

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085334.D
 Acq On : 10 Mar 2016 15:40
 Operator : UM/SJ
 Sample : PB88797BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Manual Integrations
 APPROVED

Sohil
 3/11/2016 4:58:16 PM

Quant Time: Mar 10 17:40:26 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	213459	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	873067	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	397923	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	685693	20.00	ng	0.00
75) Chrysene-d12	14.11	240	476083	20.00	ng	0.00
86) Perylene-d12	15.57	264	373509	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1147171	90.15	ng	0.02
7) Phenol-d6	6.57	99	1411539	84.66	ng	0.01
23) Nitrobenzene-d5	7.50	82	917591	56.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	360796	105.96	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1594340	60.93	ng	0.00
78) Terphenyl-d14	13.05	244	1279249	62.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	153880	23.65	ng	97
3) Pyridine	3.44	79	414240	25.43	ng	97
4) n-Nitrosodimethylamine	3.38	42	193805	27.80	ng	97
6) Aniline	6.60	93	536023	22.94	ng	99
8) 2-Chlorophenol	6.72	128	408359	26.65	ng	96
9) Benzaldehyde	6.48	77	104827	9.99	ng	99
10) Phenol	6.58	94	621459	34.80	ng	92
11) bis(2-Chloroethyl)ether	6.68	93	418009	28.18	ng	98
12) 1,3-Dichlorobenzene	6.88	146	455742	27.71	ng	97
13) 1,4-Dichlorobenzene	6.96	146	440902m	26.75	ng	
14) 1,2-Dichlorobenzene	7.11	146	444883	29.74	ng	100
15) Benzyl Alcohol	7.08	79	351848	28.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	526546	24.63	ng	100
17) 2-Methylphenol	7.19	107	350450	28.03	ng	97
18) Hexachloroethane	7.45	117	167338	27.52	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	267150	24.58	ng	# 90
20) 3+4-Methylphenols	7.34	107	434449	29.34	ng	95
22) Acetophenone	7.35	105	534683	25.09	ng	# 98
24) Nitrobenzene	7.52	77	441157	26.62	ng	99
25) Isophorone	7.76	82	829558	27.44	ng	99
26) 2-Nitrophenol	7.84	139	246941	30.62	ng	# 89
27) 2,4-Dimethylphenol	7.88	122	424656	28.81	ng	95
28) bis(2-Chloroethoxy)methane	7.97	93	491671	29.20	ng	100
29) 2,4-Dichlorophenol	8.08	162	380748	32.03	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	357634	27.83	ng	100
31) Naphthalene	8.25	128	1197072	27.88	ng	98
32) Benzoic acid	7.98	122	231292	23.62	ng	98
33) 4-Chloroaniline	8.29	127	306031	17.62	ng	99
34) Hexachlorobutadiene	8.37	225	197423	29.52	ng	99
35) Caprolactam	8.66	113	122791m	31.63	ng	
36) 4-Chloro-3-methylphenol	8.78	107	390674	28.97	ng	# 83
37) 2-Methylnaphthalene	8.94	142	823851	29.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	329667	28.97	ng	97
40) Hexachlorocyclopentadiene	9.10	237	380666	62.02	ng	98

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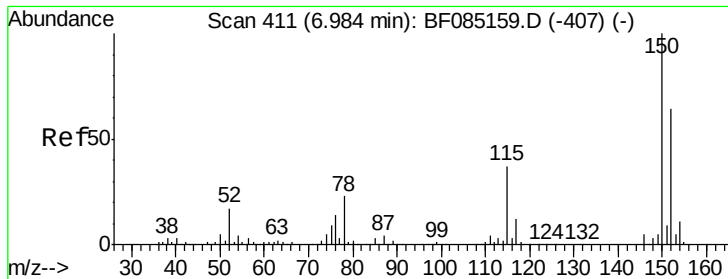
Manual Integrations
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 3/11/2016 4:58:16 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	253719	29.95	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	265914	33.11	ng #	91
45) 1,1'-Biphenyl	9.41	154	980475	28.84	ng	94
46) 2-Chloronaphthalene	9.43	162	770005	29.71	ng	97
47) 2-Nitroaniline	9.52	65	243227	30.29	ng #	82
48) Acenaphthylene	9.84	152	1131030	28.04	ng	98
49) Dimethylphthalate	9.70	163	871275	28.53	ng	100
50) 2,6-Dinitrotoluene	9.76	165	182176	27.88	ng	88
51) Acenaphthene	10.01	154	749884	30.62	ng	99
52) 3-Nitroaniline	9.93	138	174464	22.32	ng	93
53) 2,4-Dinitrophenol	10.04	184	163871	52.49	ng #	55
54) Dibenzofuran	10.18	168	954169	29.74	ng	98
55) 4-Nitrophenol	10.09	139	342285	55.72	ng #	80
56) 2,4-Dinitrotoluene	10.17	165	266081	31.82	ng #	67
57) Fluorene	10.53	166	742322	29.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	184507	32.70	ng	96
59) Diethylphthalate	10.40	149	856789	28.91	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	364567	29.73	ng #	80
61) 4-Nitroaniline	10.55	138	239114	32.70	ng	95
62) Azobenzene	10.68	77	921866	31.57	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	122286	29.78	ng #	66
65) n-Nitrosodiphenylamine	10.64	169	703373	32.98	ng	100
66) 4-Bromophenyl-phenylether	11.01	248	199619	29.98	ng #	85
67) Hexachlorobenzene	11.08	284	211963	29.84	ng #	83
68) Atrazine	11.17	200	215743	36.37	ng	97
69) Pentachlorophenol	11.27	266	236364	59.95	ng	99
70) Phenanthrene	11.49	178	1034397	28.79	ng	98
71) Anthracene	11.54	178	1104894	28.96	ng	99
72) Carbazole	11.69	167	862858	25.79	ng	99
73) Di-n-butylphthalate	12.03	149	1117229	26.42	ng	99
74) Fluoranthene	12.68	202	992236	27.51	ng	97
76) Benzidine	12.80	184	552563	39.00	ng	98
77) Pyrene	12.91	202	1031801	28.79	ng	99
79) Butylbenzylphthalate	13.52	149	456219	28.06	ng	94
80) Benzo(a)anthracene	14.09	228	807969	28.35	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	134778	14.99	ng #	96
82) Chrysene	14.14	228	768944	29.21	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	579234	27.07	ng	99
84) Di-n-octyl phthalate	14.70	149	940686	28.87	ng	95
85) Indeno(1,2,3-cd)pyrene	17.03	276	655526	31.90	ng	97
87) Benzo(b)fluoranthene	15.15	252	694266	27.89	ng #	95
88) Benzo(k)fluoranthene	15.17	252	587456m	29.25	ng	
89) Benzo(a)pyrene	15.51	252	613530	29.74	ng	99
90) Dibenzo(a,h)anthracene	17.04	278	550669	31.27	ng	98
91) Benzo(g,h,i)perylene	17.48	276	558440	31.54	ng #	94

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



#1

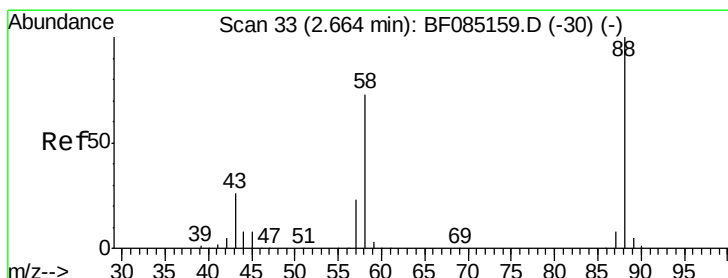
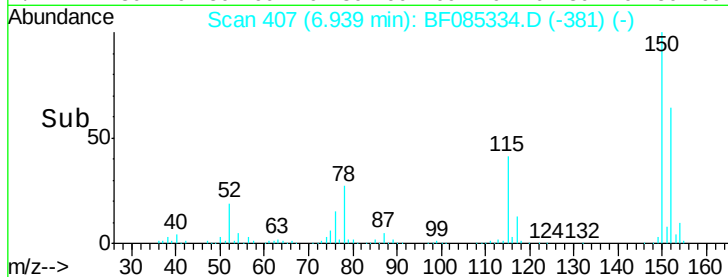
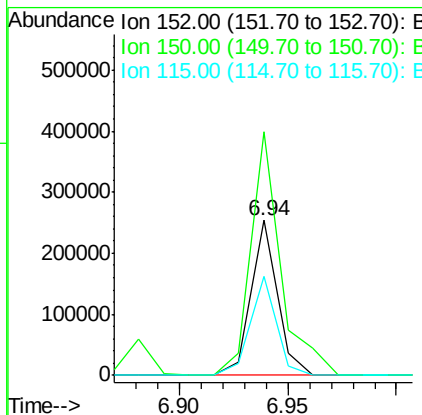
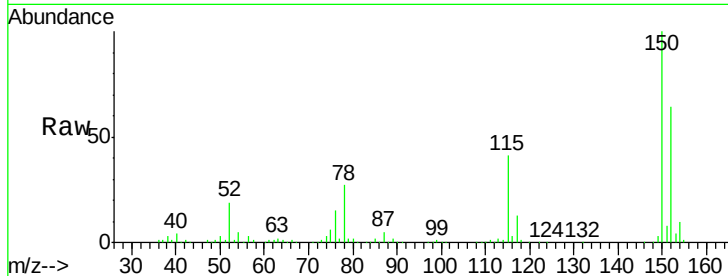
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	64.4	46.6	70.0

Manual Integrations
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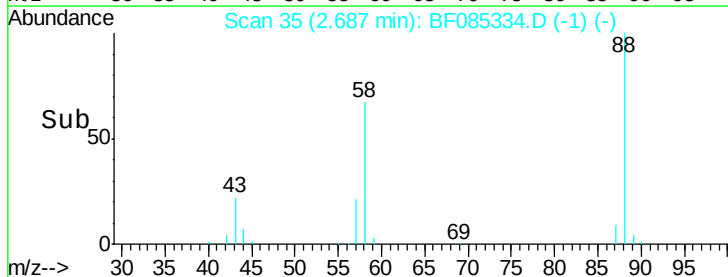
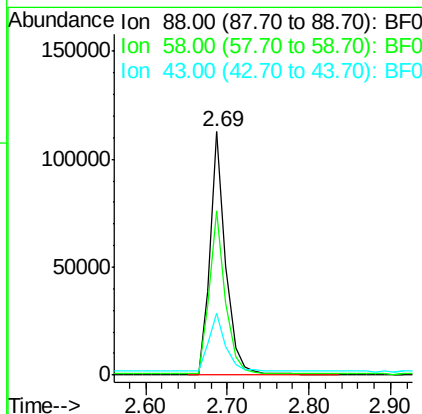
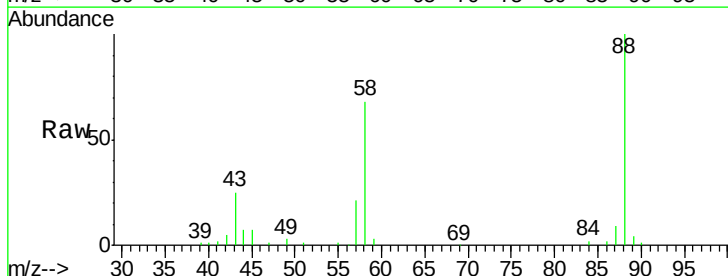
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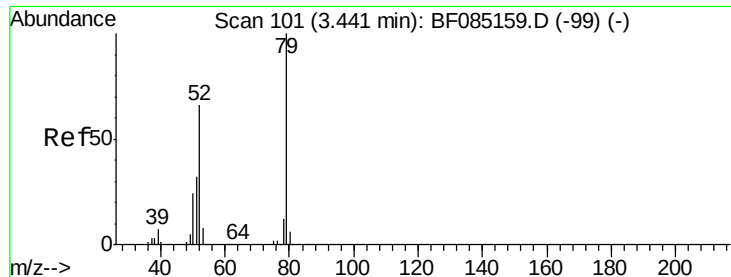


#2

1,4-Dioxane
Concen: 23.65 ng
RT: 2.69 min Scan# 35
Delta R.T. 0.09 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.0	85.6
43	26.5	20.5	30.7





#3

Pyridine

Concen: 25.43 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

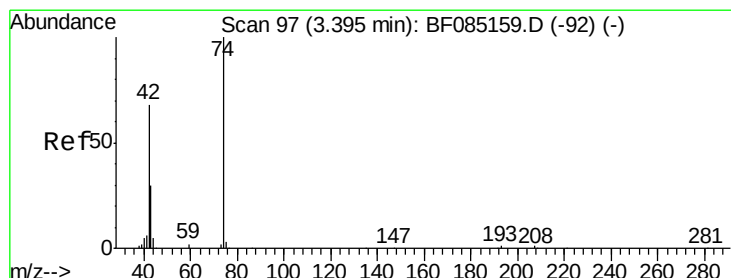
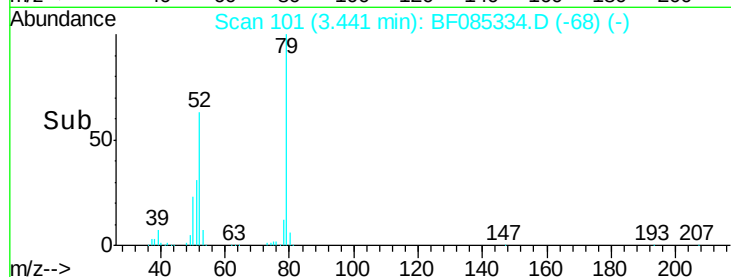
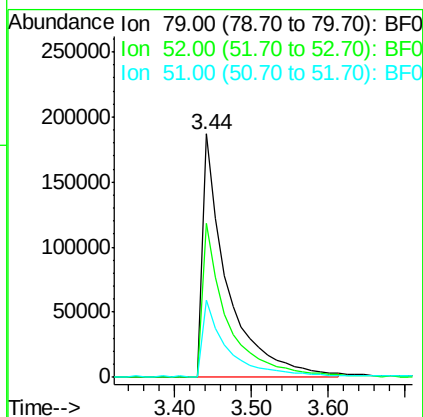
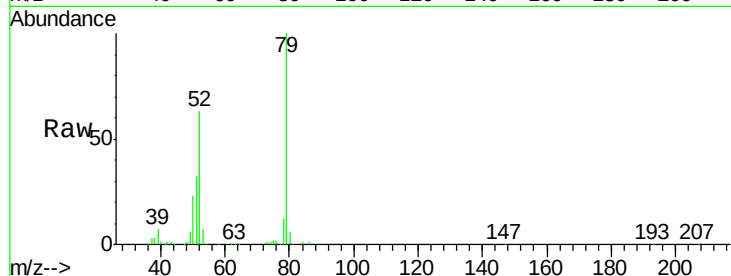
ClientSampleId :

PB88797BS

Tgt Ion:	79	Resp:	414240
Ion	Ratio	Lower	Upper
79	100		
52	63.0	52.6	79.0
51	31.8	25.8	38.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 27.80 ng

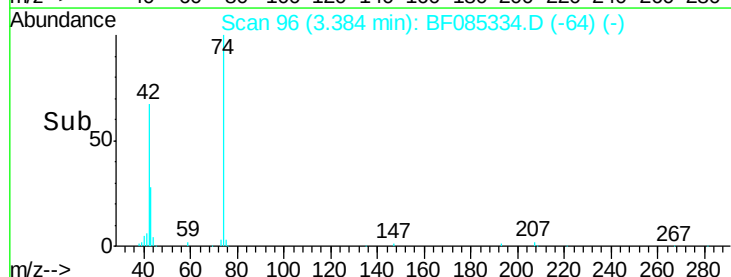
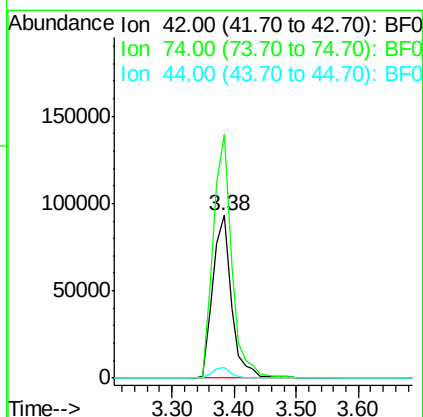
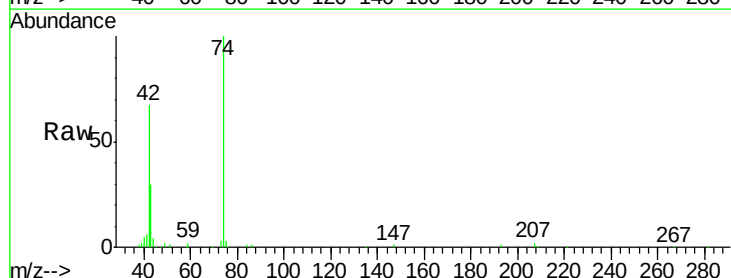
RT: 3.38 min Scan# 96

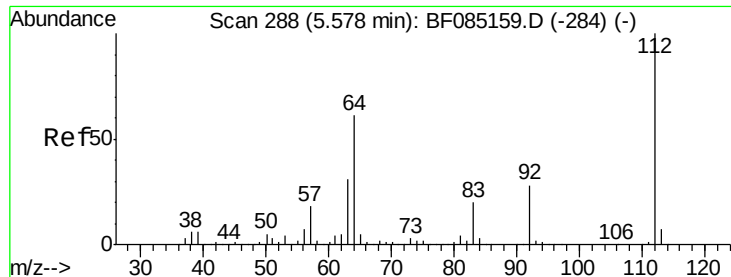
Delta R.T. 0.07 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	42	Resp:	193805
Ion	Ratio	Lower	Upper
42	100		
74	149.7	116.8	175.2
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 90.15 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion: 112 Resp: 1147171
Ion Ratio Lower Upper

112 100

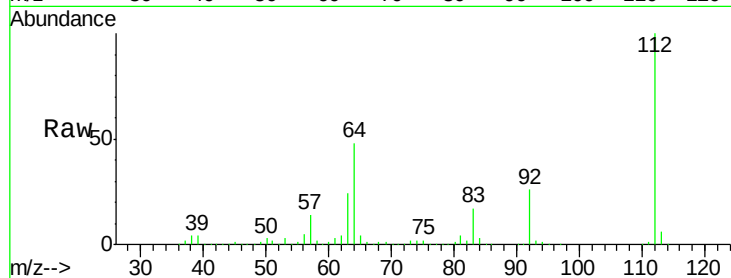
64 48.3 49.0 73.4#

63 24.3 24.8 37.2#

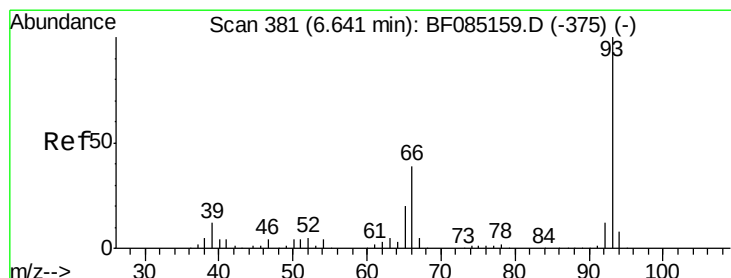
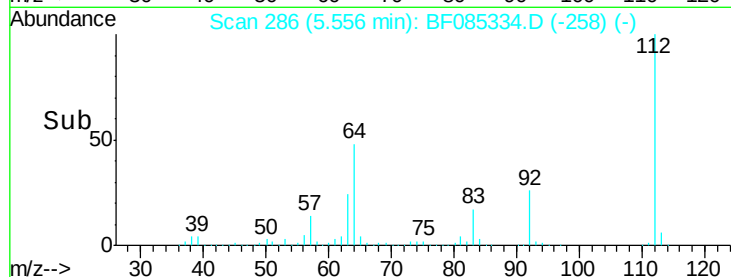
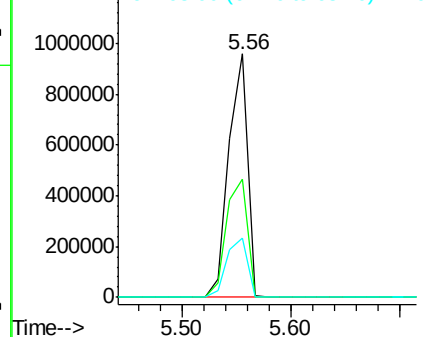
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.94 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085334.D

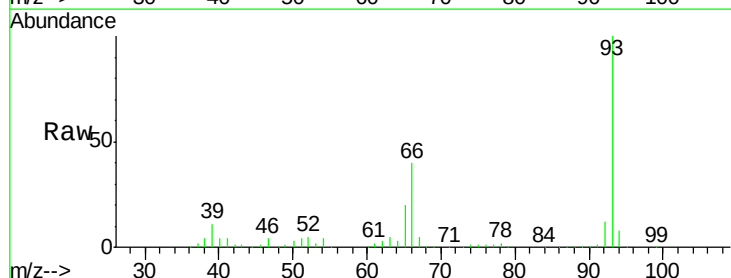
Acq: 10 Mar 2016 15:40

Tgt Ion: 93 Resp: 536023
Ion Ratio Lower Upper

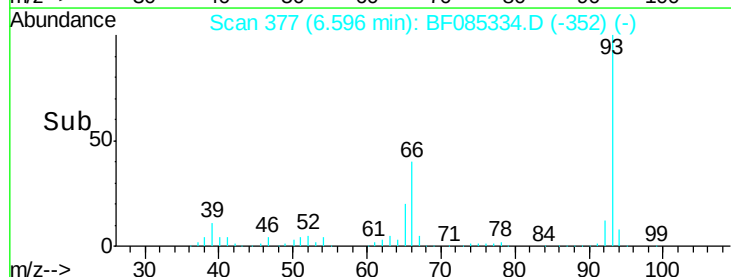
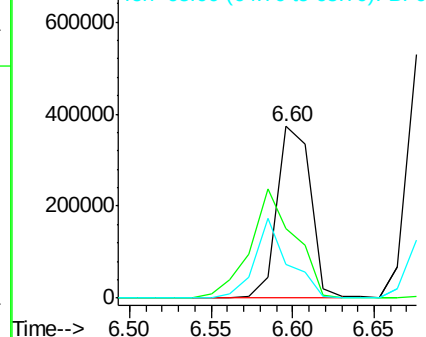
93 100

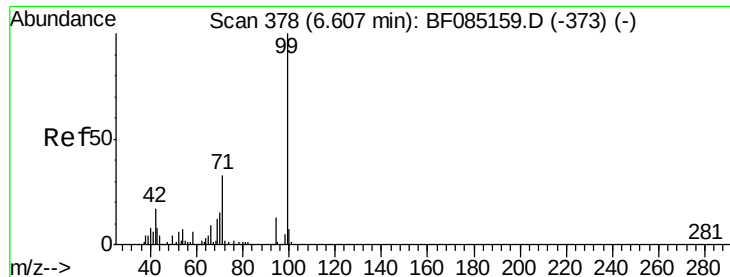
66 40.1 31.6 47.4

65 19.6 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: 84.66 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion: 99 Resp: 1411539

Ion Ratio Lower Upper

99 100

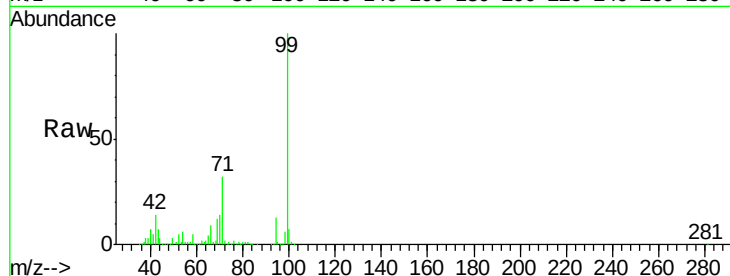
42 14.0 13.6 20.4

71 31.7 26.7 40.1

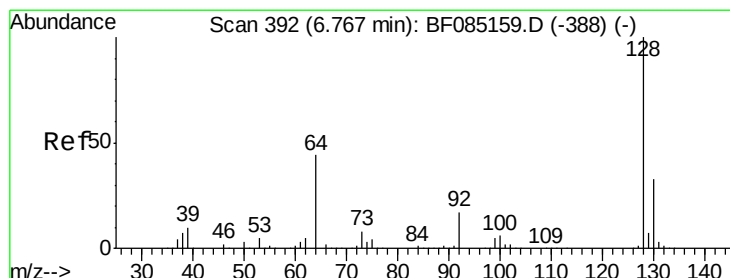
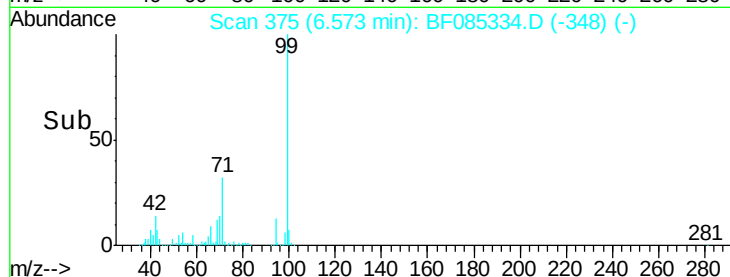
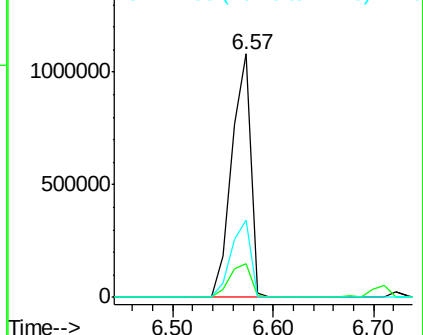
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.65 ng

RT: 6.72 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

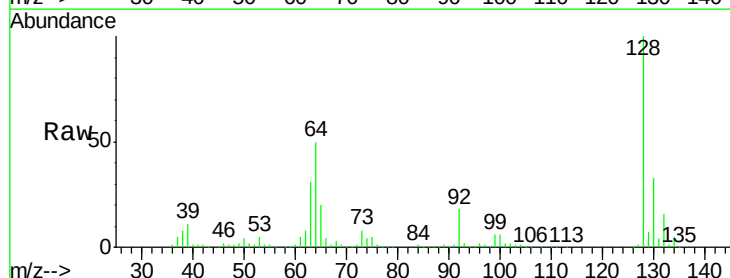
Tgt Ion: 128 Resp: 408359

Ion Ratio Lower Upper

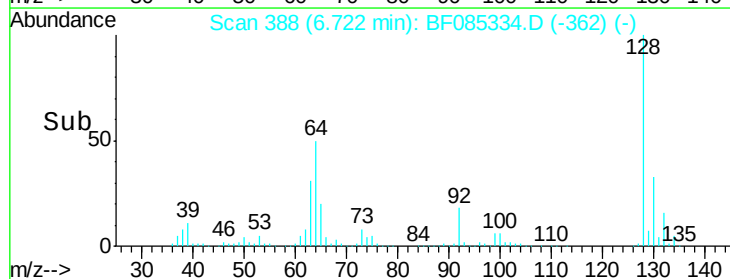
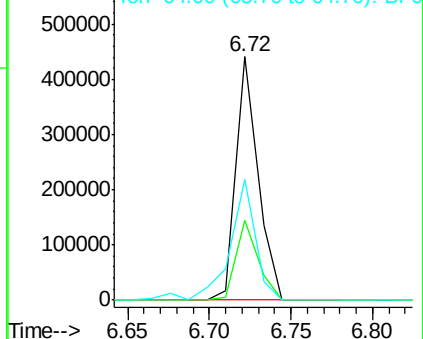
128 100

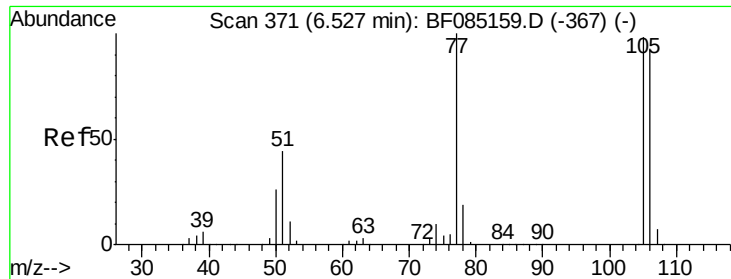
130 32.6 13.3 53.3

64 49.6 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: 9.99 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

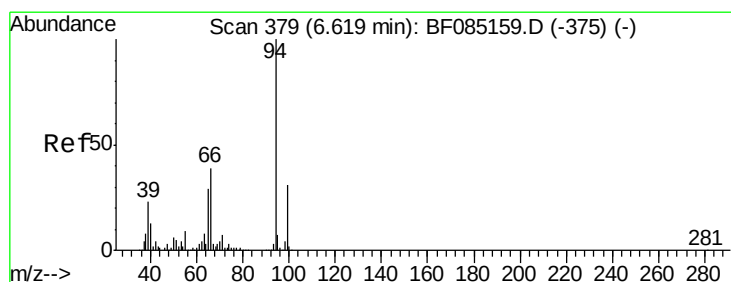
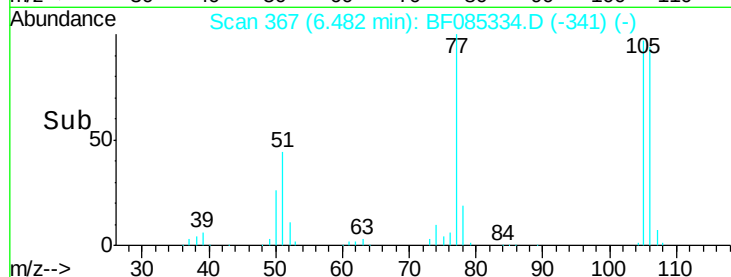
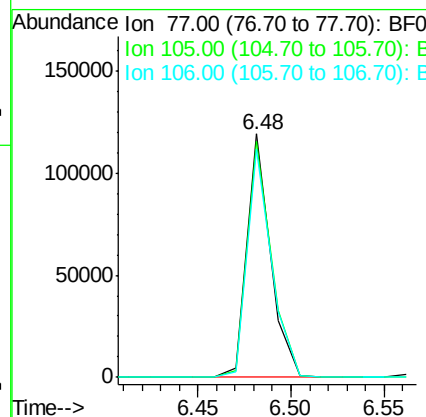
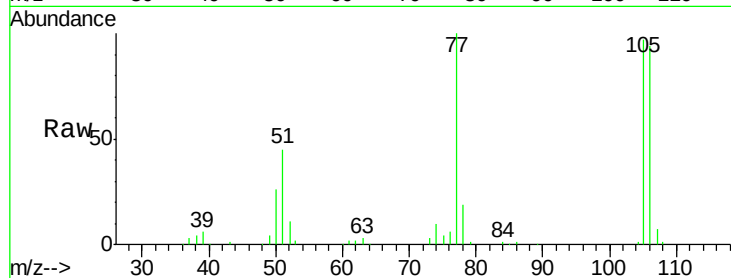
ClientSampleId :

PB88797BS

Tgt Ion:	77	Resp:	104827
Ion Ratio	Lower	Upper	
77	100		
105	96.7	78.2	118.2
106	93.9	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 34.80 ng

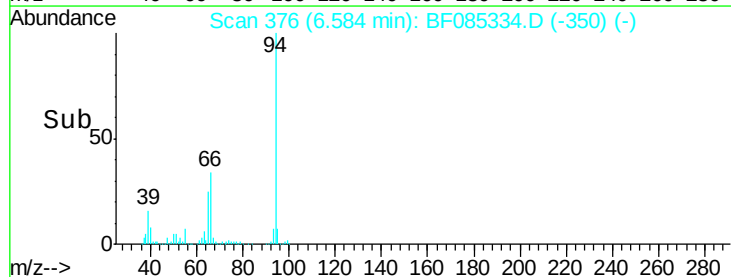
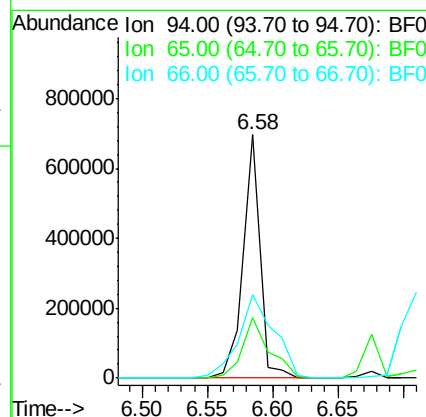
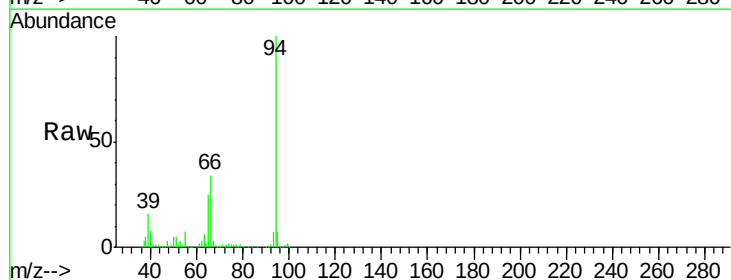
RT: 6.58 min Scan# 376

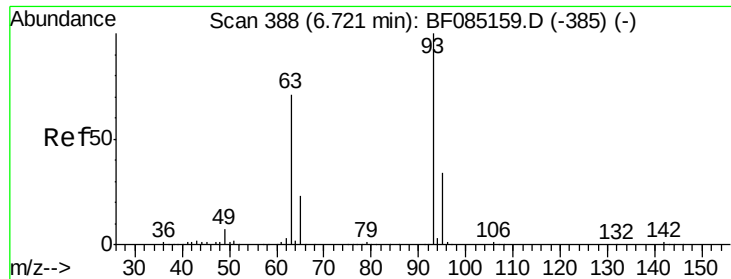
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	94	Resp:	621459
Ion Ratio	Lower	Upper	
94	100		
65	25.1	9.1	49.1
66	34.1	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 28.18 ng

RT: 6.68 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

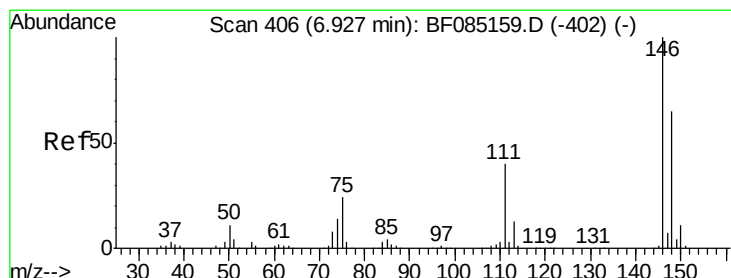
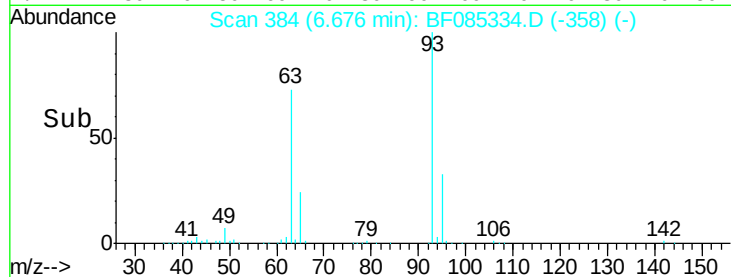
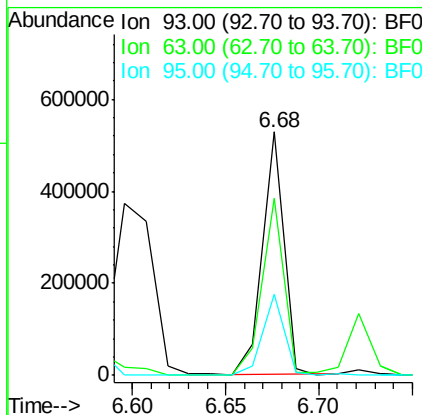
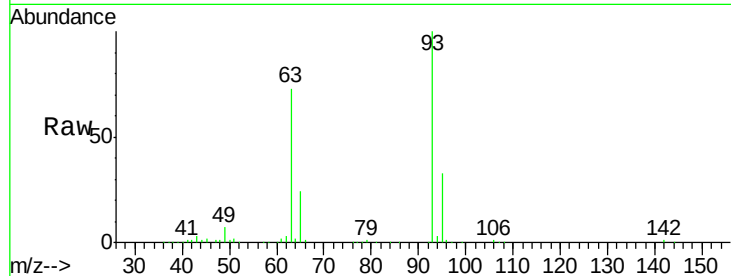
PB88797BS

Tgt Ion: 93 Resp: 418009

Ion	Ratio	Lower	Upper
93	100		
63	72.5	50.9	90.9
95	33.2	13.7	53.7

Manual Integrations
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Sohil
3/11/2016 4:58:16 PM



#12

1,3-Dichlorobenzene

Concen: 27.71 ng

RT: 6.88 min Scan# 402

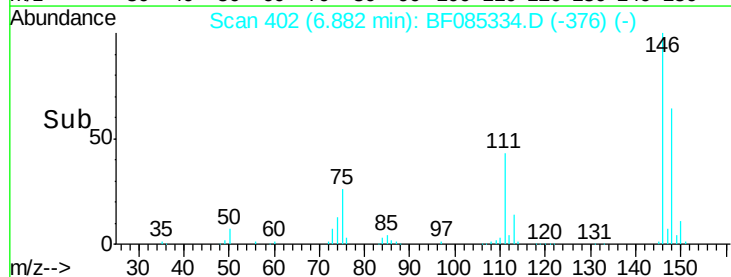
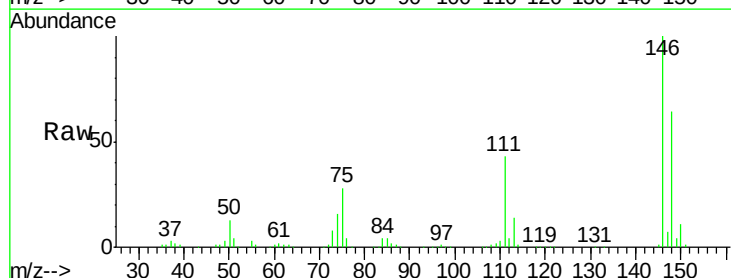
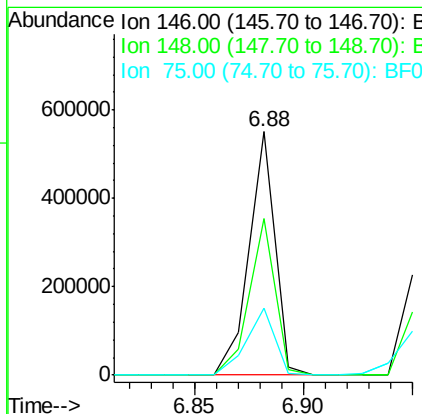
Delta R.T. 0.00 min

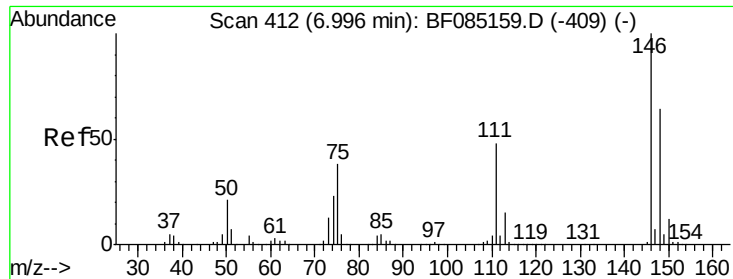
Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion: 146 Resp: 455742

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	27.7	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 26.75 ng m

RT: 6.96 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

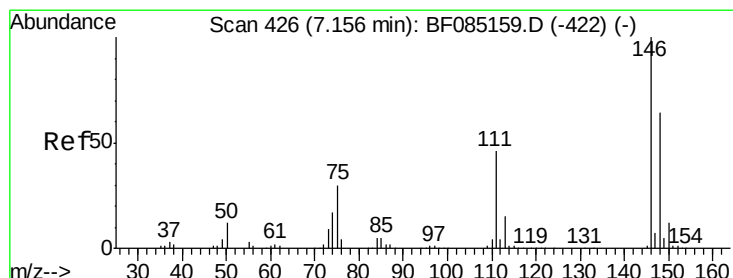
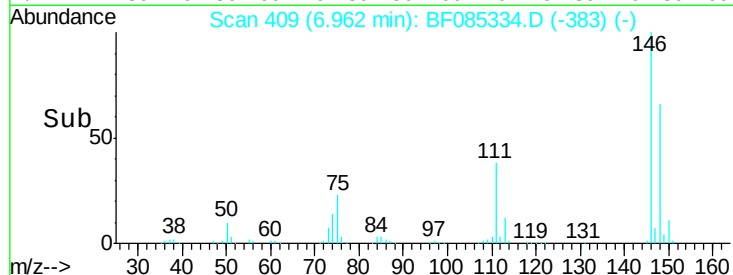
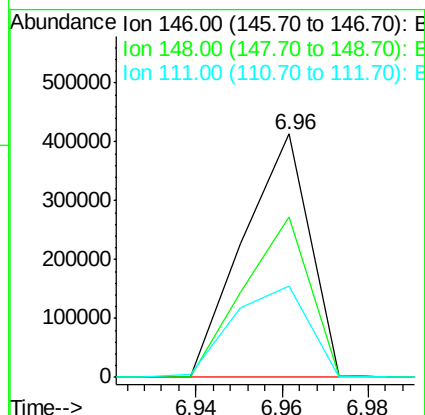
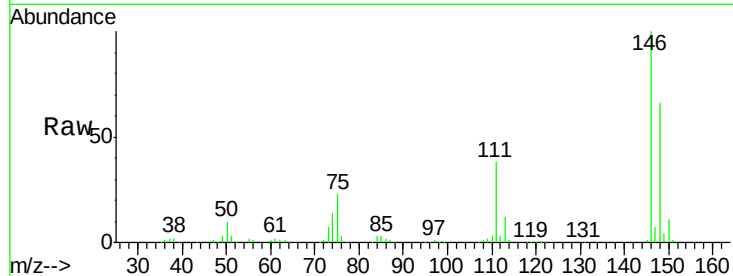
ClientSampled :

PB88797BS

Tgt Ion:	146	Resp:	440902
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.3	76.9
111	37.5	38.4	57.6#

Manual Integrations
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Sohil
3/11/2016 4:58:16 PM



#14

1,2-Dichlorobenzene

Concen: 29.74 ng

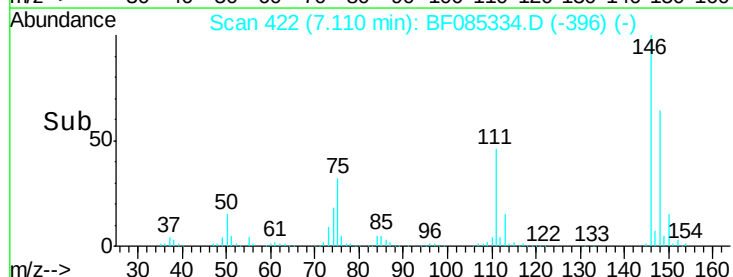
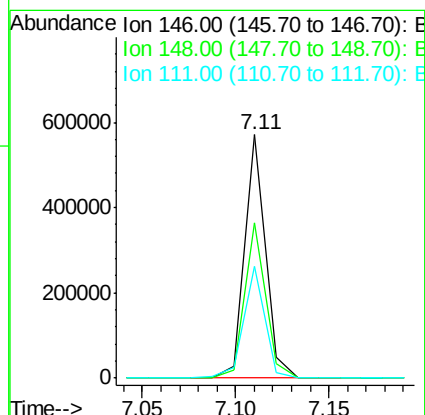
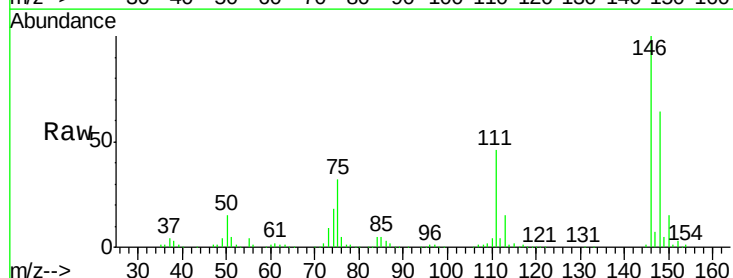
RT: 7.11 min Scan# 422

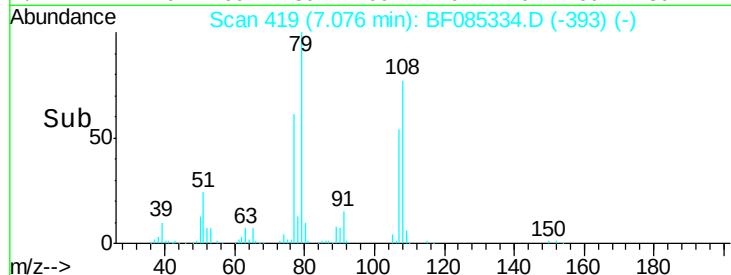
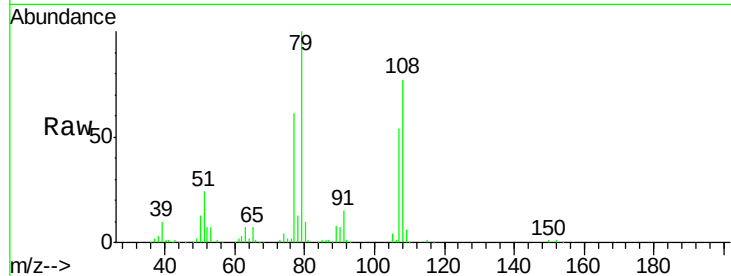
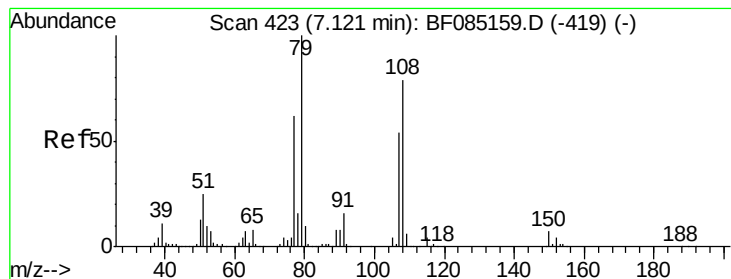
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	146	Resp:	444883
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.2
111	46.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 28.75 ng

RT: 7.08 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	79	Resp:	351848
Ion	Ratio	Lower	Upper
79	100		
108	77.2	62.9	94.3
77	61.5	49.5	74.3

Instrument :

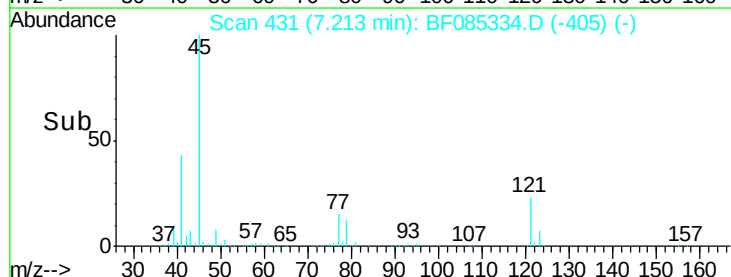
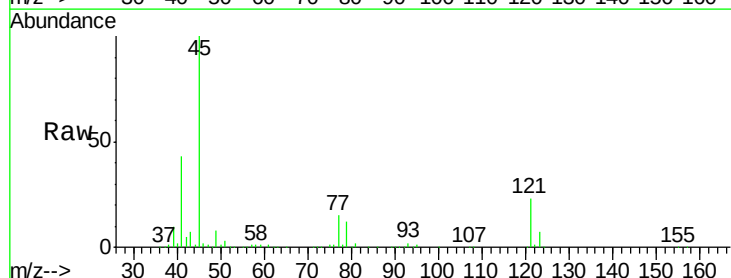
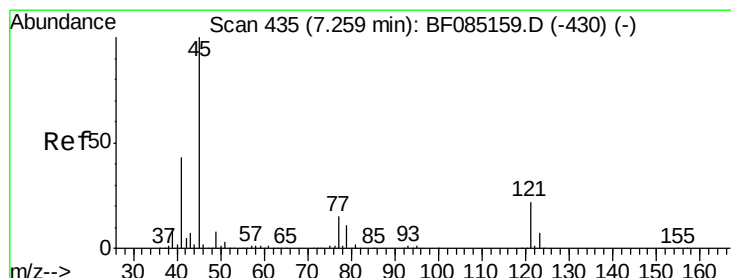
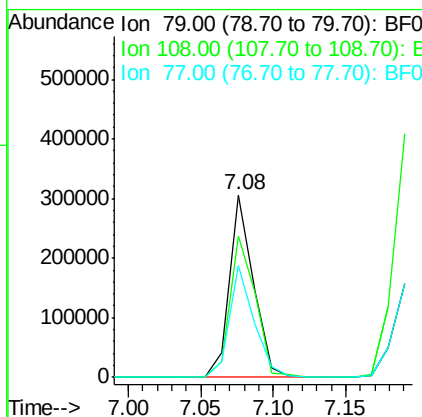
BNA_F

ClientSampled :

PB88797BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.63 ng

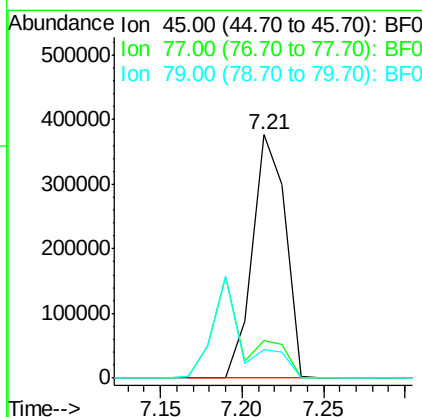
RT: 7.21 min Scan# 431

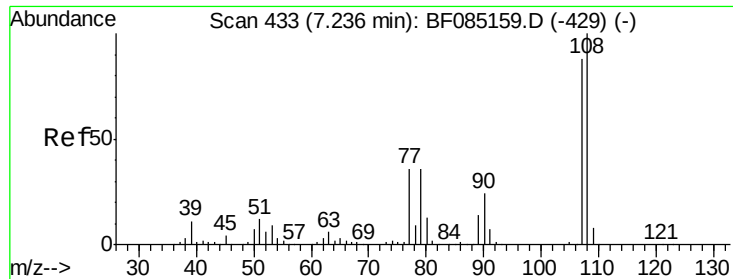
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	45	Resp:	526546
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.1
79	11.6	0.0	31.3





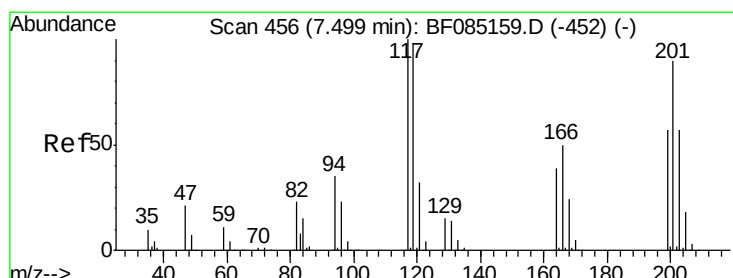
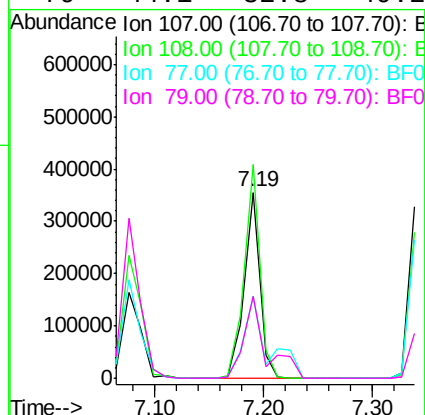
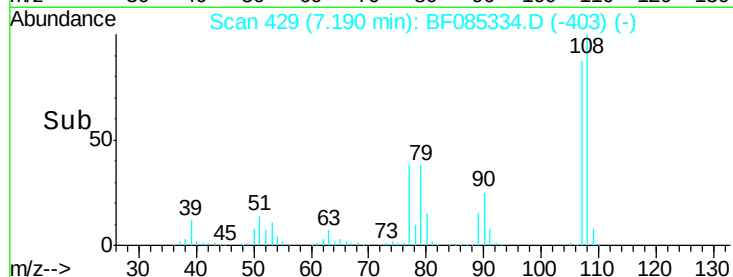
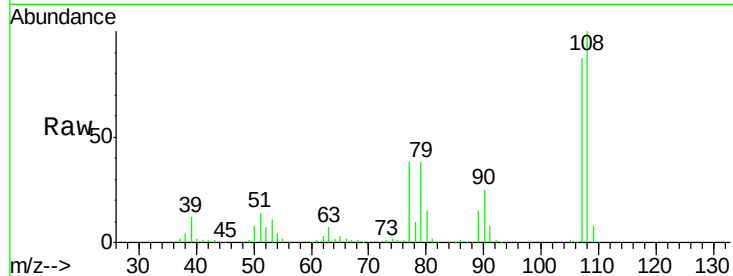
#17
2-Methylphenol
Concen: 28.03 ng
RT: 7.19 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion:	107	Resp:	350450
Ion Ratio	Lower	Upper	
107	100		
108	114.9	90.9	136.3
77	44.2	32.6	48.8
79	44.1	32.8	49.2

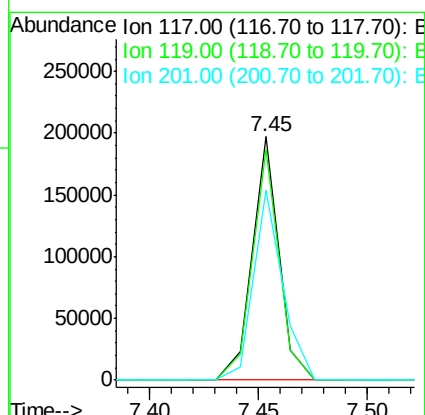
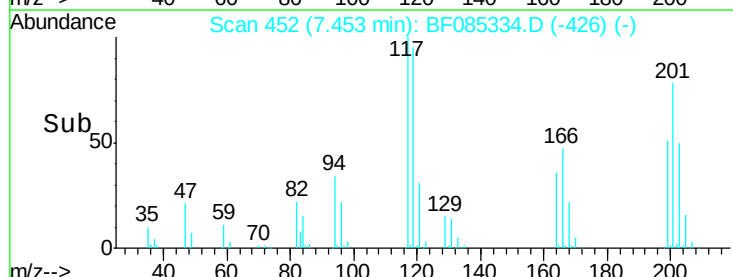
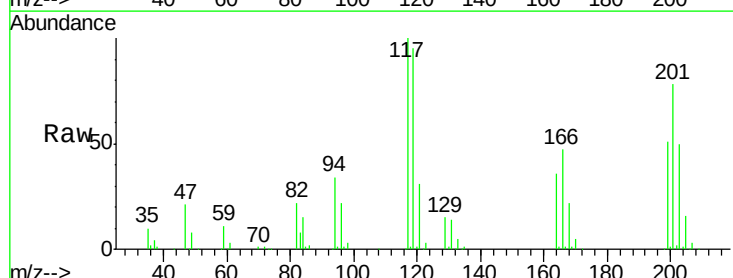
Manual Integrations
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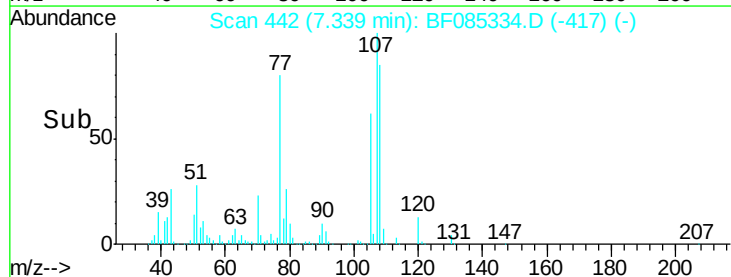
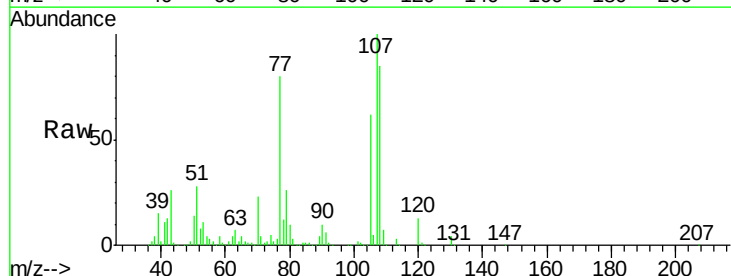
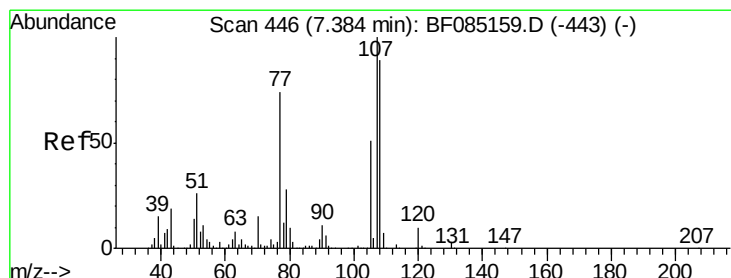
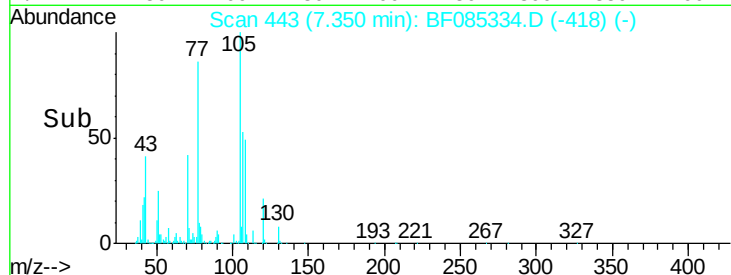
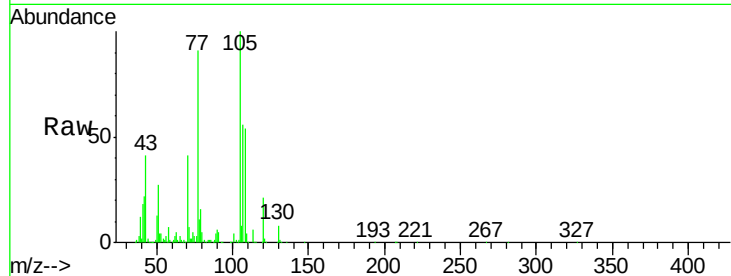
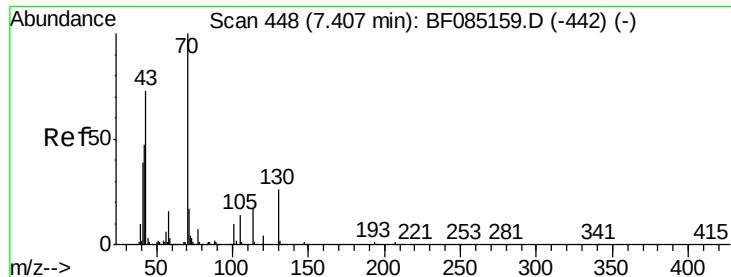
Sohil
3/11/2016 4:58:16 PM



#18
Hexachloroethane
Concen: 27.52 ng
RT: 7.45 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion:	117	Resp:	167338
Ion Ratio	Lower	Upper	
117	100		
119	94.5	78.2	117.4
201	77.8	72.0	108.0





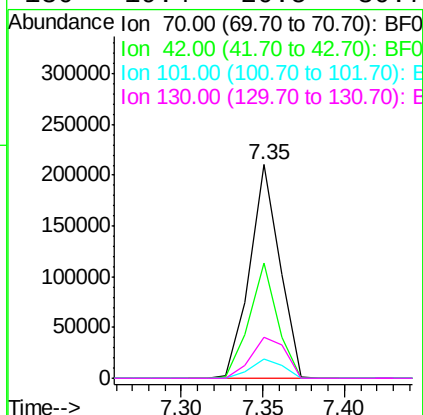
#19
n-Nitroso-di-n-propylamine
Concen: 24.58 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	37.7	56.5
101	9.2	8.2	12.4
130	19.4	20.5	30.7#

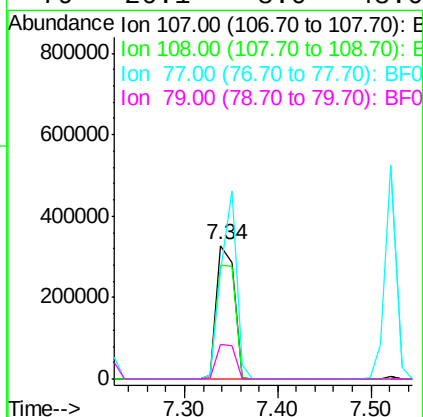
Manual Integrations
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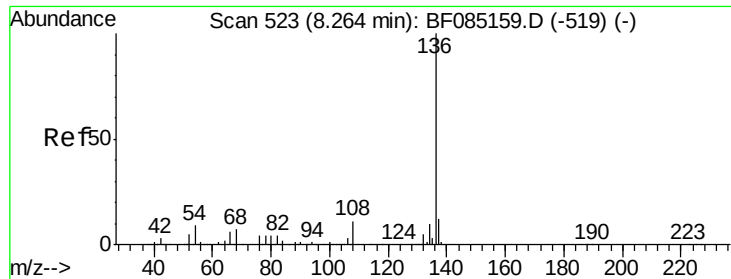
Sohil
3/11/2016 4:58:16 PM



#20
3+4-Methylphenols
Concen: 29.34 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.8	108.8
77	80.3	53.6	93.6
79	26.1	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: BF085334.D

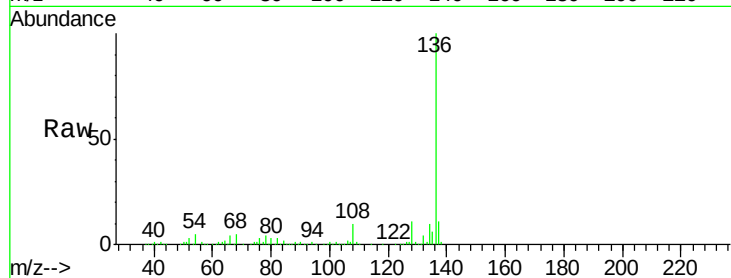
Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt Ion:136 Resp: 873067

Ion Ratio Lower Upper

136 100

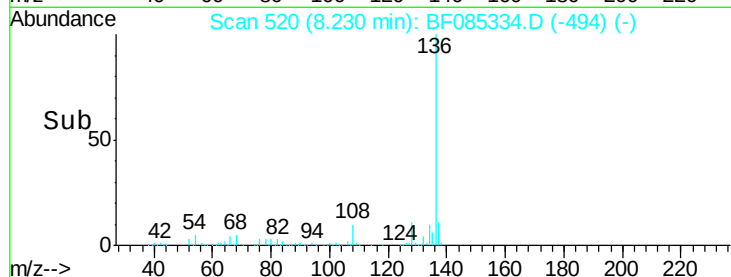
137 10.9 9.3 13.9

54 5.3 7.4 11.2#

68 4.7 6.0 9.0#

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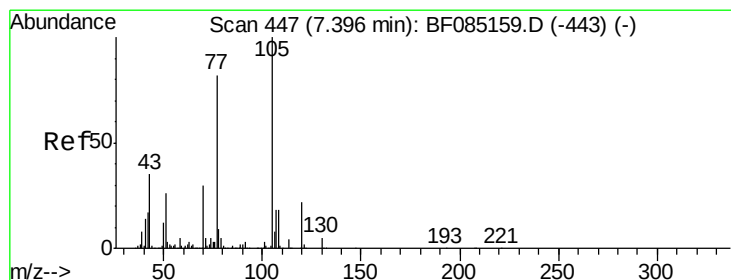
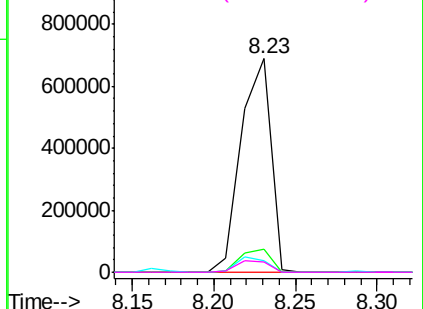


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 25.09 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:105 Resp: 534683

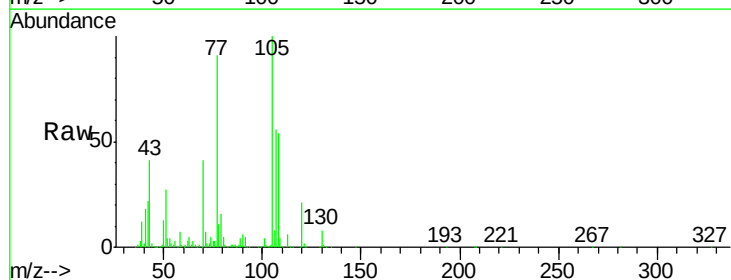
Ion Ratio Lower Upper

105 100

71 7.1 4.1 6.1#

51 27.2 21.1 31.7

120 21.2 17.3 25.9

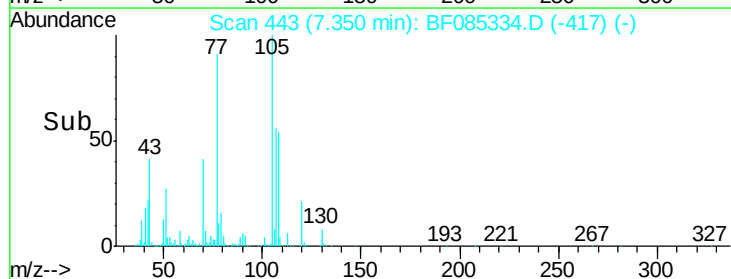
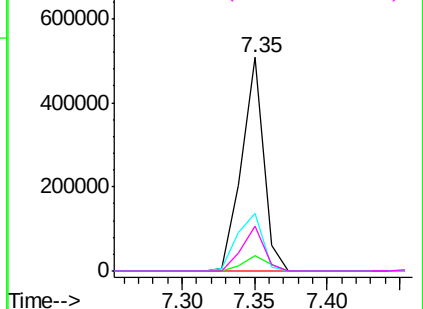


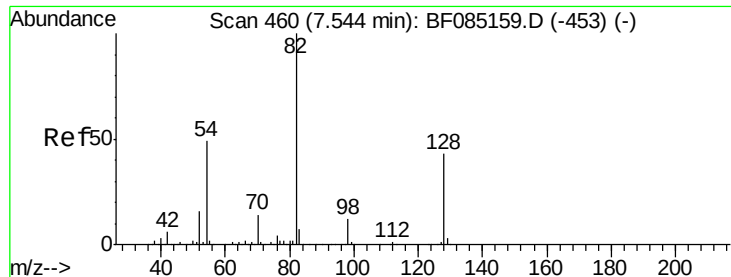
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





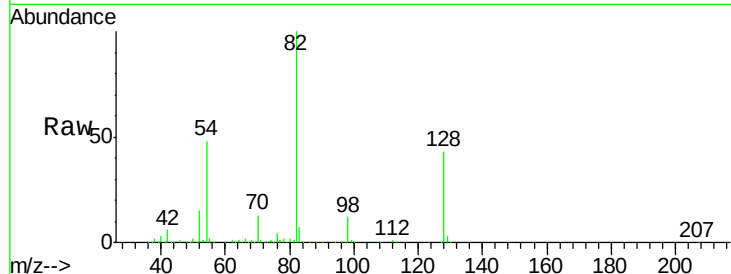
#23
 Nitrobenzene-d5
 Concen: 56.24 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

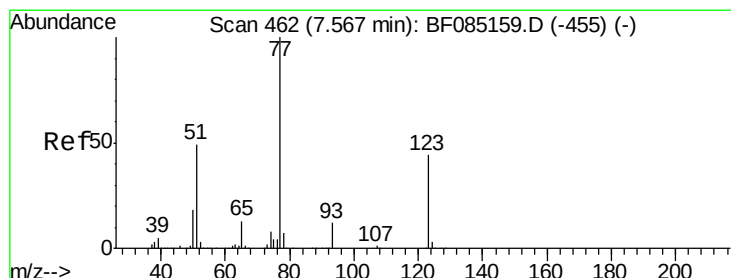
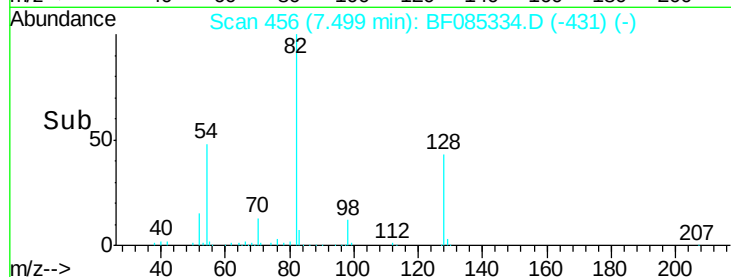
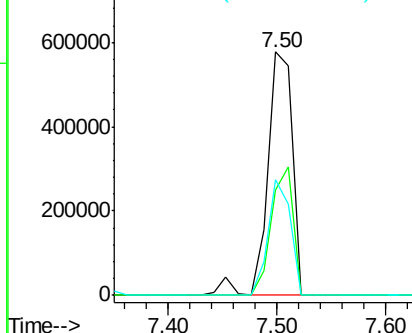
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.5	51.7
54	47.6	39.3	58.9

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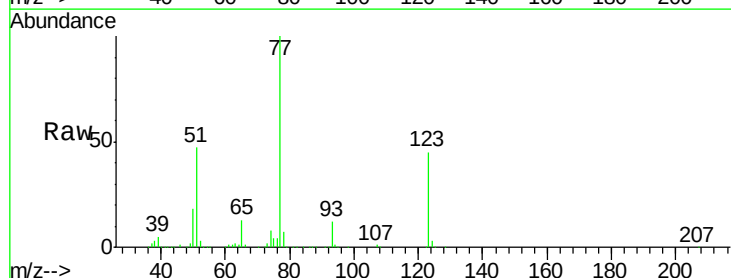


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

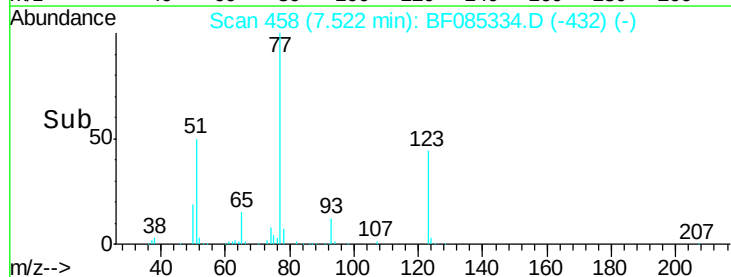
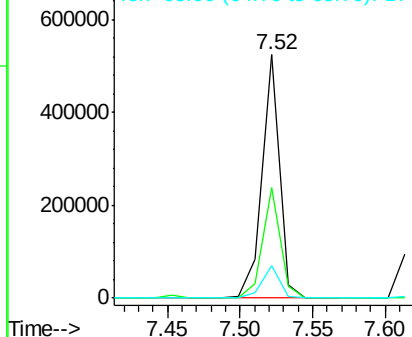


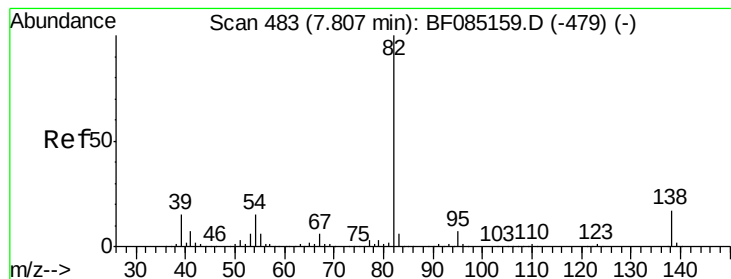
#24
 Nitrobenzene
 Concen: 26.62 ng
 RT: 7.52 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.4	53.2
65	13.3	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.44 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085334.D

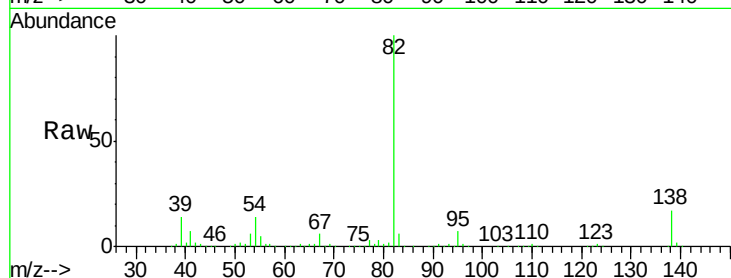
Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

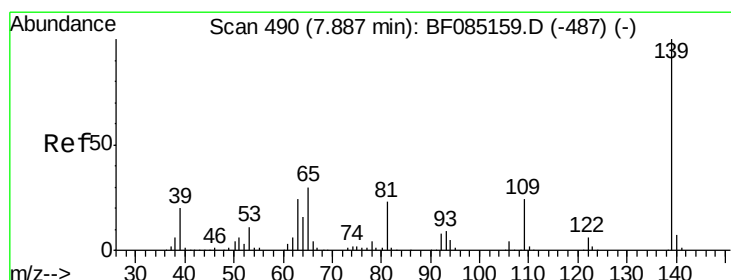
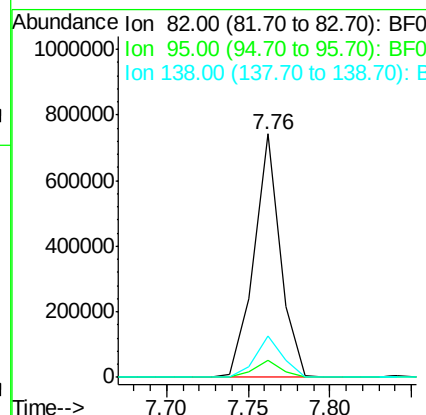
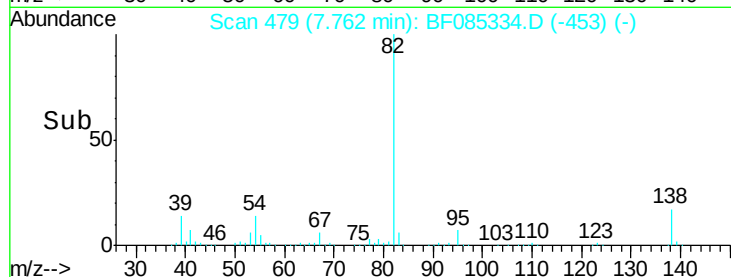
PB88797BS



Tgt Ion	82	95	138
Ratio	100	7.0	17.1
Resp	829558	5.4	13.3
Lower			
Upper		8.2	19.9

Manual Integrations
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3/11/2016 4:58:16 PM



#26

2-Nitrophenol

Concen: 30.62 ng

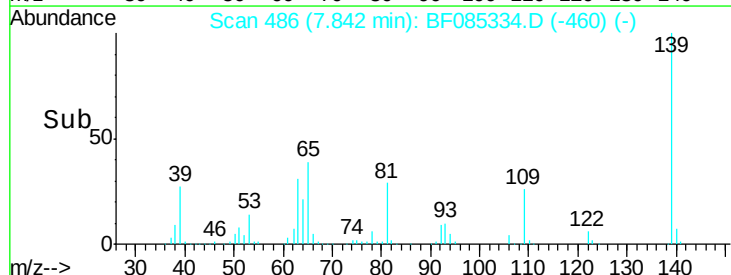
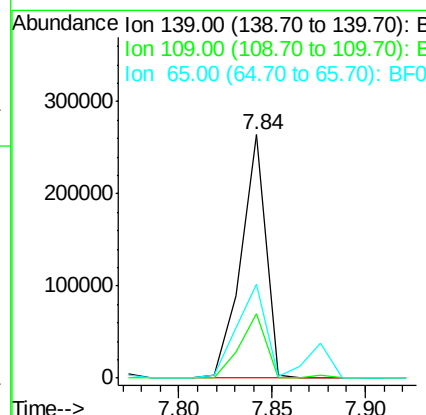
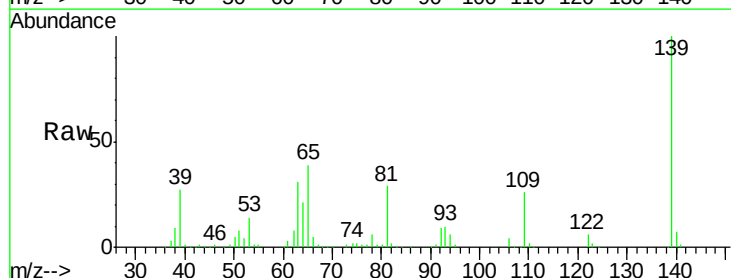
RT: 7.84 min Scan# 486

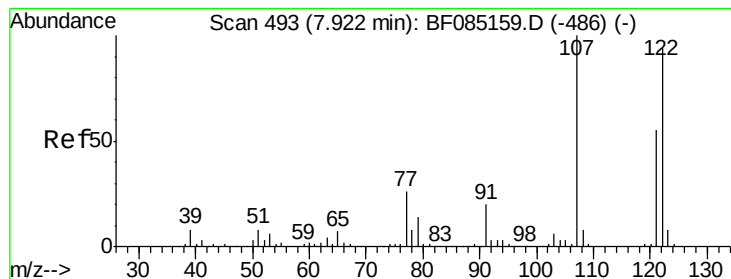
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion	139	109	65
Ratio	100	26.5	38.7
Resp	246941	19.1	23.9
Lower			
Upper		28.7	35.9#





#27

2,4-Dimethylphenol

Concen: 28.81 ng

RT: 7.88 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

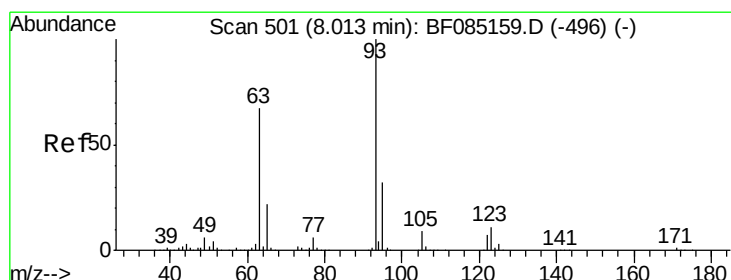
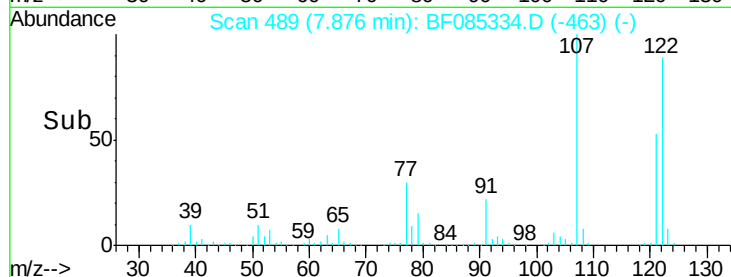
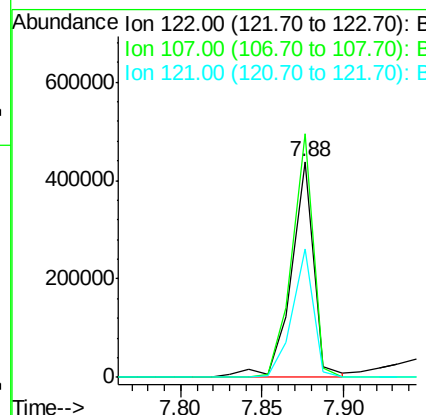
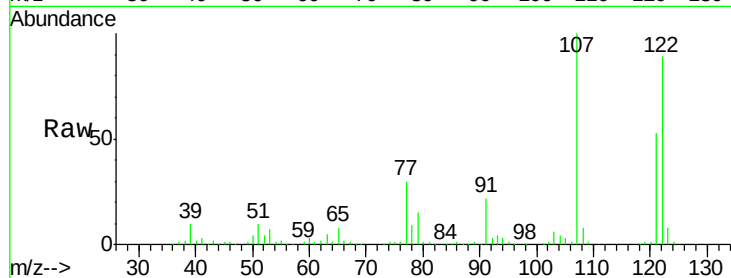
ClientSampleId :

PB88797BS

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Tgt Ion:	122	Resp:	424656
Ion Ratio	Lower	Upper	
122	100		
107	112.9	84.8	127.2
121	59.3	47.0	70.6



#28

bis(2-Chloroethoxy)methane

Concen: 29.20 ng

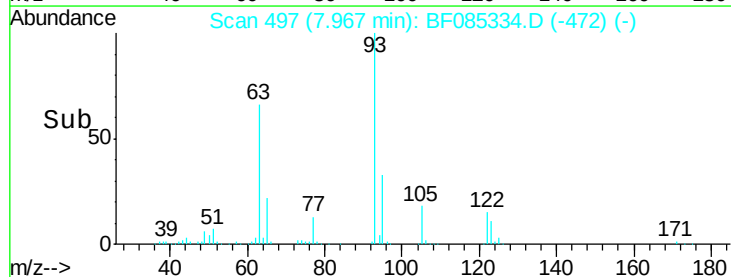
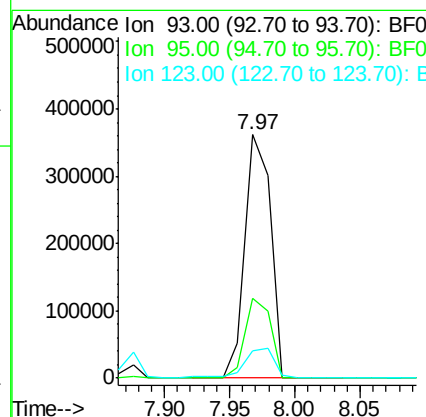
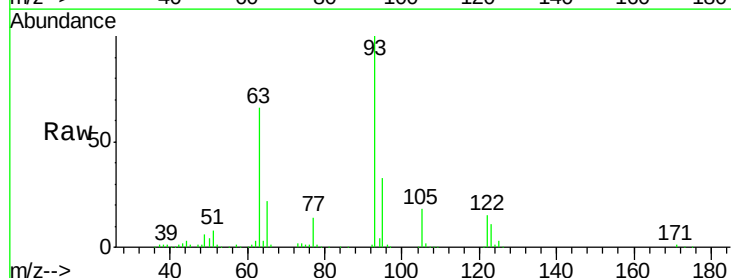
RT: 7.97 min Scan# 497

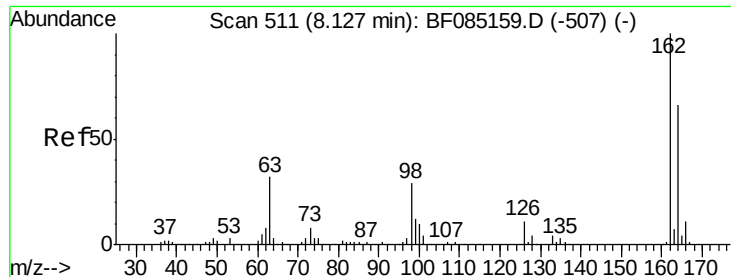
Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	93	Resp:	491671
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.9	38.9
123	11.3	8.8	13.2





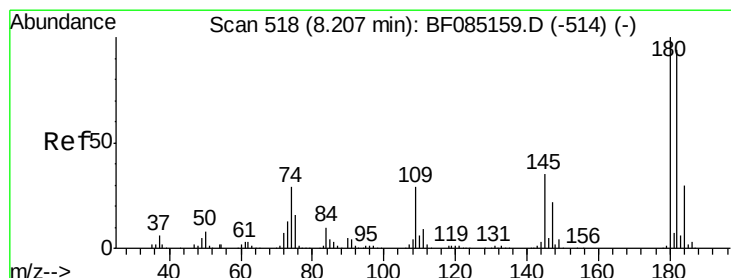
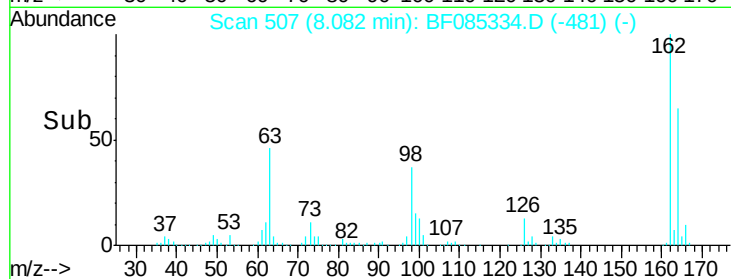
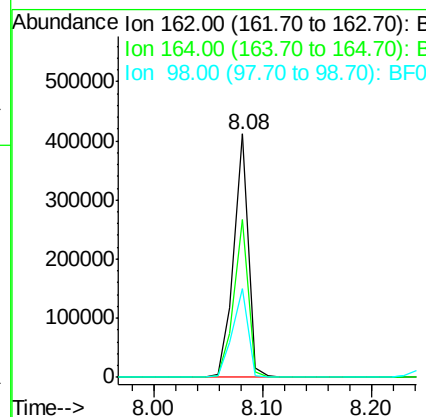
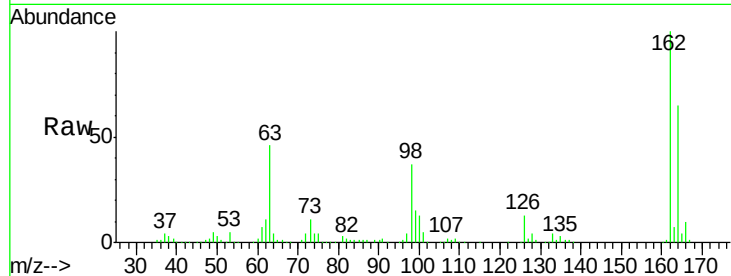
#29
 2,4-Dichlorophenol
 Concen: 32.03 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampled :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	380748		
164	64.8	45.7	85.7	
98	36.7	9.4	49.4	

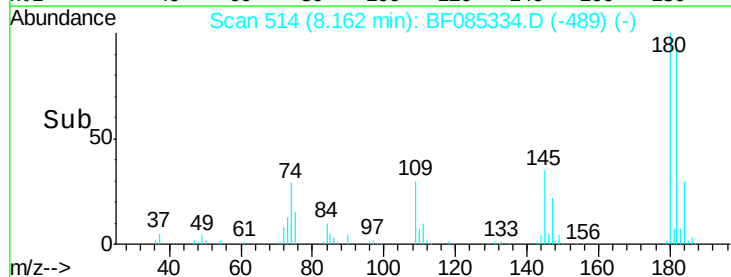
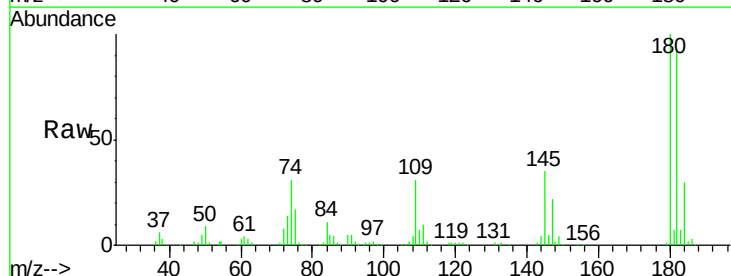
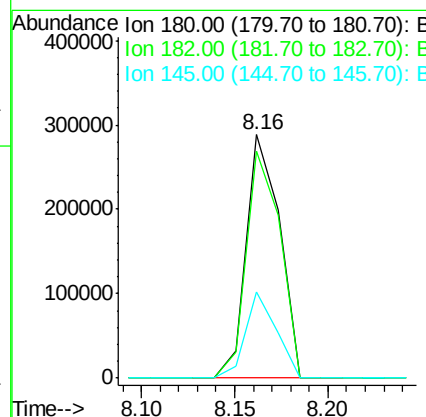
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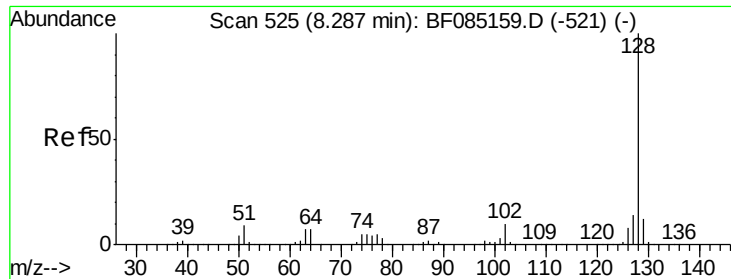
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#30
 1,2,4-Trichlorobenzene
 Concen: 27.83 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357634		
182	93.3	74.9	112.3	
145	35.4	27.9	41.9	





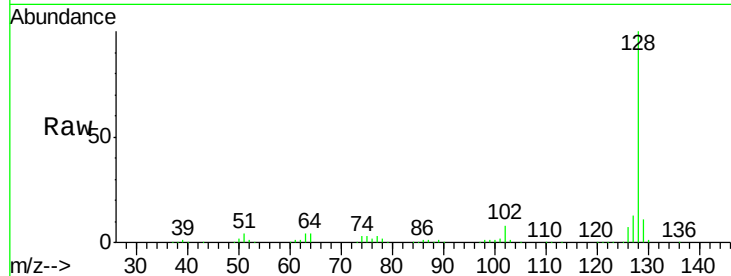
#31
Naphthalene
Concen: 27.88 ng
RT: 8.25 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

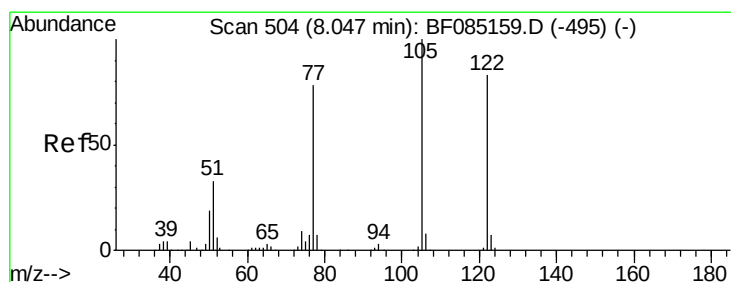
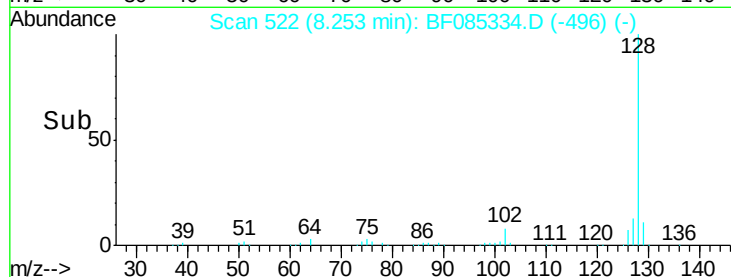
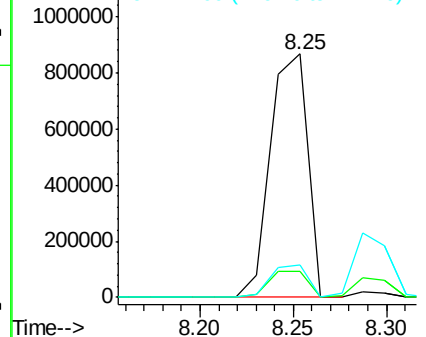
Tgt Ion:128 Resp: 1197072
Ion Ratio Lower Upper
128 100
129 10.9 9.7 14.5
127 13.3 11.2 16.8

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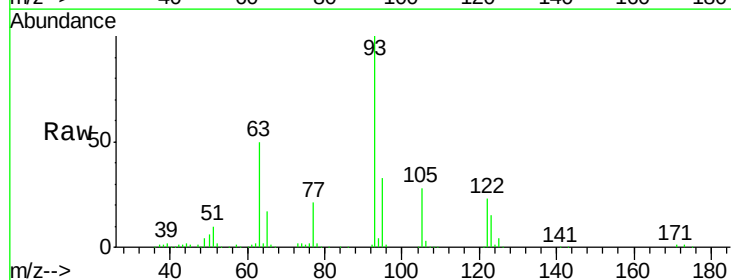


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

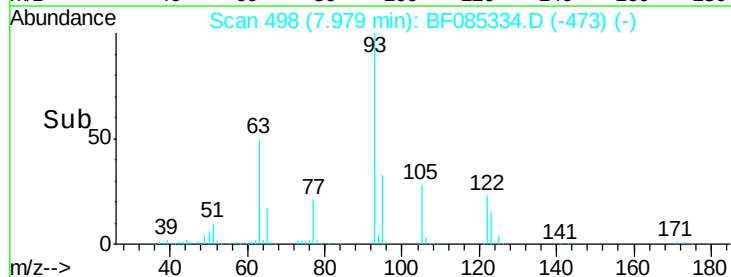
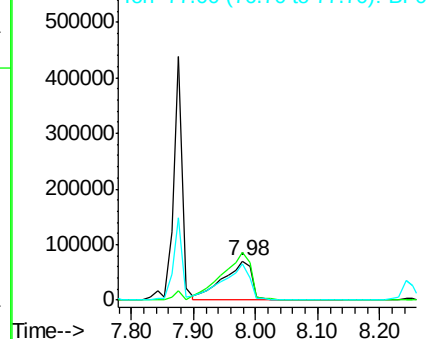


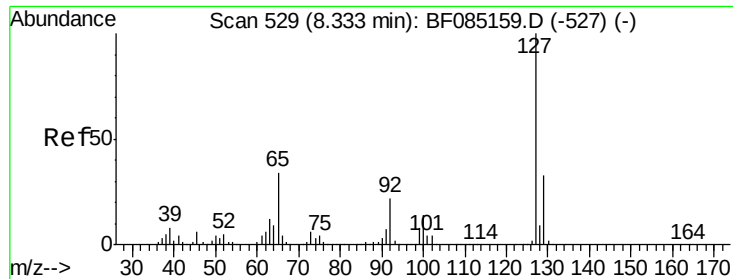
#32
Benzoic acid
Concen: 23.62 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion:122 Resp: 231292
Ion Ratio Lower Upper
122 100
105 120.2 101.3 141.3
77 91.5 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





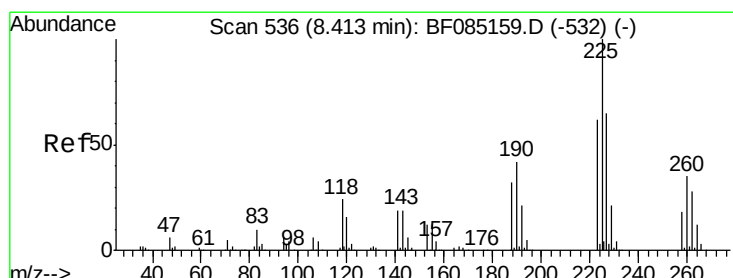
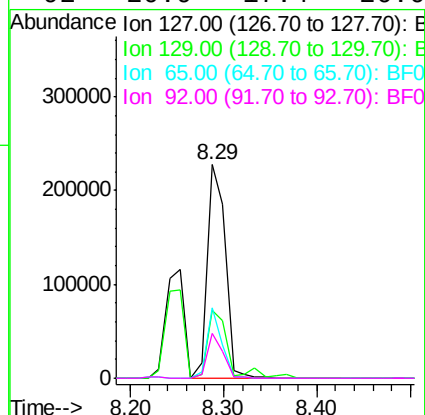
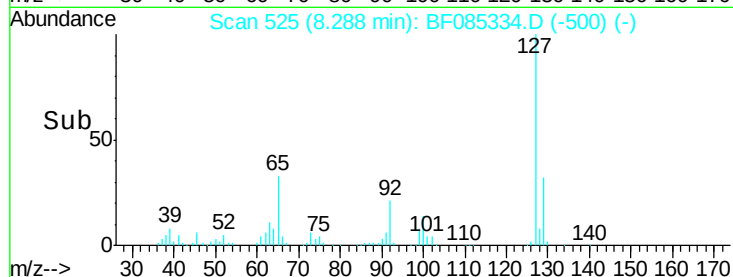
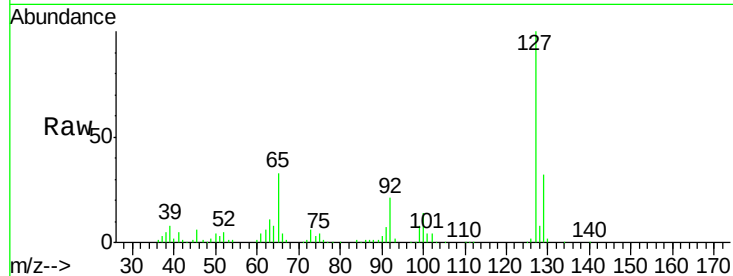
#33
4-Chloroaniline
Concen: 17.62 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	306031		
129	31.6	26.1	39.1	
65	33.3	27.0	40.6	
92	20.9	17.4	26.0	

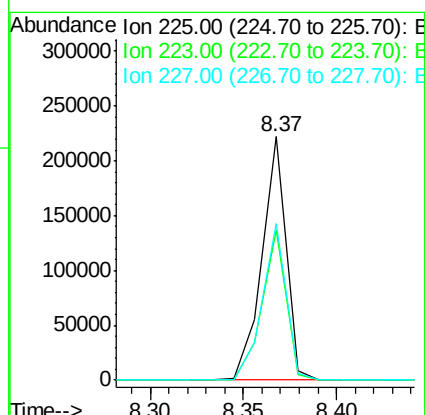
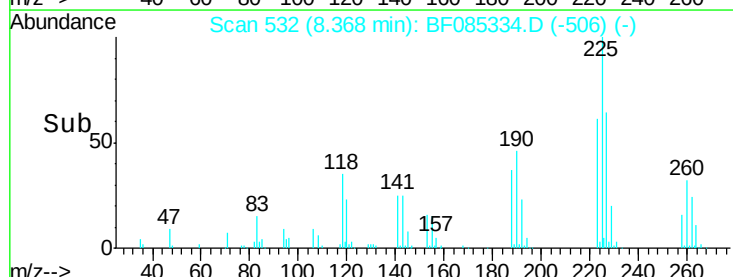
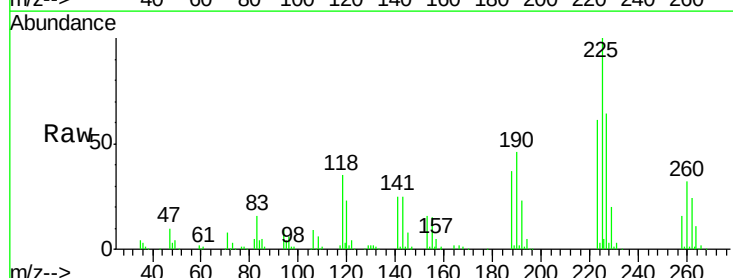
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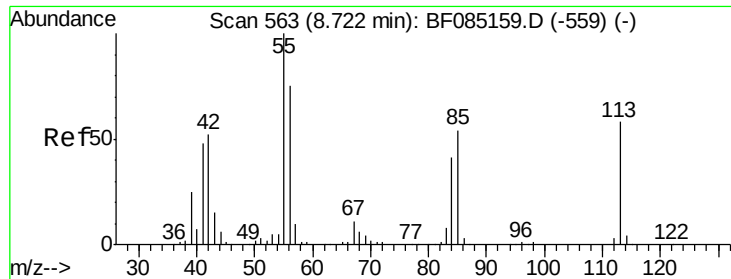
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#34
Hexachlorobutadiene
Concen: 29.52 ng
RT: 8.37 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197423		
223	61.4	49.7	74.5	
227	64.2	52.2	78.4	





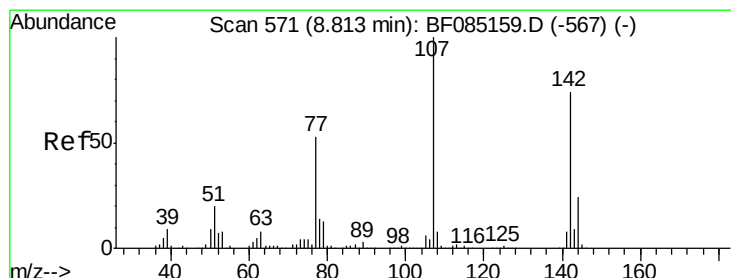
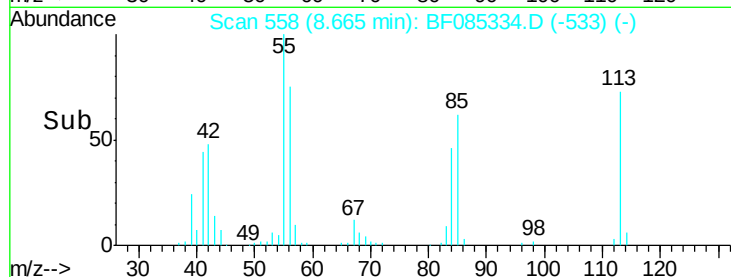
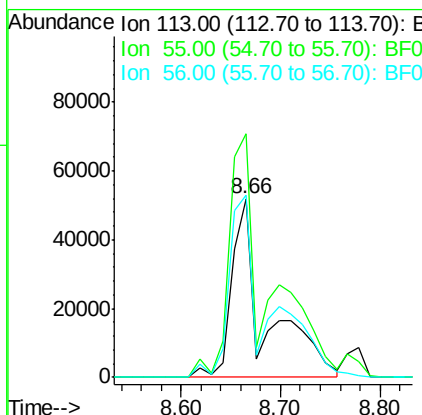
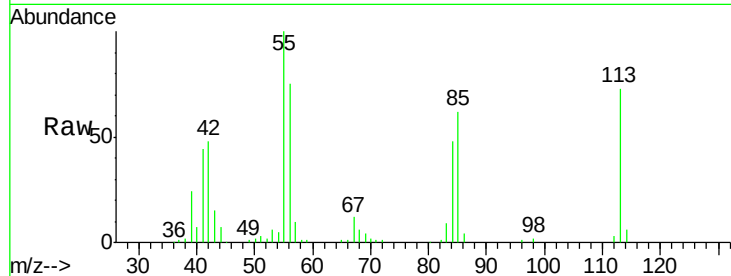
#35
 Caprolactam
 Concen: 31.63 ng m
 RT: 8.66 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122791		
55	136.2	152.7	192.7#	
56	102.1	109.0	149.0#	

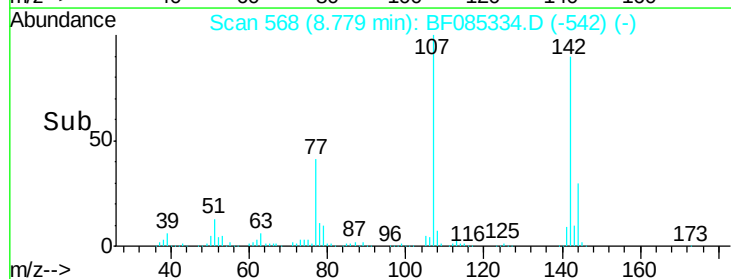
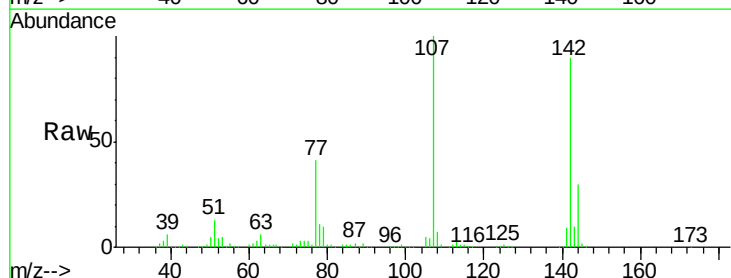
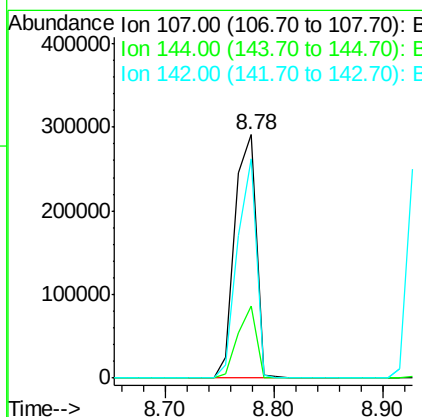
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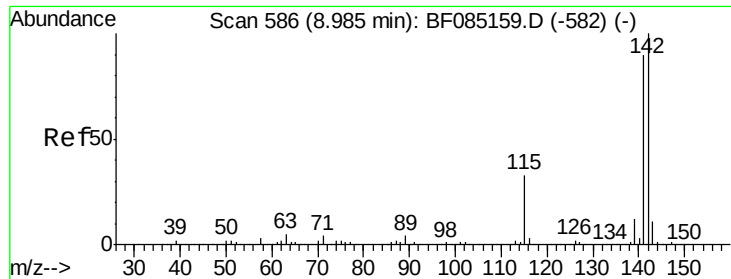
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#36
 4-Chloro-3-methylphenol
 Concen: 28.97 ng
 RT: 8.78 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	390674		
144	29.6	19.4	29.2#	
142	90.2	59.4	89.2#	





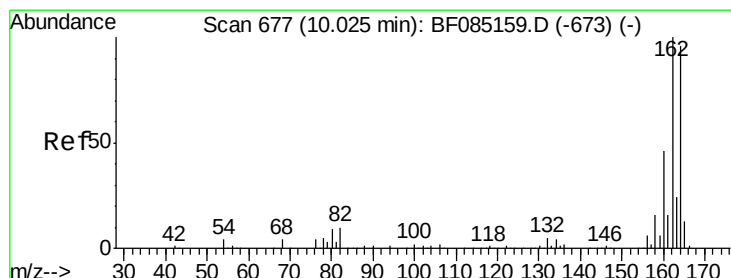
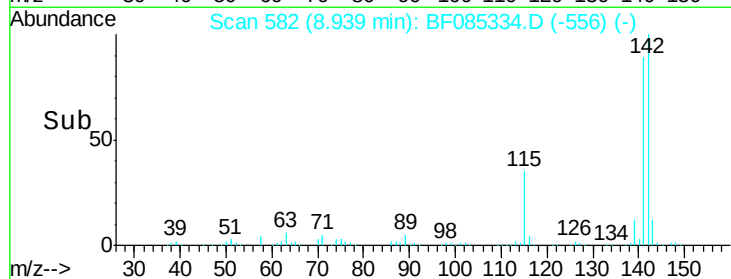
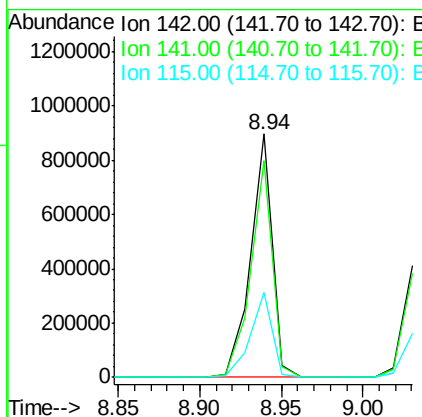
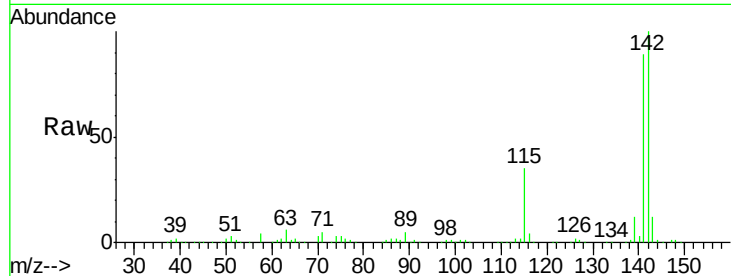
#37
2-Methylnaphthalene
Concen: 29.90 ng
RT: 8.94 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	823851		
141	89.0	71.7	107.5	
115	34.9	26.2	39.4	

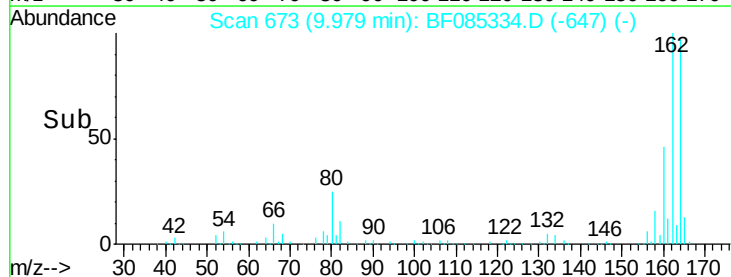
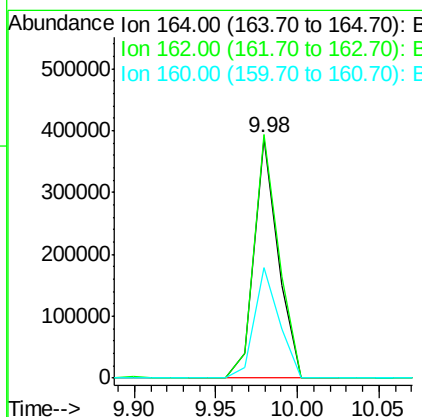
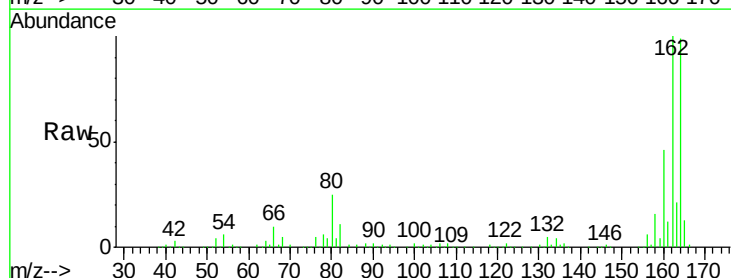
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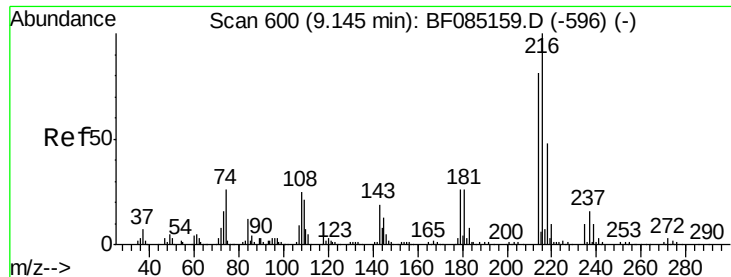
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	397923		
162	101.4	83.3	124.9	
160	46.2	37.9	56.9	





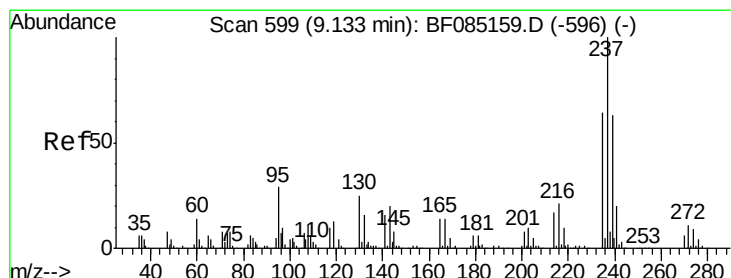
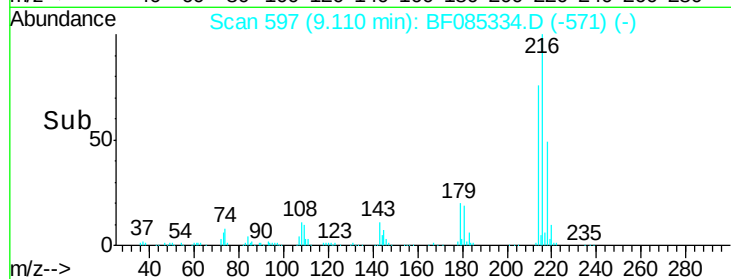
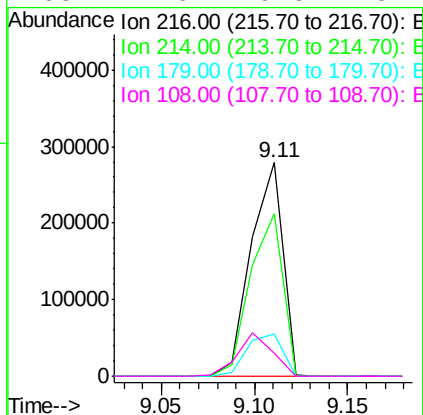
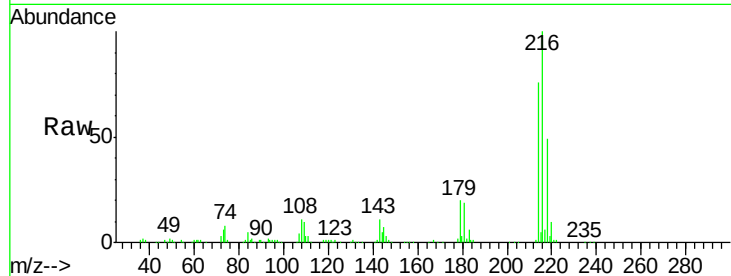
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.97 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	329667		
214	77.8	63.8	95.6	
179	22.2	19.6	29.4	
108	22.6	19.6	29.4	

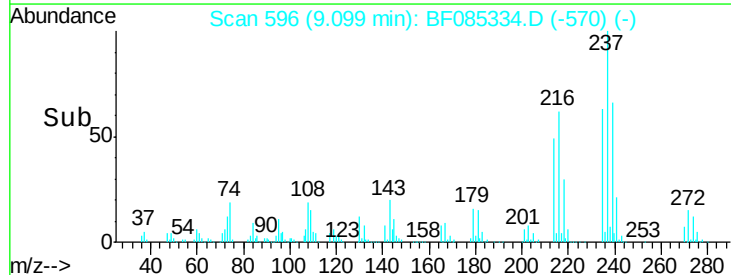
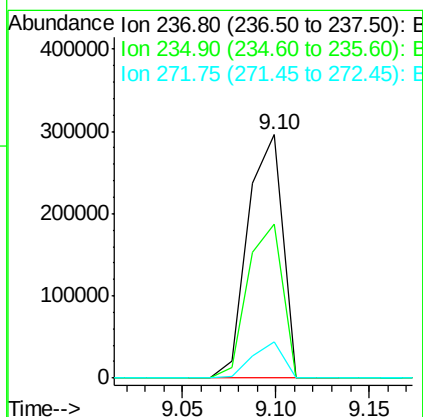
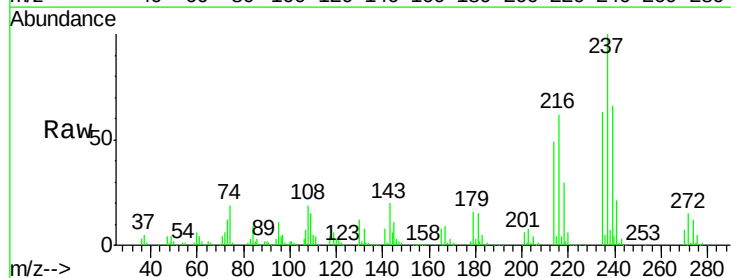
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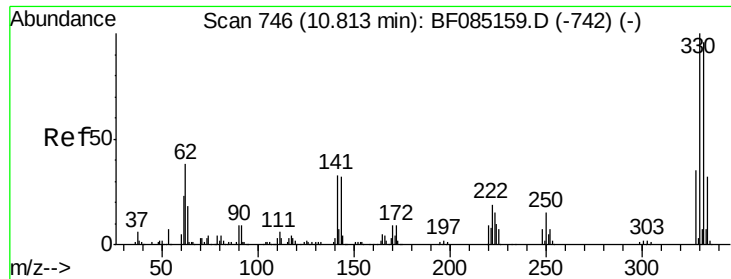
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#40
 Hexachlorocyclopentadiene
 Concen: 62.02 ng
 RT: 9.10 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	380666		
235	63.1	43.7	83.7	
272	14.8	0.0	31.5	





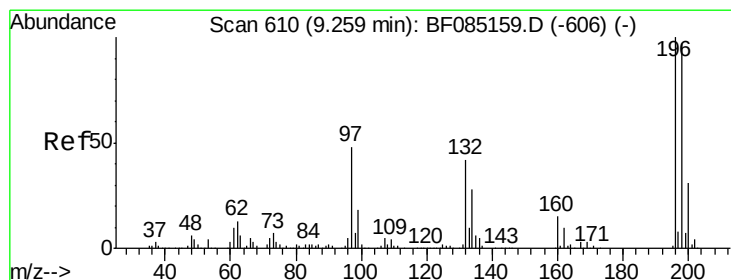
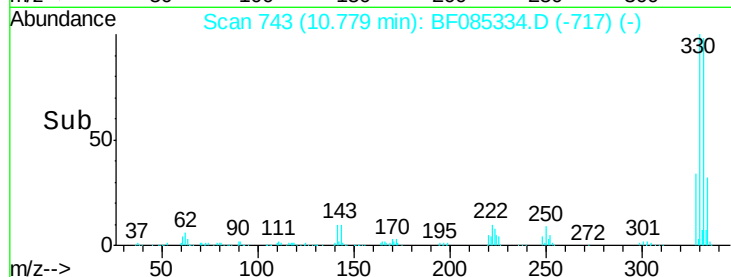
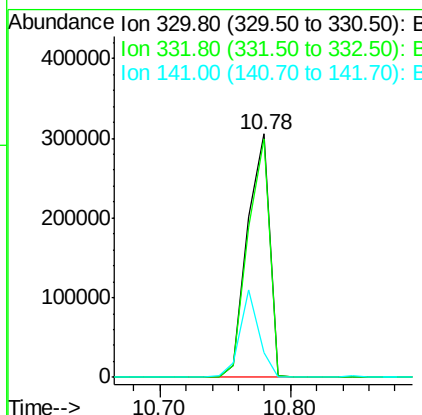
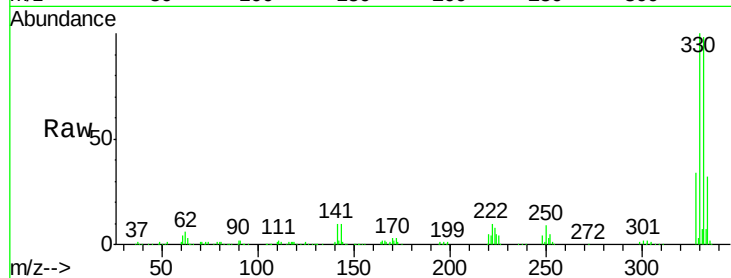
#41
 2,4,6-Tribromophenol
 Concen: 105.96 ng
 RT: 10.78 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	360796		
332	96.3	77.1	115.7	
141	30.5	35.0	52.6#	

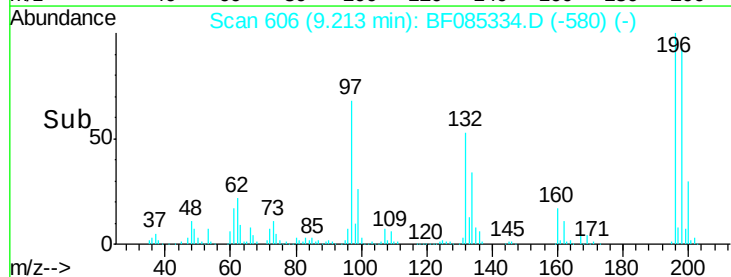
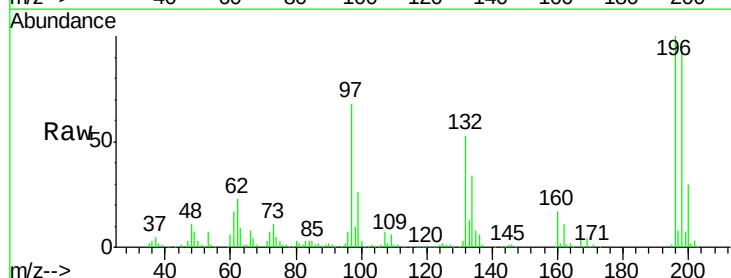
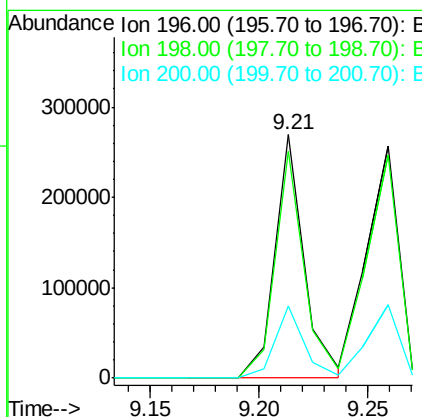
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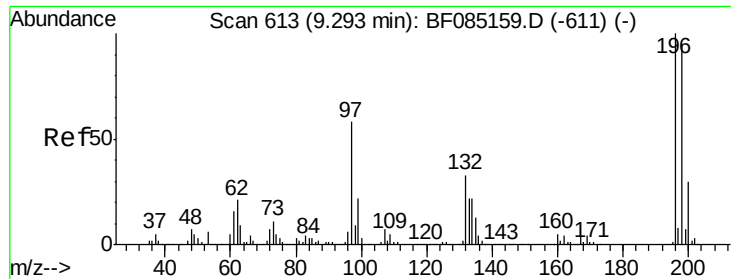
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 29.95 ng
 RT: 9.21 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

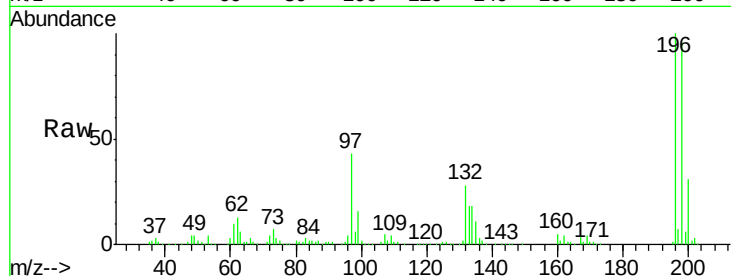
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253719		
198	93.0	77.8	116.6	
200	29.7	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 33.11 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

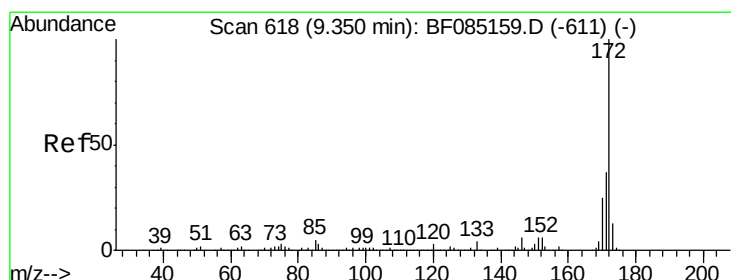
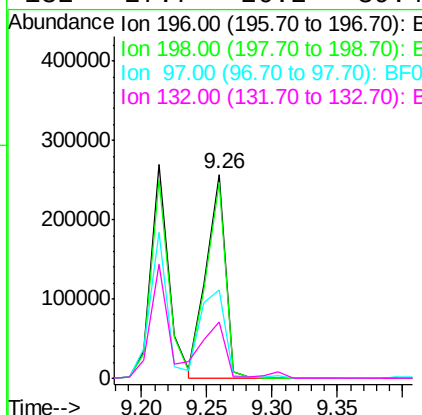
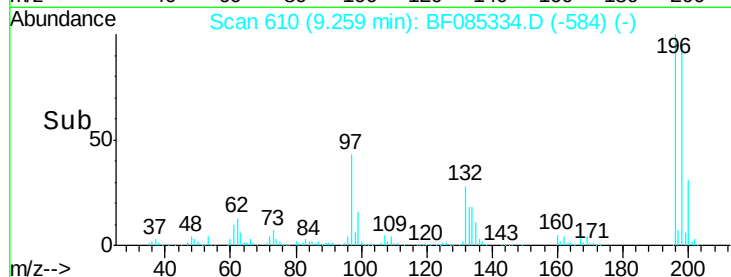
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265914		
198	96.1	75.7	113.5	
97	43.3	46.4	69.6	
132	27.7	26.2	39.4	

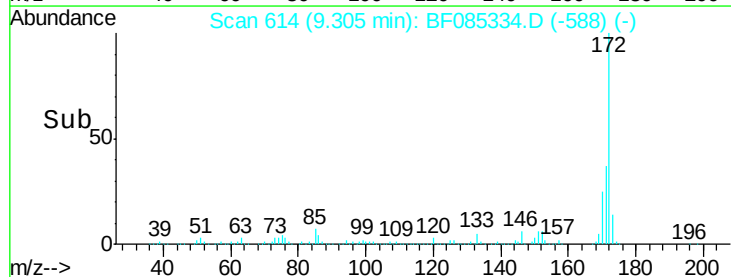
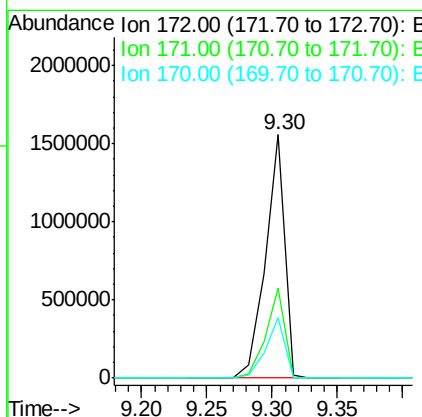
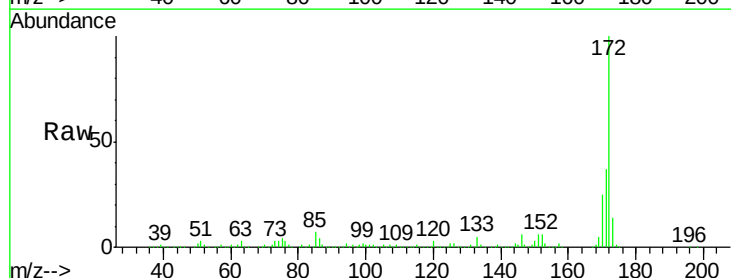
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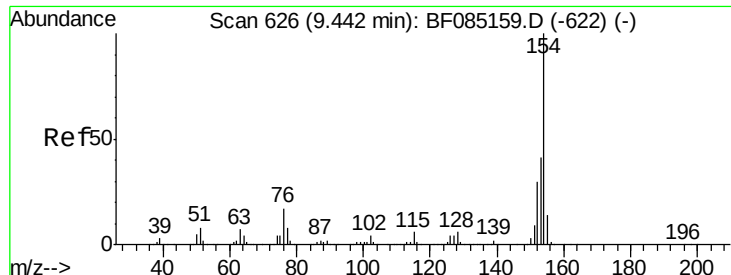
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#44
 2-Fluorobiphenyl
 Concen: 60.93 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1594340		
171	36.8	29.3	43.9	
170	24.7	20.0	30.0	





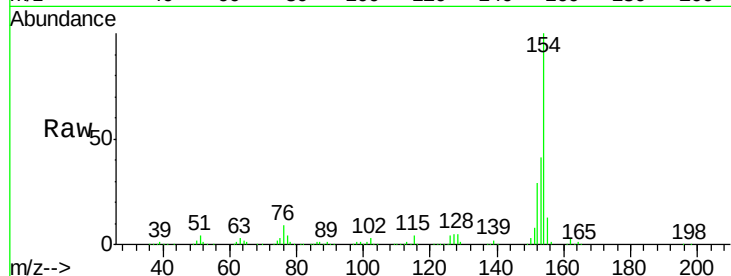
#45
 1,1'-Biphenyl
 Concen: 28.84 ng
 RT: 9.41 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampled :
 PB88797BS

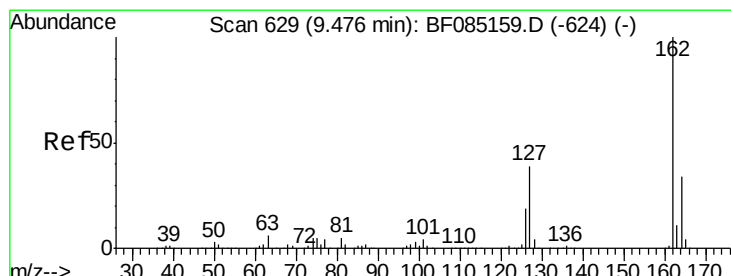
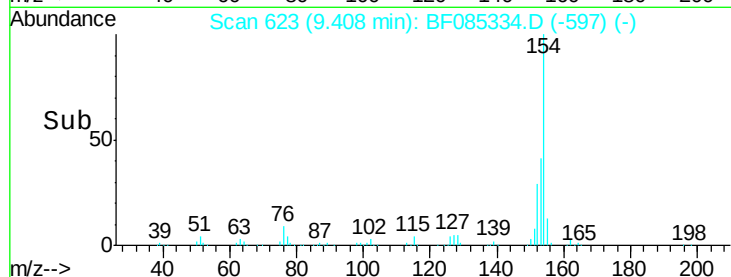
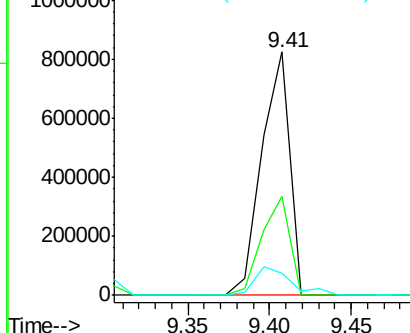
Tgt Ion:	154	Resp:	980475
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.4	61.4
76	9.3	0.0	37.5

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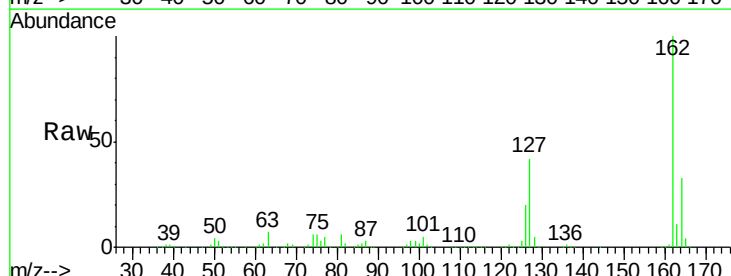


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

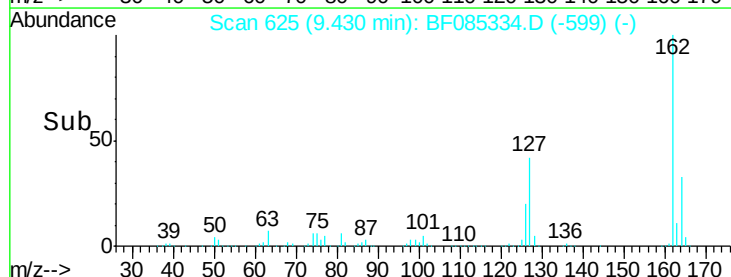
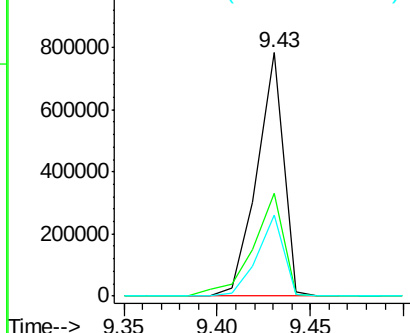


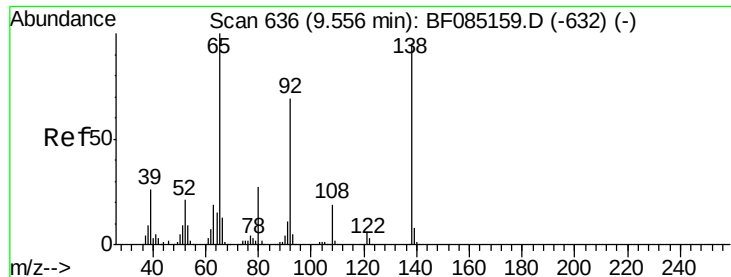
#46
 2-Chloronaphthalene
 Concen: 29.71 ng
 RT: 9.43 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion:	162	Resp:	770005
Ion Ratio	Lower	Upper	
162	100		
127	42.2	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: 30.29 ng

RT: 9.52 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085334.D

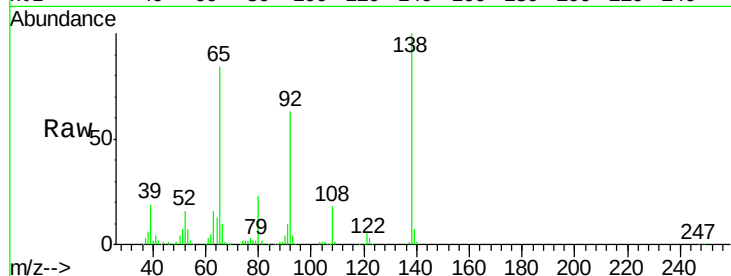
Acq: 10 Mar 2016 15:40

Instrument :

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Tgt Ion: 65 Resp: 243227

Ion Ratio Lower Upper

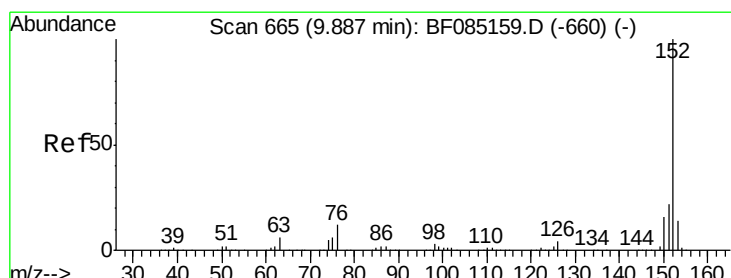
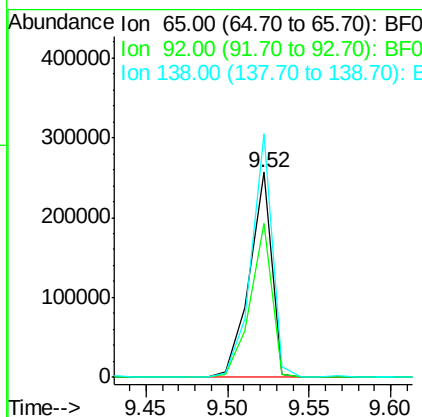
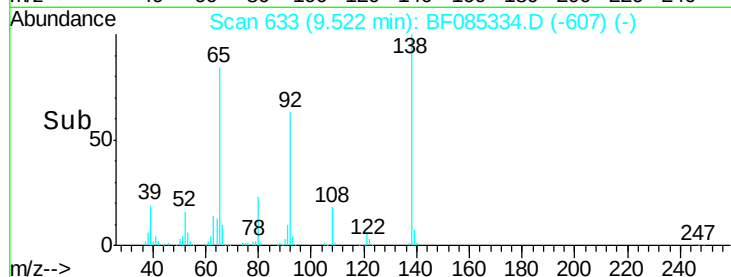
65 100

92 75.3 55.4 83.2

138 119.0 75.7 113.5#

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#48

Acenaphthylene

Concen: 28.04 ng

RT: 9.84 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

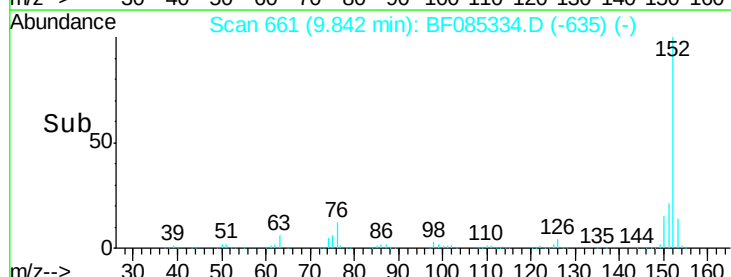
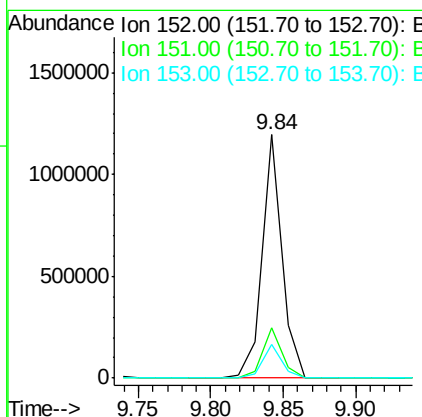
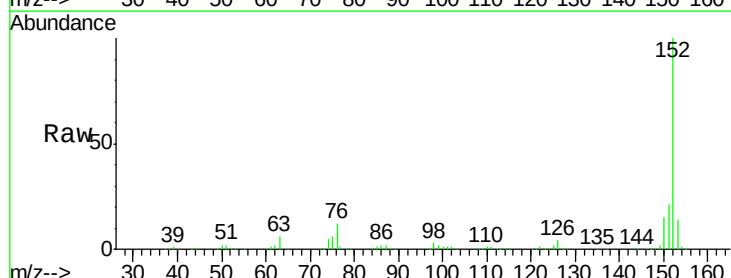
Tgt Ion: 152 Resp: 1131030

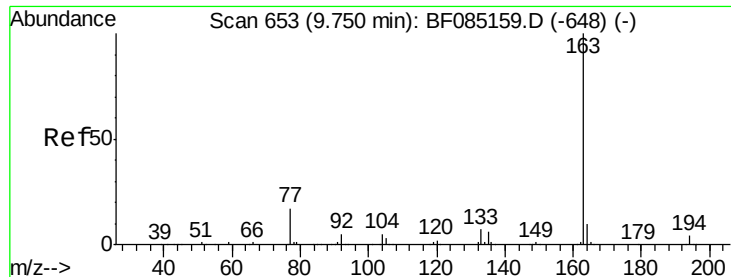
Ion Ratio Lower Upper

152 100

151 20.9 17.5 26.3

153 13.7 11.3 16.9





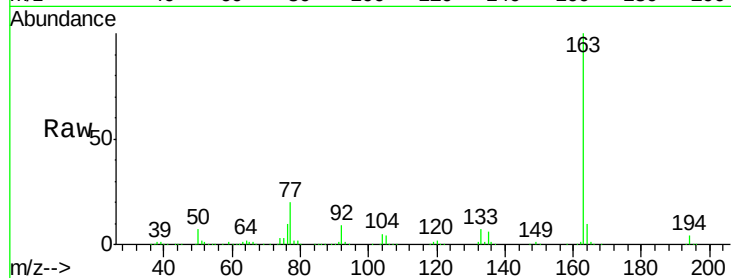
#49
Dimethylphthalate
Concen: 28.53 ng
RT: 9.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

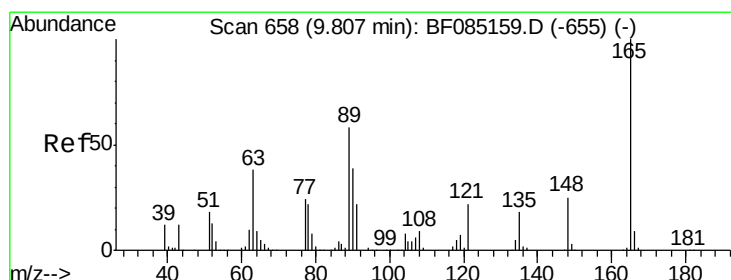
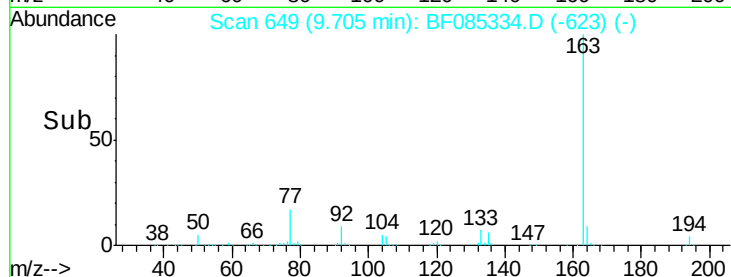
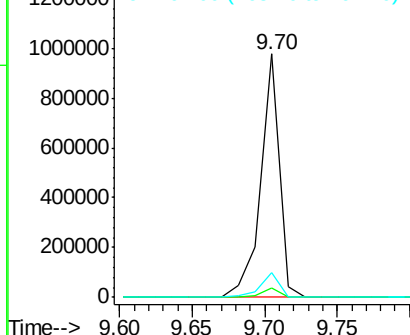
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	871275		
194	3.6		3.1	4.7
164	10.4		8.2	12.4

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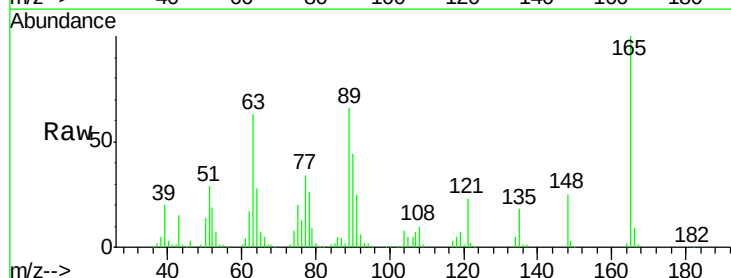


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

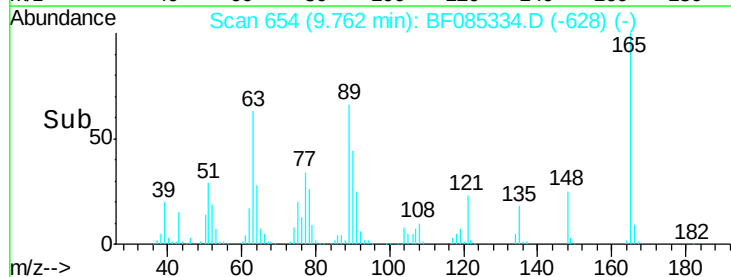
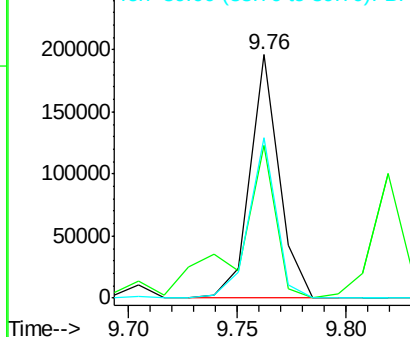


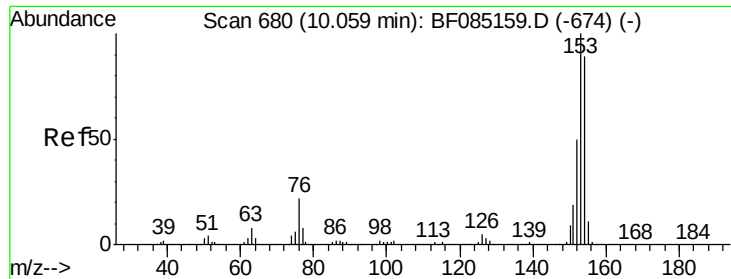
#50
2,6-Dinitrotoluene
Concen: 27.88 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182176		
63	62.7		41.8	62.8
89	66.0		46.7	70.1



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





#51

Acenaphthene

Concen: 30.62 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085334.D

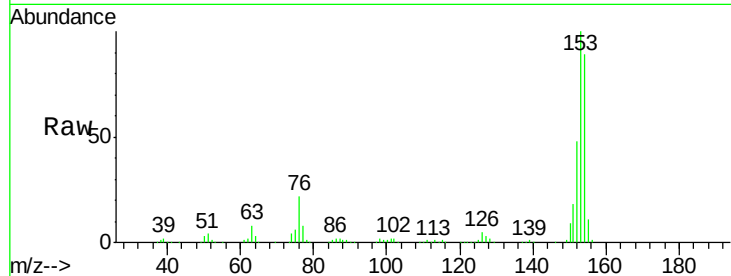
Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampled :

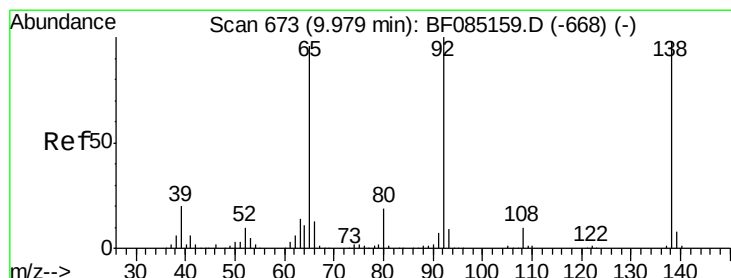
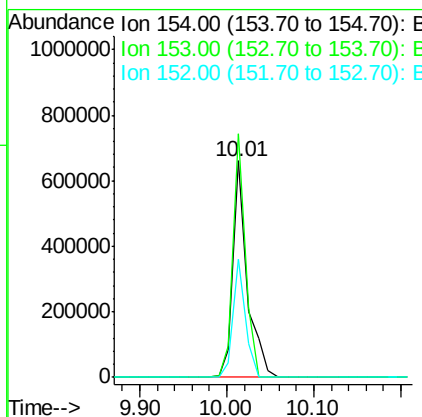
PB88797BS



Tgt Ion:	154	Resp:	749884
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.8
152	54.5	44.6	66.8

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#52

3-Nitroaniline

Concen: 22.32 ng

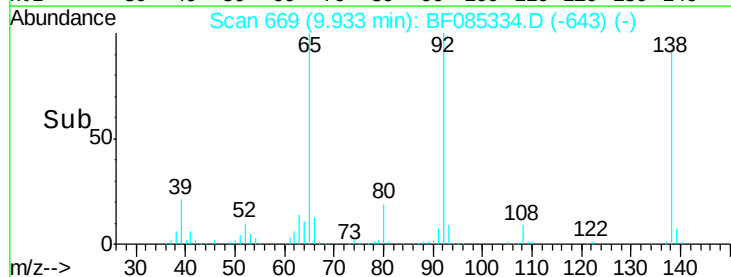
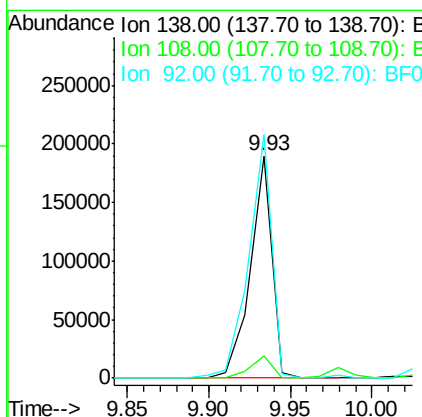
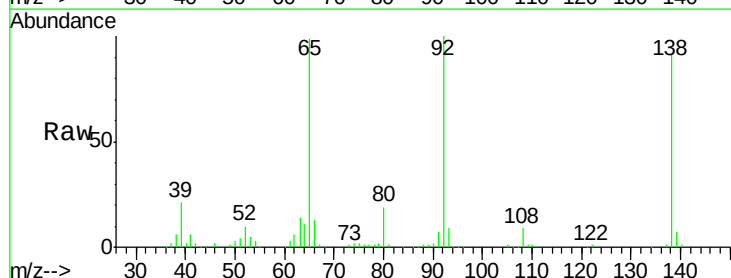
RT: 9.93 min Scan# 669

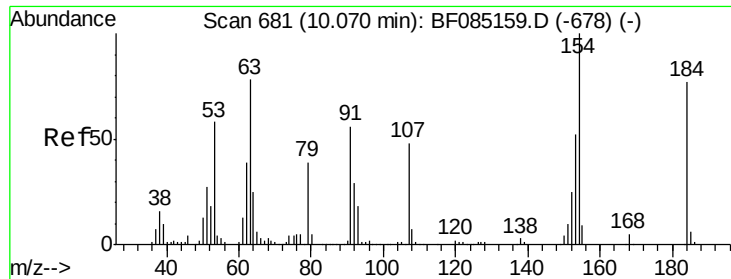
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	138	Resp:	174464
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.6
92	109.5	81.3	121.9





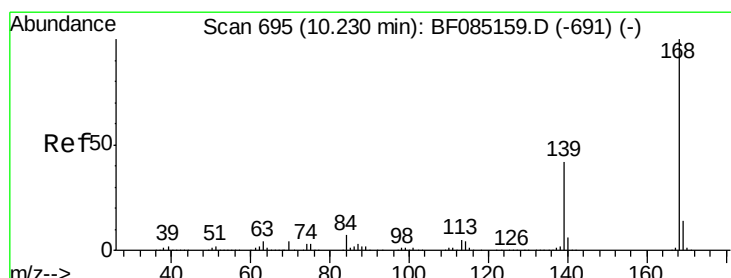
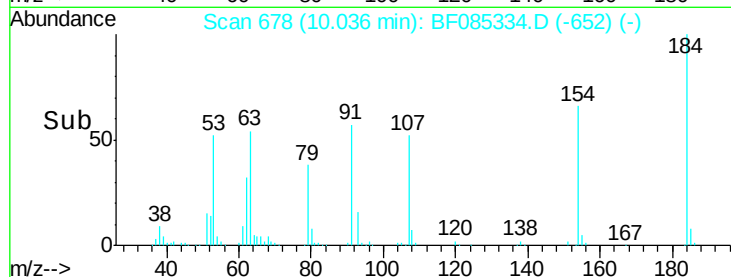
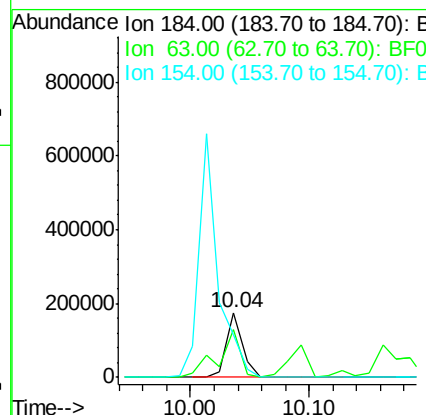
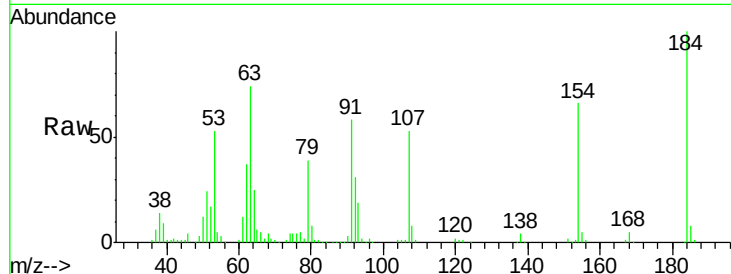
#53
 2,4-Dinitrophenol
 Concen: 52.49 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampled :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	163871		
63	74.1	82.2	123.4#	
154	66.4	108.9	163.3#	

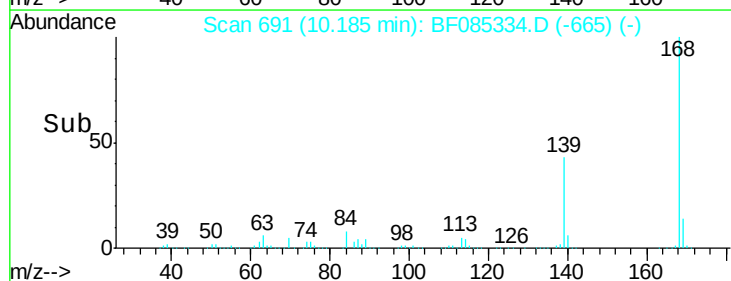
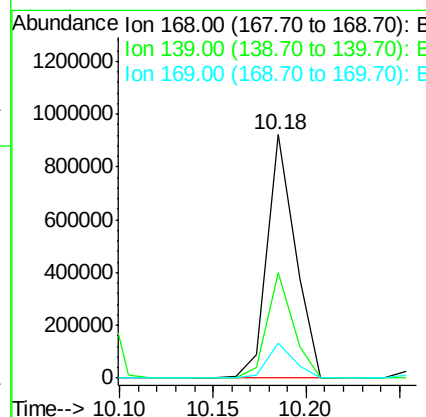
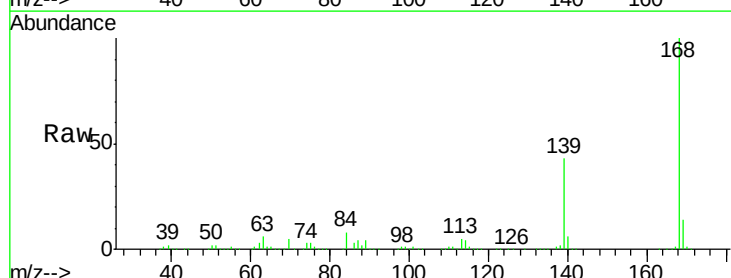
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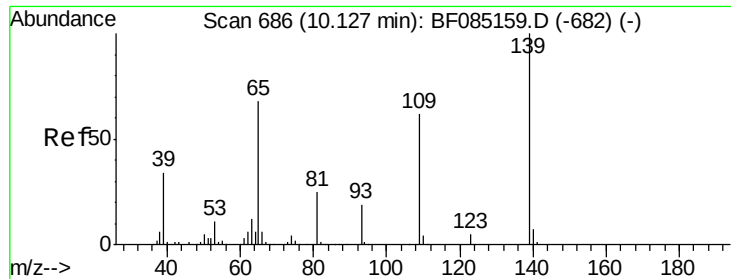
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#54
 Dibenzofuran
 Concen: 29.74 ng
 RT: 10.18 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	954169		
139	43.5	33.6	50.4	
169	14.2	11.2	16.8	





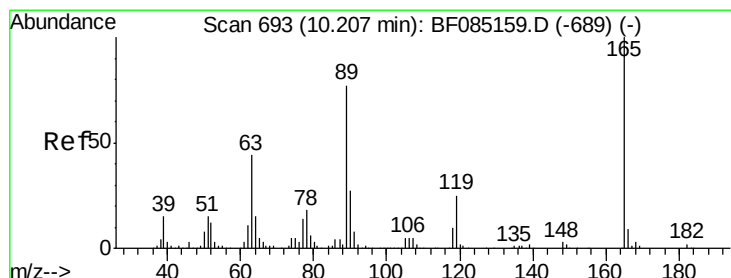
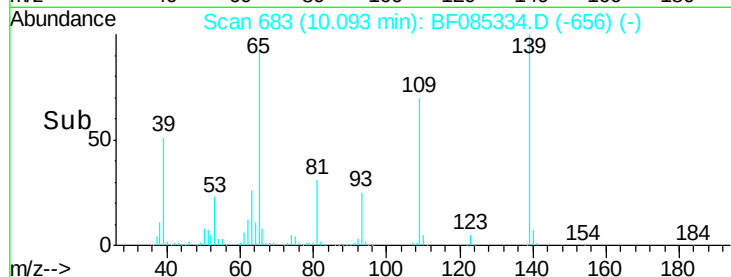
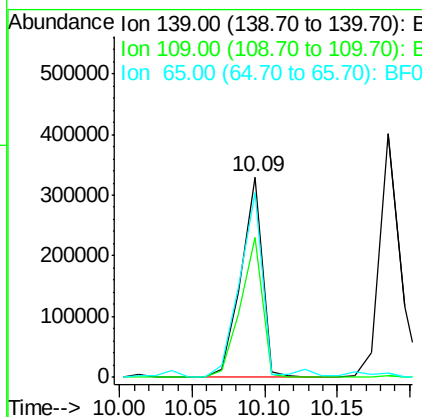
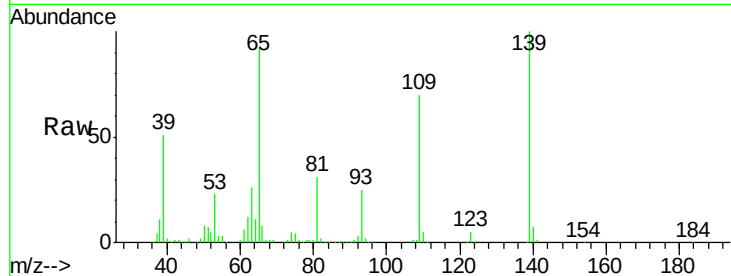
#55
4-Nitrophenol
Concen: 55.72 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	342285		
109	69.7	41.9	81.9	
65	92.0	48.3	88.3#	

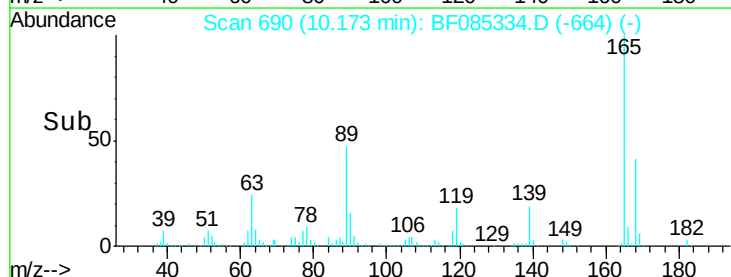
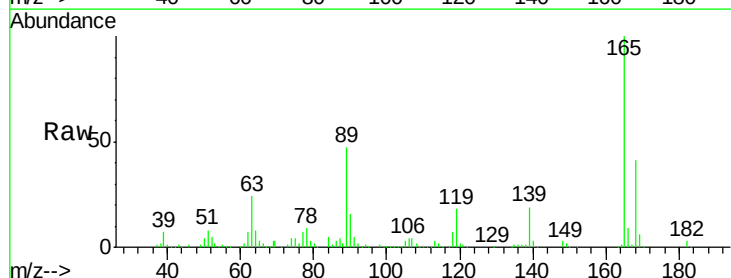
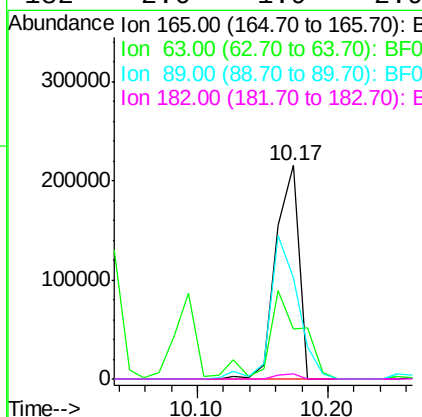
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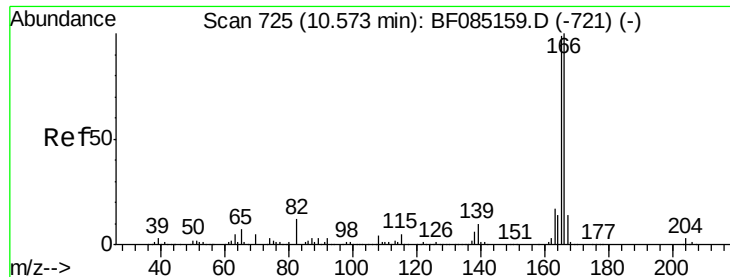
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#56
2,4-Dinitrotoluene
Concen: 31.82 ng
RT: 10.17 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	266081		
63	23.6	35.4	53.0#	
89	47.2	61.9	92.9#	
182	2.6	1.9	2.9	





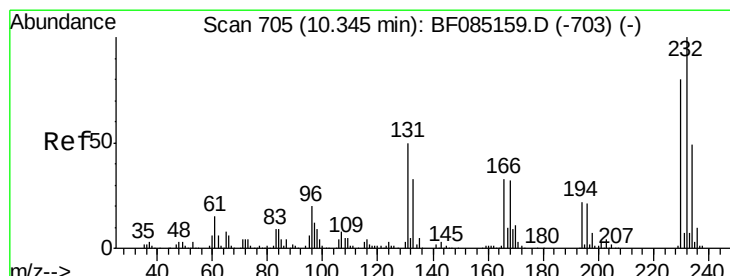
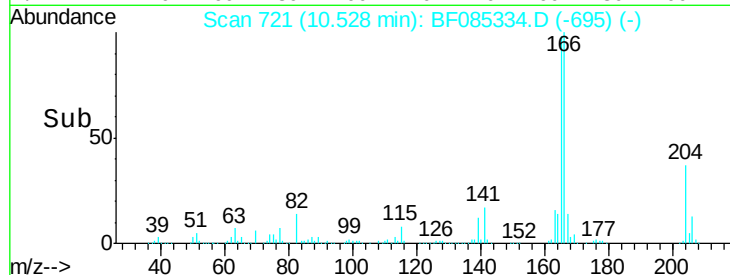
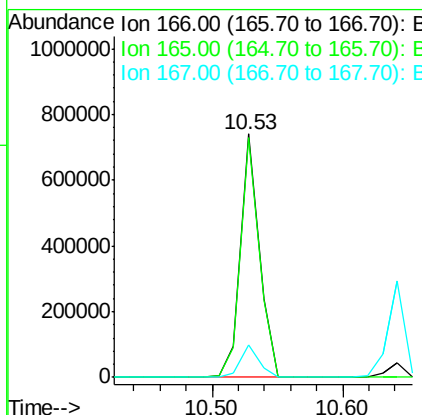
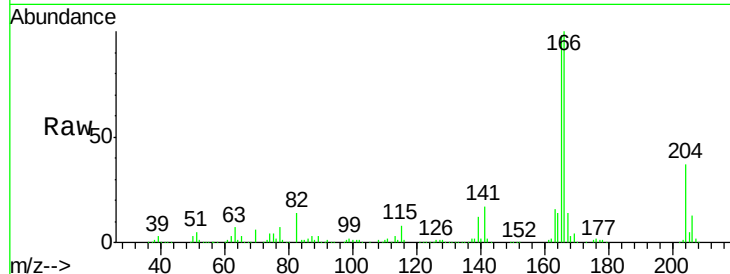
#57
 Fluorene
 Concen: 29.45 ng
 RT: 10.53 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	742322		
165	98.3	79.4	119.0	
167	13.6	11.0	16.6	

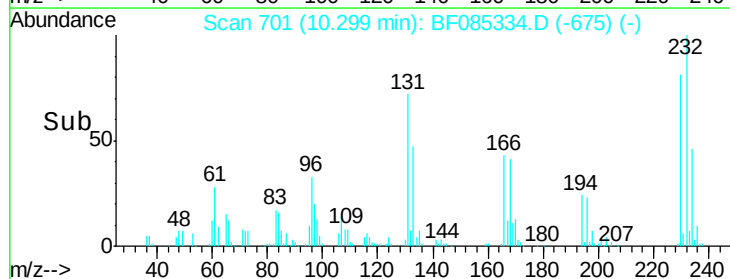
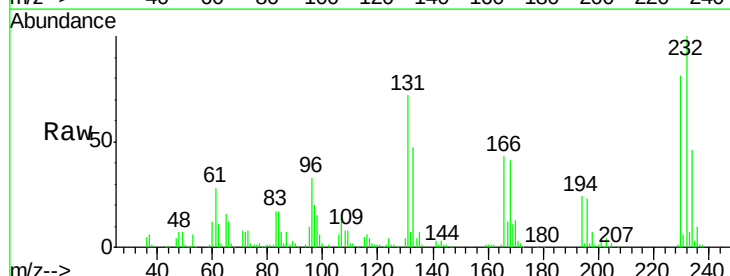
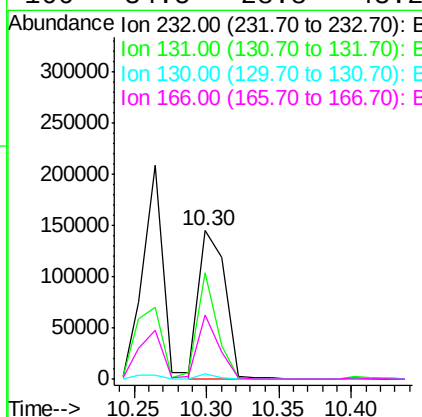
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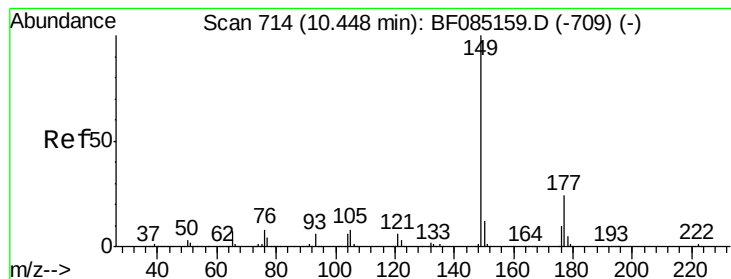
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.70 ng
 RT: 10.30 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184507		
131	54.0	46.0	69.0	
130	2.7	2.2	3.4	
166	34.5	28.8	43.2	





#59

Diethylphthalate

Concen: 28.91 ng

RT: 10.40 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF085334.D

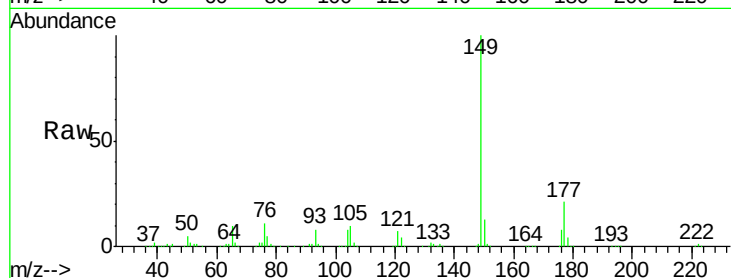
Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt Ion:149 Resp: 856789

Ion Ratio Lower Upper

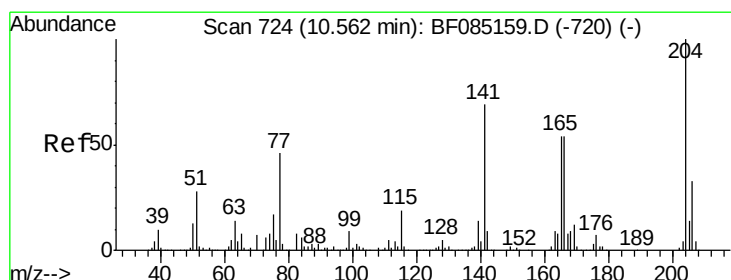
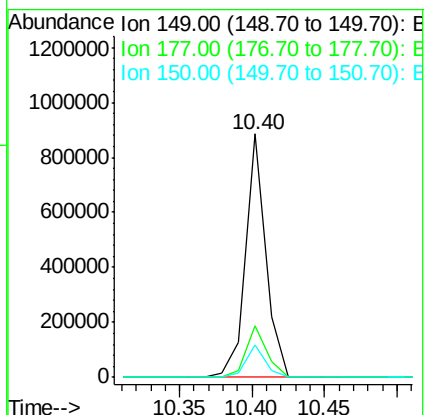
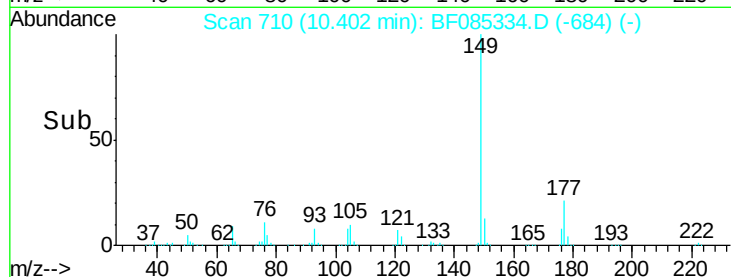
149 100

177 21.1 19.2 28.8

150 13.1 9.9 14.9

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#60

4-Chlorophenyl-phenylether

Concen: 29.73 ng

RT: 10.53 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

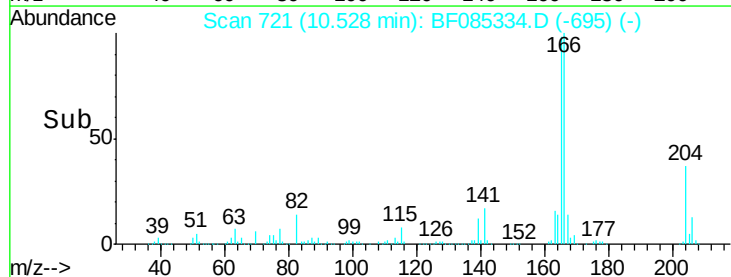
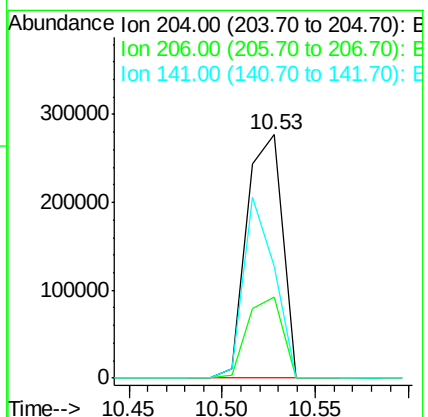
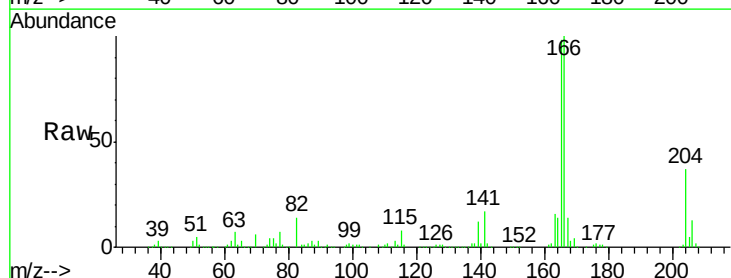
Tgt Ion:204 Resp: 364567

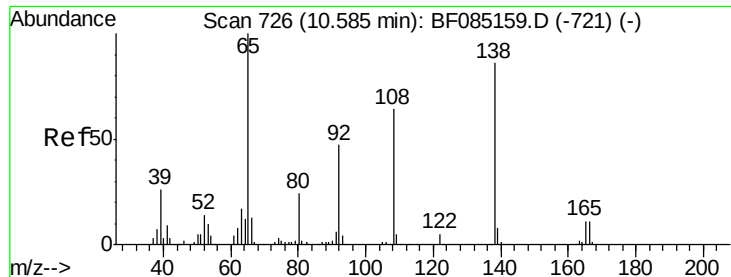
Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

141 45.7 55.4 83.2#





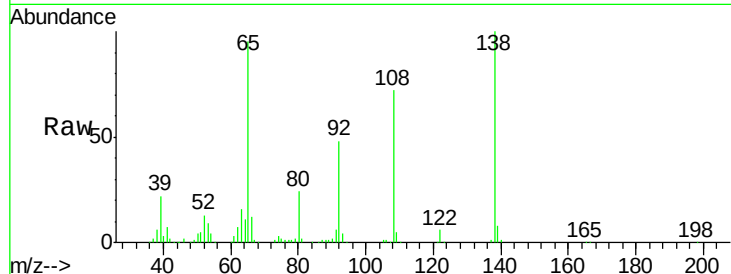
#61
4-Nitroaniline
Concen: 32.70 ng
RT: 10.55 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

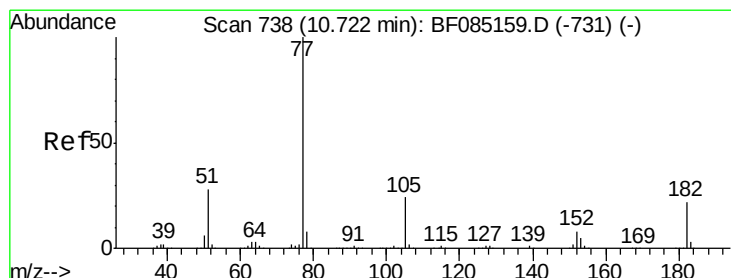
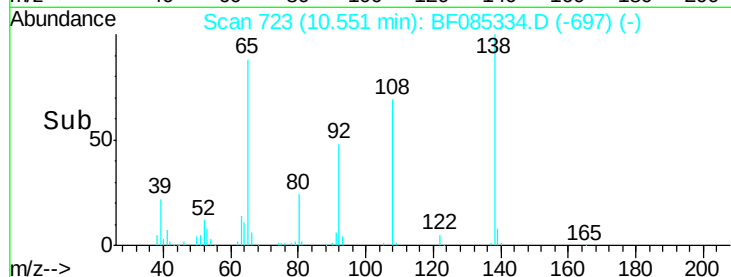
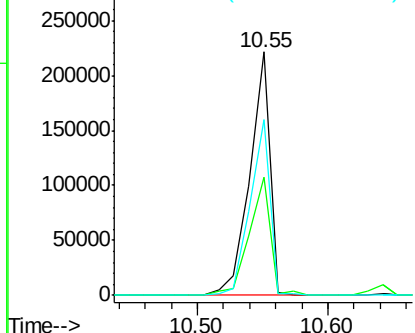
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	239114		
92	48.4	34.2	74.2	
108	72.1	53.9	93.9	

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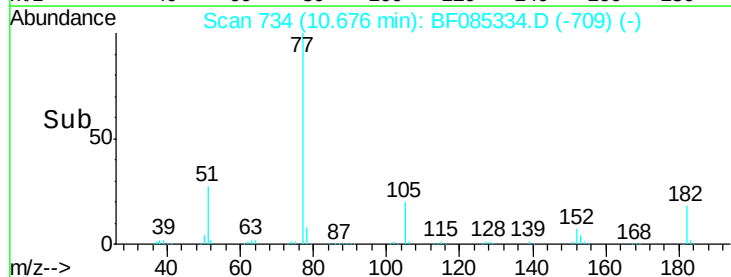
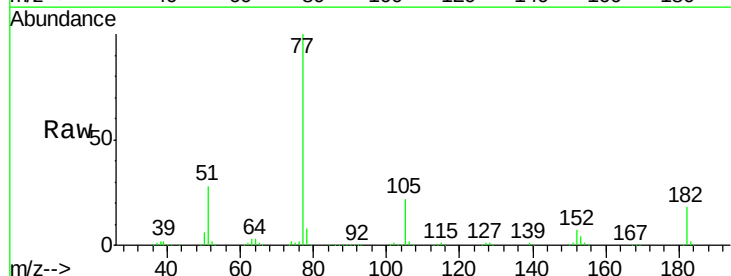
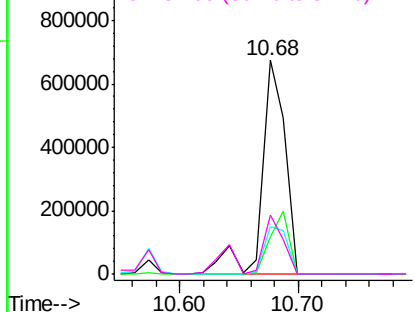
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

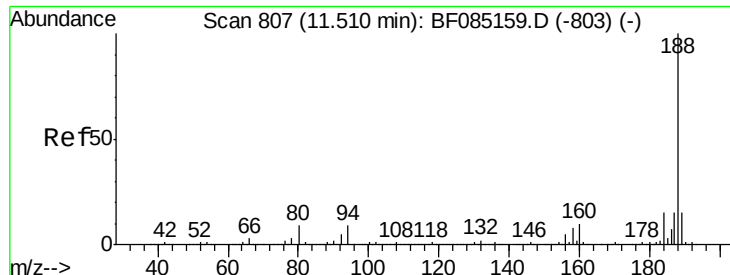


#62
Azobenzene
Concen: 31.57 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	921866		
182	17.6	2.1	42.1	
105	22.3	3.8	43.8	
51	27.6	7.8	47.8	

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





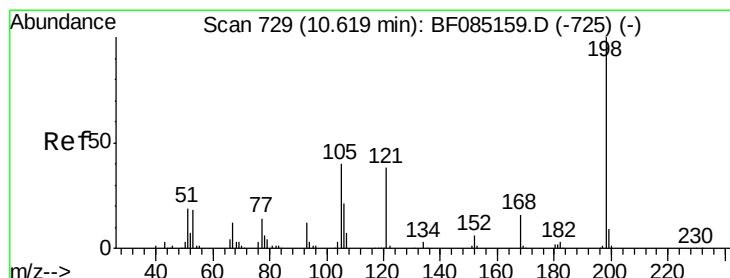
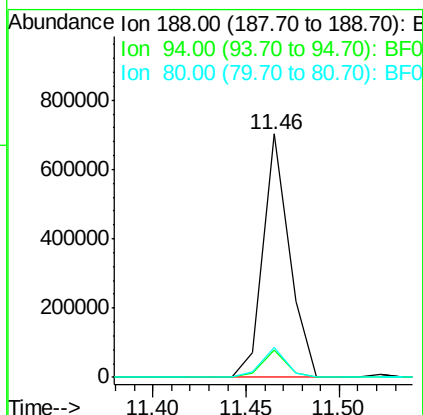
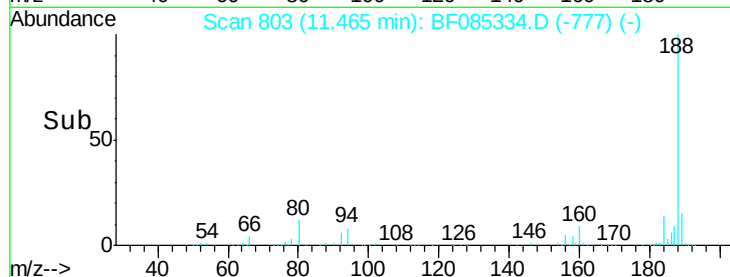
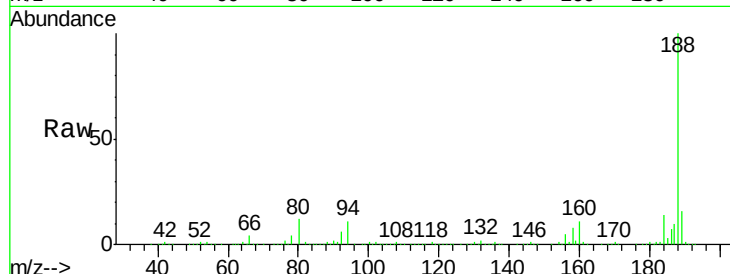
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	7.0	10.6#
80	12.0	7.4	11.0#

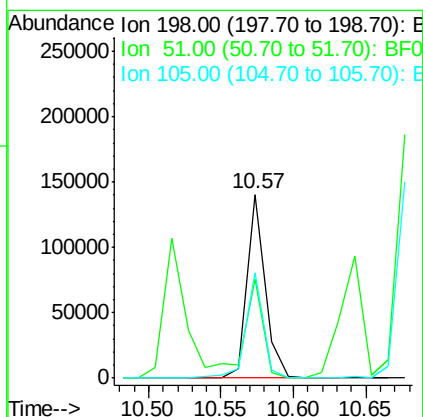
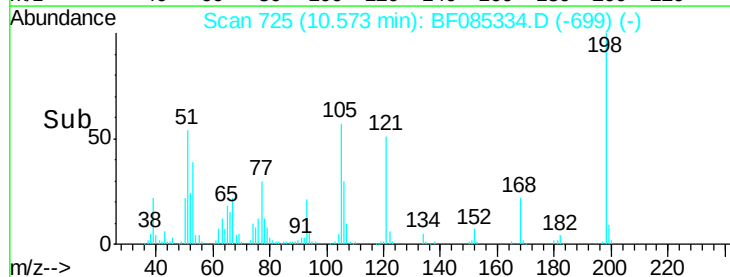
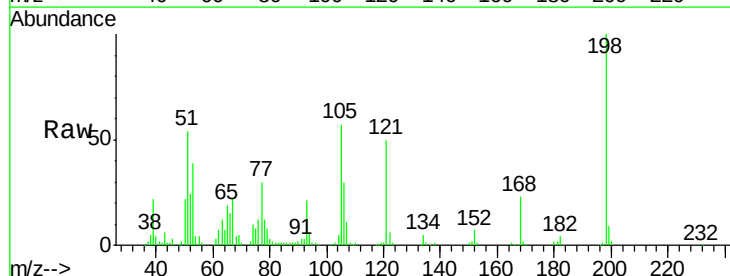
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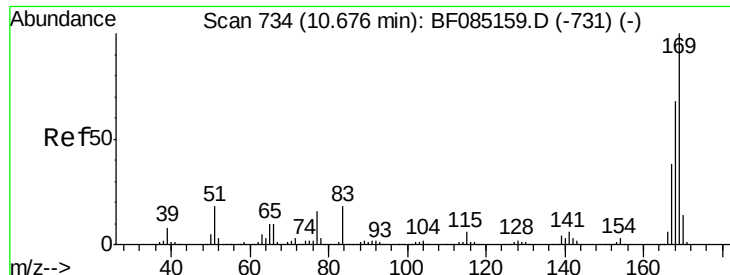
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.78 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.8	9.5	49.5#
105	57.1	20.5	60.5





#65

n-Nitrosodiphenylamine

Concen: 32.98 ng

RT: 10.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

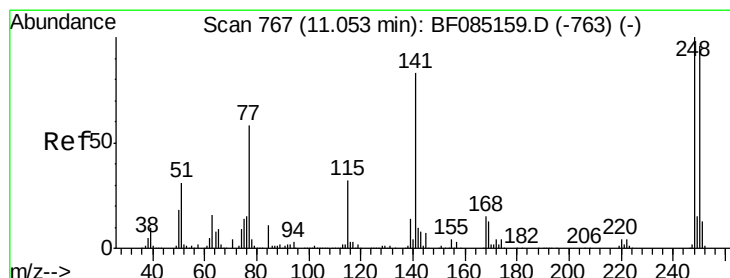
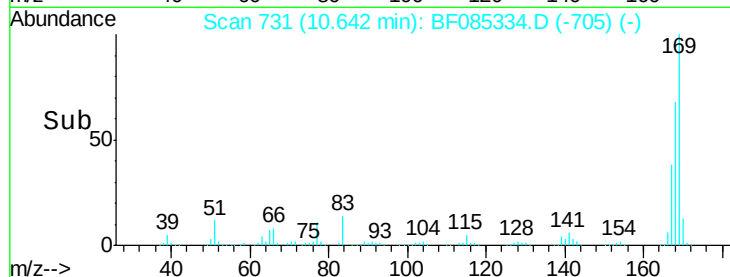
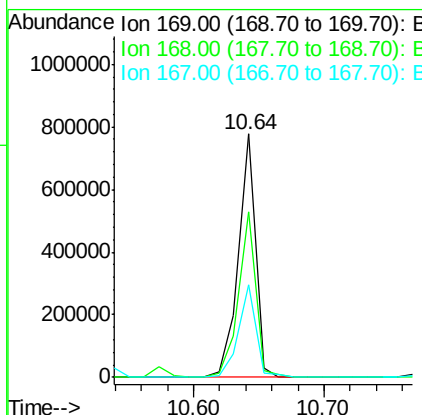
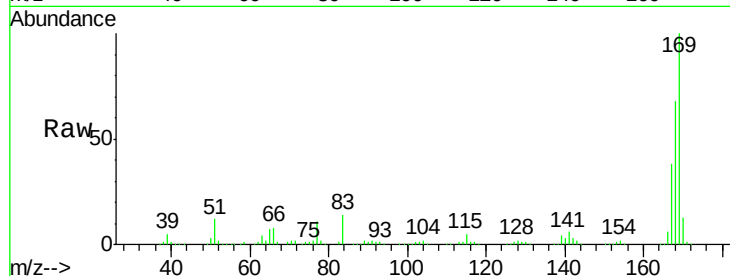
ClientSampled :

PB88797BS

Tgt Ion:	169	Resp:	703373
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.8	82.2
167	37.8	30.3	45.5

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#66

4-Bromophenyl-phenylether

Concen: 29.98 ng

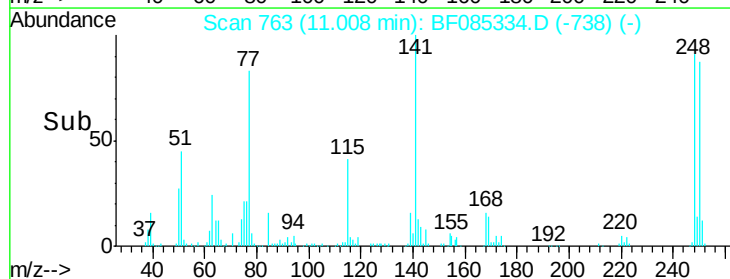
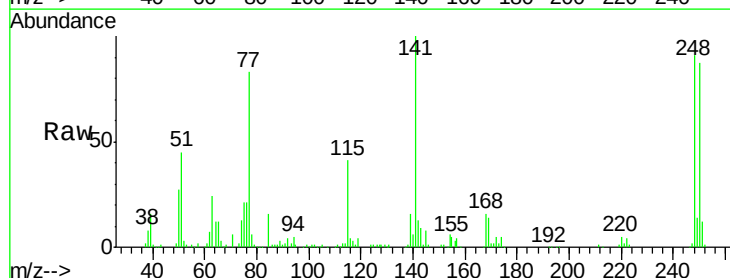
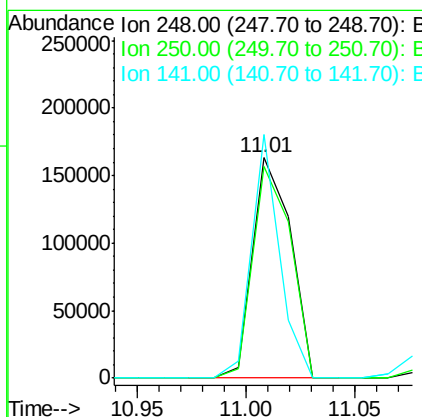
RT: 11.01 min Scan# 763

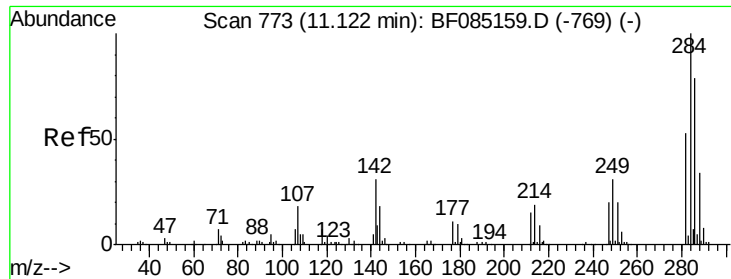
Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	248	Resp:	199619
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	110.5	66.2	99.2#





#67

Hexachlorobenzene

Concen: 29.84 ng

RT: 11.08 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

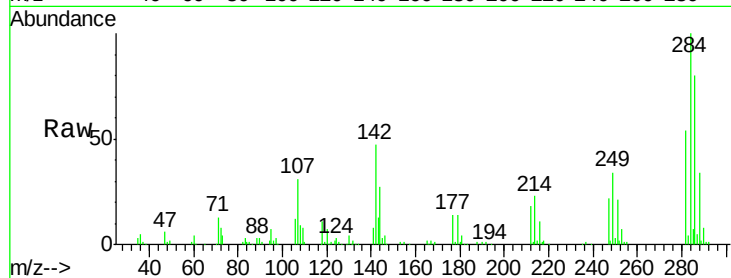
ClientSampleId :

PB88797BS

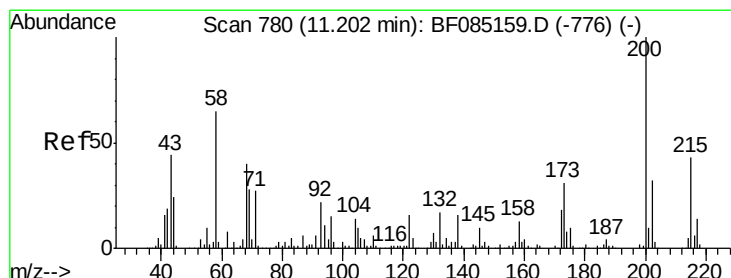
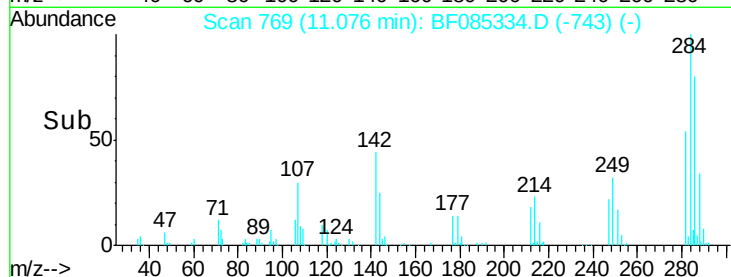
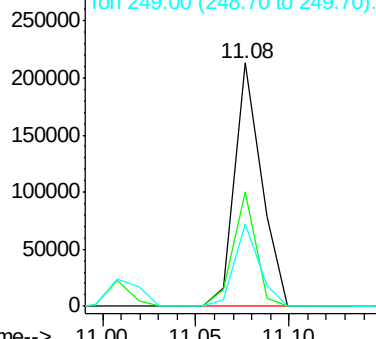
Tgt Ion:	284	Resp:	211963
Ion Ratio	Lower	Upper	
284	100		
142	46.8	24.9	37.3#
249	34.1	25.0	37.4

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Abundance Ion 283.80 (283.50 to 284.50): E



#68

Atrazine

Concen: 36.37 ng

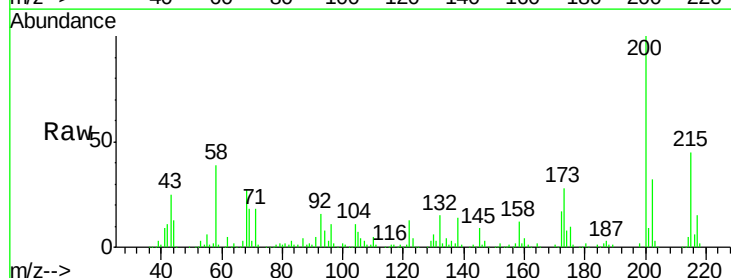
RT: 11.17 min Scan# 777

Delta R.T. 0.00 min

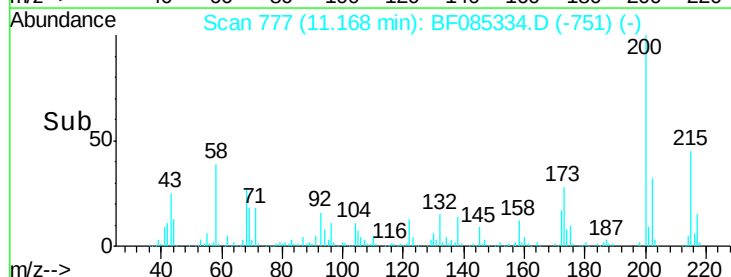
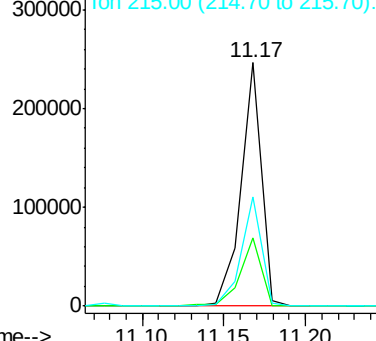
Lab File: BF085334.D

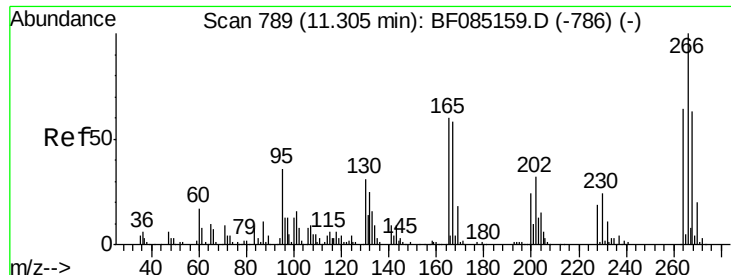
Acq: 10 Mar 2016 15:40

Tgt Ion:	200	Resp:	215743
Ion Ratio	Lower	Upper	
200	100		
173	28.3	10.5	50.5
215	45.1	23.4	63.4



Abundance Ion 200.00 (199.70 to 200.70): E





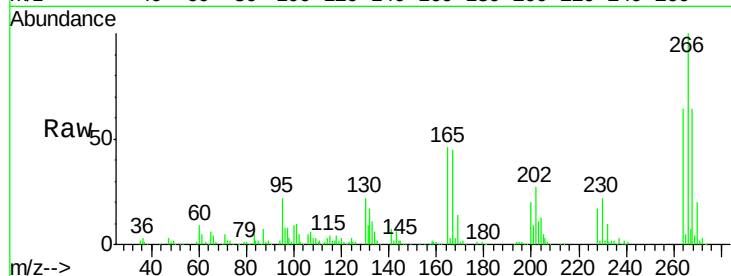
#69
 Pentachlorophenol
 Concen: 59.95 ng
 RT: 11.27 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

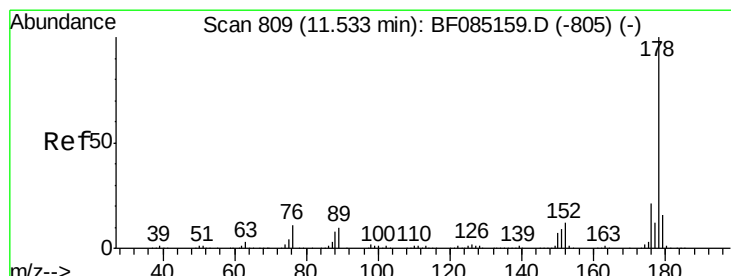
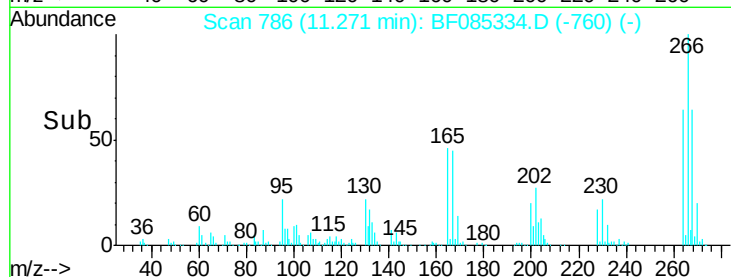
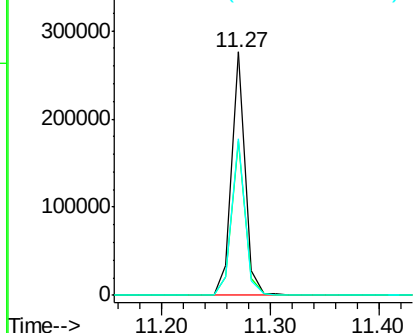
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	236364		
268	63.5	50.0	75.0	
264	64.1	51.4	77.2	

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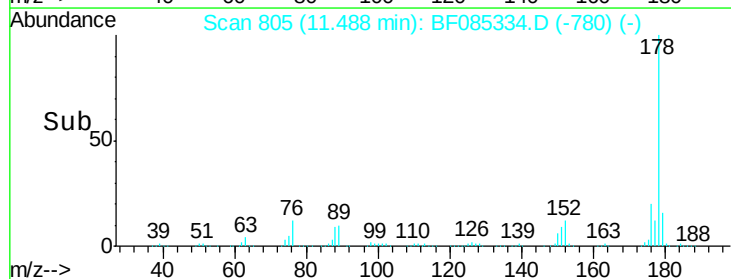
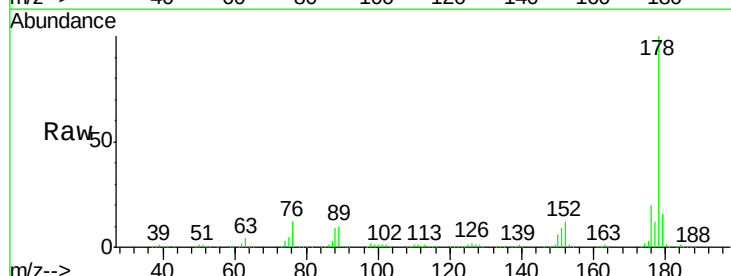
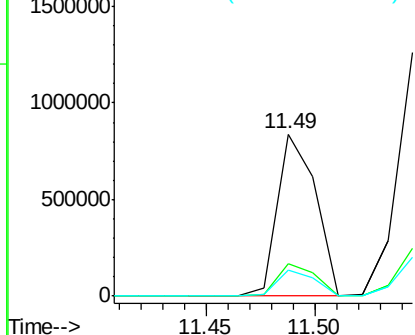
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

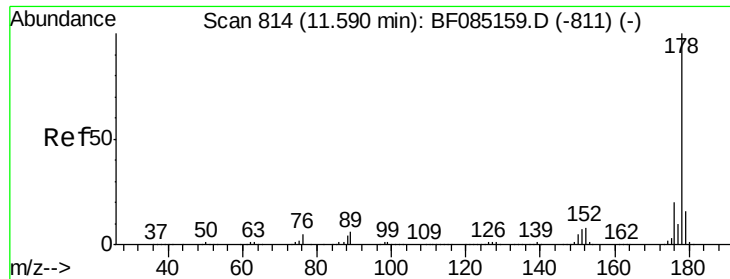


#70
 Phenanthrene
 Concen: 28.79 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1034397		
176	19.8	16.8	25.2	
179	15.9	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





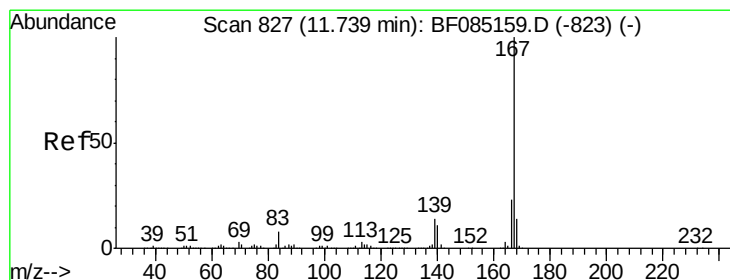
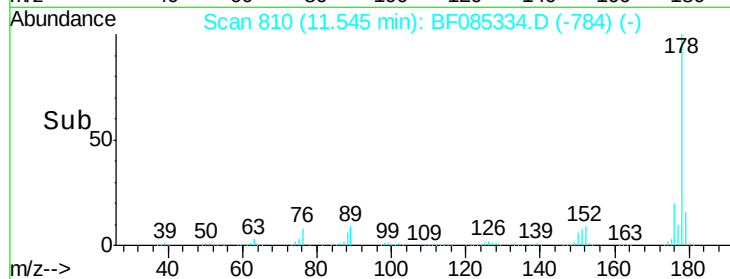
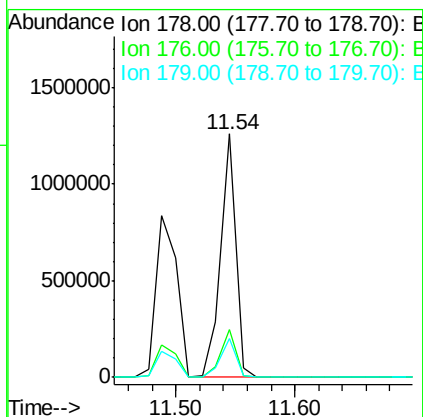
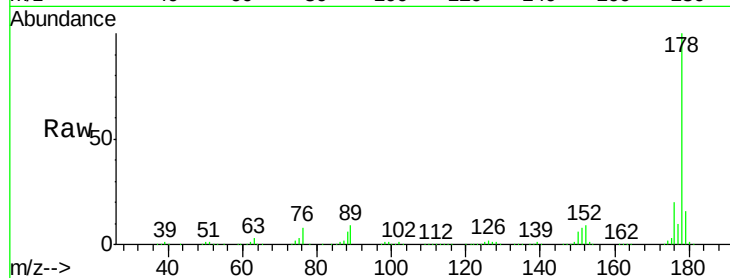
#71
 Anthracene
 Concen: 28.96 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion:178 Resp: 1104894
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.9 12.5 18.7

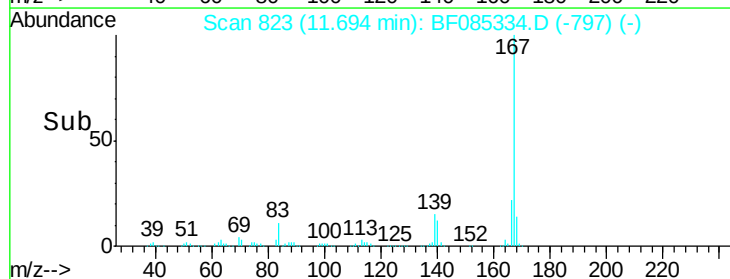
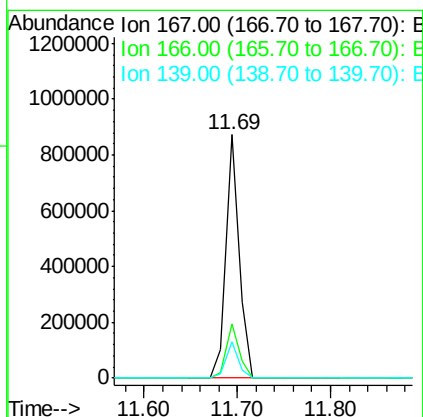
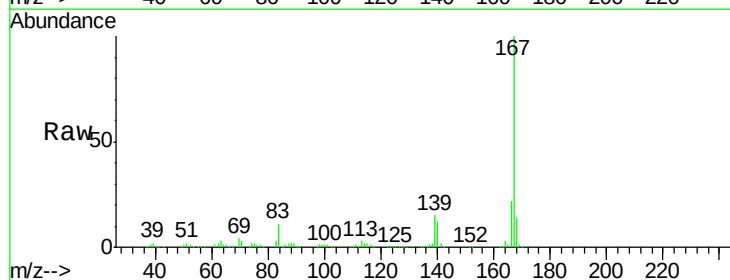
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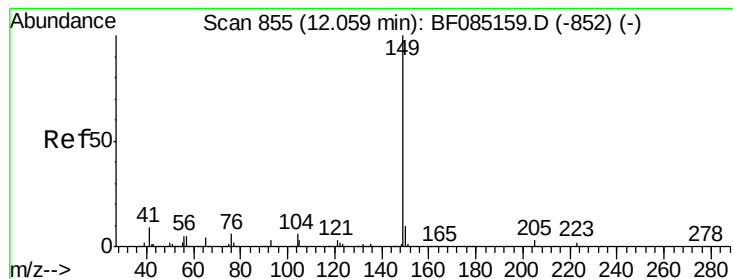
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#72
 Carbazole
 Concen: 25.79 ng
 RT: 11.69 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion:167 Resp: 862858
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.8 11.4 17.0





#73

Di-n-butylphthalate

Concen: 26.42 ng

RT: 12.03 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion:149 Resp: 1117229

Ion Ratio Lower Upper

149 100

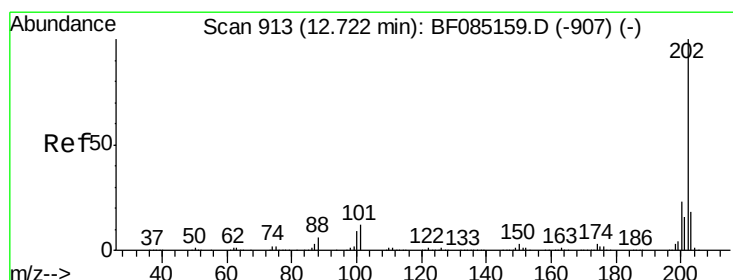
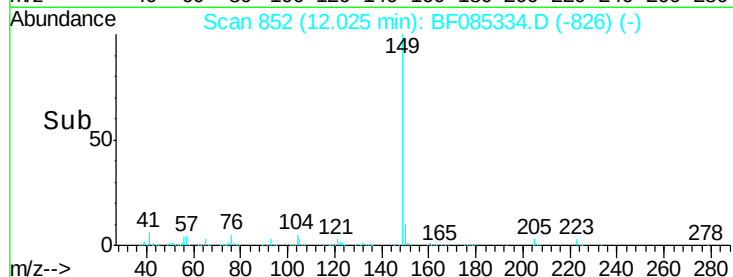
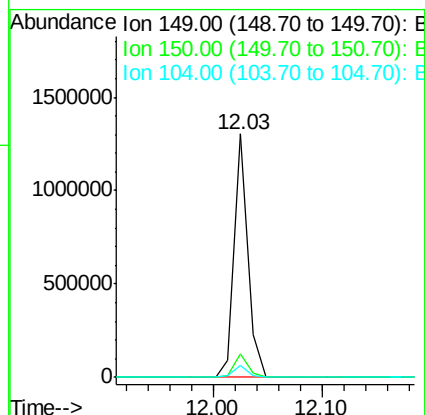
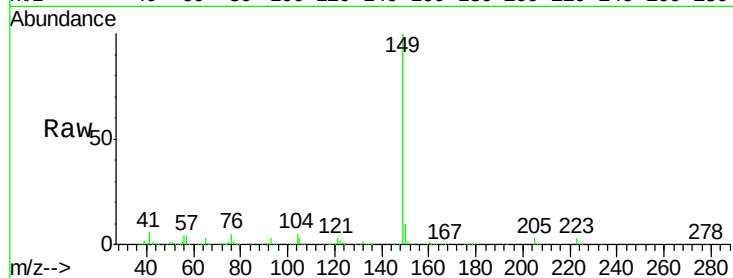
150 9.7 7.8 11.6

104 5.1 4.7 7.1

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#74

Fluoranthene

Concen: 27.51 ng

RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

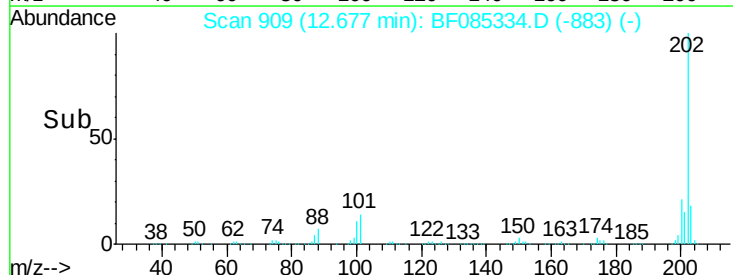
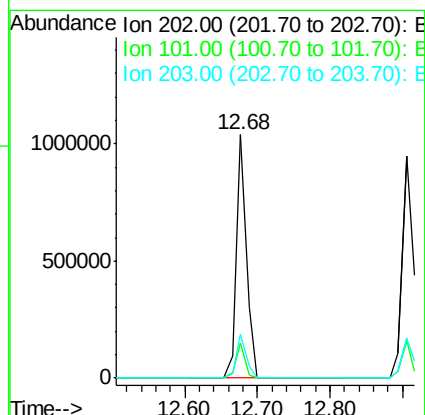
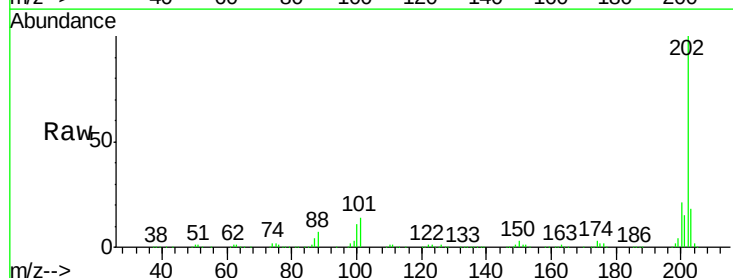
Tgt Ion:202 Resp: 992236

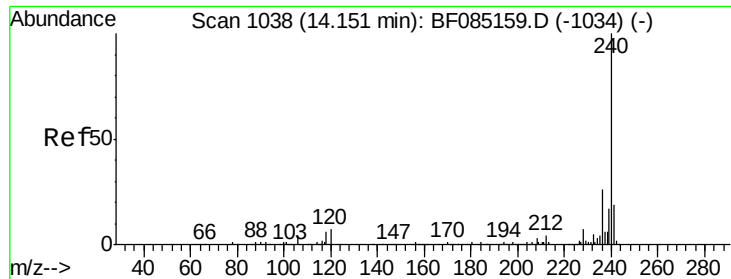
Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.8

203 18.2 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: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampled :

PB88797BS

Tgt Ion:240 Resp: 476083

Ion Ratio Lower Upper

240 100

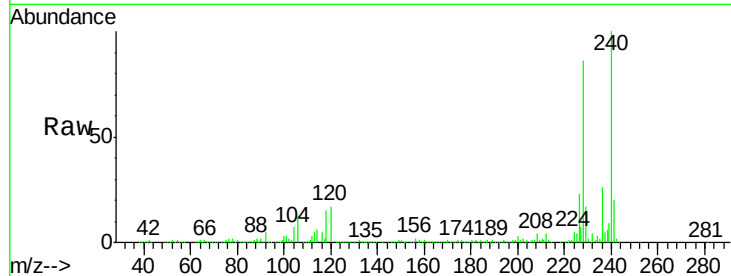
120 17.2 5.3 7.9#

236 26.3 20.7 31.1

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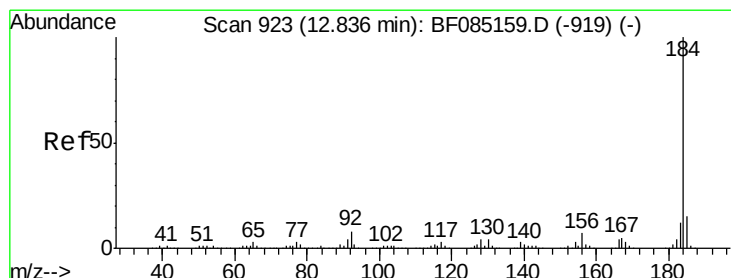
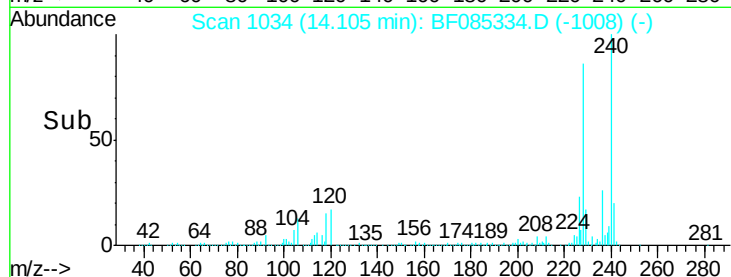
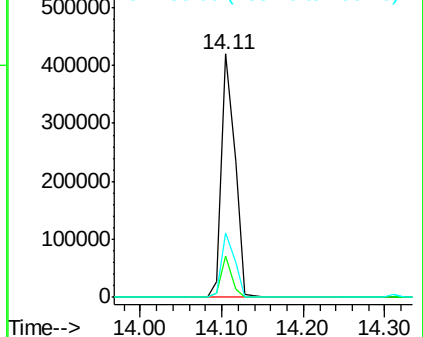
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.00 ng

RT: 12.80 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

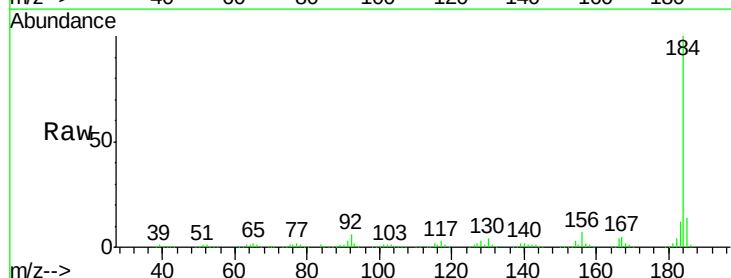
Tgt Ion:184 Resp: 552563

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

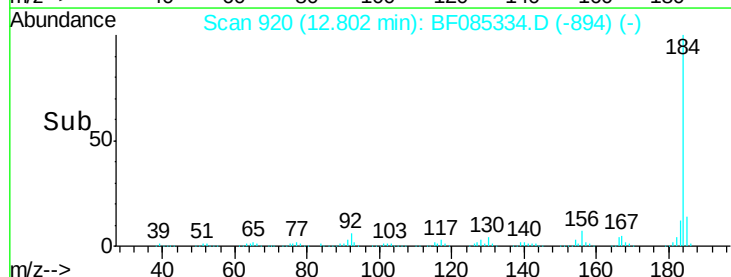
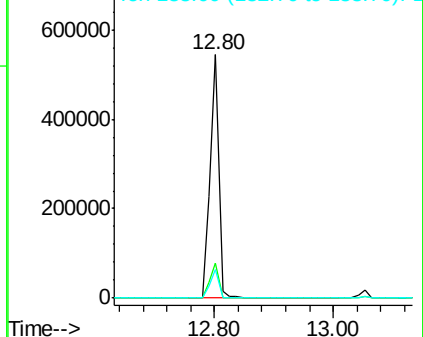
183 11.6 9.4 14.2

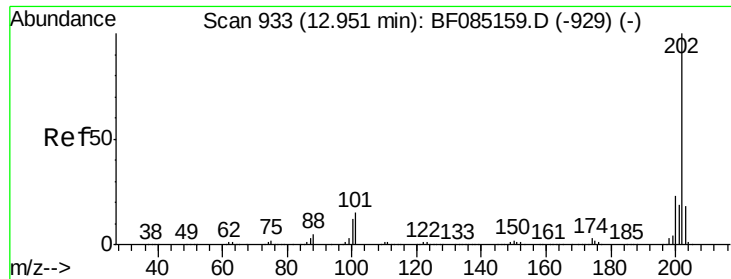


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





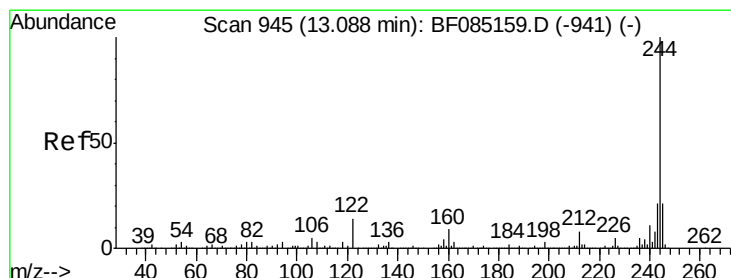
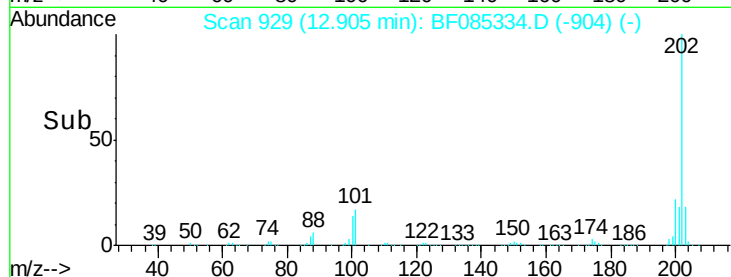
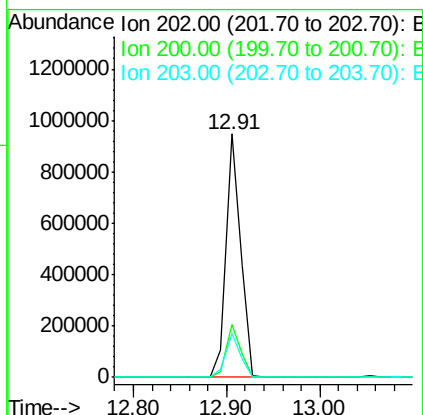
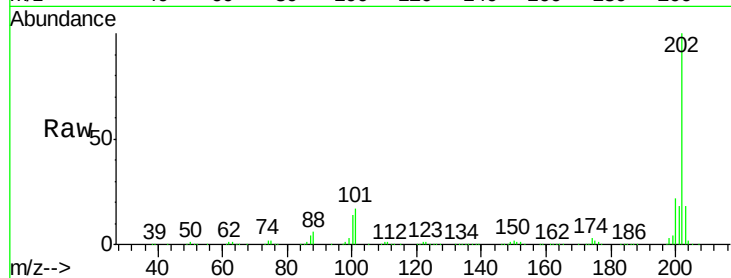
#77
 Pyrene
 Concen: 28.79 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.4
203	18.1	14.7	22.1

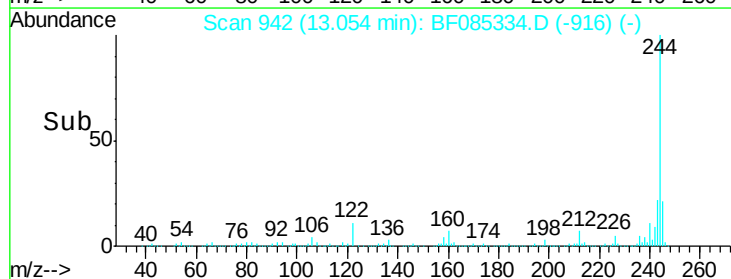
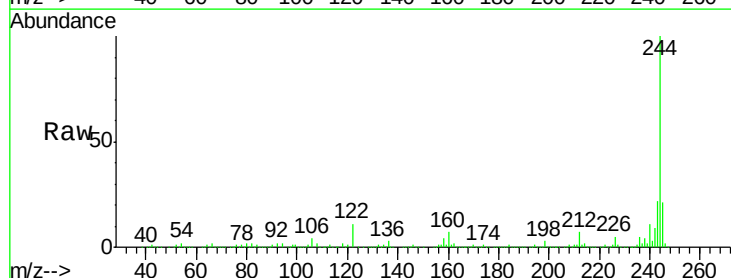
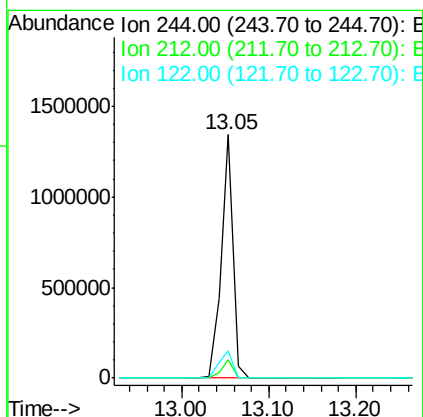
Manual Integrations
 APPROVED

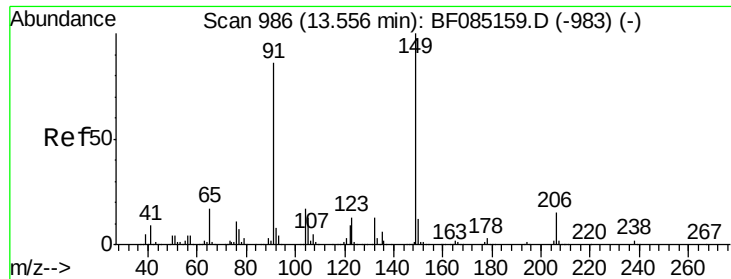
Sohil
 3/11/2016 4:58:16 PM



#78
 Terphenyl-d14
 Concen: 62.38 ng
 RT: 13.05 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

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





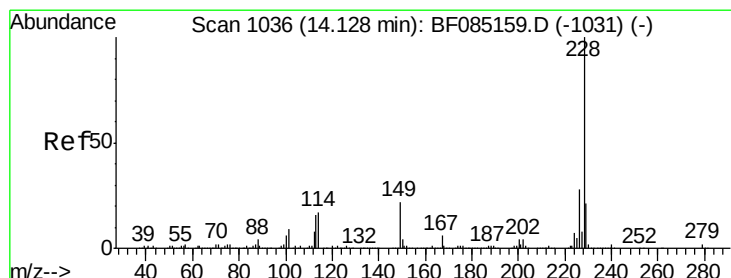
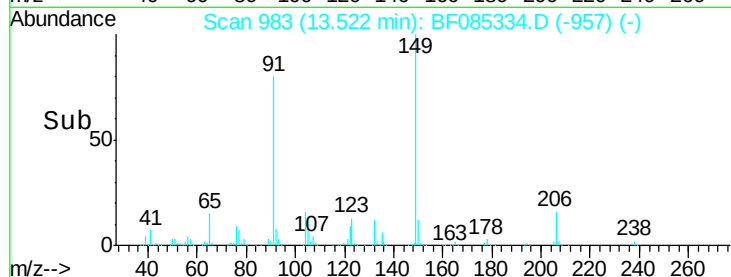
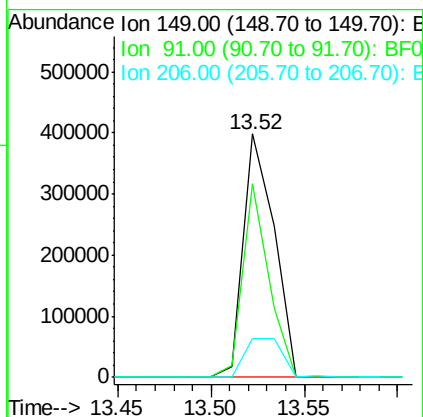
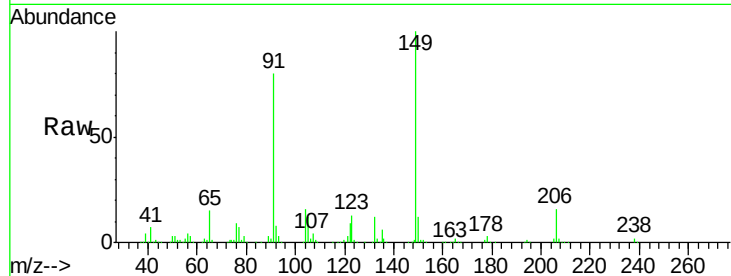
#79
Butylbenzylphthalate
Concen: 28.06 ng
RT: 13.52 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	456219		
91	79.6	69.0	103.4	
206	16.0	12.3	18.5	

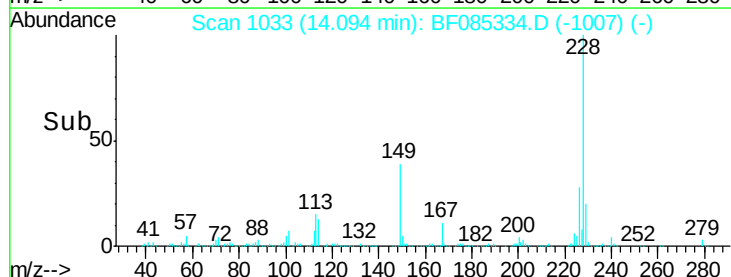
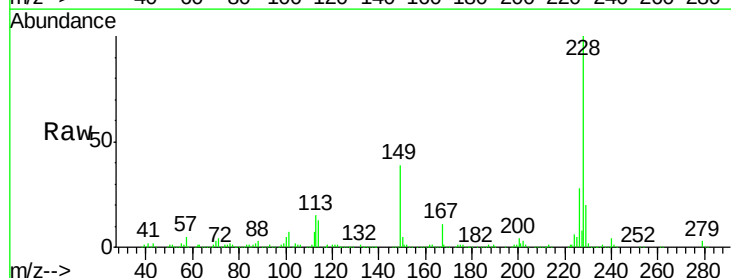
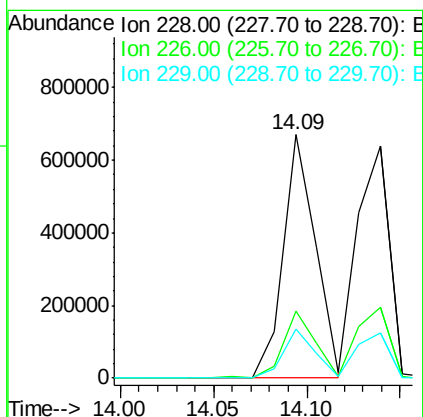
Manual Integrations
APPROVED

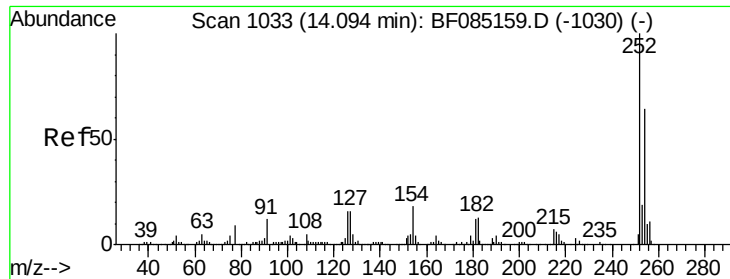
Sohil
3/11/2016 4:58:16 PM



#80
Benzo(a)anthracene
Concen: 28.35 ng
RT: 14.09 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807969		
226	27.6	22.8	34.2	
229	20.1	16.6	24.8	





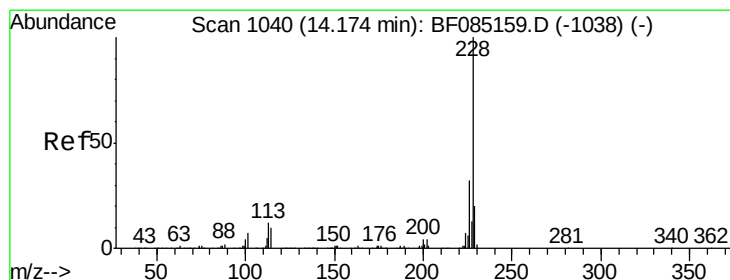
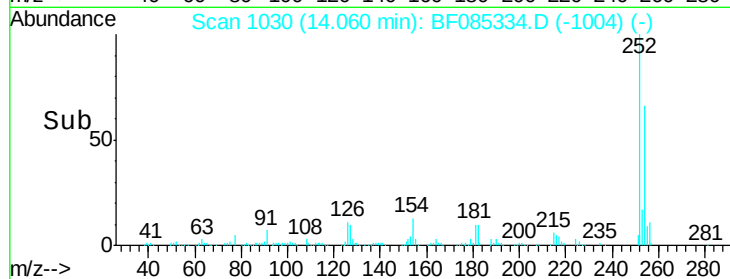
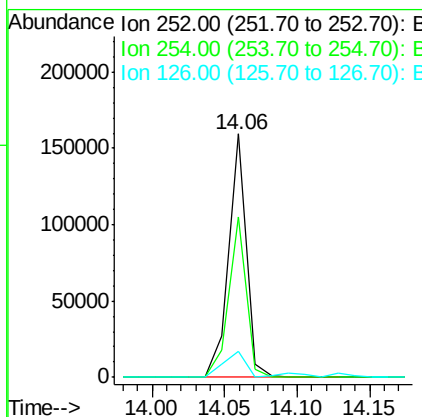
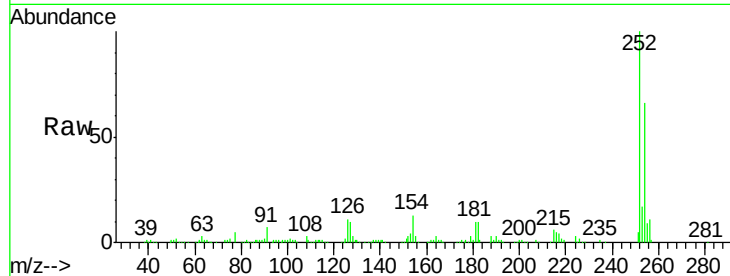
#81
 3,3'-Dichlorobenzidine
 Concen: 14.99 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	51.4	77.0
126	10.5	12.9	19.3

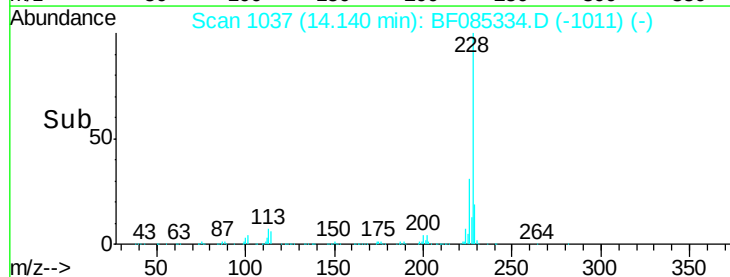
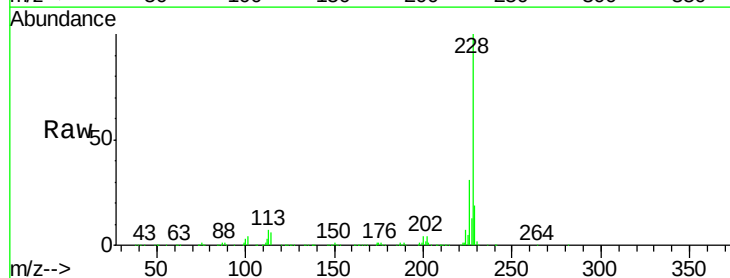
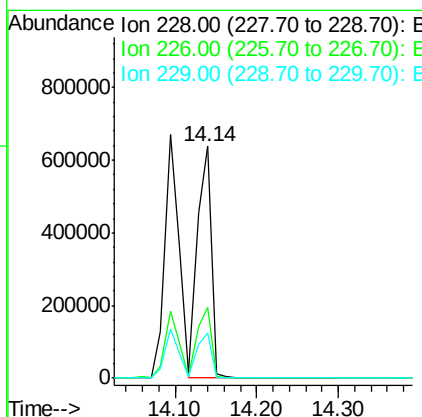
Manual Integrations
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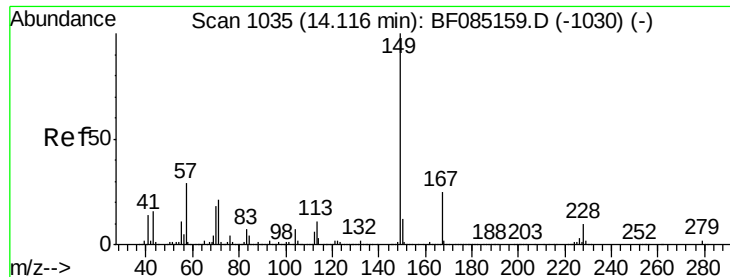
Sohil
 3/11/2016 4:58:16 PM



#82
 Chrysene
 Concen: 29.21 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.2	37.8
229	19.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.07 ng

RT: 14.08 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

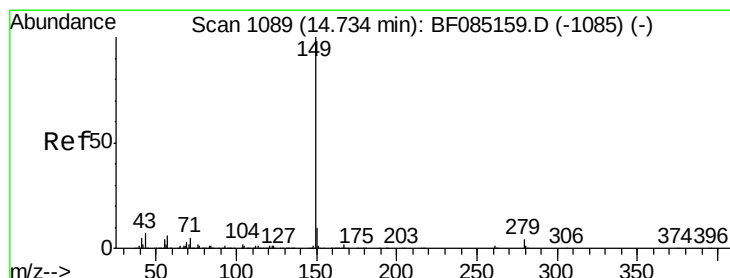
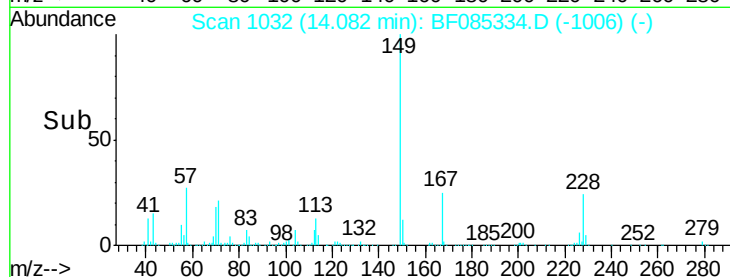
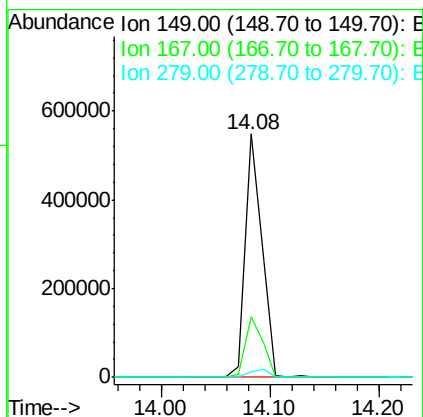
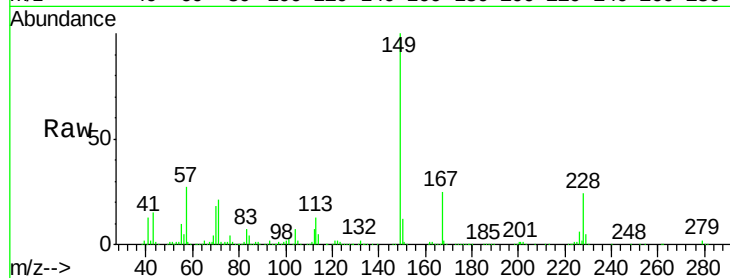
ClientSampleId :

PB88797BS

Tgt Ion:	149	Resp:	579234
Ion Ratio	Lower	Upper	
149	100		
167	24.7	20.3	30.5
279	2.2	1.9	2.9

Manual Integrations
APPROVED

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3/11/2016 4:58:16 PM



#84

Di-n-octyl phthalate

Concen: 28.87 ng

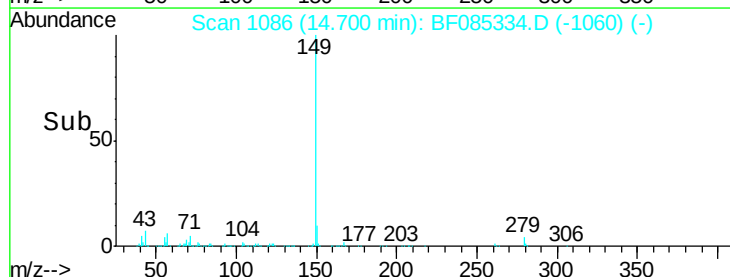
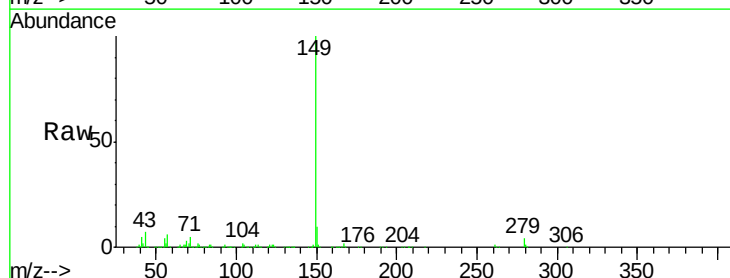
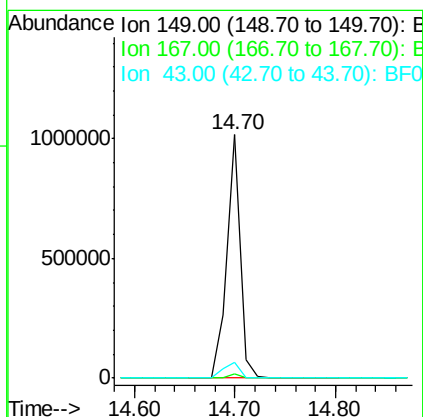
RT: 14.70 min Scan# 1086

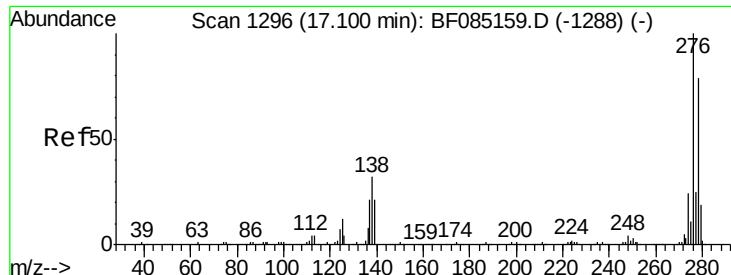
Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:	149	Resp:	940686
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	7.9	7.8	11.8





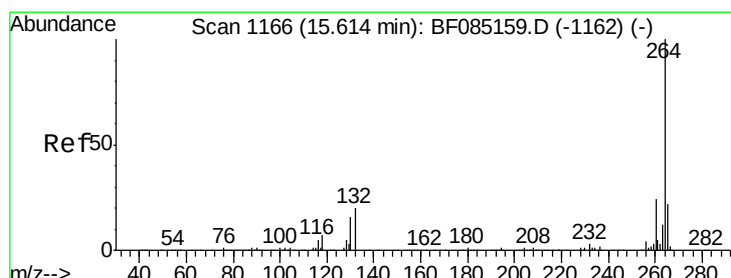
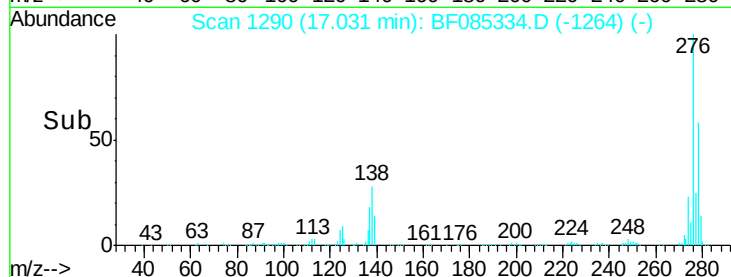
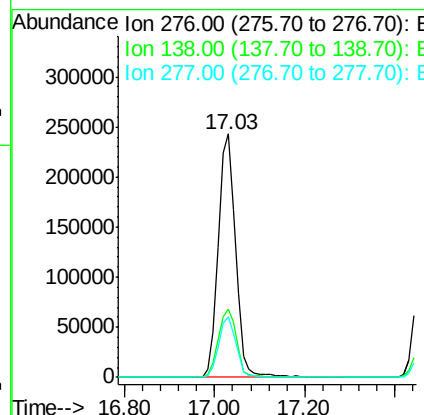
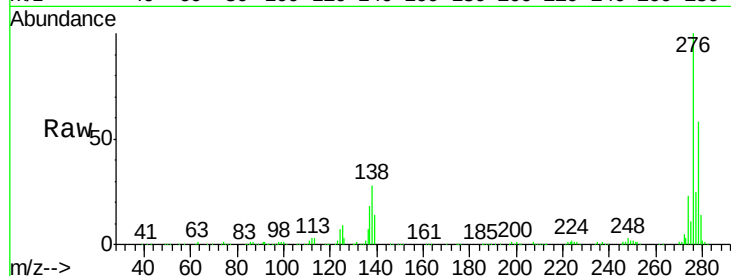
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.90 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	26.4	39.6
277	25.0	20.2	30.2

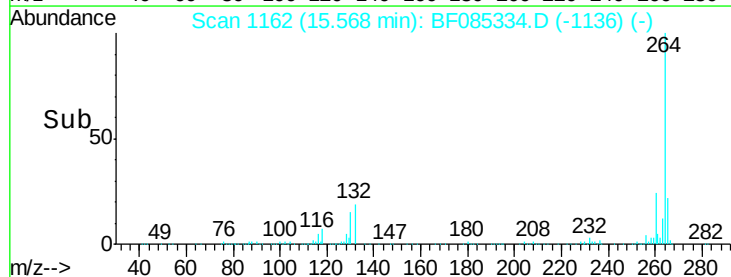
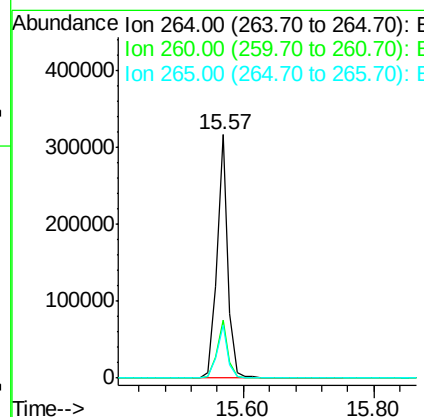
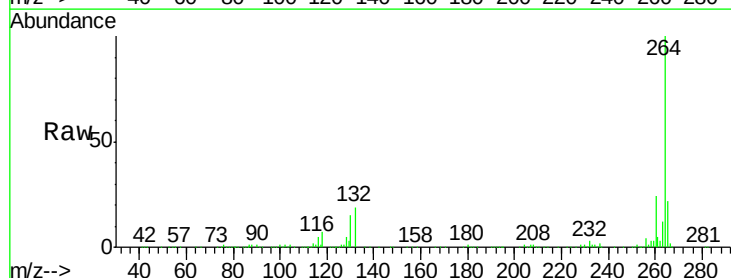
Manual Integrations
 APPROVED

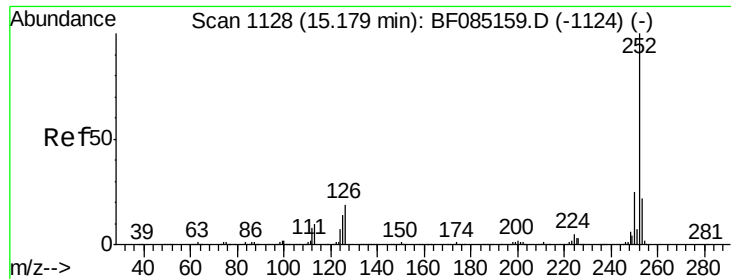
Sohil
 3/11/2016 4:58:16 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF085334.D
 Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.3	25.9





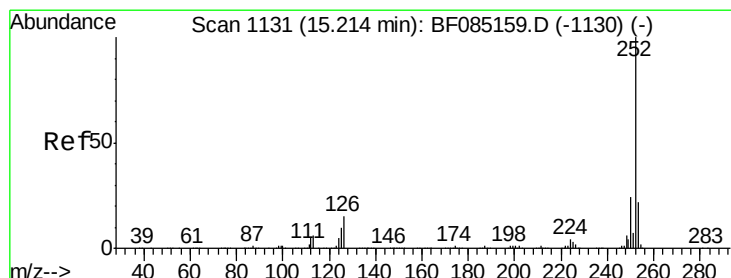
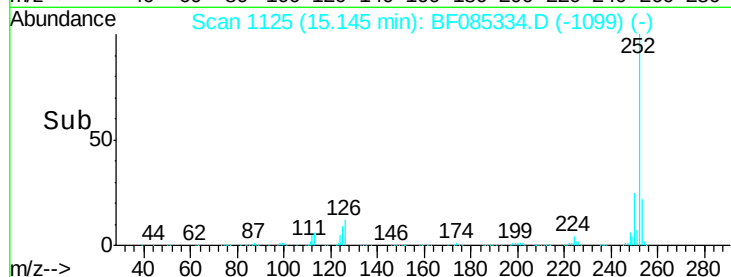
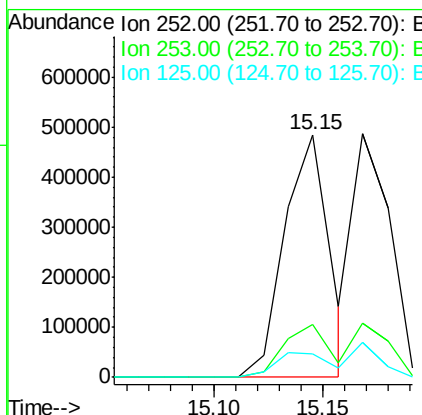
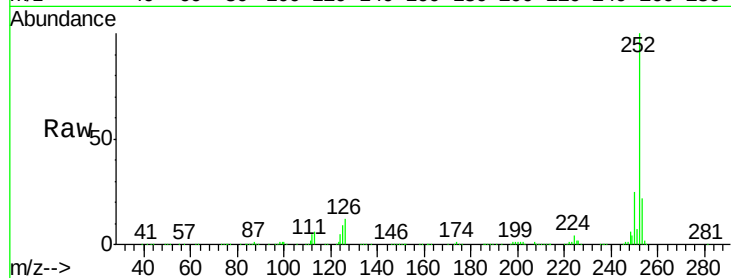
#87
Benzo(b)fluoranthene
Concen: 27.89 ng
RT: 15.15 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.4	11.3	16.9

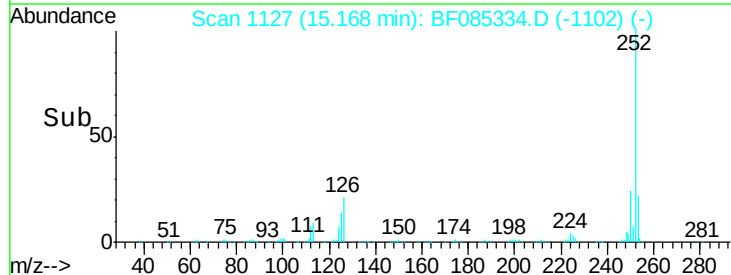
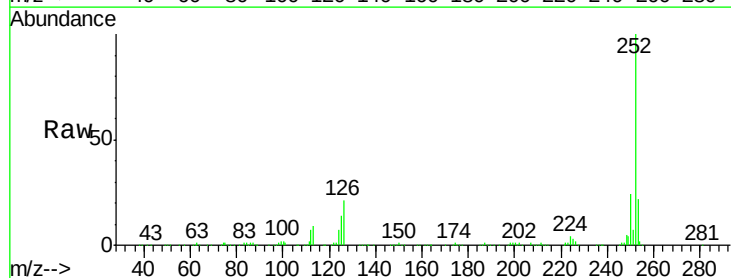
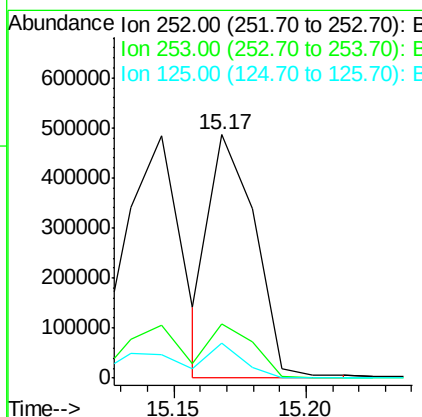
Manual Integrations
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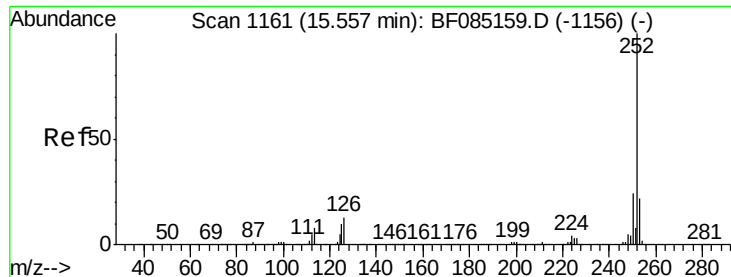
Sohil
3/11/2016 4:58:16 PM



#88
Benzo(k)fluoranthene
Concen: 29.25 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.2	10.4	15.6





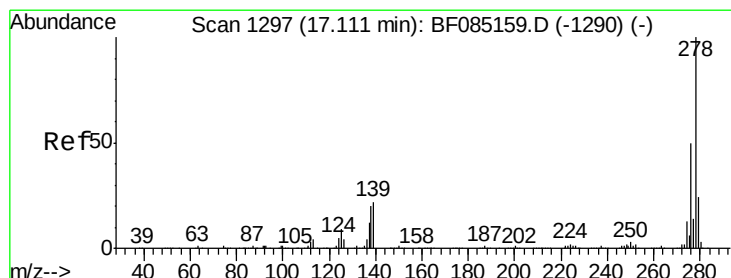
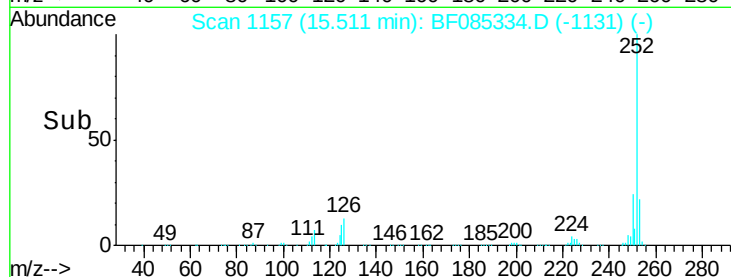
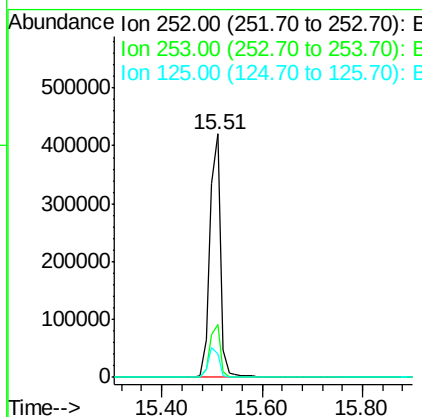
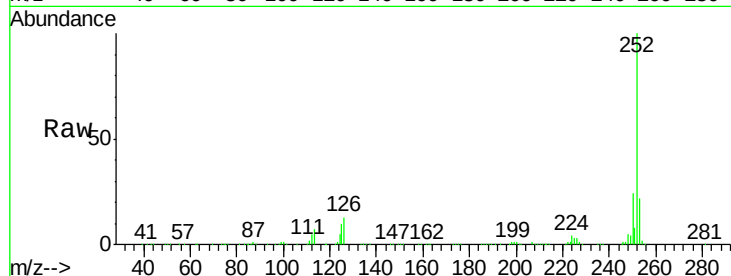
#89
Benzo(a)pyrene
Concen: 29.74 ng
RT: 15.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Instrument :
BNA_F
ClientSampled :
PB88797BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	9.8	8.2	12.4

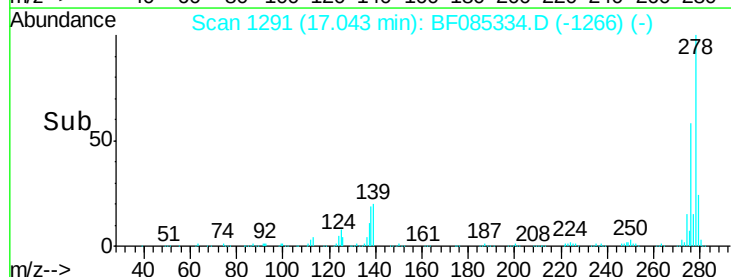
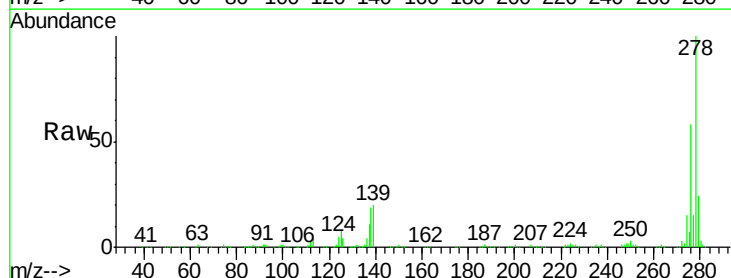
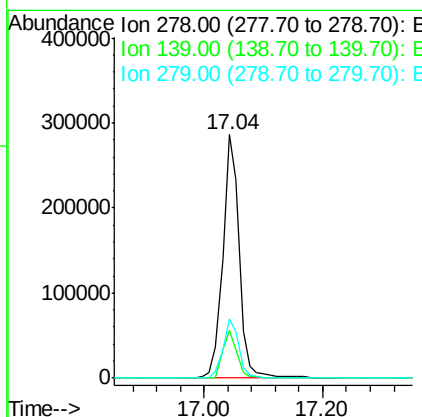
Manual Integrations
APPROVED

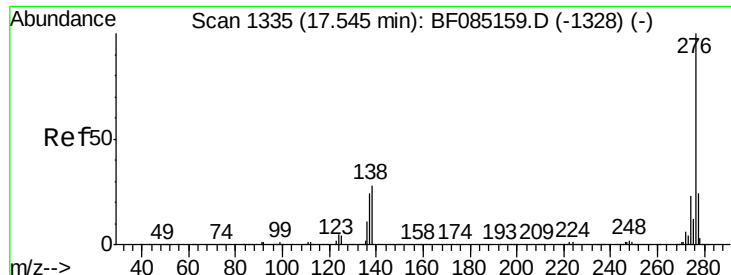
Sohil
3/11/2016 4:58:16 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.27 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF085334.D
Acq: 10 Mar 2016 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.3	25.9
279	24.2	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 31.54 ng

RT: 17.48 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF085334.D

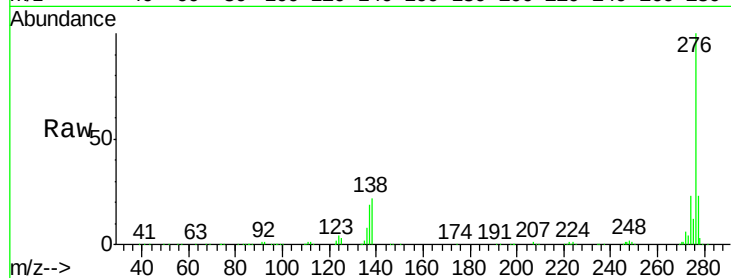
Acq: 10 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt Ion: 276 Resp: 558440

Ion Ratio Lower Upper

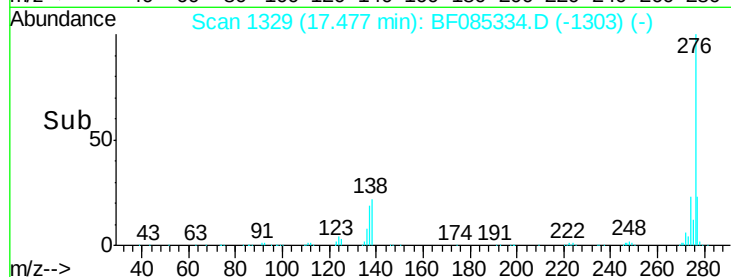
276 100

277 23.5 19.0 28.4

138 22.3 22.5 33.7#

Manual Integrations
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3/11/2016 4:58:16 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

