

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085331.D
 Acq On : 10 Mar 2016 14:04
 Operator : UM/SJ
 Sample : PB88788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Manual Integrations
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 3/11/2016 4:58:14 PM

Quant Time: Mar 10 16:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:13:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	156244	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	620597	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	277780	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	538868	20.00	ng	0.00
75) Chrysene-d12	14.11	240	358871	20.00	ng	0.00
86) Perylene-d12	15.57	264	262064	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1156016	124.11	ng	0.02
7) Phenol-d6	6.57	99	1421073	116.45	ng	0.01
23) Nitrobenzene-d5	7.50	82	927488	79.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	345364	145.30	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1570965	86.01	ng	0.00
78) Terphenyl-d14	13.05	244	1306445	84.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	153990	32.33	ng	99
3) Pyridine	3.44	79	475090	39.85	ng	99
4) n-Nitrosodimethylamine	3.38	42	184861	36.23	ng	100
6) Aniline	6.60	93	339080	19.82	ng	99
8) 2-Chlorophenol	6.72	128	413280	36.85	ng	94
9) Benzaldehyde	6.48	77	109075	15.60	ng	99
10) Phenol	6.58	94	590383	45.17	ng	89
11) bis(2-Chloroethyl)ether	6.68	93	419754	38.67	ng	99
12) 1,3-Dichlorobenzene	6.88	146	468080	38.88	ng	98
13) 1,4-Dichlorobenzene	6.96	146	448044m	37.13	ng	
14) 1,2-Dichlorobenzene	7.11	146	428860	39.17	ng	100
15) Benzyl Alcohol	7.08	79	339252	37.87	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	538817	34.43	ng	99
17) 2-Methylphenol	7.19	107	346152	37.83	ng	97
18) Hexachloroethane	7.45	117	165783	37.24	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	279645	35.16	ng	# 90
20) 3+4-Methylphenols	7.34	107	444869	41.04	ng	91
22) Acetophenone	7.35	105	552531	36.48	ng	# 98
24) Nitrobenzene	7.52	77	450540	38.24	ng	100
25) Isophorone	7.76	82	817972	38.06	ng	98
26) 2-Nitrophenol	7.84	139	239410	41.76	ng	# 89
27) 2,4-Dimethylphenol	7.88	122	419542	40.04	ng	96
28) bis(2-Chloroethoxy)methane	7.97	93	506211	42.29	ng	99
29) 2,4-Dichlorophenol	8.08	162	373429	44.19	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	361403	39.56	ng	100
31) Naphthalene	8.25	128	1208158	39.59	ng	98
32) Benzoic acid	7.98	122	198328	28.50	ng	99
33) 4-Chloroaniline	8.29	127	94540	7.66	ng	98
34) Hexachlorobutadiene	8.37	225	196158	41.26	ng	99
35) Caprolactam	8.66	113	116061m	42.06	ng	
36) 4-Chloro-3-methylphenol	8.78	107	398198	41.54	ng	90
37) 2-Methylnaphthalene	8.94	142	817721	41.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	328128	41.30	ng	97
40) Hexachlorocyclopentadiene	9.10	237	394387	92.05	ng	98

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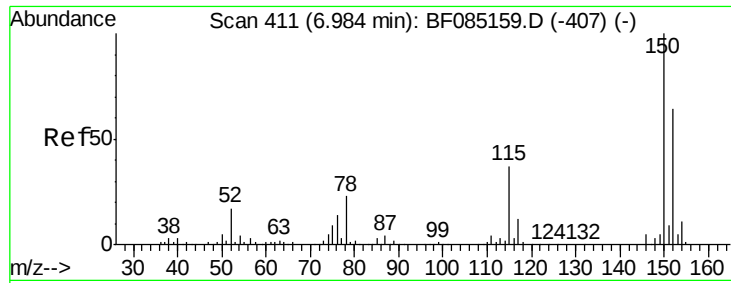
Manual Integrations
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 3/11/2016 4:58:14 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	238259	40.29	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	257400	45.91	ng #	91
45) 1,1'-Biphenyl	9.41	154	999109	42.10	ng	93
46) 2-Chloronaphthalene	9.43	162	784271	43.35	ng	98
47) 2-Nitroaniline	9.52	65	256442	45.75	ng #	83
48) Acenaphthylene	9.84	152	1092433	38.80	ng	98
49) Dimethylphthalate	9.70	163	898878	42.16	ng	99
50) 2,6-Dinitrotoluene	9.76	165	183539	40.24	ng	90
51) Acenaphthene	10.01	154	748261	43.77	ng	99
52) 3-Nitroaniline	9.93	138	103997	19.06	ng	91
53) 2,4-Dinitrophenol	10.04	184	158862	69.77	ng #	54
54) Dibenzofuran	10.18	168	967467	43.20	ng	100
55) 4-Nitrophenol	10.09	139	329655	76.87	ng #	77
56) 2,4-Dinitrotoluene	10.17	165	265282	45.45	ng #	69
57) Fluorene	10.53	166	718145	40.82	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	178449	45.30	ng	96
59) Diethylphthalate	10.40	149	802779	38.80	ng	96
60) 4-Chlorophenyl-phenylether	10.52	204	351633	41.08	ng	88
61) 4-Nitroaniline	10.55	138	229851	45.03	ng	90
62) Azobenzene	10.68	77	947310	46.47	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	116178	36.01	ng #	67
65) n-Nitrosodiphenylamine	10.64	169	698271	41.66	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	206948	39.55	ng #	81
67) Hexachlorobenzene	11.08	284	223696	40.07	ng #	82
68) Atrazine	11.17	200	238137	51.09	ng	97
69) Pentachlorophenol	11.27	266	251566	81.19	ng	99
70) Phenanthrene	11.49	178	1106307	39.17	ng	99
71) Anthracene	11.54	178	1107700	36.95	ng	100
72) Carbazole	11.69	167	871945	33.17	ng	99
73) Di-n-butylphthalate	12.02	149	1109025	33.37	ng	99
74) Fluoranthene	12.68	202	990727	34.96	ng	97
76) Benzidine	12.80	184	336318	31.49	ng	99
77) Pyrene	12.90	202	1005294	37.22	ng	99
79) Butylbenzylphthalate	13.52	149	460596	37.58	ng	94
80) Benzo(a)anthracene	14.09	228	801204	37.29	ng	98
81) 3,3'-Dichlorobenzidine	14.06	252	86514	12.77	ng #	96
82) Chrysene	14.14	228	759560	38.27	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	594470	36.86	ng	100
84) Di-n-octyl phthalate	14.70	149	951990	38.76	ng	96
85) Indeno(1,2,3-cd)pyrene	17.03	276	646293	41.73	ng	97
87) Benzo(b)fluoranthene	15.15	252	712028	40.76	ng #	96
88) Benzo(k)fluoranthene	15.17	252	597597m	42.41	ng	
89) Benzo(a)pyrene	15.51	252	605893	41.86	ng	99
90) Dibenzo(a,h)anthracene	17.04	278	541957	43.86	ng	97
91) Benzo(g,h,i)perylene	17.48	276	545605	43.91	ng #	93

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



#1

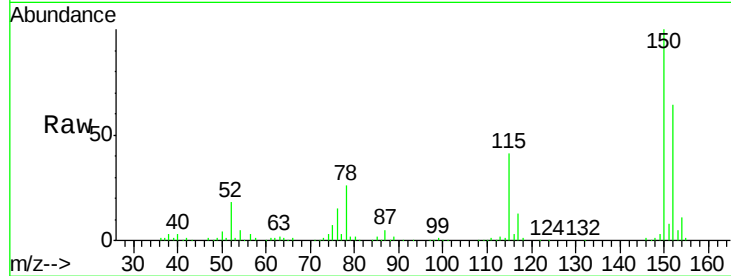
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

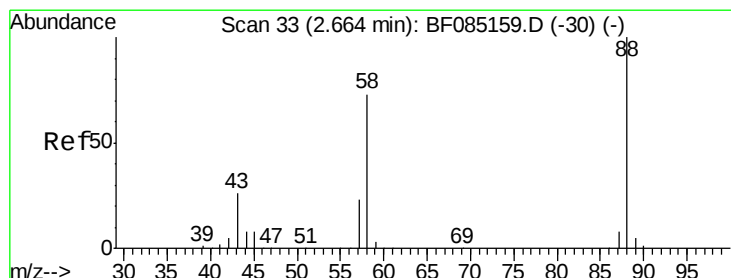
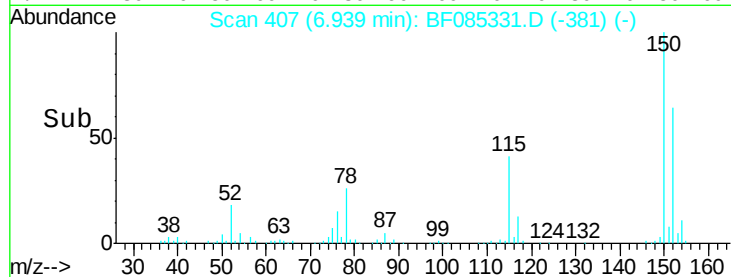
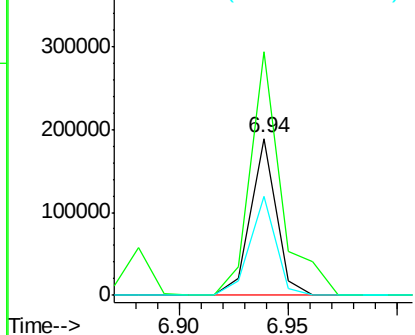
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156244		
150	155.2	124.6	186.8	
115	63.0	46.6	70.0	

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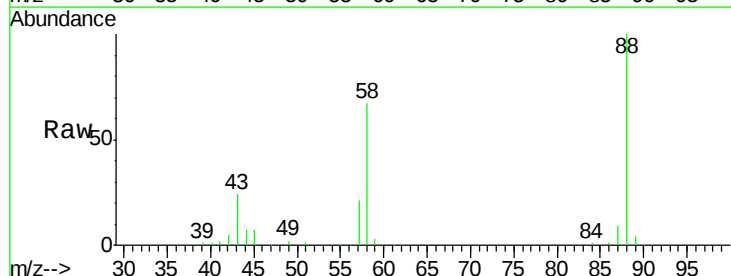
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



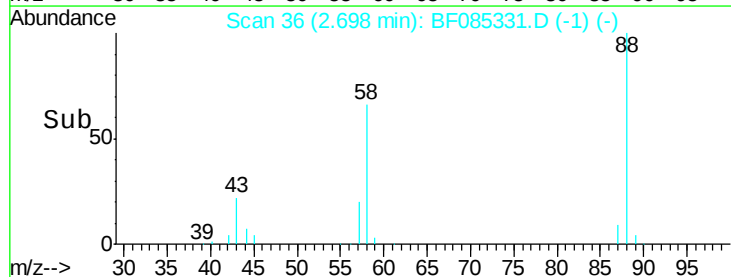
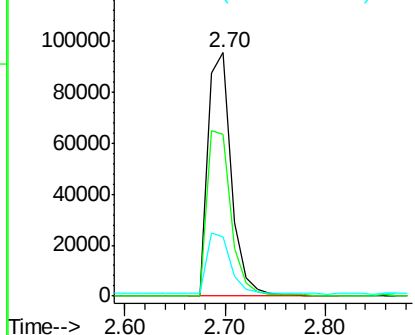
#2

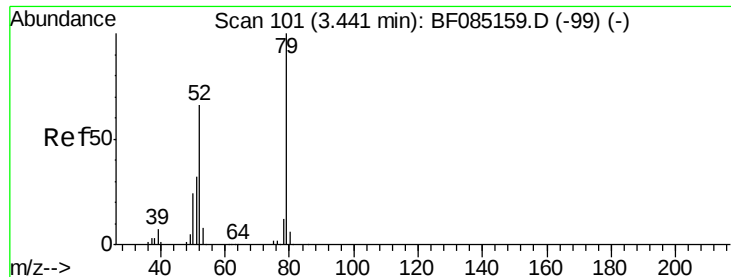
1,4-Dioxane
Concen: 32.33 ng
RT: 2.70 min Scan# 36
Delta R.T. 0.10 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	153990		
58	70.3	57.0	85.6	
43	25.7	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: 39.85 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

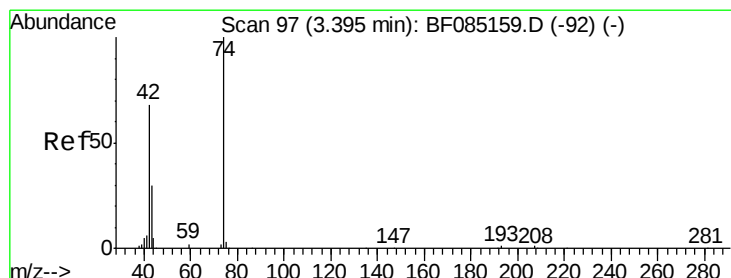
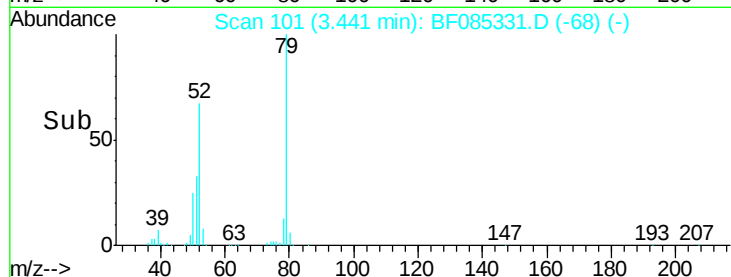
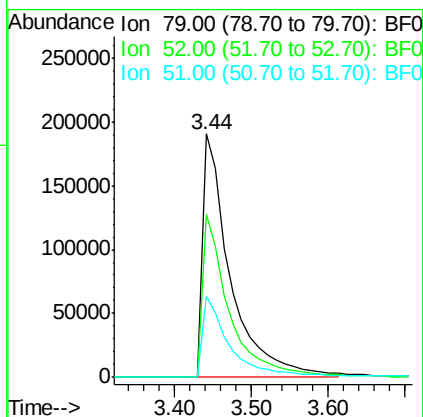
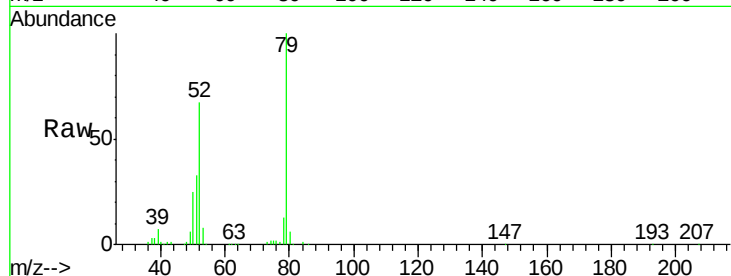
ClientSampleId :

PB88788BS

Tgt Ion:	79	Resp:	475090
Ion Ratio	Lower	Upper	
79	100		
52	66.7	52.6	79.0
51	33.5	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 36.23 ng

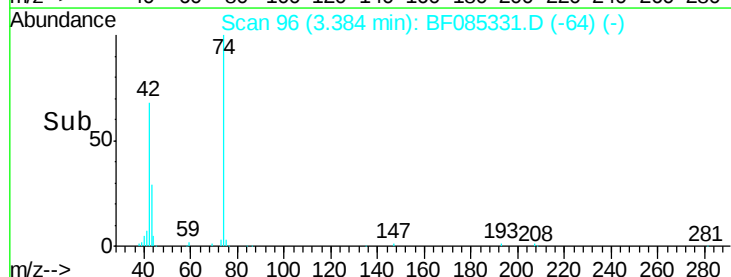
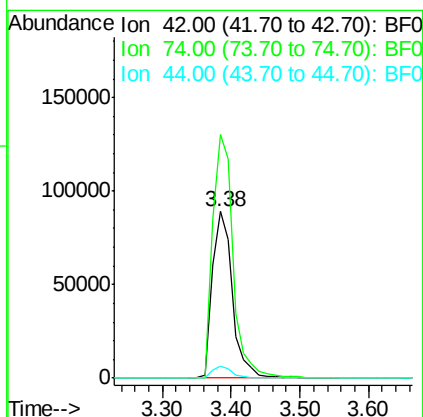
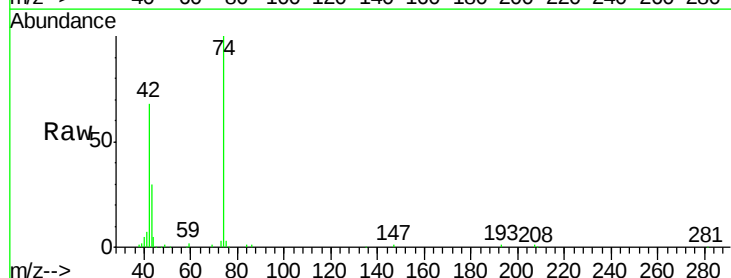
RT: 3.38 min Scan# 96

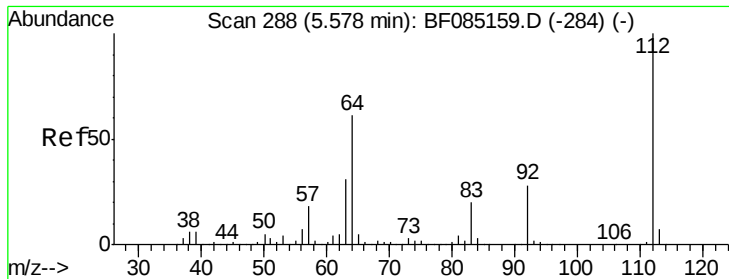
Delta R.T. 0.07 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	42	Resp:	184861
Ion Ratio	Lower	Upper	
42	100		
74	146.4	116.8	175.2
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 124.11 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085331.D

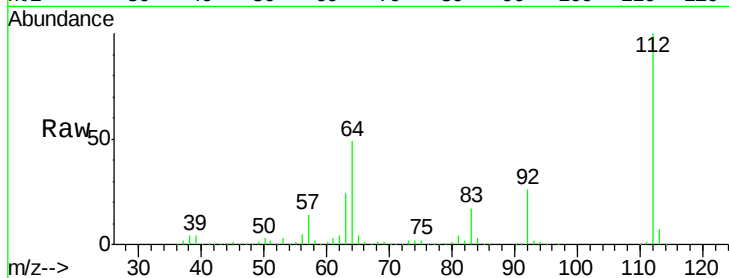
Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS



Tgt Ion: 112 Resp: 1156016

Ion Ratio Lower Upper

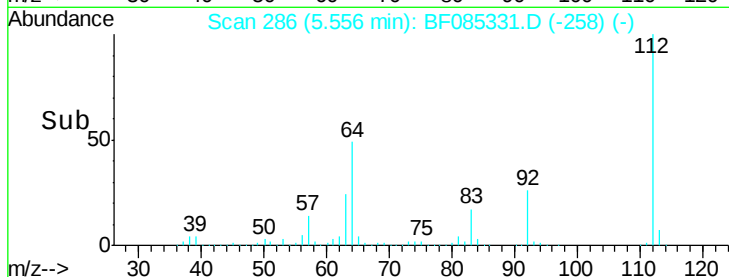
112 100

64 48.6 49.0 73.4#

63 24.4 24.8 37.2#

Manual Integrations
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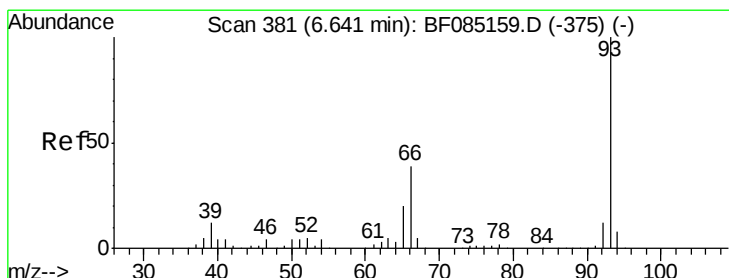
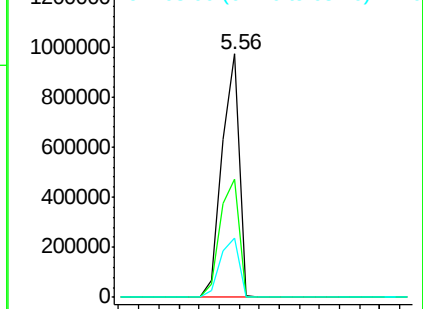
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.82 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

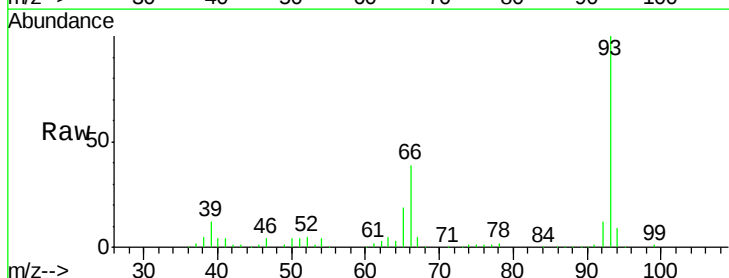
Tgt Ion: 93 Resp: 339080

Ion Ratio Lower Upper

93 100

66 38.7 31.6 47.4

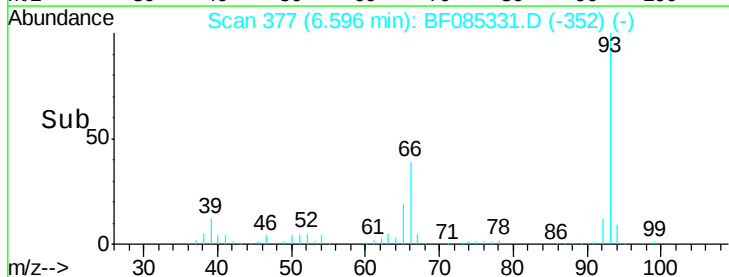
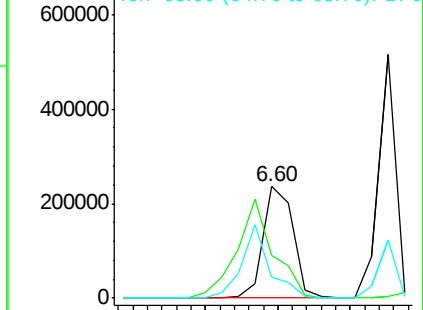
65 19.2 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.45 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS

Tgt Ion: 99 Resp: 1421073

Ion Ratio Lower Upper

99 100

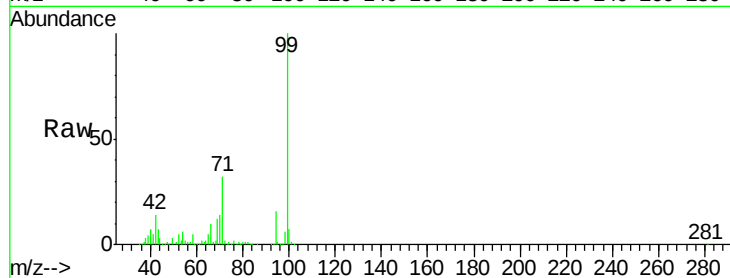
42 14.1 13.6 20.4

71 31.6 26.7 40.1

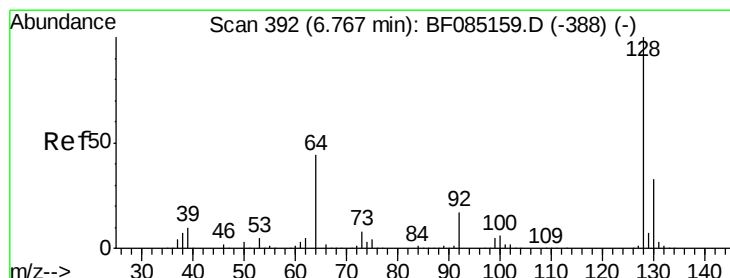
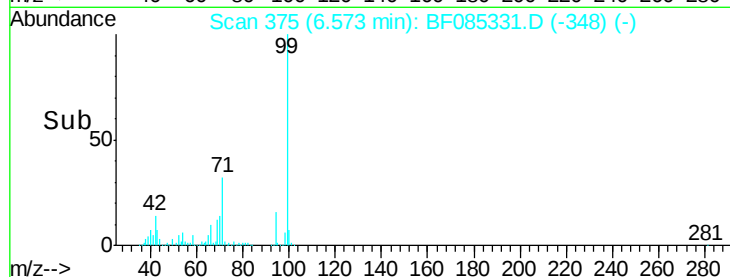
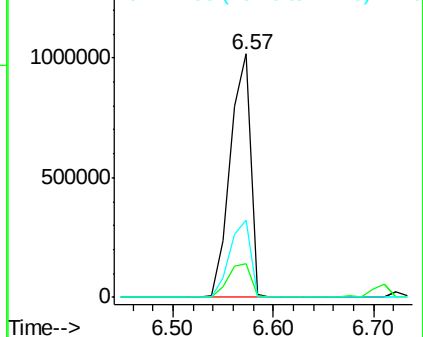
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.85 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

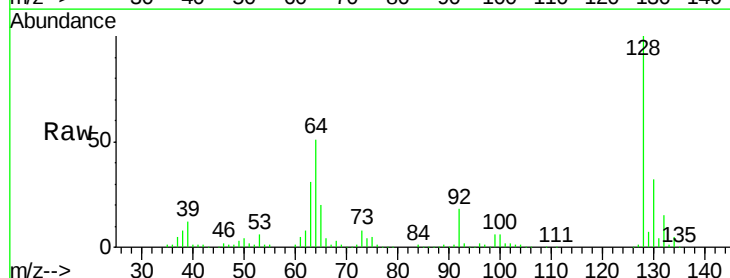
Tgt Ion: 128 Resp: 413280

Ion Ratio Lower Upper

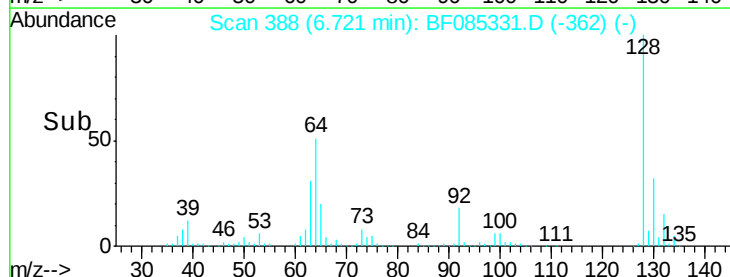
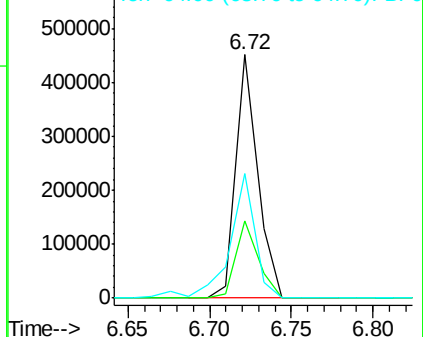
128 100

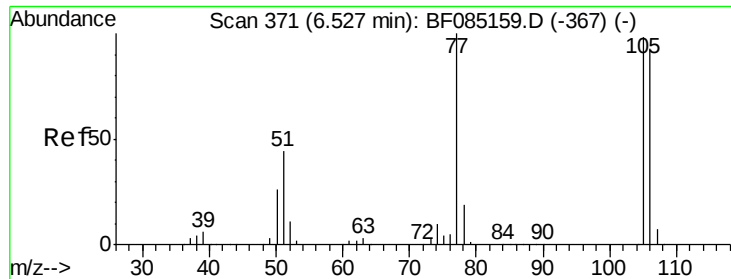
130 31.9 13.3 53.3

64 51.0 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: 15.60 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

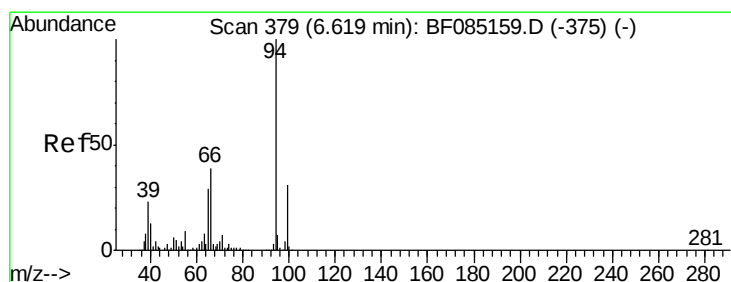
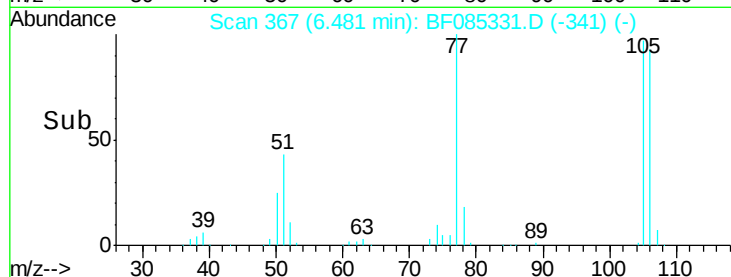
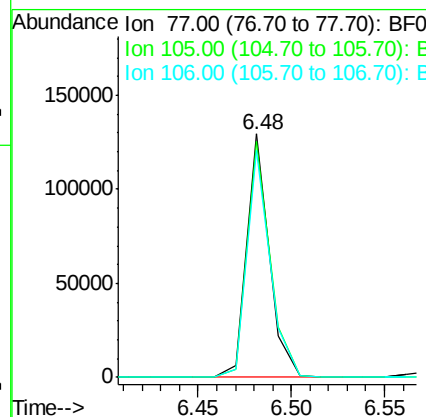
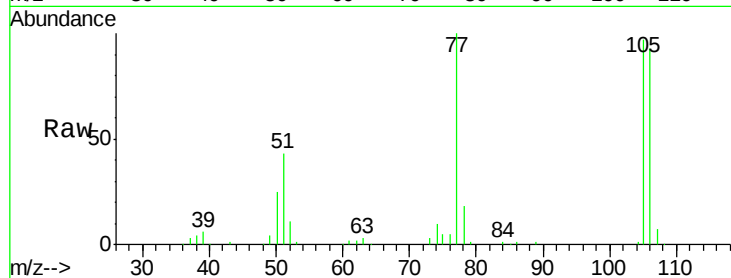
ClientSampleId :

PB88788BS

Tgt Ion:	77	Resp:	109075
Ion Ratio	Lower	Upper	
77	100		
105	96.8	78.2	118.2
106	93.3	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 45.17 ng

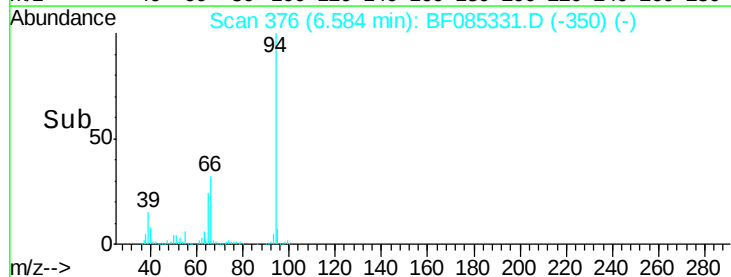
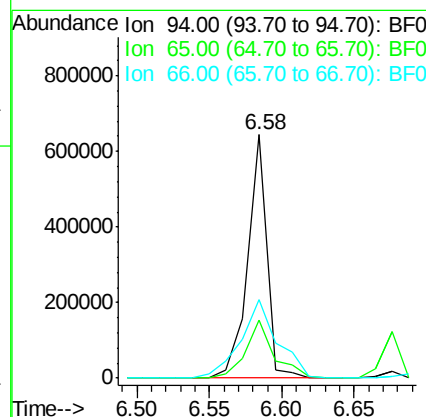
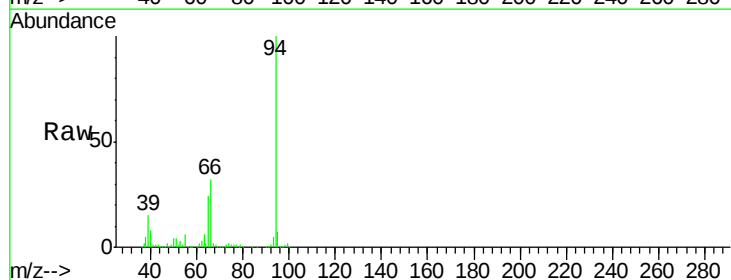
RT: 6.58 min Scan# 376

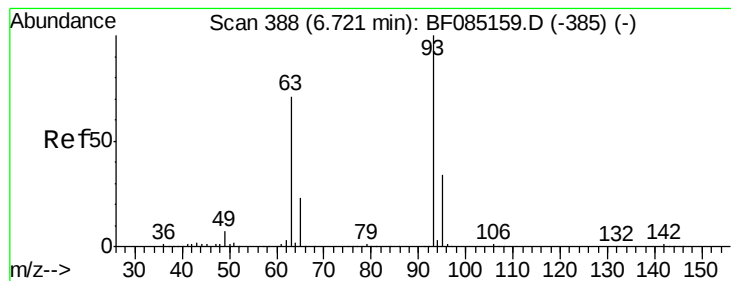
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	94	Resp:	590383
Ion Ratio	Lower	Upper	
94	100		
65	24.0	9.1	49.1
66	32.3	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 38.67 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS

Tgt Ion: 93 Resp: 419754
Ion Ratio Lower Upper

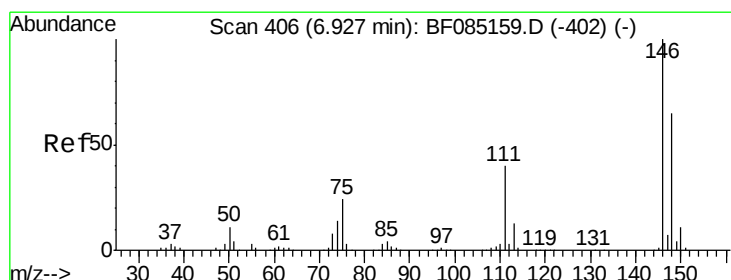
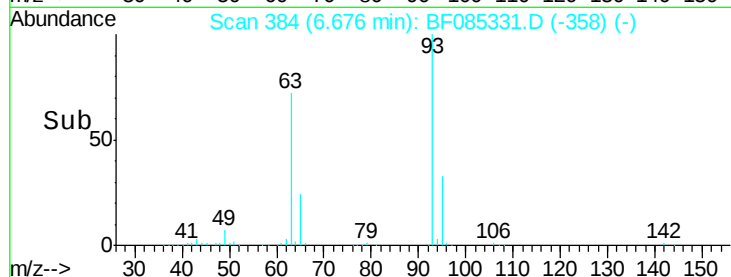
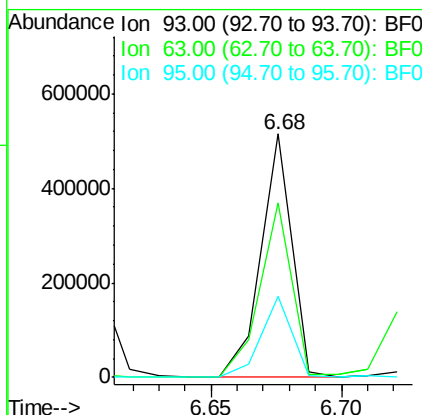
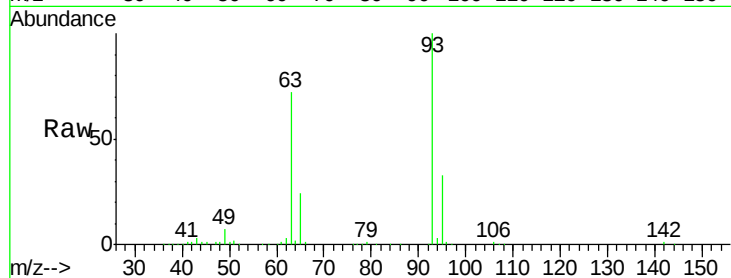
93 100

63 71.6 50.9 90.9

95 33.2 13.7 53.7

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#12

1,3-Dichlorobenzene

Concen: 38.88 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF085331.D

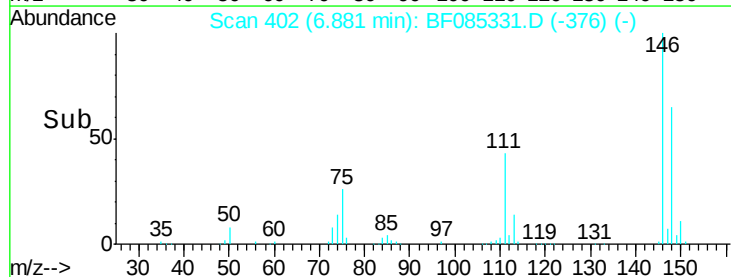
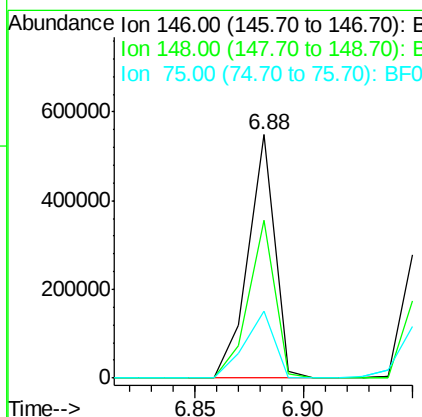
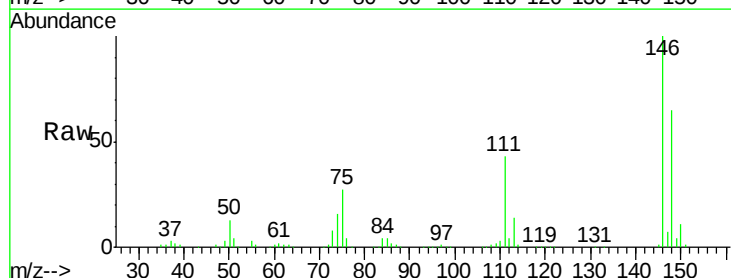
Acq: 10 Mar 2016 14:04

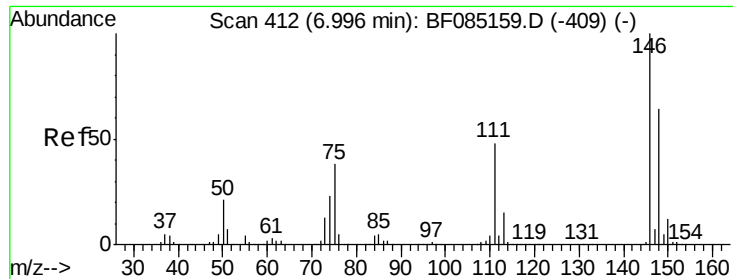
Tgt Ion: 146 Resp: 468080
Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

75 27.4 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 37.13 ng m

RT: 6.96 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

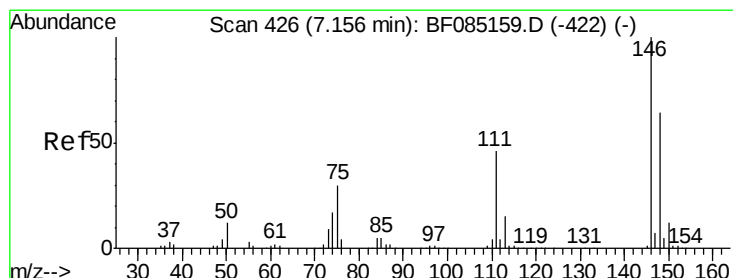
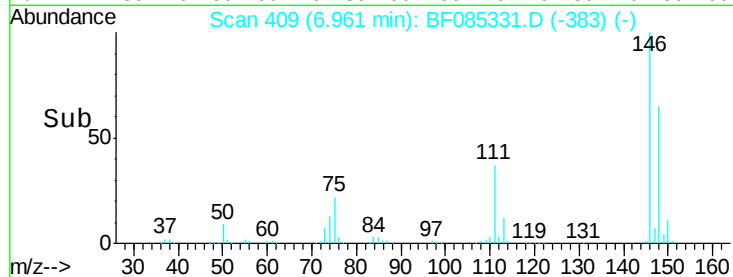
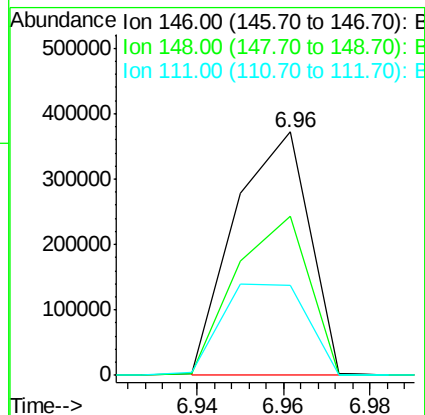
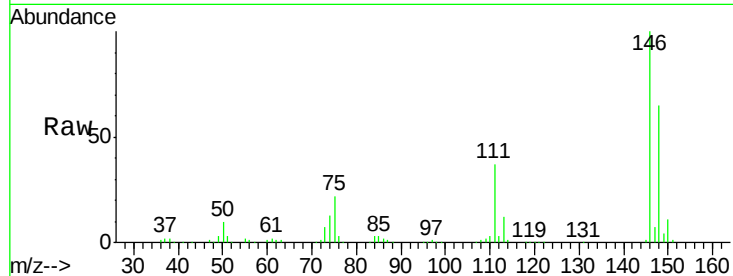
ClientSampleId :

PB88788BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.3	76.9
111	37.1	38.4	57.6#

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#14

1,2-Dichlorobenzene

Concen: 39.17 ng

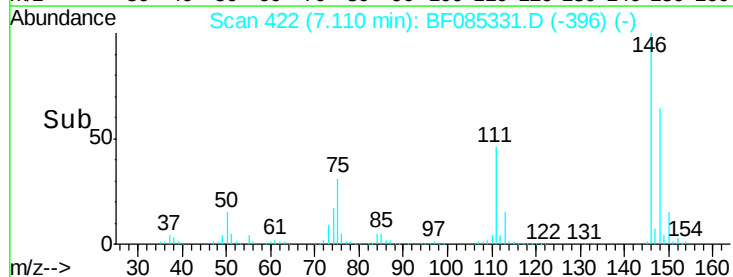
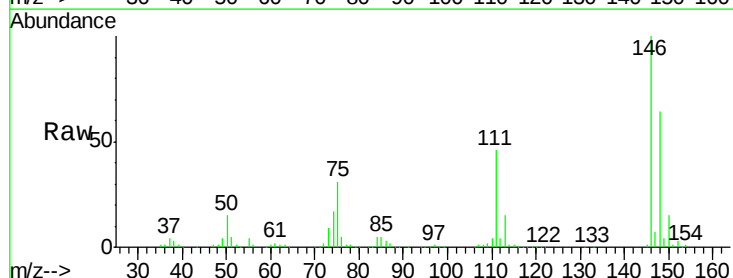
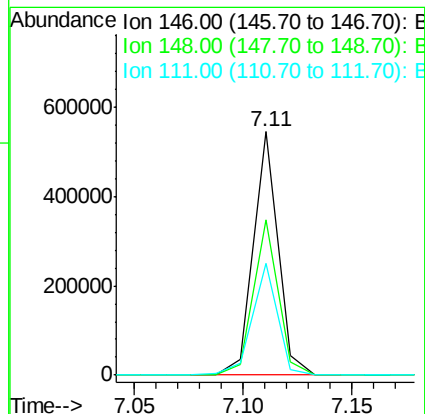
RT: 7.11 min Scan# 422

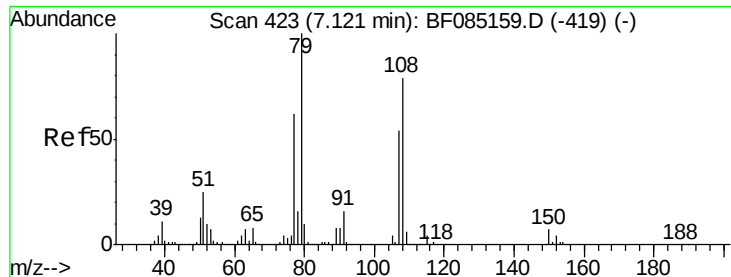
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	45.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 37.87 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

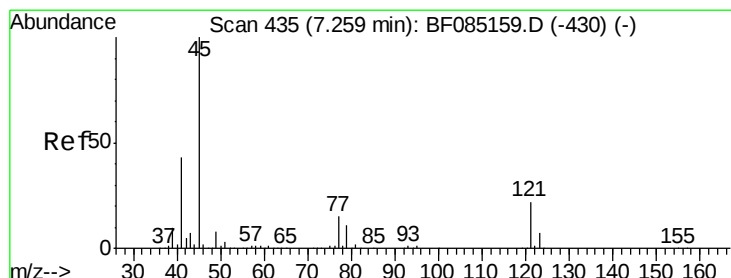
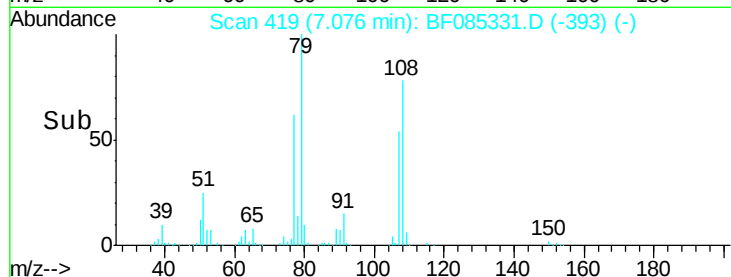
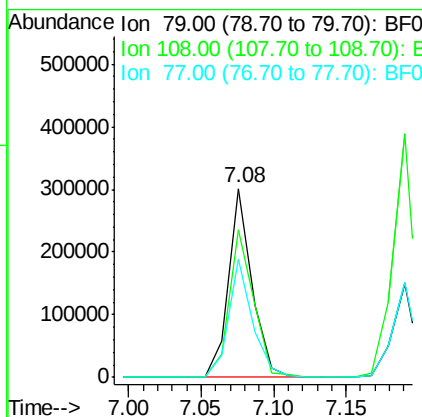
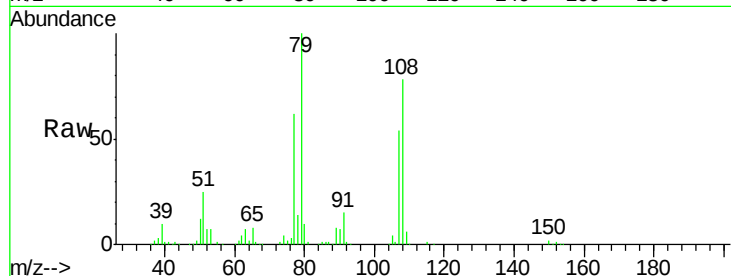
ClientSampleId :

PB88788BS

Tgt Ion:	79	Resp:	339252
Ion Ratio	Lower	Upper	
79	100		
108	78.1	62.9	94.3
77	62.4	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.43 ng

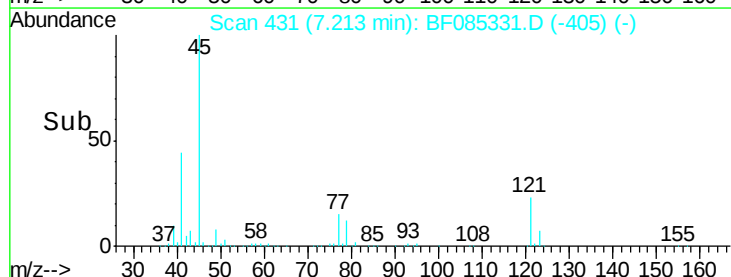
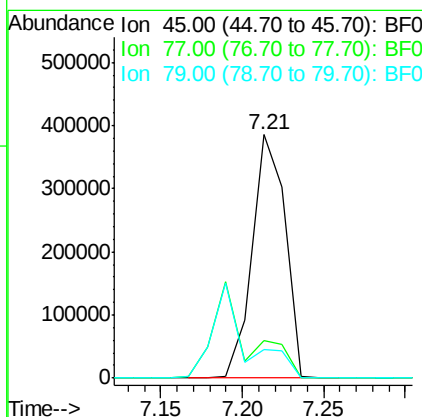
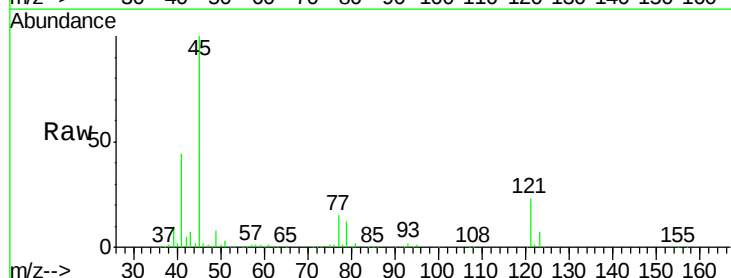
RT: 7.21 min Scan# 431

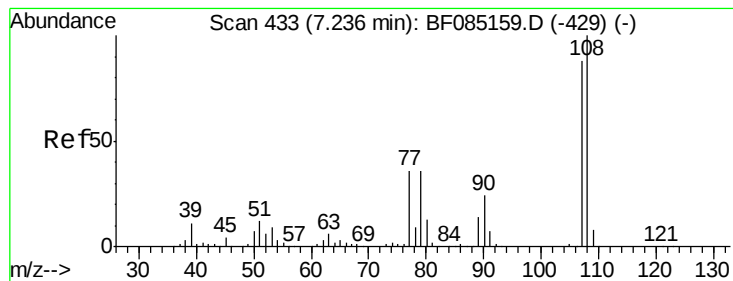
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	45	Resp:	538817
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.1
79	11.6	0.0	31.3





#17

2-Methylphenol

Concen: 37.83 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

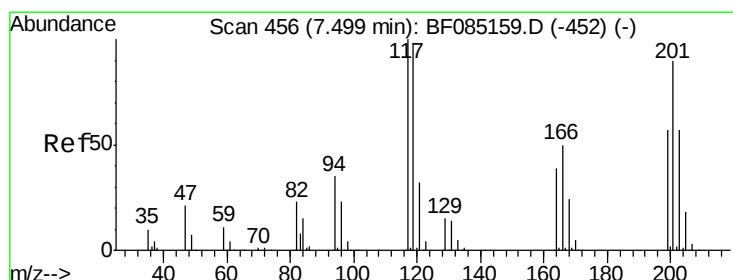
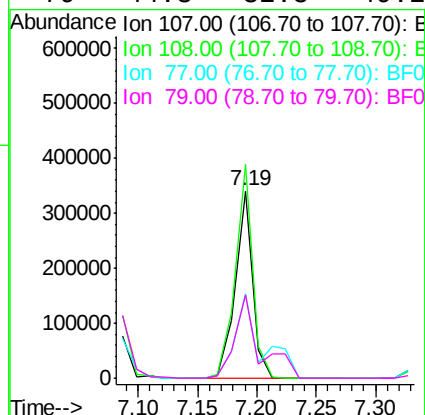
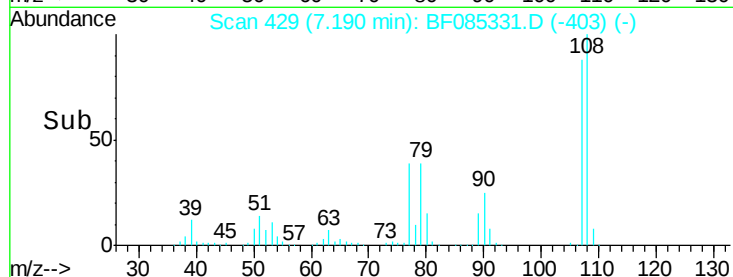
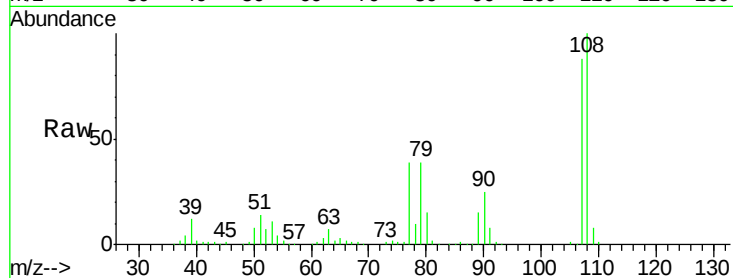
ClientSampleId :

PB88788BS

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Tgt Ion:	107	Resp:	346152
Ion Ratio	Lower	Upper	
107	100		
108	114.3	90.9	136.3
77	44.9	32.6	48.8
79	44.3	32.8	49.2



#18

Hexachloroethane

Concen: 37.24 ng

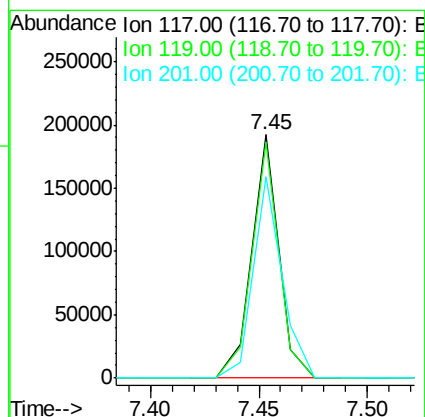
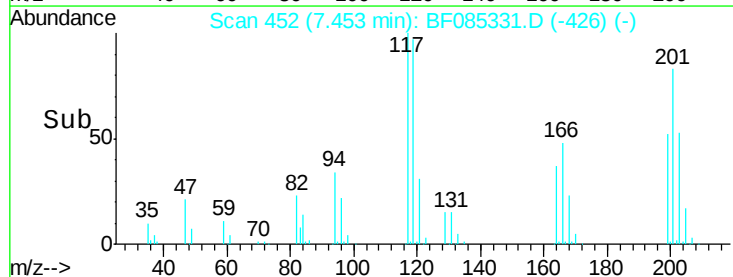
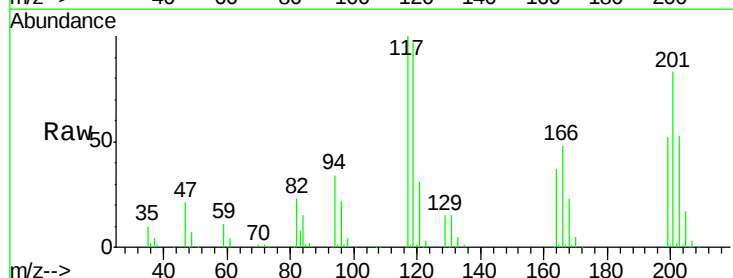
RT: 7.45 min Scan# 452

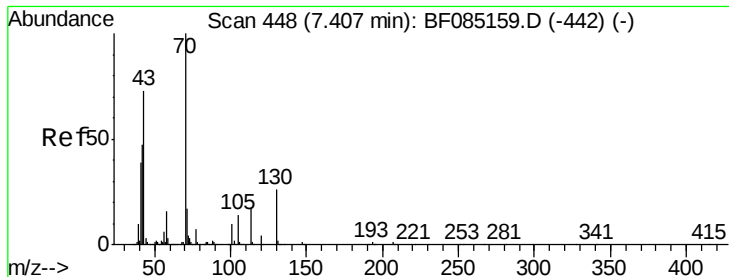
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	117	Resp:	165783
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.2	117.4
201	82.6	72.0	108.0





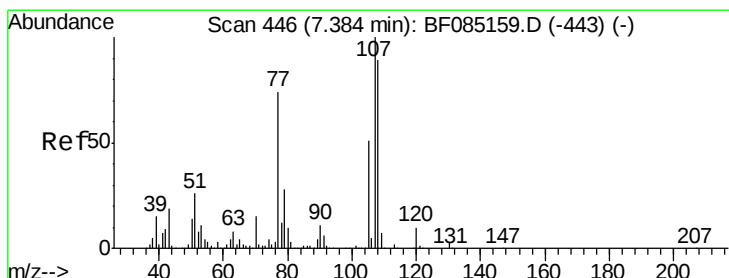
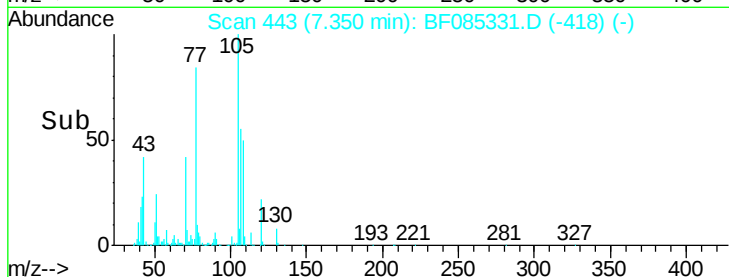
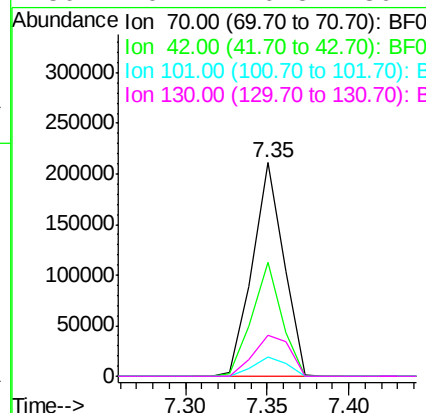
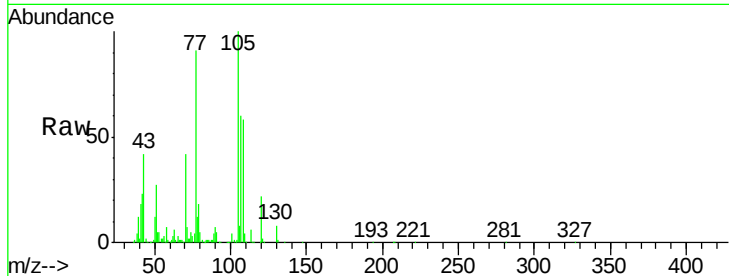
#19
n-Nitroso-di-n-propylamine
Concen: 35.16 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	37.7	56.5	
101	9.2	8.2	12.4	
130	19.1	20.5	30.7	

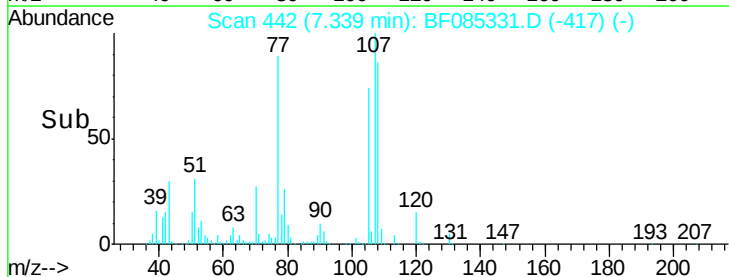
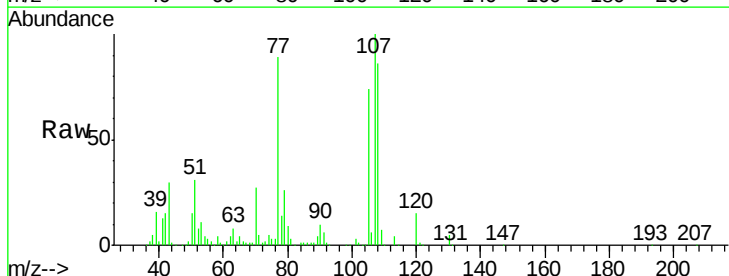
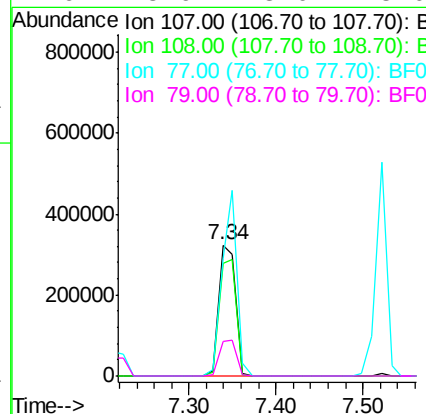
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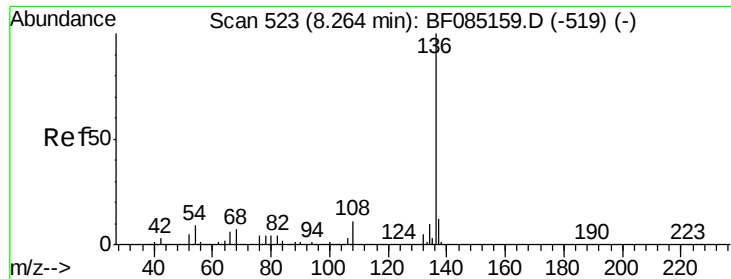
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#20
3+4-Methylphenols
Concen: 41.04 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	68.8	108.8	
77	89.4	53.6	93.6	
79	25.9	8.0	48.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF085331.D

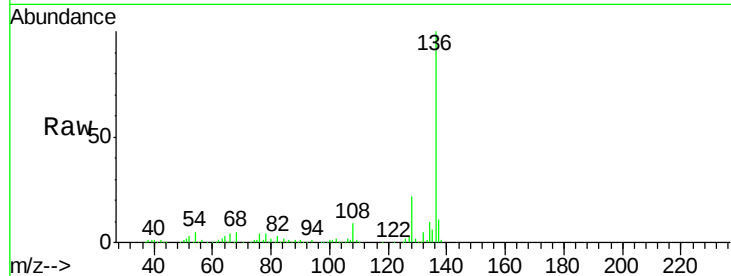
Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS



Tgt Ion:136 Resp: 620597

Ion Ratio Lower Upper

136 100

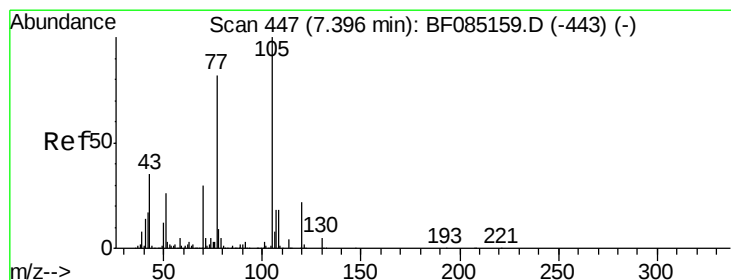
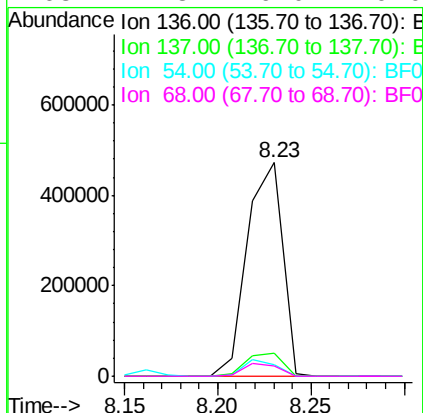
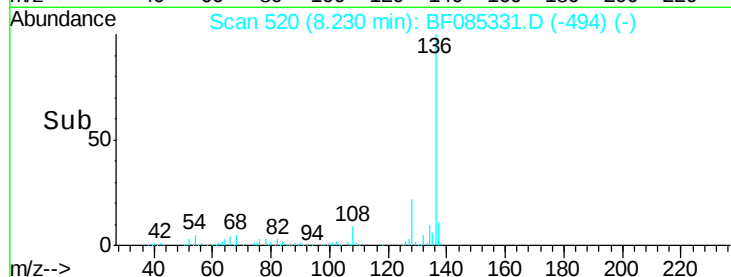
137 10.8 9.3 13.9

54 5.3 7.4 11.2#

68 4.8 6.0 9.0#

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#22

Acetophenone

Concen: 36.48 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:105 Resp: 552531

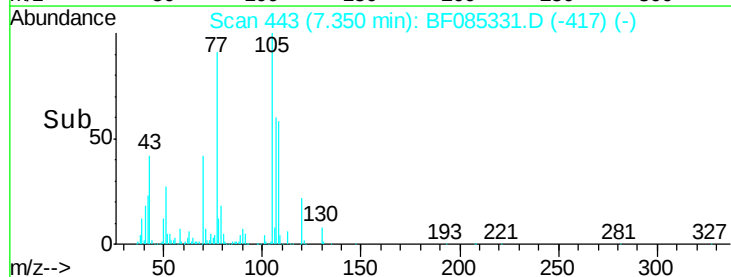
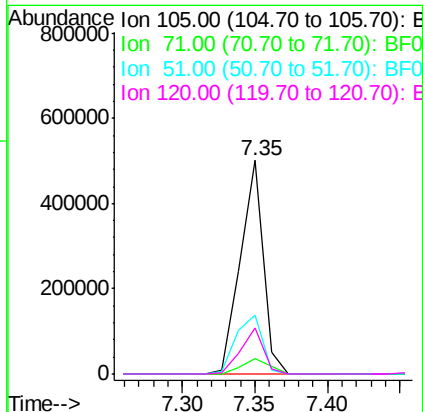
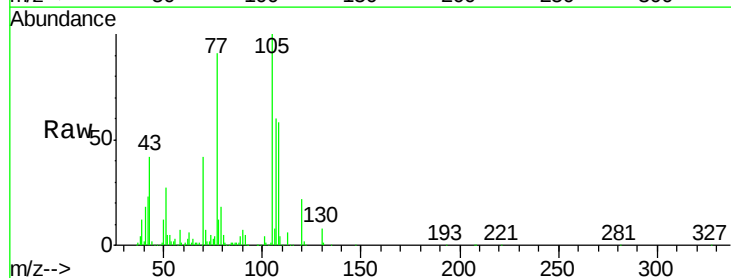
Ion Ratio Lower Upper

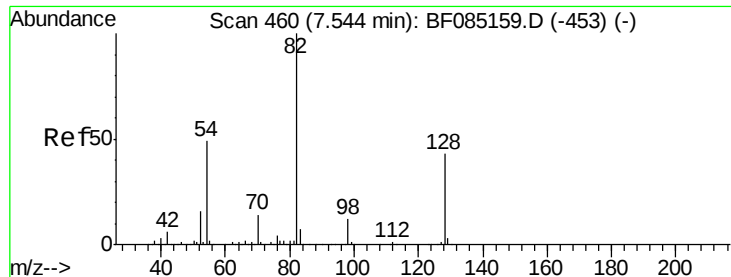
105 100

71 7.2 4.1 6.1#

51 27.4 21.1 31.7

120 21.9 17.3 25.9





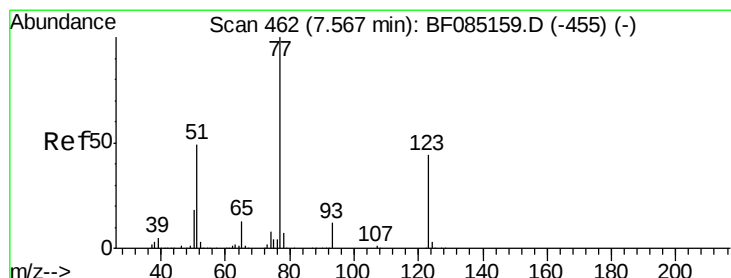
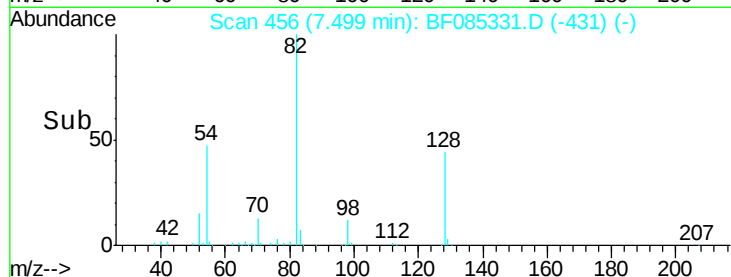
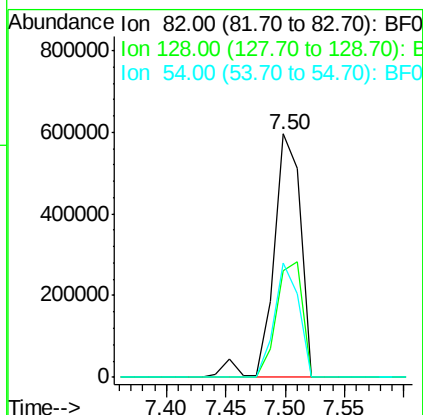
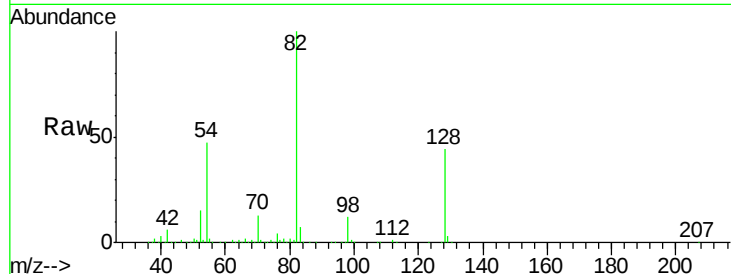
#23
 Nitrobenzene-d5
 Concen: 79.97 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.5	51.7
54	47.1	39.3	58.9

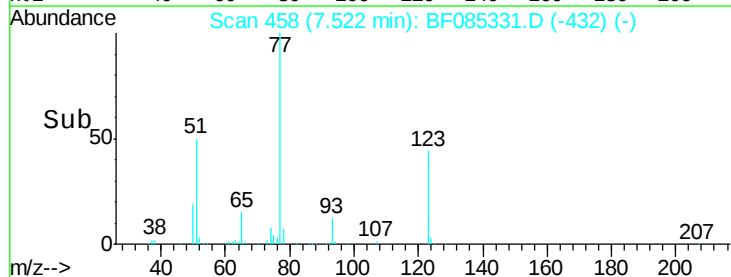
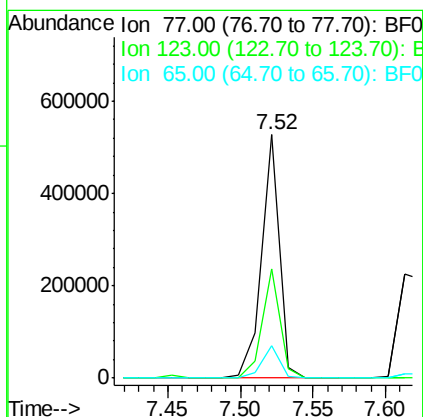
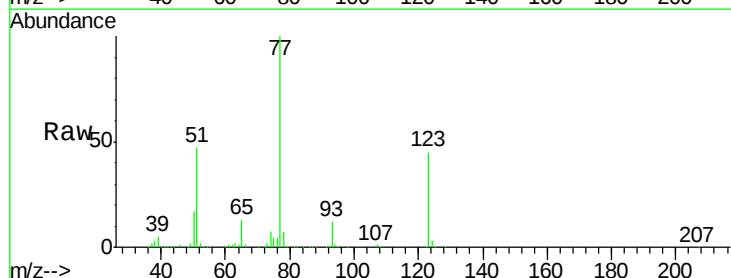
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#24
 Nitrobenzene
 Concen: 38.24 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.4	53.2
65	13.1	10.6	16.0





#25

Isophorone

Concen: 38.06 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

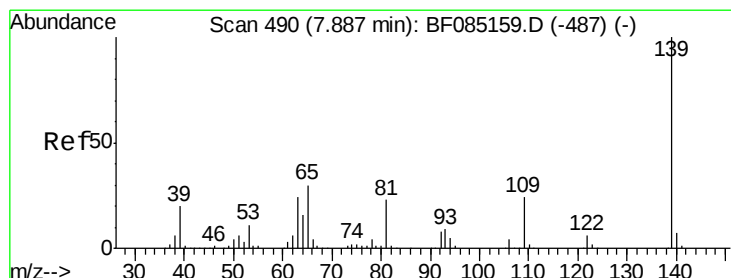
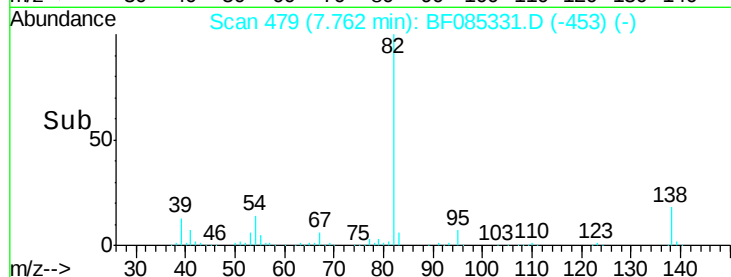
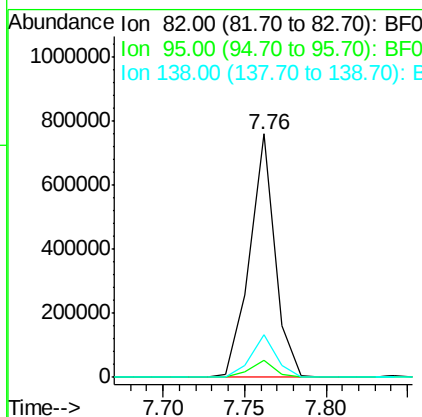
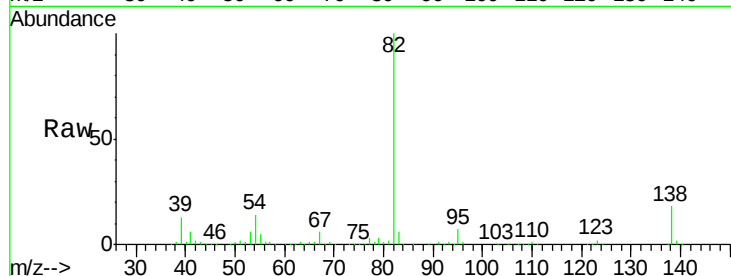
ClientSampleId :

PB88788BS

Tgt Ion:	82	Resp:	817972
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.5	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.76 ng

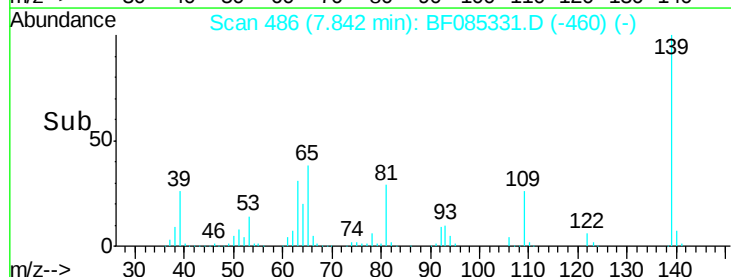
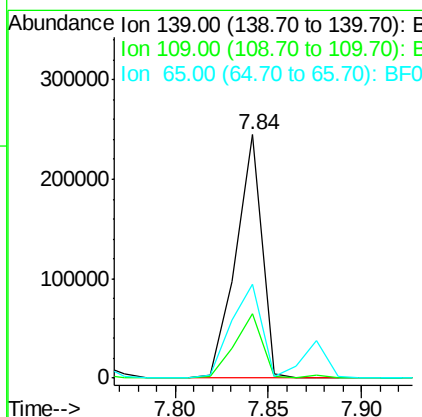
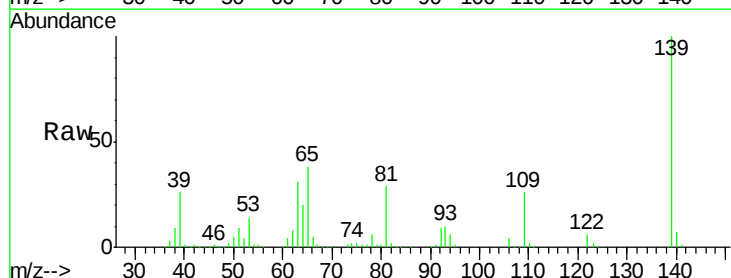
RT: 7.84 min Scan# 486

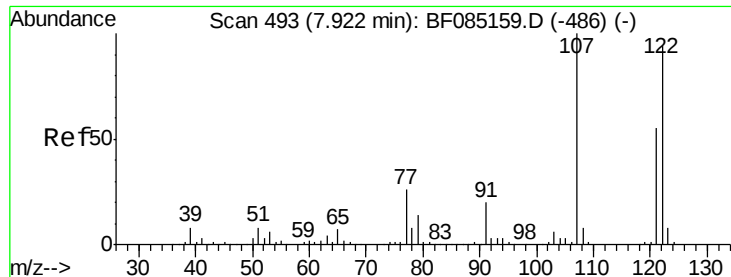
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	139	Resp:	239410
Ion Ratio	Lower	Upper	
139	100		
109	26.4	19.1	28.7
65	38.5	23.9	35.9





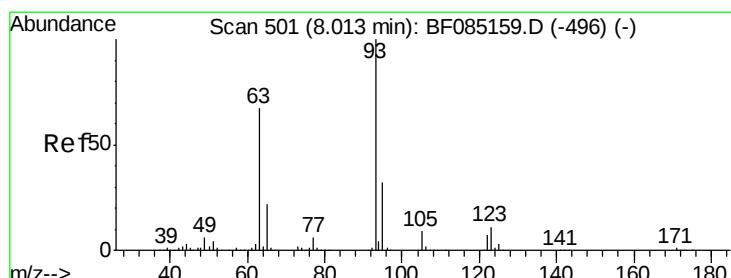
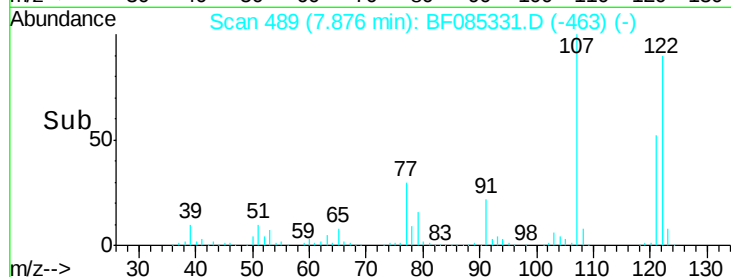
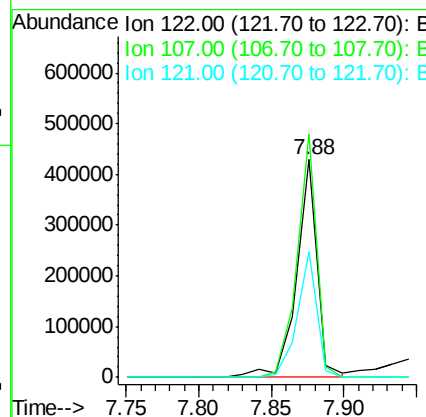
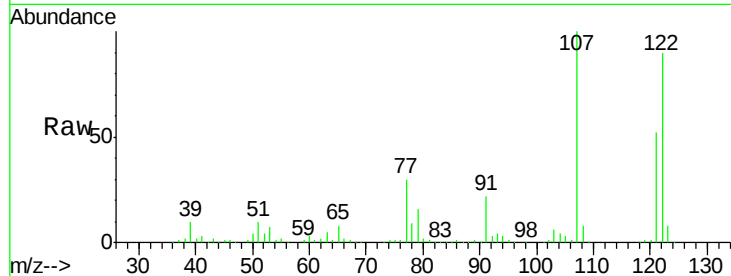
#27
2,4-Dimethylphenol
Concen: 40.04 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	419542		
107	111.7	84.8	127.2	
121	58.1	47.0	70.6	

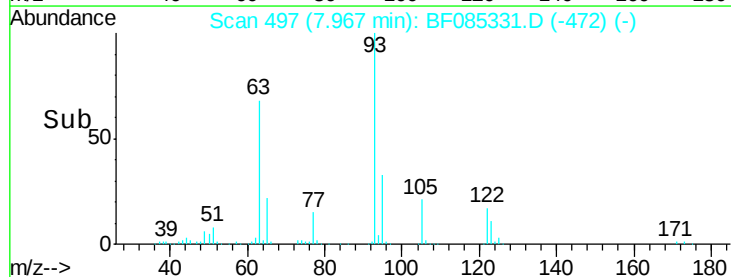
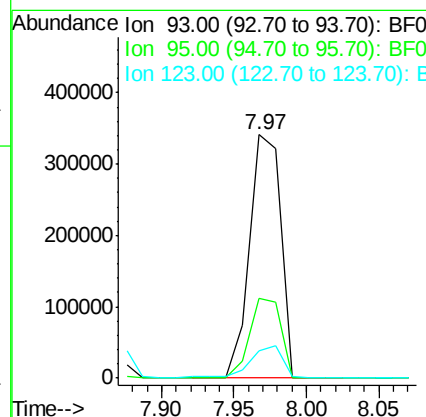
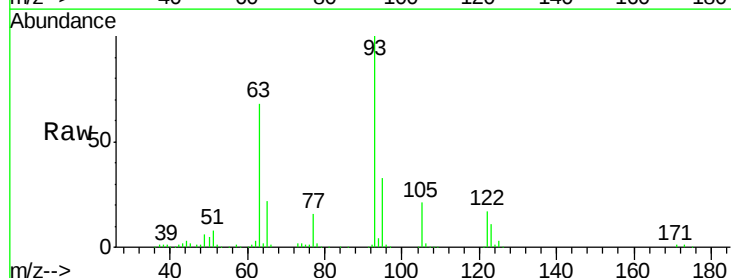
Manual Integrations
APPROVED

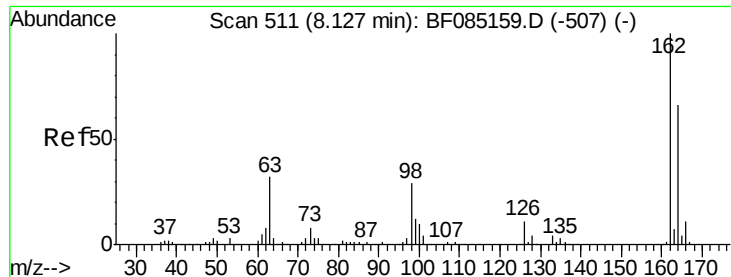
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3/11/2016 4:58:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.29 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	506211		
95	32.8	25.9	38.9	
123	11.5	8.8	13.2	





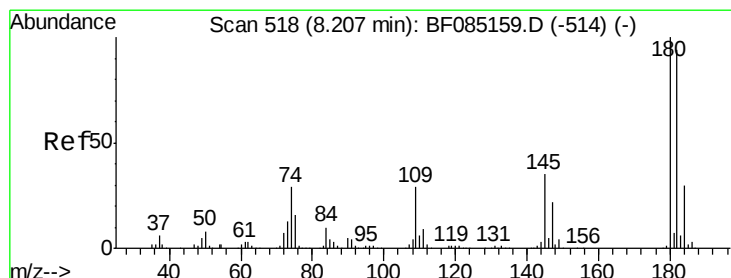
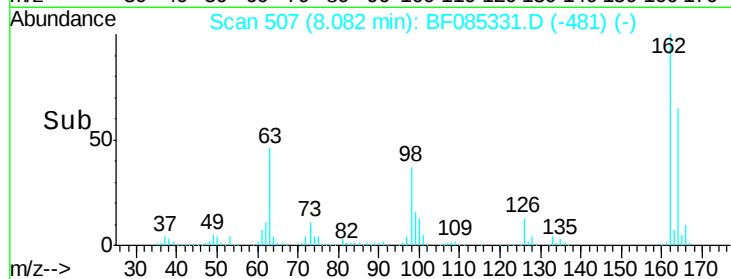
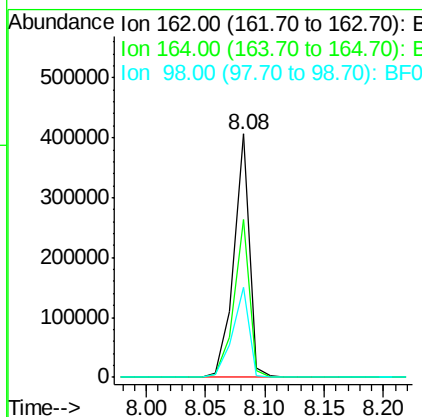
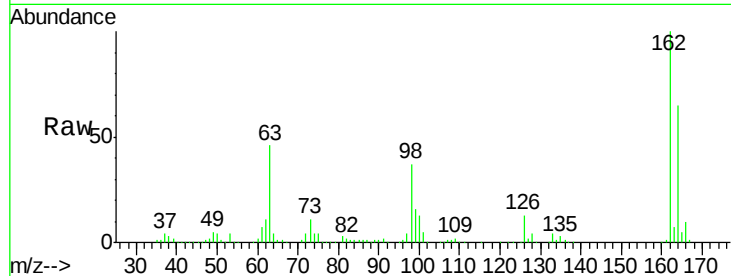
#29
2,4-Dichlorophenol
Concen: 44.19 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373429		
164	64.7	45.7	85.7	
98	37.1	9.4	49.4	

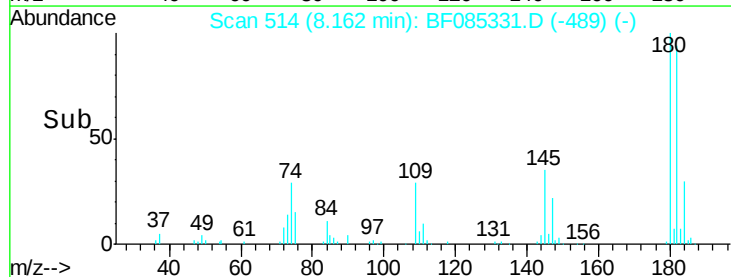
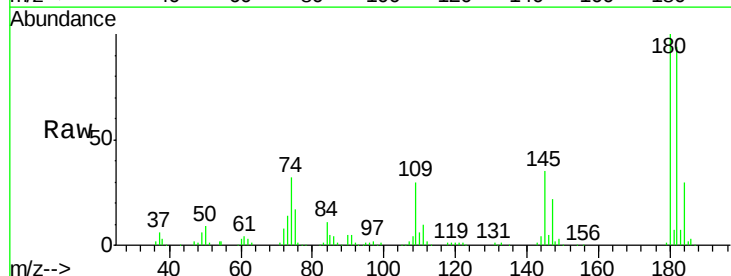
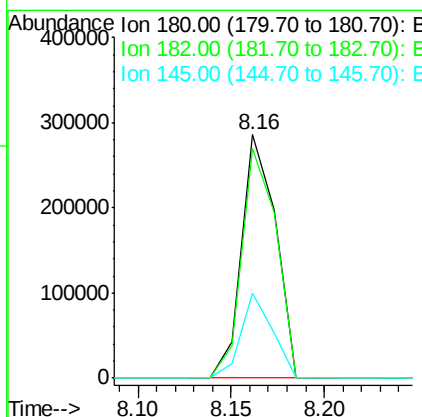
Manual Integrations
APPROVED

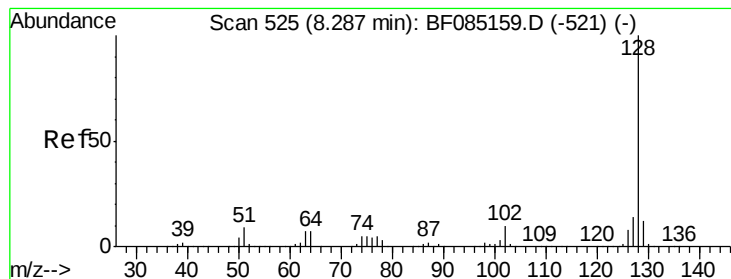
Sohil
3/11/2016 4:58:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.56 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361403		
182	94.1	74.9	112.3	
145	35.1	27.9	41.9	





#31

Naphthalene

Concen: 39.59 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS

Tgt Ion:128 Resp: 1208158

Ion Ratio Lower Upper

128 100

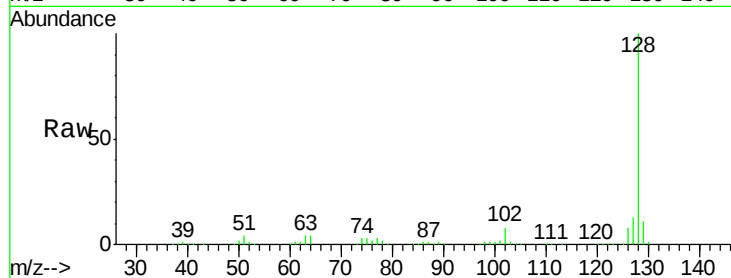
129 10.8 9.7 14.5

127 13.4 11.2 16.8

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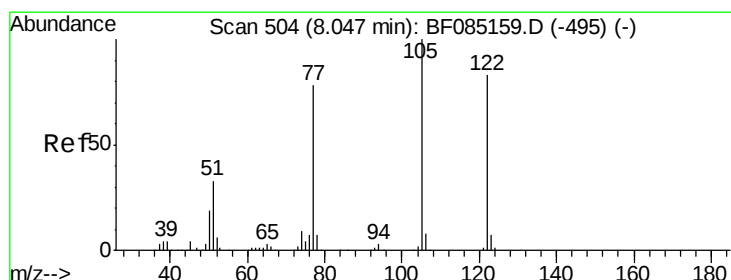
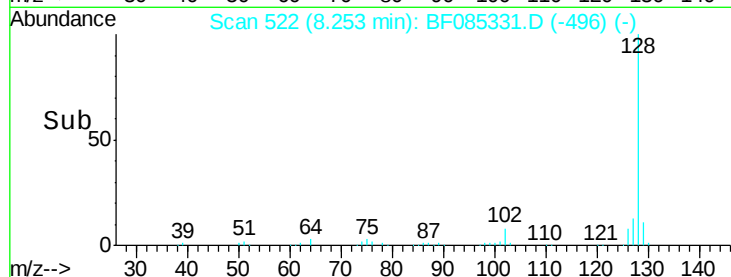
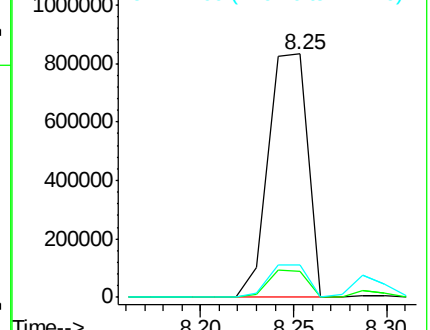
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.50 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

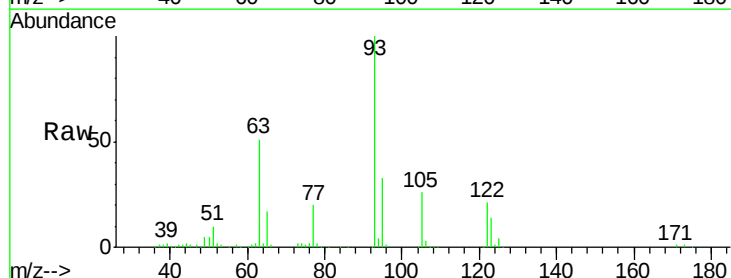
Tgt Ion:122 Resp: 198328

Ion Ratio Lower Upper

122 100

105 121.4 101.3 141.3

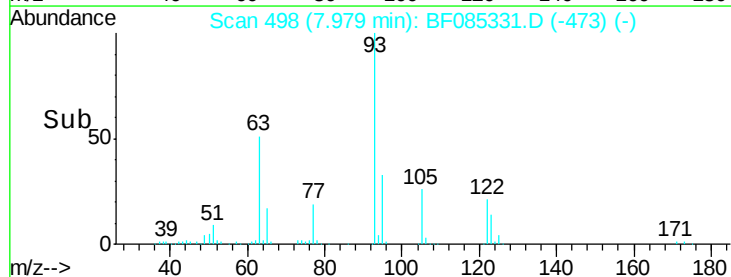
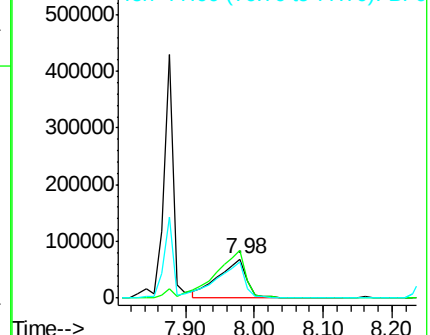
77 92.0 74.7 114.7

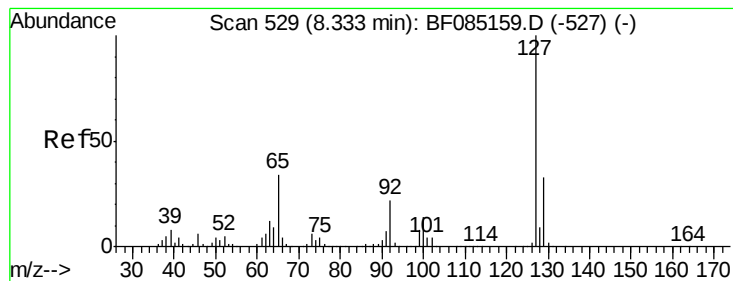


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.66 ng

RT: 8.29 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

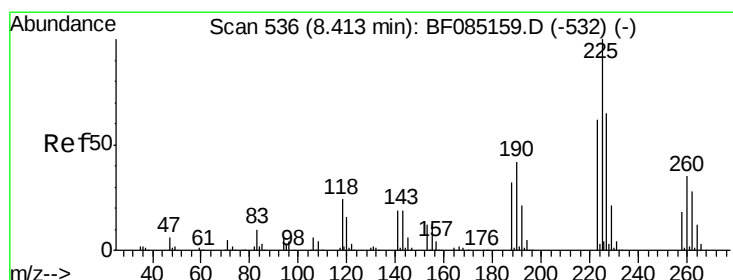
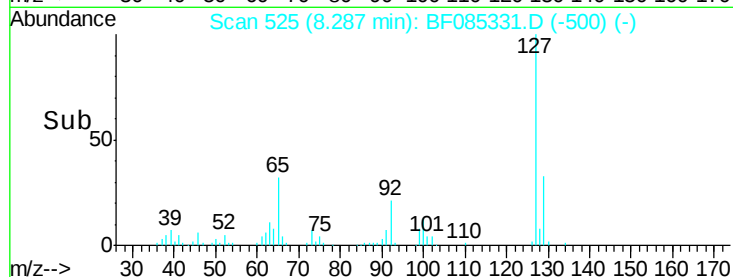
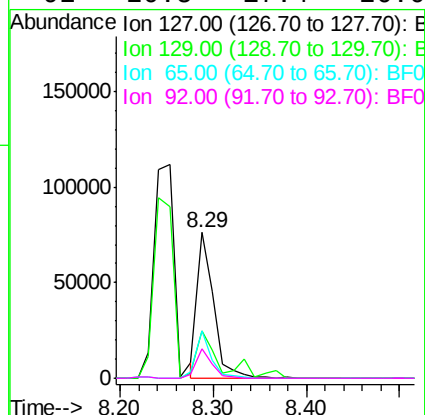
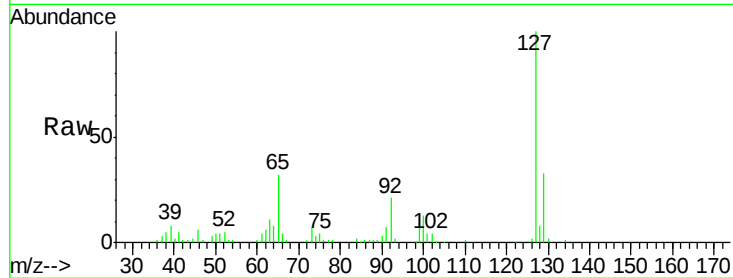
ClientSampleId :

PB88788BS

Tgt Ion:	127	Resp:	94540
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.1	39.1
65	32.4	27.0	40.6
92	20.5	17.4	26.0

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 41.26 ng

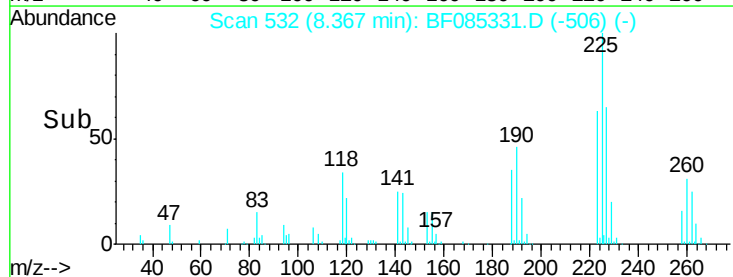
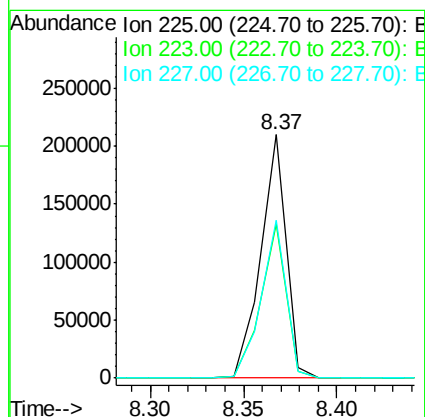
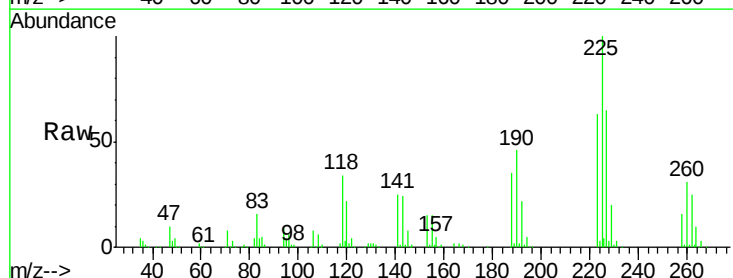
RT: 8.37 min Scan# 532

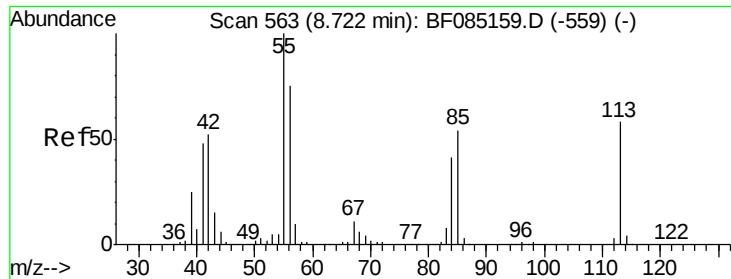
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	225	Resp:	196158
Ion Ratio	Lower	Upper	
225	100		
223	63.5	49.7	74.5
227	65.0	52.2	78.4





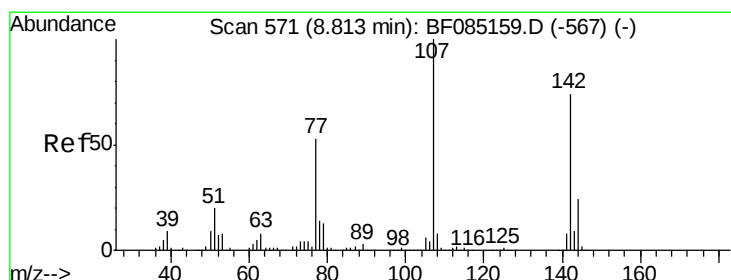
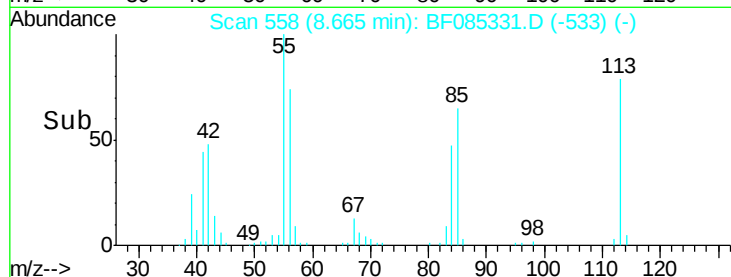
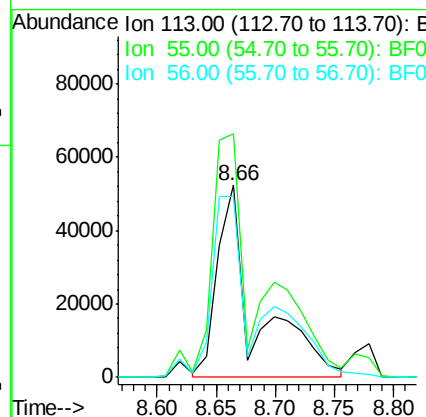
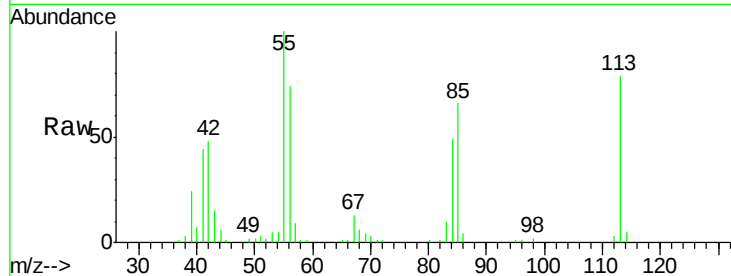
#35
 Caprolactam
 Concen: 42.06 ng m
 RT: 8.66 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	126.8	152.7	192.7#
56	93.9	109.0	149.0#

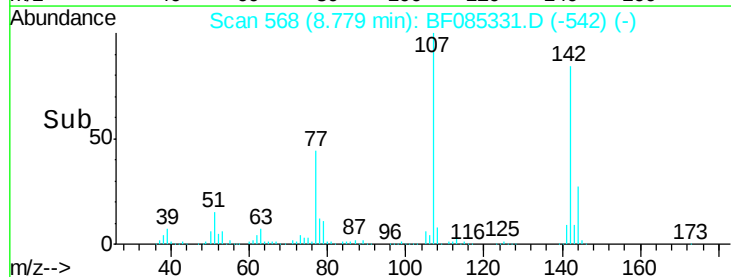
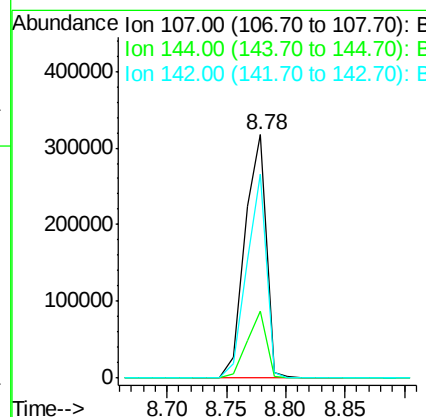
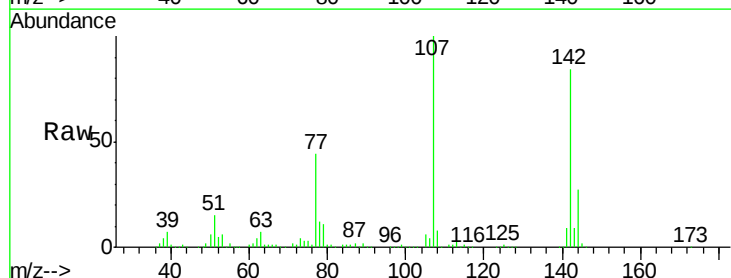
Manual Integrations
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#36
 4-Chloro-3-methylphenol
 Concen: 41.54 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.4	29.2
142	83.5	59.4	89.2





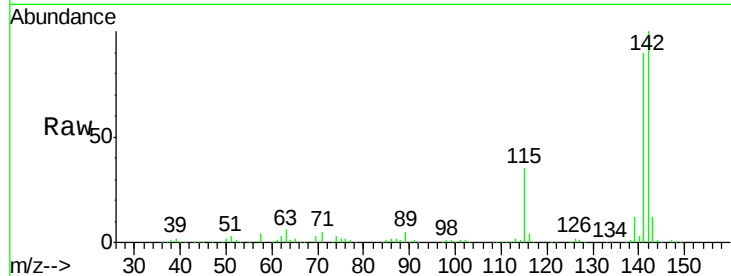
#37
2-Methylnaphthalene
Concen: 41.76 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

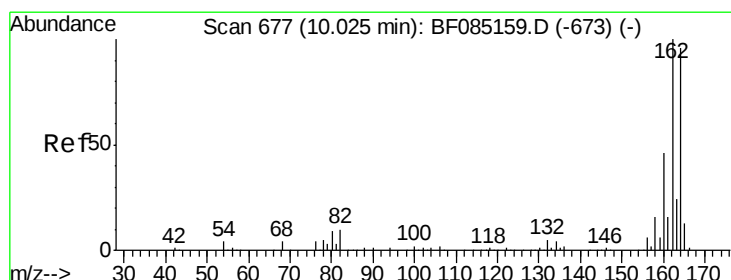
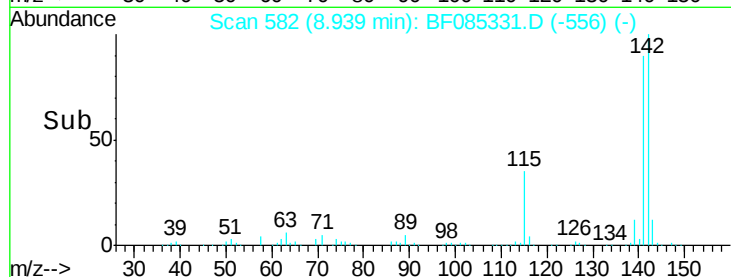
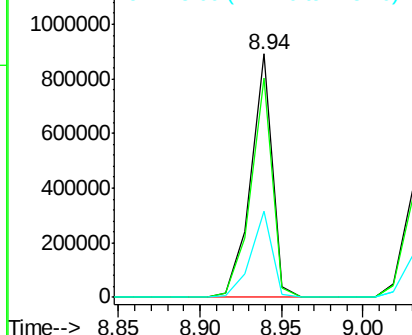
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	35.2	26.2	39.4

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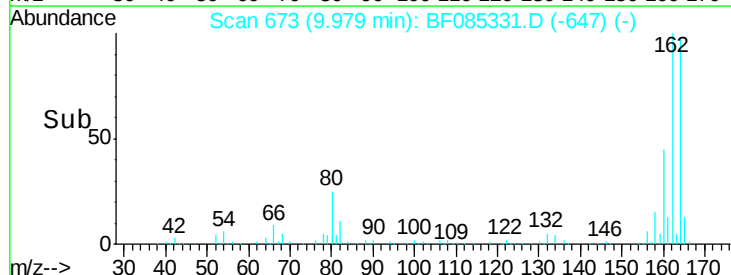
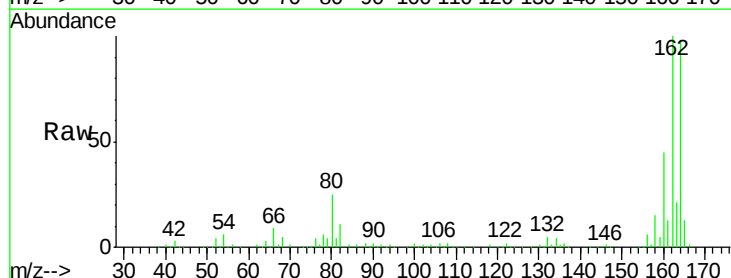
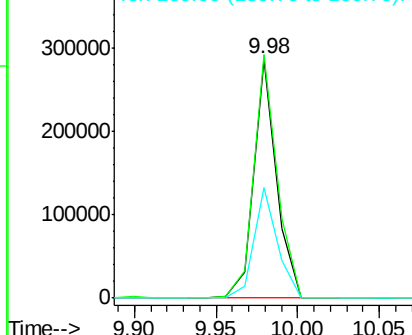
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

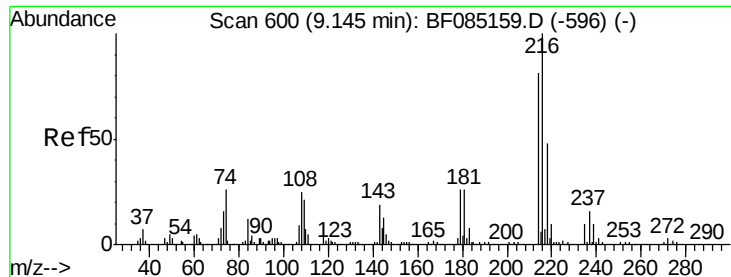


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.3	124.9
160	46.1	37.9	56.9

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





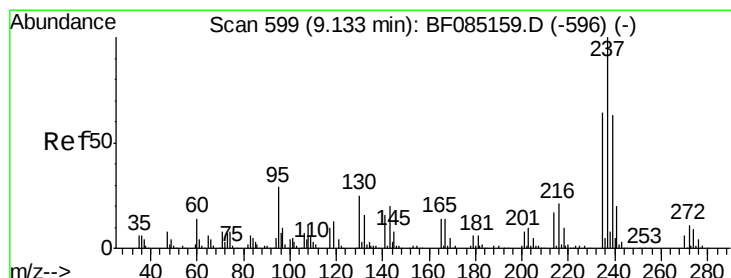
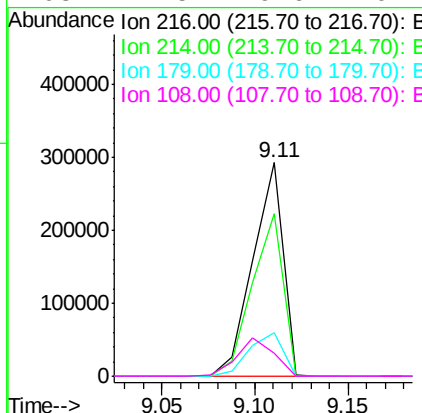
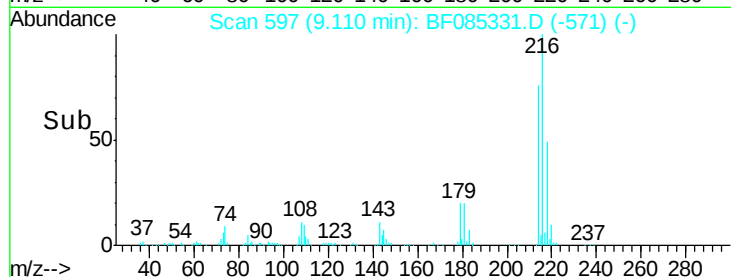
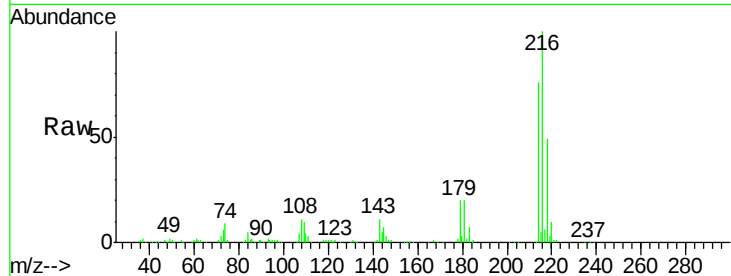
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.30 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Manual Integrations
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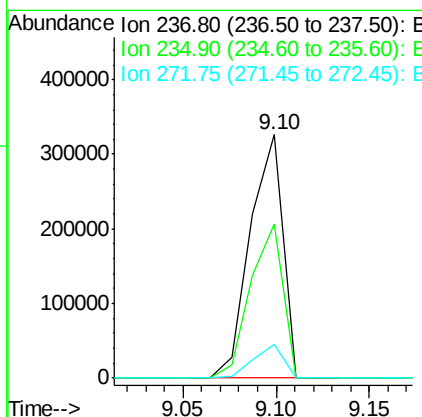
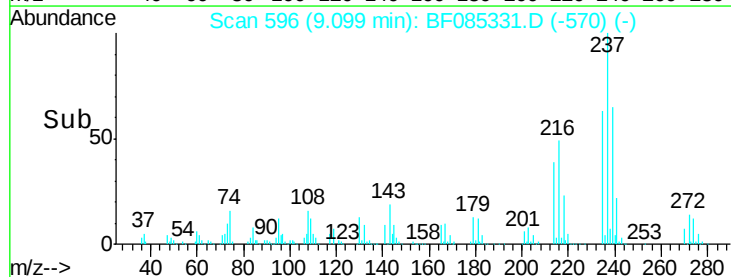
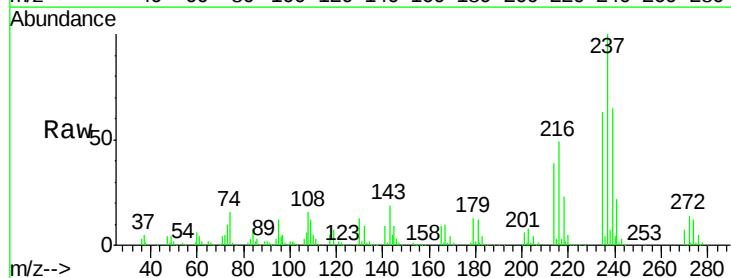
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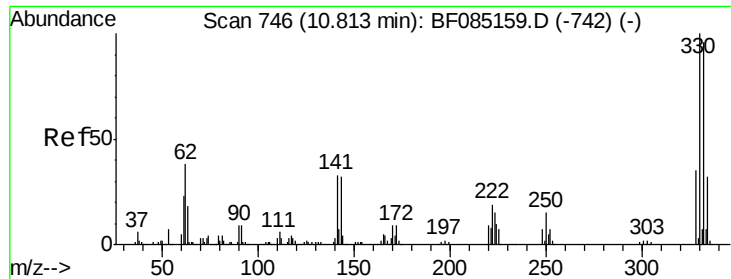
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	328128		
214	77.9	63.8	95.6	
179	22.6	19.6	29.4	
108	22.5	19.6	29.4	



#40
 Hexachlorocyclopentadiene
 Concen: 92.05 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	394387		
235	63.0	43.7	83.7	
272	13.9	0.0	31.5	





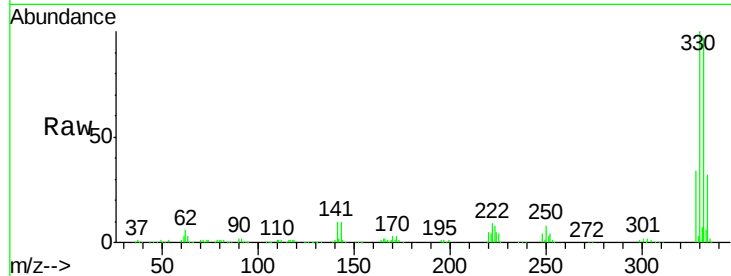
#41
 2,4,6-Tribromophenol
 Concen: 145.30 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

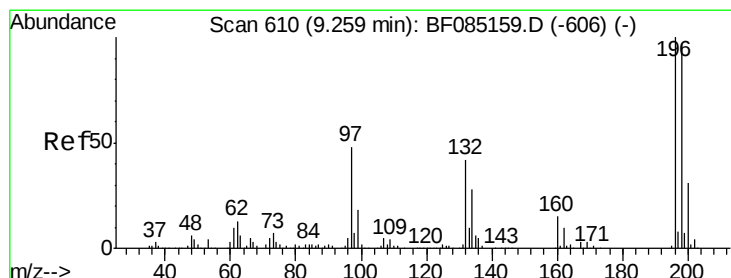
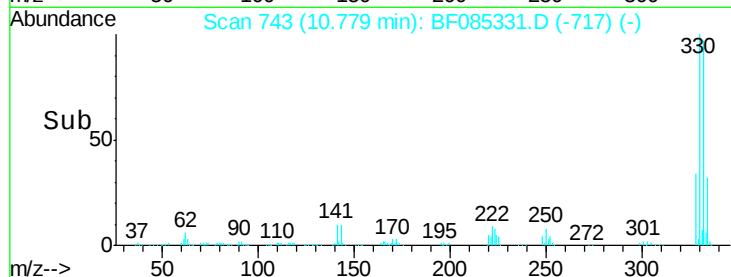
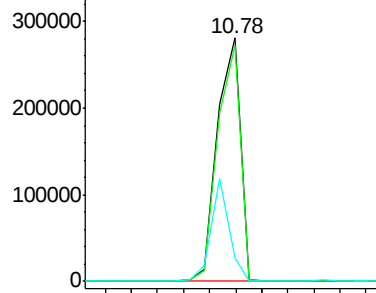
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	345364		
332	96.0	77.1	115.7	
141	33.0	35.0	52.6	

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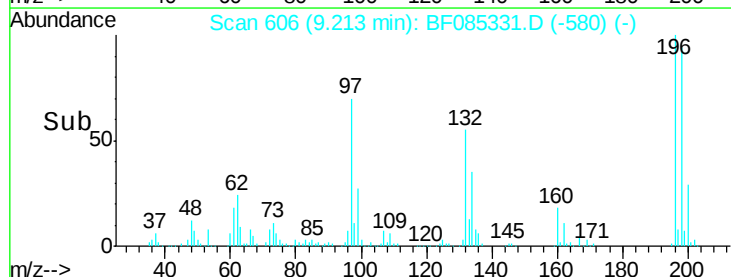
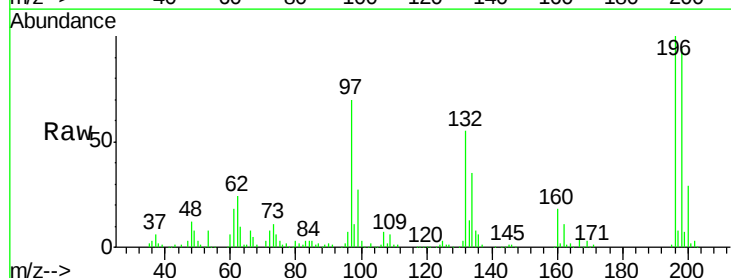
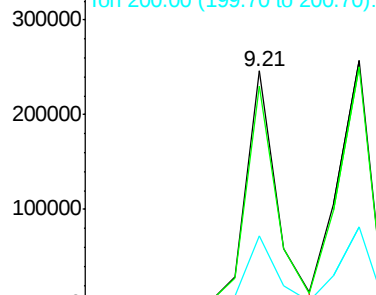
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.29 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238259		
198	93.6	77.8	116.6	
200	29.2	25.0	37.6	

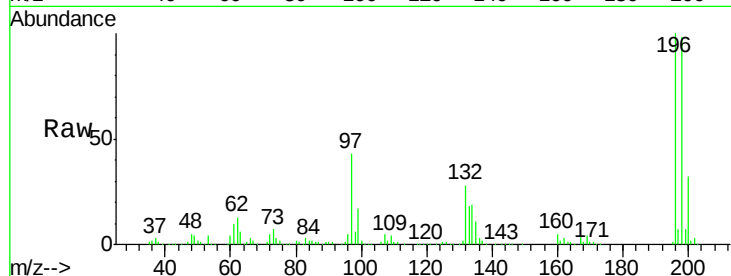
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.91 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

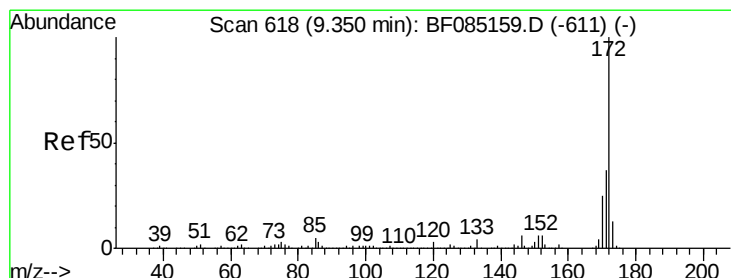
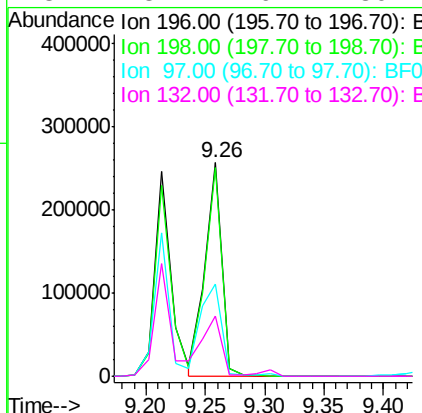
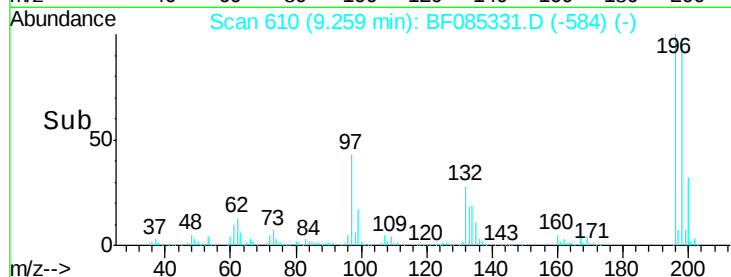
Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257400		
198	97.5	75.7	113.5	
97	43.2	46.4	69.6	
132	28.4	26.2	39.4	

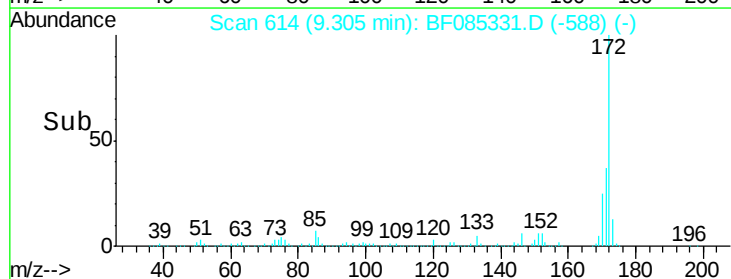
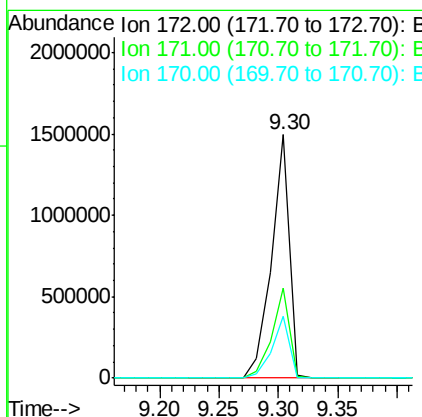
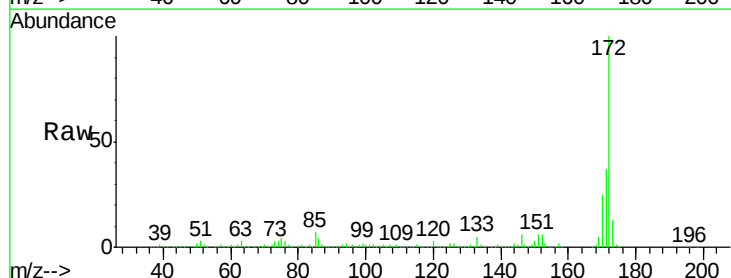
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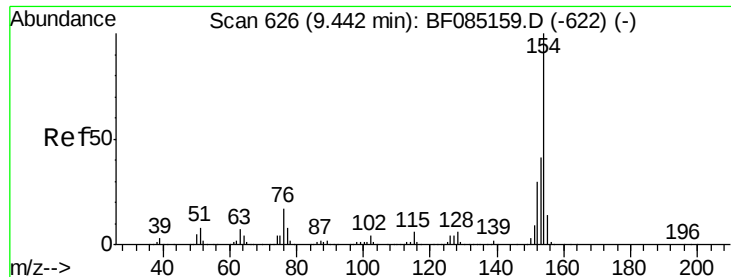
Sohil
 3/11/2016 4:58:14 PM



#44
 2-Fluorobiphenyl
 Concen: 86.01 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1570965		
171	37.1	29.3	43.9	
170	25.3	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 42.10 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

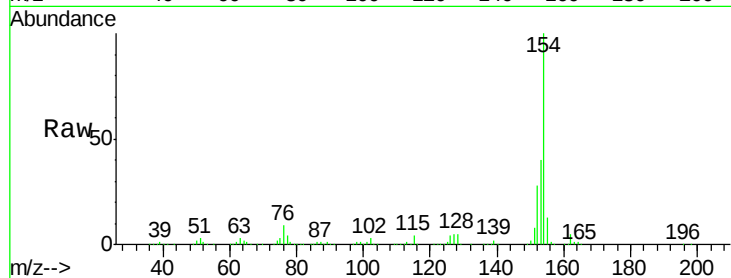
ClientSampled :

PB88788BS

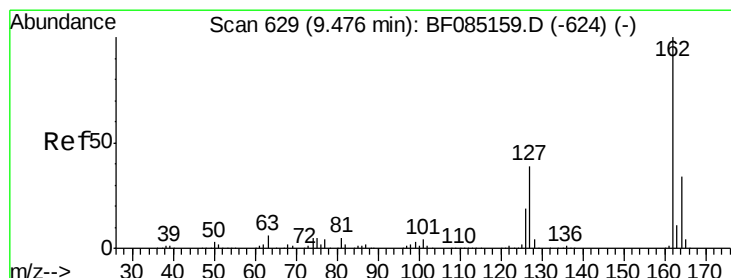
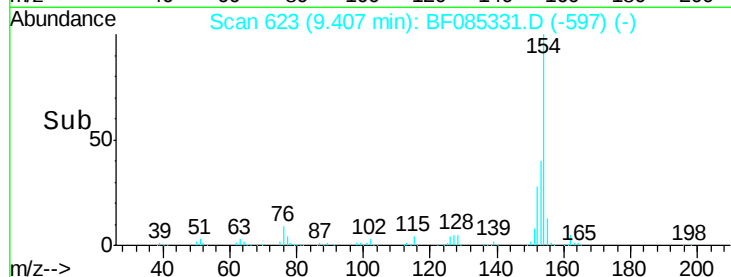
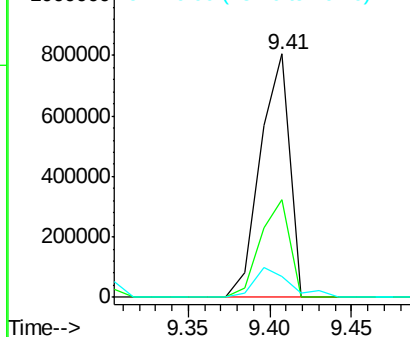
Tgt Ion:	154	Resp:	999109
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.4	61.4
76	8.5	0.0	37.5

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



#46

2-Chloronaphthalene

Concen: 43.35 ng

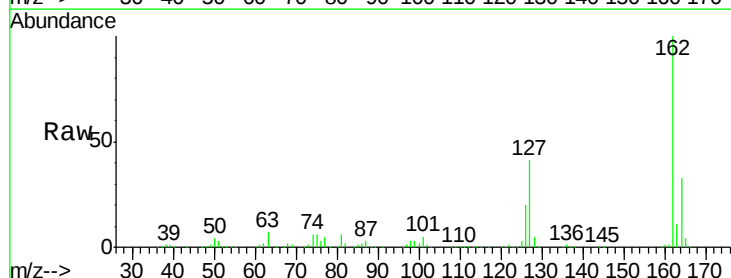
RT: 9.43 min Scan# 625

Delta R.T. -0.00 min

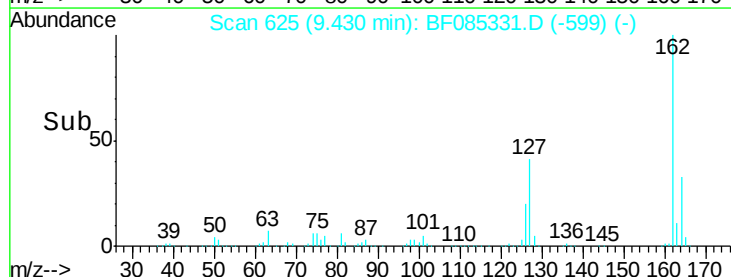
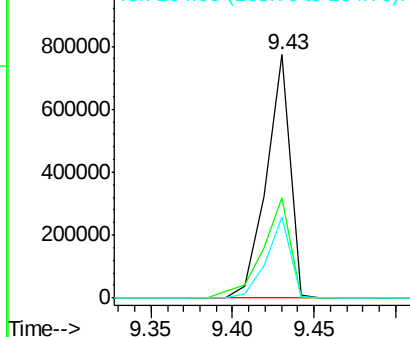
Lab File: BF085331.D

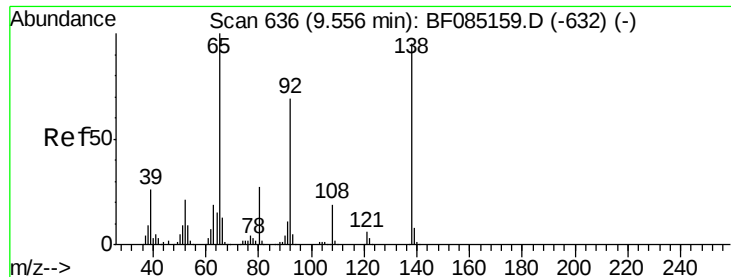
Acq: 10 Mar 2016 14:04

Tgt Ion:	162	Resp:	784271
Ion Ratio	Lower	Upper	
162	100		
127	41.4	31.6	47.4
164	33.2	27.1	40.7



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





#47

2-Nitroaniline

Concen: 45.75 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF085331.D

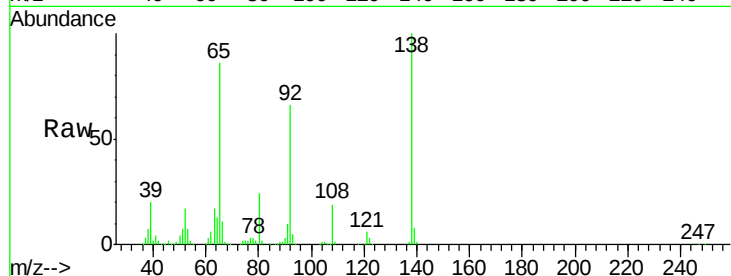
Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB88788BS



Tgt Ion: 65 Resp: 256442

Ion Ratio Lower Upper

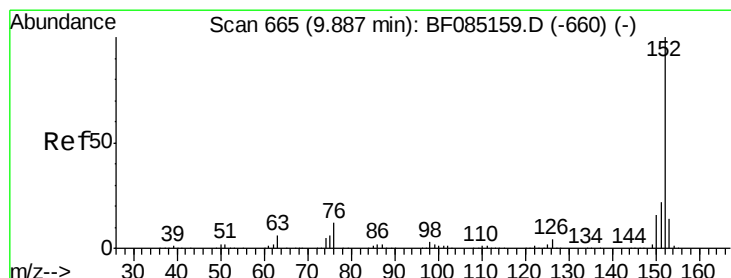
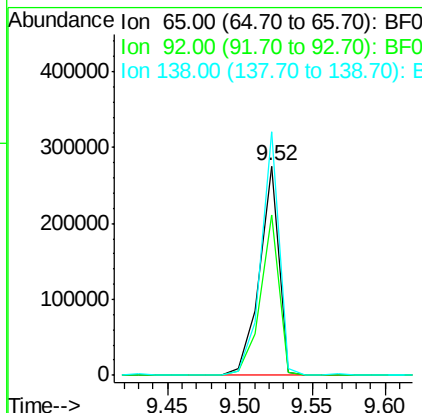
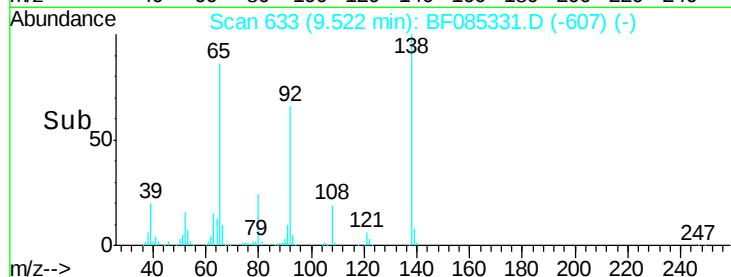
65 100

92 76.9 55.4 83.2

138 116.4 75.7 113.5#

Manual Integrations
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#48

Acenaphthylene

Concen: 38.80 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

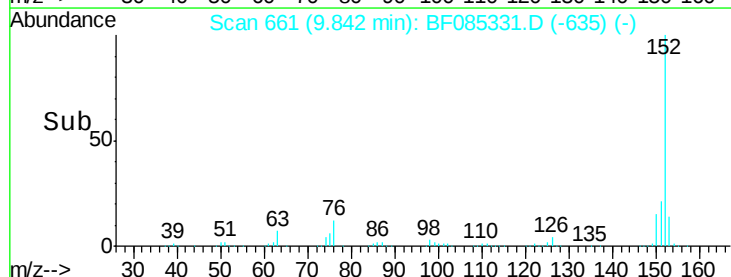
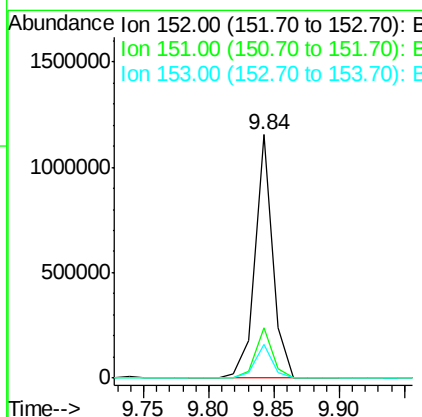
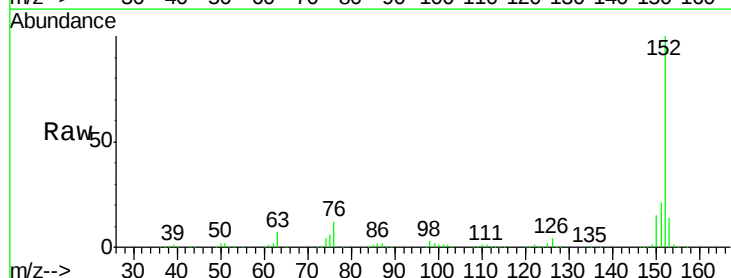
Tgt Ion: 152 Resp: 1092433

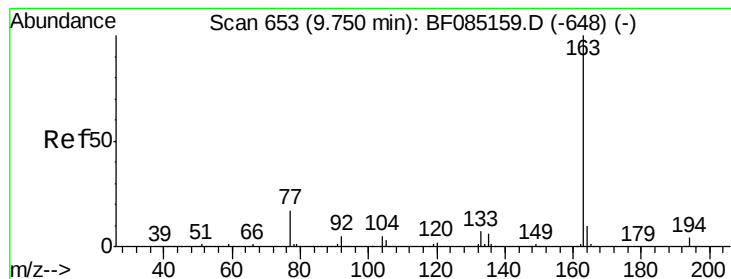
Ion Ratio Lower Upper

152 100

151 20.8 17.5 26.3

153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 42.16 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF085331.D

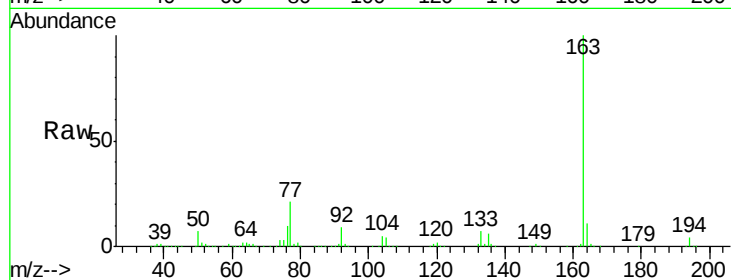
Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:163 Resp: 898878

Ion Ratio Lower Upper

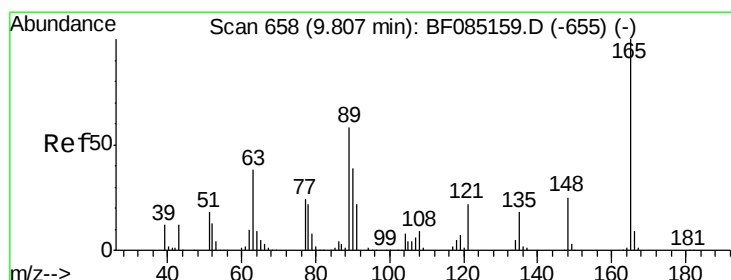
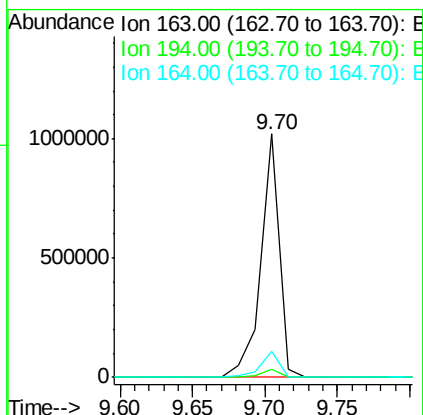
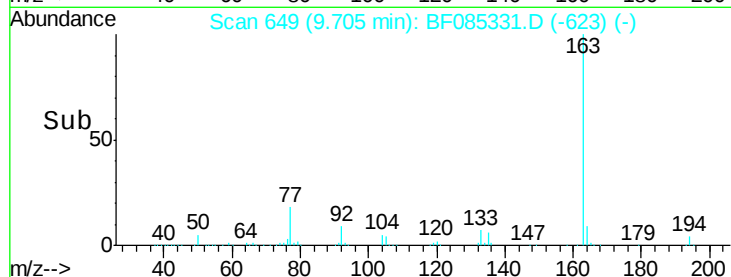
163 100

194 3.6 3.1 4.7

164 10.5 8.2 12.4

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#50

2,6-Dinitrotoluene

Concen: 40.24 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

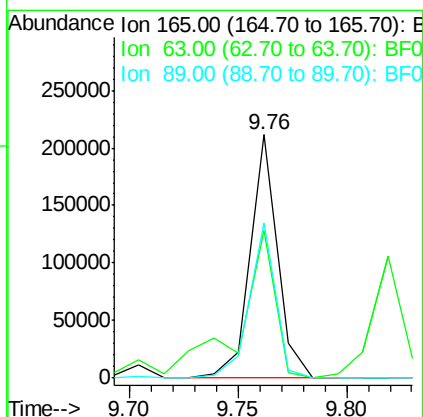
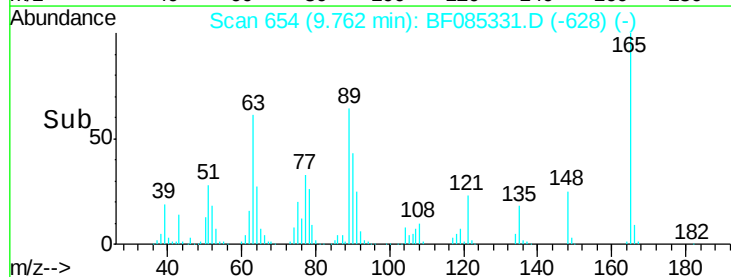
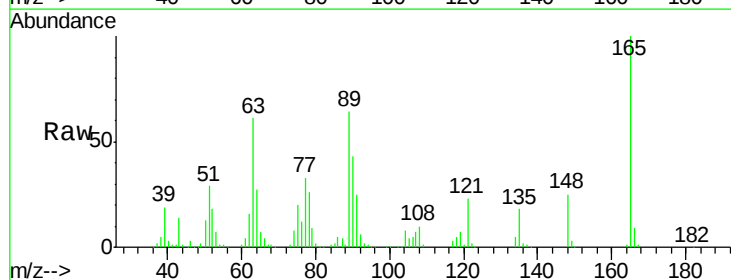
Tgt Ion:165 Resp: 183539

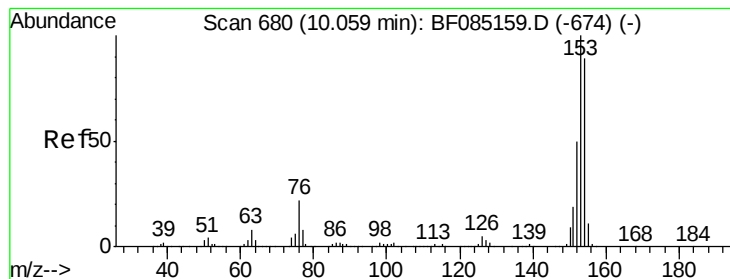
Ion Ratio Lower Upper

165 100

63 60.7 41.8 62.8

89 64.0 46.7 70.1





#51

Acenaphthene

Concen: 43.77 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

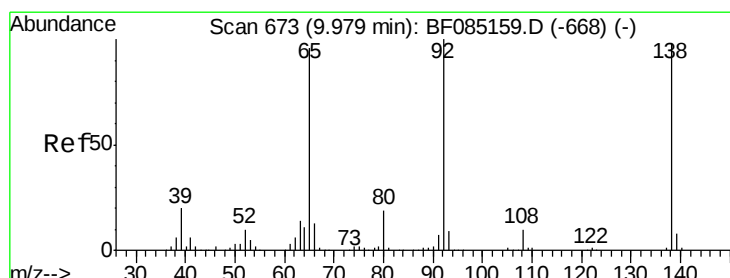
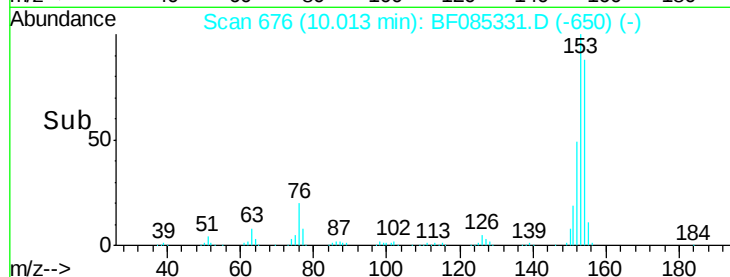
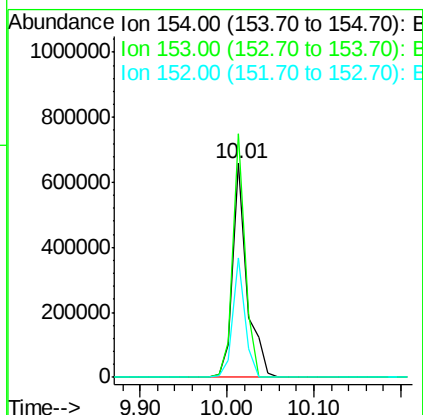
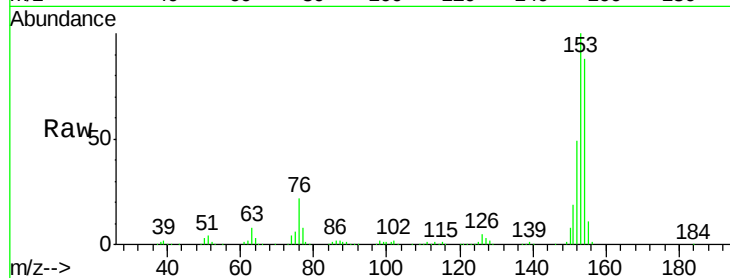
ClientSampleId :

PB88788BS

Tgt Ion:	154	Resp:	748261
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.8
152	55.6	44.6	66.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.06 ng

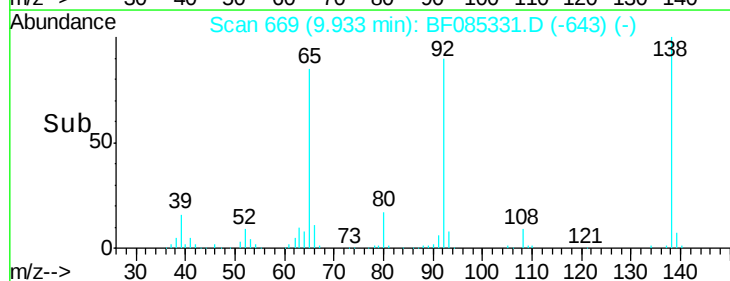
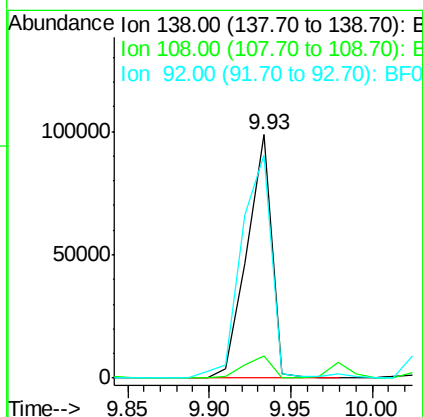
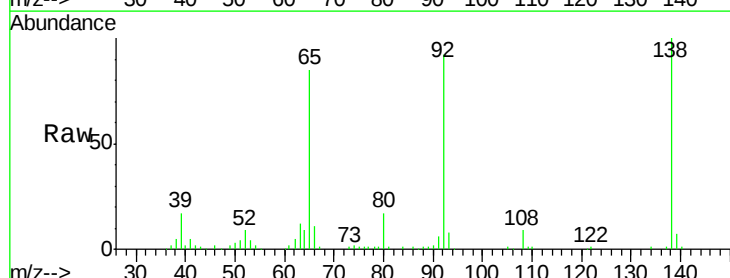
RT: 9.93 min Scan# 669

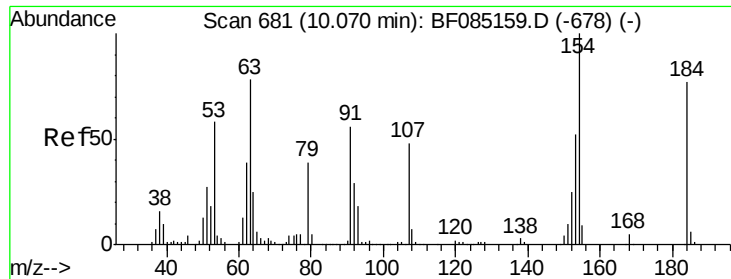
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	138	Resp:	103997
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.8	11.6
92	91.8	81.3	121.9





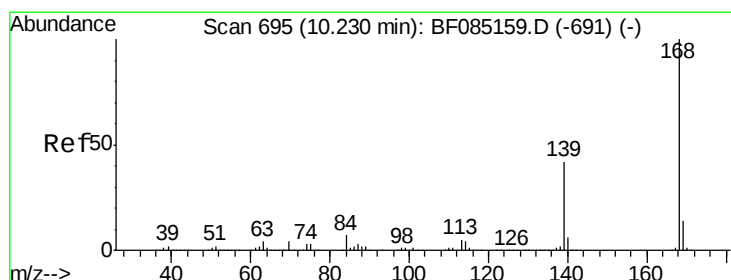
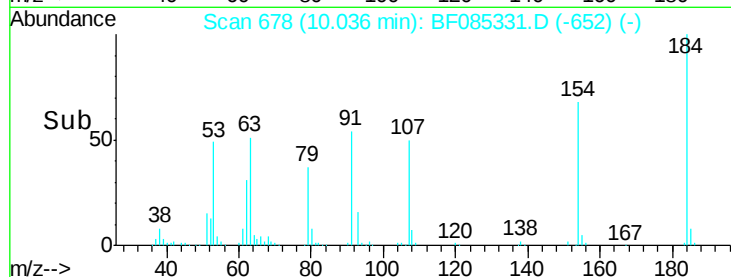
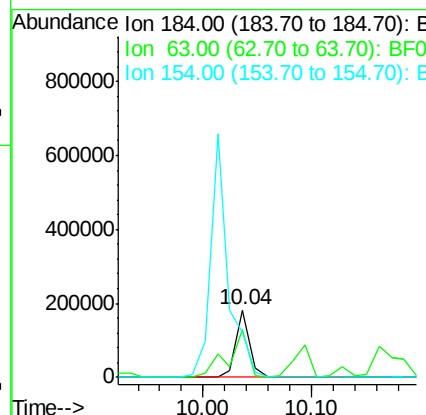
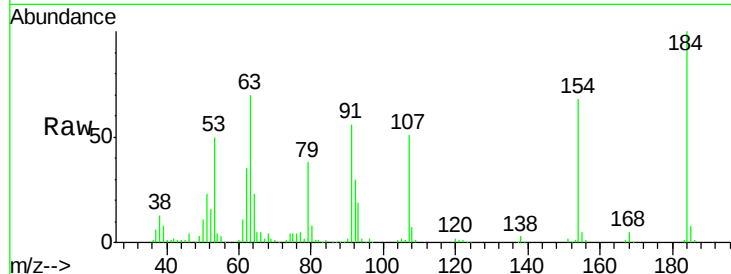
#53
 2,4-Dinitrophenol
 Concen: 69.77 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB88788BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	158862		
63	70.1	82.2	123.4#	
154	67.6	108.9	163.3#	

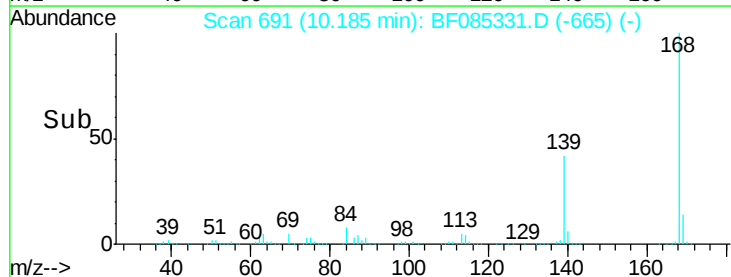
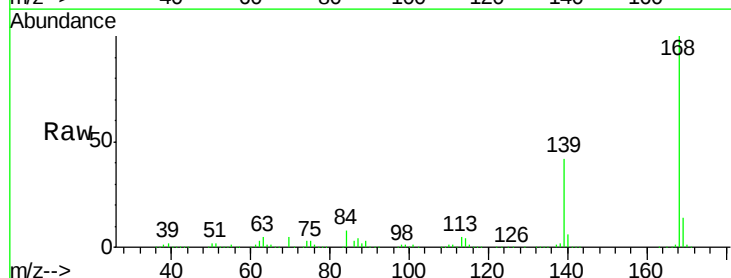
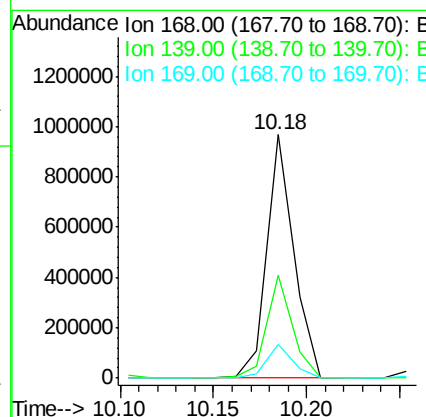
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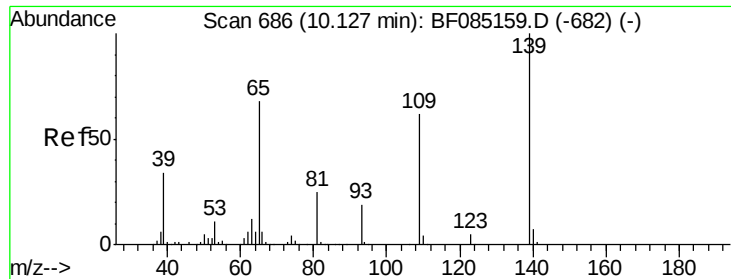
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#54
 Dibenzofuran
 Concen: 43.20 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	967467		
139	42.3	33.6	50.4	
169	13.9	11.2	16.8	





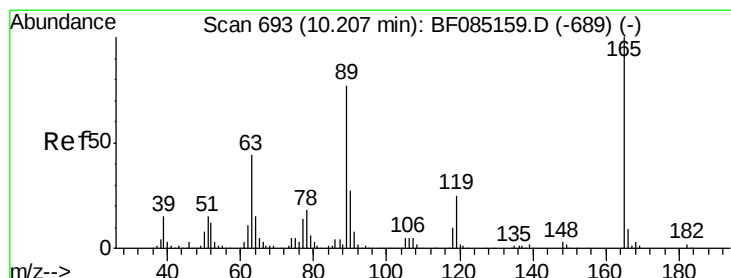
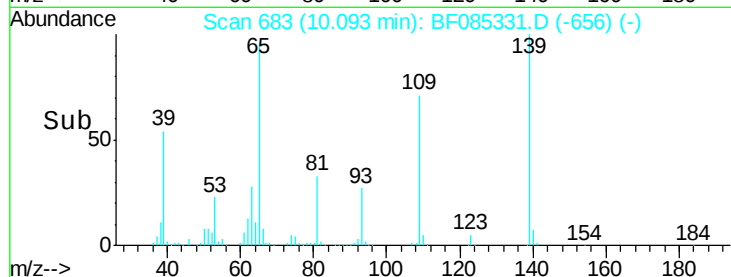
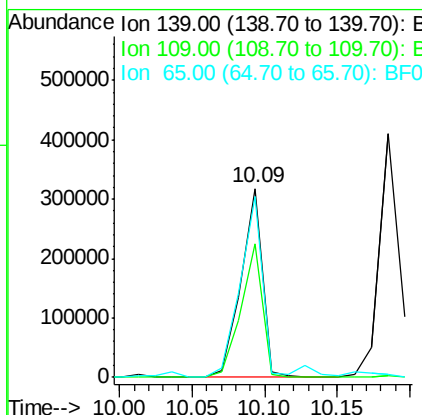
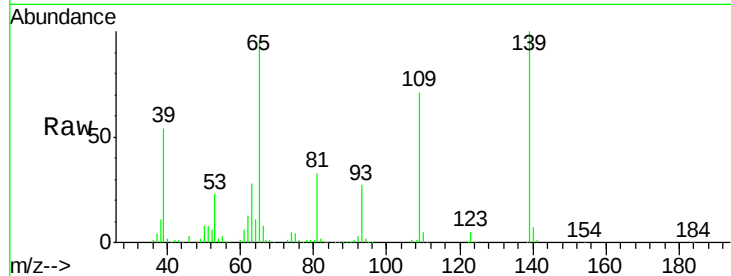
#55
4-Nitrophenol
Concen: 76.87 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	329655		
109	70.5	41.9	81.9	
65	95.6	48.3	88.3#	

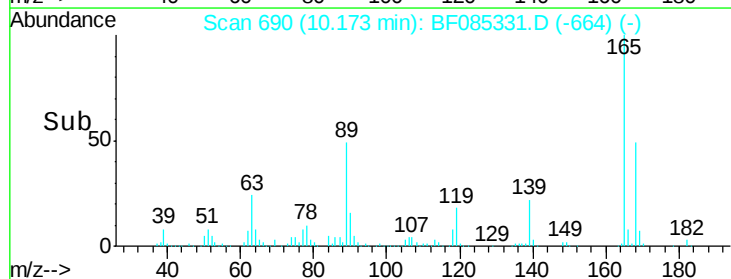
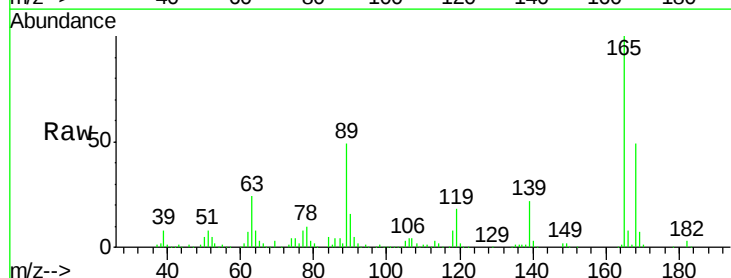
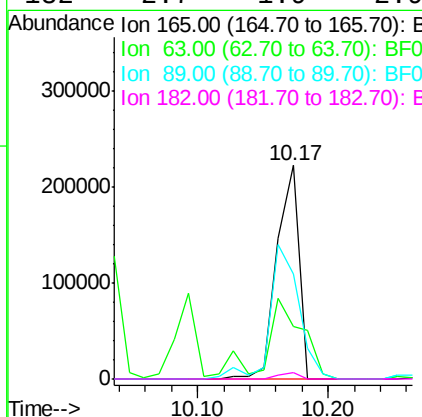
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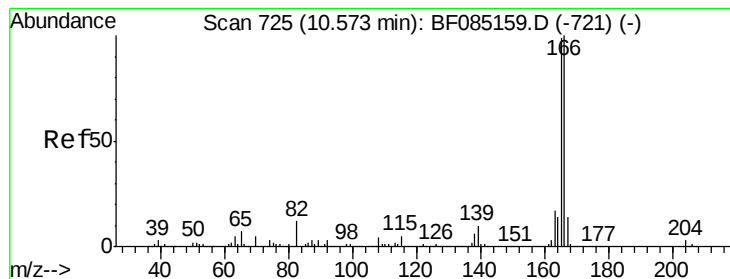
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.45 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	265282		
63	24.3	35.4	53.0#	
89	48.9	61.9	92.9#	
182	2.7	1.9	2.9	





#57

Fluorene

Concen: 40.82 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

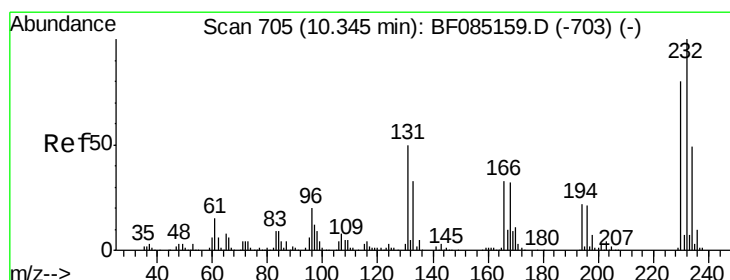
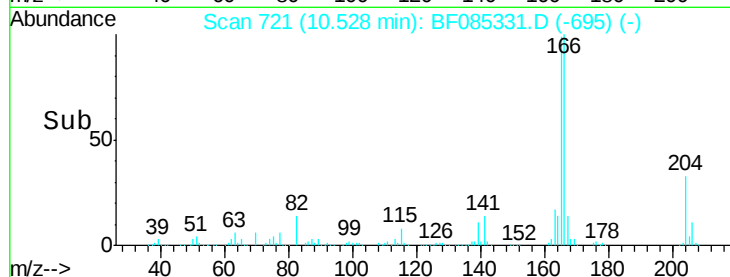
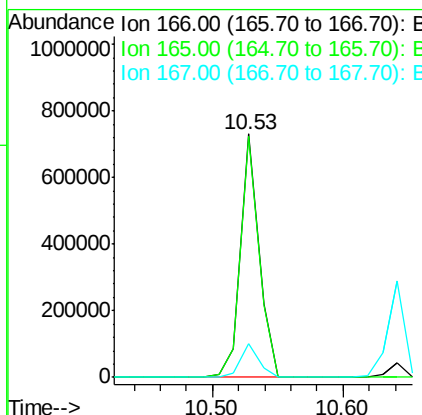
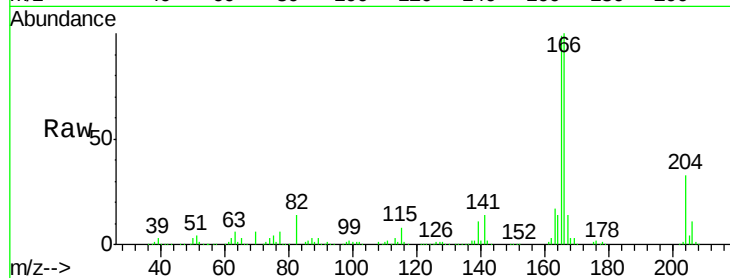
PB88788BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	718145		
165	99.1	79.4	119.0	
167	14.1	11.0	16.6	



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.30 ng

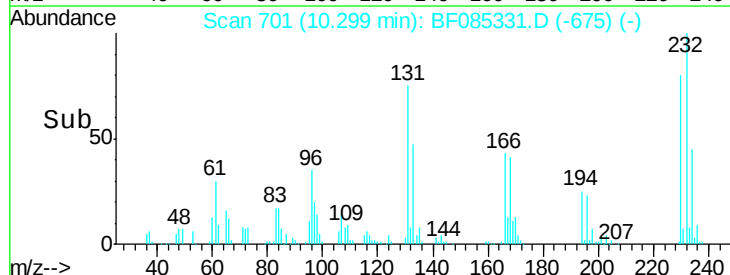
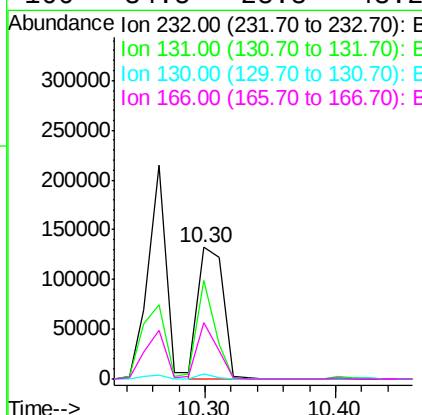
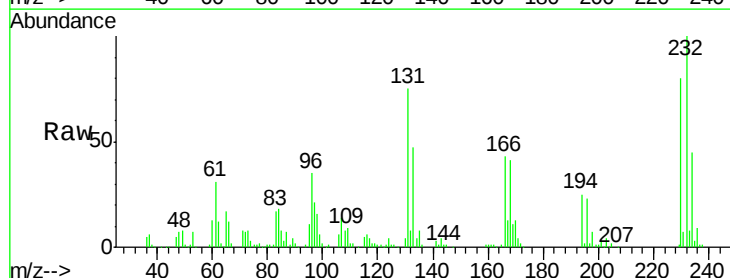
RT: 10.30 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178449		
131	54.2	46.0	69.0	
130	2.7	2.2	3.4	
166	34.5	28.8	43.2	





#59

Diethylphthalate

Concen: 38.80 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

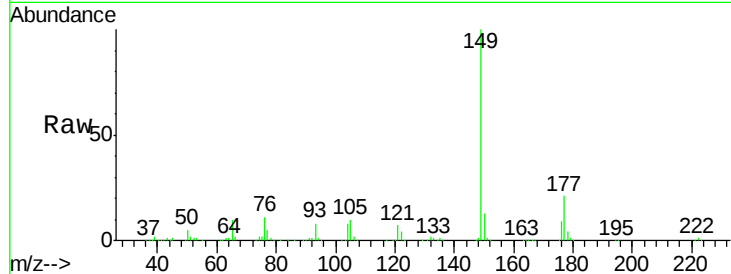
ClientSampled :

PB88788BS

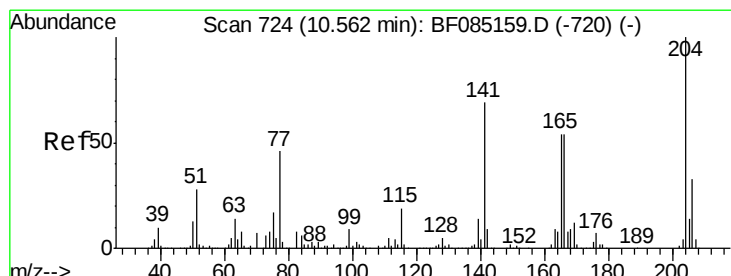
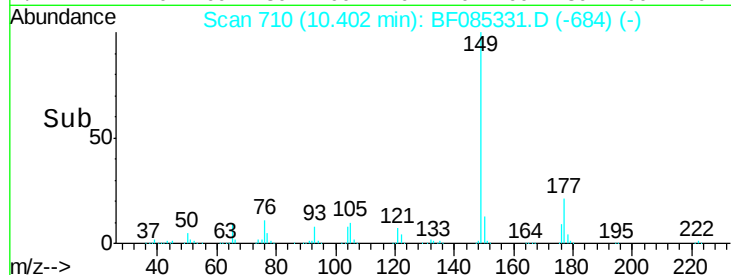
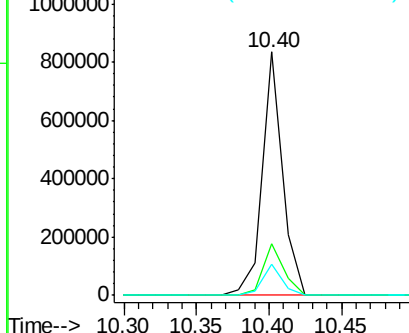
Tgt Ion:	149	Resp:	802779
Ion Ratio	Lower	Upper	
149	100		
177	21.1	19.2	28.8
150	13.0	9.9	14.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.08 ng

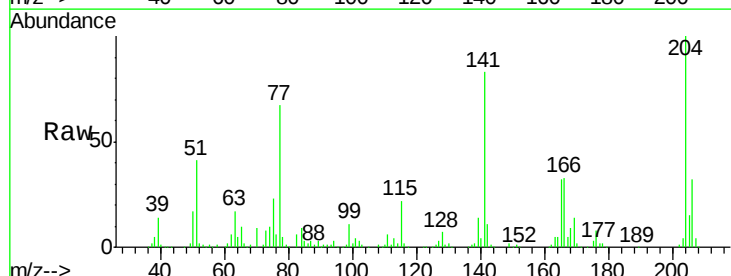
RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

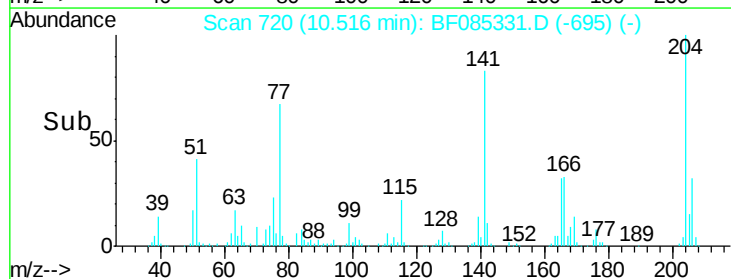
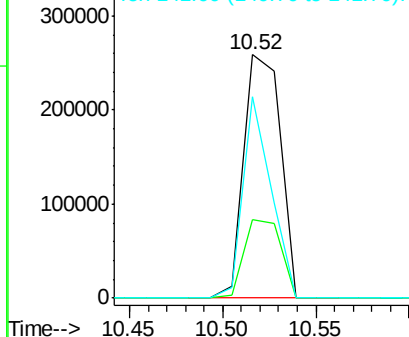
Lab File: BF085331.D

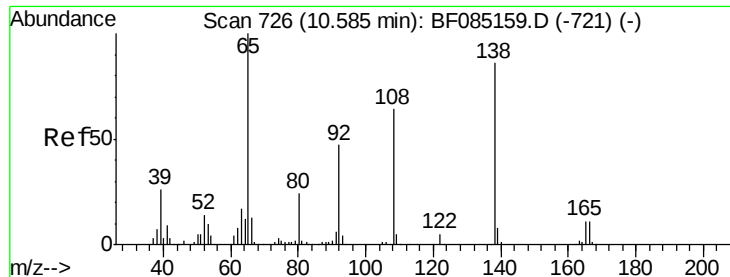
Acq: 10 Mar 2016 14:04

Tgt Ion:	204	Resp:	351633
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	82.7	55.4	83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.03 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

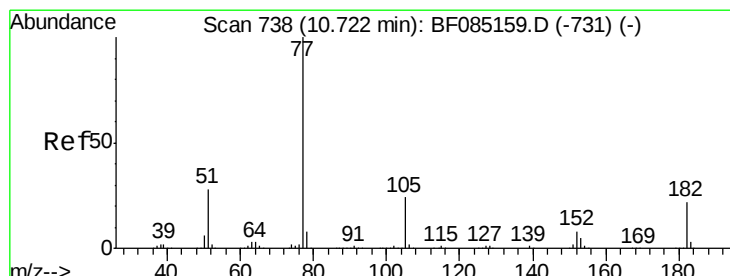
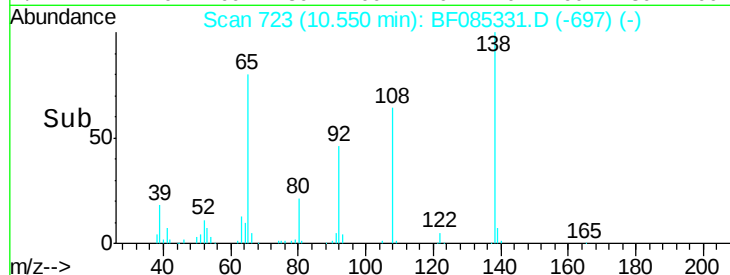
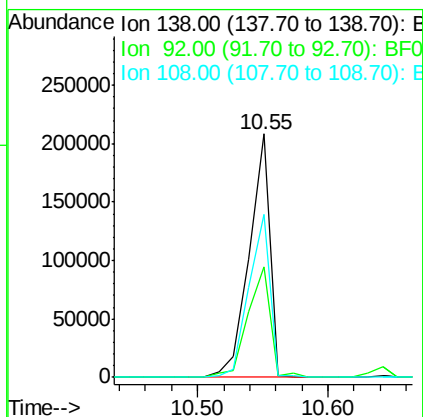
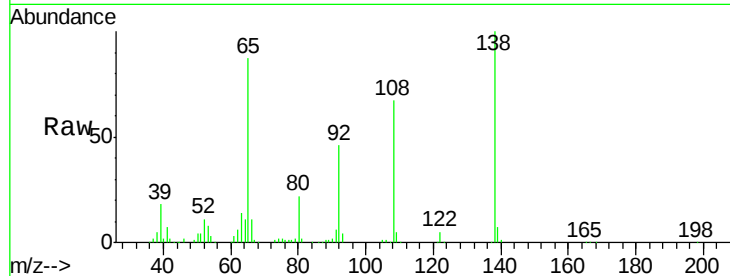
ClientSampleId :

PB88788BS

Tgt Ion:	138	Resp:	229851
Ion Ratio	Lower	Upper	
138	100		
92	45.6	34.2	74.2
108	66.7	53.9	93.9

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#62

Azobenzene

Concen: 46.47 ng

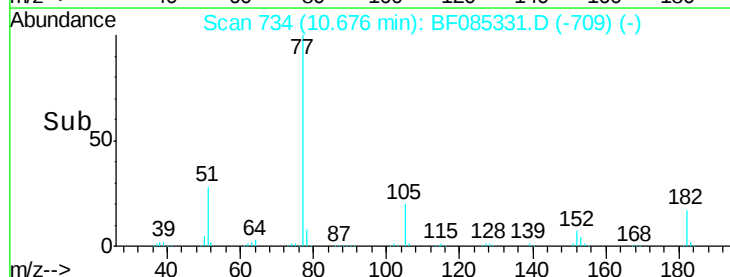
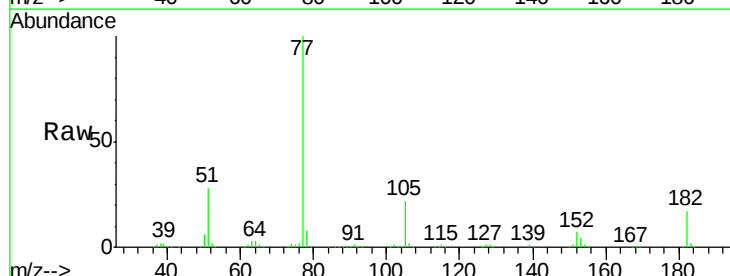
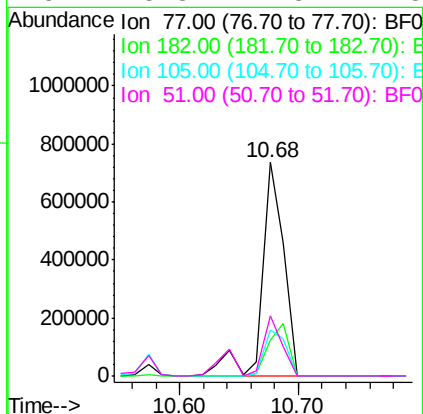
RT: 10.68 min Scan# 734

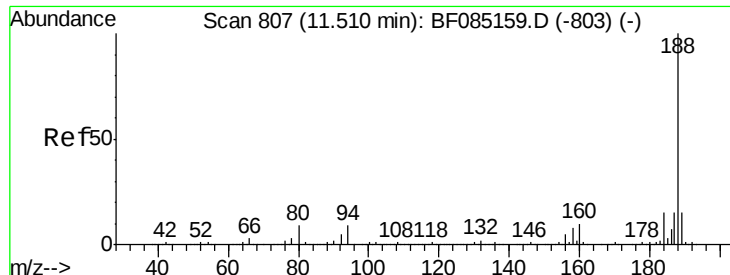
Delta R.T. -0.01 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	77	Resp:	947310
Ion Ratio	Lower	Upper	
77	100		
182	16.9	2.1	42.1
105	21.6	3.8	43.8
51	28.3	7.8	47.8





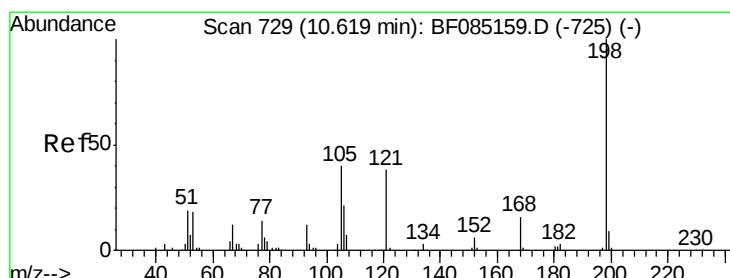
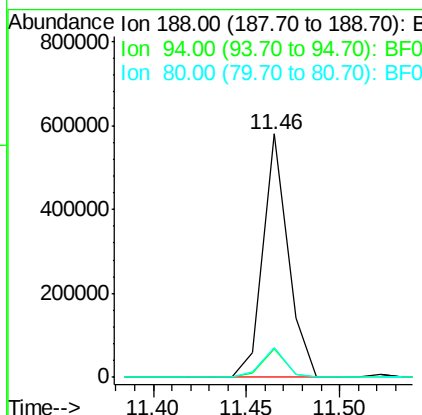
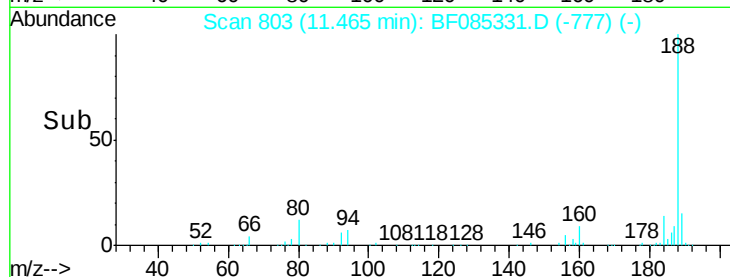
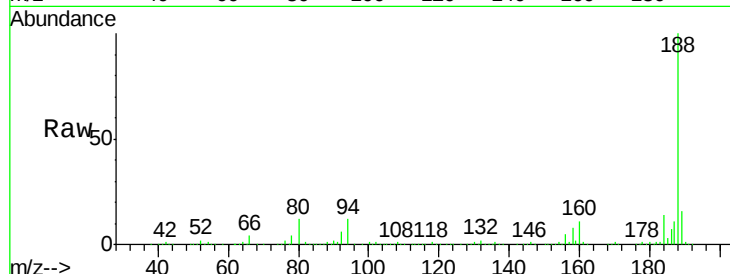
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	7.0	10.6#
80	12.0	7.4	11.0#

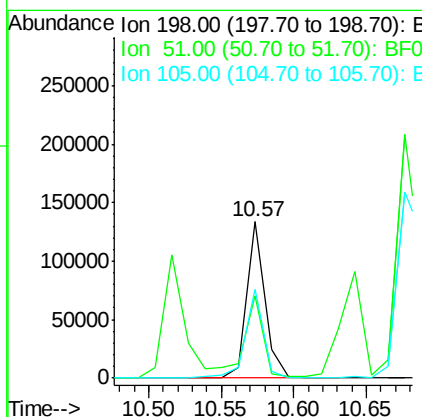
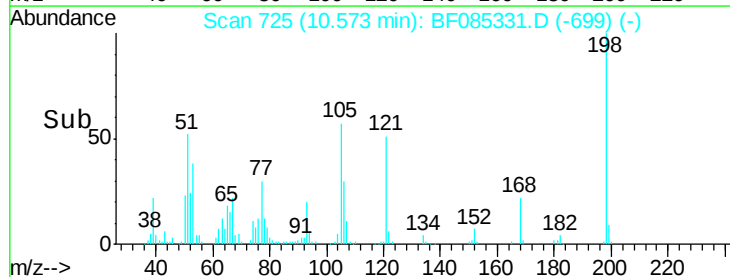
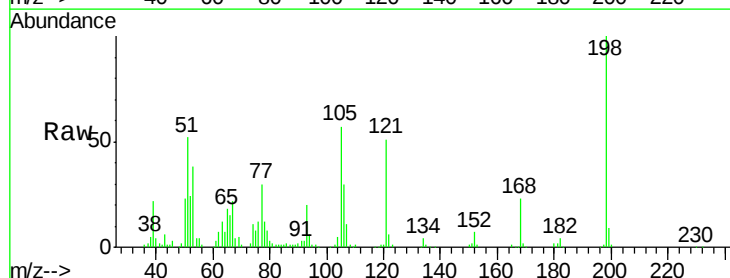
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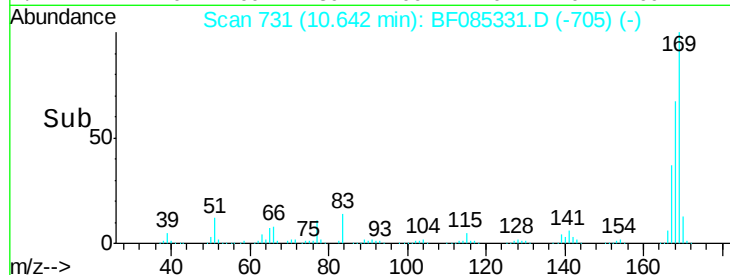
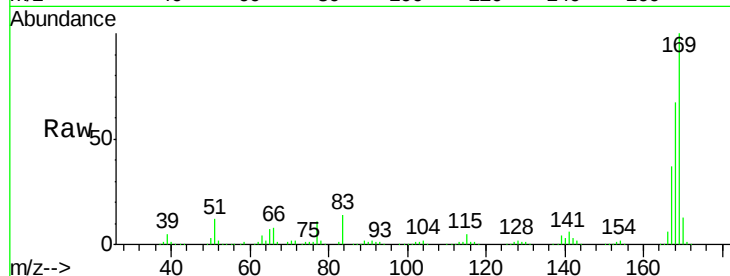
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.01 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.4	9.5	49.5#
105	56.8	20.5	60.5





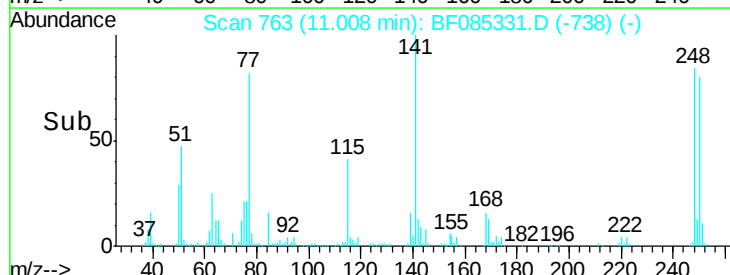
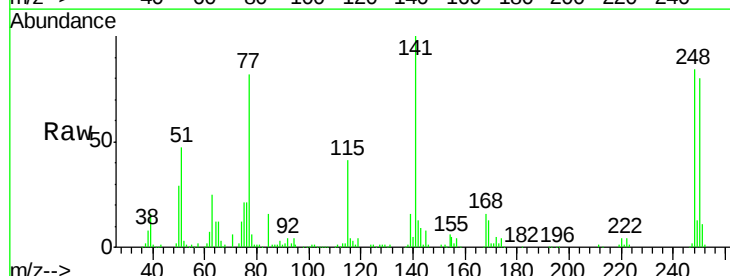
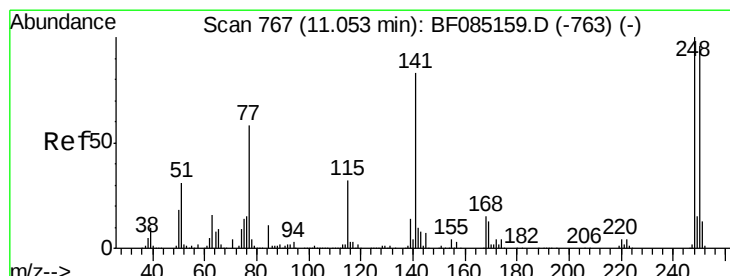
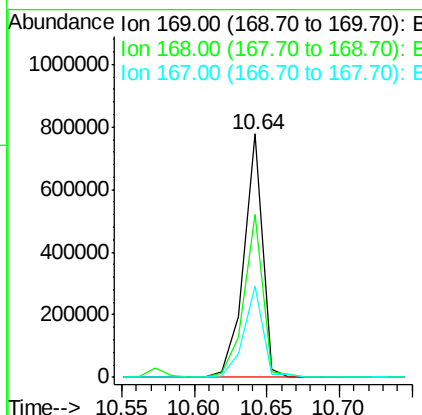
#65
n-Nitrosodiphenylamine
Concen: 41.66 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	698271		
168	67.1	54.8	82.2	
167	37.4	30.3	45.5	

Instrument :
BNA_F
ClientSampleId :
PB88788BS

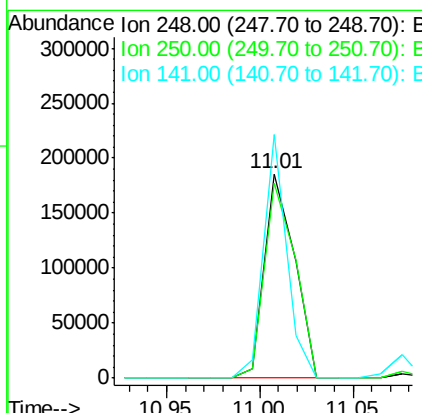
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#66
4-Bromophenyl-phenylether
Concen: 39.55 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	206948		
250	95.7	77.1	115.7	
141	119.2	66.2	99.2#	





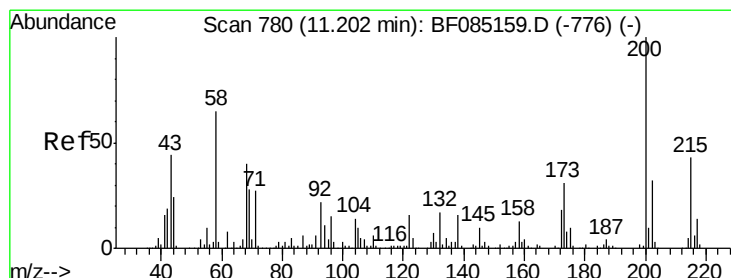
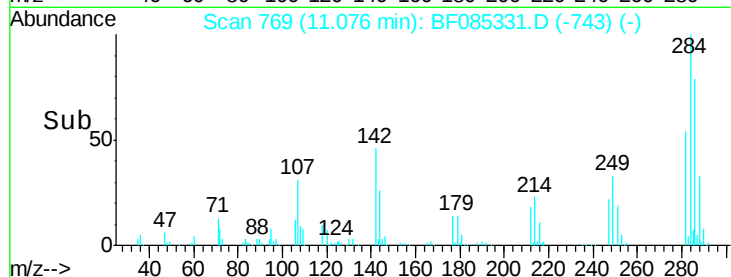
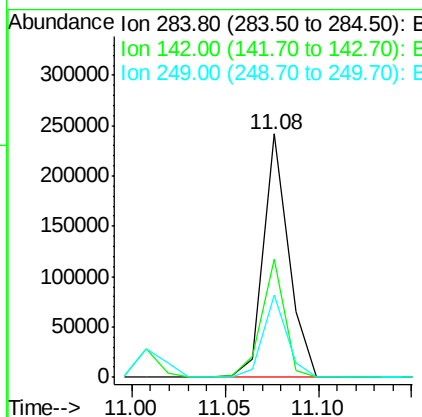
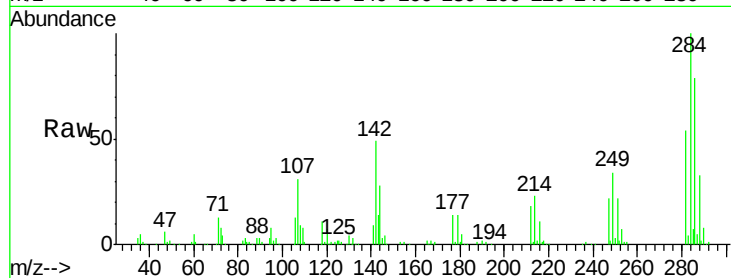
#67
Hexachlorobenzene
Concen: 40.07 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	48.6	24.9	37.3#
249	34.0	25.0	37.4

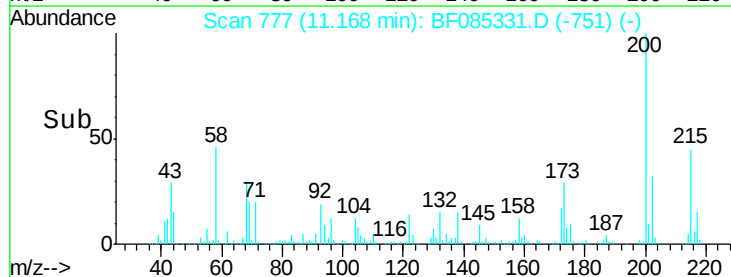
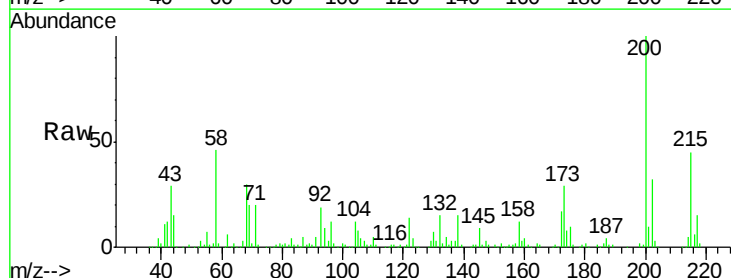
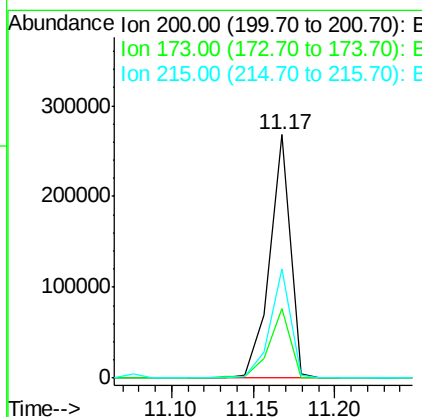
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#68
Atrazine
Concen: 51.09 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.7	10.5	50.5
215	45.1	23.4	63.4





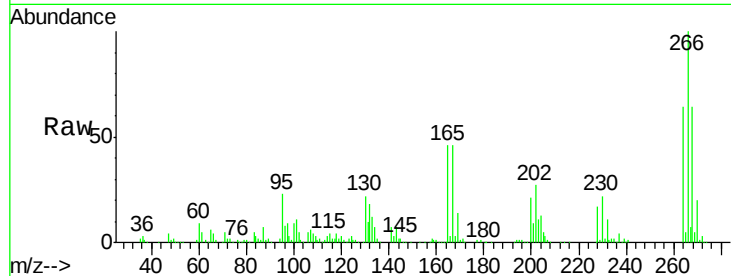
#69
 Pentachlorophenol
 Concen: 81.19 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

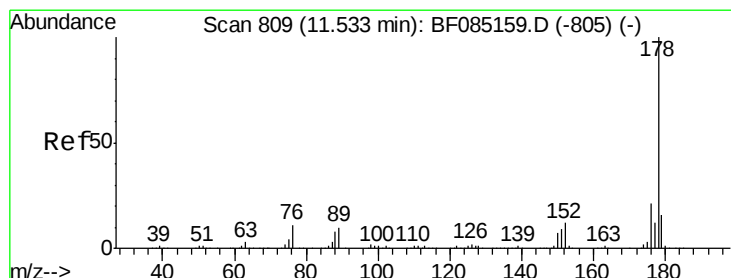
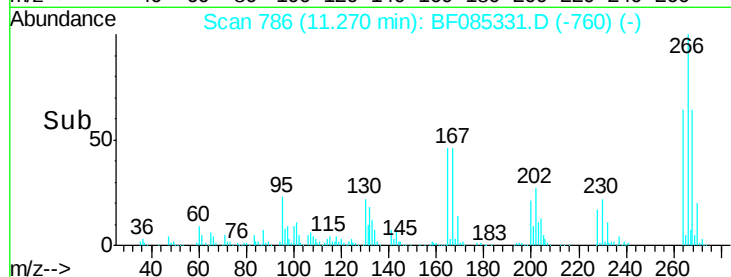
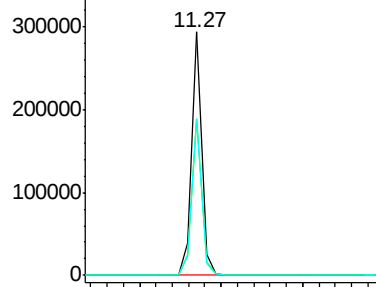
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	251566		
268	64.4	50.0	75.0	
264	64.3	51.4	77.2	

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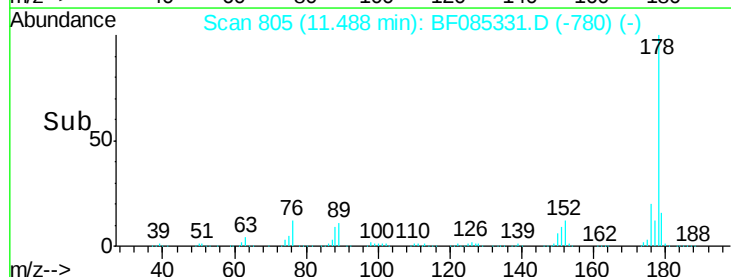
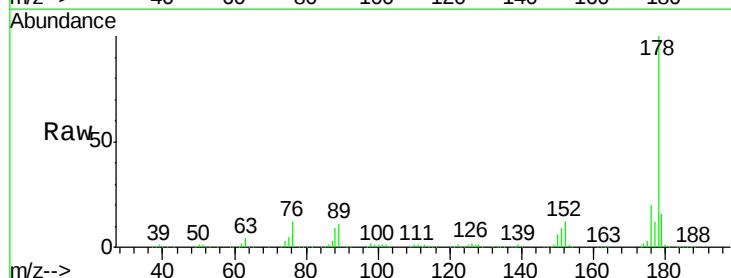
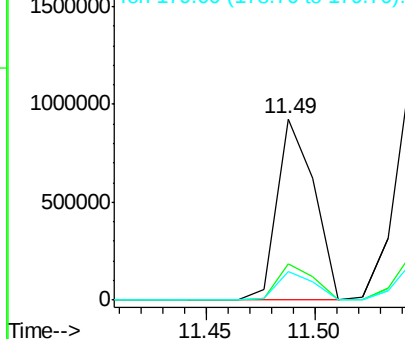
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.17 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1106307		
176	20.1	16.8	25.2	
179	16.1	13.1	19.7	

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





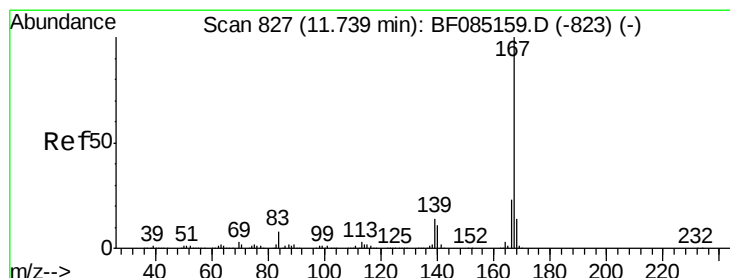
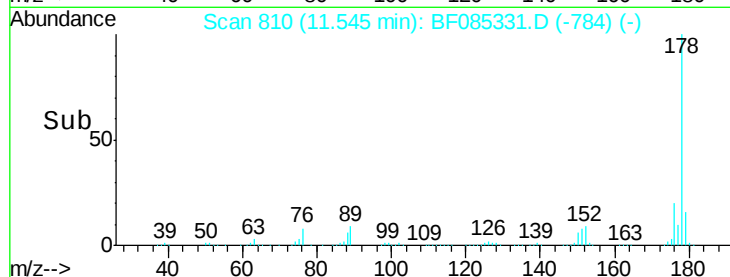
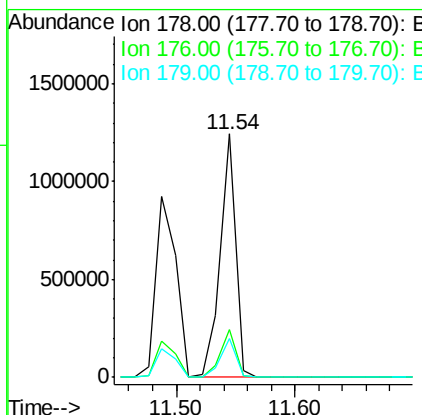
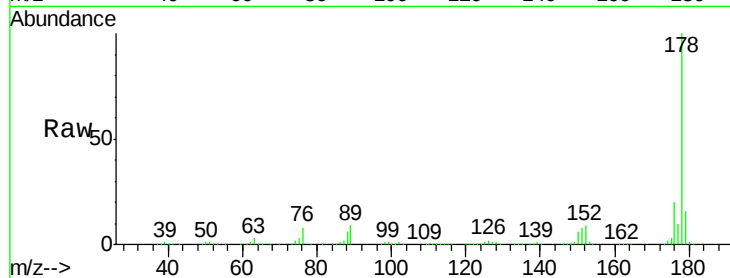
#71
 Anthracene
 Concen: 36.95 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion:178 Resp: 1107700
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.8 12.5 18.7

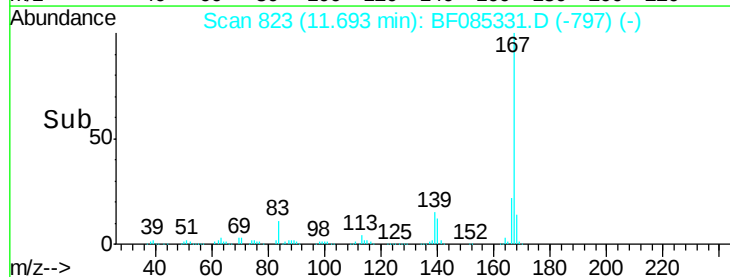
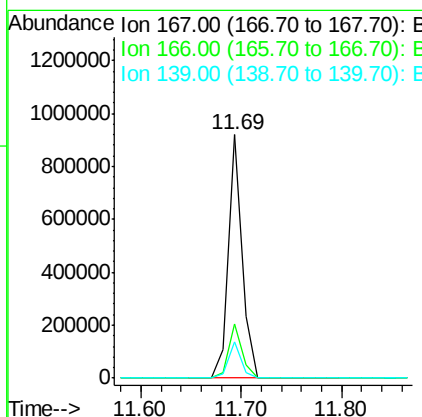
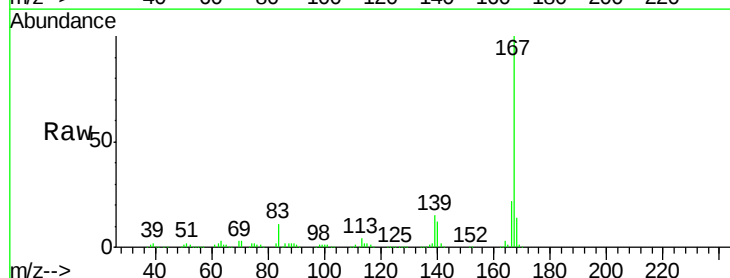
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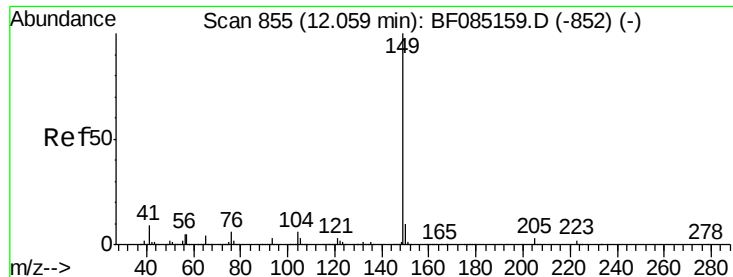
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#72
 Carbazole
 Concen: 33.17 ng
 RT: 11.69 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion:167 Resp: 871945
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.7 11.4 17.0





#73

Di-n-butylphthalate

Concen: 33.37 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

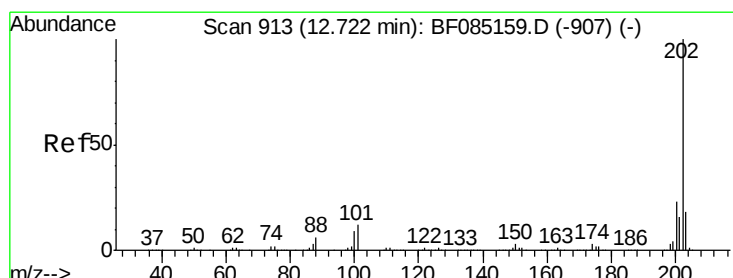
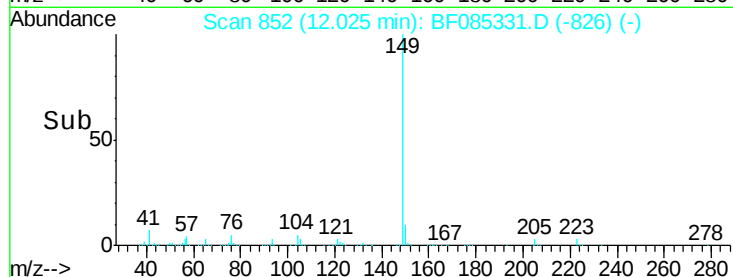
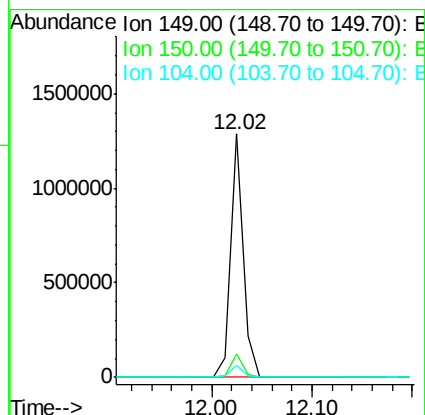
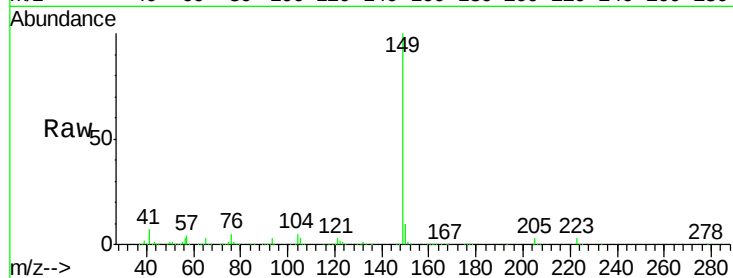
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Tgt Ion:	149	Resp:	1109025
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.1	4.7	7.1



#74

Fluoranthene

Concen: 34.96 ng

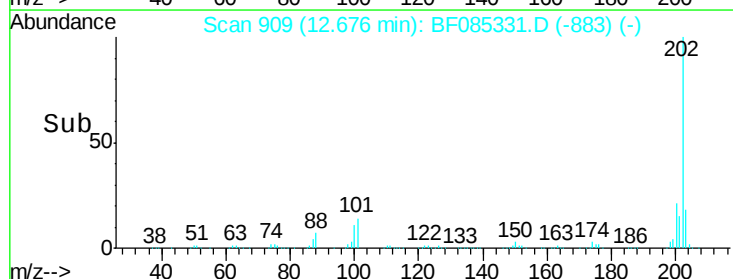
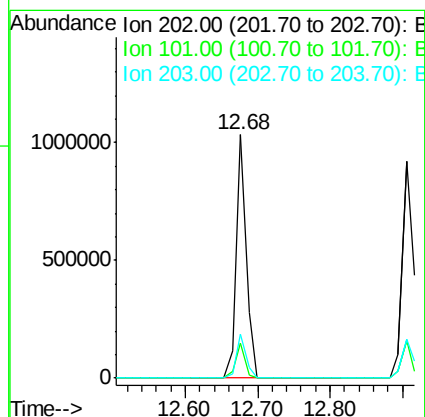
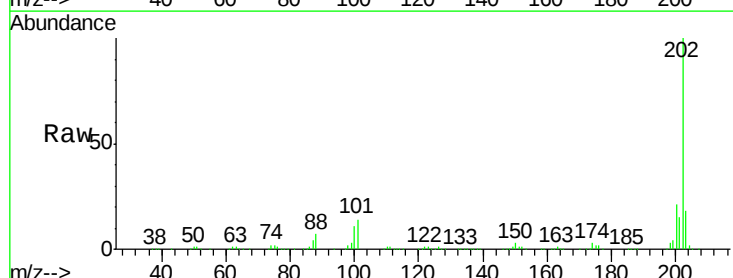
RT: 12.68 min Scan# 909

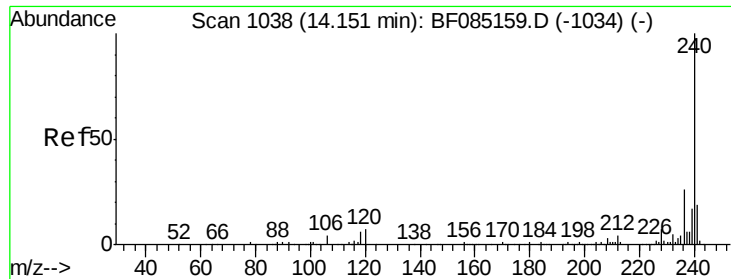
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	202	Resp:	990727
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	31.8
203	17.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

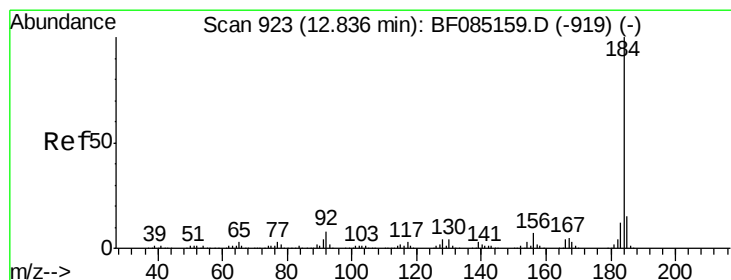
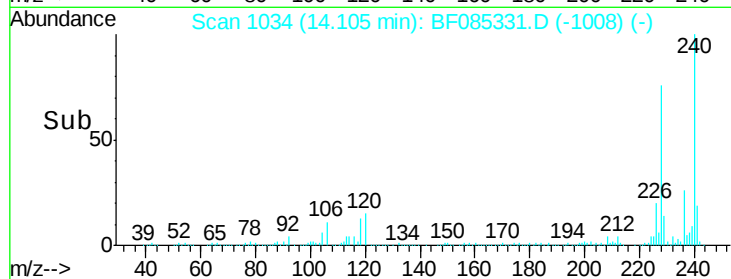
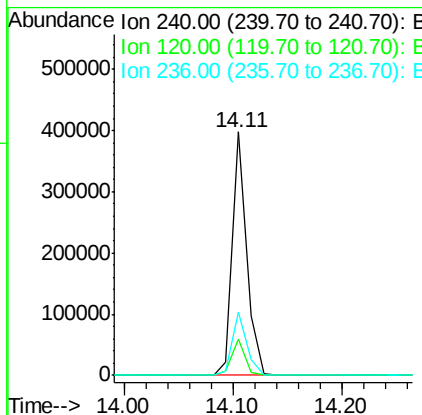
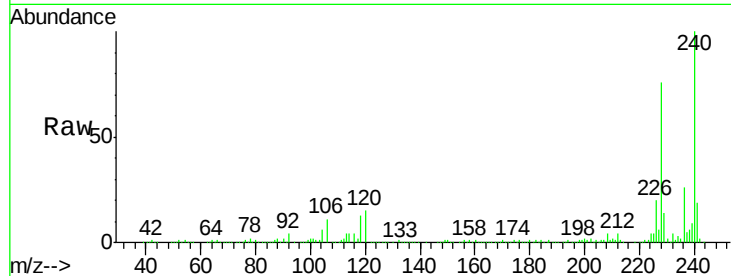
ClientSampleId :

PB88788BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.3	7.9#
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 31.49 ng

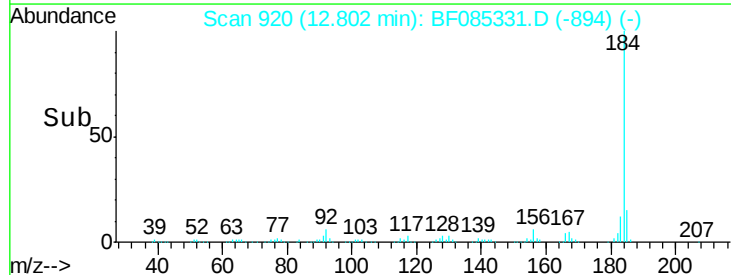
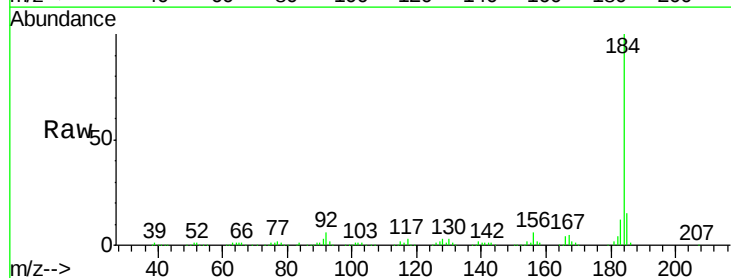
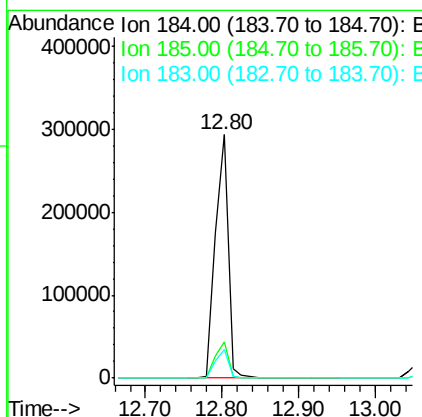
RT: 12.80 min Scan# 920

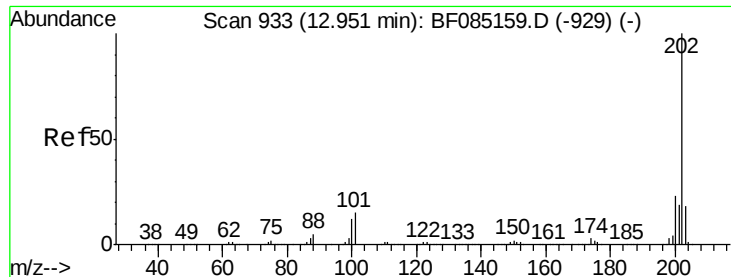
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.4	18.6
183	11.7	9.4	14.2





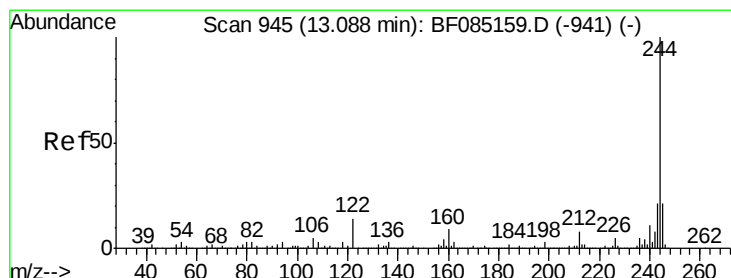
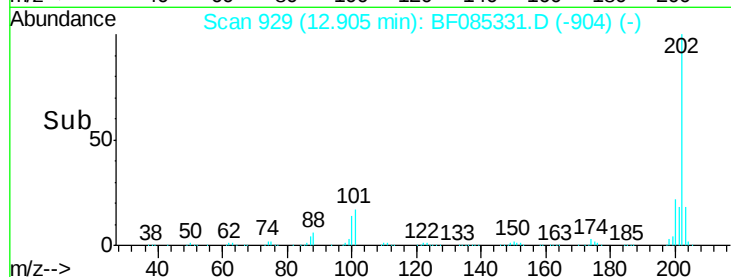
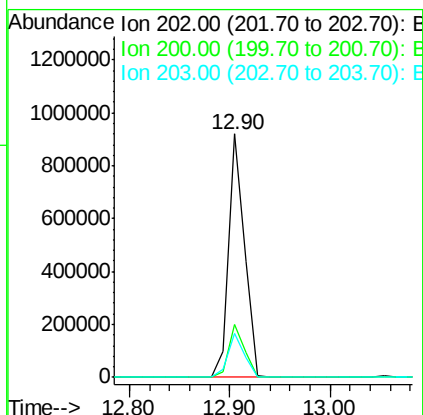
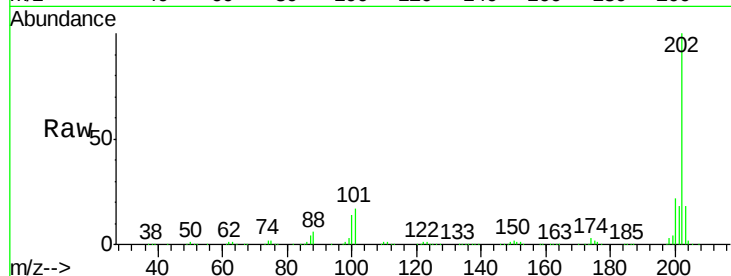
#77
 Pyrene
 Concen: 37.22 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.4
203	18.0	14.7	22.1

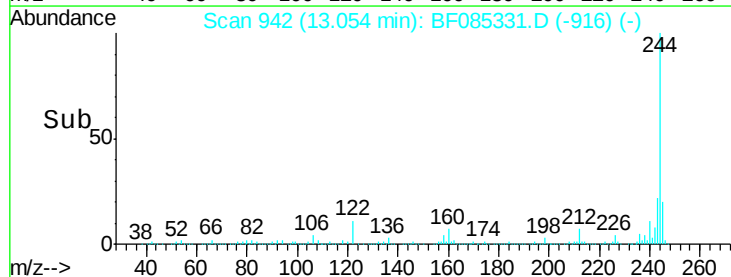
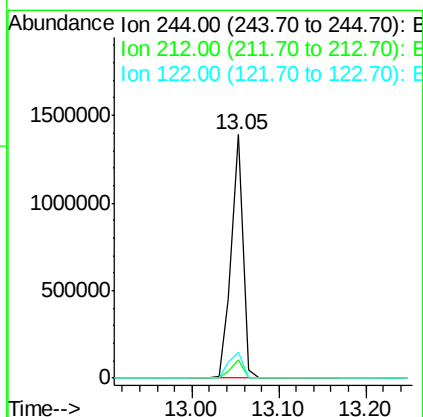
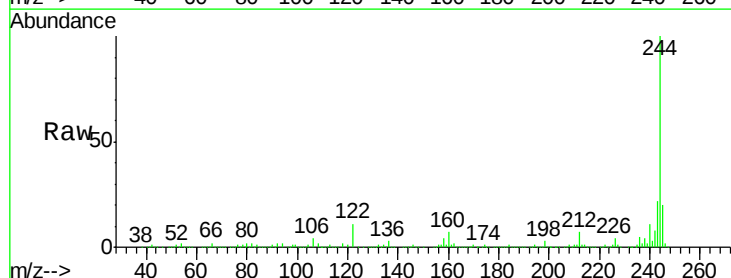
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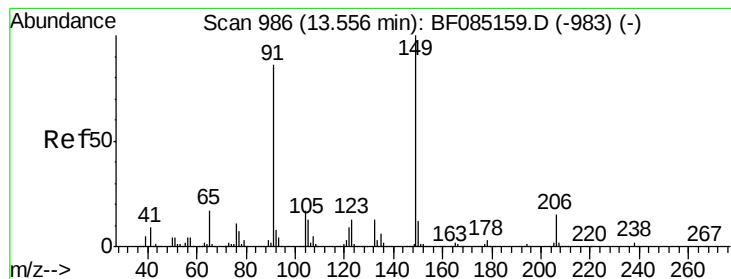
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#78
 Terphenyl-d14
 Concen: 84.51 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	10.9	11.4	17.2





#79

Butylbenzylphthalate

Concen: 37.58 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF085331.D

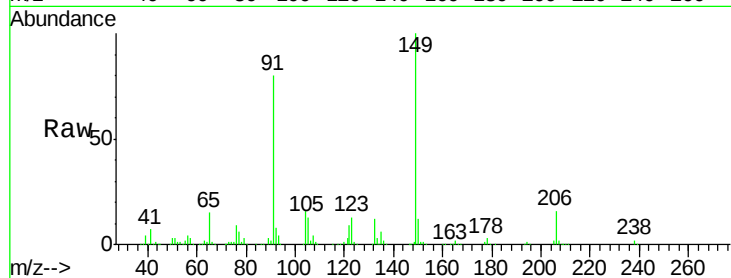
Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

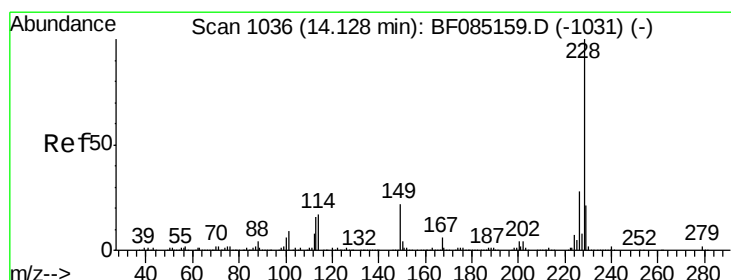
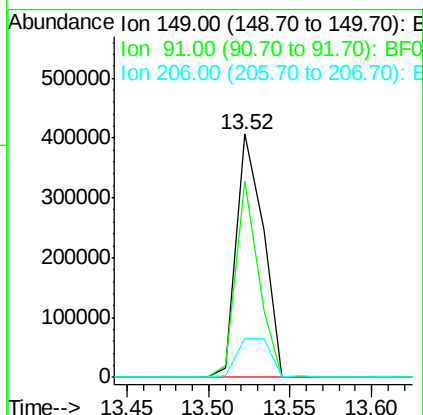
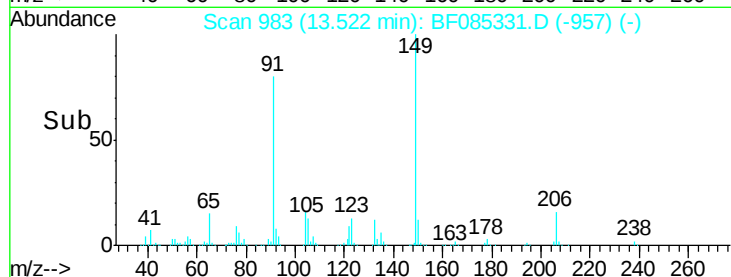
PB88788BS



Tgt Ion:	149	Resp:	460596
Ion Ratio		Lower	Upper
149	100		
91	80.5	69.0	103.4
206	16.0	12.3	18.5

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#80

Benzo(a)anthracene

Concen: 37.29 ng

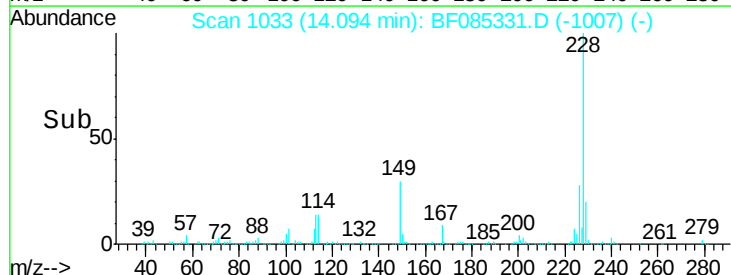
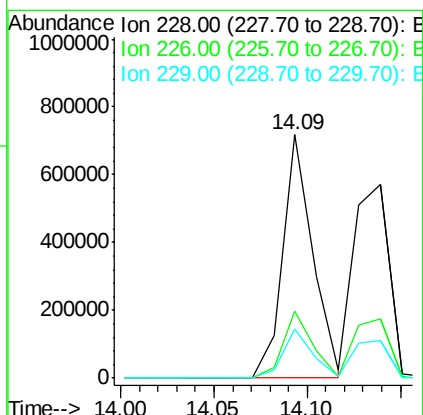
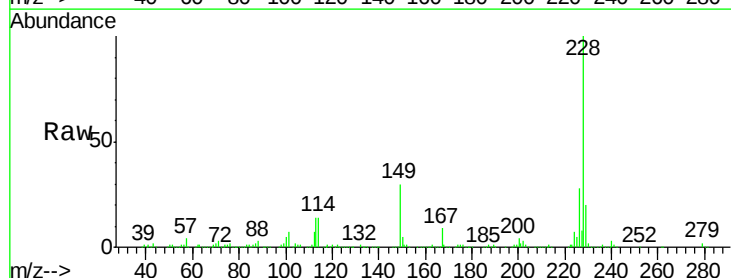
RT: 14.09 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	228	Resp:	801204
Ion Ratio		Lower	Upper
228	100		
226	27.6	22.8	34.2
229	20.1	16.6	24.8





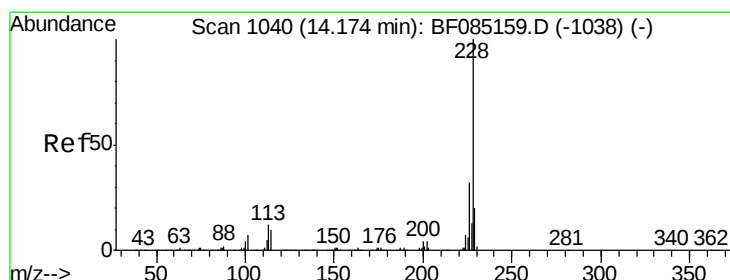
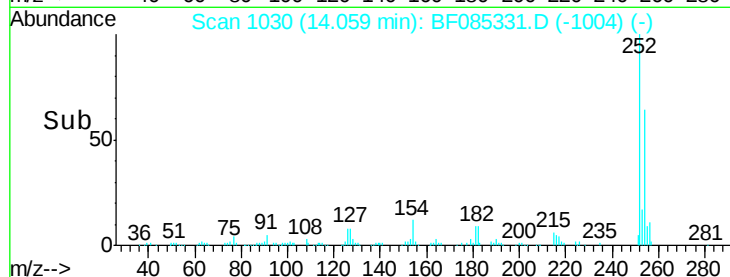
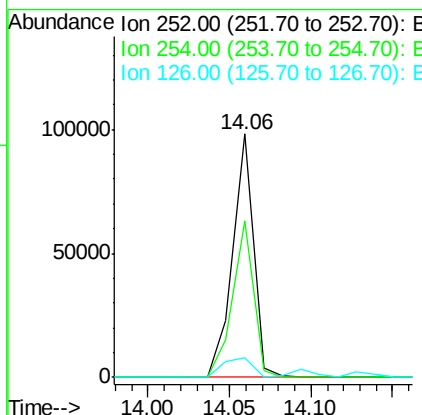
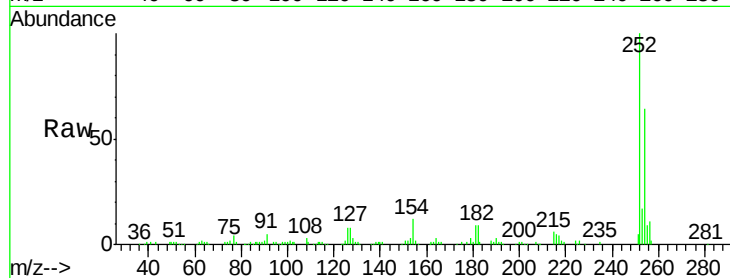
#81
 3,3'-Dichlorobenzidine
 Concen: 12.77 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB88788BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.4	77.0
126	8.0	12.9	19.3

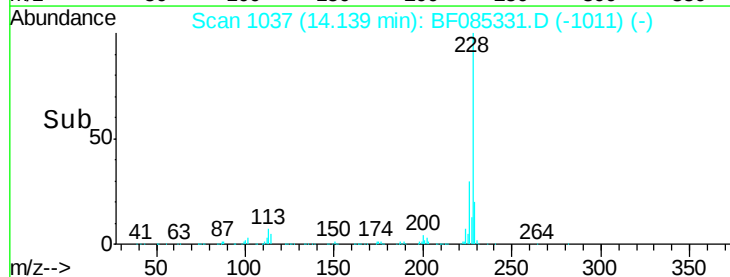
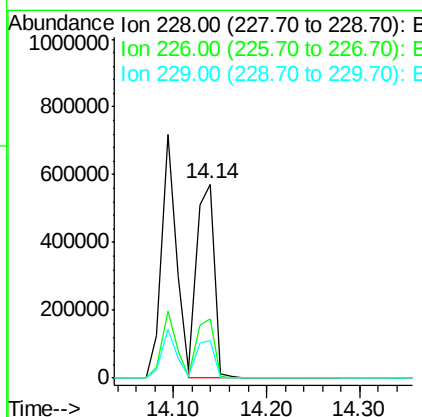
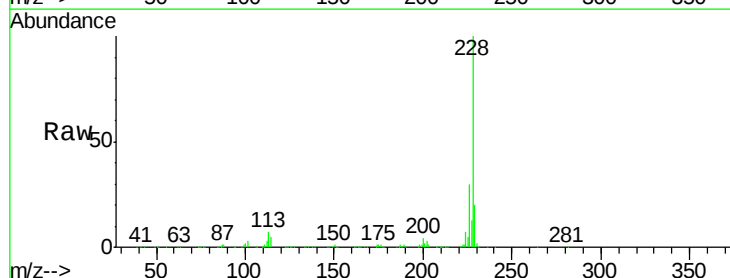
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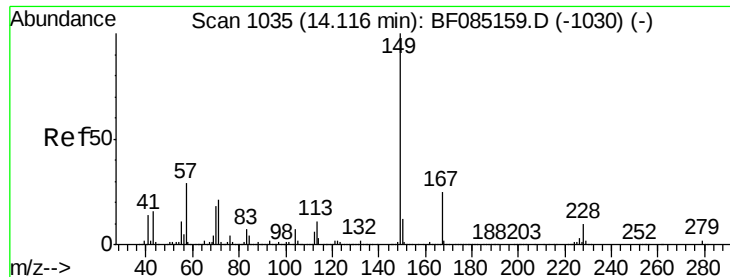
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#82
 Chrysene
 Concen: 38.27 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.2	37.8
229	19.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.86 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Instrument :

BNA_F

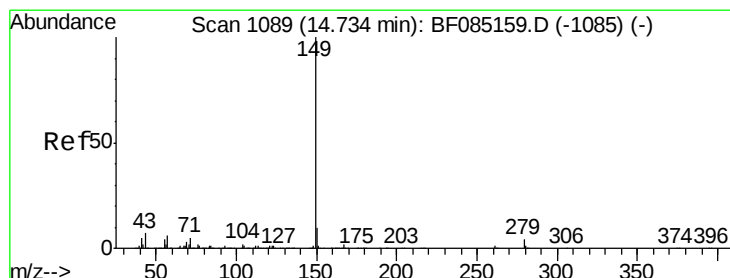
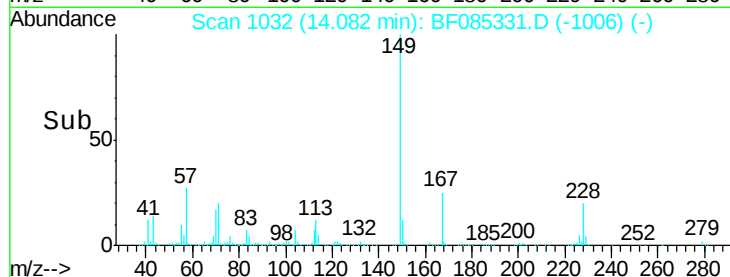
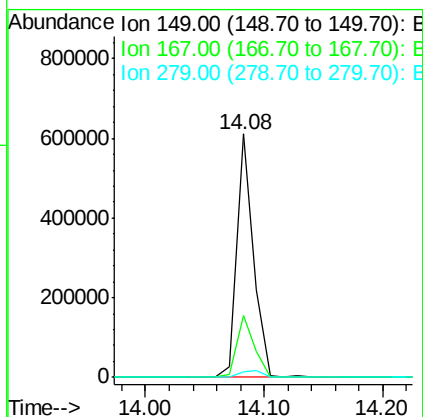
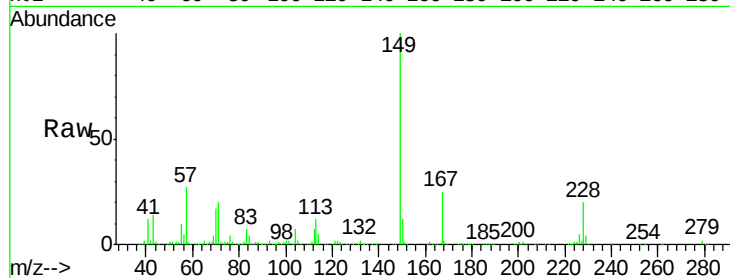
ClientSampleId :

PB88788BS

Tgt Ion:	149	Resp:	594470
Ion Ratio		Lower	Upper
149	100		
167	25.2	20.3	30.5
279	2.4	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 38.76 ng

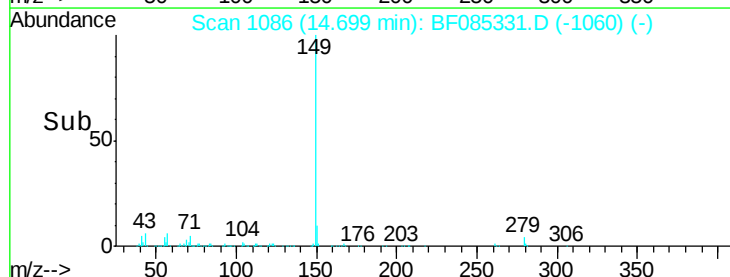
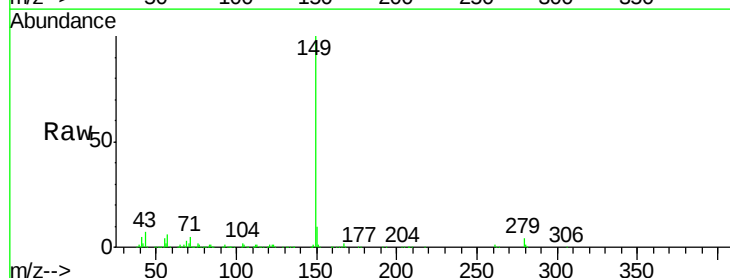
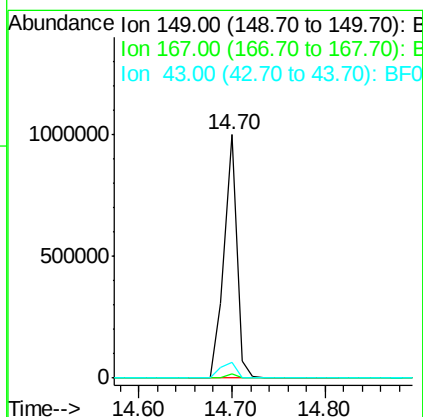
RT: 14.70 min Scan# 1086

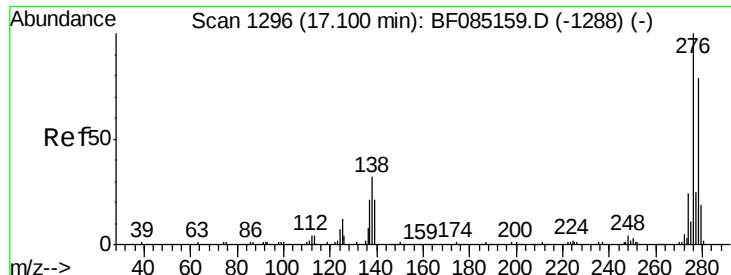
Delta R.T. -0.00 min

Lab File: BF085331.D

Acq: 10 Mar 2016 14:04

Tgt Ion:	149	Resp:	951990
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.0	7.8	11.8





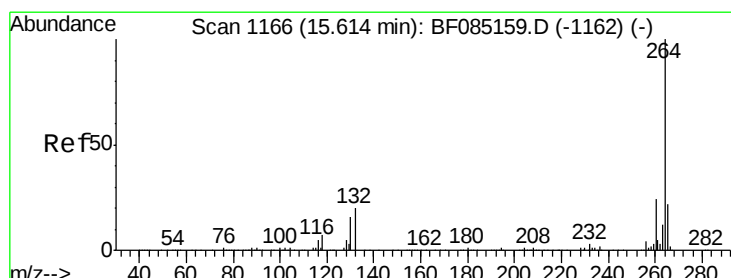
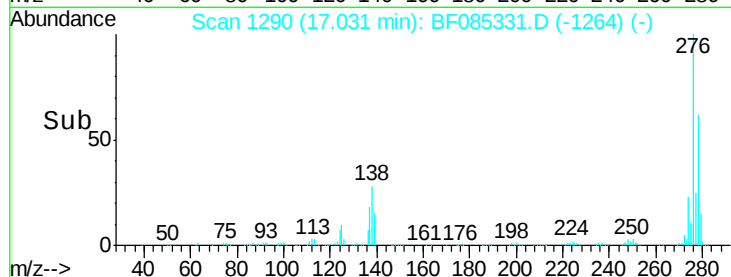
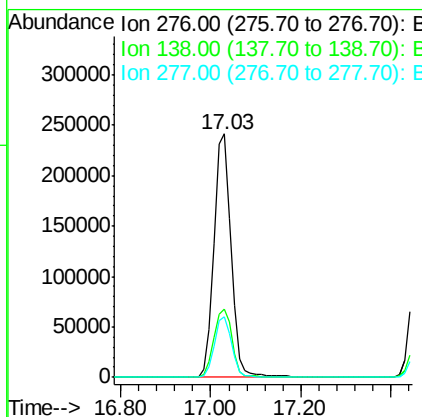
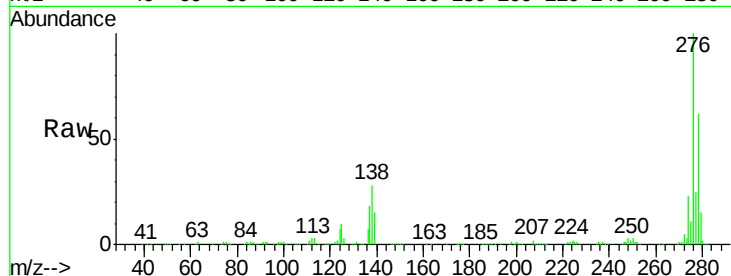
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.73 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	646293		
138	29.9		26.4	39.6
277	25.1		20.2	30.2

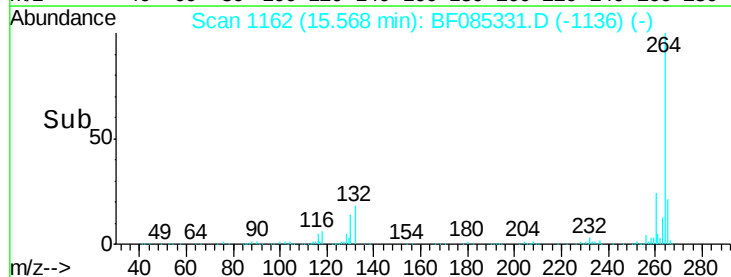
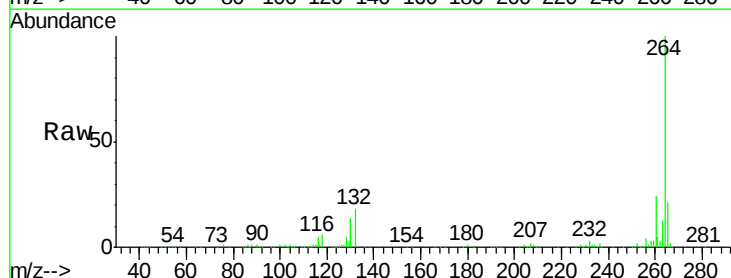
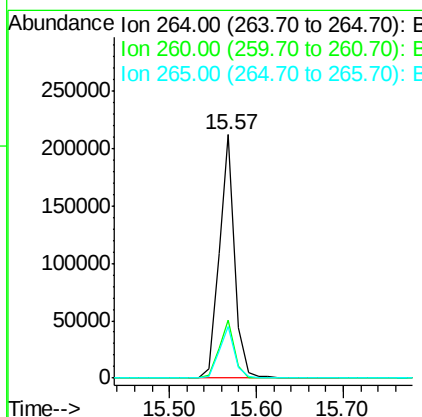
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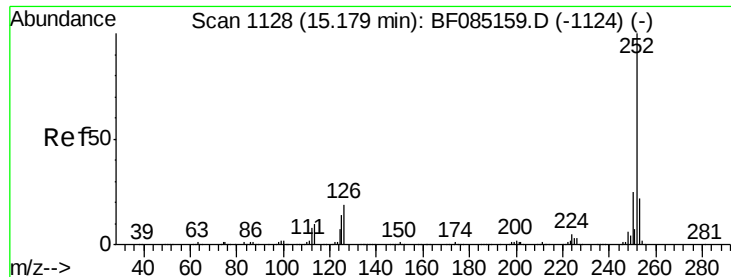
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	262064		
260	23.7		19.2	28.8
265	21.4		17.3	25.9





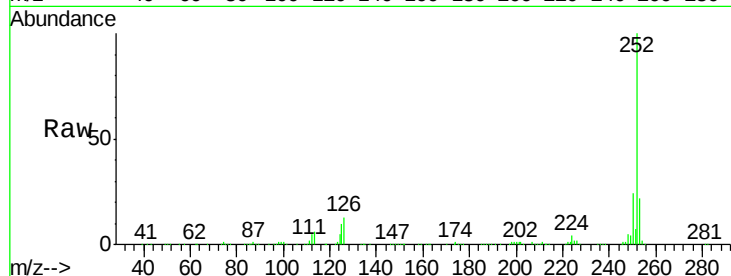
#87
Benzo(b)fluoranthene
Concen: 40.76 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

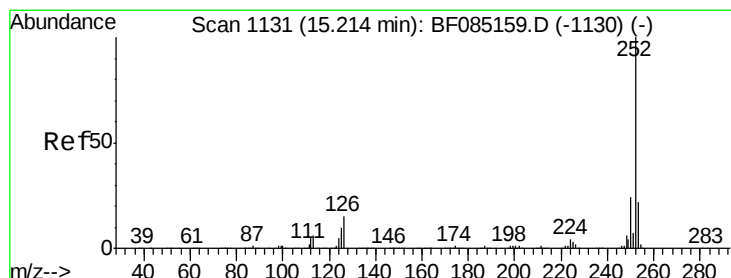
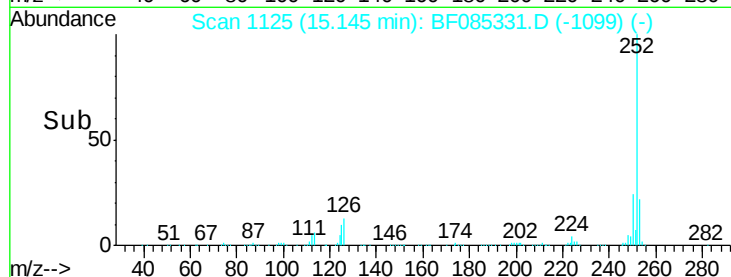
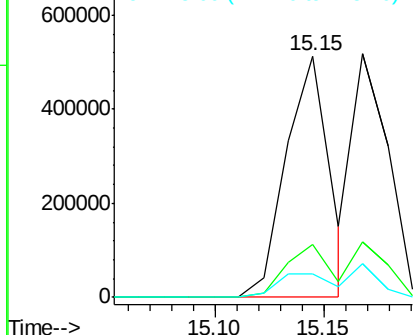
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	9.8	11.3	16.9

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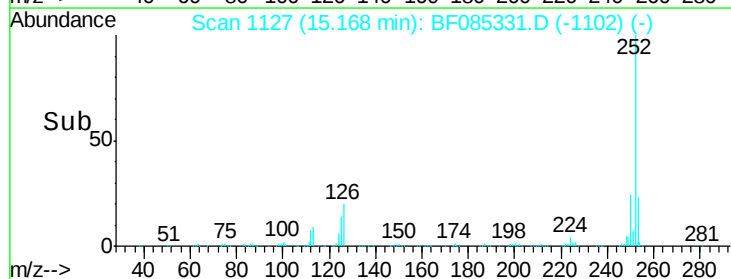
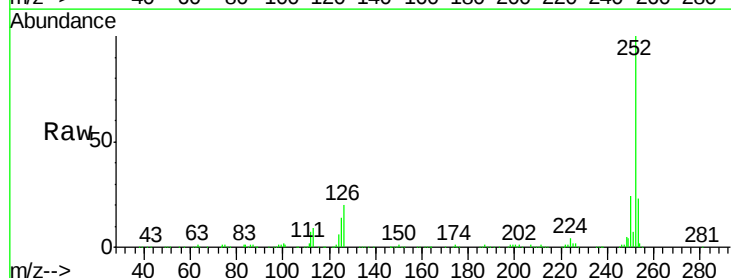
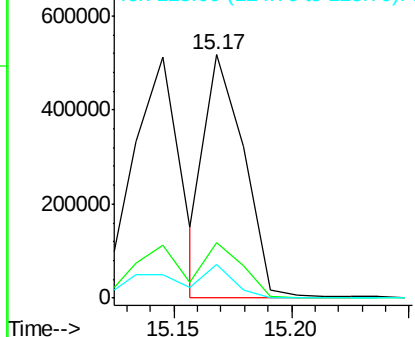
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

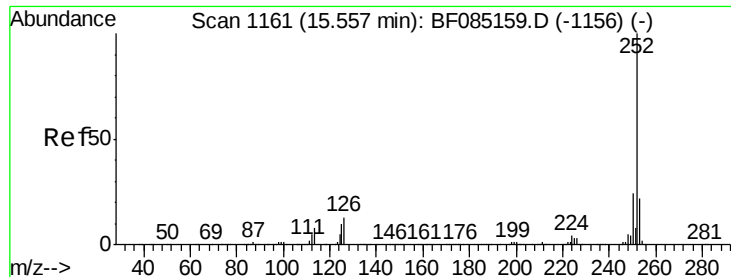


#88
Benzo(k)fluoranthene
Concen: 42.41 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.7	10.4	15.6

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





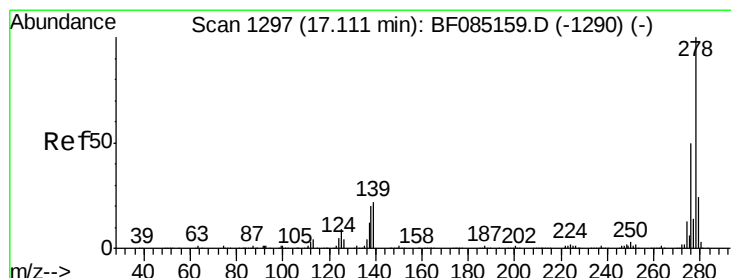
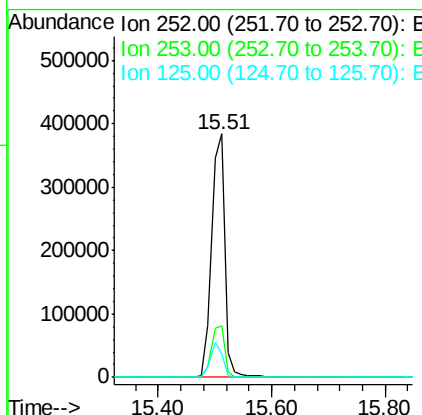
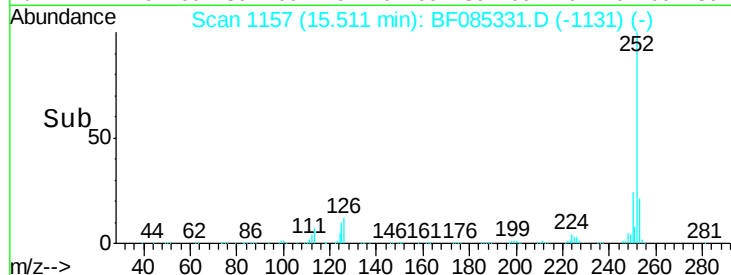
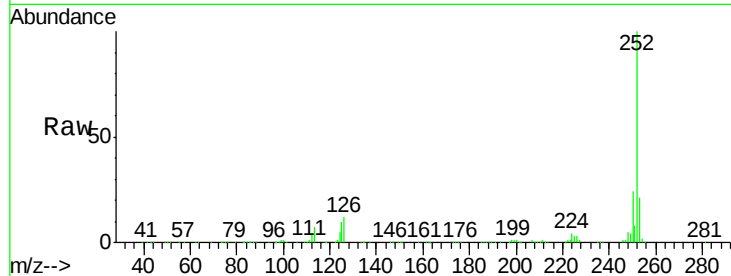
#89
Benzo(a)pyrene
Concen: 41.86 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
PB88788BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.6	8.2	12.4

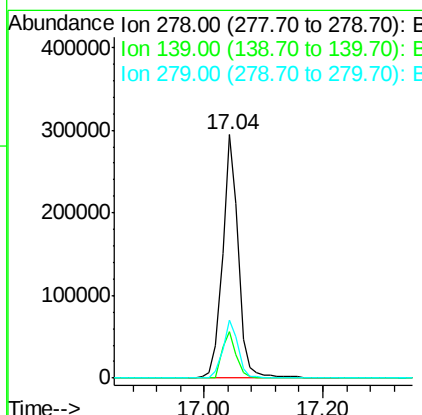
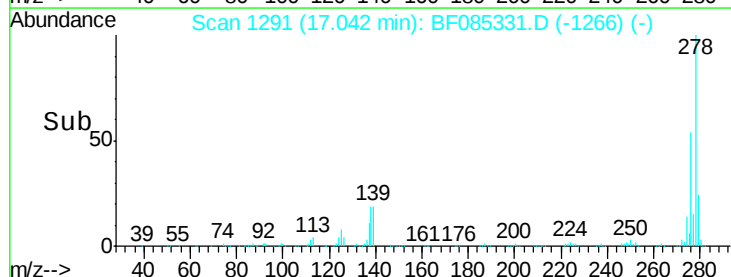
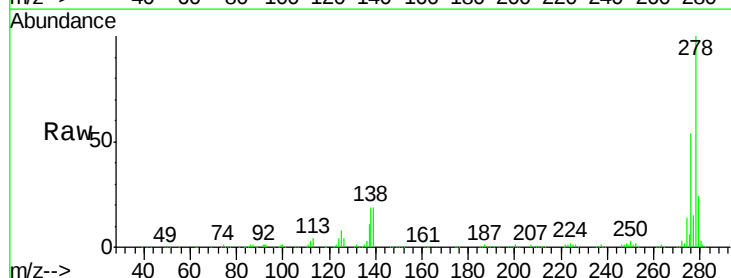
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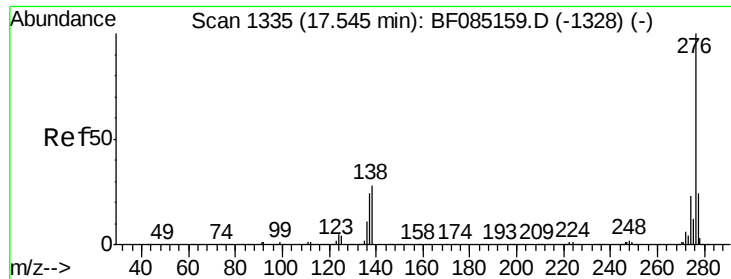
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#90
Dibenzo(a,h)anthracene
Concen: 43.86 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF085331.D
Acq: 10 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.3	25.9
279	23.6	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 43.91 ng
 RT: 17.48 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF085331.D
 Acq: 10 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	19.0	28.4
138	21.8	22.5	33.7

Manual Integrations
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