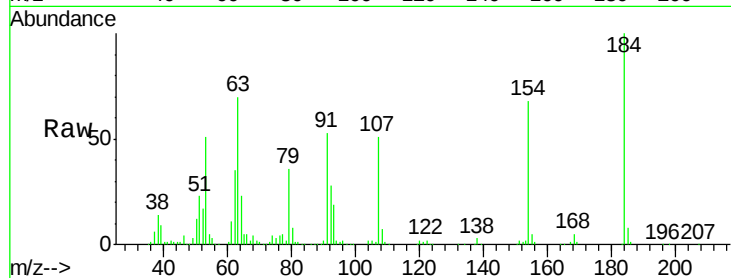
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142376		
108	10.1	8.2	12.2	
92	98.7	89.0	133.6	





#53
2,4-Dinitrophenol
Concen: 73.88 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

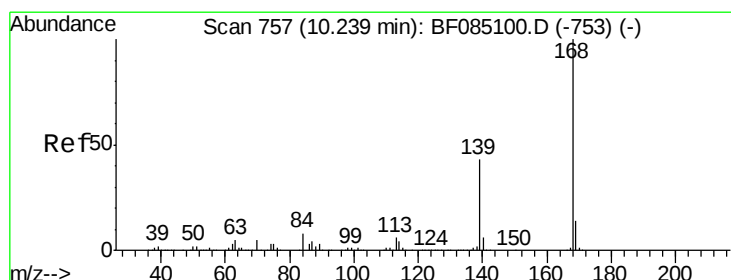
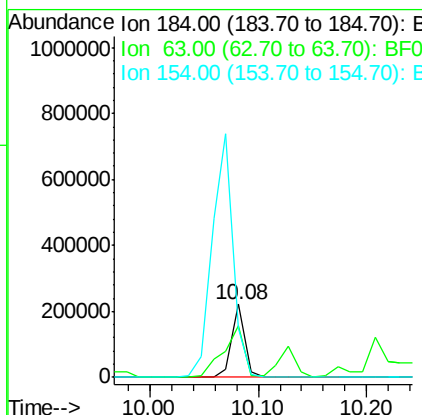
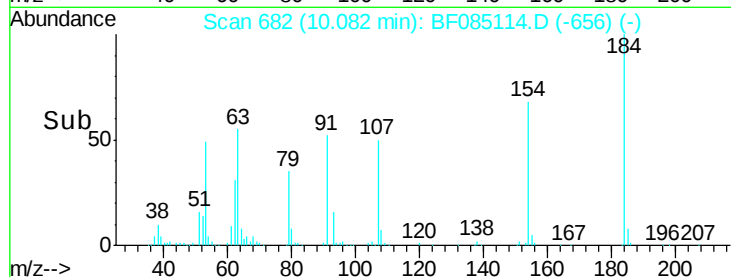
Instrument :
BNA_F
ClientSampled :
PB88622BS



Tgt Ion:184 Resp: 184537
Ion Ratio Lower Upper
184 100
63 70.2 94.0 141.0#
154 67.8 269.8 404.8#

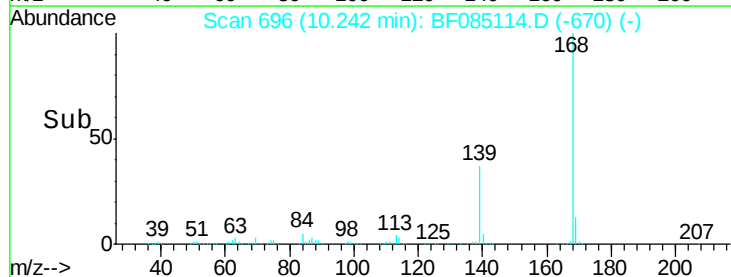
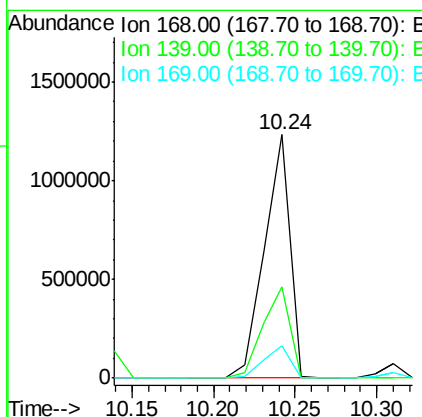
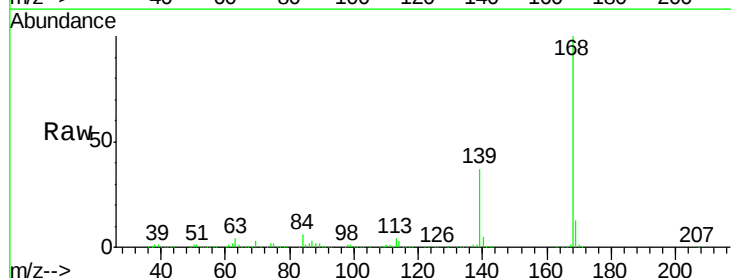
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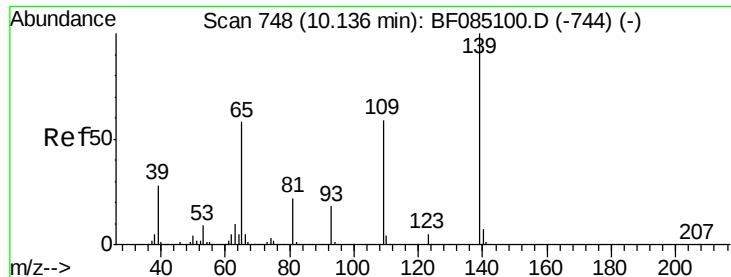
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#54
Dibenzofuran
Concen: 49.94 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:168 Resp: 1343844
Ion Ratio Lower Upper
168 100
139 37.5 34.2 51.2
169 13.4 11.4 17.2





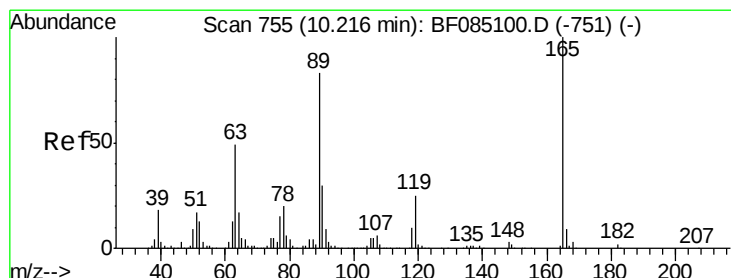
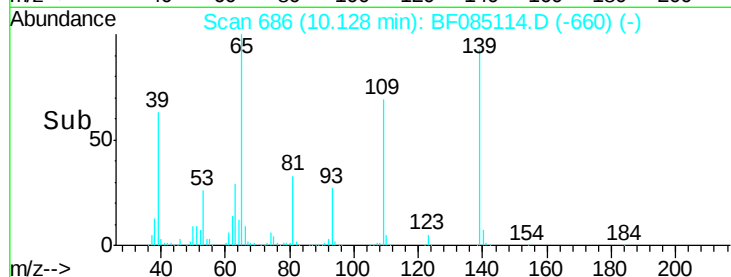
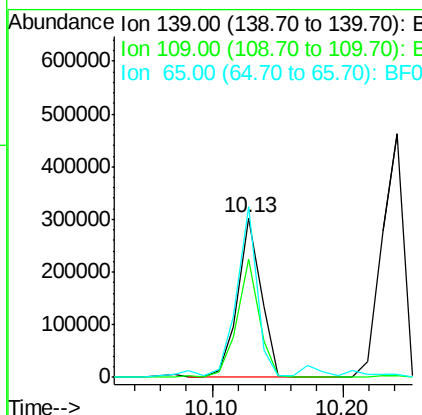
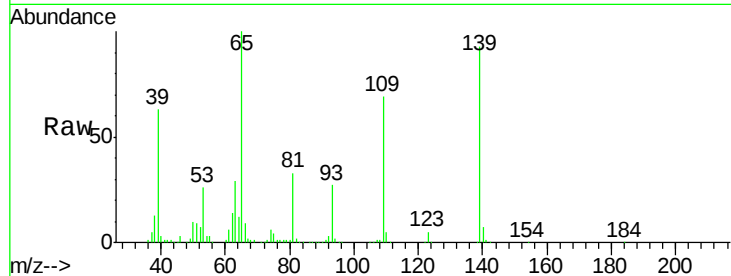
#55
4-Nitrophenol
Concen: 78.39 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	377003		
109	74.3	39.5	79.5	
65	107.1	38.4	78.4#	

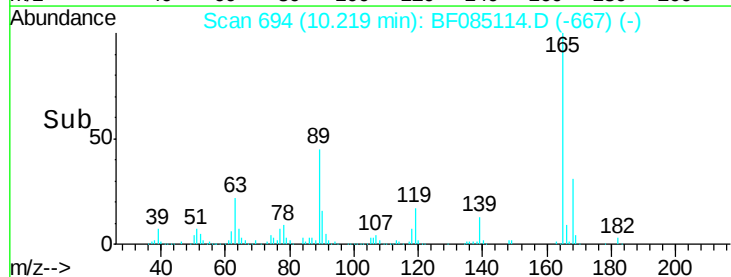
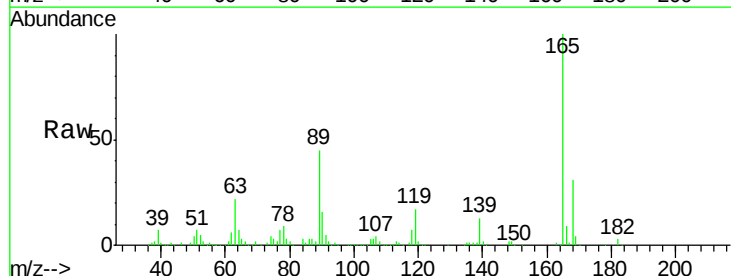
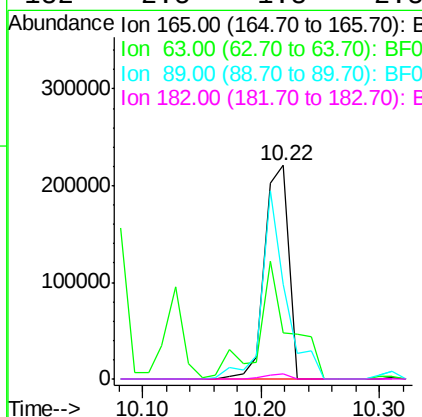
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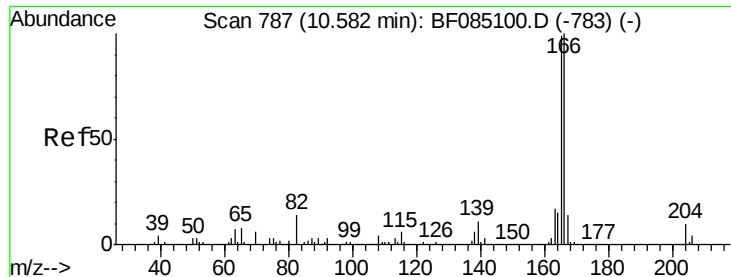
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#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	311794		
63	21.8	39.2	58.8#	
89	44.5	66.2	99.4#	
182	2.5	1.8	2.8	





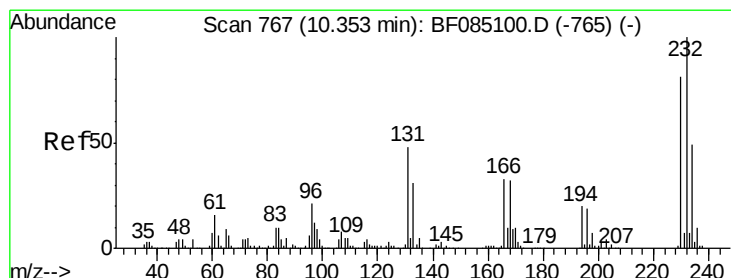
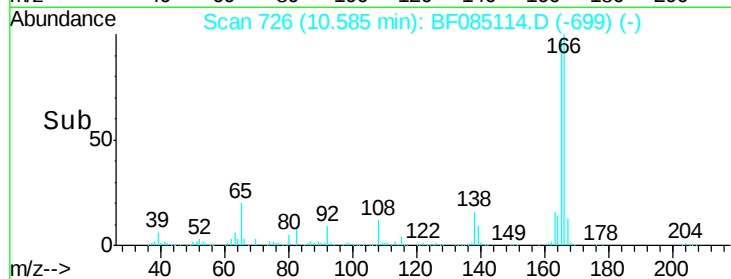
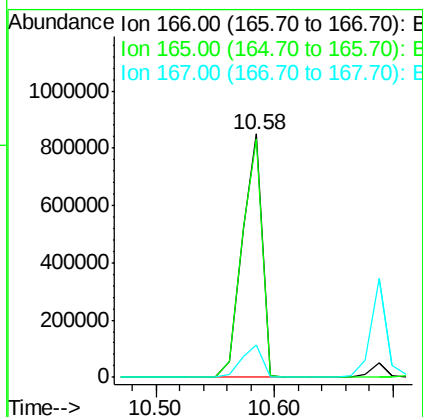
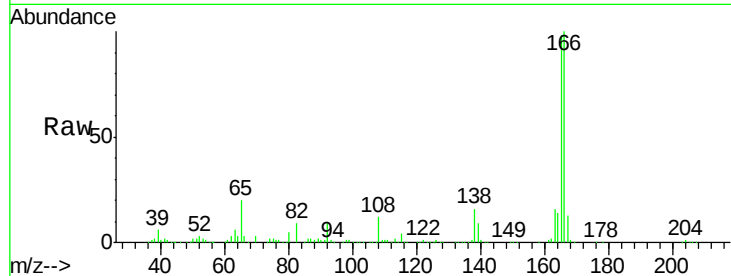
#57
 Fluorene
 Concen: 46.60 ng
 RT: 10.58 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	986141		
165	98.1	79.4	119.2	
167	13.2	11.2	16.8	

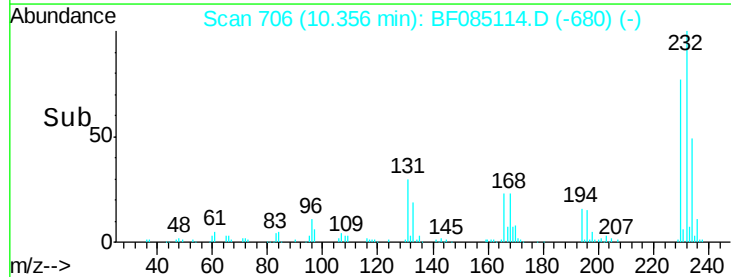
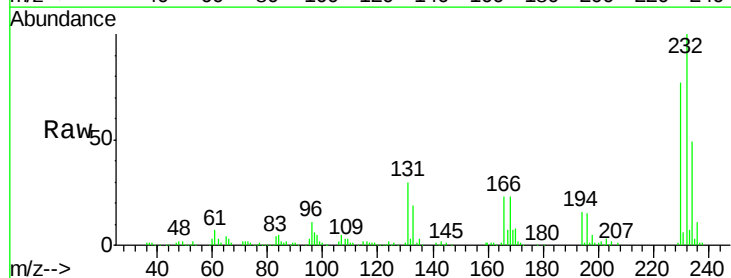
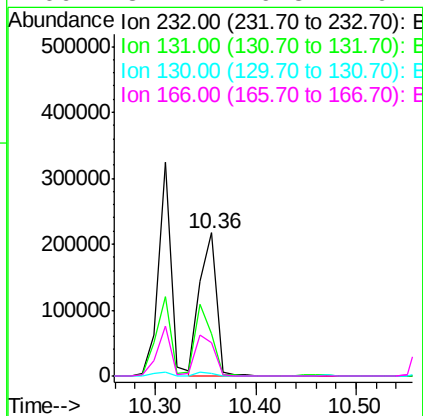
Manual Integrations
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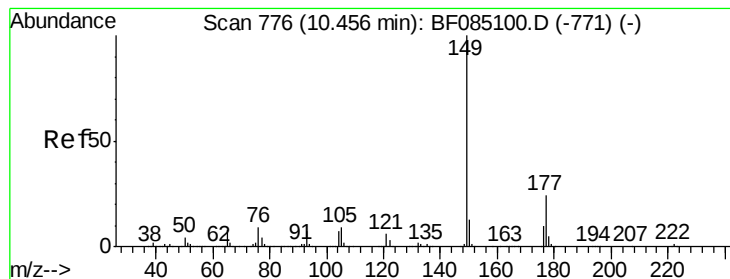
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.77 ng
 RT: 10.36 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	257078		
131	49.0	41.6	62.4	
130	2.4	2.1	3.1	
166	31.4	26.8	40.2	





#59

Diethylphthalate

Concen: 39.53 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085114.D

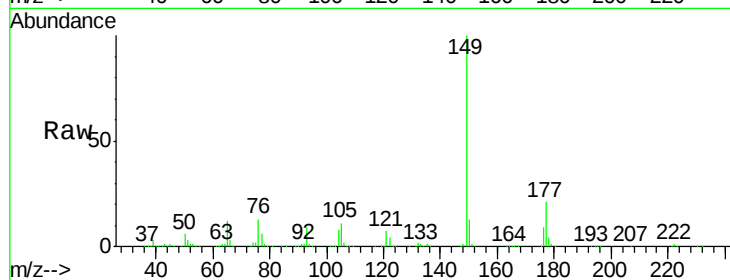
Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

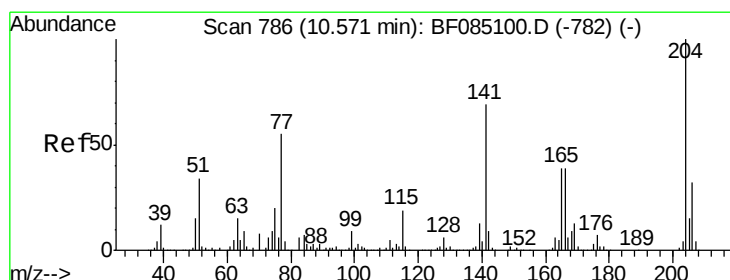
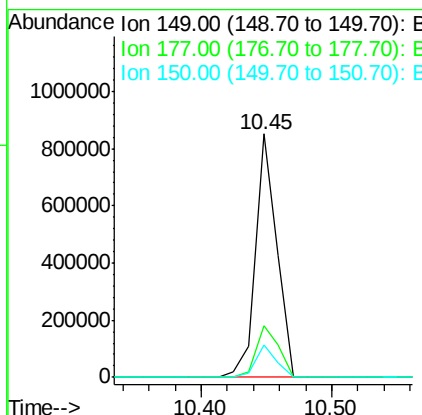
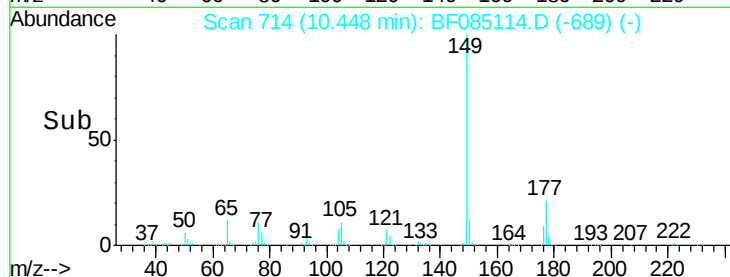
PB88622BS



Tgt Ion:	149	Resp:	963861
Ion Ratio	Lower	Upper	
149	100		
177	21.4	19.4	29.2
150	13.2	10.1	15.1

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#60

4-Chlorophenyl-phenylether

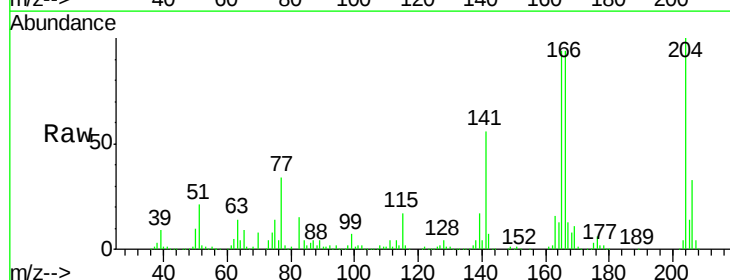
Concen: 44.80 ng

RT: 10.57 min Scan# 725

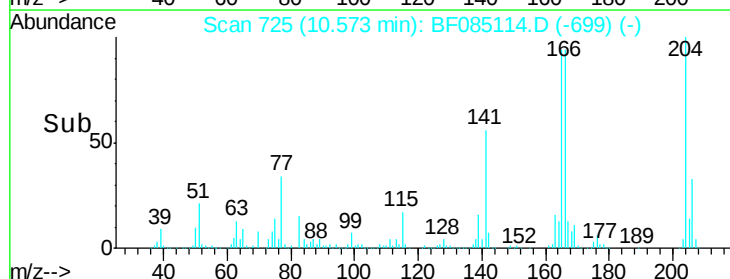
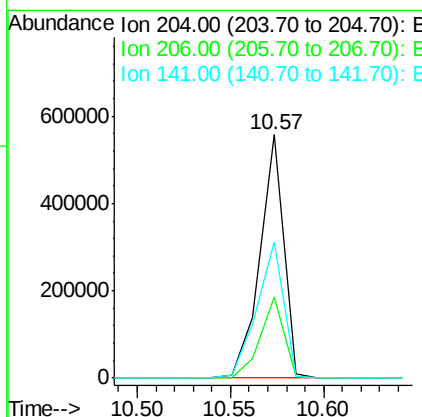
Delta R.T. 0.00 min

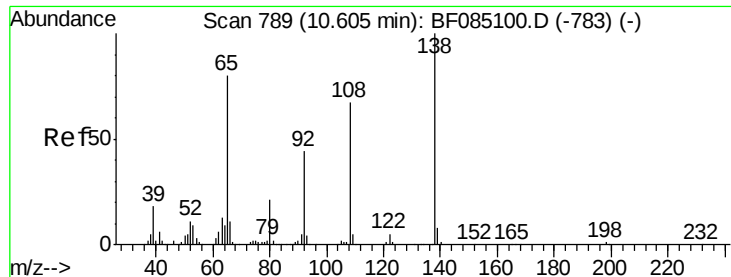
Lab File: BF085114.D

Acq: 2 Mar 2016 12:47



Tgt Ion:	204	Resp:	488627
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.7	38.5
141	55.8	55.3	82.9





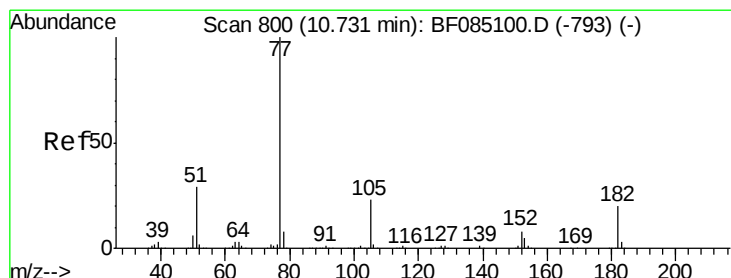
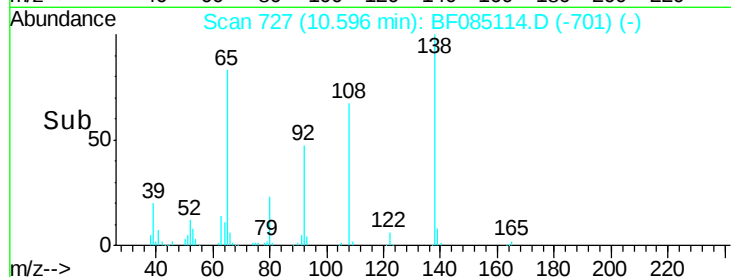
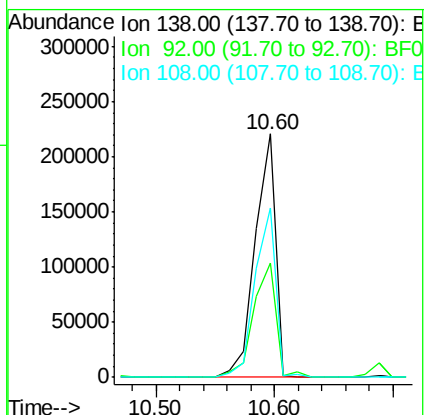
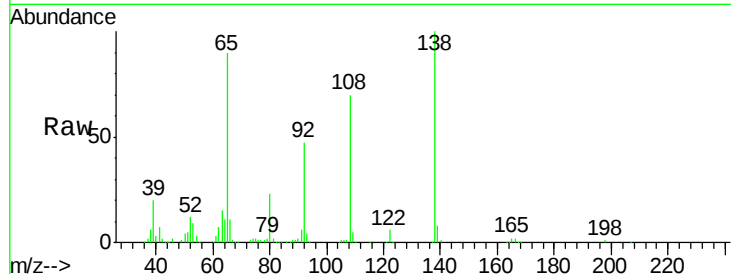
#61
4-Nitroaniline
Concen: 45.36 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	266460		
92	46.7	23.5	63.5	
108	69.6	46.8	86.8	

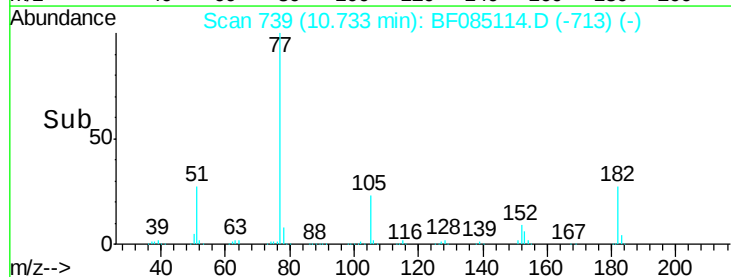
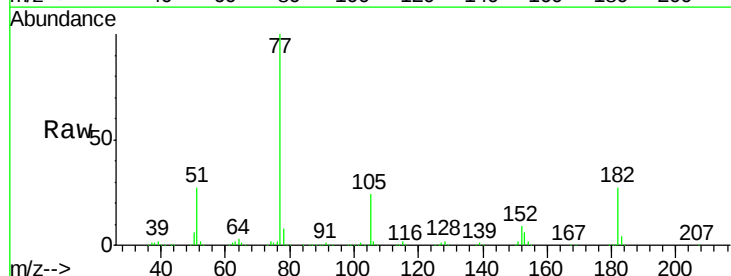
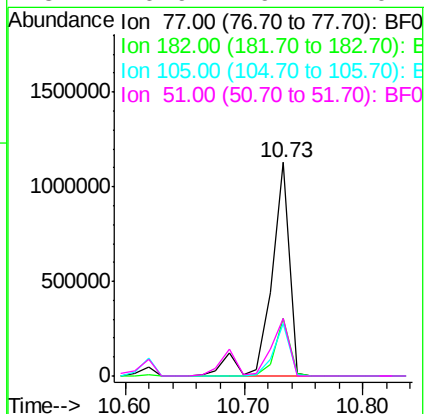
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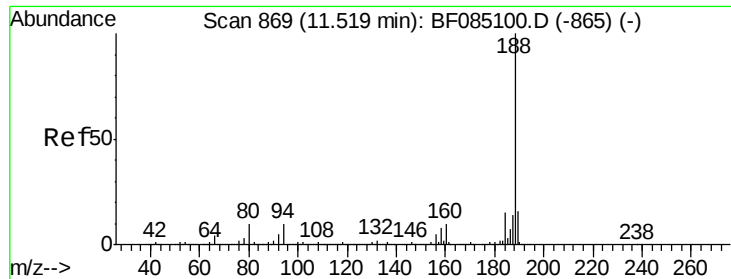
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#62
Azobenzene
Concen: 49.72 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1224974		
182	26.9	0.0	39.8	
105	24.5	2.7	42.7	
51	26.9	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS

Tgt Ion:188 Resp: 639071
Ion Ratio Lower Upper

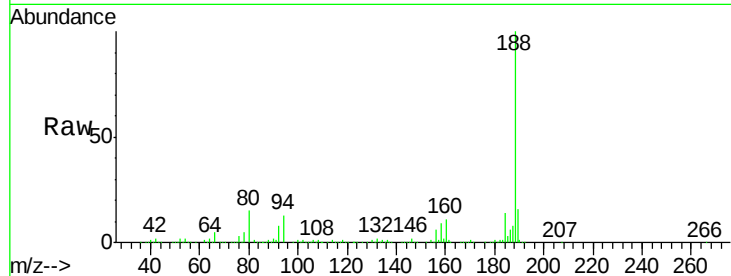
188 100

94 13.5 7.8 11.6#

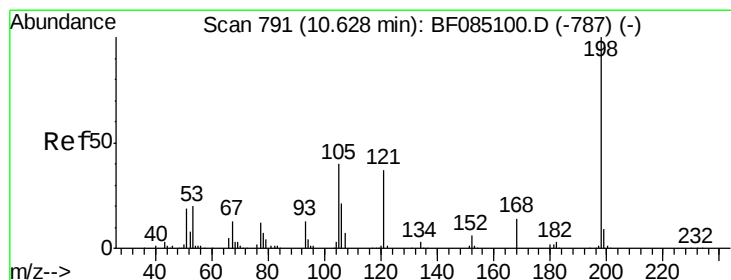
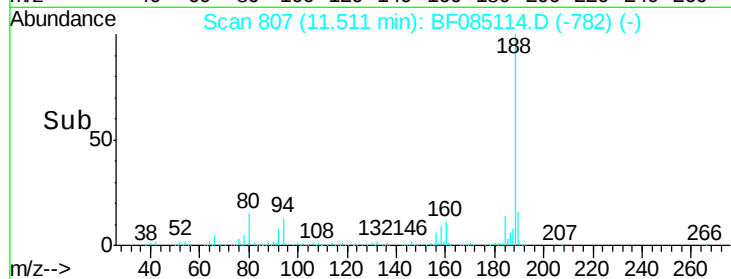
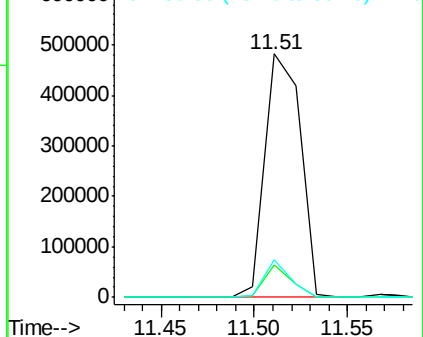
80 15.2 8.2 12.4#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.19 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085114.D

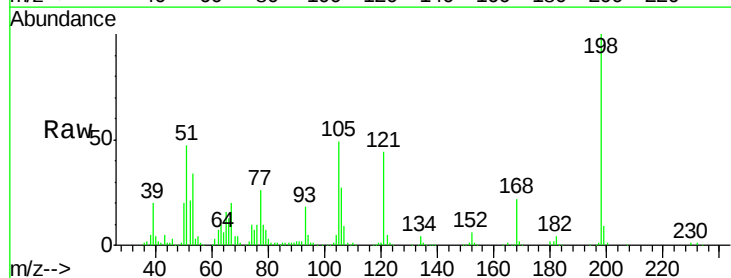
Acq: 2 Mar 2016 12:47

Tgt Ion:198 Resp: 153567
Ion Ratio Lower Upper

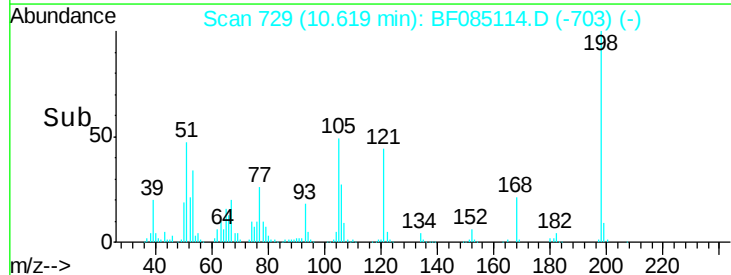
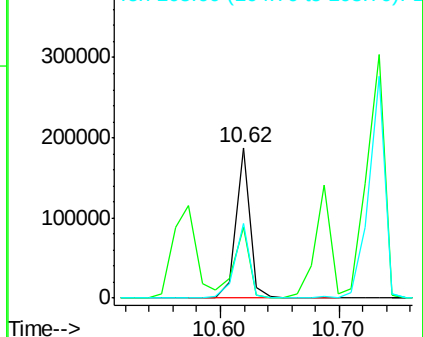
198 100

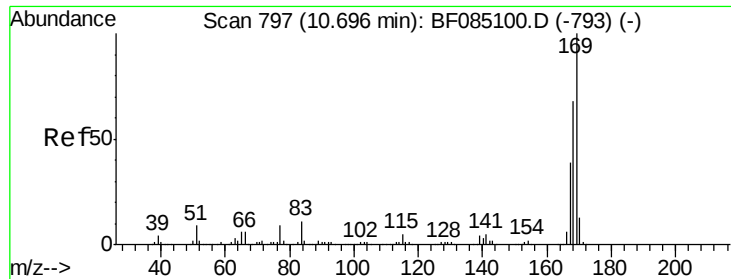
51 46.8 12.5 52.5

105 49.4 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.18 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085114.D

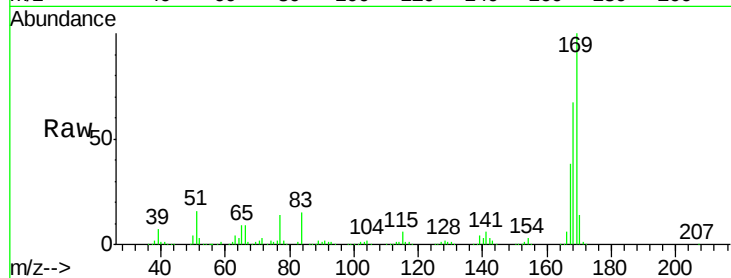
Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

PB88622BS



Tgt Ion:169 Resp: 829478

Ion Ratio Lower Upper

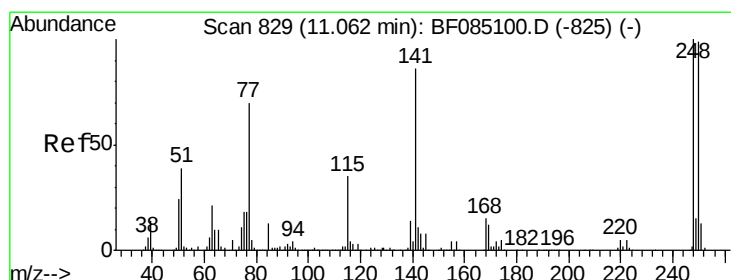
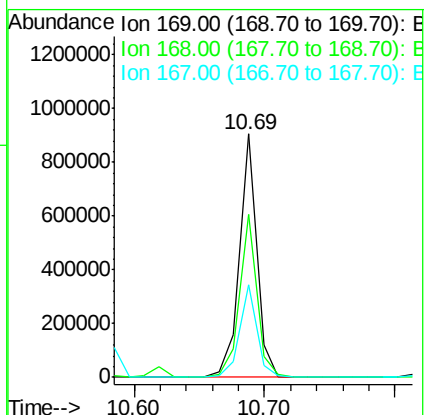
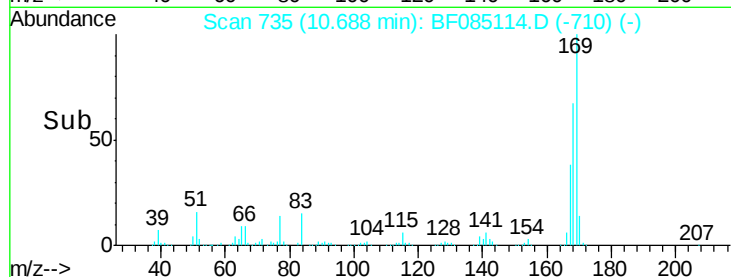
169 100

168 66.8 54.6 81.8

167 38.1 30.8 46.2

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 45.10 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

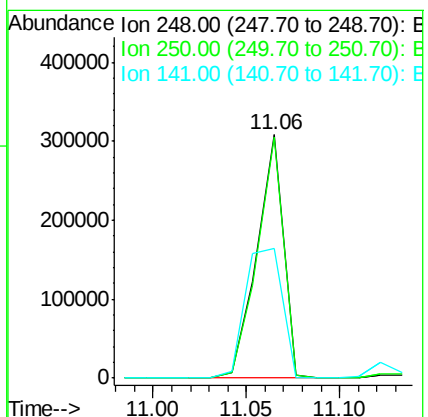
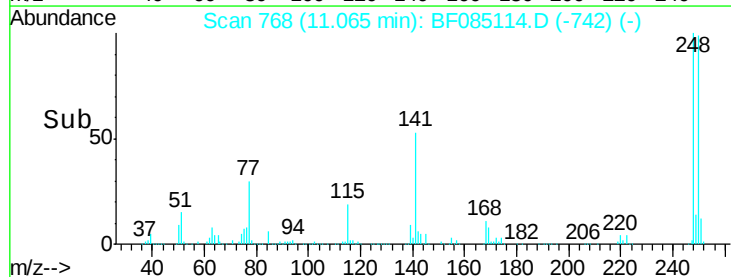
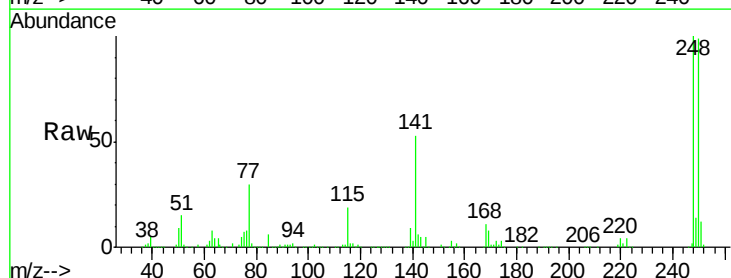
Tgt Ion:248 Resp: 302637

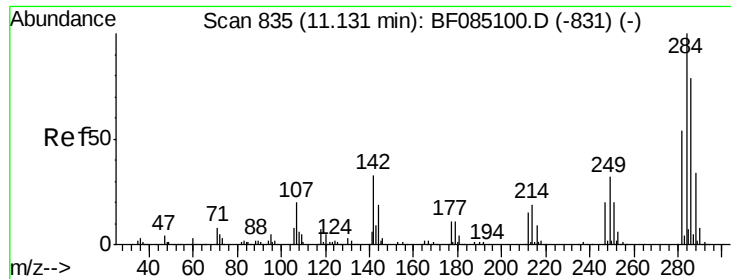
Ion Ratio Lower Upper

248 100

250 99.1 79.0 118.4

141 53.2 68.6 103.0#





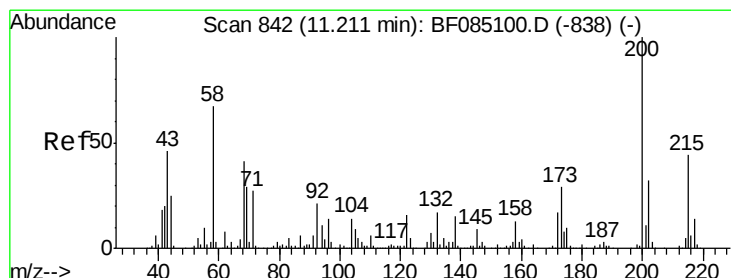
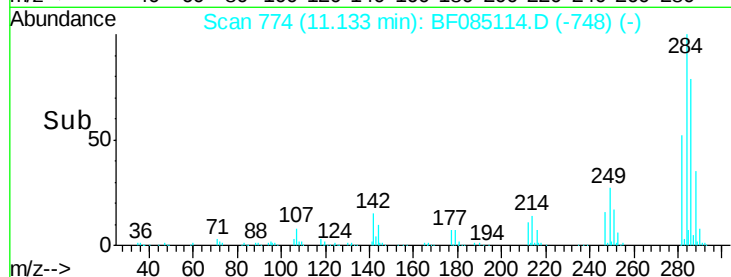
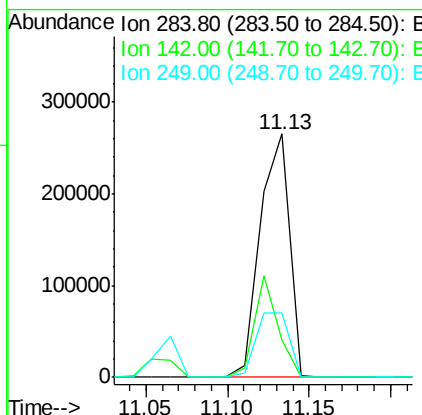
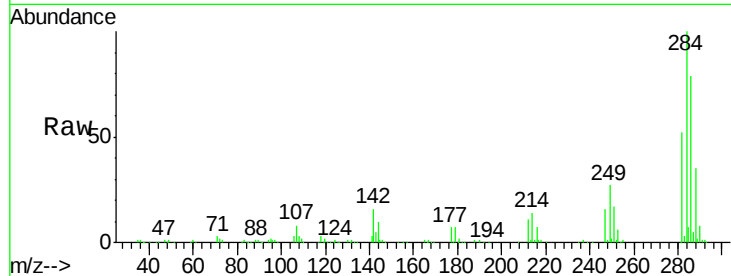
#67
Hexachlorobenzene
Concen: 43.73 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	15.6	26.3	39.5#
249	26.6	25.8	38.6

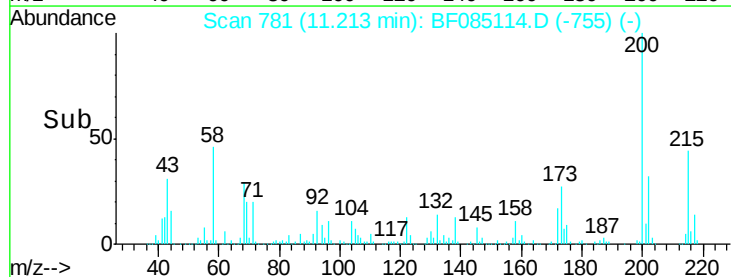
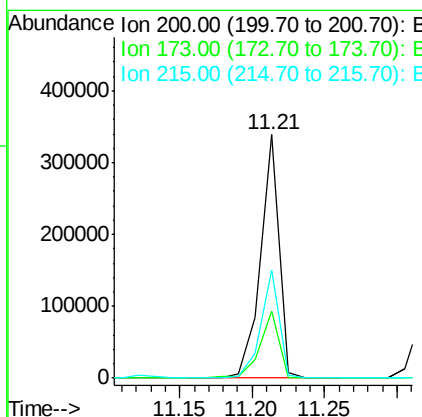
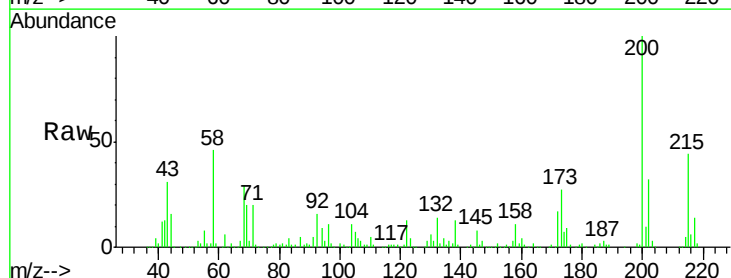
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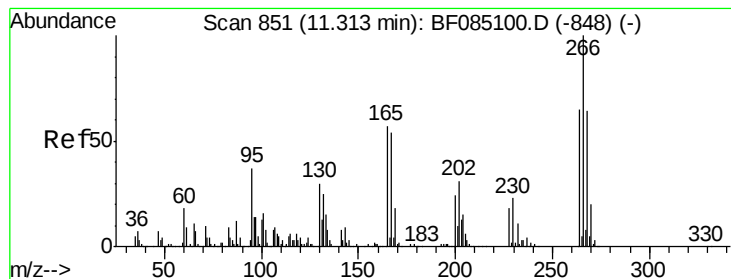
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#68
Atrazine
Concen: 48.92 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	9.4	49.4
215	44.1	23.6	63.6





#69

Pentachlorophenol

Concen: 79.98 ng

RT: 11.32 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

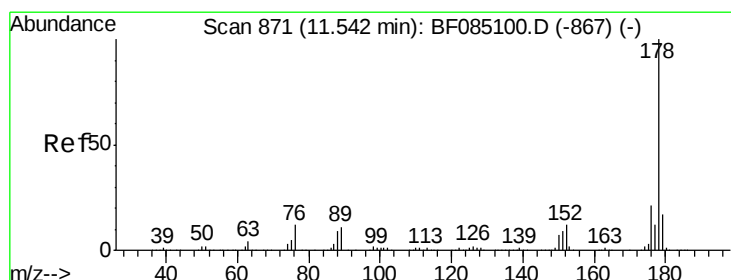
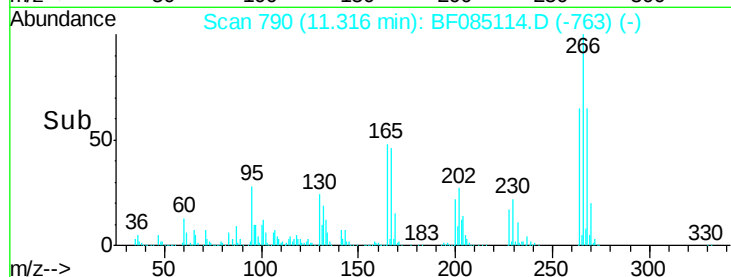
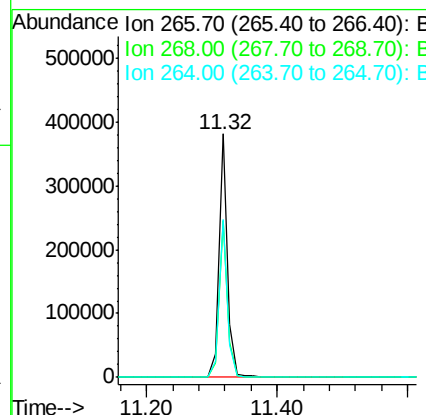
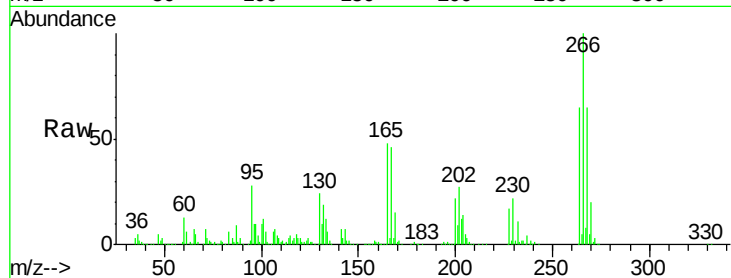
ClientSampled :

PB88622BS

Tgt Ion:	266	Resp:	355539
Ion Ratio	Lower	Upper	
266	100		
268	64.6	51.0	76.6
264	65.0	52.3	78.5

Manual Integrations
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#70

Phenanthrene

Concen: 48.91 ng

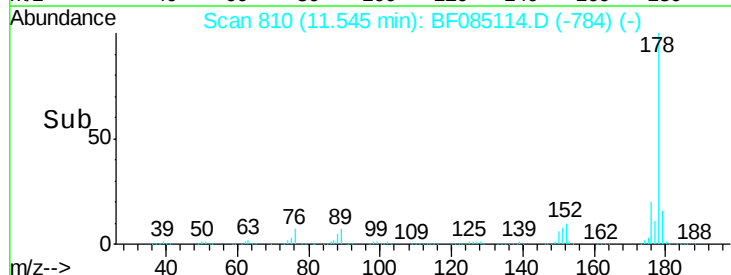
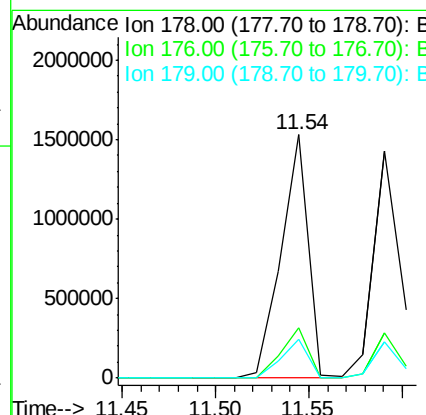
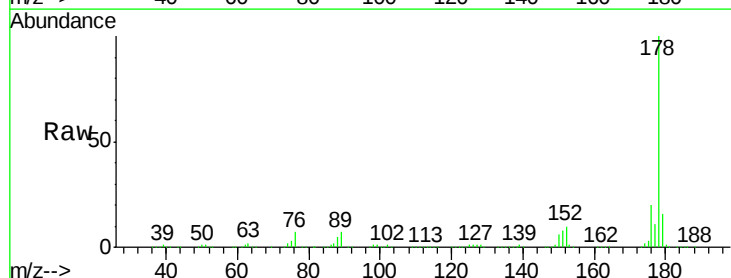
RT: 11.54 min Scan# 810

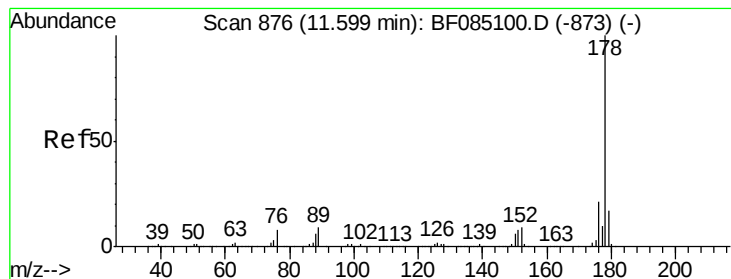
Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:	178	Resp:	1554926
Ion Ratio	Lower	Upper	
178	100		
176	20.4	17.0	25.6
179	15.9	13.3	19.9





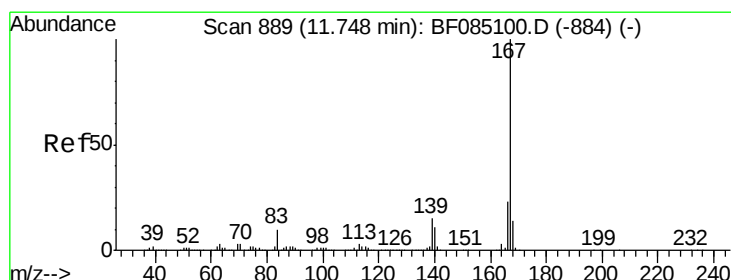
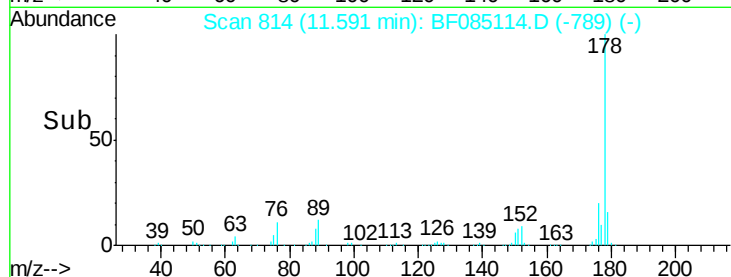
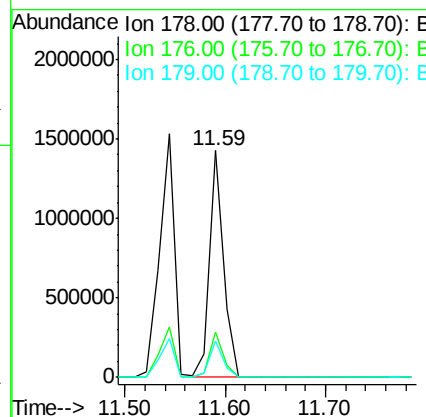
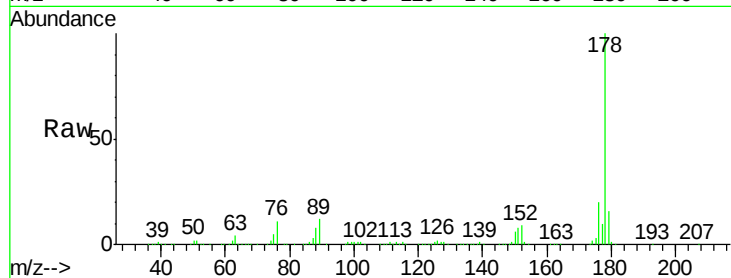
#71
 Anthracene
 Concen: 38.64 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion:178 Resp: 1379351
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 16.2 13.2 19.8

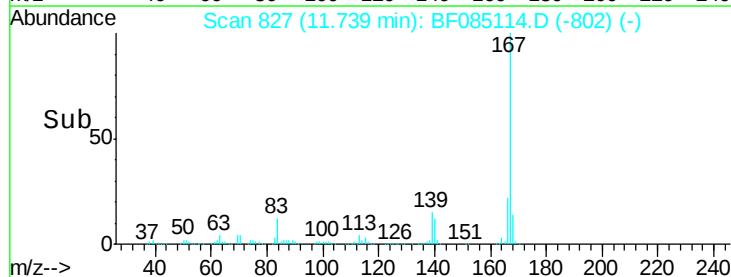
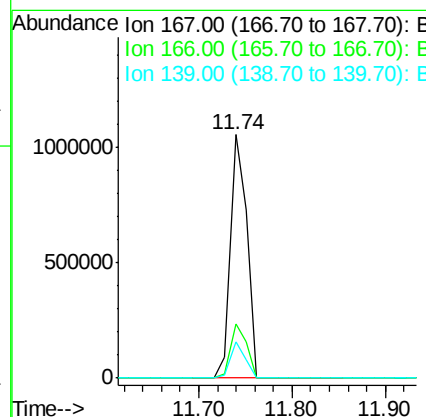
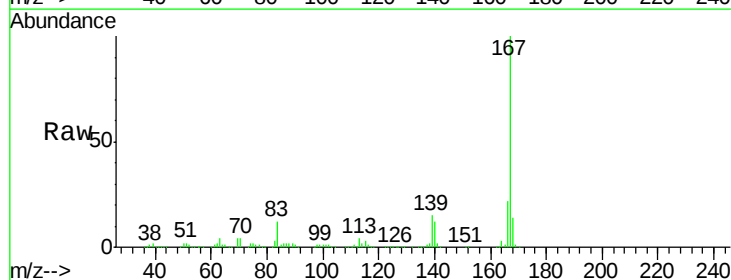
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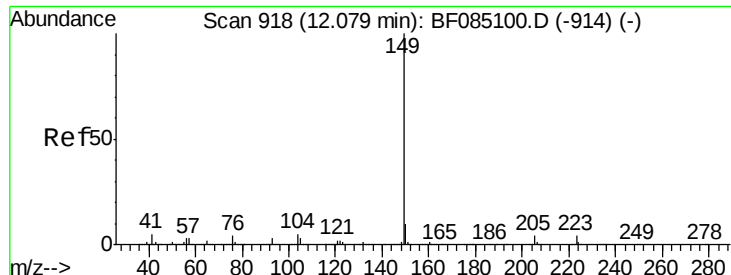
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#72
 Carbazole
 Concen: 41.67 ng
 RT: 11.74 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:167 Resp: 1294563
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.6 28.0
 139 15.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

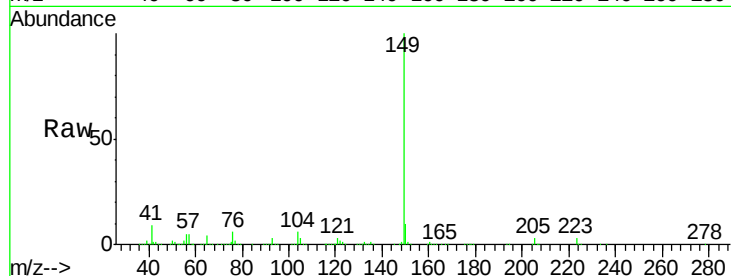
PB88622BS

Tgt Ion:149 Resp: 1471473

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.8	3.7	5.5#

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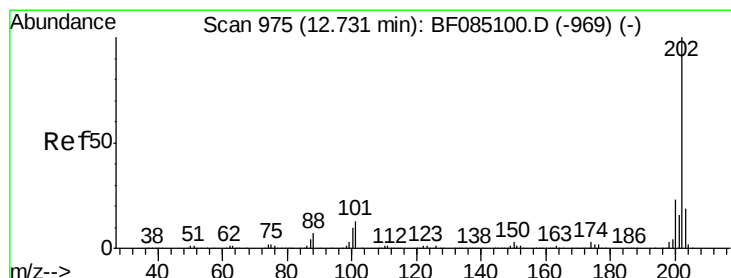
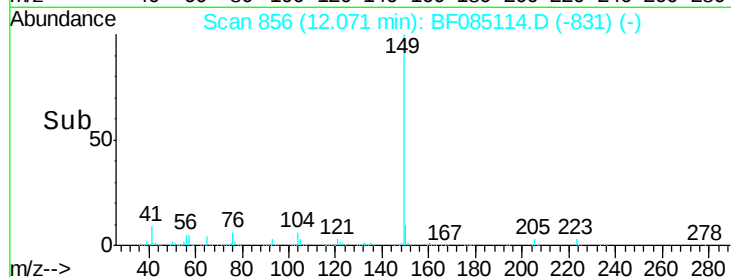
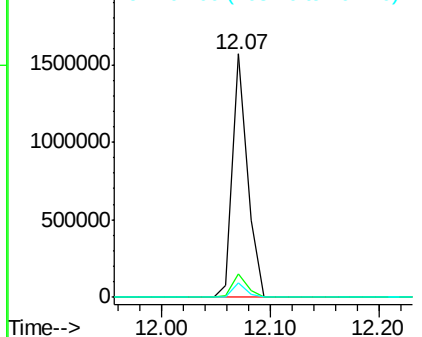
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.72 ng

RT: 12.73 min Scan# 914

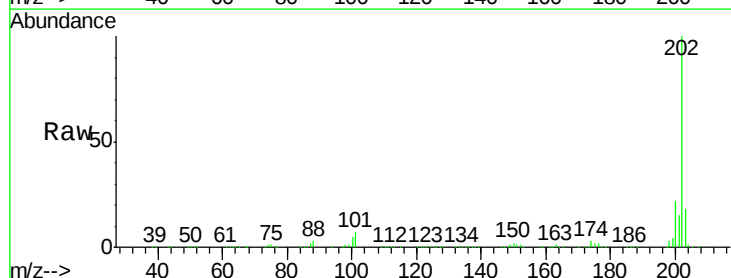
Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:202 Resp: 1560260

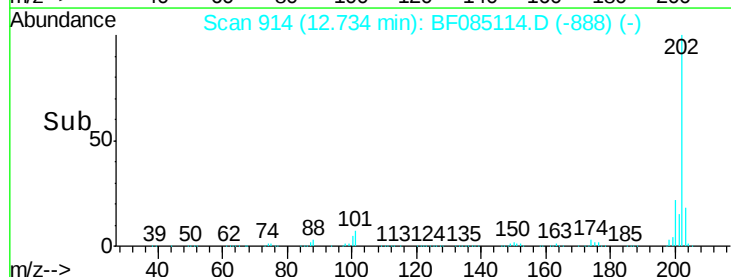
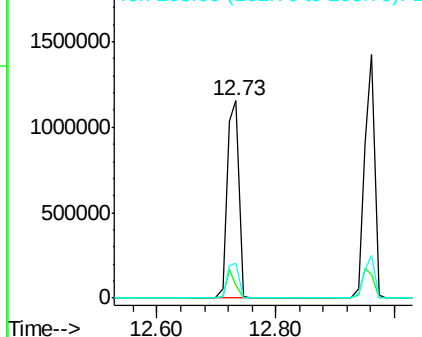
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	33.2
203	17.7	0.0	38.6

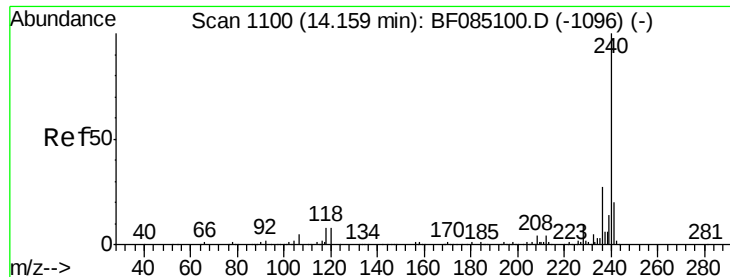


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

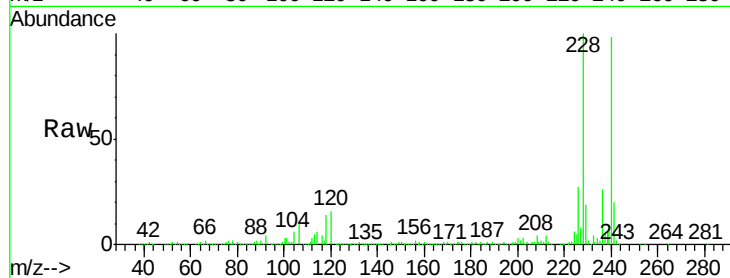
ClientSampleId :

PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	534953		
120	15.8	6.7	10.1#	
236	26.4	21.6	32.4	

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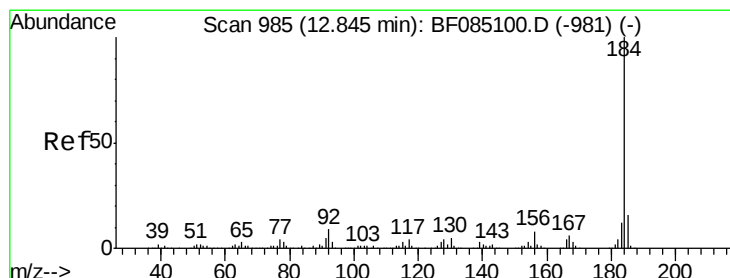
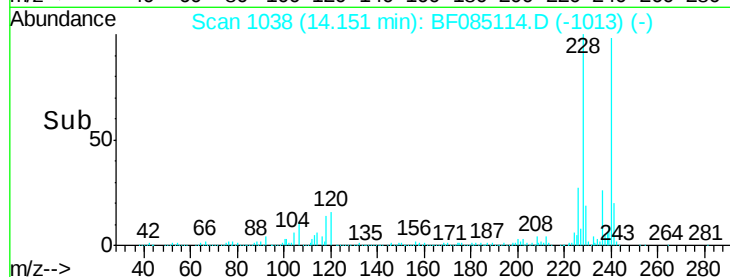
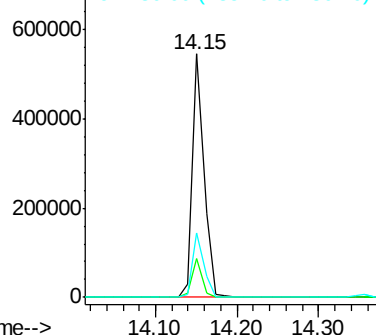
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.06 ng

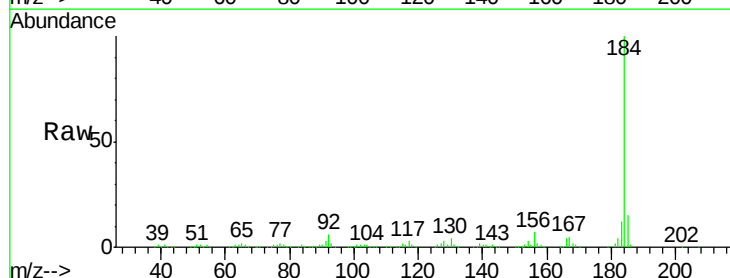
RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

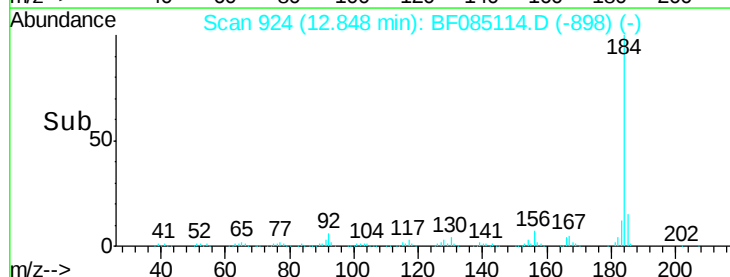
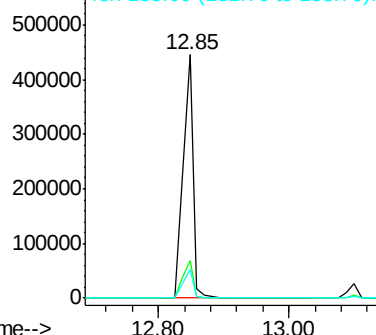
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	486184		
185	15.3	12.6	18.8	
183	11.5	9.5	14.3	

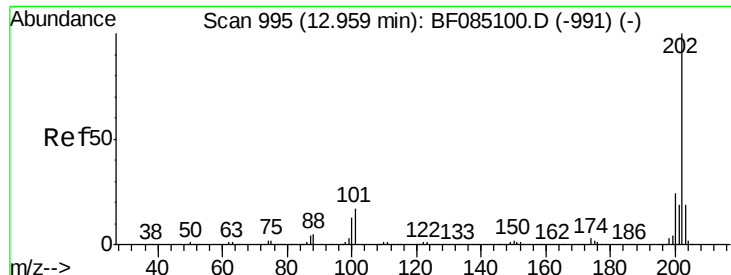


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





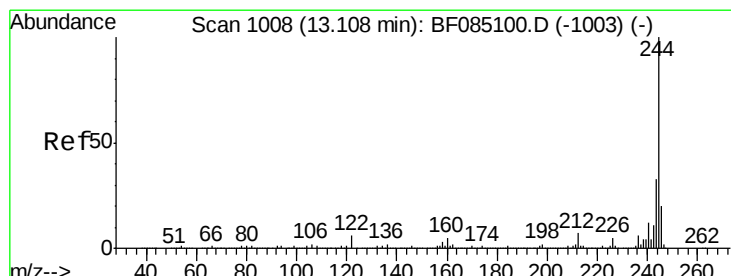
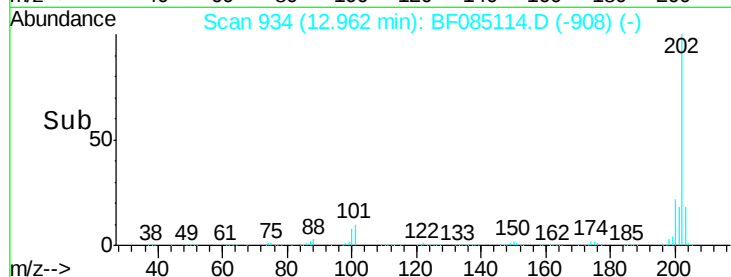
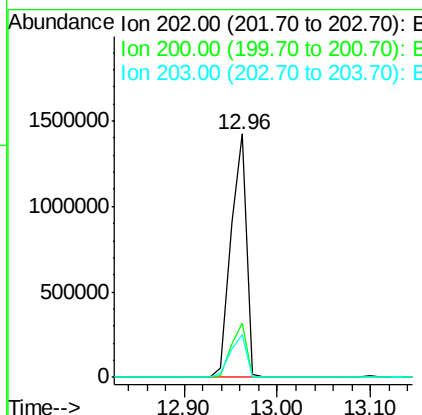
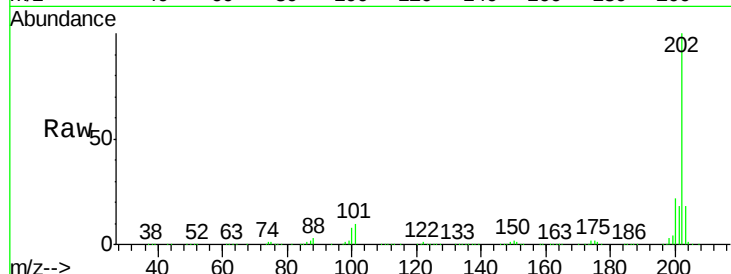
#77
 Pyrene
 Concen: 45.39 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion: 202 Resp: 1657664
 Ion Ratio Lower Upper
 202 100
 200 22.2 19.0 28.6
 203 17.7 15.0 22.6

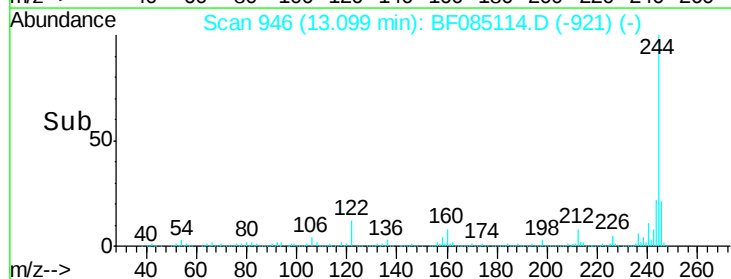
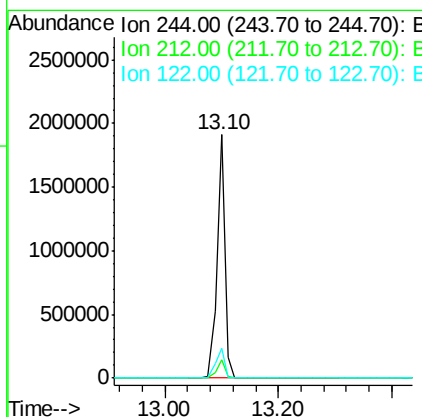
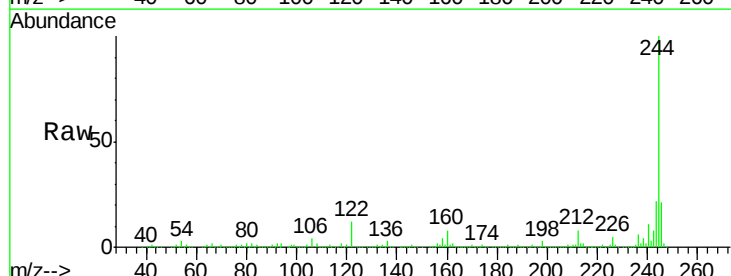
Manual Integrations
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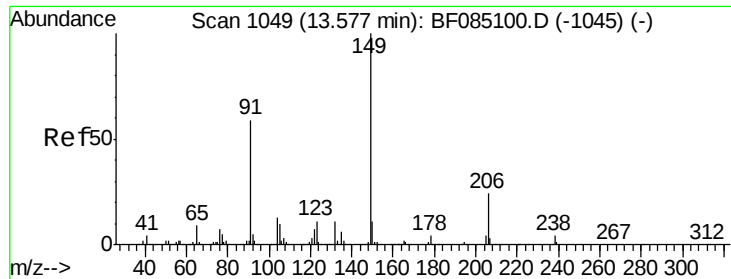
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#78
 Terphenyl-d14
 Concen: 79.14 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion: 244 Resp: 1804663
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 12.1 5.1 7.7#





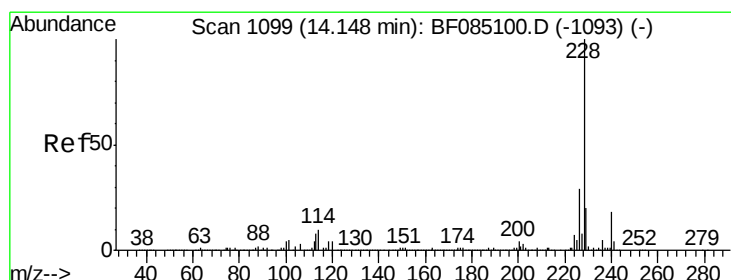
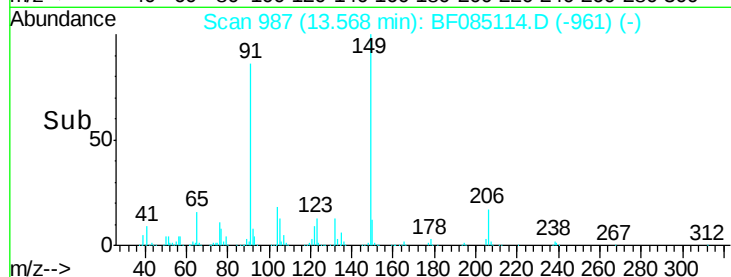
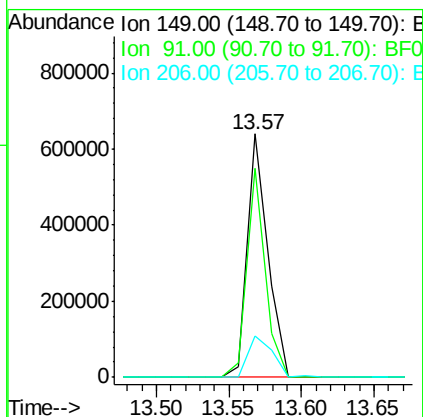
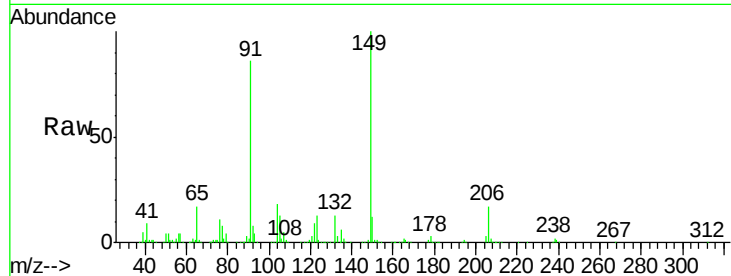
#79
Butylbenzylphthalate
Concen: 40.42 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	86.0	46.9	70.3#
206	16.9	19.0	28.6#

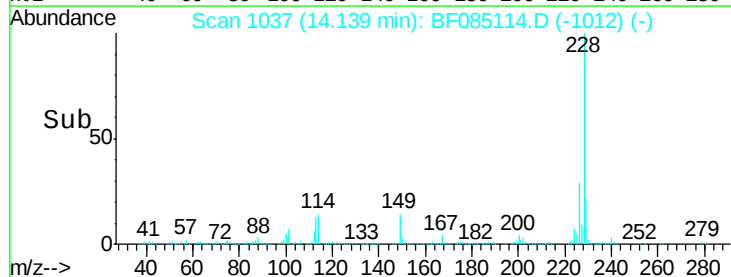
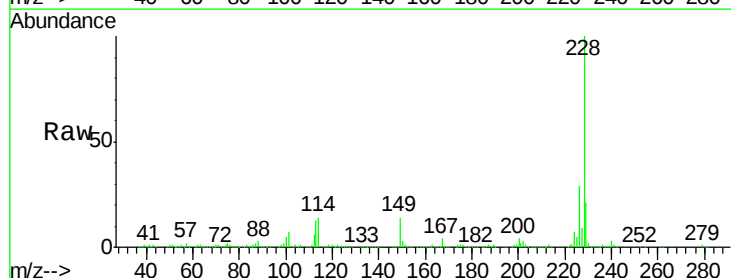
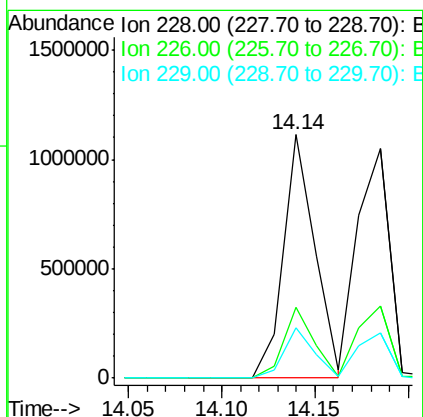
Manual Integrations
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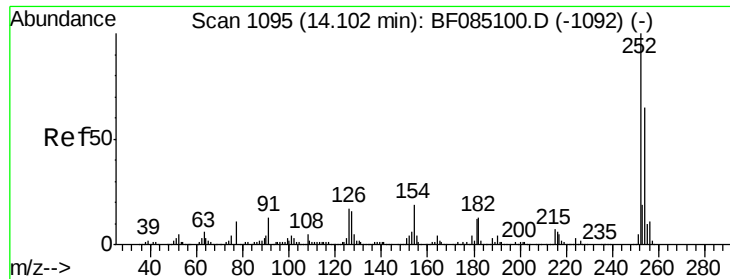
UMANGI
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#80
Benzo(a)anthracene
Concen: 42.09 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	23.0	34.4
229	20.8	16.1	24.1





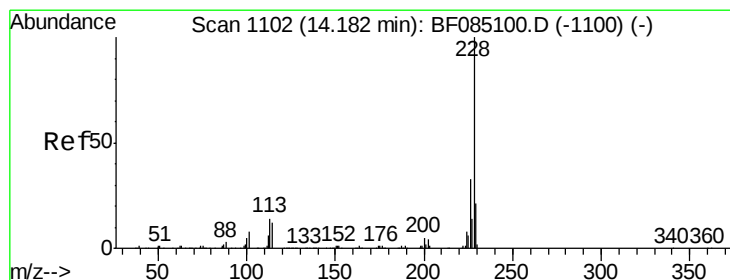
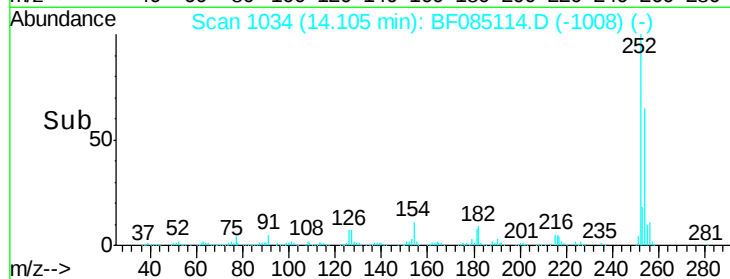
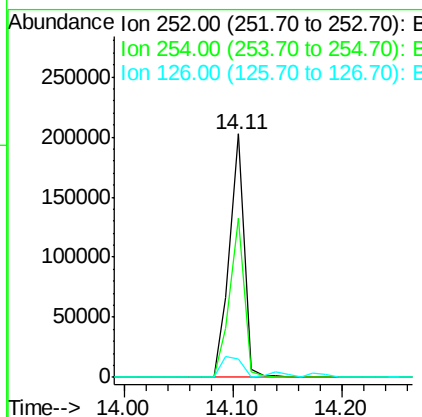
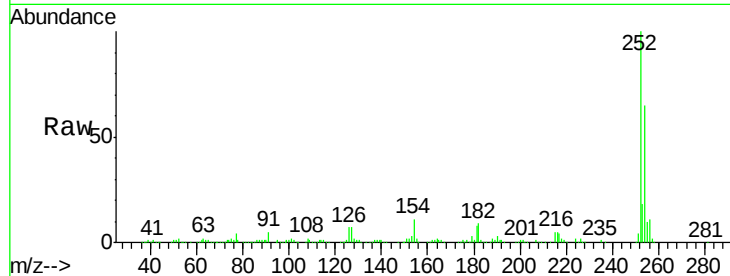
#81
 3,3'-Dichlorobenzidine
 Concen: 19.76 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	191850		
254	65.4	51.8	77.6	
126	7.3	13.2	19.8	

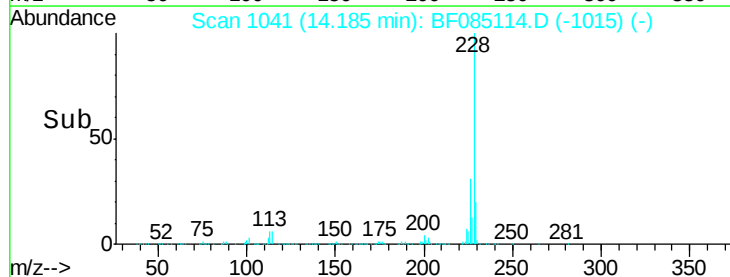
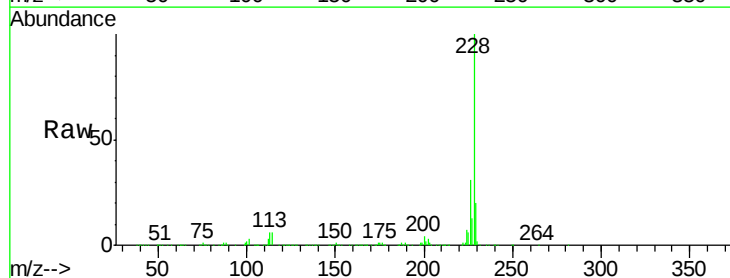
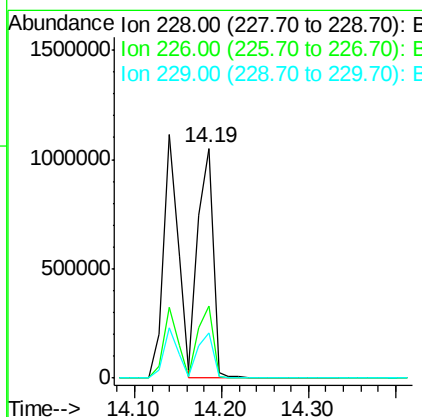
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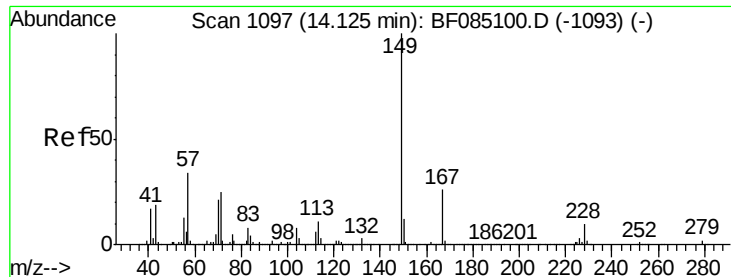
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#82
 Chrysene
 Concen: 44.70 ng
 RT: 14.19 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1267835		
226	31.1	26.2	39.4	
229	19.5	16.5	24.7	





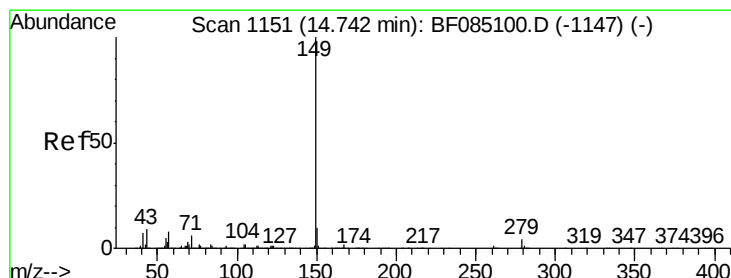
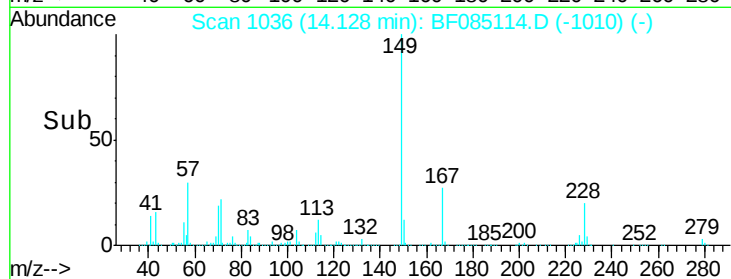
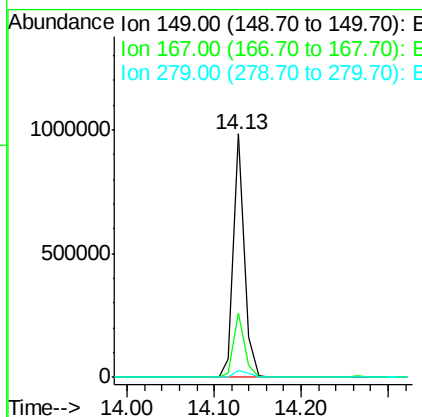
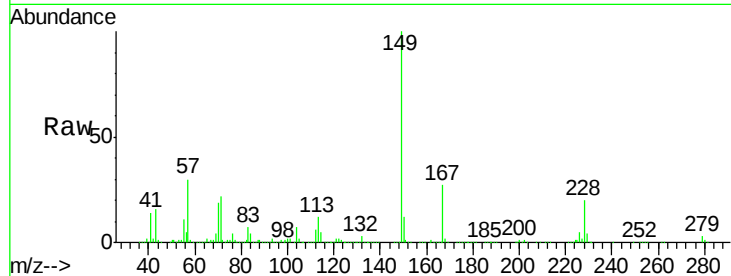
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.52 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	848420		
167	26.5	20.6	31.0	
279	2.8	2.0	3.0	

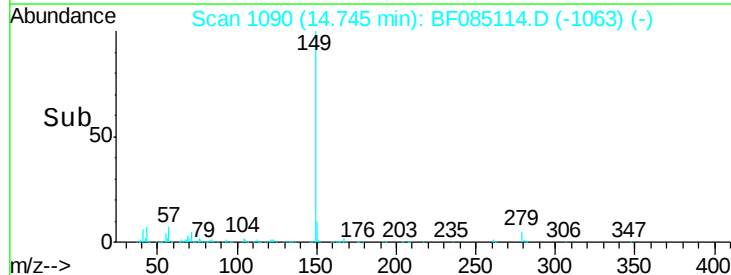
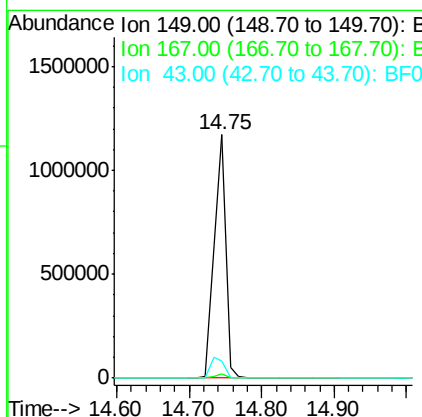
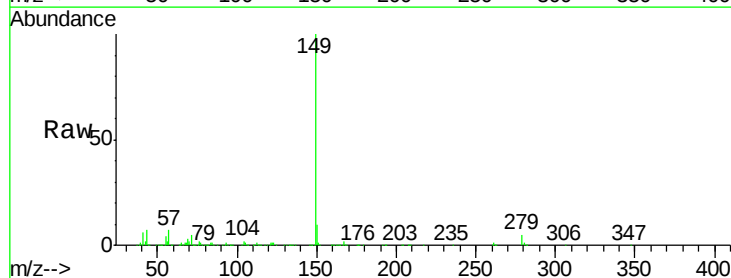
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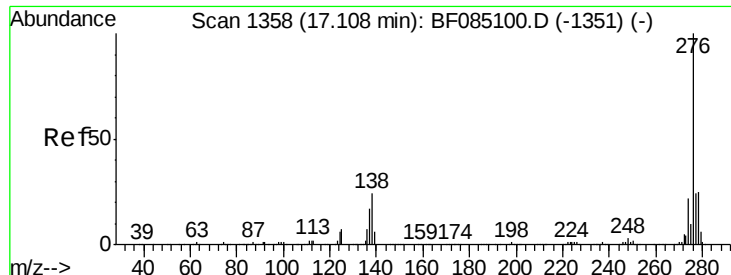
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#84
 Di-n-octyl phthalate
 Concen: 48.91 ng
 RT: 14.75 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

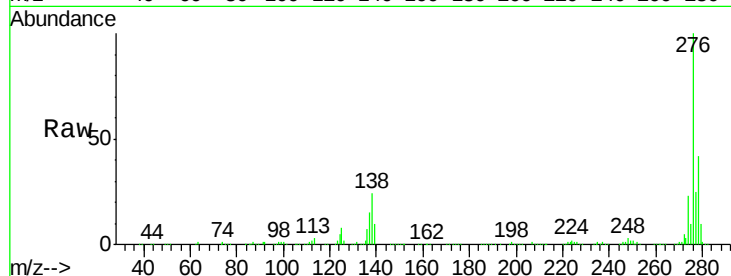
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1296383		
167	1.5	1.2	1.8	
43	10.2	8.8	13.2	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.68 ng
 RT: 17.11 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

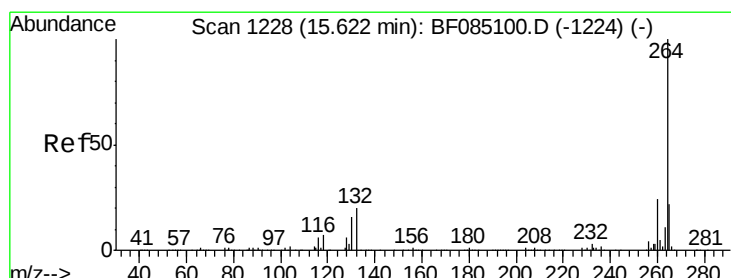
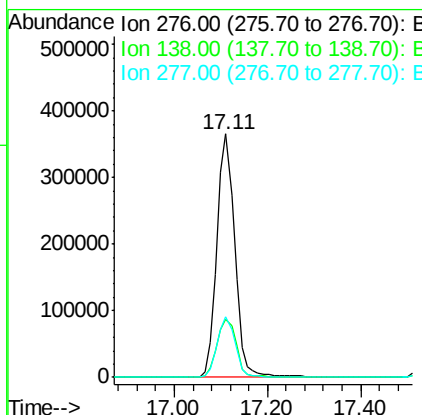
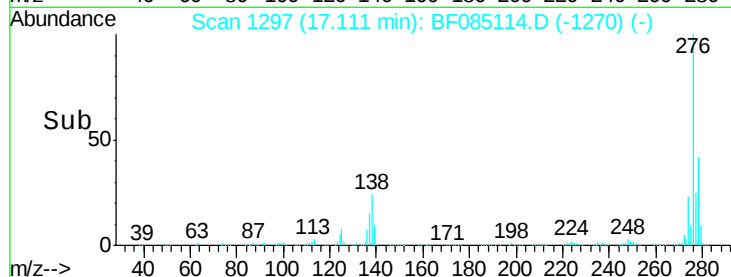
Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	975611		
138	26.1		21.4	32.2
277	25.3		20.1	30.1

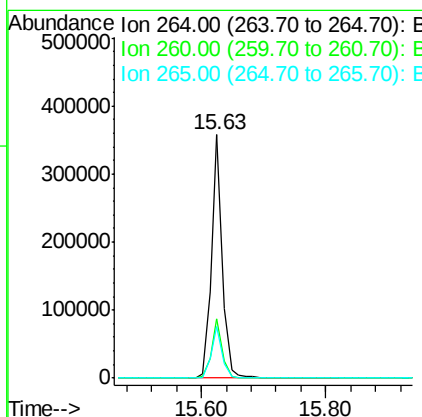
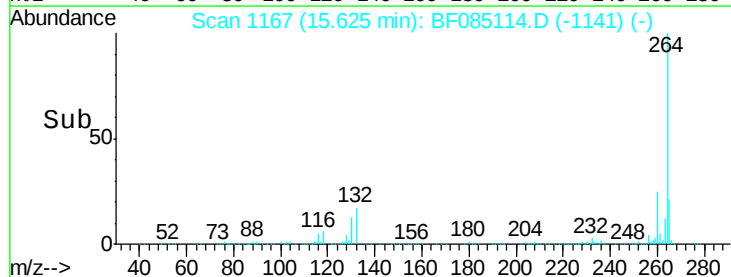
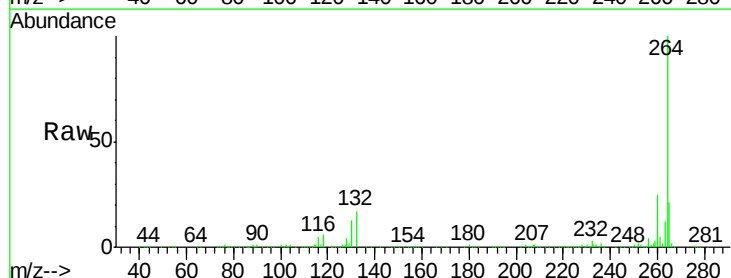
Manual Integrations
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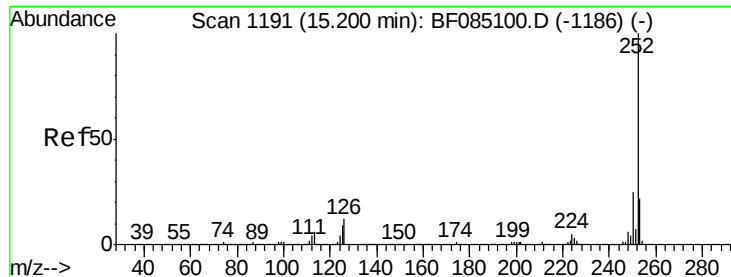
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	426387		
260	24.6		19.6	29.4
265	21.4		17.4	26.2





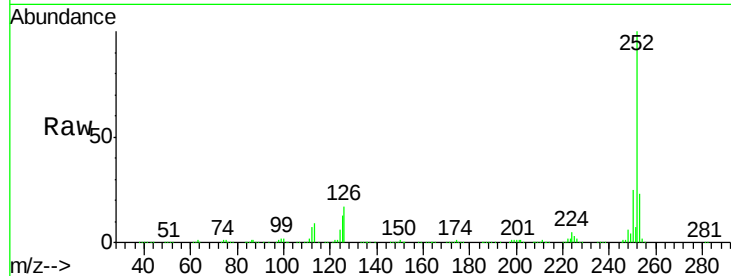
#87
Benzo(b)fluoranthene
Concen: 48.11 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

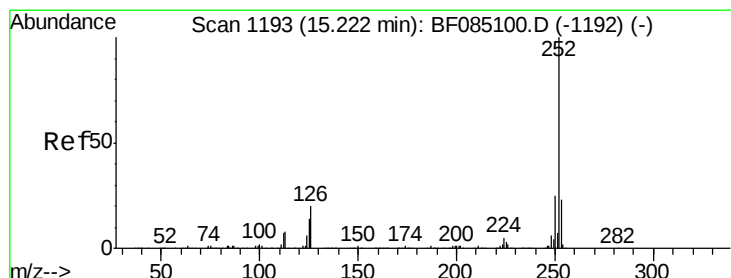
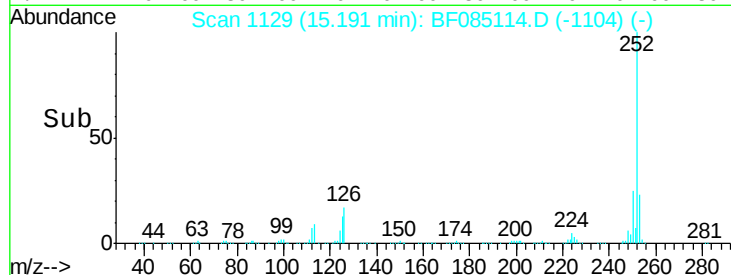
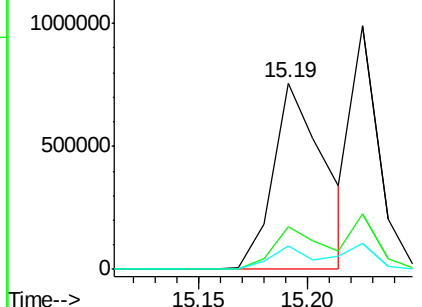
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.6	7.0	10.4

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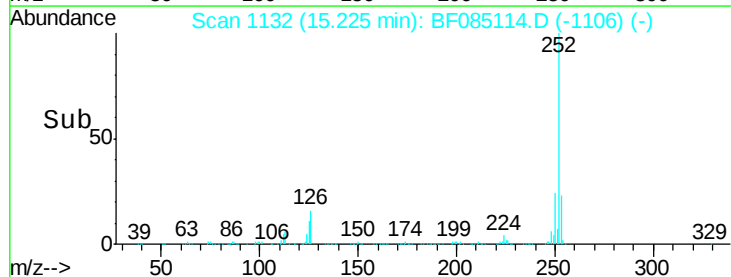
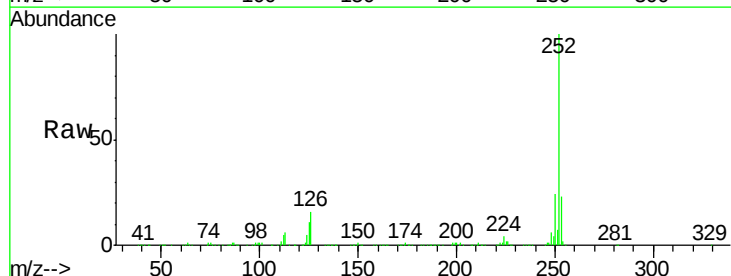
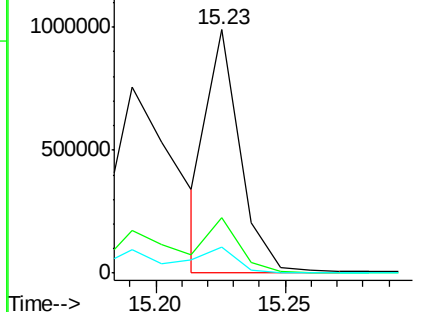
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

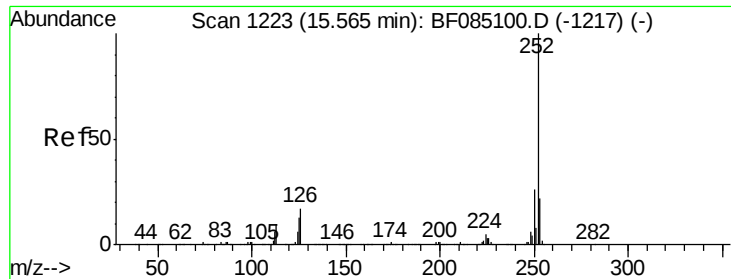


#88
Benzo(k)fluoranthene
Concen: 37.84 ng m
RT: 15.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.7	11.1	16.7

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





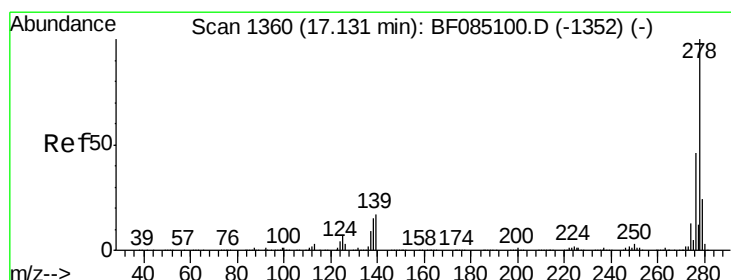
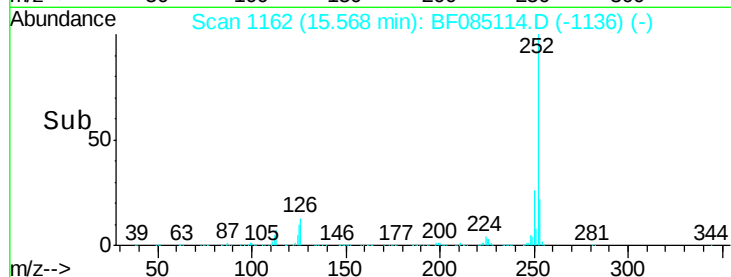
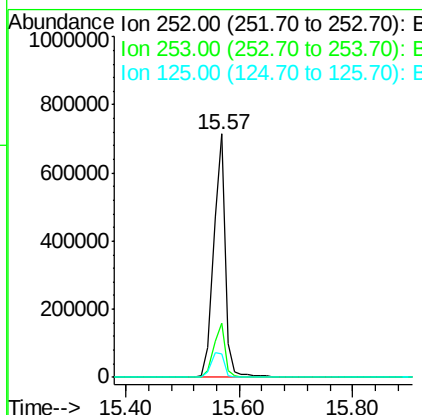
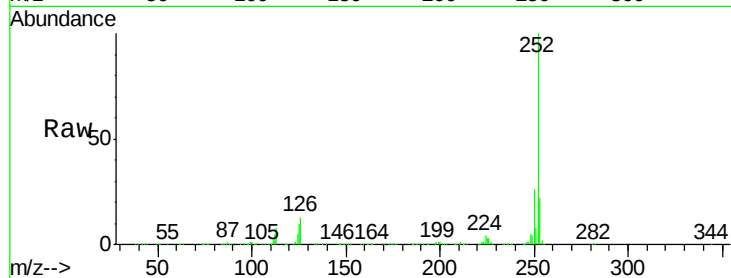
#89
Benzo(a)pyrene
Concen: 44.76 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.7	10.2	15.2

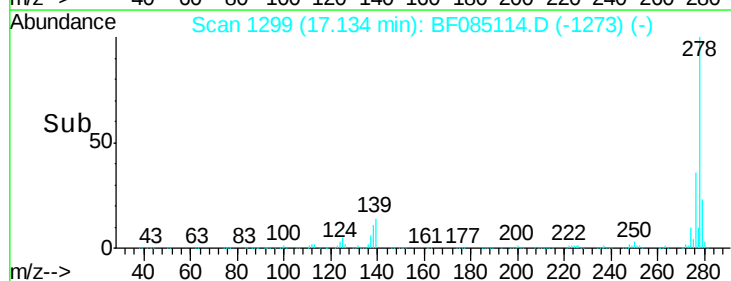
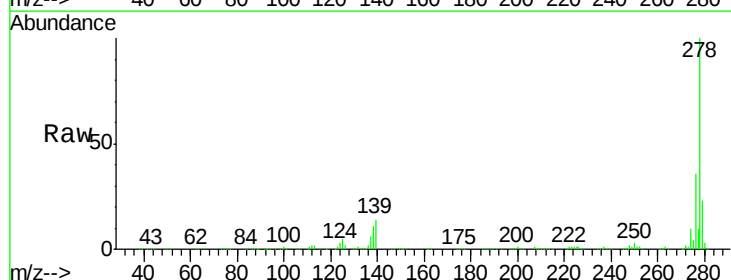
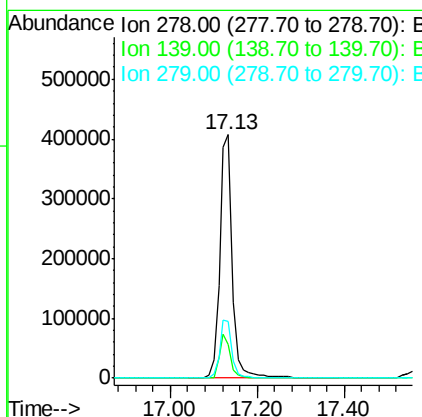
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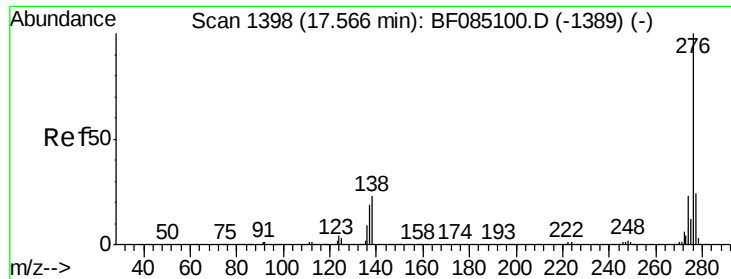
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#90
Dibenzo(a,h)anthracene
Concen: 42.09 ng
RT: 17.13 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.6	20.4
279	23.4	19.3	28.9





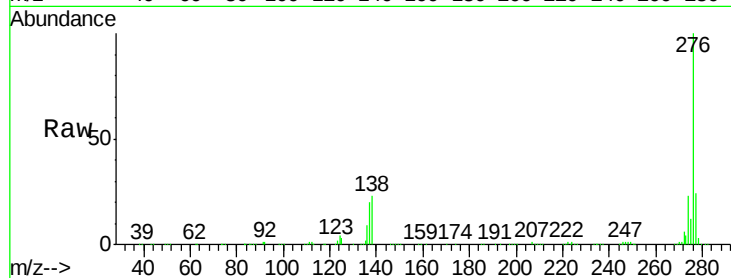
#91
 Benzo(g,h,i)perylene
 Concen: 40.21 ng
 RT: 17.56 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BS

Tgt	Ion	276	Resp:	804062
Ion	Ratio	Lower	Upper	
276	100			
277	23.6	19.0	28.4	
138	23.1	18.1	27.1	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

