

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085261.D
 Acq On : 8 Mar 2016 17:50
 Operator : UM/SJ
 Sample : PB88766BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Manual Integrations
 APPROVED

UMANGI
 3/9/2016 3:26:36 PM

Quant Time: Mar 09 11:14:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	149489	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	575207	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	270541	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	529082	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	375043	20.00	ng	-0.02
86) Perylene-d12	15.59	264	284623	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1148168	128.83	ng	0.00
7) Phenol-d6	6.58	99	1349469	115.58	ng	-0.02
23) Nitrobenzene-d5	7.52	82	889471	82.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	317389	137.11	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1559268	87.65	ng	-0.02
78) Terphenyl-d14	13.08	244	1517744	93.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	146212	32.08	ng	99
3) Pyridine	3.48	79	431077	37.79	ng	98
4) n-Nitrosodimethylamine	3.42	42	186260	38.15	ng	100
6) Aniline	6.62	93	332842	20.34	ng	99
8) 2-Chlorophenol	6.74	128	424134	39.53	ng	99
9) Benzaldehyde	6.50	77	125144	19.55	ng	99
10) Phenol	6.60	94	428794m	34.29	ng	
11) bis(2-Chloroethyl)ether	6.70	93	427942	41.20	ng	96
12) 1,3-Dichlorobenzene	6.90	146	456621	39.64	ng	98
13) 1,4-Dichlorobenzene	6.97	146	444572	38.51	ng	98
14) 1,2-Dichlorobenzene	7.13	146	442301	42.23	ng	99
15) Benzyl Alcohol	7.10	79	351246	40.98	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	525848	35.12	ng	100
17) 2-Methylphenol	7.21	107	374298	42.75	ng	99
18) Hexachloroethane	7.48	117	167446	39.32	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	287228	37.74	ng	# 91
20) 3+4-Methylphenols	7.36	107	414903	40.01	ng	96
22) Acetophenone	7.37	105	572718	40.79	ng	# 94
24) Nitrobenzene	7.54	77	490084	44.88	ng	95
25) Isophorone	7.78	82	827082	41.52	ng	97
26) 2-Nitrophenol	7.86	139	231271	43.52	ng	95
27) 2,4-Dimethylphenol	7.90	122	429537	44.23	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	465858	41.99	ng	100
29) 2,4-Dichlorophenol	8.10	162	359891	45.95	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	344950	40.74	ng	100
31) Naphthalene	8.26	128	1169487	41.35	ng	99
32) Benzoic acid	8.00	122	260052	40.32	ng	99
33) 4-Chloroaniline	8.31	127	127901	11.18	ng	94
34) Hexachlorobutadiene	8.39	225	191533	43.47	ng	99
35) Caprolactam	8.69	113	122638m	47.95	ng	
36) 4-Chloro-3-methylphenol	8.79	107	385573	43.40	ng	97
37) 2-Methylnaphthalene	8.96	142	842057	46.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	310429	40.12	ng	98
40) Hexachlorocyclopentadiene	9.12	237	365632	87.62	ng	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	249094	43.25	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	242400	44.39	ng #	87
45) 1,1'-Biphenyl	9.43	154	912018	39.46	ng	92
46) 2-Chloronaphthalene	9.45	162	733616	41.64	ng	98
47) 2-Nitroaniline	9.54	65	246550	45.16	ng #	76
48) Acenaphthylene	9.86	152	1115770	40.69	ng	98
49) Dimethylphthalate	9.73	163	920563	44.33	ng	99
50) 2,6-Dinitrotoluene	9.78	165	192737	43.39	ng	97
51) Acenaphthene	10.04	154	773464	46.46	ng	99
52) 3-Nitroaniline	9.94	138	99919	18.80	ng #	74
53) 2,4-Dinitrophenol	10.06	184	203306	89.16	ng #	49
54) Dibenzofuran	10.21	168	974622	44.68	ng	98
55) 4-Nitrophenol	10.12	139	367759	88.05	ng	90
56) 2,4-Dinitrotoluene	10.18	165	235623	41.45	ng	89
57) Fluorene	10.55	166	731732	42.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	182998	47.70	ng	100
59) Diethylphthalate	10.42	149	867806	43.07	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	337254	40.45	ng	90
61) 4-Nitroaniline	10.56	138	211401	42.53	ng	99
62) Azobenzene	10.70	77	914245	46.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	144093	45.49	ng	85
65) n-Nitrosodiphenylamine	10.66	169	730188	44.37	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	203108	39.54	ng #	87
67) Hexachlorobenzene	11.10	284	223479	40.78	ng #	86
68) Atrazine	11.19	200	249757	54.57	ng	94
69) Pentachlorophenol	11.29	266	279755	91.96	ng	98
70) Phenanthrene	11.51	178	1116817	40.28	ng	99
71) Anthracene	11.57	178	1265632	43.00	ng	100
72) Carbazole	11.72	167	1024195	39.68	ng	98
73) Di-n-butylphthalate	12.05	149	1367551	41.92	ng	99
74) Fluoranthene	12.70	202	1110851	39.92	ng	97
76) Benzidine	12.81	184	403159	36.12	ng	99
77) Pyrene	12.93	202	1108993	39.29	ng	99
79) Butylbenzylphthalate	13.55	149	563573	44.00	ng #	83
80) Benzo(a)anthracene	14.12	228	923558	41.14	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	107601	15.19	ng	99
82) Chrysene	14.15	228	723079	34.86	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	691222	41.01	ng #	96
84) Di-n-octyl phthalate	14.71	149	1085627	42.29	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	664427	41.05	ng	98
87) Benzo(b)fluoranthene	15.16	252	885651	46.68	ng	99
88) Benzo(k)fluoranthene	15.19	252	605626m	39.58	ng	
89) Benzo(a)pyrene	15.53	252	717224	45.62	ng	98
90) Dibenzo(a,h)anthracene	17.08	278	557043	41.51	ng	97
91) Benzo(g,h,i)perylene	17.50	276	552925	40.98	ng	100

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

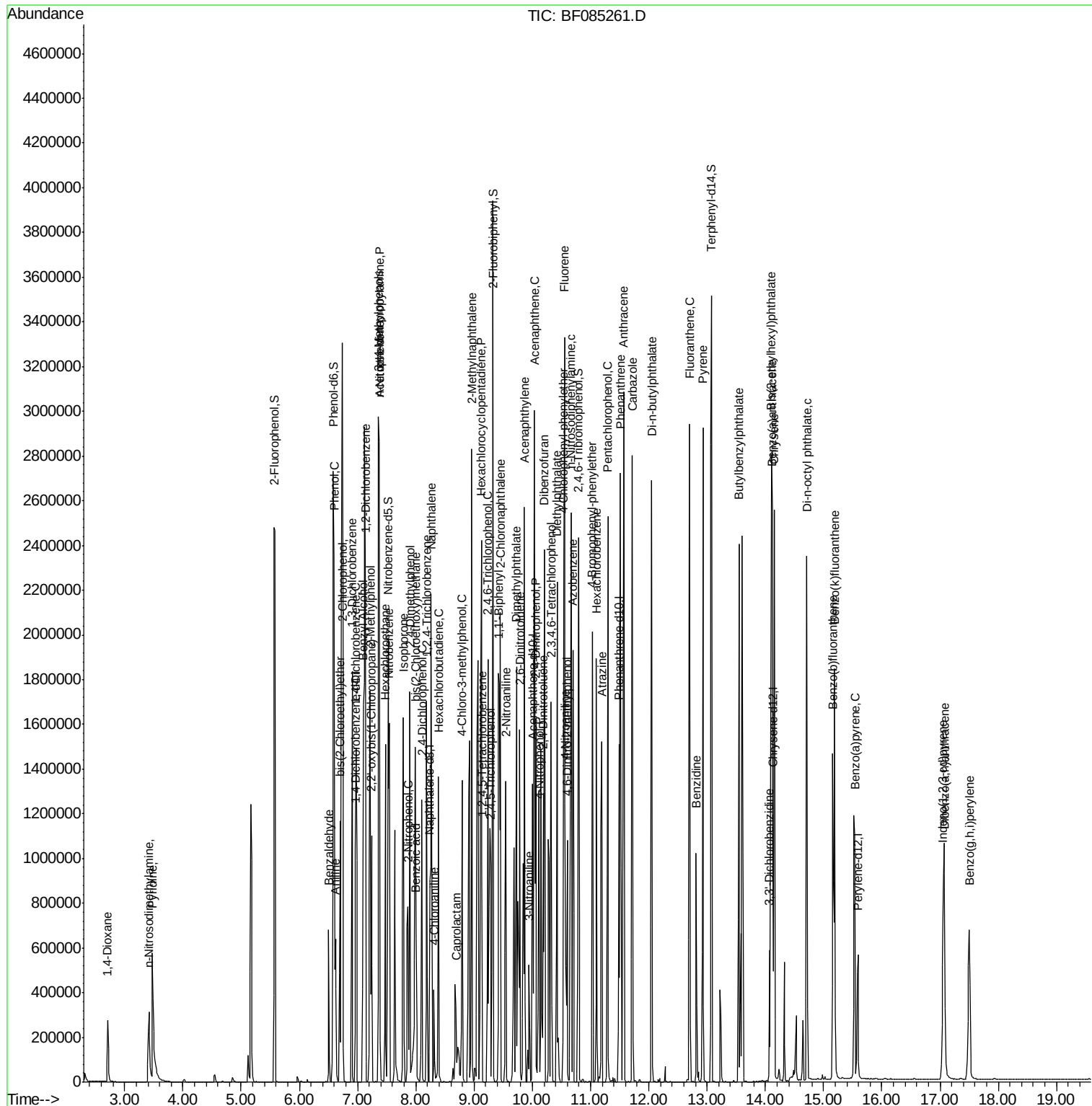
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ALS Vial  : 9 Sample Multiplier: 1
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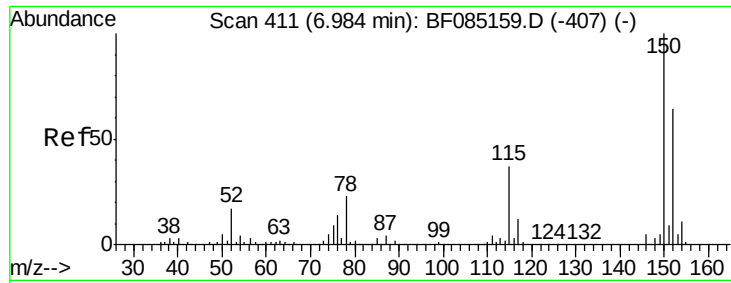
Instrument :
BNA_F
ClientSampleId :
PB88766BS

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#1

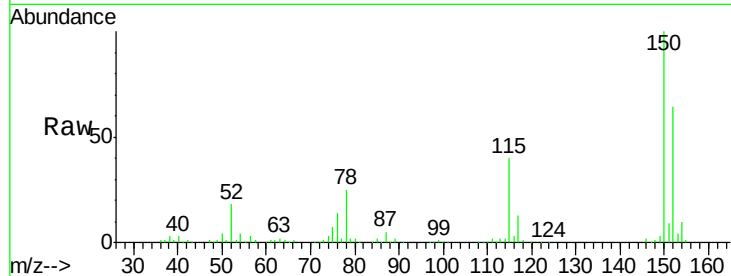
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

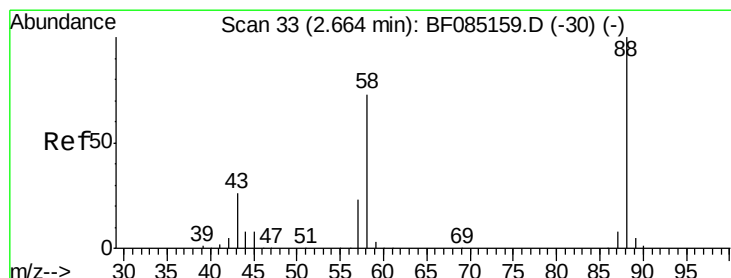
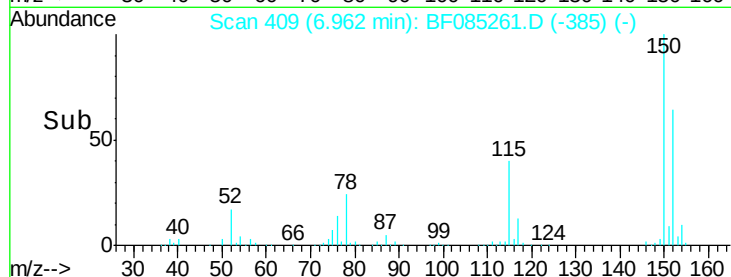
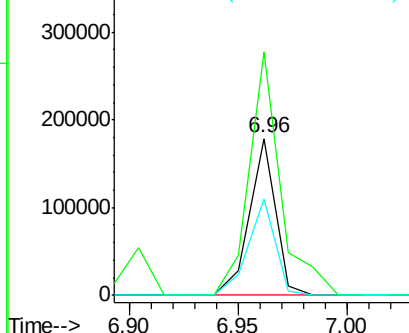
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	149489		
150	155.5	124.6	186.8	
115	61.5	46.6	70.0	

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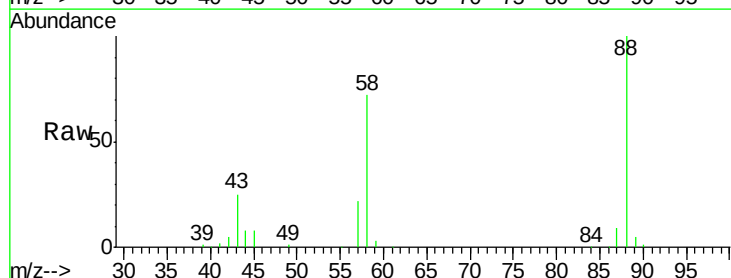
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



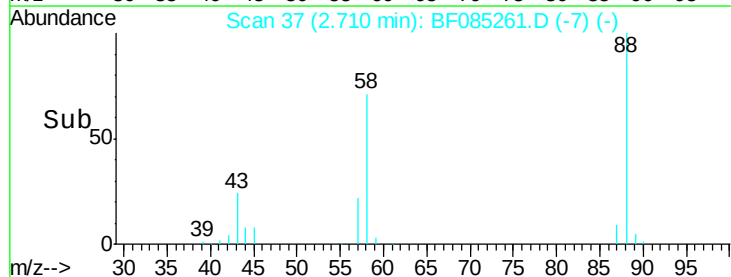
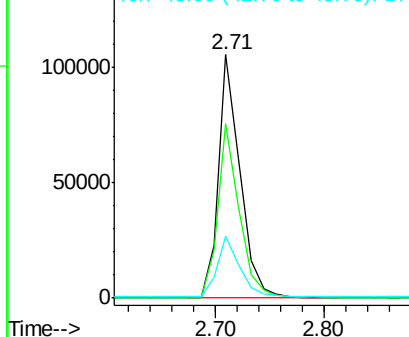
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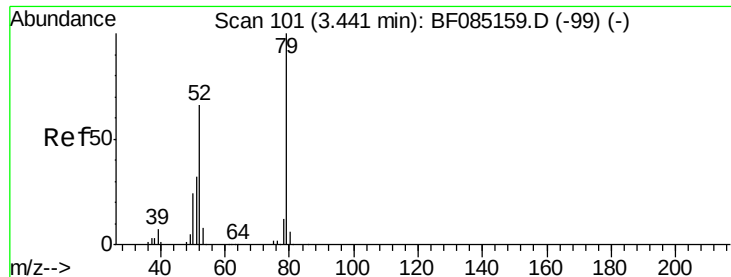
1,4-Dioxane
Concen: 32.08 ng
RT: 2.71 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	146212		
58	72.0	57.0	85.6	
43	25.9	20.5	30.7	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.79 ng

RT: 3.48 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

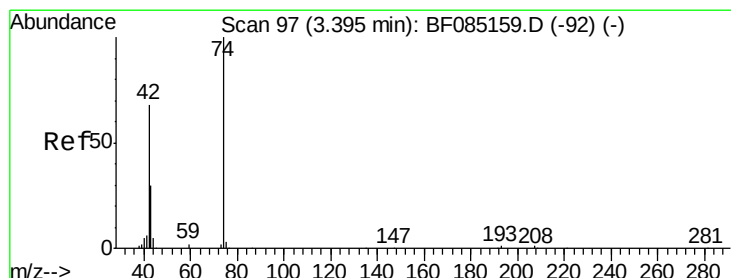
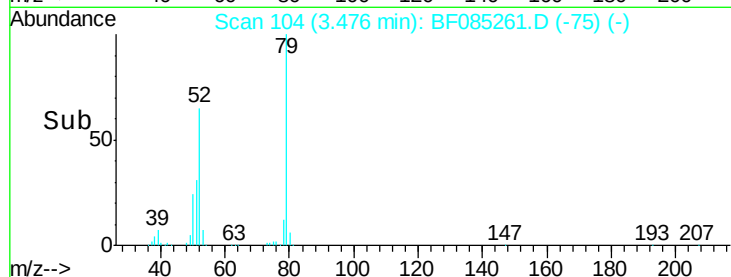
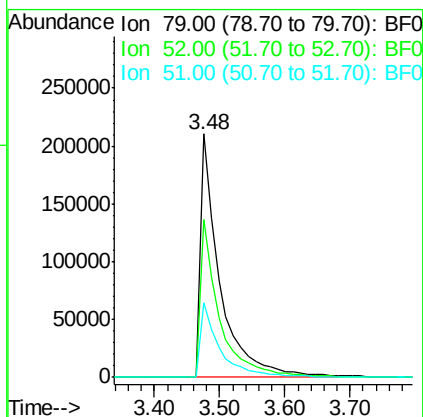
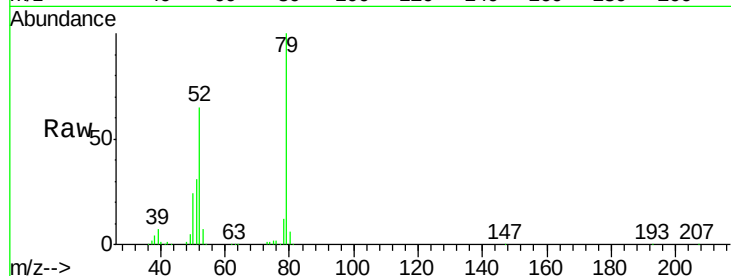
ClientSampleId :

PB88766BS

Tgt Ion:	79	Resp:	431077
Ion	Ratio	Lower	Upper
79	100		
52	64.8	52.6	79.0
51	30.8	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 38.15 ng

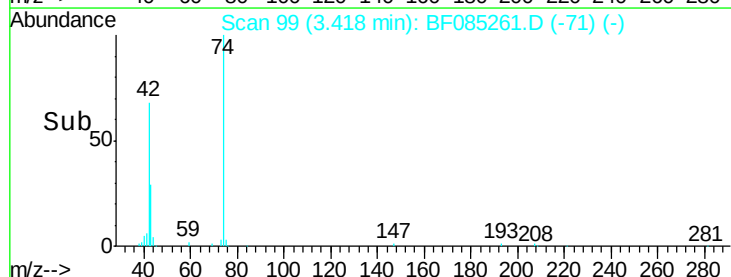
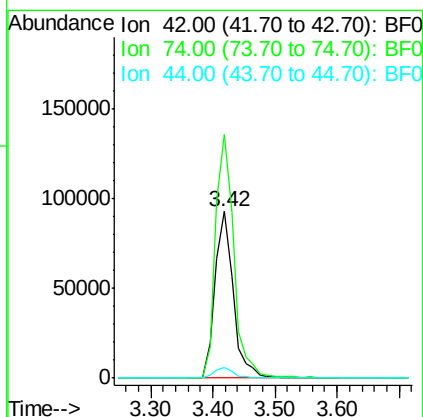
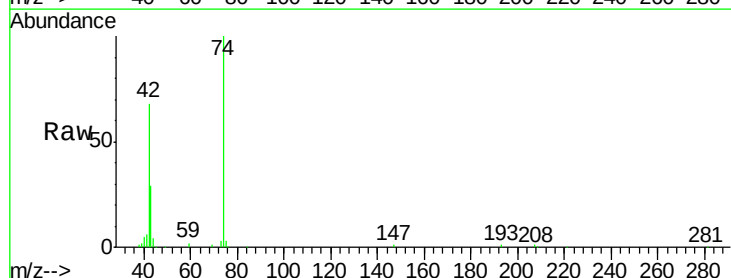
RT: 3.42 min Scan# 99

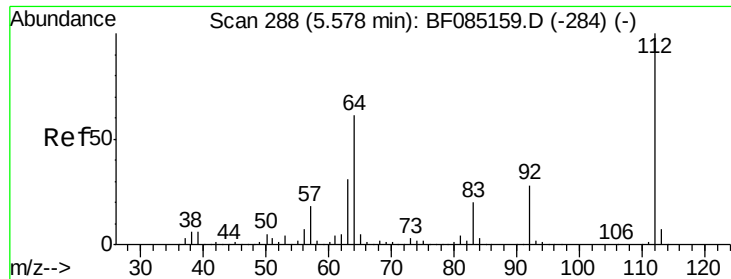
Delta R.T. 0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	42	Resp:	186260
Ion	Ratio	Lower	Upper
42	100		
74	146.0	116.8	175.2
44	6.4	5.5	8.3





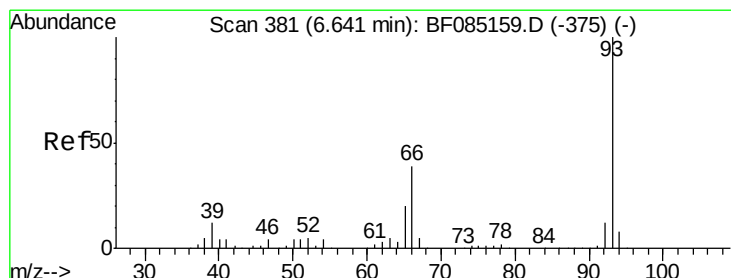
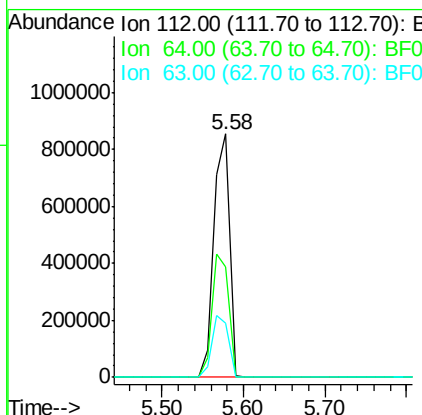
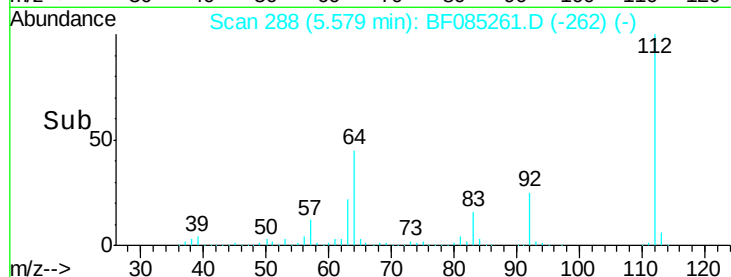
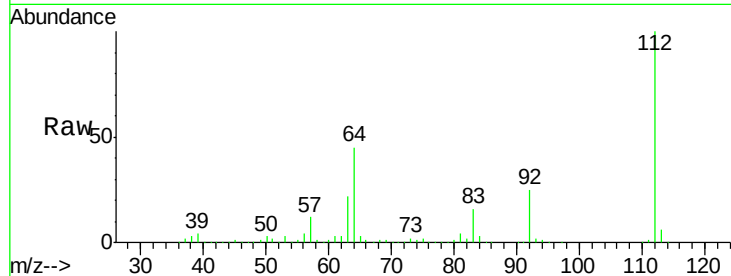
#5
 2-Fluorophenol
 Concen: 128.83 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion: 112 Resp: 1148168
 Ion Ratio Lower Upper
 112 100
 64 45.1 49.0 73.4#
 63 22.5 24.8 37.2#

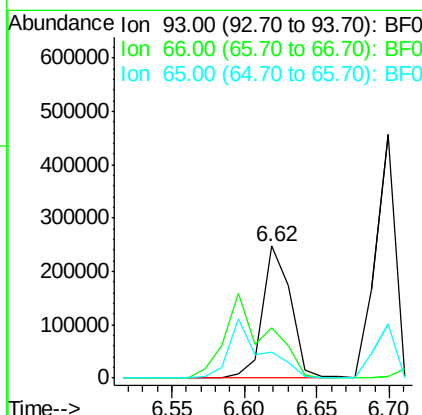
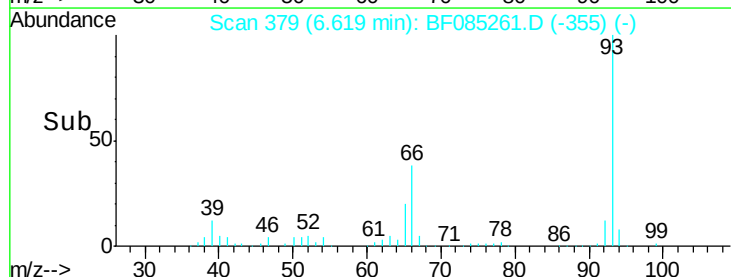
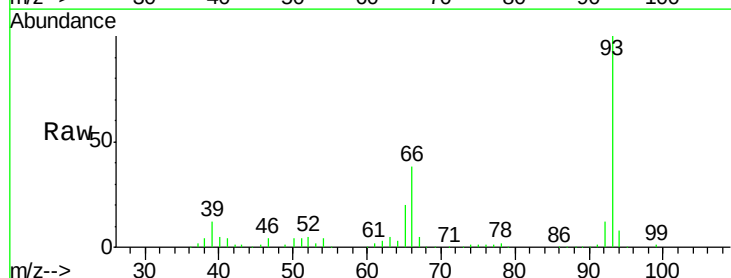
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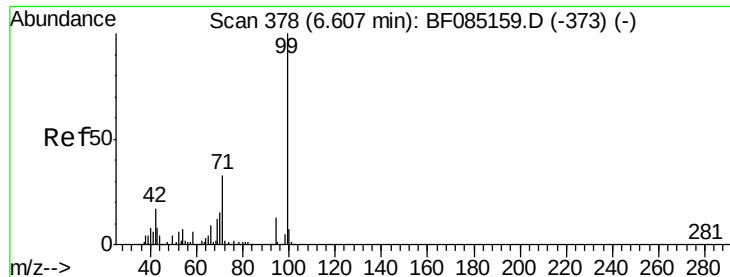
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#6
 Aniline
 Concen: 20.34 ng
 RT: 6.62 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion: 93 Resp: 332842
 Ion Ratio Lower Upper
 93 100
 66 38.4 31.6 47.4
 65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 115.58 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

Tgt Ion: 99 Resp: 1349469

Ion Ratio Lower Upper

99 100

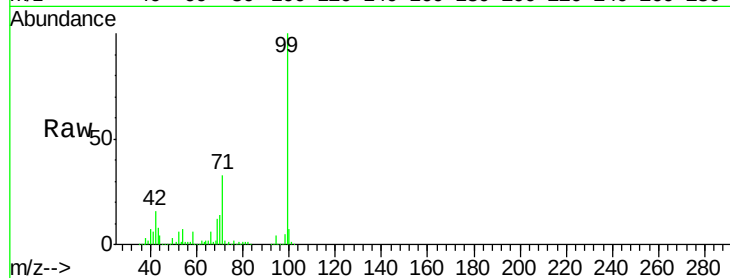
42 16.5 13.6 20.4

71 33.5 26.7 40.1

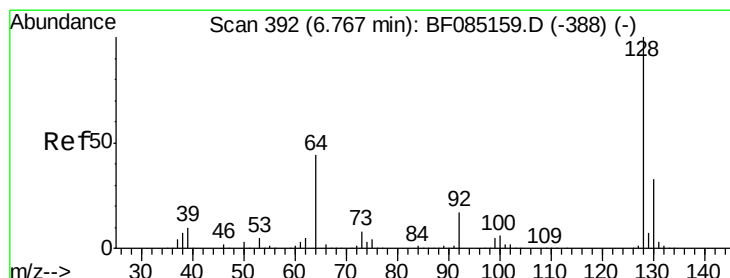
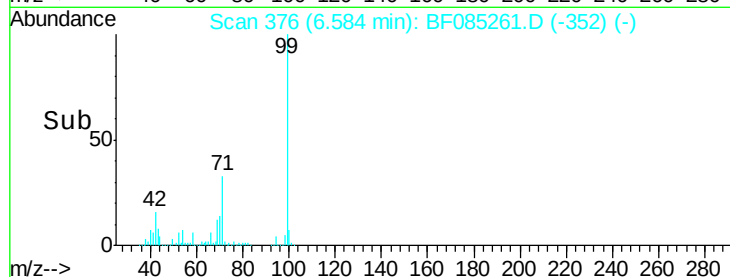
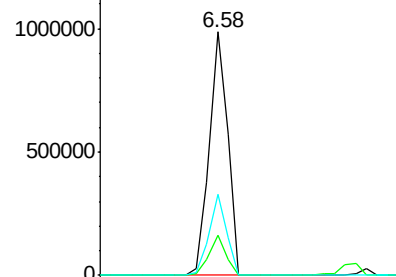
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

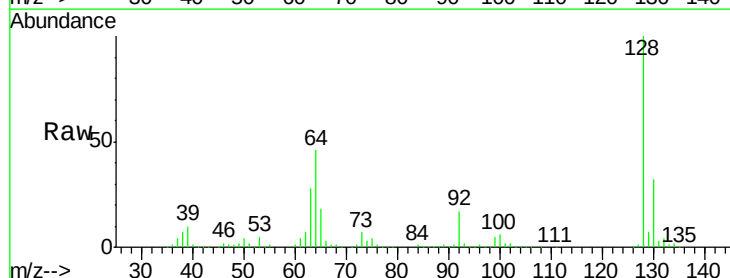
Tgt Ion: 128 Resp: 424134

Ion Ratio Lower Upper

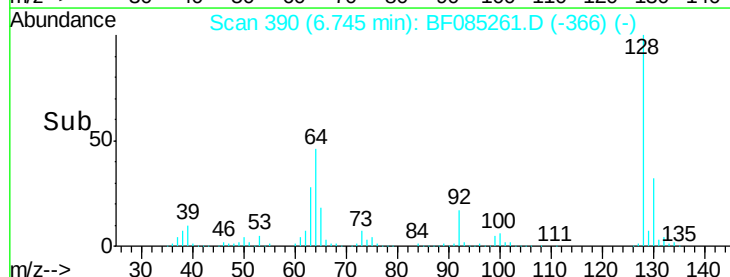
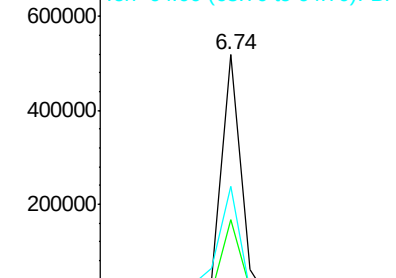
128 100

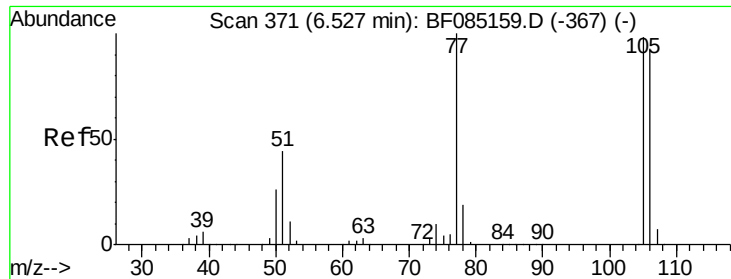
130 32.3 13.3 53.3

64 45.9 25.7 65.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.55 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

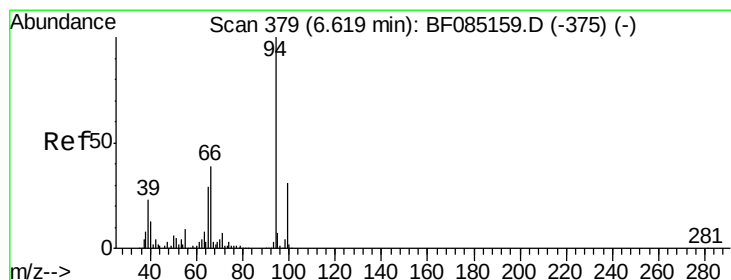
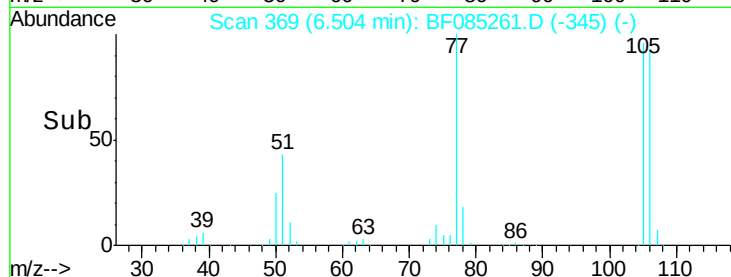
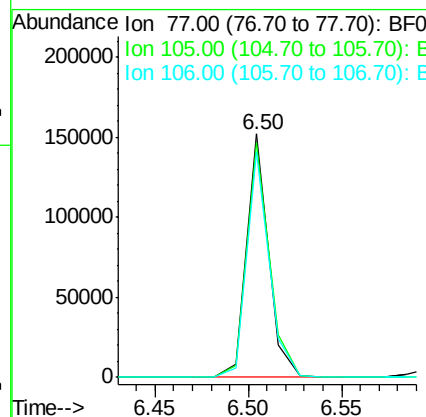
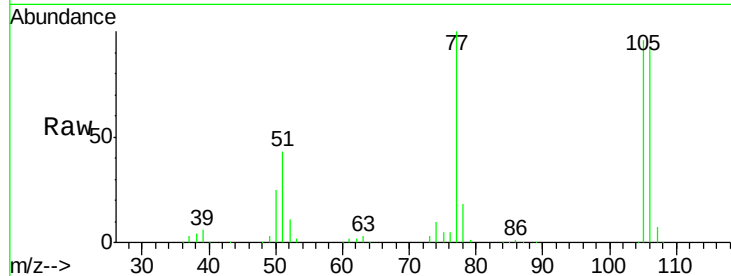
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Manual Integrations
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3/9/2016 3:26:36 PM

Tgt Ion:	77	Resp:	125144
Ion	Ratio	Lower	Upper
77	100		
105	96.3	78.2	118.2
106	92.9	72.9	112.9



#10

Phenol

Concen: 34.29 ng m

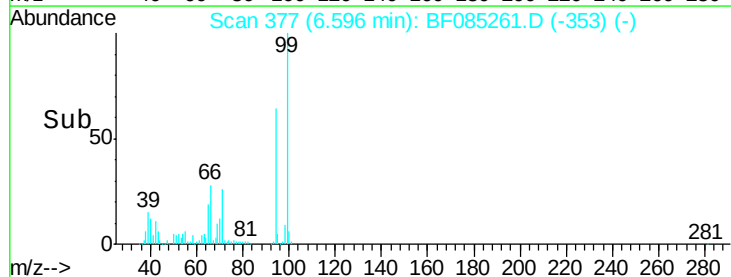
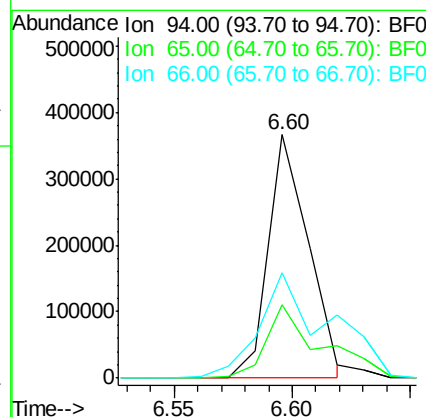
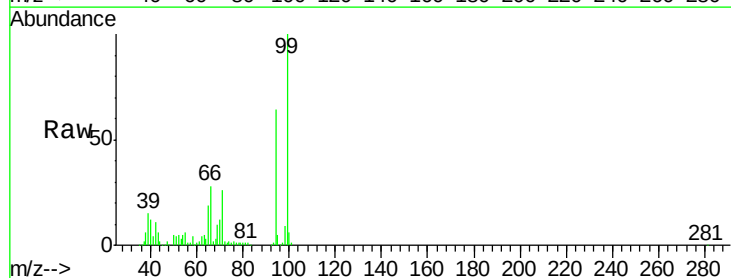
RT: 6.60 min Scan# 377

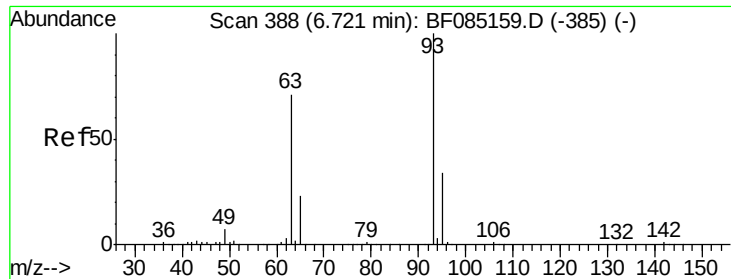
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	94	Resp:	428794
Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.1	49.1
66	43.4	19.3	59.3





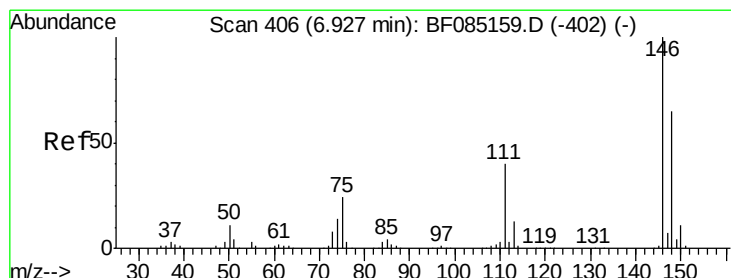
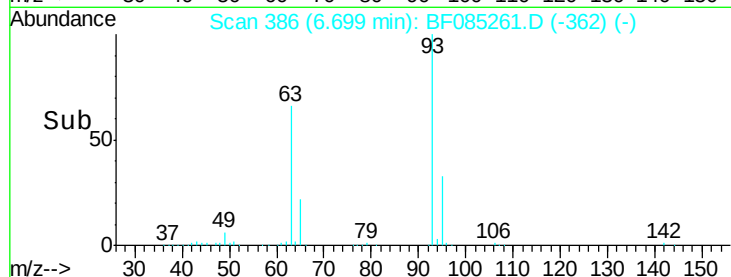
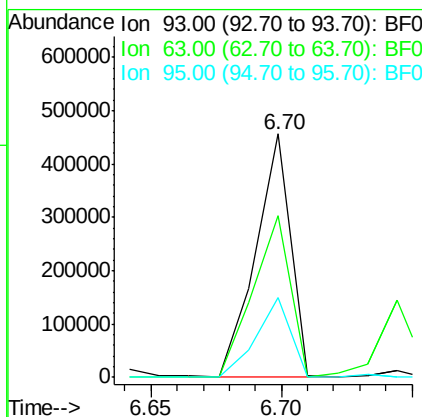
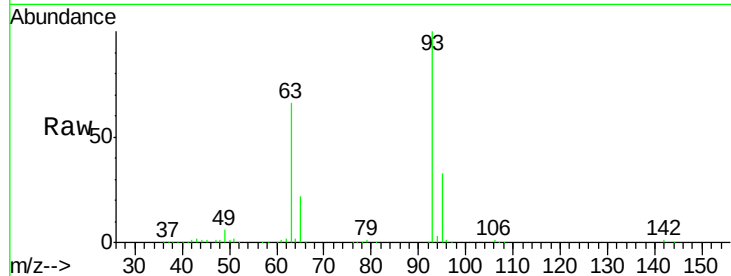
#11
bis(2-Chloroethyl)ether
Concen: 41.20 ng
RT: 6.70 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	427942		
63	66.4	50.9	90.9	
95	32.9	13.7	53.7	

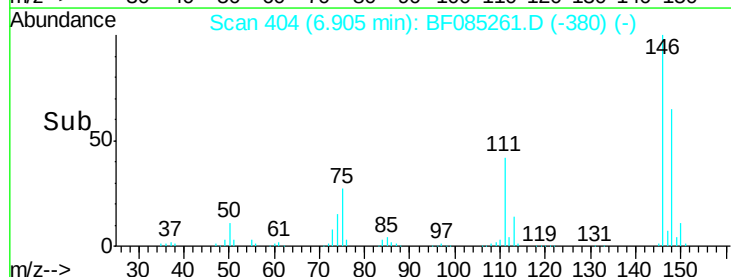
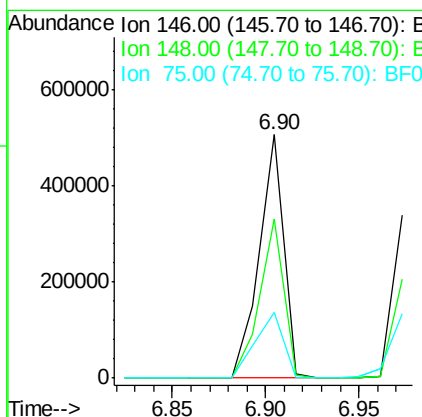
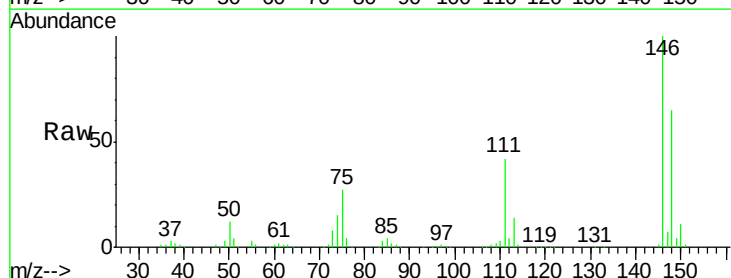
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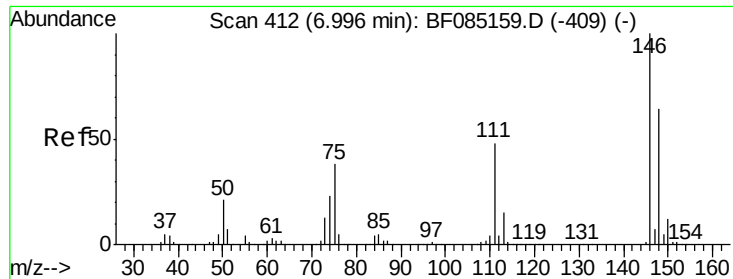
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#12
1,3-Dichlorobenzene
Concen: 39.64 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	456621		
148	65.4	52.1	78.1	
75	26.9	19.5	29.3	





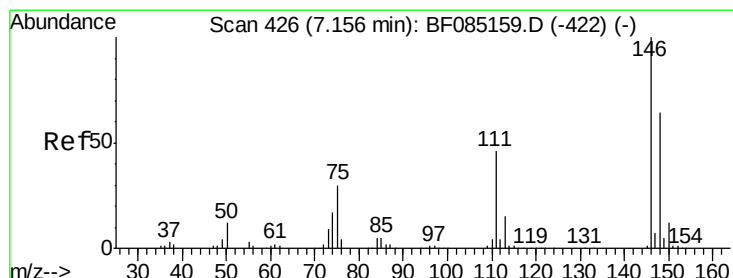
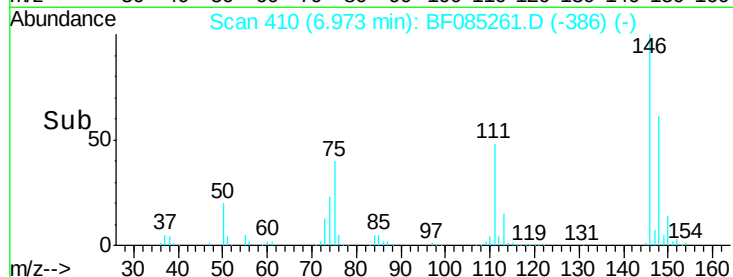
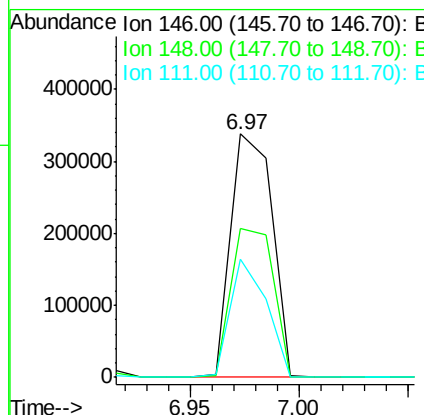
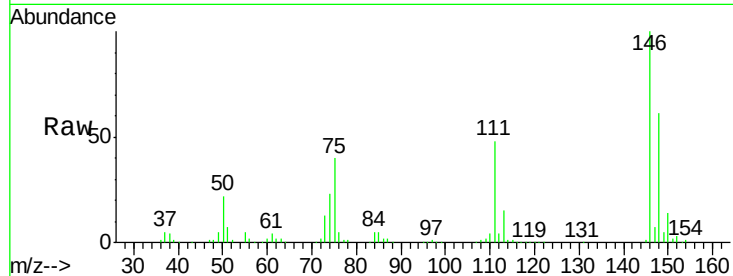
#13
 1,4-Dichlorobenzene
 Concen: 38.51 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	51.3	76.9
111	48.3	38.4	57.6

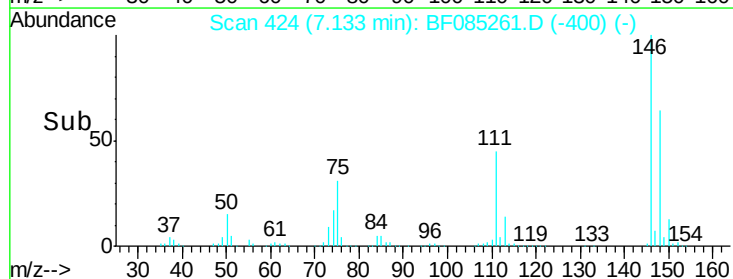
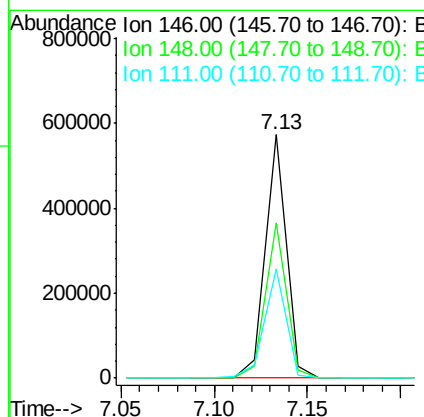
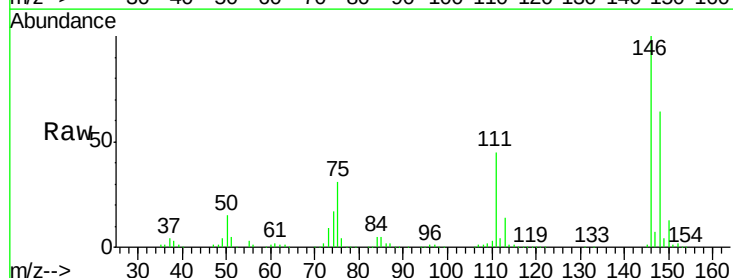
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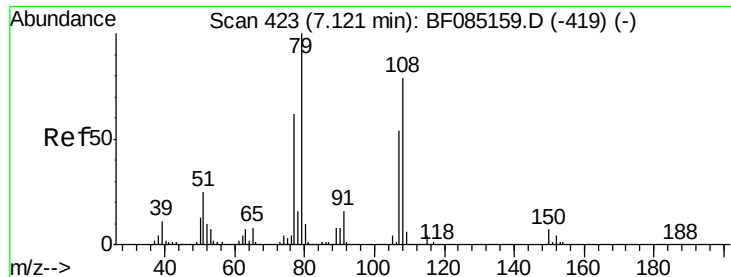
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#14
 1,2-Dichlorobenzene
 Concen: 42.23 ng
 RT: 7.13 min Scan# 424
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	44.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 40.98 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

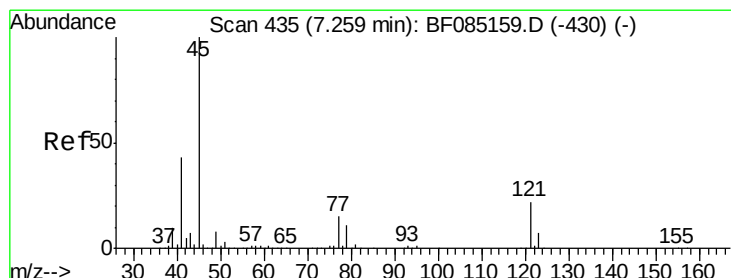
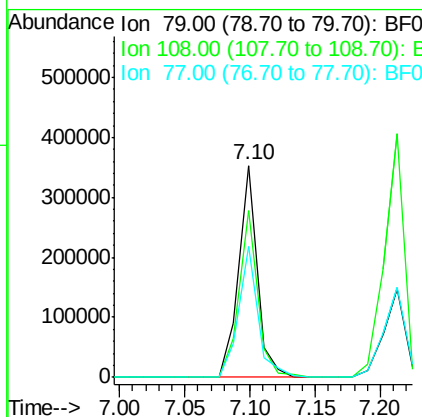
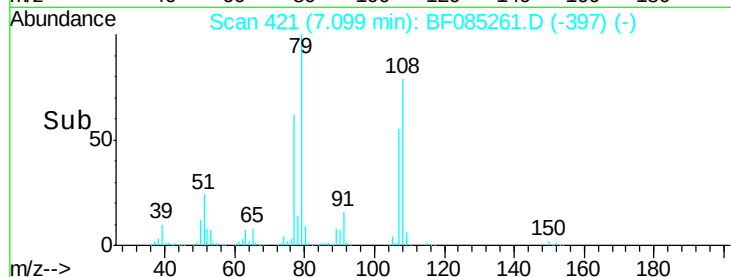
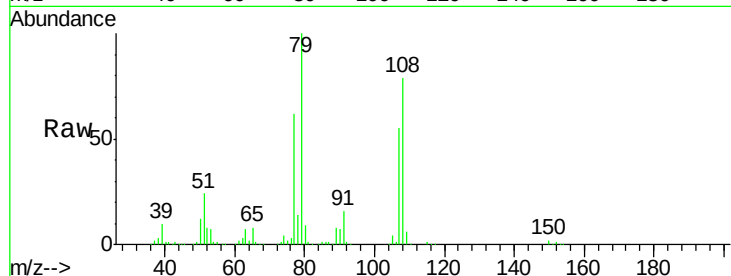
ClientSampled :

PB88766BS

Tgt Ion:	79	Resp:	351246
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.9	94.3
77	61.7	49.5	74.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.12 ng

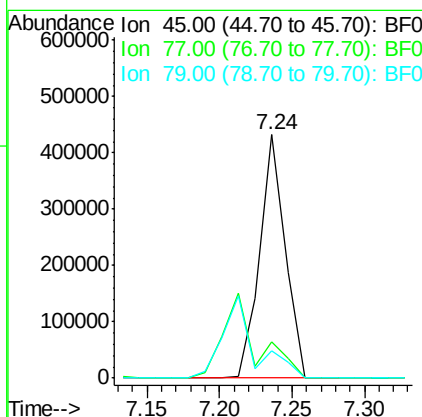
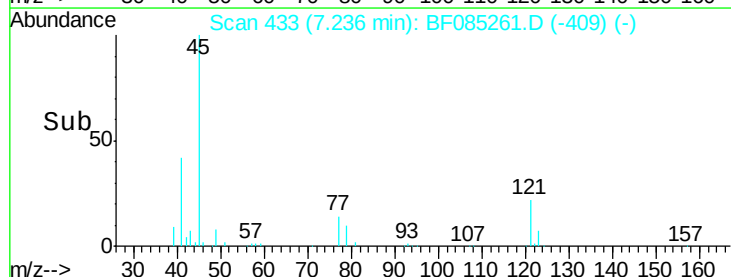
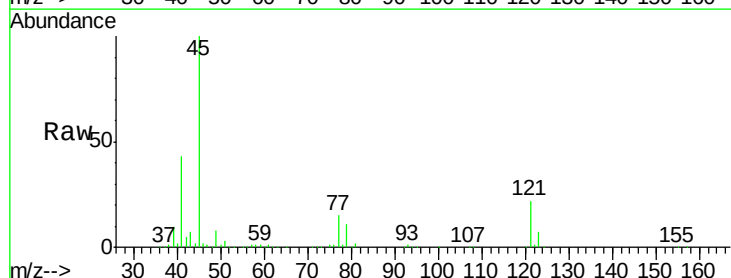
RT: 7.24 min Scan# 433

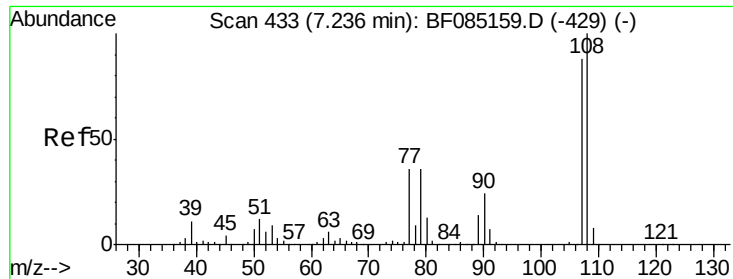
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	45	Resp:	525848
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.1
79	11.4	0.0	31.3





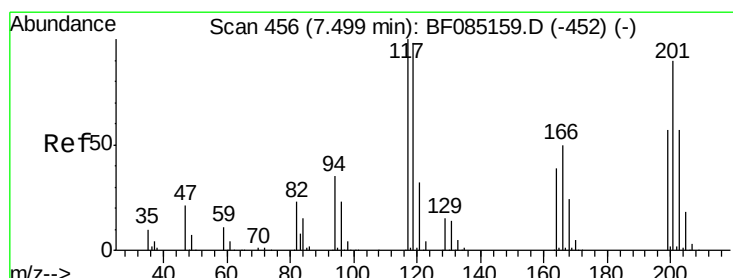
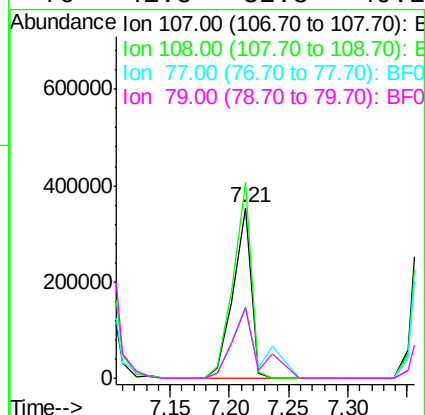
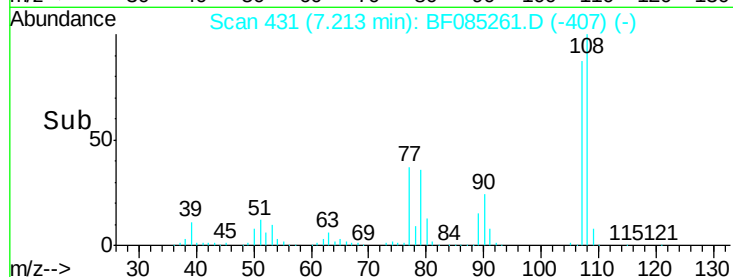
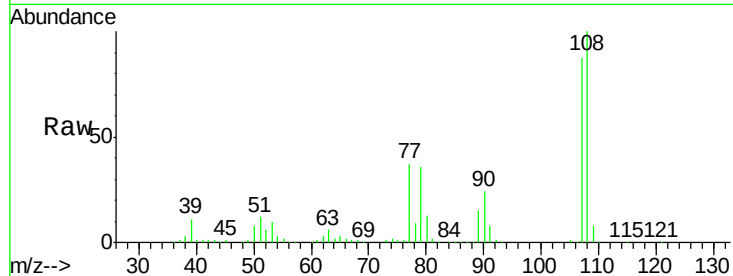
#17
2-Methylphenol
Concen: 42.75 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	374298		
108	114.5	90.9	136.3		
77	42.3	32.6	48.8		
79	41.5	32.8	49.2		

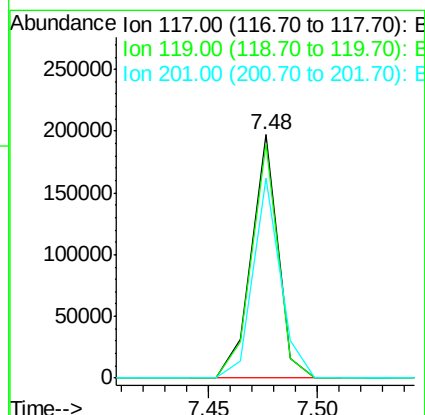
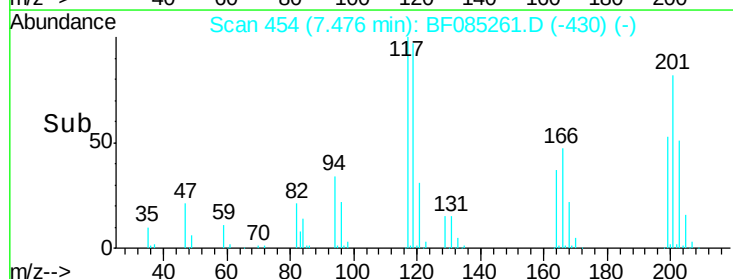
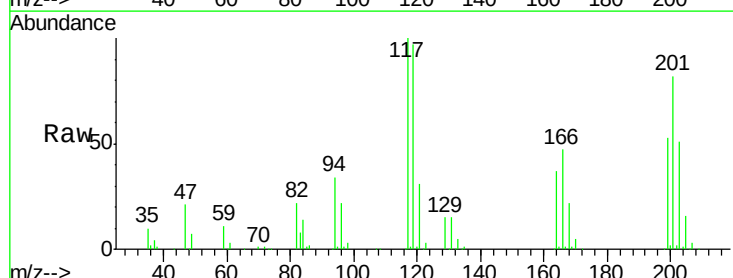
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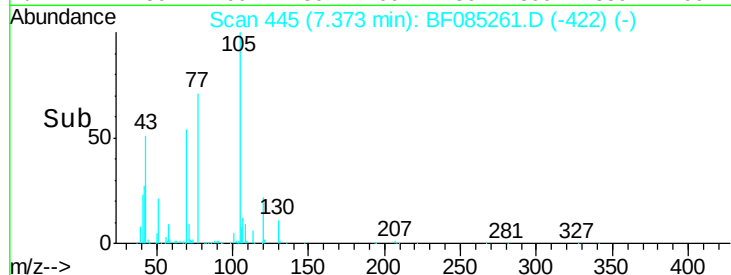
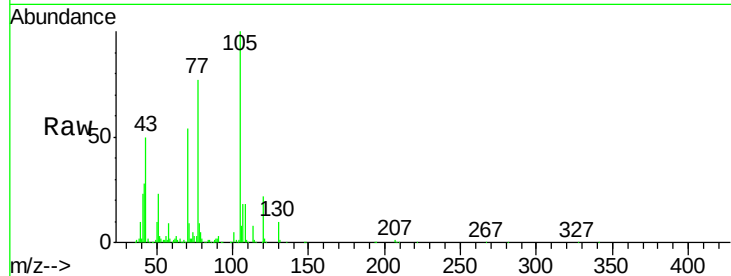
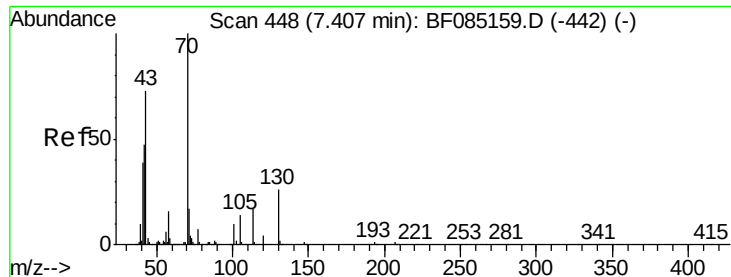
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#18
Hexachloroethane
Concen: 39.32 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	167446		
119	96.6	78.2	117.4		
201	82.1	72.0	108.0		





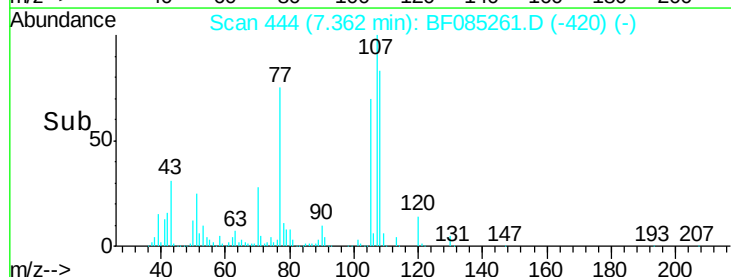
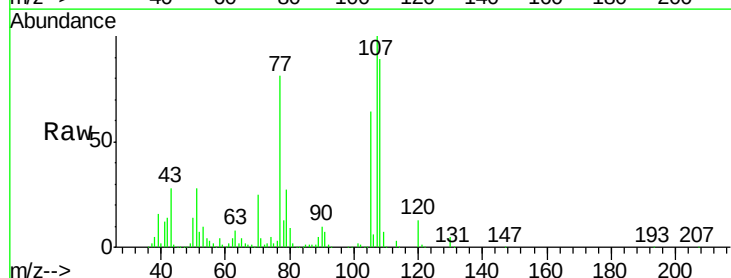
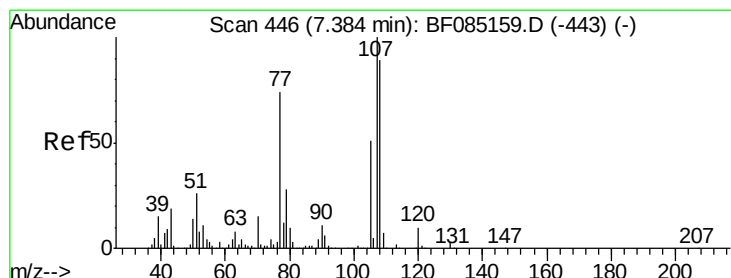
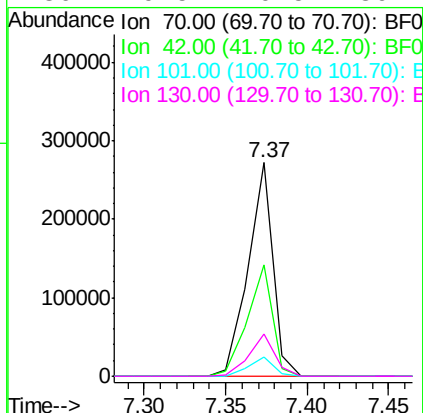
#19
n-Nitroso-di-n-propylamine
Concen: 37.74 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Manual Integrations
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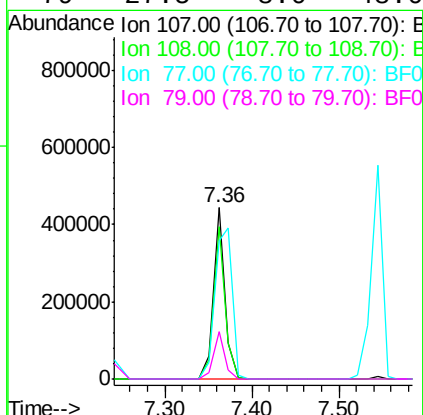
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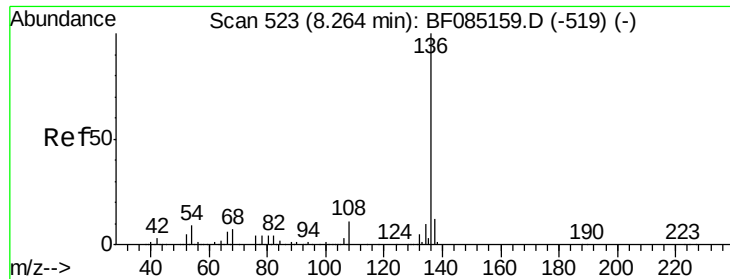
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.4	37.7	56.5
101	9.2	8.2	12.4
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.8	108.8
77	80.7	53.6	93.6
79	27.5	8.0	48.0





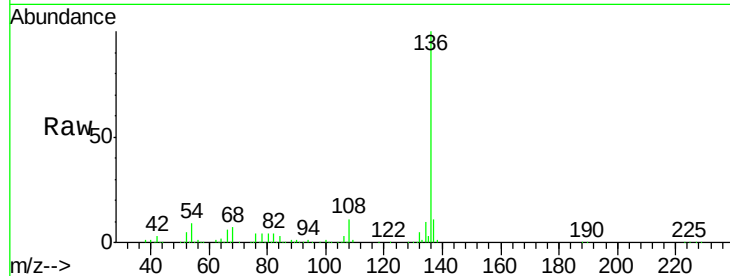
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

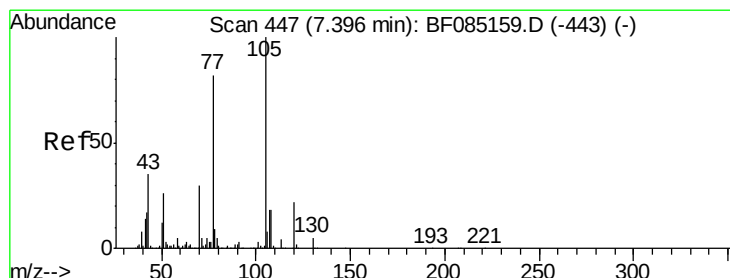
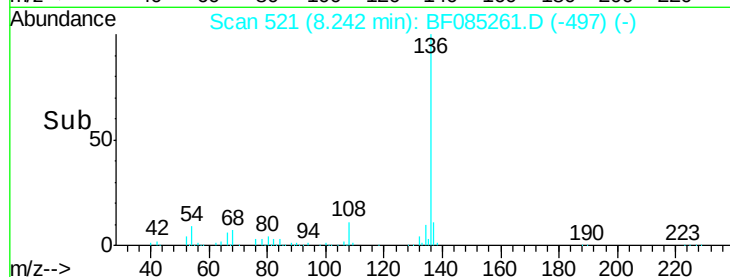
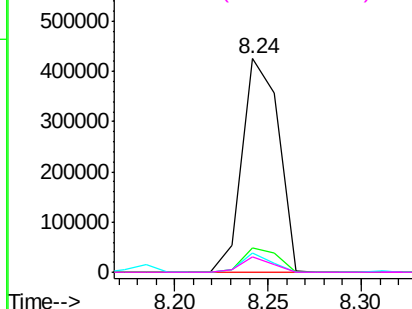
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	575207		
137	11.3	9.3	13.9	
54	9.3	7.4	11.2	
68	7.3	6.0	9.0	

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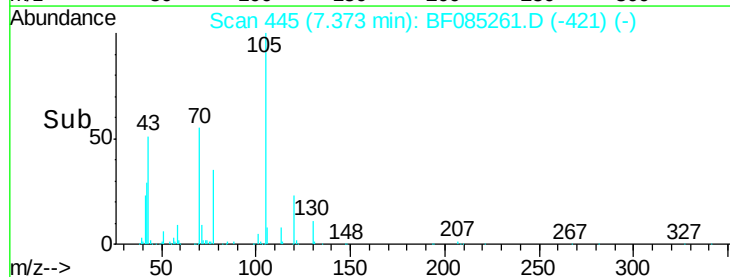
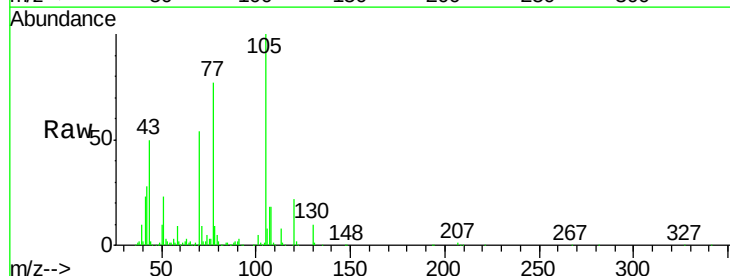
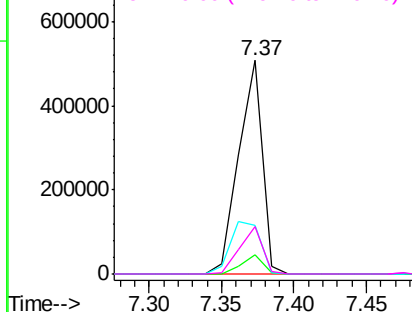
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

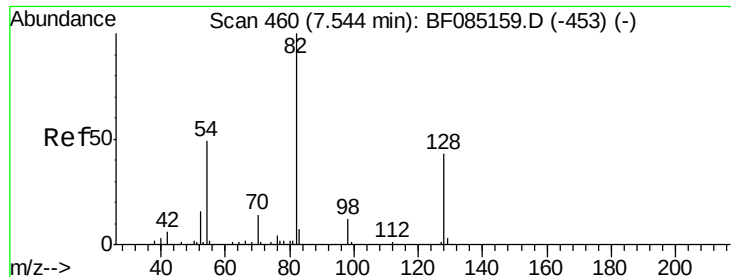


#22
Acetophenone
Concen: 40.79 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	572718		
71	9.0	4.1	6.1#	
51	22.6	21.1	31.7	
120	22.5	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.75 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

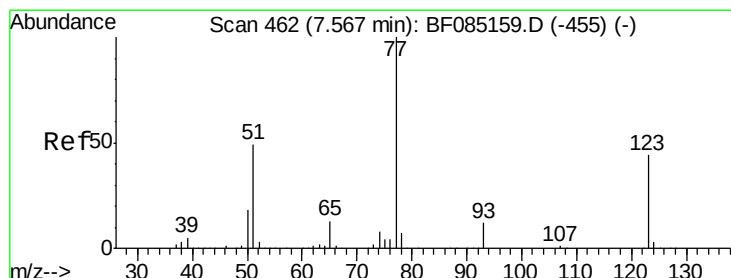
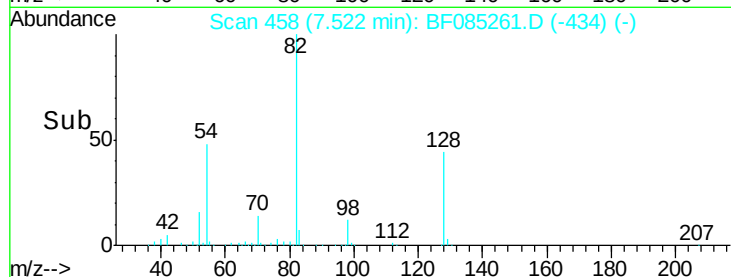
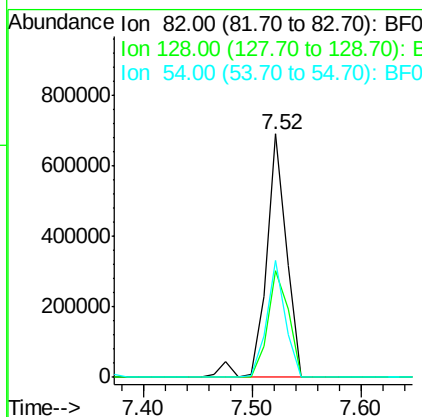
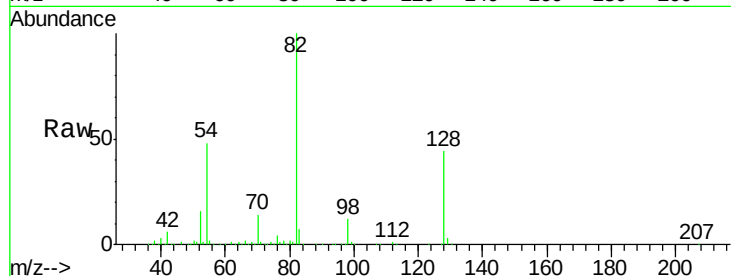
ClientSampleId :

PB88766BS

Tgt Ion:	82	Resp:	889471
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.5	51.7
54	48.2	39.3	58.9

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#24

Nitrobenzene

Concen: 44.88 ng

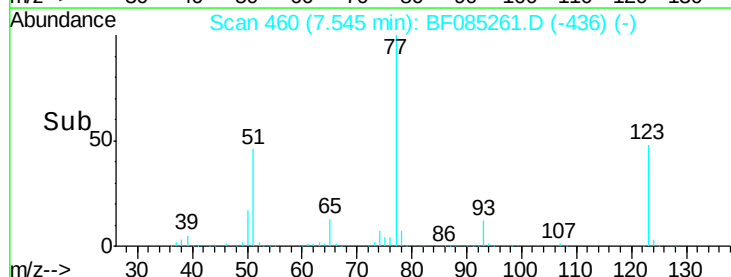
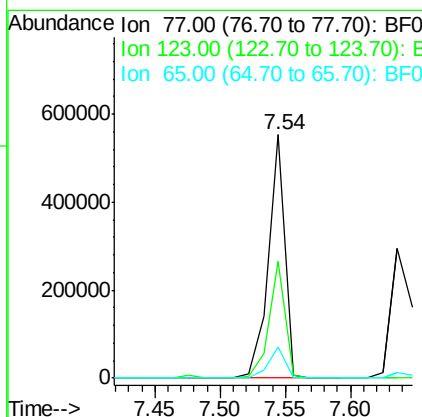
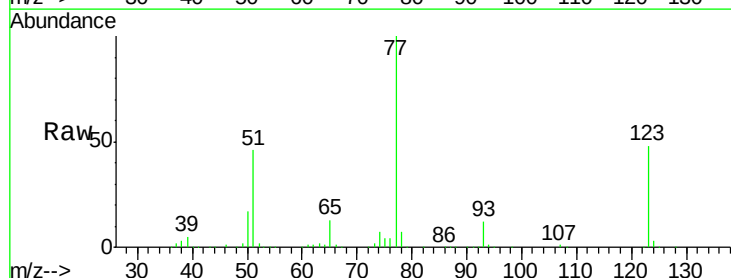
RT: 7.54 min Scan# 460

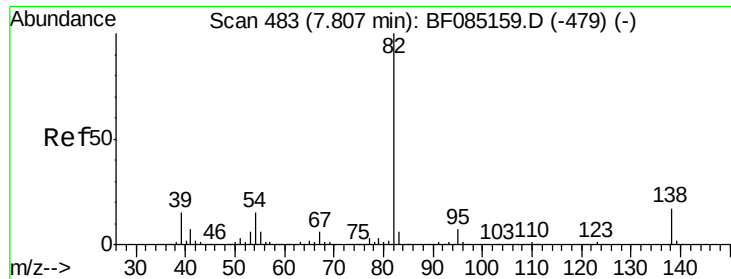
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	77	Resp:	490084
Ion Ratio	Lower	Upper	
77	100		
123	48.0	35.4	53.2
65	12.9	10.6	16.0





#25

Isophorone

Concen: 41.52 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

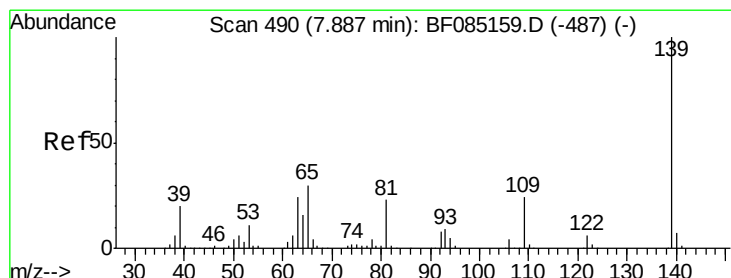
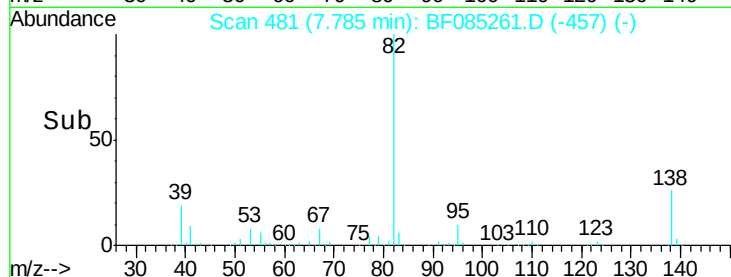
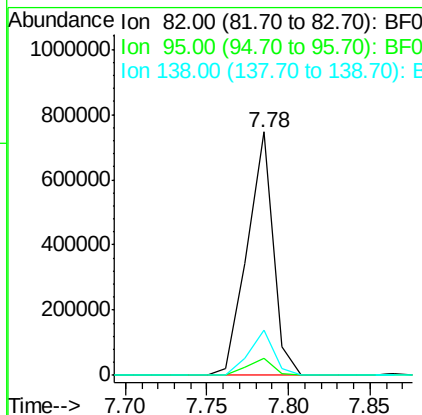
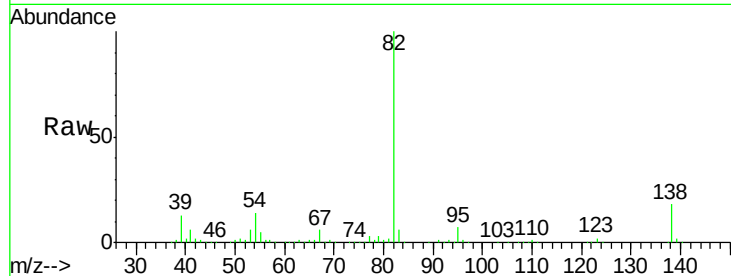
ClientSampleId :

PB88766BS

Tgt Ion:	82	Resp:	827082
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.52 ng

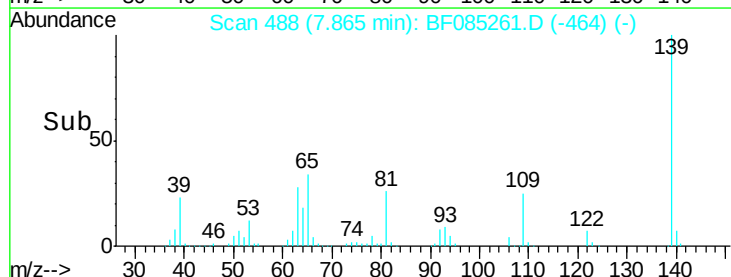
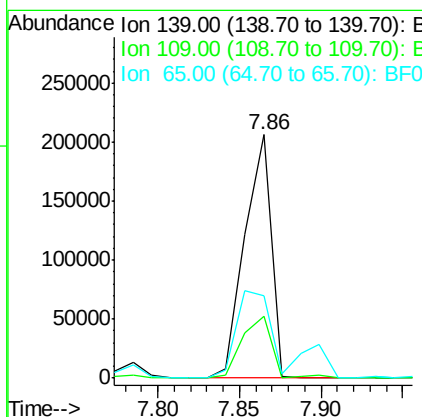
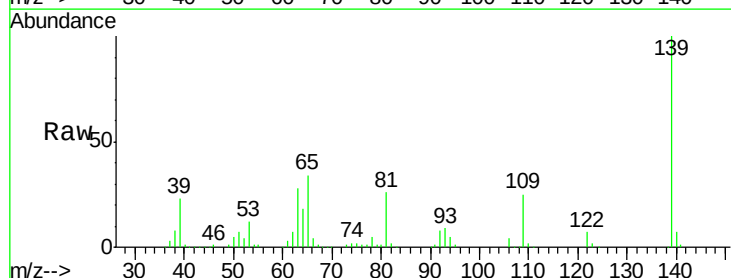
RT: 7.86 min Scan# 488

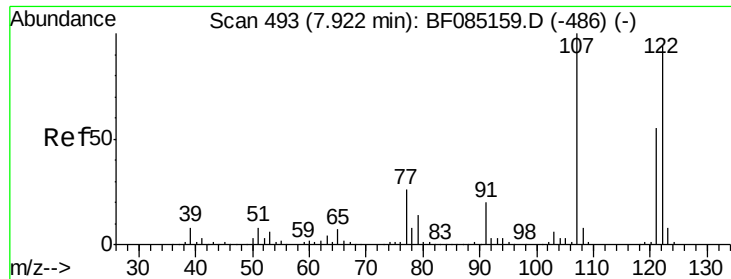
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	139	Resp:	231271
Ion Ratio	Lower	Upper	
139	100		
109	25.4	19.1	28.7
65	33.9	23.9	35.9





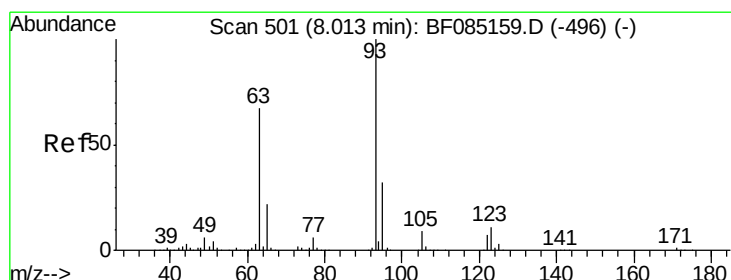
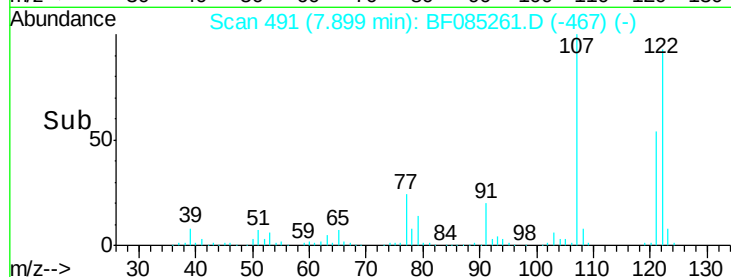
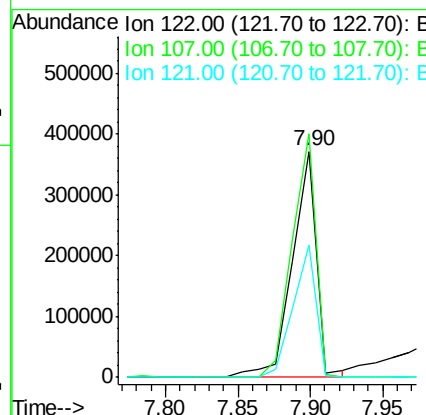
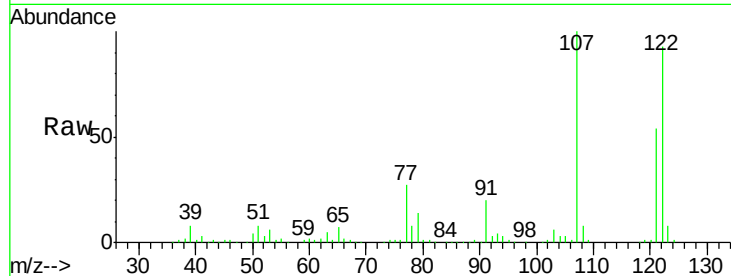
#27
2,4-Dimethylphenol
Concen: 44.23 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	429537		
107	107.8	84.8	127.2	
121	58.7	47.0	70.6	

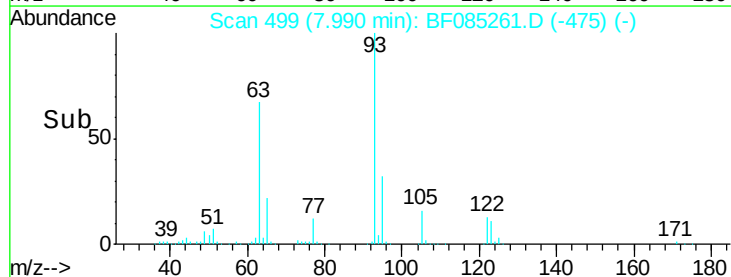
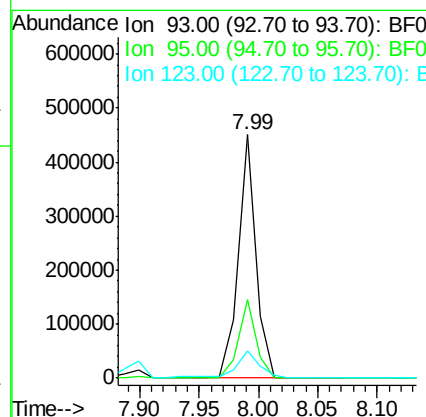
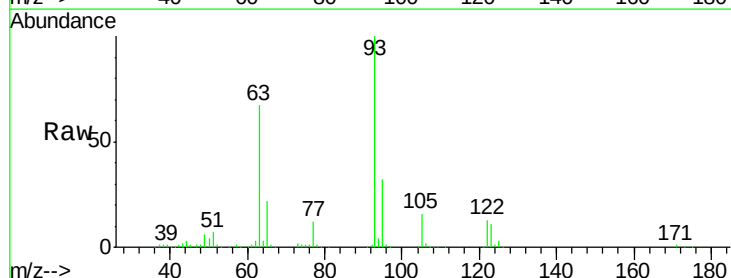
Manual Integrations
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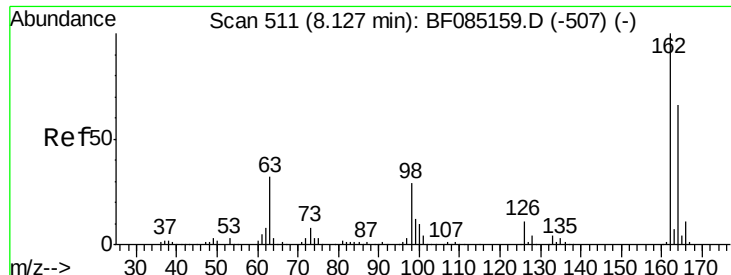
UMANGI
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#28
bis(2-Chloroethoxy)methane
Concen: 41.99 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	465858		
95	32.5	25.9	38.9	
123	11.3	8.8	13.2	





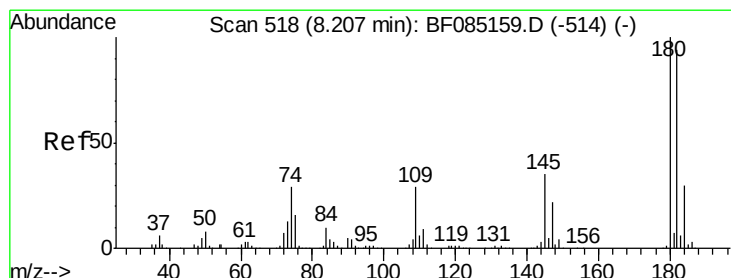
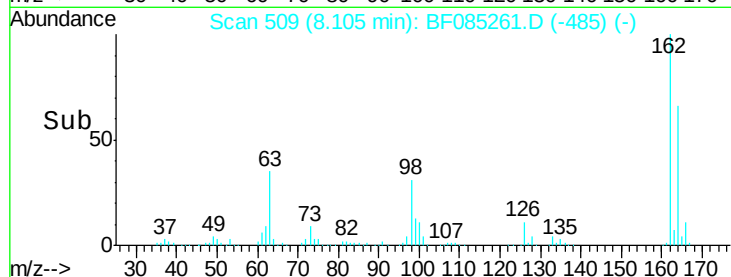
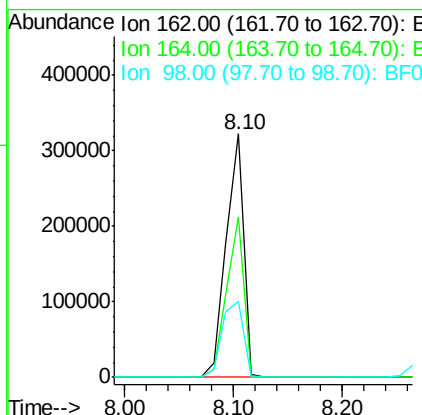
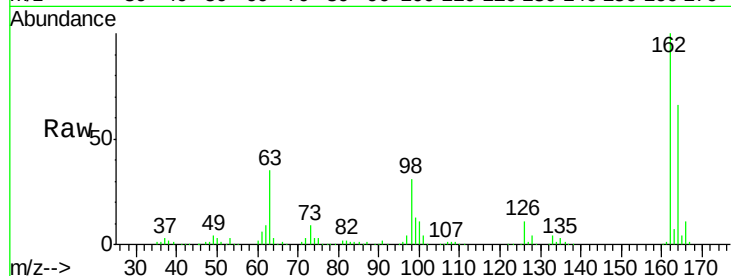
#29
 2,4-Dichlorophenol
 Concen: 45.95 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	359891		
164	65.9	45.7	85.7	
98	31.0	9.4	49.4	

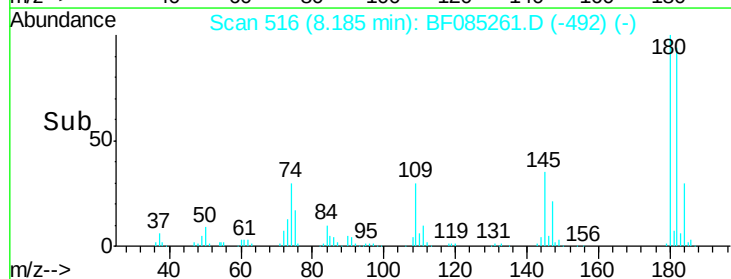
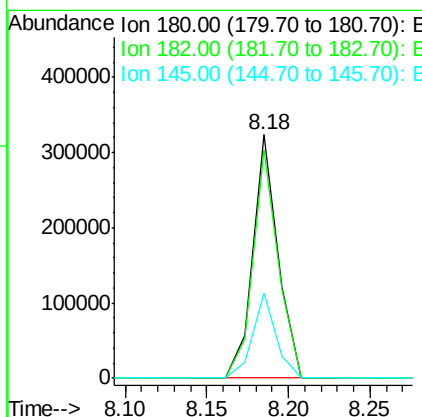
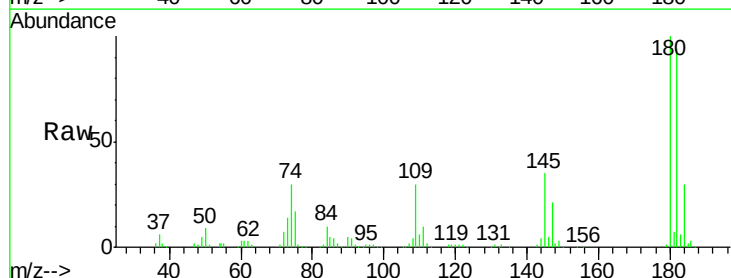
Manual Integrations
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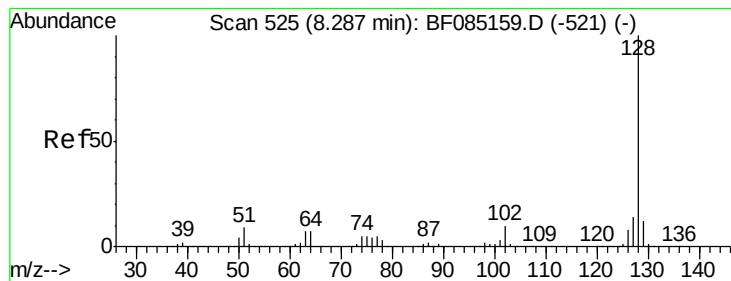
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.74 ng
 RT: 8.18 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344950		
182	93.5	74.9	112.3	
145	34.8	27.9	41.9	





#31

Naphthalene

Concen: 41.35 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085261.D

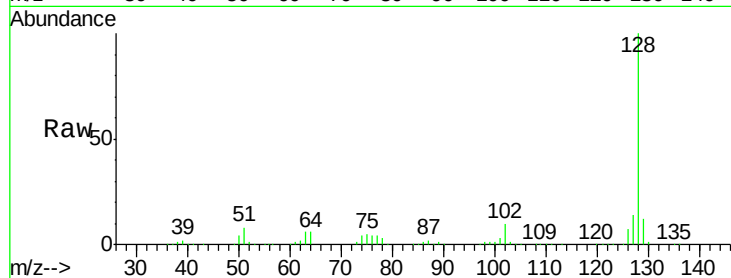
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS



Tgt Ion:128 Resp: 1169487

Ion Ratio Lower Upper

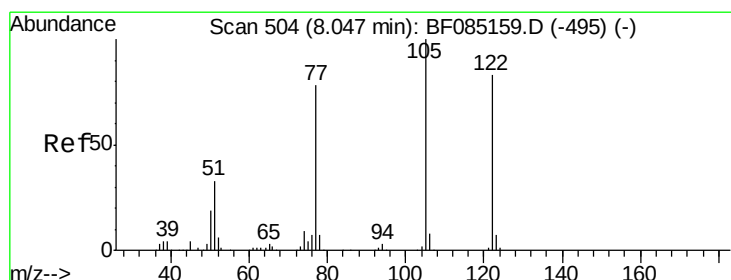
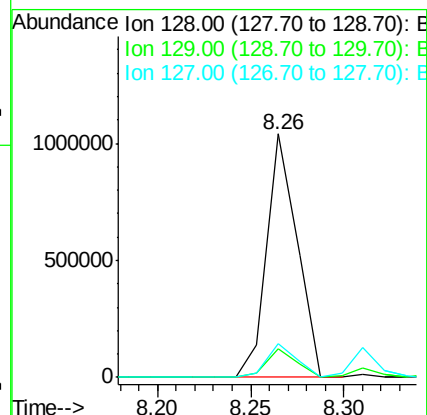
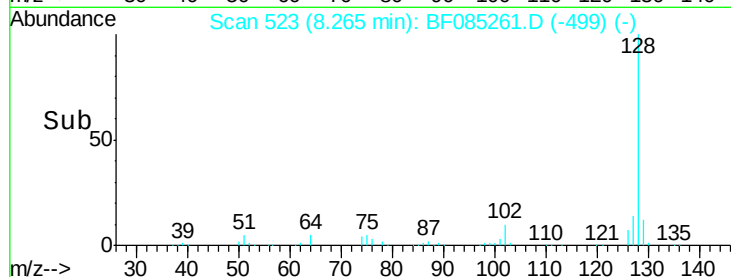
128 100

129 11.6 9.7 14.5

127 13.7 11.2 16.8

Manual Integrations
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#32

Benzoic acid

Concen: 40.32 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

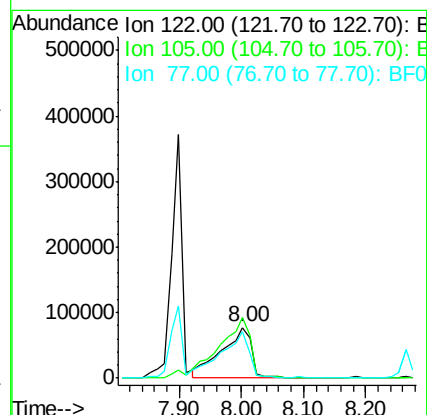
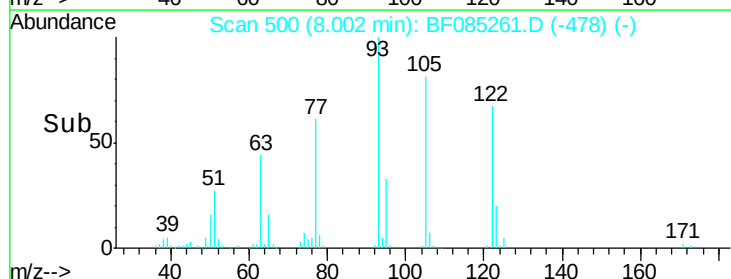
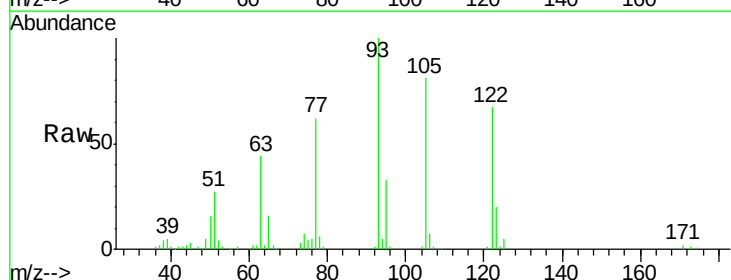
Tgt Ion:122 Resp: 260052

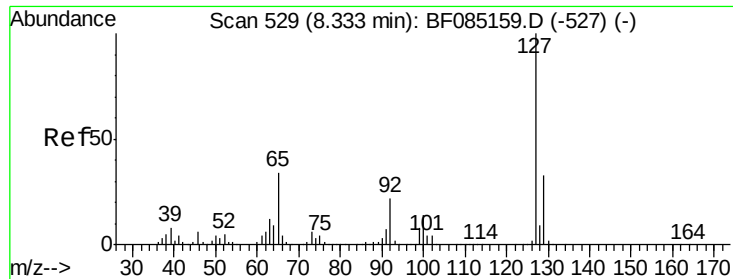
Ion Ratio Lower Upper

122 100

105 121.2 101.3 141.3

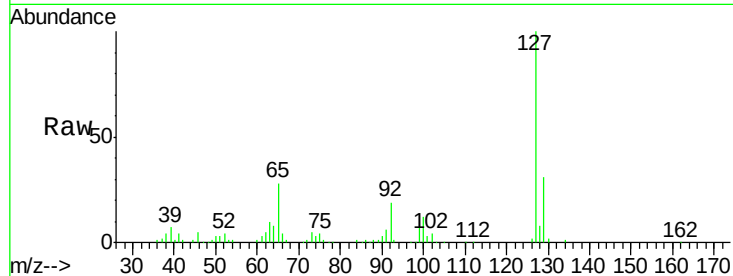
77 92.1 74.7 114.7





#33
4-Chloroaniline
Concen: 11.18 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

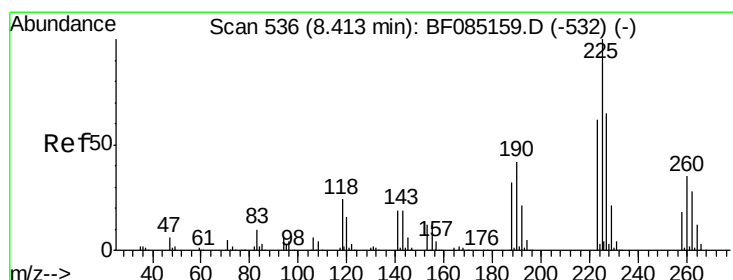
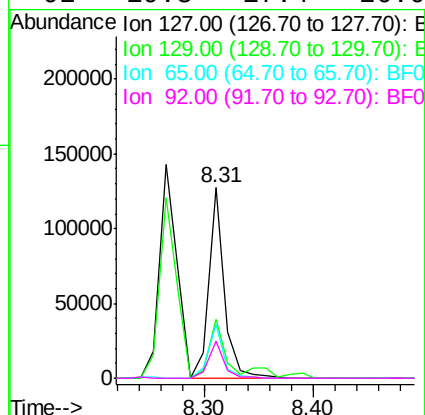
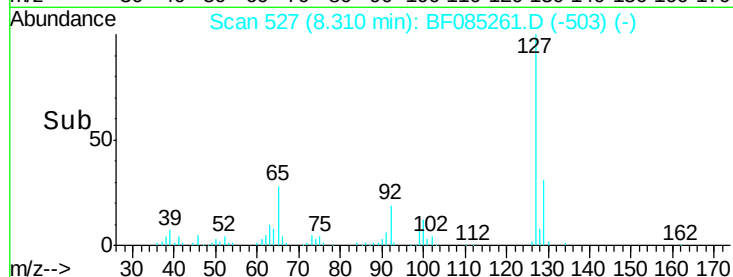
Instrument :
BNA_F
ClientSampleId :
PB88766BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	127901		
129	31.3	26.1	39.1	
65	28.5	27.0	40.6	
92	19.3	17.4	26.0	

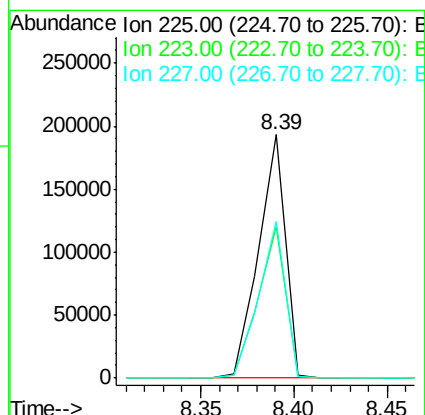
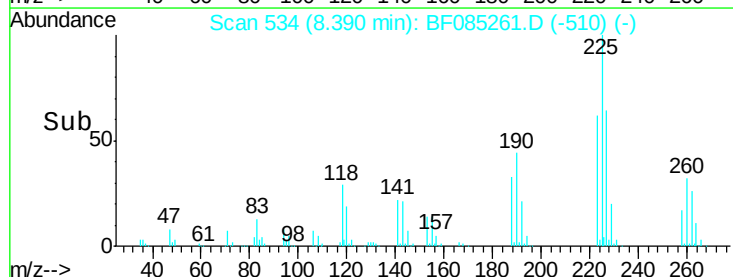
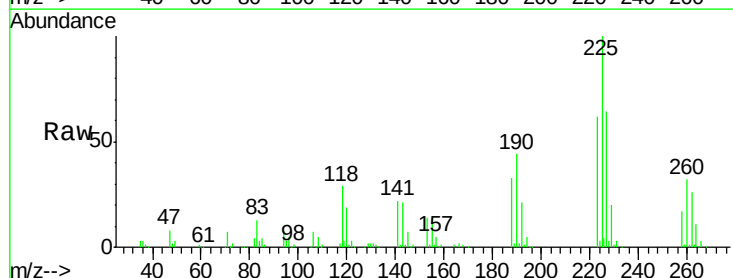
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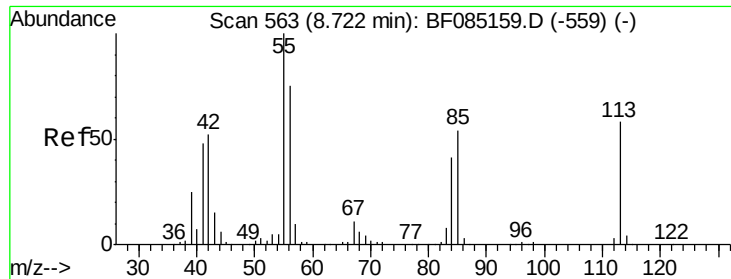
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3/9/2016 3:26:36 PM



#34
Hexachlorobutadiene
Concen: 43.47 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191533		
223	62.3	49.7	74.5	
227	64.2	52.2	78.4	





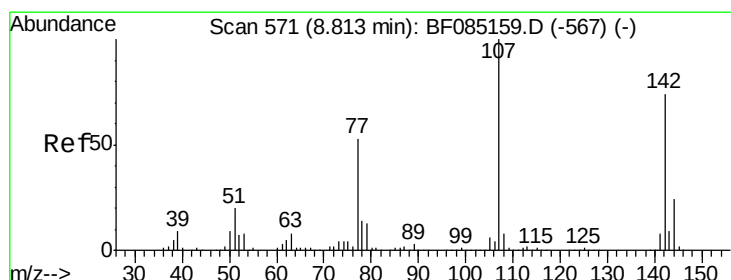
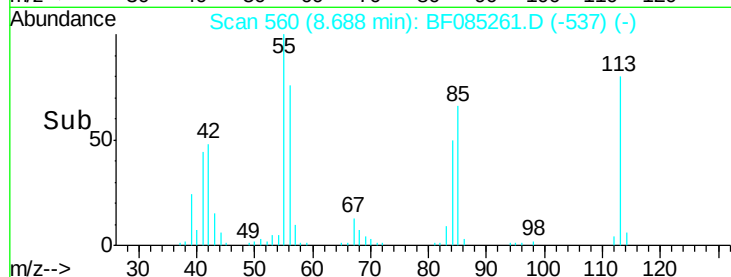
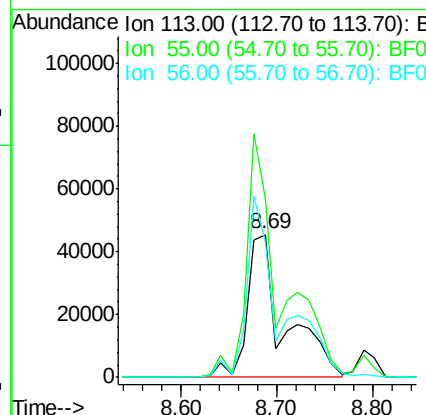
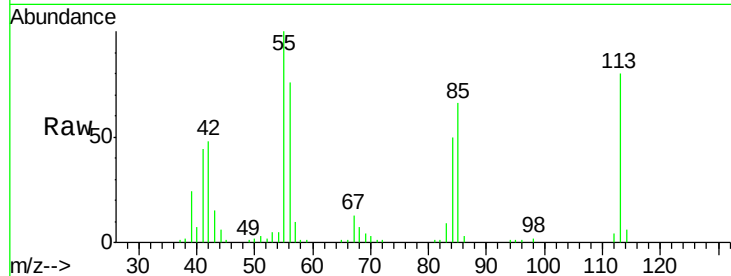
#35
 Caprolactam
 Concen: 47.95 ng m
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	124.6	152.7	192.7#
56	94.3	109.0	149.0#

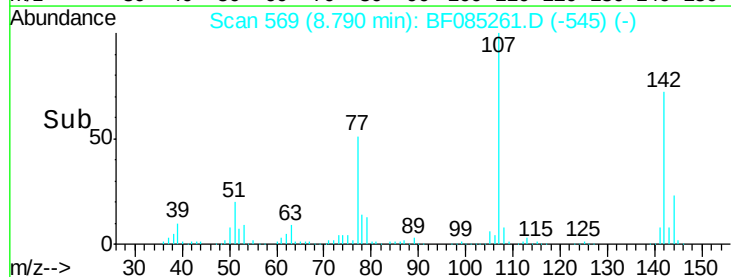
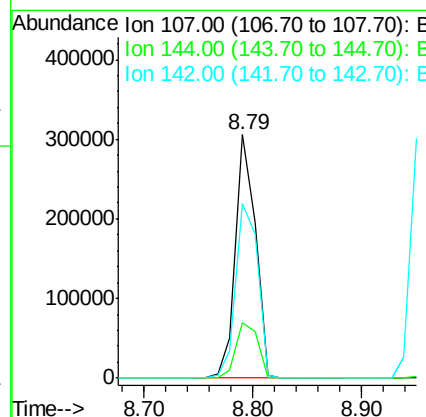
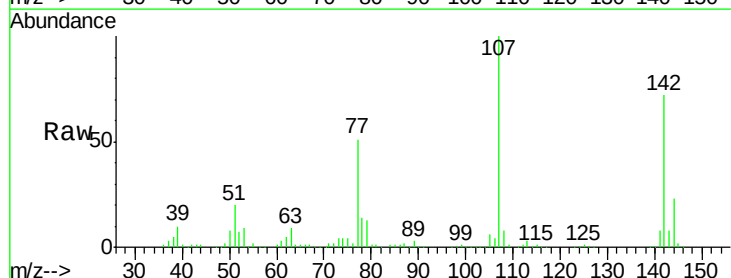
Manual Integrations
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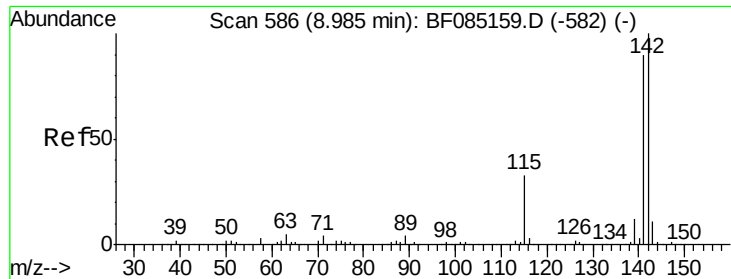
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#36
 4-Chloro-3-methylphenol
 Concen: 43.40 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

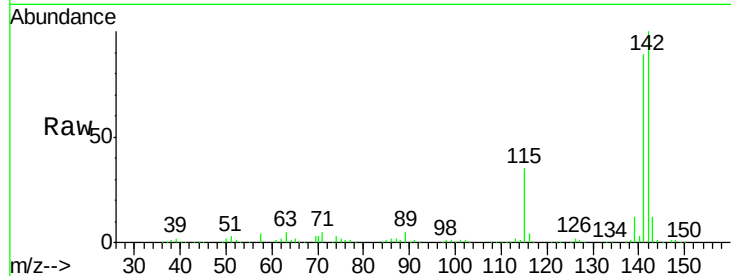
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.4	29.2
142	71.8	59.4	89.2





#37
2-Methylnaphthalene
Concen: 46.39 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

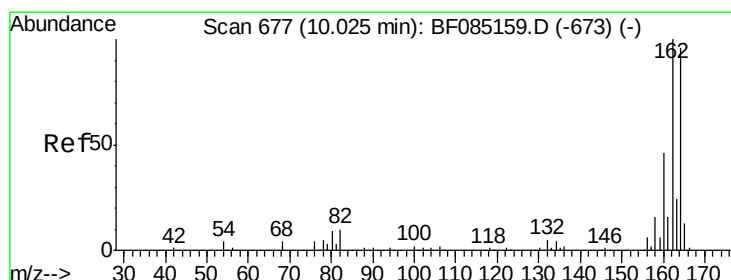
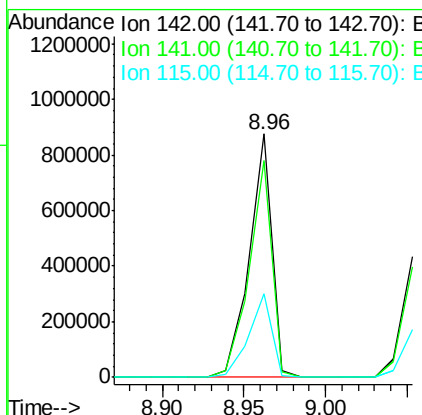
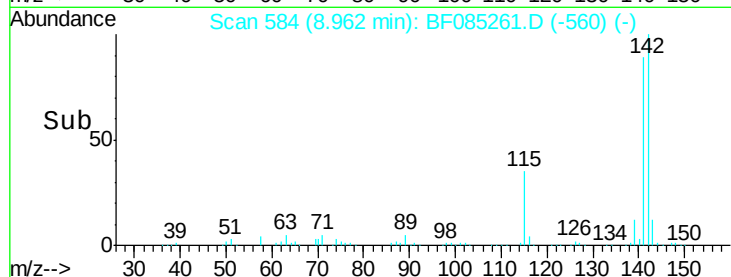
Instrument :
BNA_F
ClientSampleId :
PB88766BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
115	34.6	26.2	39.4

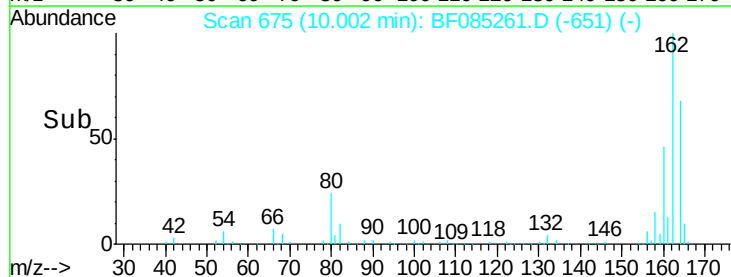
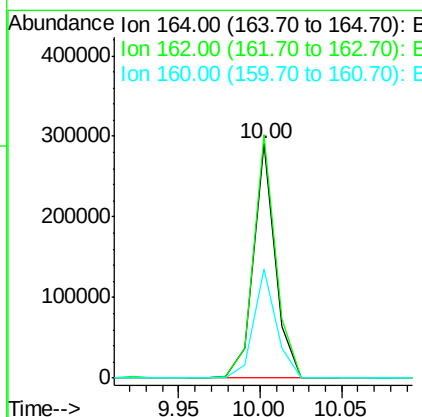
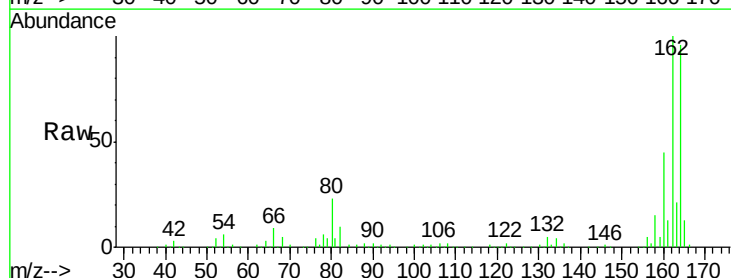
Manual Integrations
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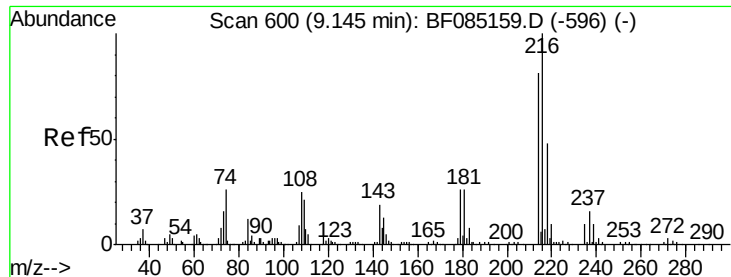
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	46.9	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.12 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

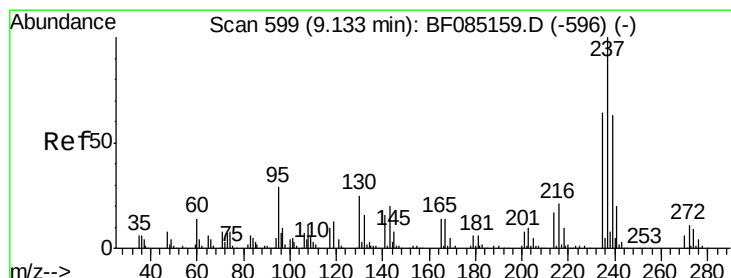
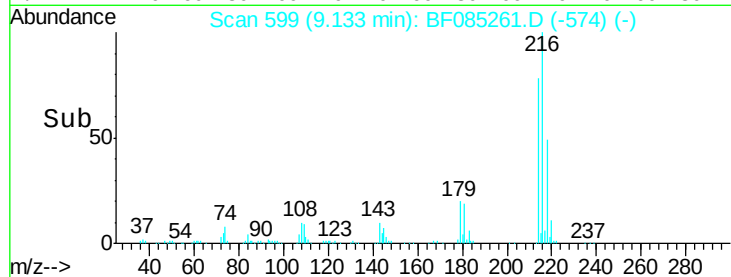
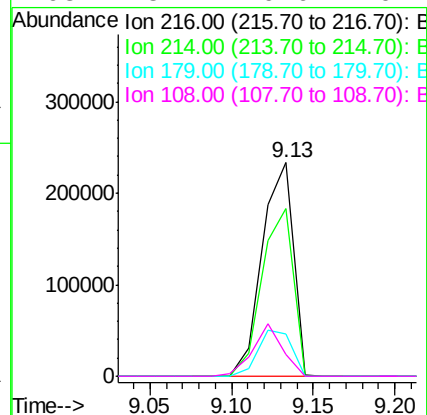
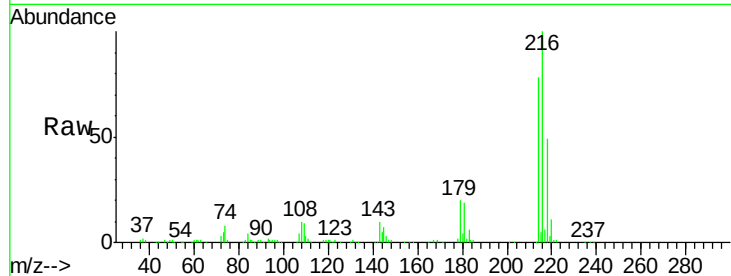
ClientSampleId :

PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	310429		
214	78.9	63.8	95.6	
179	23.1	19.6	29.4	
108	23.4	19.6	29.4	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 87.62 ng

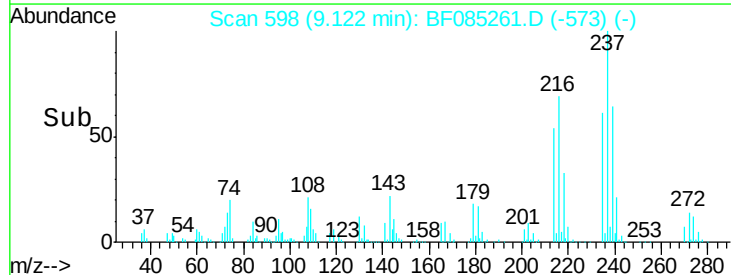
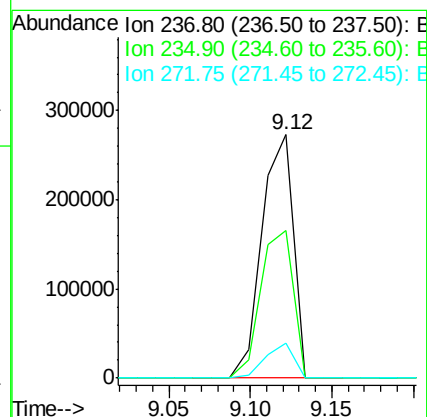
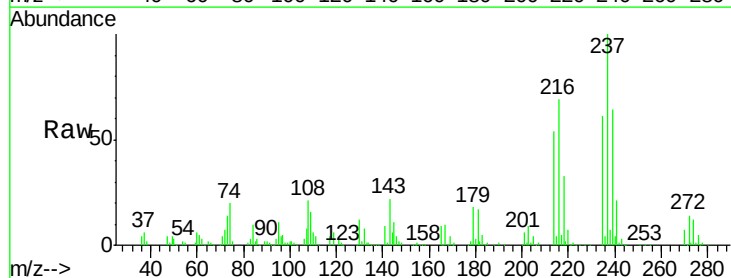
RT: 9.12 min Scan# 598

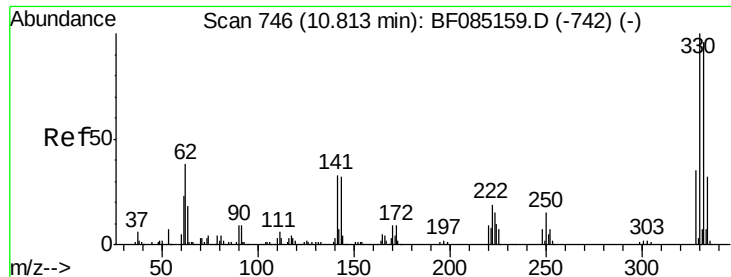
Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	365632		
235	60.8	43.7	83.7	
272	14.3	0.0	31.5	





#41

2,4,6-Tribromophenol

Concen: 137.11 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085261.D

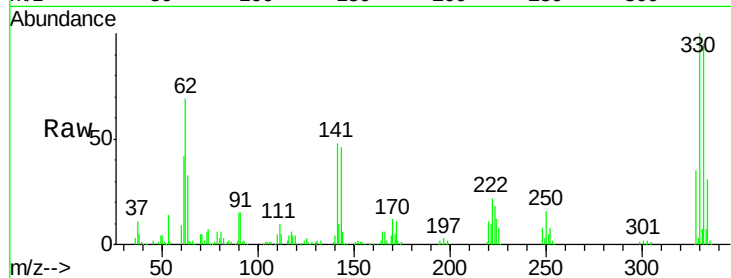
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampled :

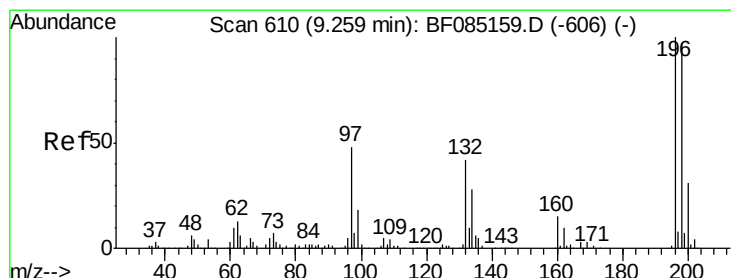
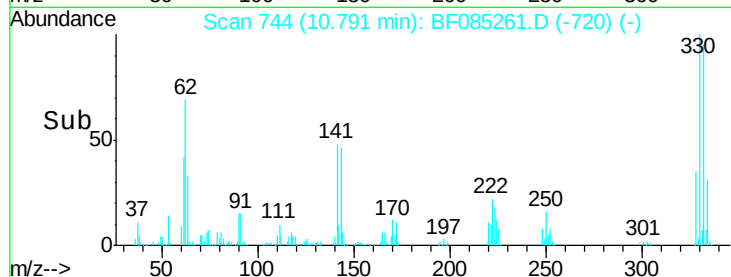
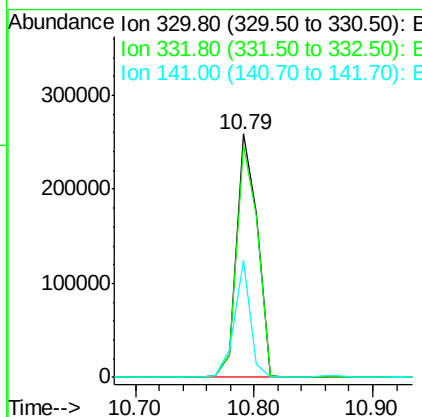
PB88766BS



Tgt Ion:	330	Resp:	317389
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.1	115.7
141	37.2	35.0	52.6

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 43.25 ng

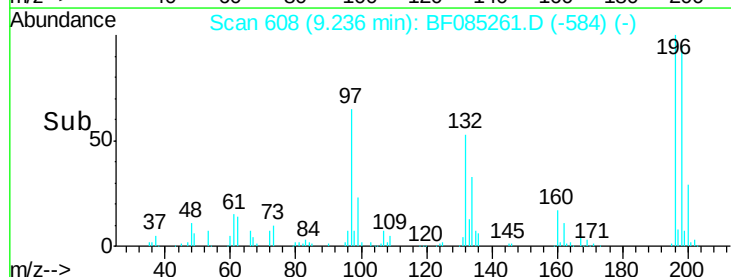
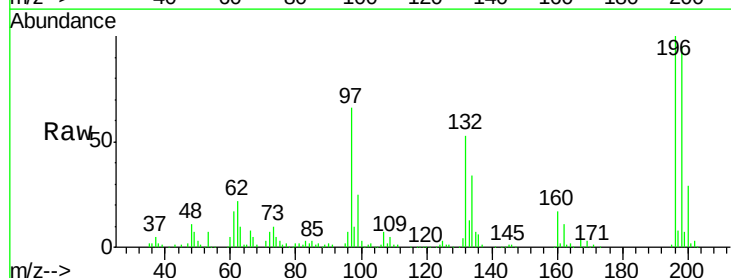
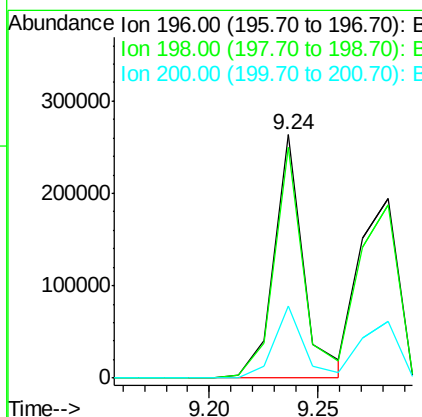
RT: 9.24 min Scan# 608

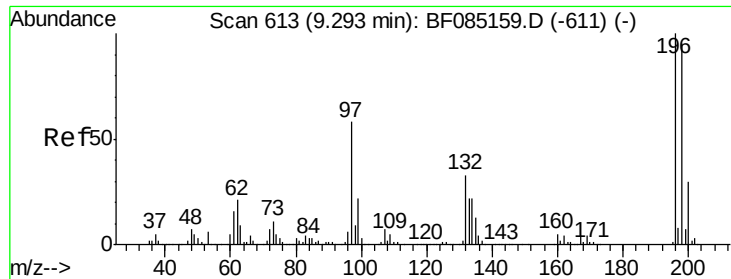
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

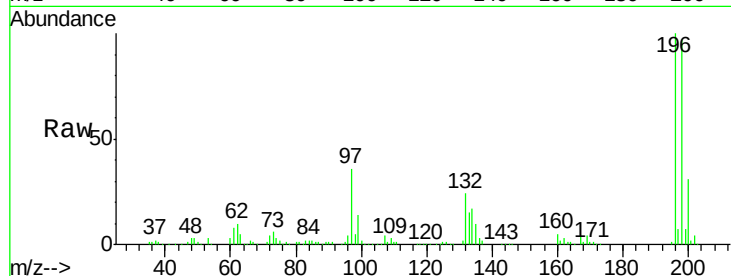
Tgt Ion:	196	Resp:	249094
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.8	116.6
200	29.5	25.0	37.6





#43
 2,4,5-Trichlorophenol
 Concen: 44.39 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

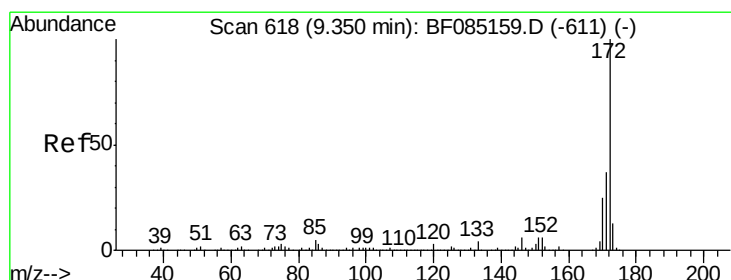
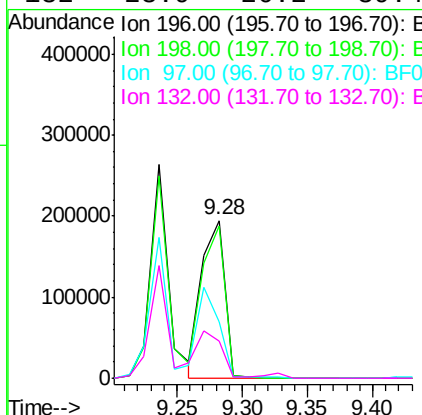
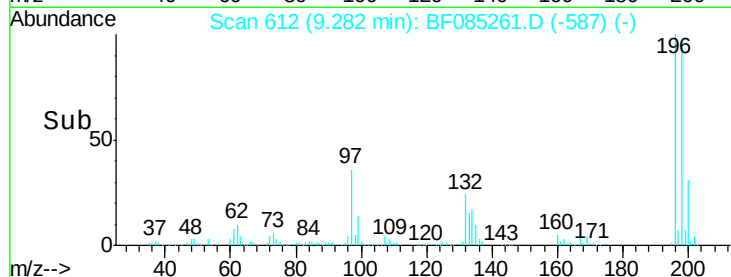
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS



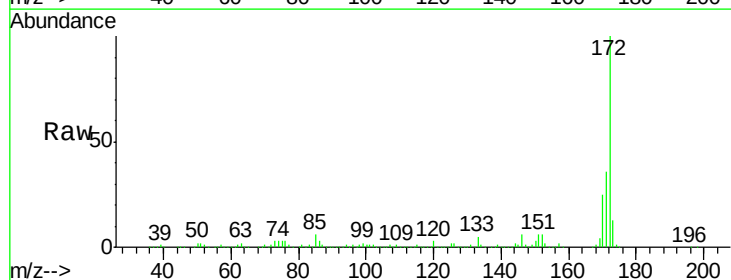
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242400		
198	96.6	75.7	113.5	
97	36.0	46.4	69.6	
132	23.9	26.2	39.4	

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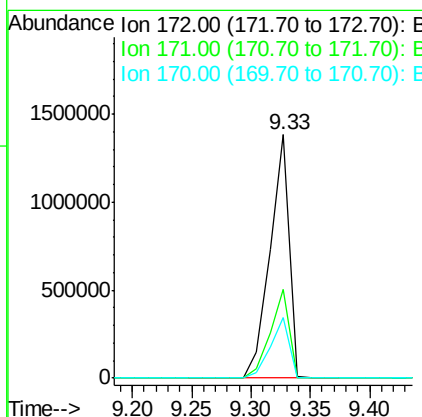
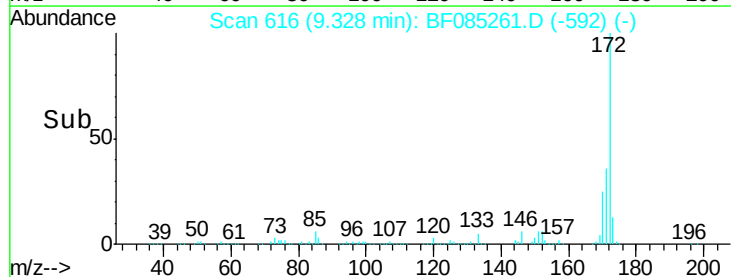
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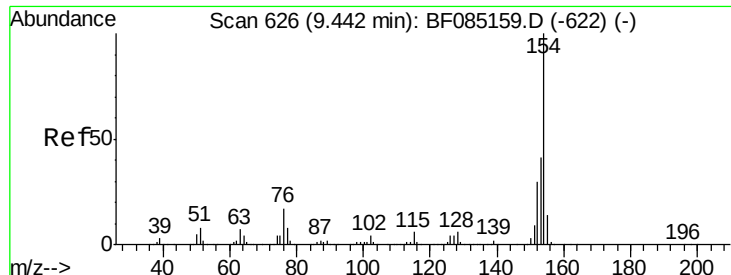


#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1559268		
171	36.3	29.3	43.9	
170	24.7	20.0	30.0	





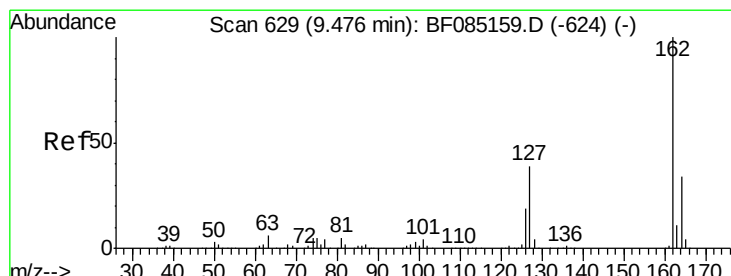
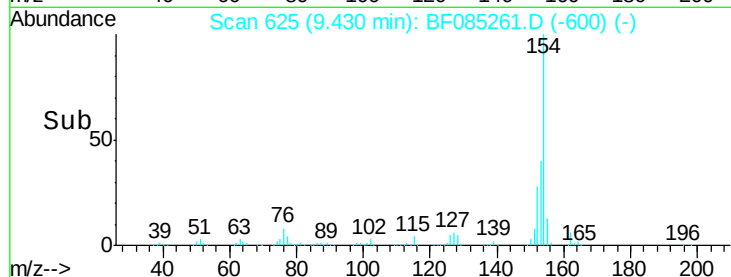
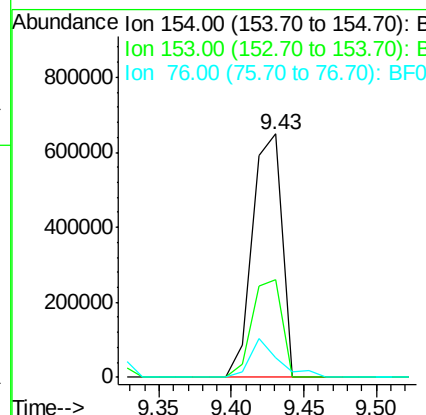
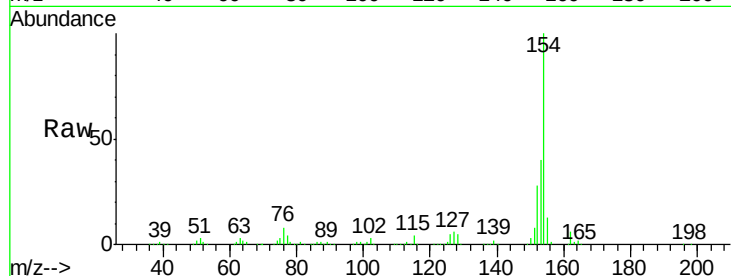
#45
1,1'-Biphenyl
Concen: 39.46 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.0	21.4	61.4
76	8.1	0.0	37.5

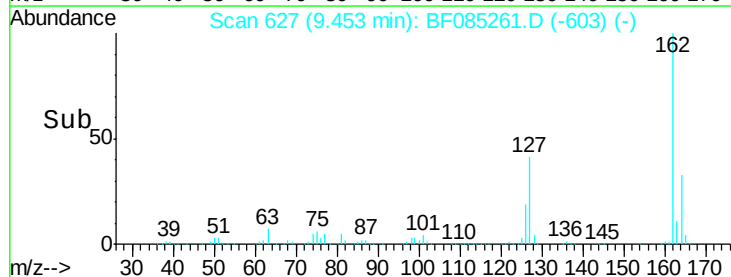
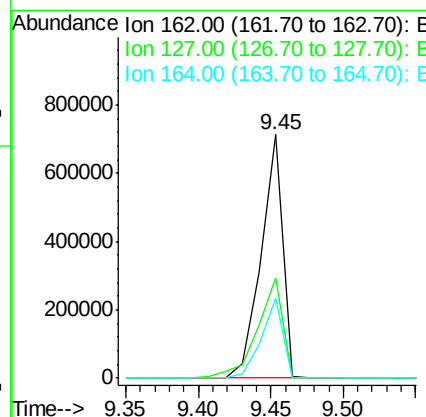
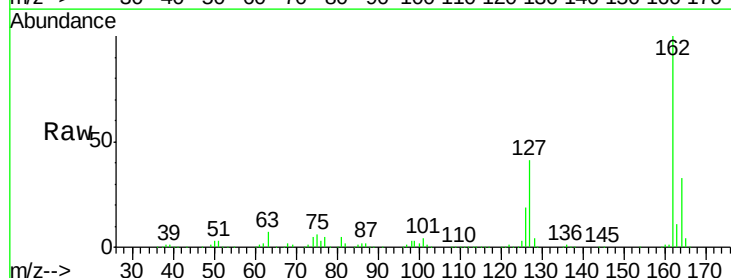
Manual Integrations
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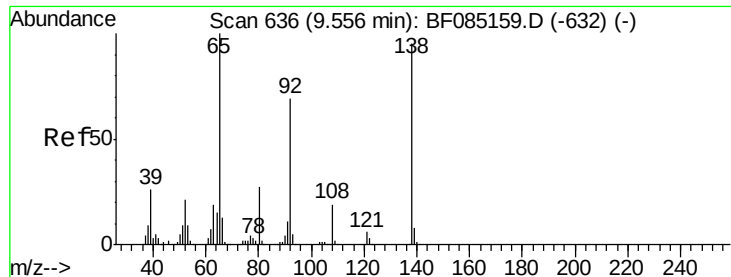
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#46
2-Chloronaphthalene
Concen: 41.64 ng
RT: 9.45 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	31.6	47.4
164	32.9	27.1	40.7





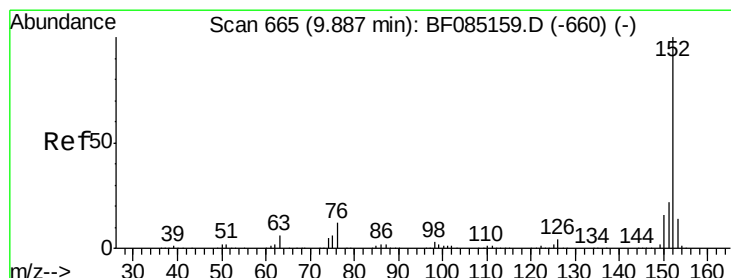
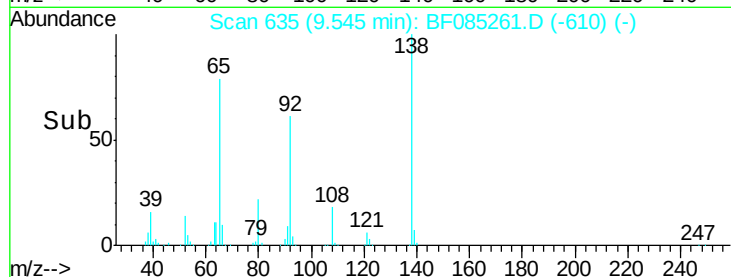
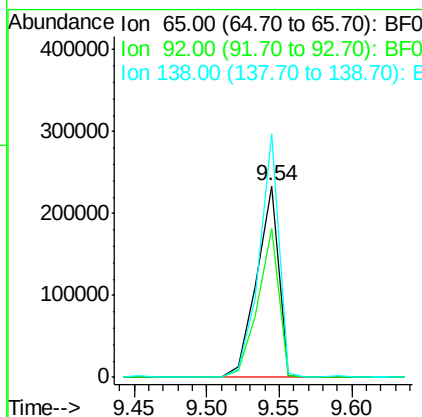
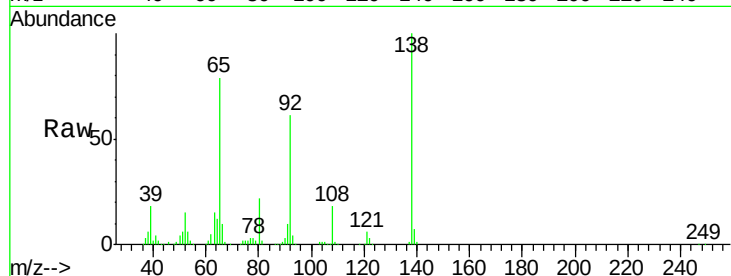
#47
2-Nitroaniline
Concen: 45.16 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	77.6	55.4	83.2
138	127.1	75.7	113.5#

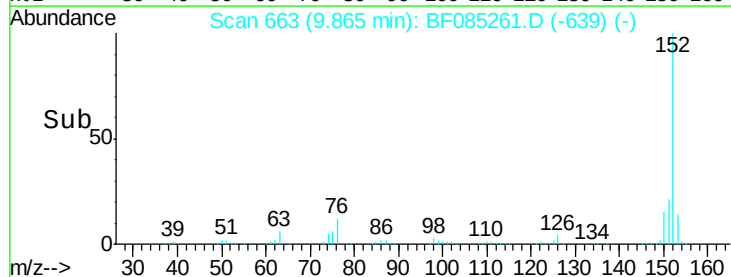
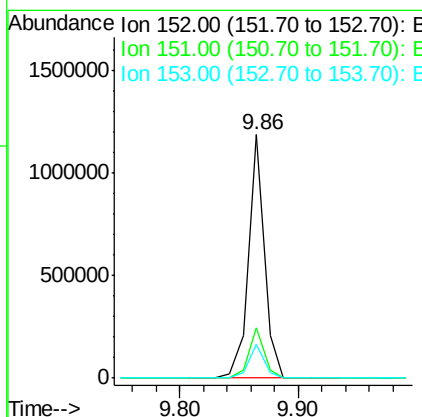
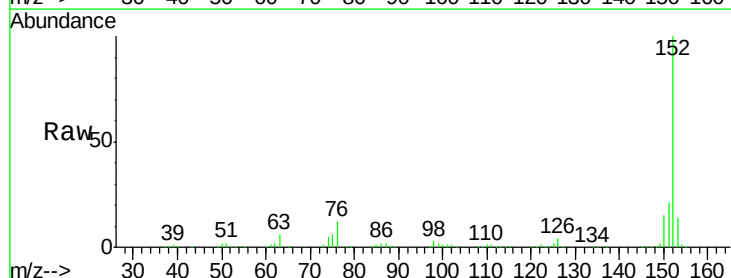
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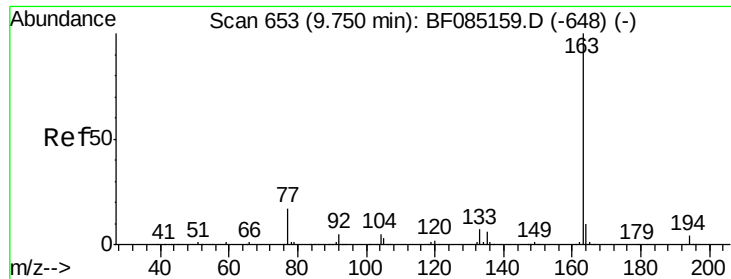
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#48
Acenaphthylene
Concen: 40.69 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.9	17.5	26.3
153	13.8	11.3	16.9





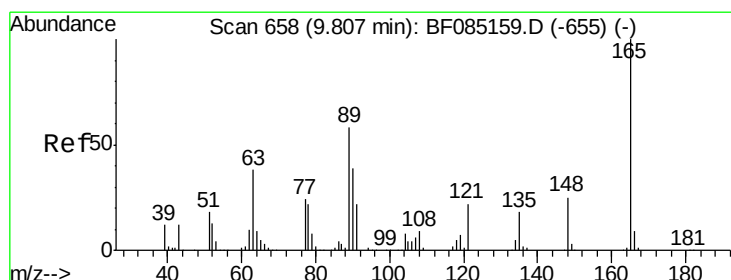
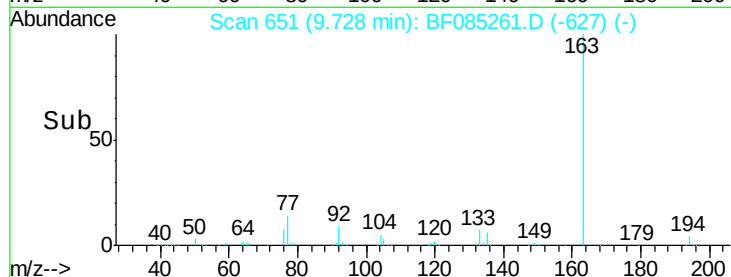
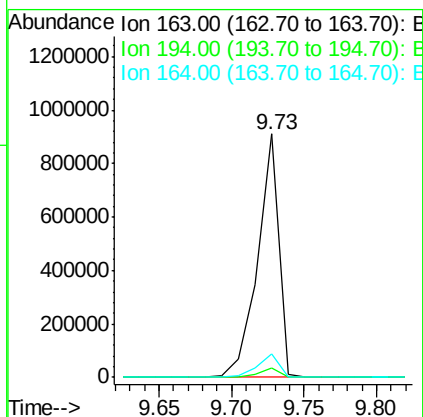
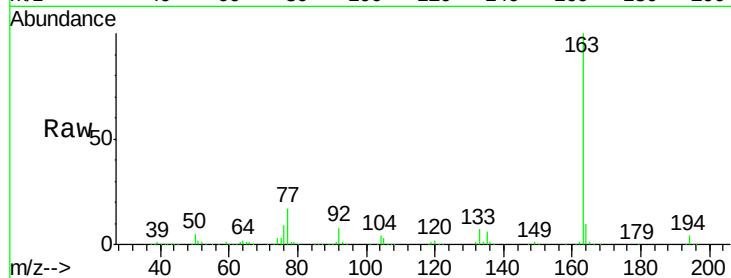
#49
Dimethylphthalate
Concen: 44.33 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.4

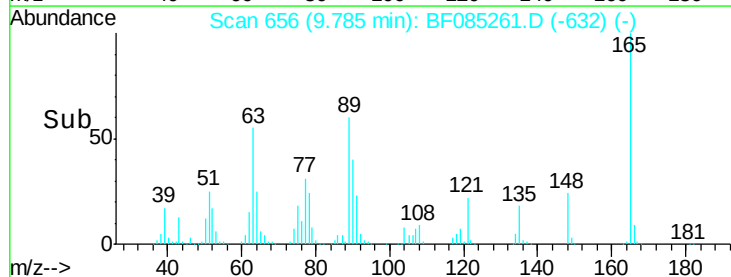
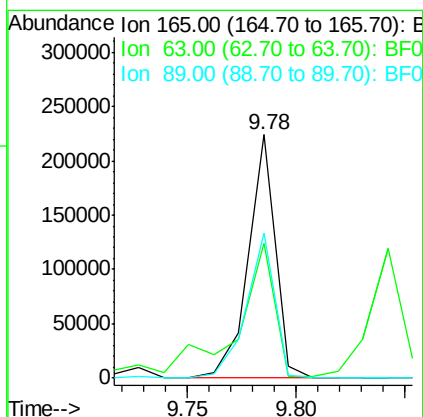
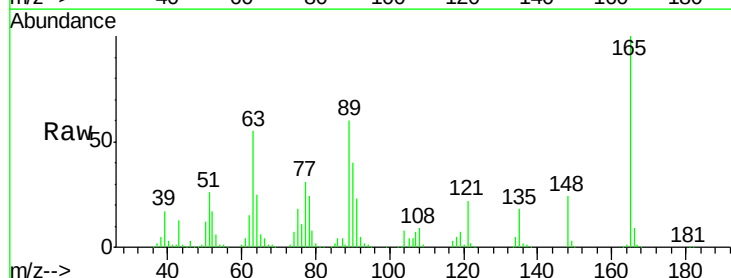
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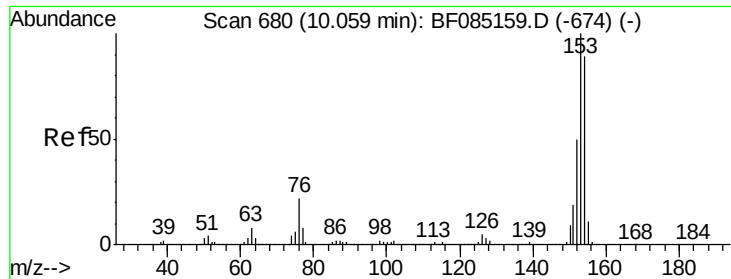
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3/9/2016 3:26:36 PM



#50
2,6-Dinitrotoluene
Concen: 43.39 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	55.2	41.8	62.8
89	59.6	46.7	70.1





#51

Acenaphthene

Concen: 46.46 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085261.D

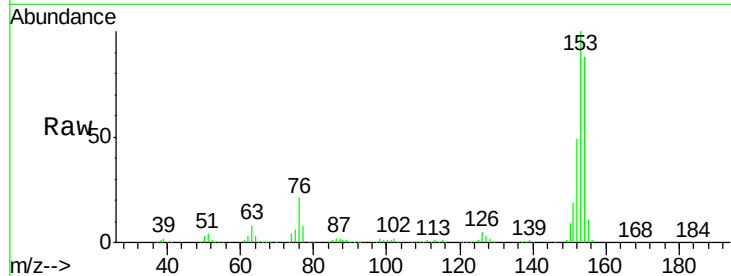
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

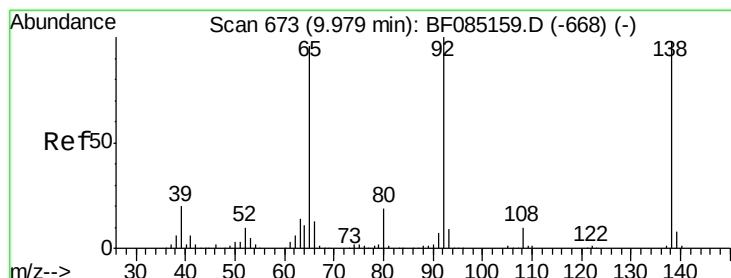
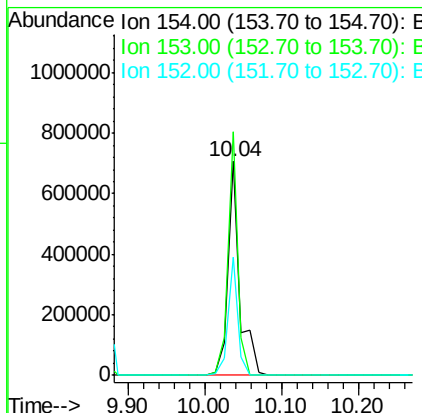
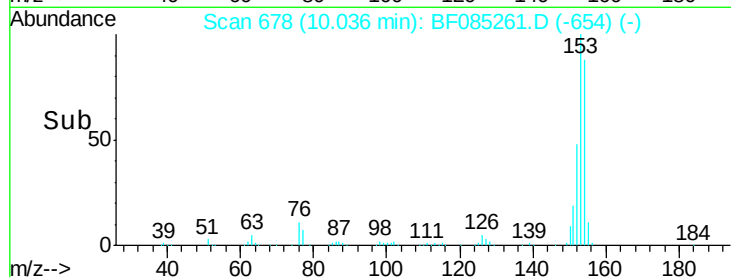
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Tgt Ion:	154	Resp:	773464
Ion Ratio	Lower	Upper	
154	100		
153	114.0	89.8	134.8
152	55.4	44.6	66.8

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3/9/2016 3:26:36 PM



#52

3-Nitroaniline

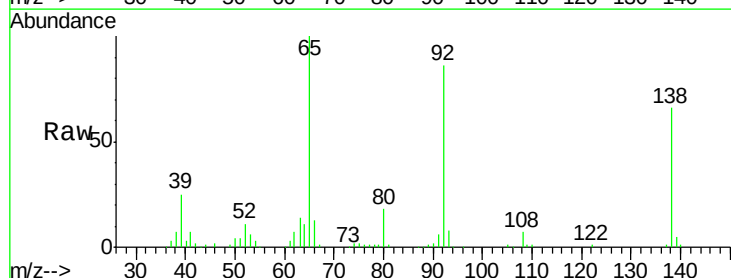
Concen: 18.80 ng

RT: 9.94 min Scan# 670

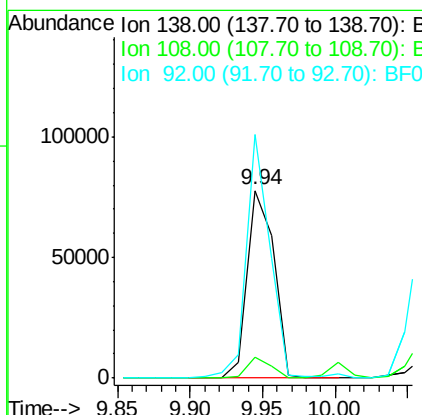
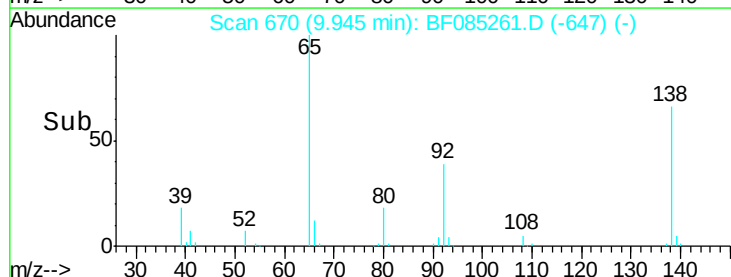
Delta R.T. -0.03 min

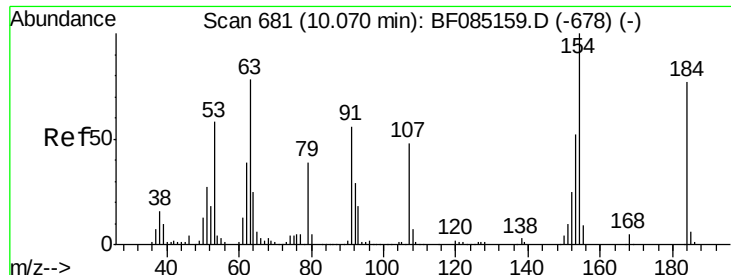
Lab File: BF085261.D

Acq: 8 Mar 2016 17:50



Tgt Ion:	138	Resp:	99919
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	129.9	81.3	121.9#





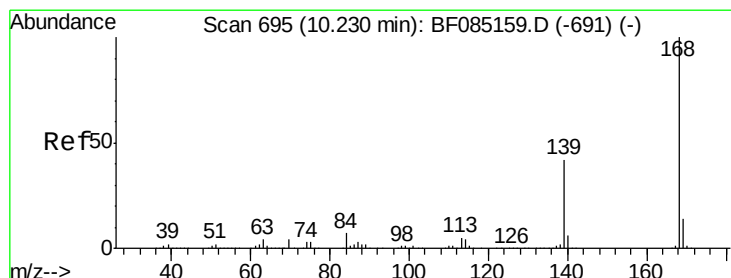
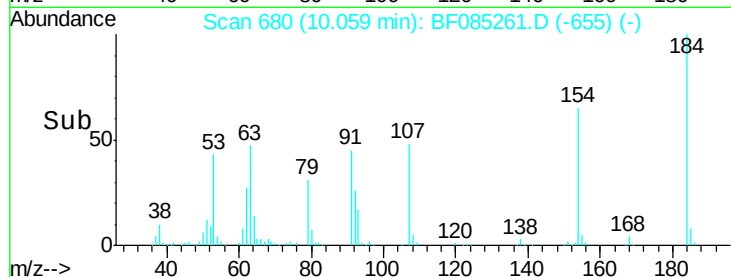
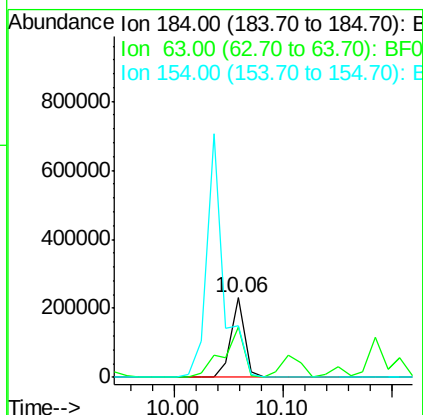
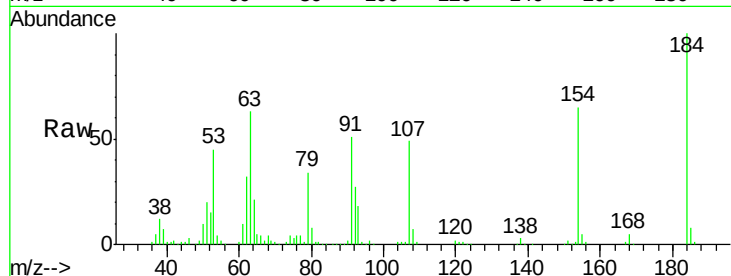
#53
 2,4-Dinitrophenol
 Concen: 89.16 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	203306		
63	63.1	82.2	123.4#	
154	65.3	108.9	163.3#	

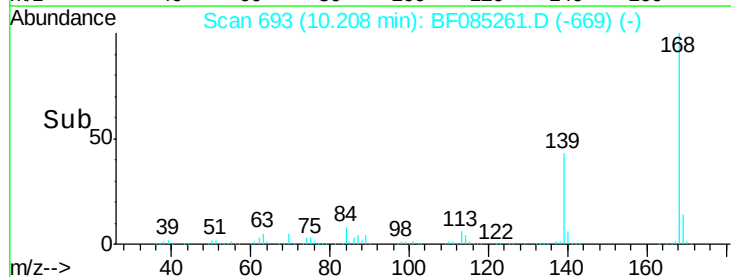
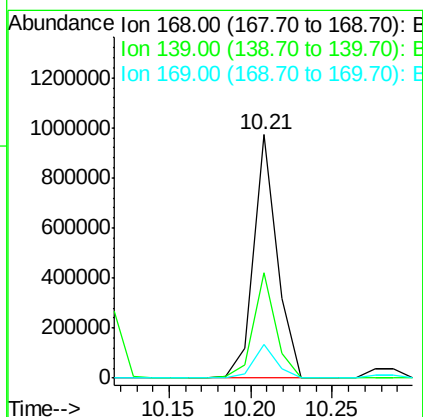
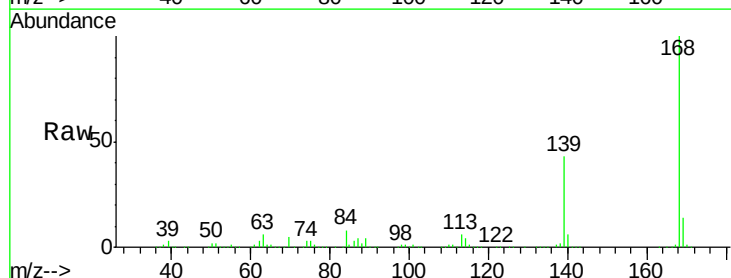
Manual Integrations
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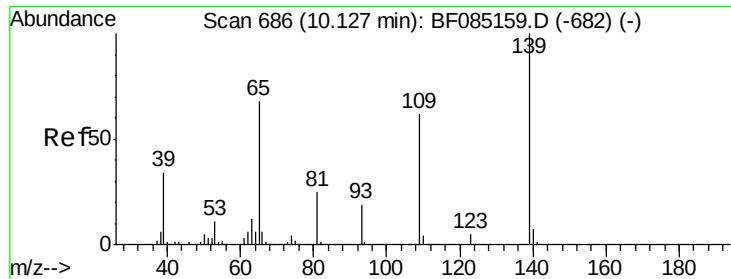
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 3/9/2016 3:26:36 PM



#54
 Dibenzofuran
 Concen: 44.68 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	974622		
139	43.3	33.6	50.4	
169	13.8	11.2	16.8	





#55

4-Nitrophenol

Concen: 88.05 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

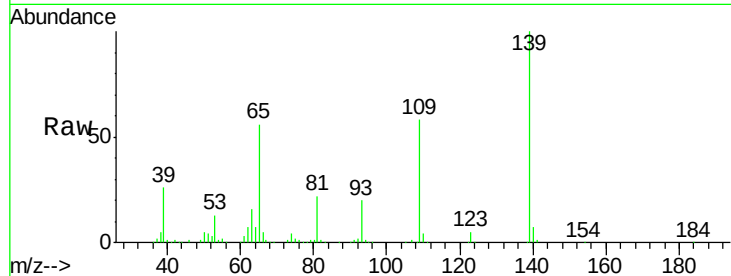
ClientSampleId :

PB88766BS

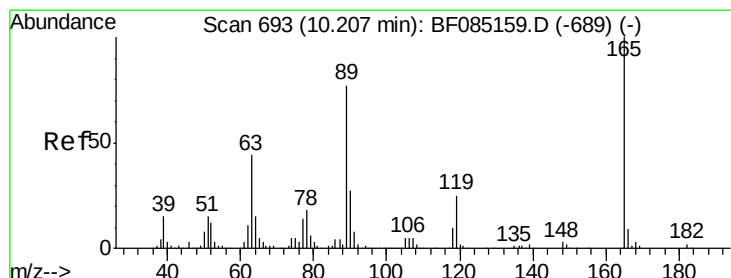
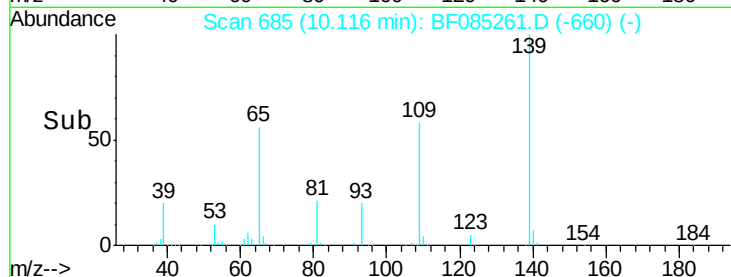
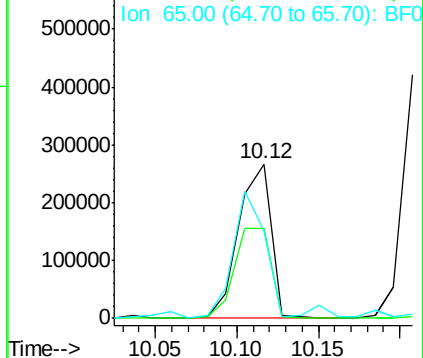
Tgt Ion:	139	Resp:	367759
Ion Ratio	Lower	Upper	
139	100		
109	58.4	41.9	81.9
65	56.4	48.3	88.3

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3/9/2016 3:26:36 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.45 ng

RT: 10.18 min Scan# 691

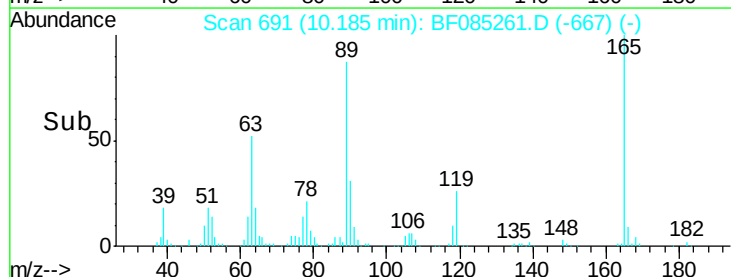
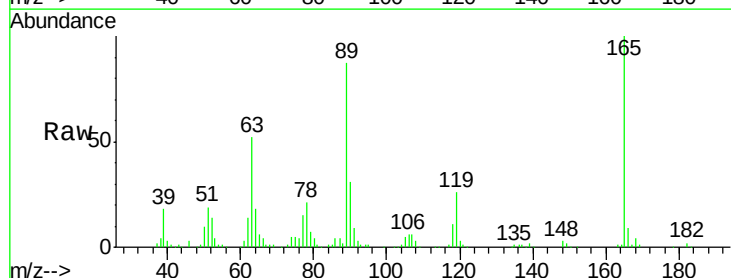
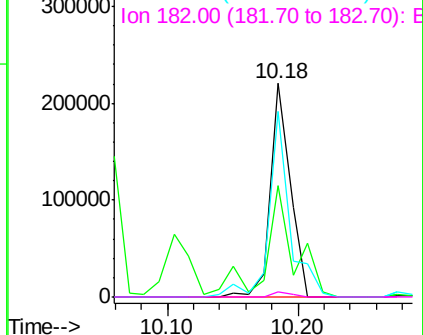
Delta R.T. -0.02 min

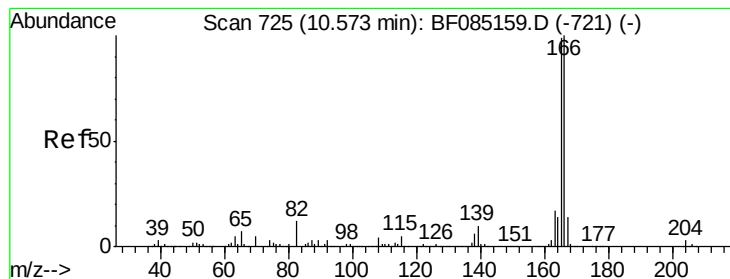
Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	165	Resp:	235623
Ion Ratio	Lower	Upper	
165	100		
63	52.4	35.4	53.0
89	87.0	61.9	92.9
182	2.3	1.9	2.9

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.71 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF085261.D

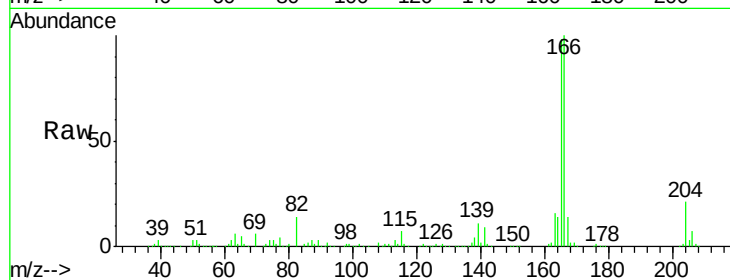
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS



Tgt Ion:166 Resp: 731732

Ion Ratio Lower Upper

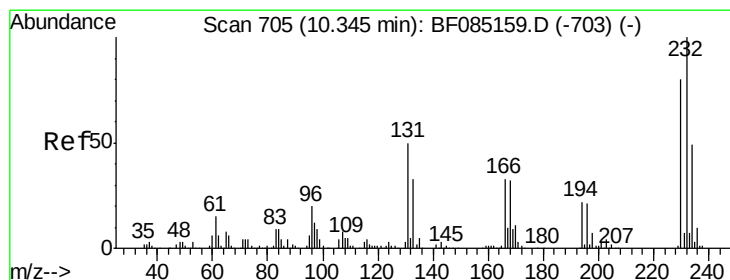
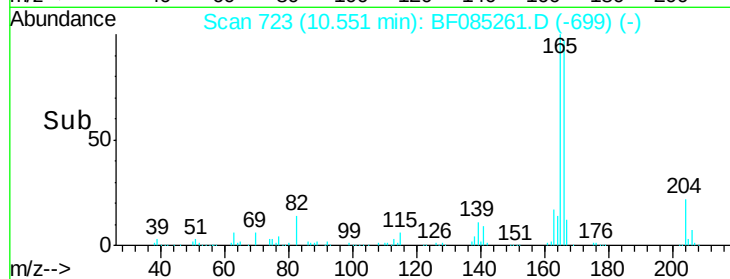
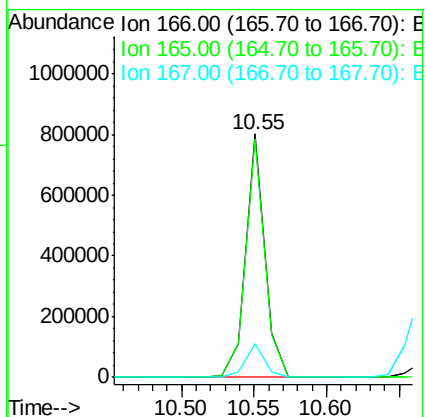
166 100

165 98.1 79.4 119.0

167 13.9 11.0 16.6

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3/9/2016 3:26:36 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.70 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:232 Resp: 182998

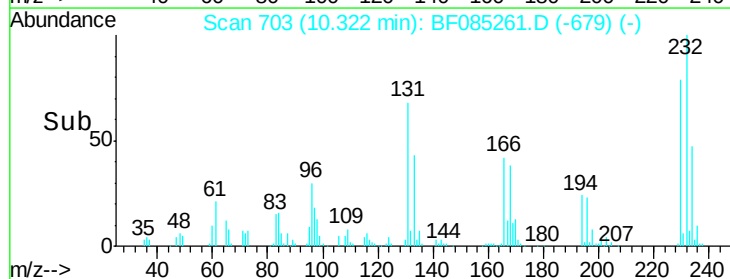
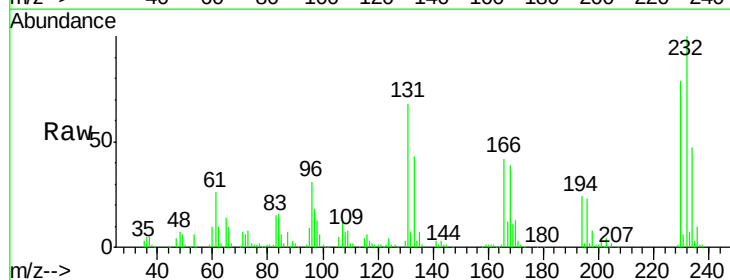
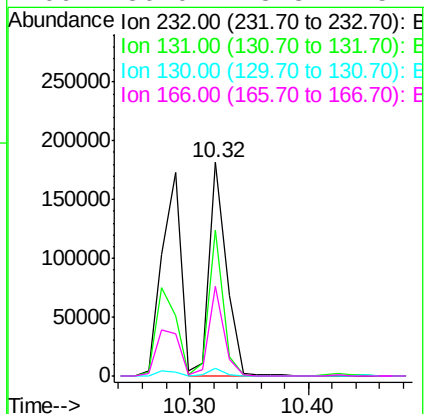
Ion Ratio Lower Upper

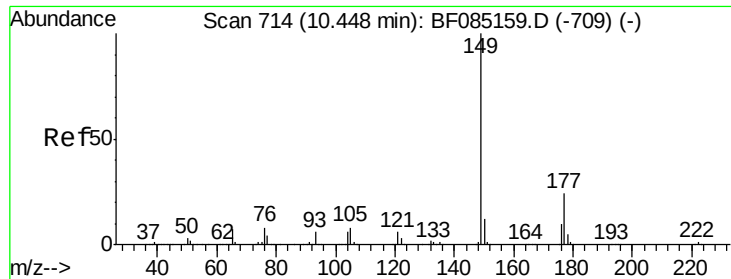
232 100

131 58.0 46.0 69.0

130 2.8 2.2 3.4

166 36.0 28.8 43.2





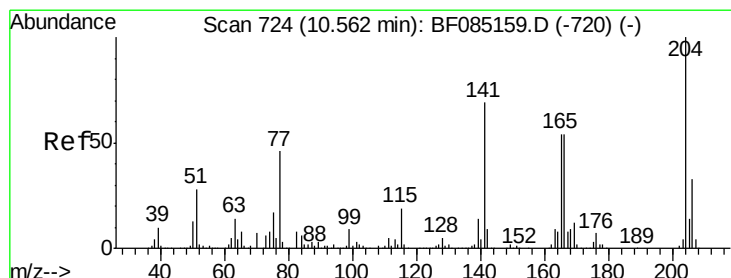
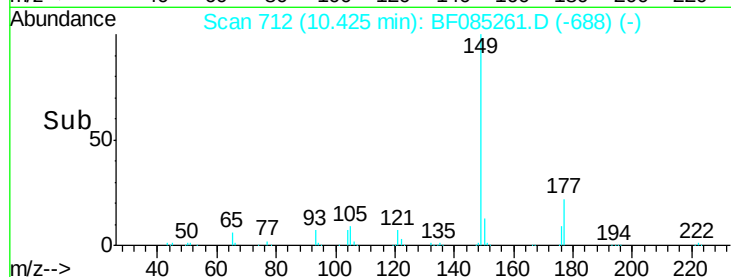
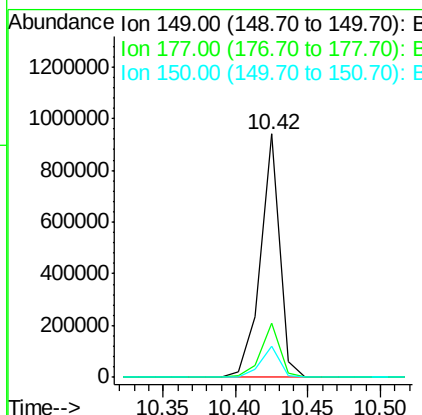
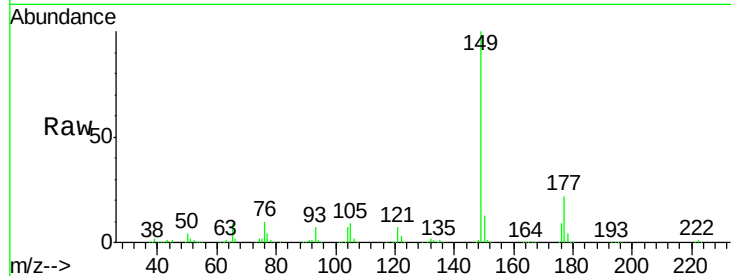
#59
Diethylphthalate
Concen: 43.07 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	867806		
177	22.2	19.2	28.8	
150	12.6	9.9	14.9	

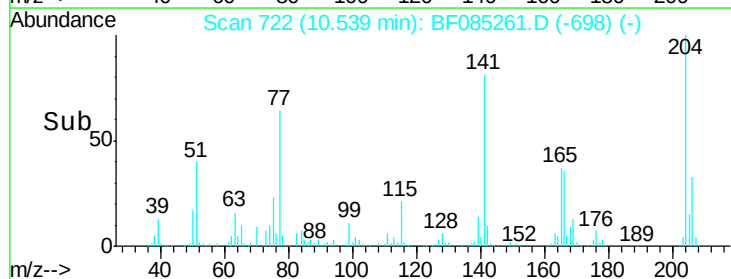
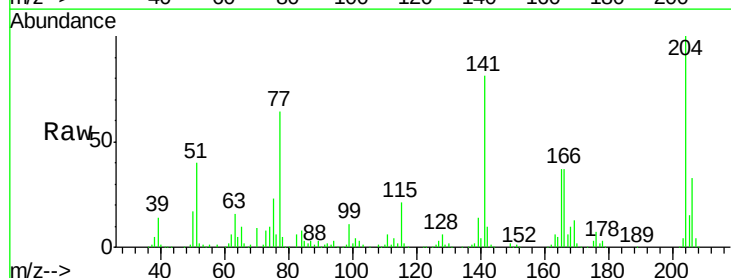
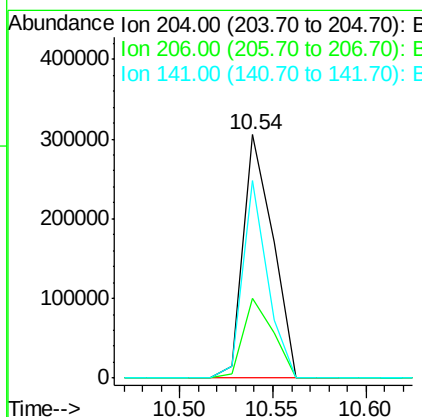
Manual Integrations
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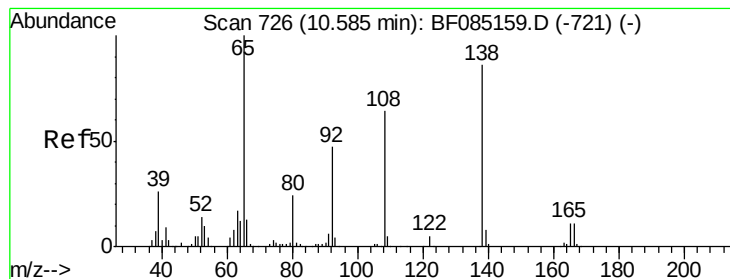
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#60
4-Chlorophenyl-phenylether
Concen: 40.45 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	337254		
206	32.5	26.5	39.7	
141	81.4	55.4	83.2	





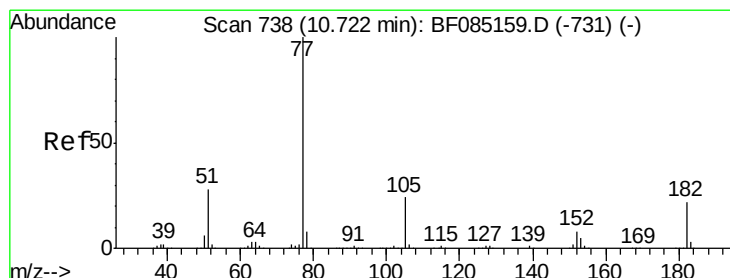
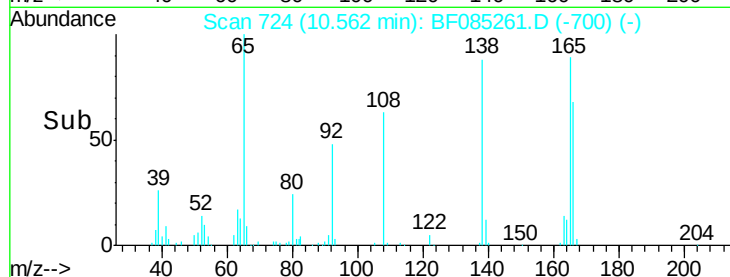
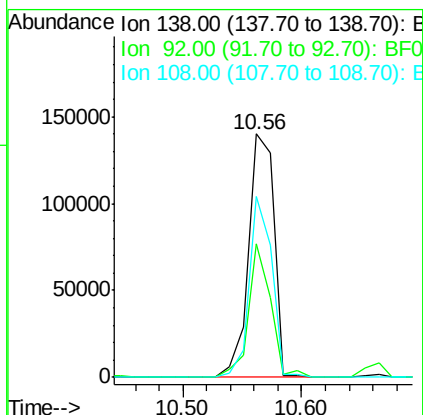
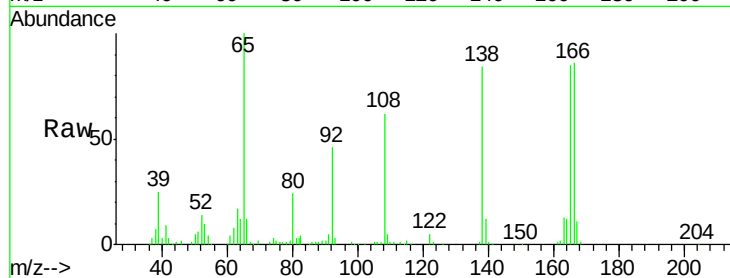
#61
4-Nitroaniline
Concen: 42.53 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	211401		
92	55.1	34.2	74.2	
108	74.2	53.9	93.9	

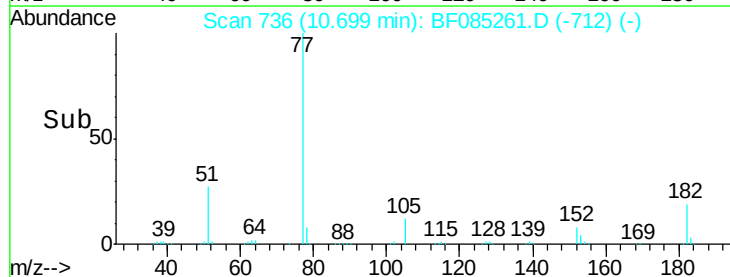
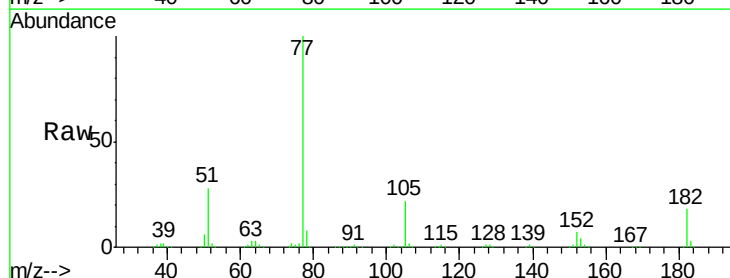
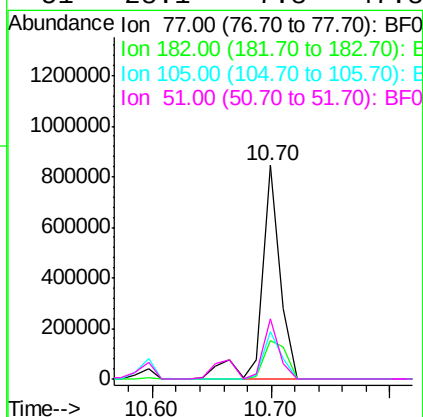
Manual Integrations
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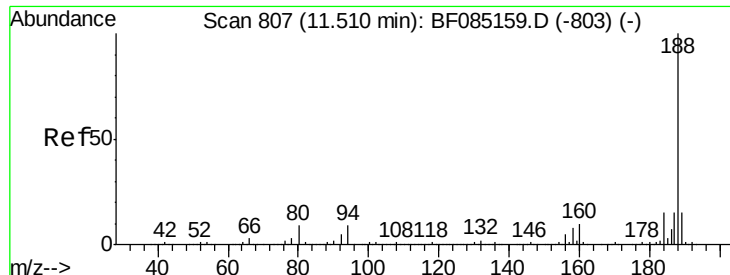
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#62
Azobenzene
Concen: 46.05 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	914245		
182	17.8	2.1	42.1	
105	21.9	3.8	43.8	
51	28.1	7.8	47.8	





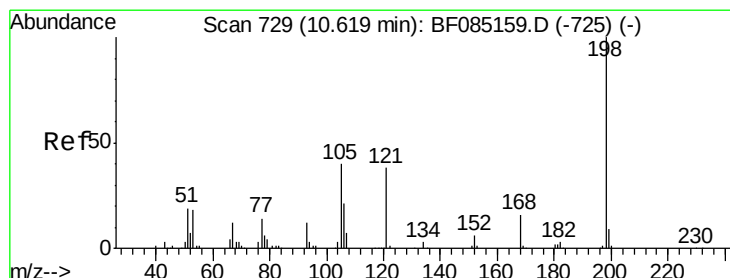
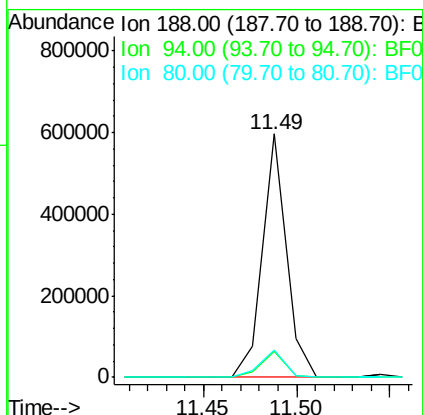
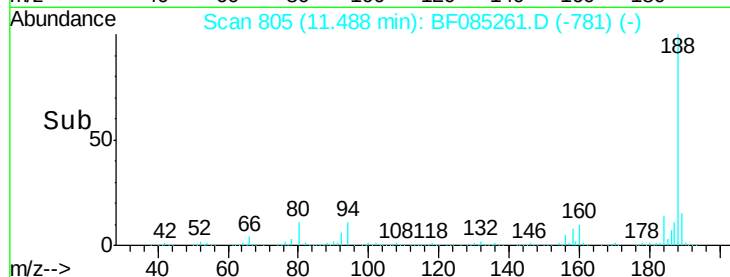
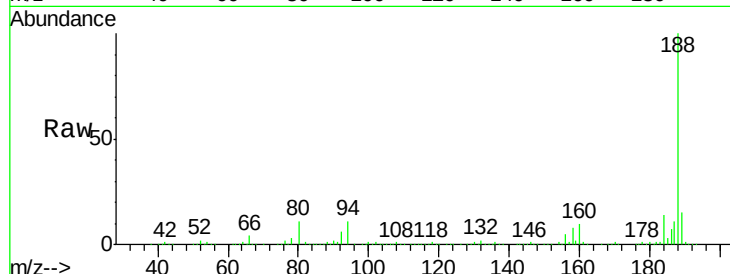
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	7.0	10.6
80	11.2	7.4	11.0

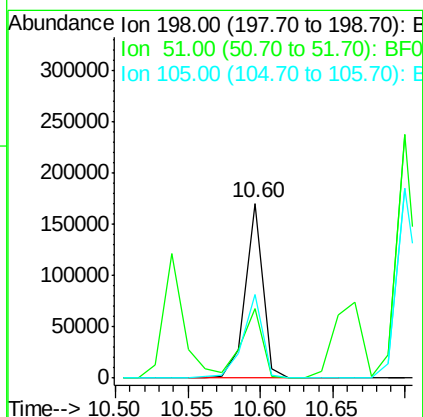
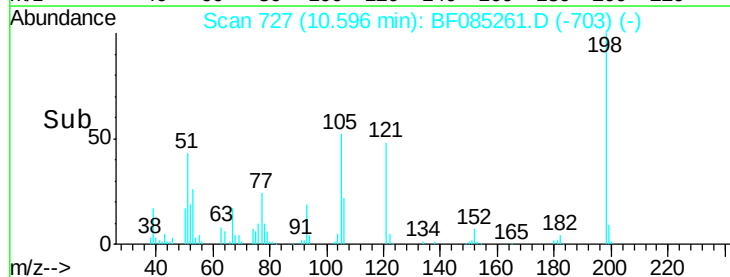
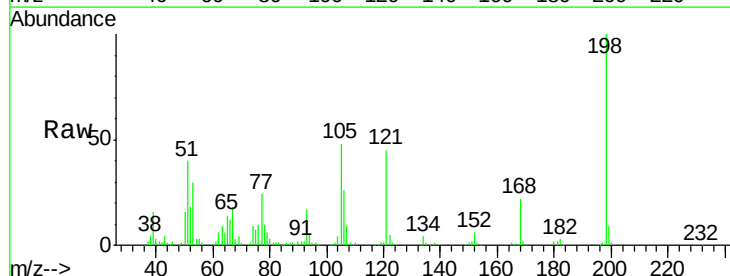
Manual Integrations
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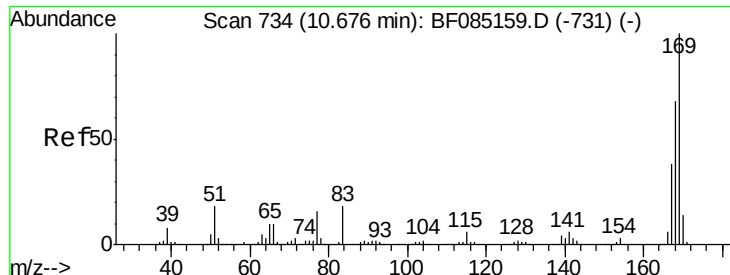
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.49 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	39.9	9.5	49.5
105	48.0	20.5	60.5





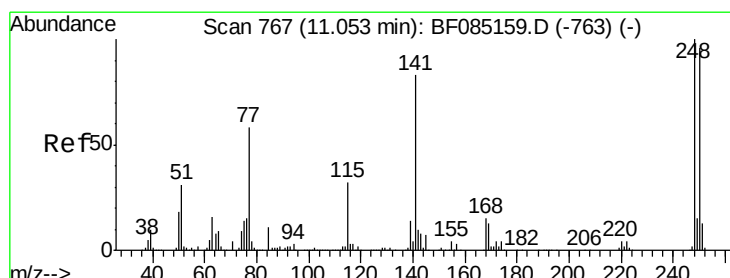
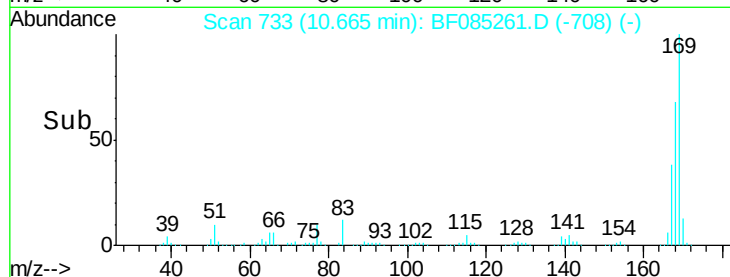
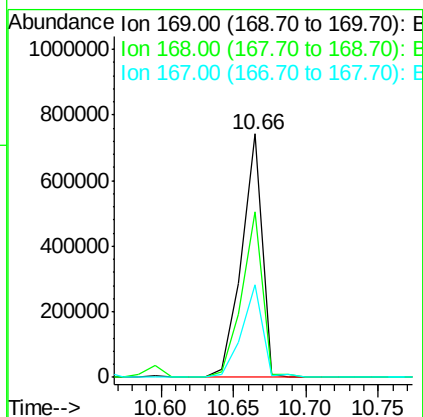
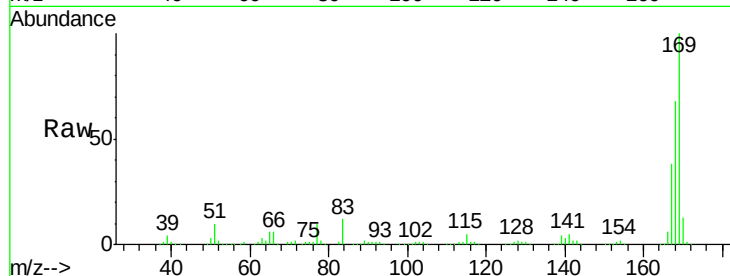
#65
 n-Nitrosodiphenylamine
 Concen: 44.37 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.1	54.8	82.2
167	37.9	30.3	45.5

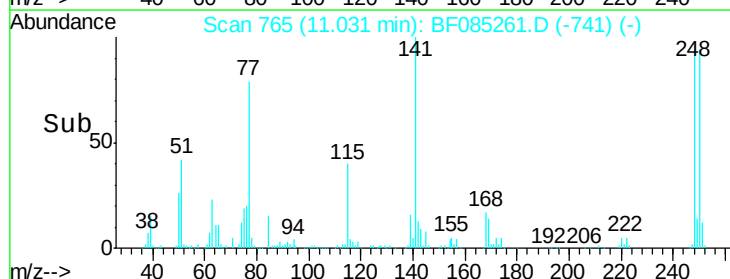
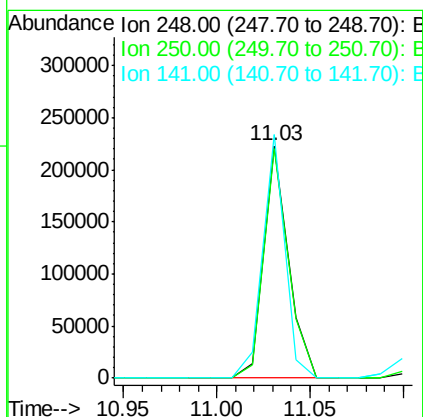
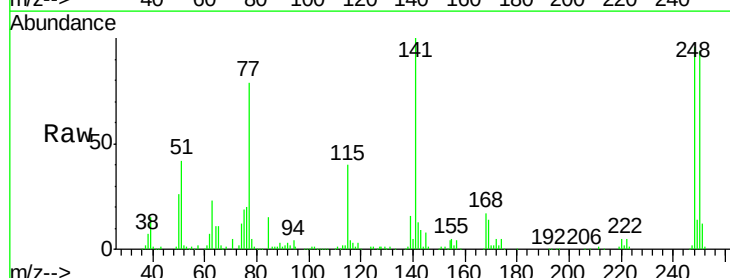
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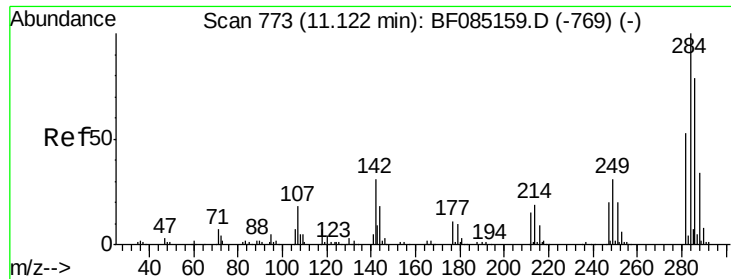
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#66
 4-Bromophenyl-phenylether
 Concen: 39.54 ng
 RT: 11.03 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.8	77.1	115.7
141	104.7	66.2	99.2#





#67

Hexachlorobenzene

Concen: 40.78 ng

RT: 11.10 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF085261.D

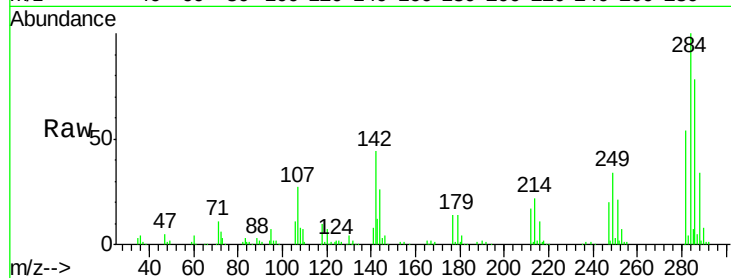
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

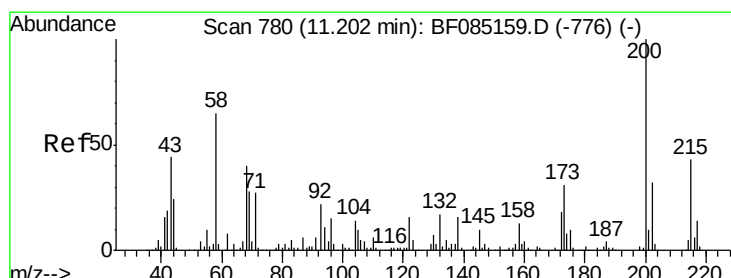
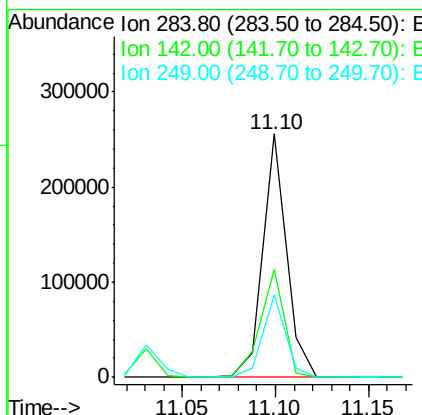
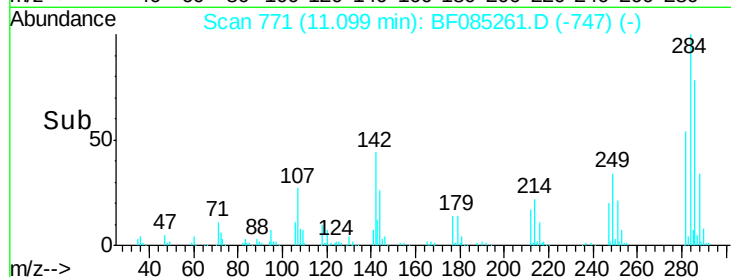
PB88766BS



Tgt Ion:	284	Resp:	223479
Ion Ratio	Lower	Upper	
284	100		
142	44.1	24.9	37.3#
249	33.7	25.0	37.4

Manual Integrations
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3/9/2016 3:26:36 PM



#68

Atrazine

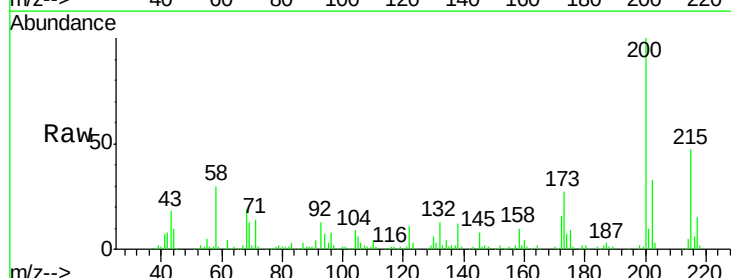
Concen: 54.57 ng

RT: 11.19 min Scan# 779

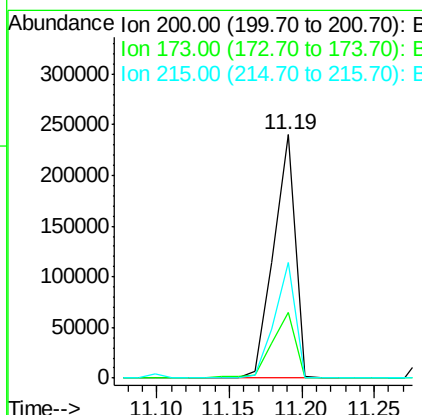
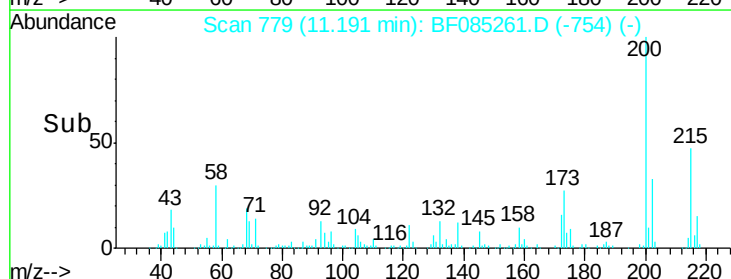
Delta R.T. -0.01 min

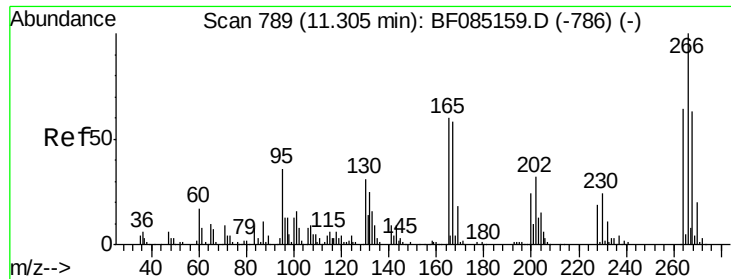
Lab File: BF085261.D

Acq: 8 Mar 2016 17:50



Tgt Ion:	200	Resp:	249757
Ion Ratio	Lower	Upper	
200	100		
173	27.2	10.5	50.5
215	47.4	23.4	63.4





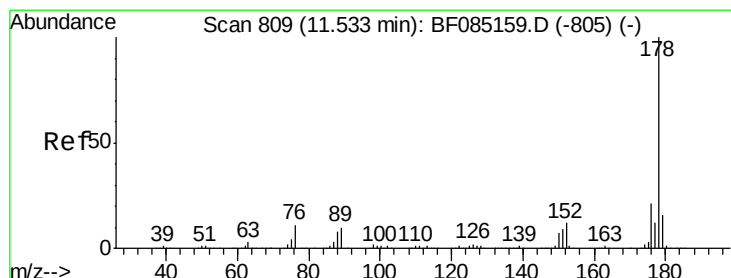
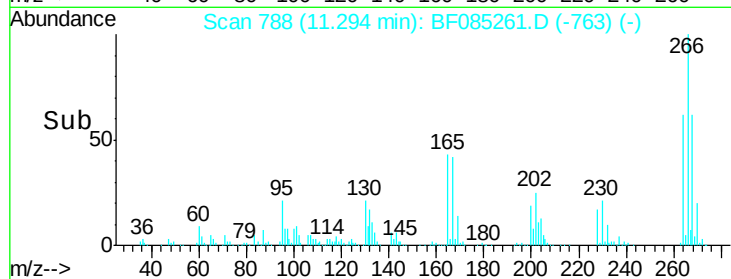
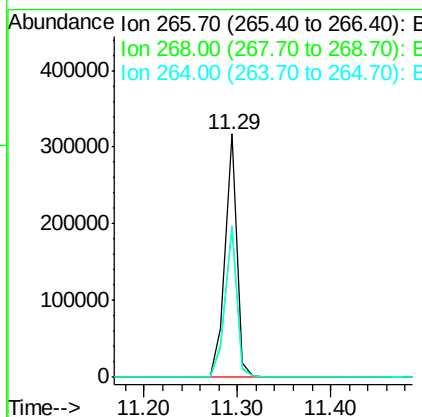
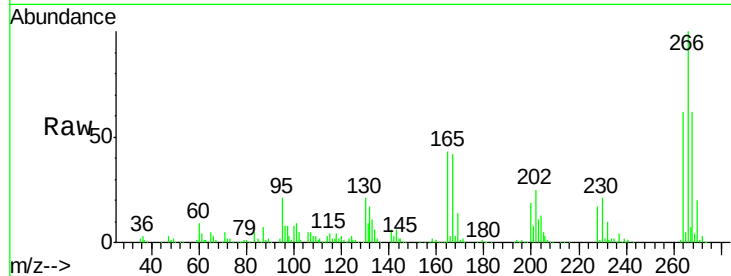
#69
 Pentachlorophenol
 Concen: 91.96 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279755		
268	61.9	50.0	75.0	
264	62.4	51.4	77.2	

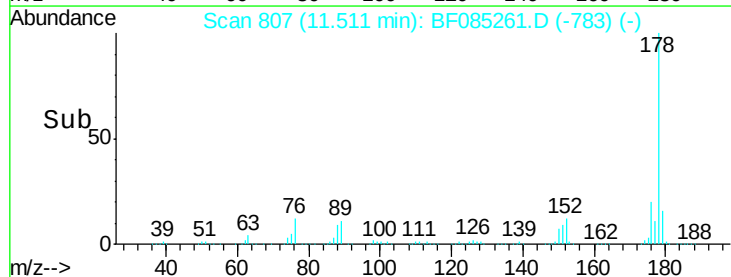
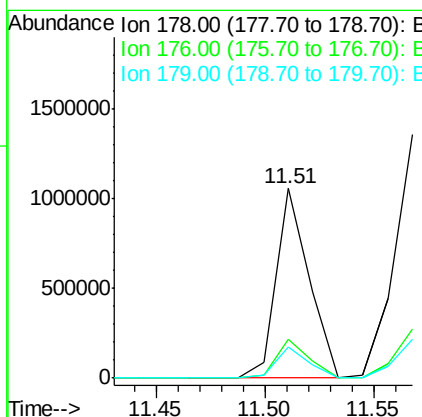
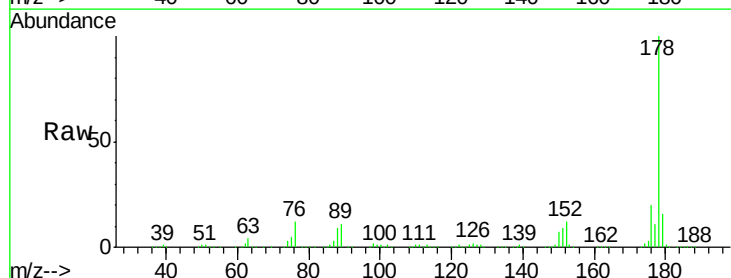
Manual Integrations
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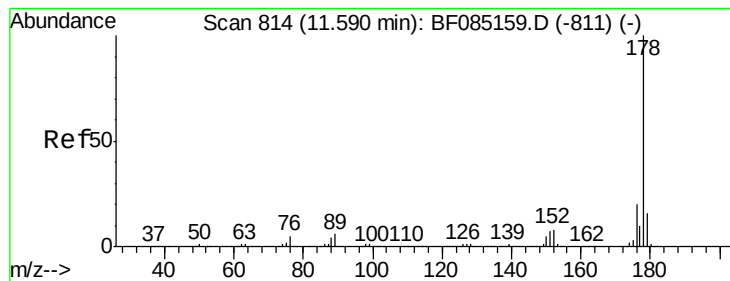
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#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1116817		
176	20.4	16.8	25.2	
179	16.3	13.1	19.7	





#71

Anthracene

Concen: 43.00 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88766BS

Tgt Ion:178 Resp: 1265632

Ion Ratio Lower Upper

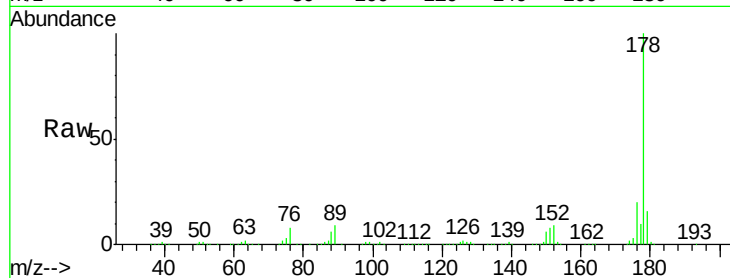
178 100

176 19.9 15.9 23.9

179 16.0 12.5 18.7

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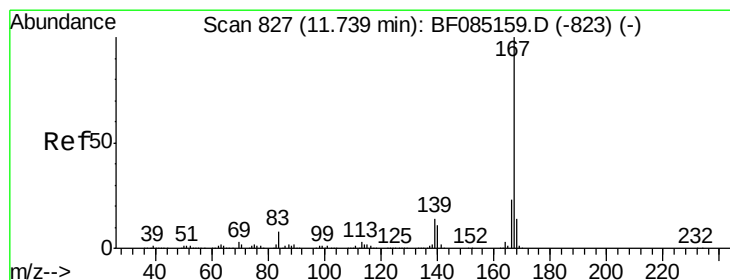
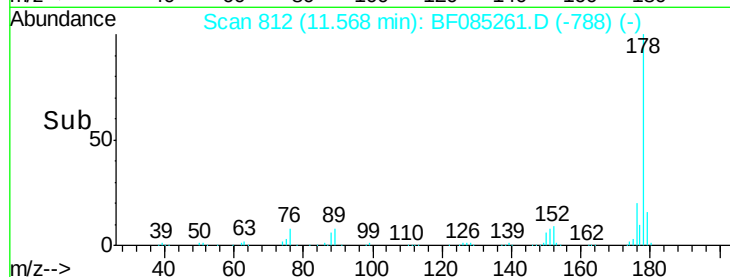
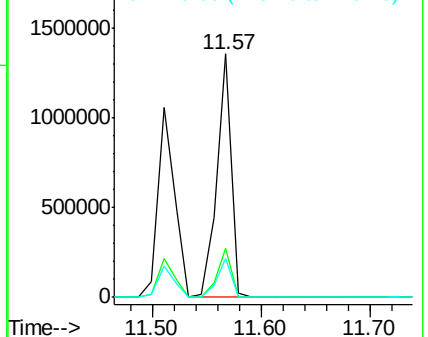
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.68 ng

RT: 11.72 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

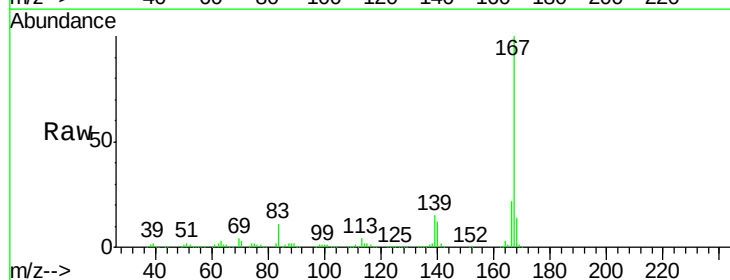
Tgt Ion:167 Resp: 1024195

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

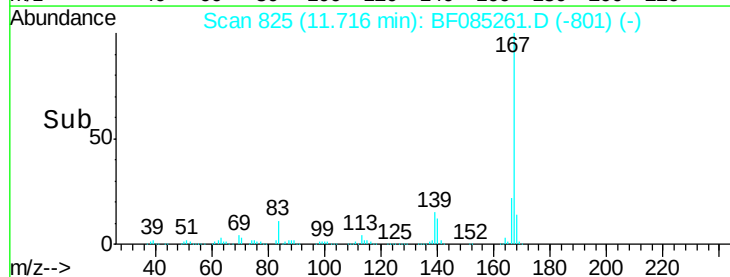
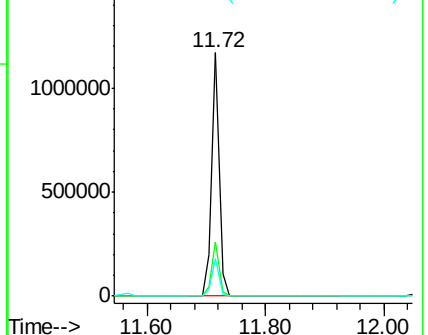
139 15.3 11.4 17.0

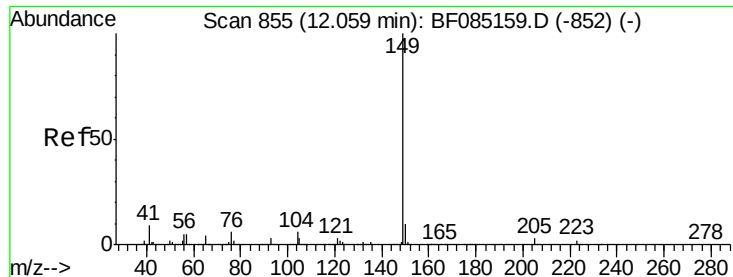


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.92 ng

RT: 12.05 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

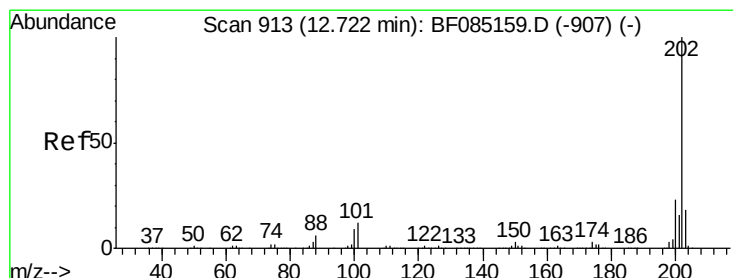
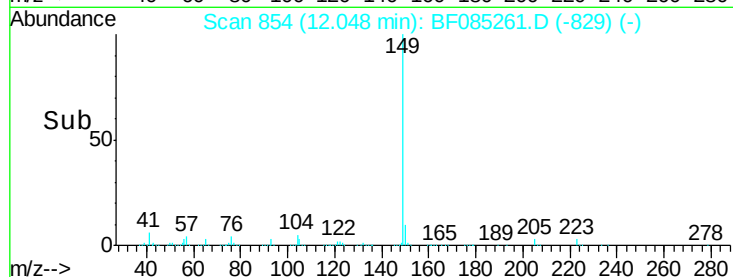
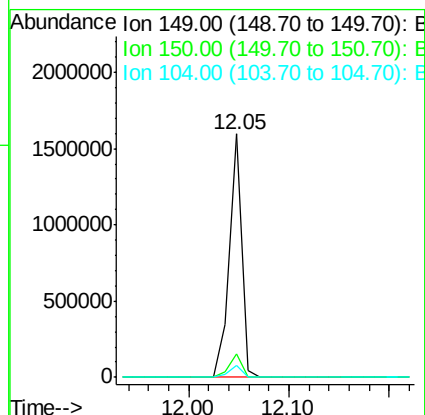
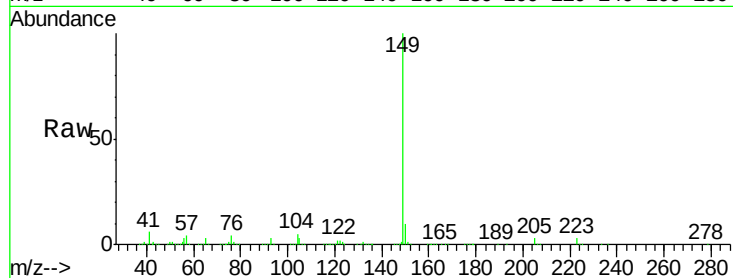
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Tgt Ion:	149	Resp:	1367551
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.9	4.7	7.1



#74

Fluoranthene

Concen: 39.92 ng

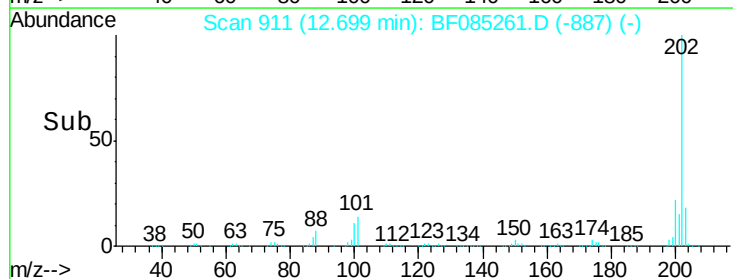
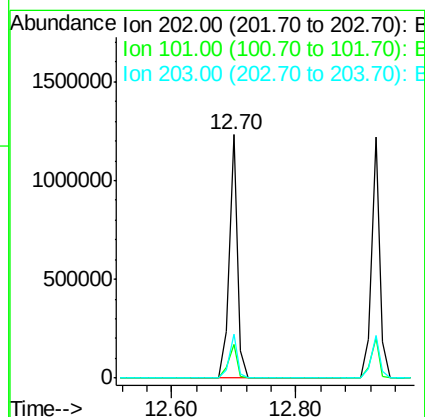
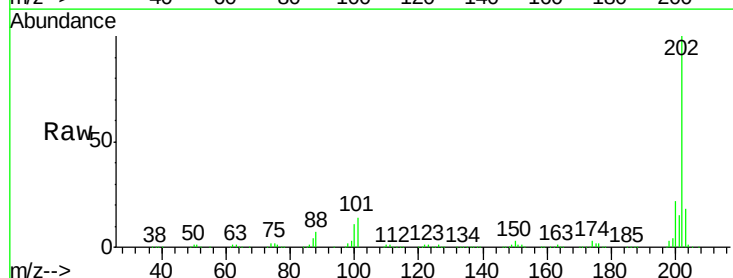
RT: 12.70 min Scan# 911

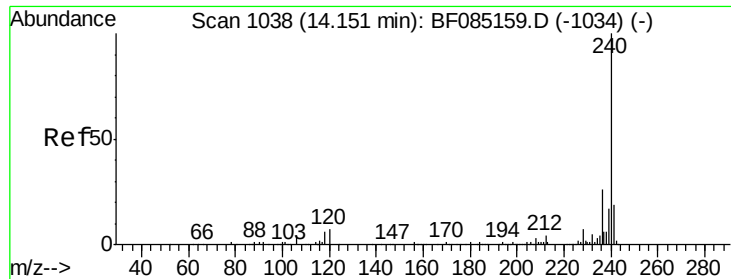
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion:	202	Resp:	1110851
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	31.8
203	18.1	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

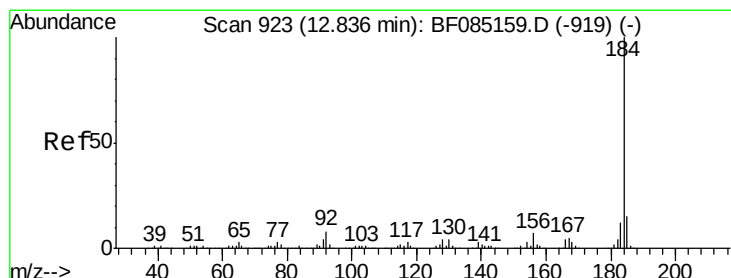
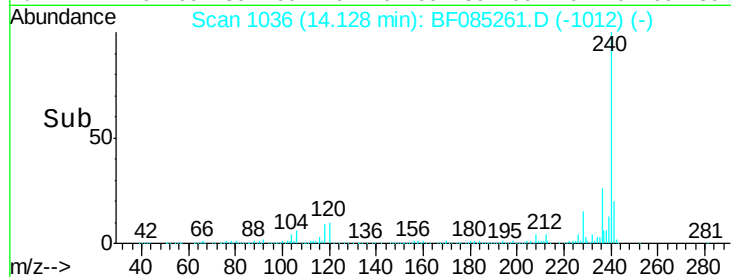
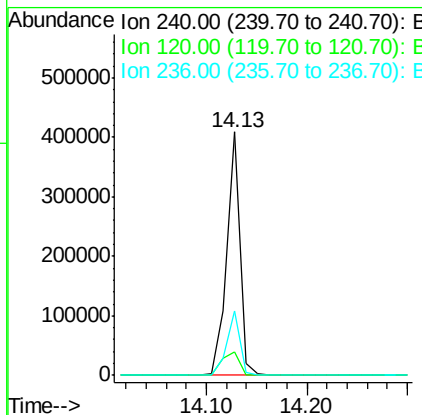
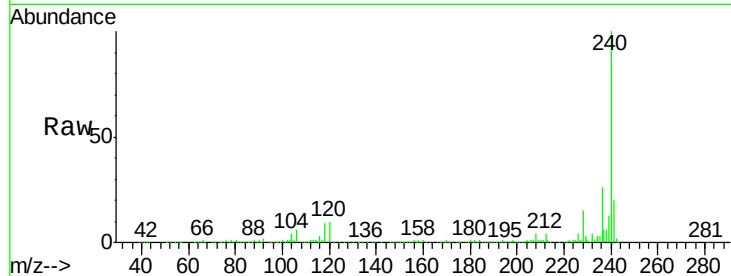
ClientSampleId :

PB88766BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.3	7.9#
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 36.12 ng

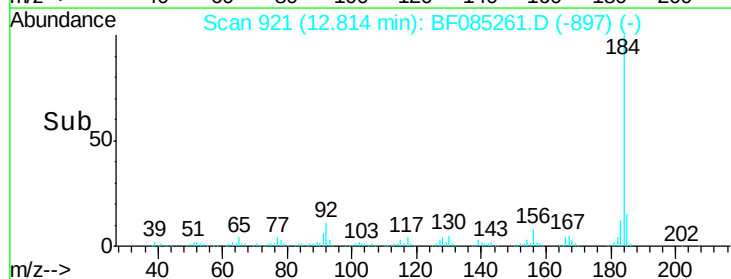
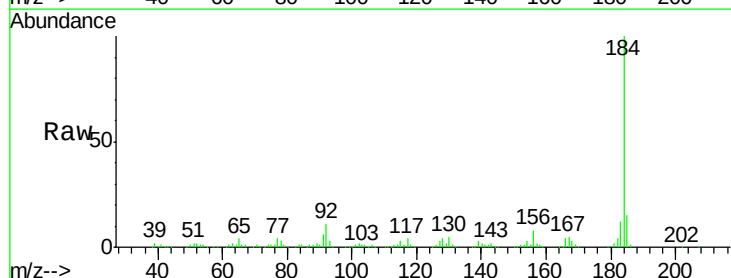
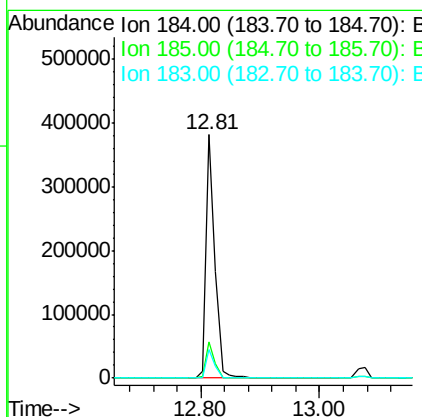
RT: 12.81 min Scan# 921

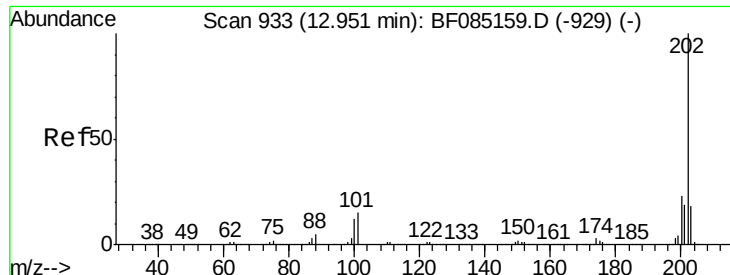
Delta R.T. -0.02 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.4	18.6
183	11.6	9.4	14.2





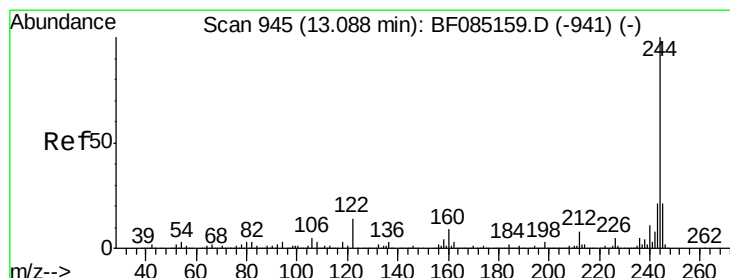
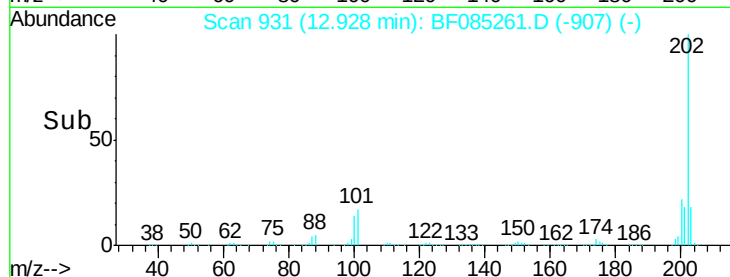
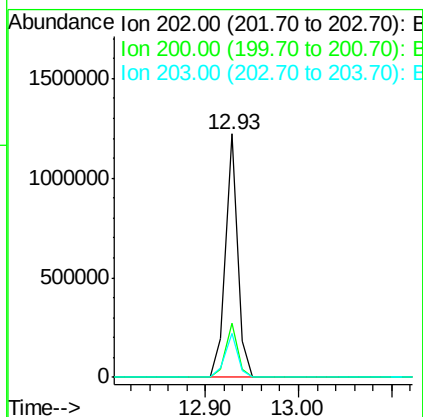
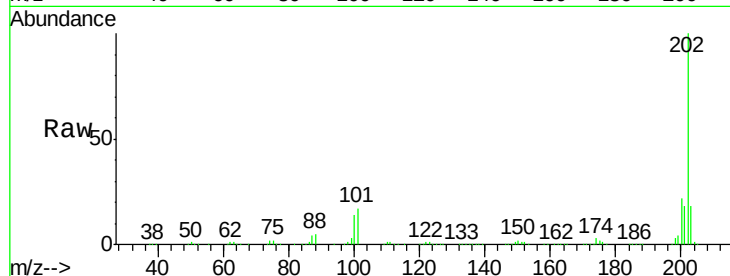
#77
 Pyrene
 Concen: 39.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	17.8	14.7	22.1

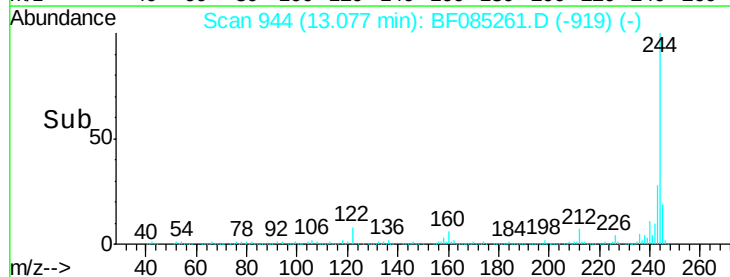
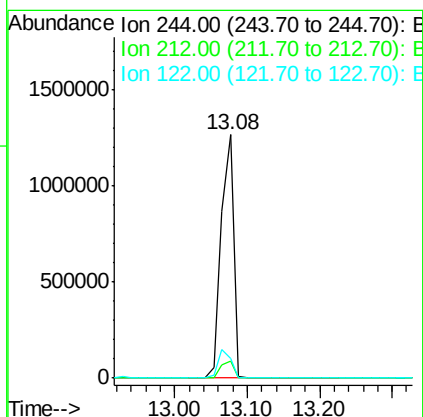
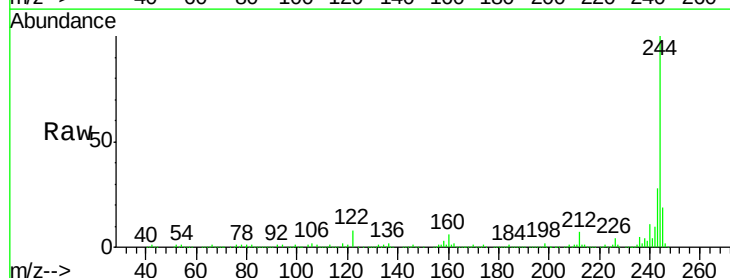
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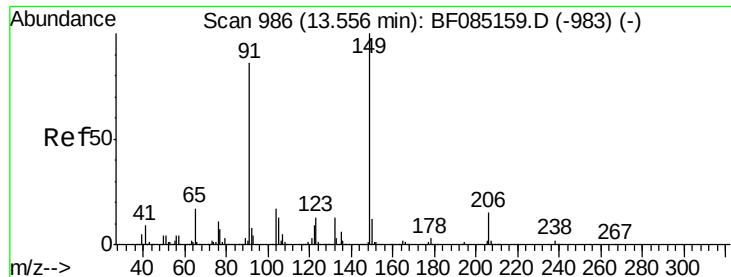
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#78
 Terphenyl-d14
 Concen: 93.94 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	8.0	11.4	17.2





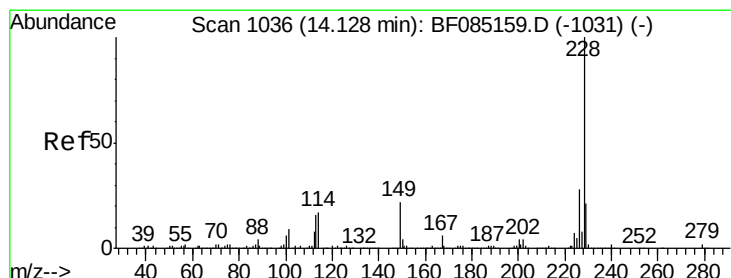
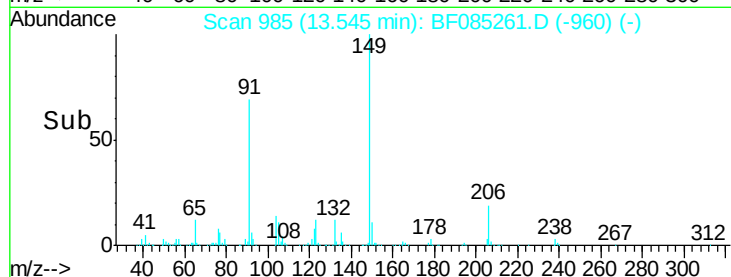
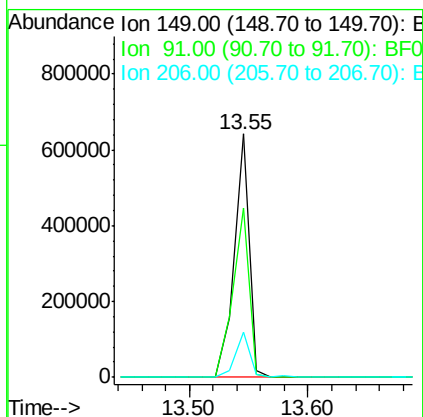
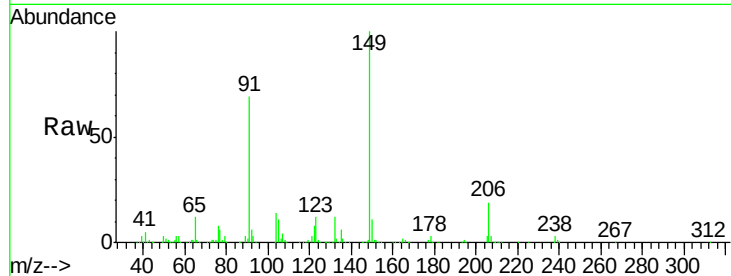
#79
Butylbenzylphthalate
Concen: 44.00 ng
RT: 13.55 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563573		
91	69.3	69.0	103.4	
206	18.7	12.3	18.5#	

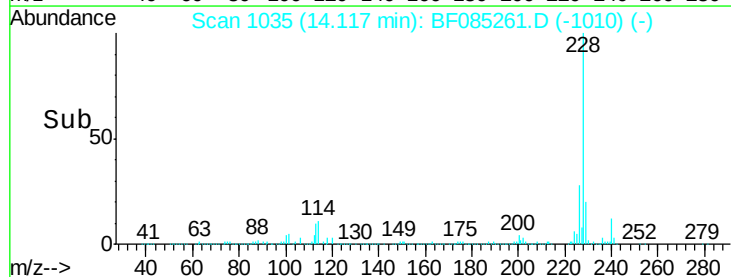
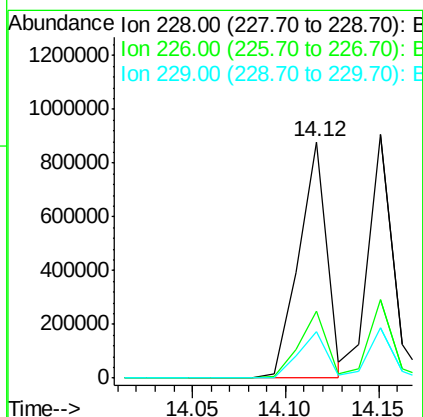
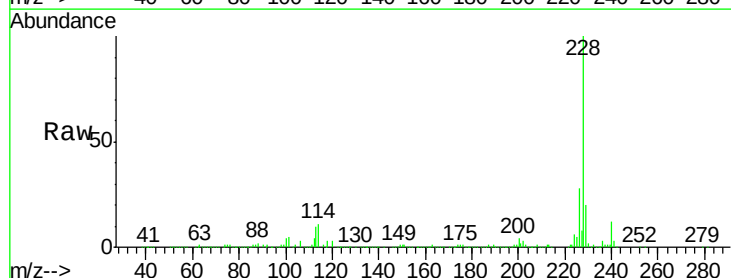
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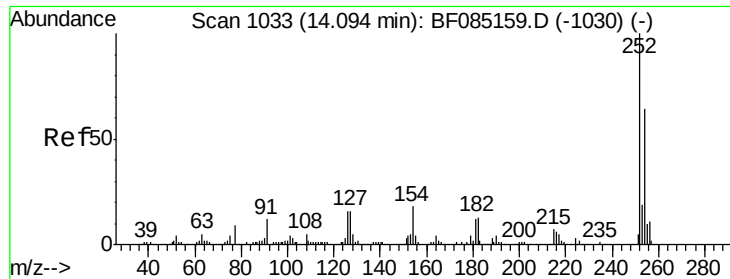
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#80
Benzo(a)anthracene
Concen: 41.14 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	923558		
226	28.3	22.8	34.2	
229	20.0	16.6	24.8	





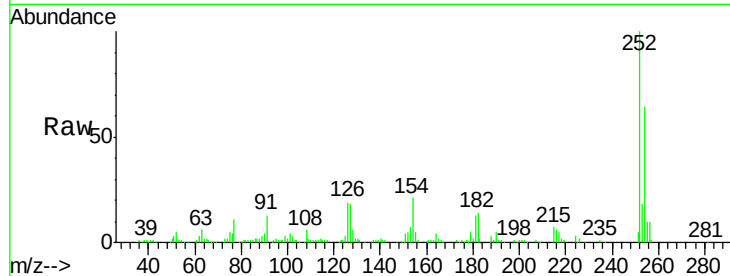
#81
 3,3'-Dichlorobenzidine
 Concen: 15.19 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampled :
 PB88766BS

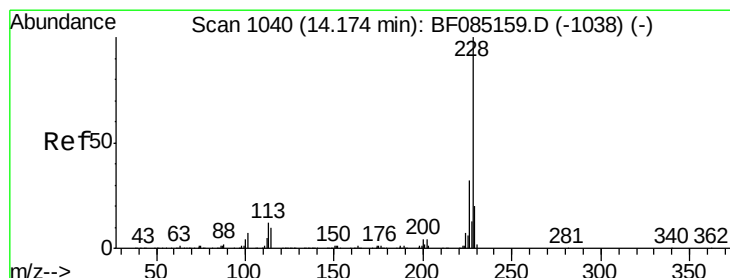
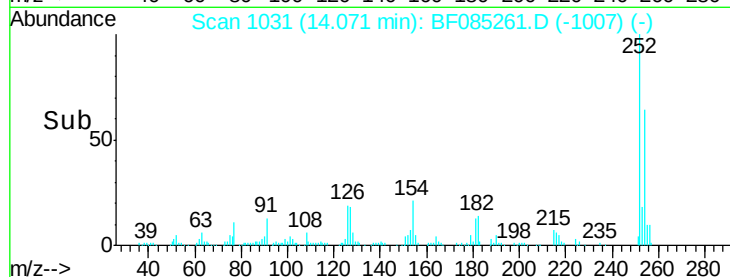
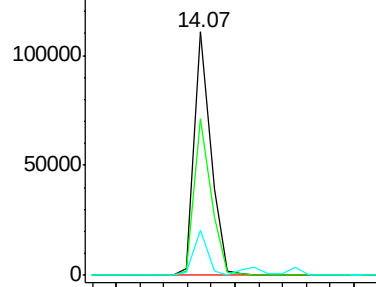
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.4	77.0
126	18.6	12.9	19.3

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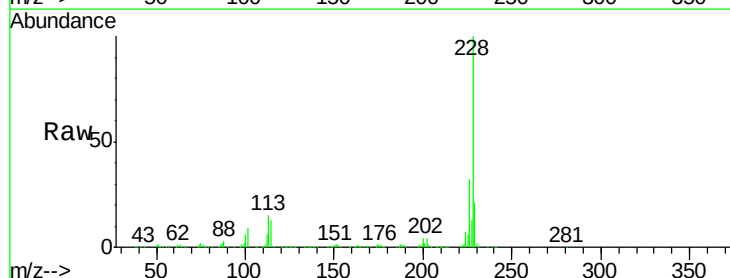


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

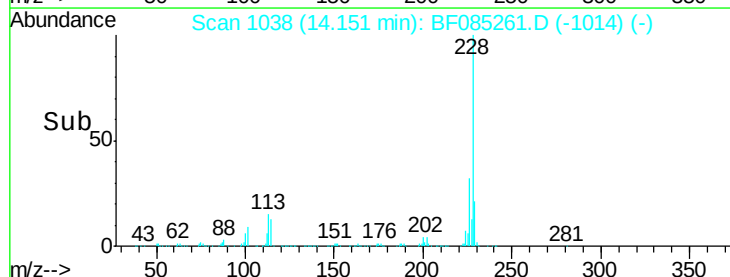
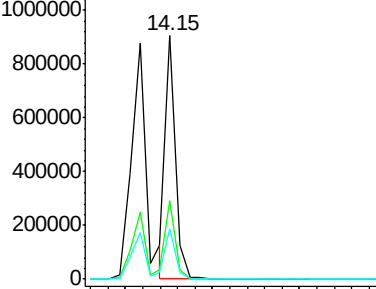


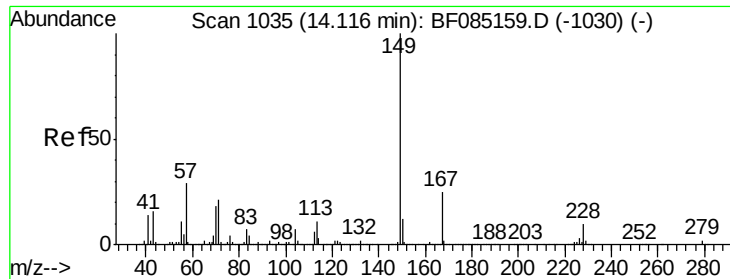
#82
 Chrysene
 Concen: 34.86 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	25.2	37.8
229	20.6	16.0	24.0



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





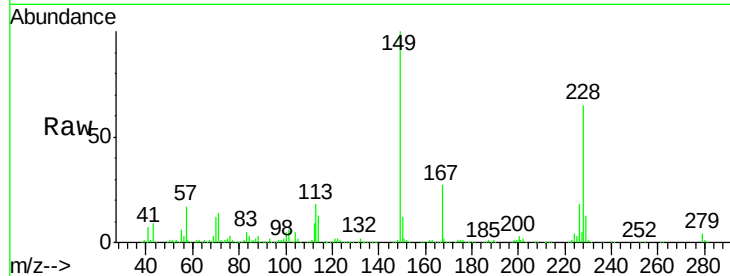
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.01 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

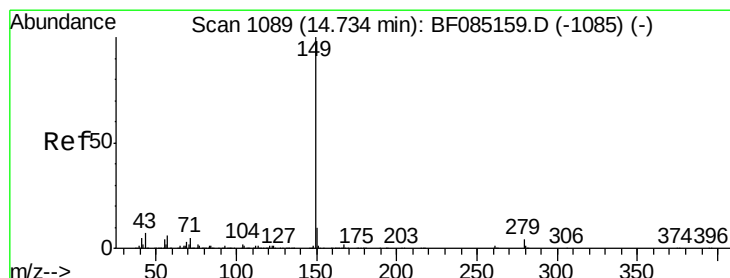
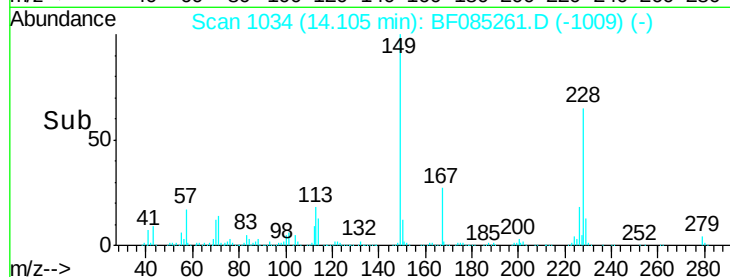
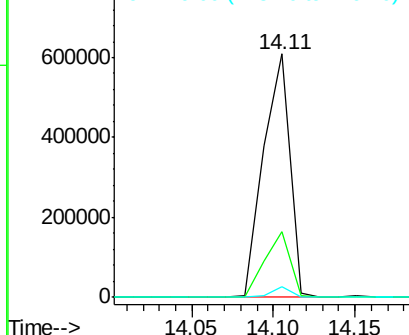
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	691222		
167	27.2	20.3	30.5	
279	4.1	1.9	2.9	

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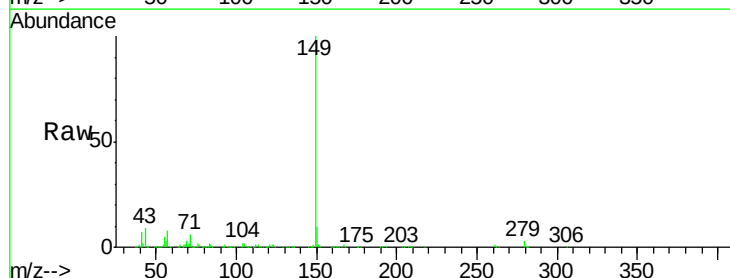


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

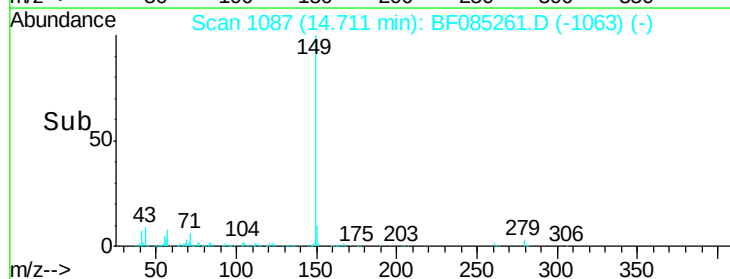
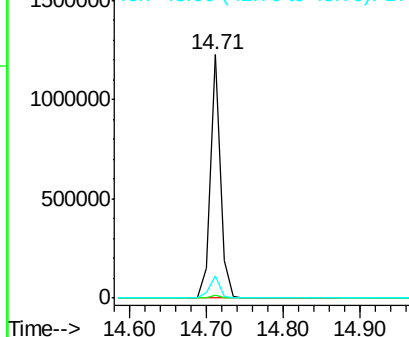


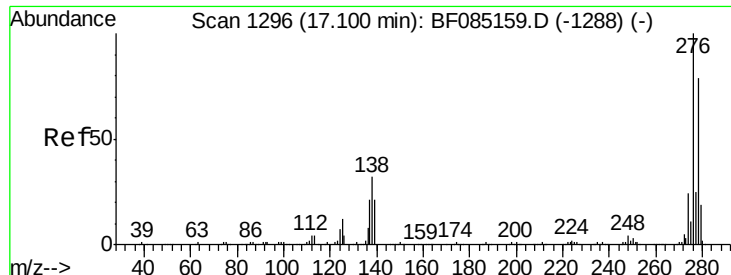
#84
 Di-n-octyl phthalate
 Concen: 42.29 ng
 RT: 14.71 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1085627		
167	1.5	1.1	1.7	
43	9.3	7.8	11.8	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





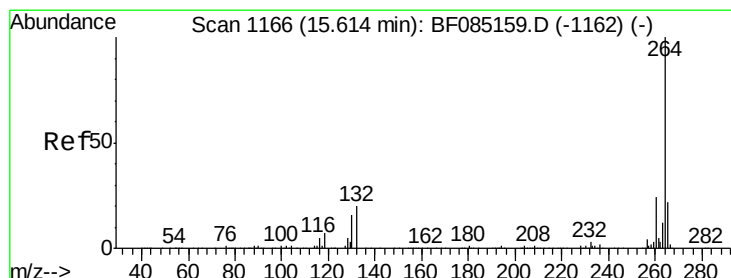
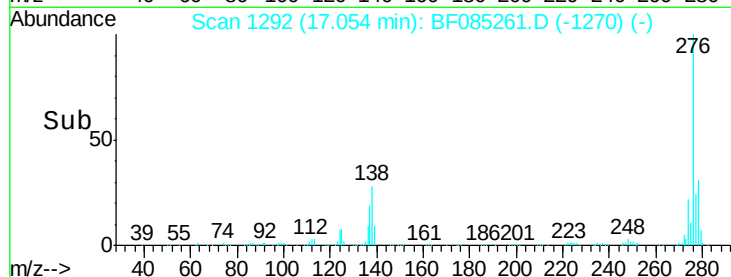
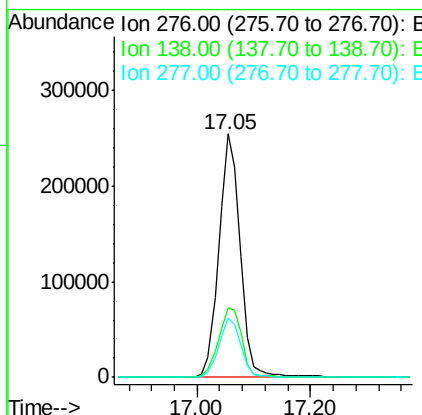
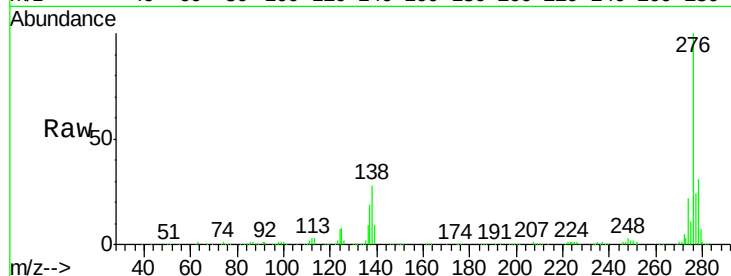
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.05 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	26.4	39.6
277	25.1	20.2	30.2

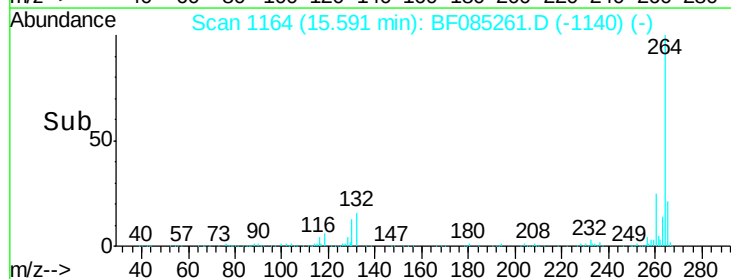
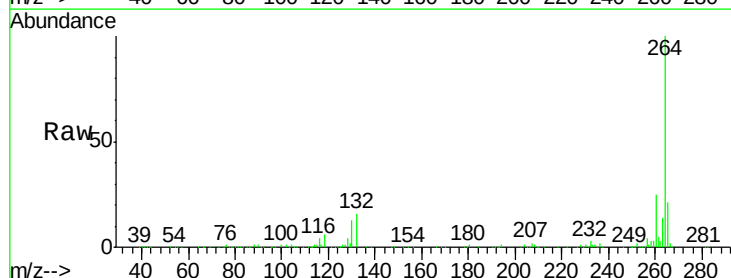
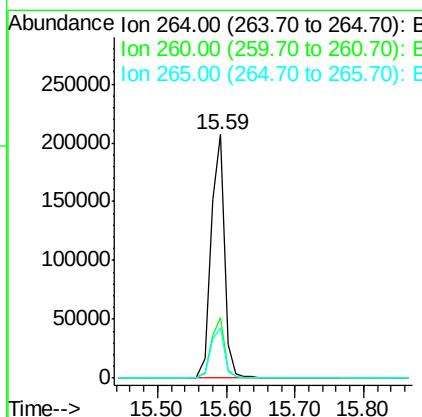
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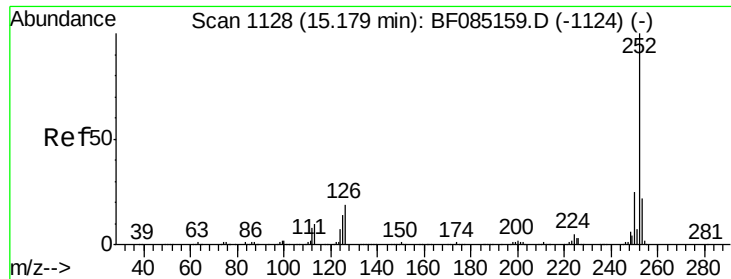
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.7	17.3	25.9





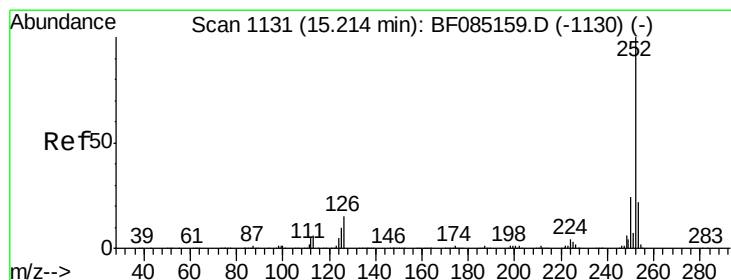
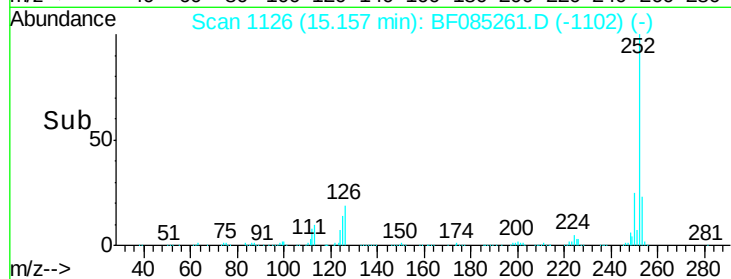
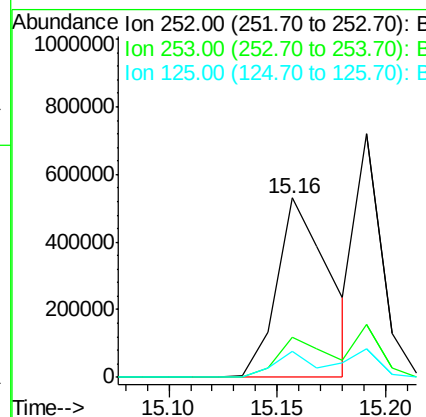
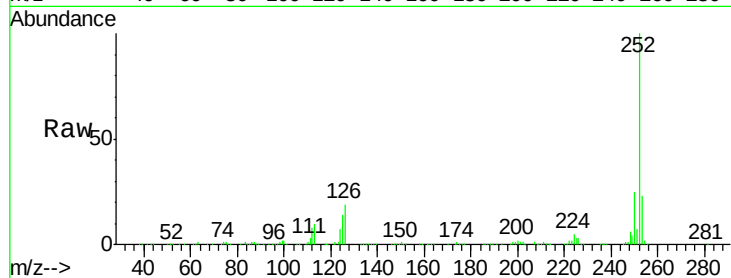
#87
Benzo(b)fluoranthene
Concen: 46.68 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.2	11.3	16.9

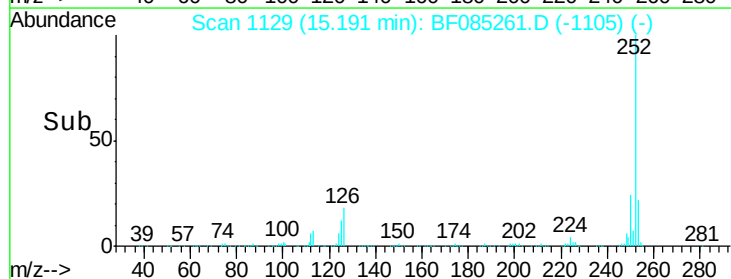
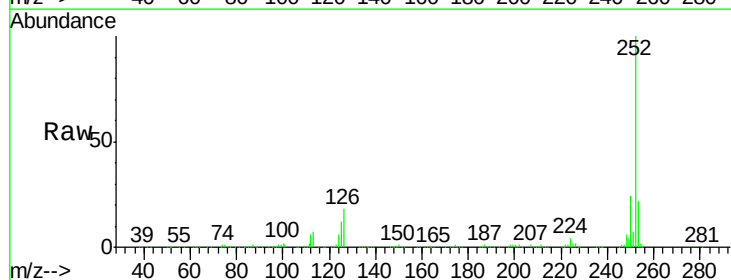
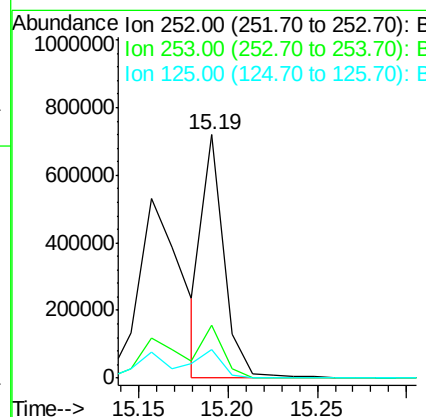
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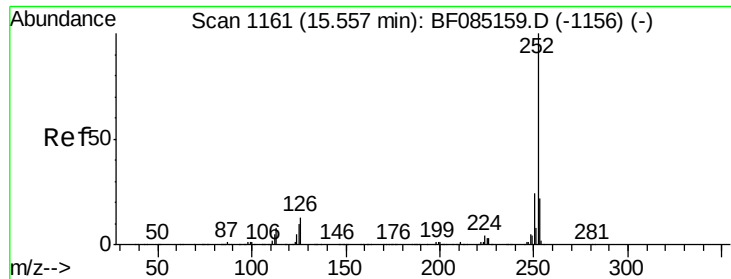
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3/9/2016 3:26:36 PM



#88
Benzo(k)fluoranthene
Concen: 39.58 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF085261.D
Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.9	10.4	15.6





#89

Benzo(a)pyrene

Concen: 45.62 ng

RT: 15.53 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF085261.D

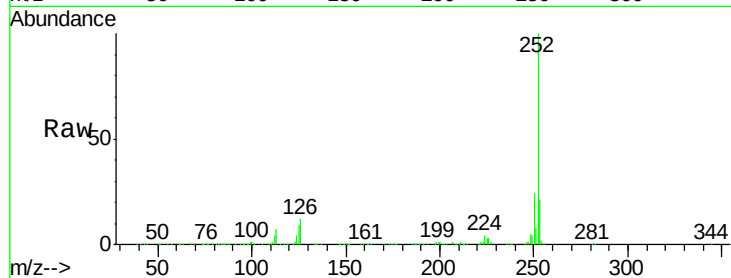
Acq: 8 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

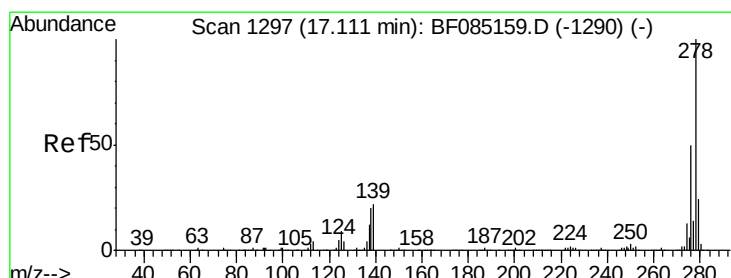
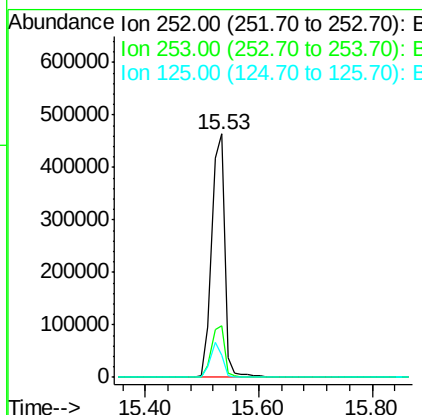
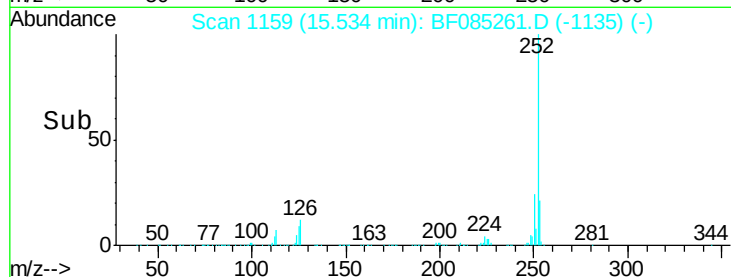
PB88766BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.0	8.2	12.4

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3/9/2016 3:26:36 PM



#90

Dibenzo(a,h)anthracene

Concen: 41.51 ng

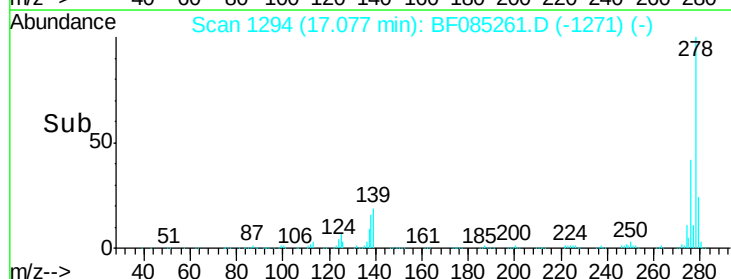
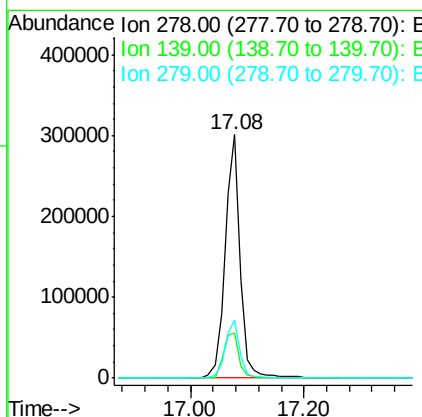
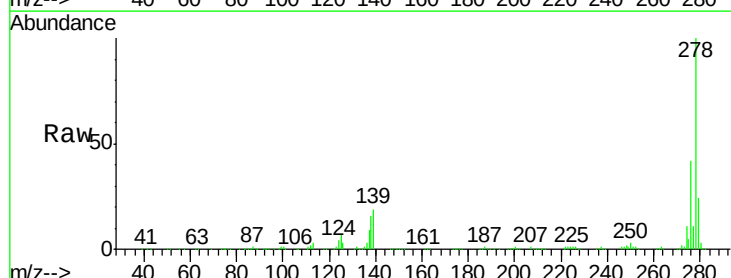
RT: 17.08 min Scan# 1294

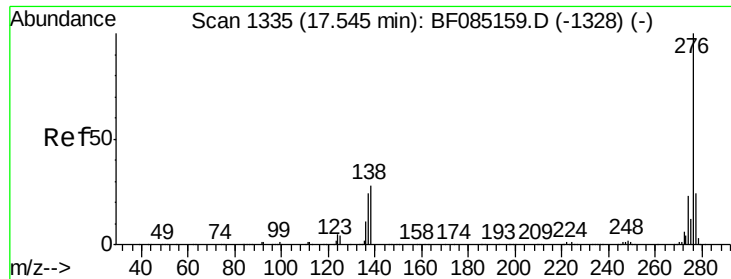
Delta R.T. -0.03 min

Lab File: BF085261.D

Acq: 8 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.3	25.9
279	24.0	19.2	28.8





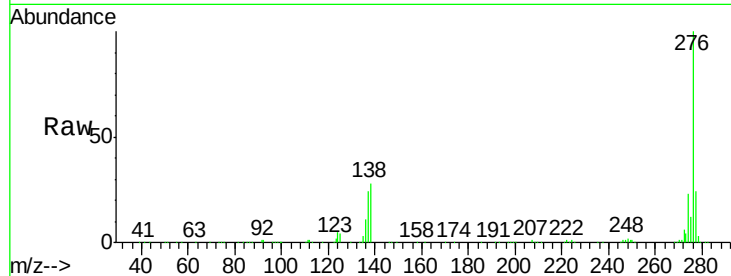
#91
 Benzo(g,h,i)perylene
 Concen: 40.98 ng
 RT: 17.50 min Scan# 1331
 Delta R.T. -0.05 min
 Lab File: BF085261.D
 Acq: 8 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BS

Tgt	Ion	276	Resp:	552925
Ion	Ratio	Lower	Upper	
276	100			
277	23.9	19.0	28.4	
138	28.2	22.5	33.7	

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

