

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086041.D
 Acq On : 4 Apr 2016 16:38
 Operator : UM/SJ
 Sample : PB89461BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Manual Integrations
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Sohil
 4/5/2016 6:39:02 PM

Quant Time: Apr 05 01:38:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115270	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	455504	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	225070	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	429143	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	350790	20.00	ng	-0.01
86) Perylene-d12	15.32	264	309754	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	819017	121.45	ng	0.00
7) Phenol-d6	6.41	99	961950	112.30	ng	-0.01
23) Nitrobenzene-d5	7.33	82	614254	79.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	253981	120.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1151898	85.10	ng	-0.01
78) Terphenyl-d14	12.87	244	1102557	73.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	103627	32.41	ng	99
3) Pyridine	3.07	79	250823	35.04	ng	99
4) n-Nitrosodimethylamine	3.01	42	122746	39.00	ng	99
6) Aniline	6.43	93	300284	26.72	ng	# 87
8) 2-Chlorophenol	6.54	128	306148	38.07	ng	92
9) Benzaldehyde	6.32	77	112716	24.46	ng	92
10) Phenol	6.42	94	348854	35.70	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	268246	34.67	ng	94
12) 1,3-Dichlorobenzene	6.70	146	306290	35.93	ng	99
13) 1,4-Dichlorobenzene	6.77	146	314360	35.80	ng	98
14) 1,2-Dichlorobenzene	6.93	146	300256	37.15	ng	100
15) Benzyl Alcohol	6.91	79	226625	40.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	338857	35.85	ng	90
17) 2-Methylphenol	7.04	107	254948	40.21	ng	97
18) Hexachloroethane	7.26	117	114395	35.42	ng	# 80
19) n-Nitroso-di-n-propylamine	7.18	70	203372	38.30	ng	98
20) 3+4-Methylphenols	7.18	107	319323	41.41	ng	# 88
22) Acetophenone	7.17	105	406619	37.97	ng	# 95
24) Nitrobenzene	7.36	77	309513	36.63	ng	# 82
25) Isophorone	7.60	82	597835	39.21	ng	# 93
26) 2-Nitrophenol	7.66	139	159762	39.52	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	273549	37.67	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	355173	39.70	ng	98
29) 2,4-Dichlorophenol	7.92	162	249173	40.59	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	260647	37.82	ng	94
31) Naphthalene	8.06	128	851460	37.16	ng	100
32) Benzoic acid	7.86	122	175611	32.96	ng	98
33) 4-Chloroaniline	8.13	127	159378	17.22	ng	98
34) Hexachlorobutadiene	8.19	225	134634	36.34	ng	99
35) Caprolactam	8.50	113	87840m	45.10	ng	
36) 4-Chloro-3-methylphenol	8.62	107	295375	42.80	ng	89
37) 2-Methylnaphthalene	8.76	142	581664	38.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238212	35.21	ng	99
40) Hexachlorocyclopentadiene	8.91	237	182895	76.18	ng	99

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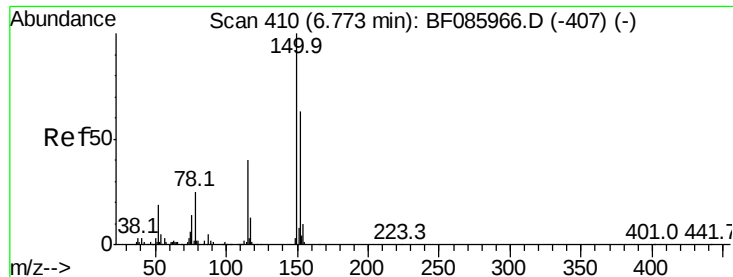
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	172004	39.60	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	175263	39.74	nq	# 95
45) 1,1'-Biphenyl	9.22	154	691253	35.62	nq	99
46) 2-Chloronaphthalene	9.25	162	536628	38.15	nq	99
47) 2-Nitroaniline	9.36	65	183362	44.55	nq	85
48) Acenaphthylene	9.66	152	883238	39.19	nq	99
49) Dimethylphthalate	9.53	163	633268	37.96	nq	99
50) 2,6-Dinitrotoluene	9.60	165	145461	41.21	nq	88
51) Acenaphthene	9.84	154	523532	39.06	nq	100
52) 3-Nitroaniline	9.77	138	109861	25.83	nq	93
53) 2,4-Dinitrophenol	9.88	184	141820	64.81	nq	# 81
54) Dibenzofuran	10.01	168	723764	40.89	nq	99
55) 4-Nitrophenol	9.95	139	226811	90.45	nq	# 81
56) 2,4-Dinitrotoluene	10.01	165	195119	43.75	nq	# 75
57) Fluorene	10.35	166	612179	40.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	150283	45.77	nq	94
59) Diethylphthalate	10.22	149	635510	37.74	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	265533	37.70	nq	100
61) 4-Nitroaniline	10.38	138	172844	41.26	nq	92
62) Azobenzene	10.50	77	689081	42.73	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	104999	40.37	nq	# 57
65) n-Nitrosodiphenylamine	10.46	169	549665	40.96	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	176931	40.38	nq	97
67) Hexachlorobenzene	10.90	284	190143	41.97	nq	98
68) Atrazine	10.99	200	162922	37.57	nq	97
69) Pentachlorophenol	11.09	266	167513	78.89	nq	98
70) Phenanthrene	11.31	178	957503	40.90	nq	100
71) Anthracene	11.36	178	905013	36.90	nq	100
72) Carbazole	11.52	167	803917	38.13	nq	99
73) Di-n-butylphthalate	11.85	149	1049096	40.16	nq	100
74) Fluoranthene	12.49	202	935570	38.42	nq	100
76) Benzidine	12.61	184	422789	34.16	nq	100
77) Pyrene	12.72	202	966023	39.08	nq	99
79) Butylbenzylphthalate	13.33	149	449226	40.36	nq	# 68
80) Benzo(a)anthracene	13.91	228	801176	38.75	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	141000	9.34	nq	99
82) Chrysene	13.95	228	801541	40.24	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	577526	39.09	nq	100
84) Di-n-octyl phthalate	14.51	149	1076749	45.64	nq	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	636284	39.37	nq	99
87) Benzo(b)fluoranthene	14.92	252	958798m	49.21	nq	
88) Benzo(k)fluoranthene	14.96	252	561174m	32.52	nq	
89) Benzo(a)pyrene	15.27	252	704294	40.79	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	530735	38.21	nq	99
91) Benzo(g,h,i)perylene	17.08	276	512491	38.12	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

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BNA_F

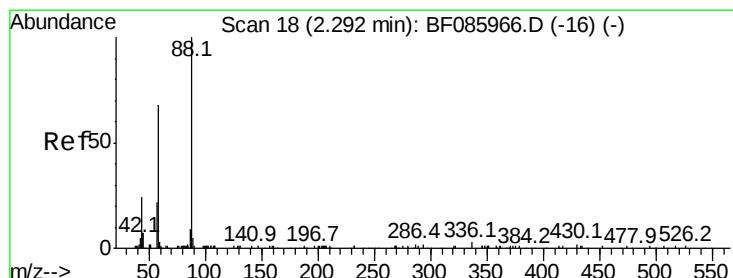
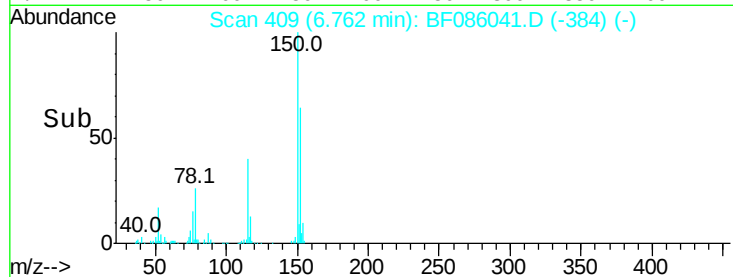
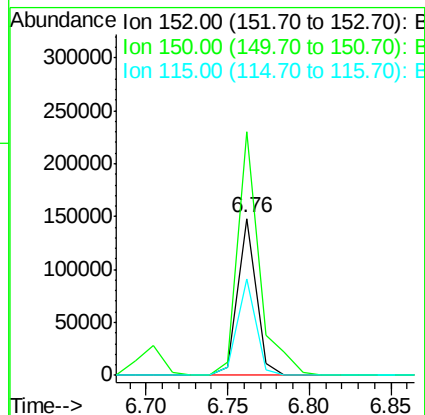
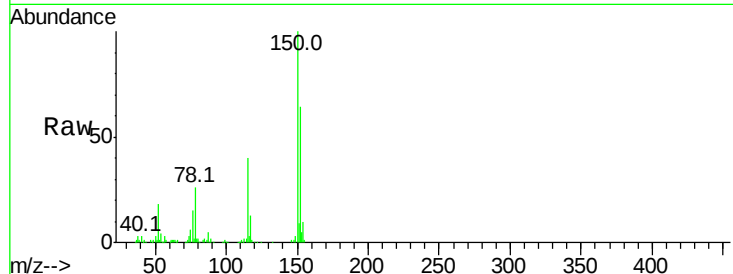
ClientSampleId :

PB89461BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	61.7	47.0	70.6

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#2

1,4-Dioxane

Concen: 32.41 ng

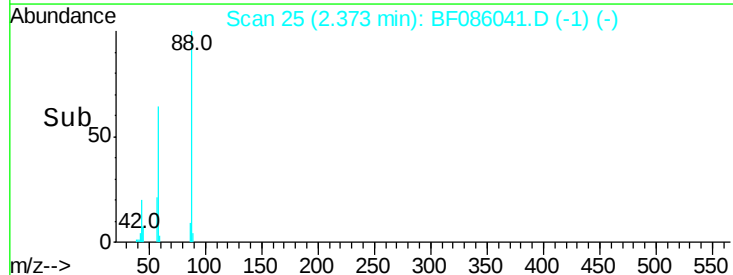
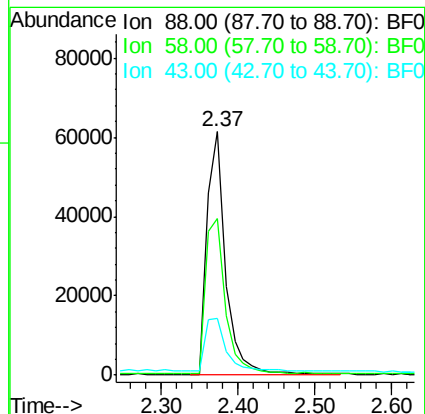
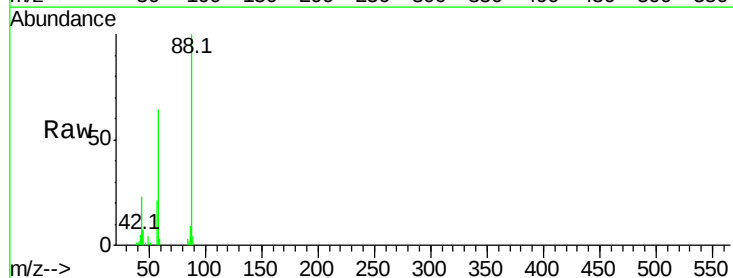
RT: 2.37 min Scan# 25

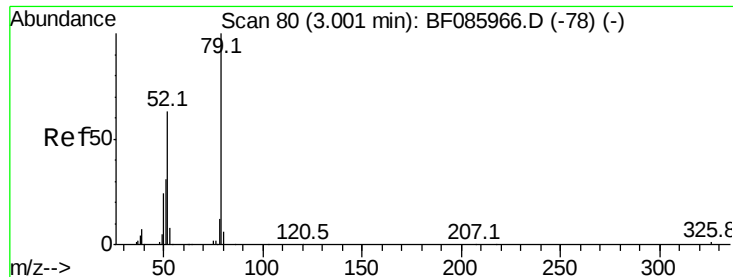
Delta R.T. 0.08 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.2	81.2
43	24.7	19.3	28.9





#3

Pvridine

Concen: 35.04 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

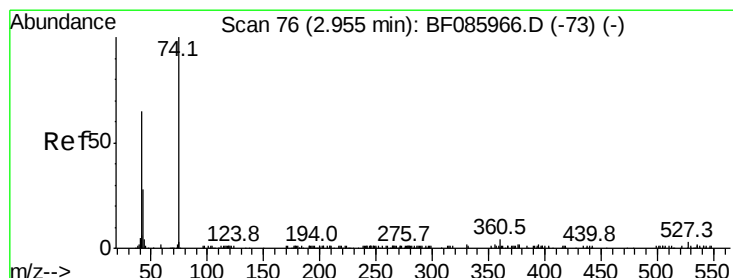
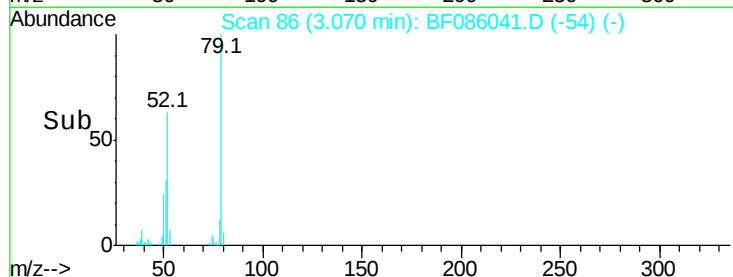
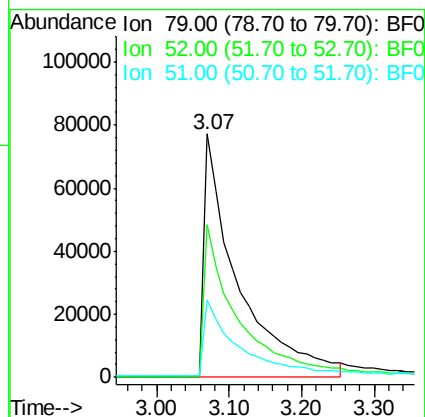
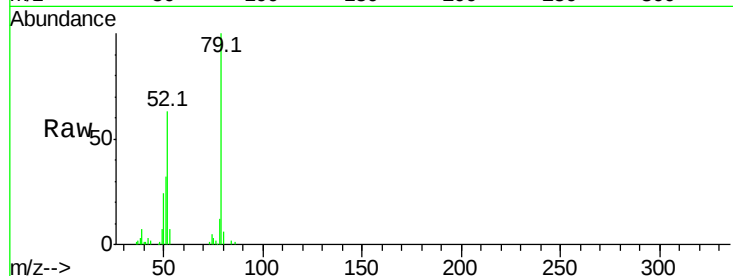
ClientSampleId :

PB89461BS

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Tot Ion	79	Resp	250823
Ion Ratio	Lower	Upper	
79	100		
52	62.6	49.8	74.6
51	31.8	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 39.00 ng

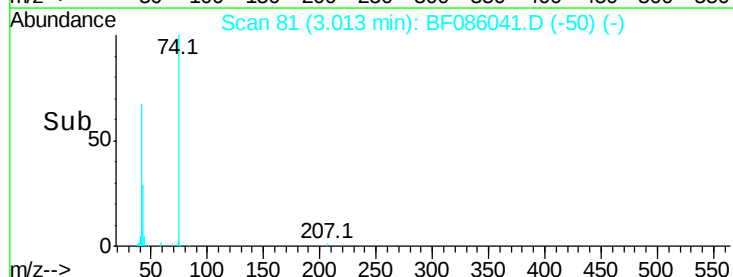
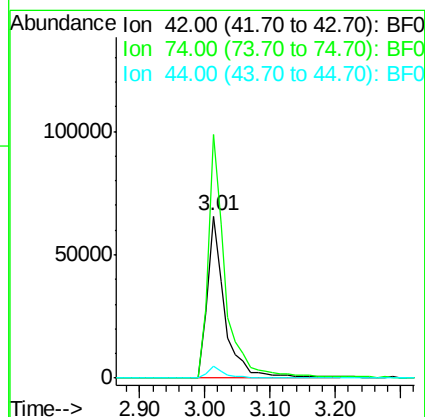
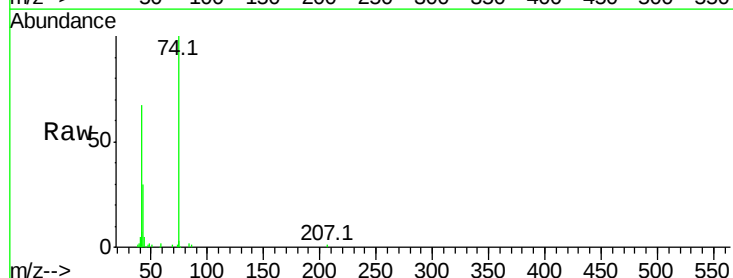
RT: 3.01 min Scan# 81

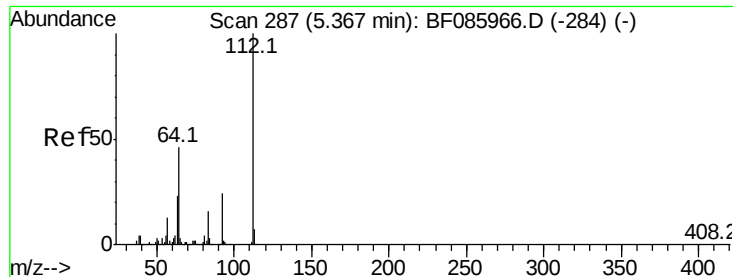
Delta R.T. 0.06 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	42	Resp	122746
Ion Ratio	Lower	Upper	
42	100		
74	150.3	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 121.45 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

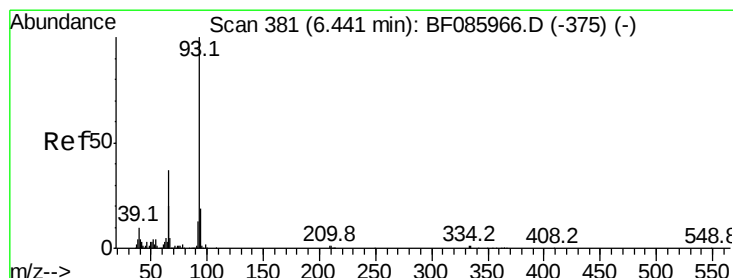
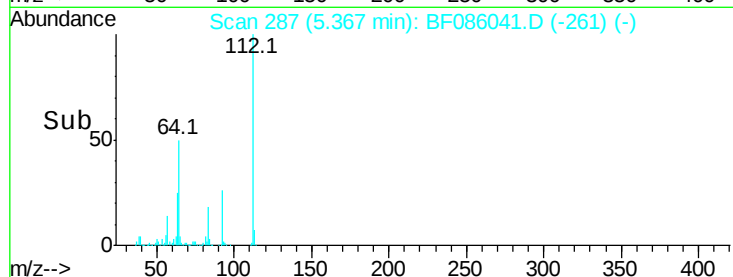
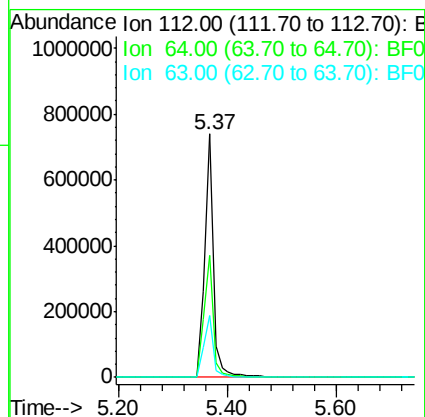
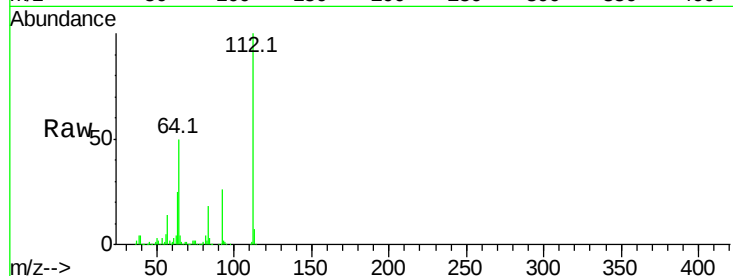
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	819017		
64	50.1	39.9	59.9	
63	25.2	20.2	30.2	



#6

Aniline

Concen: 26.72 ng

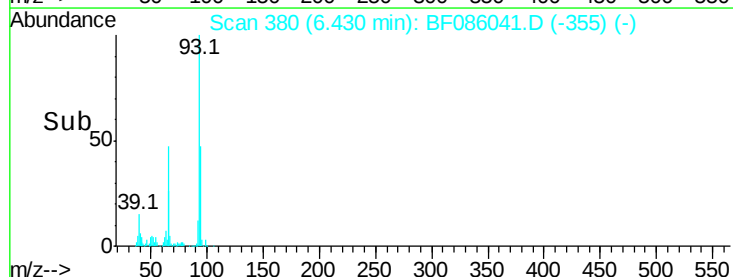
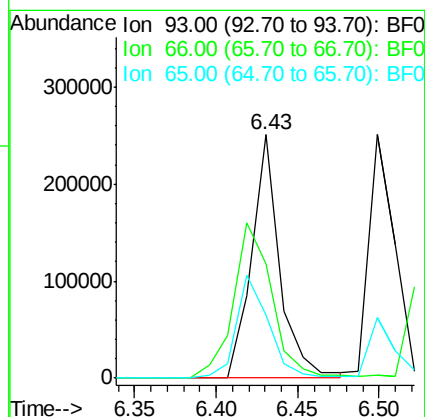
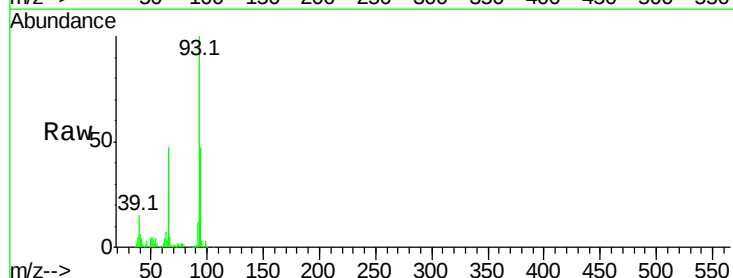
RT: 6.43 min Scan# 380

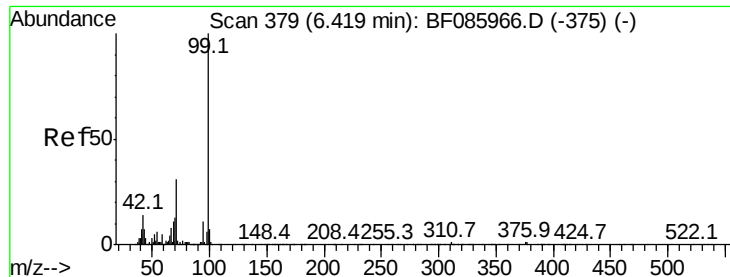
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	300284		
66	46.7	31.4	47.2	
65	26.0	15.7	23.5	





#7

Phenol-d6

Concen: 112.30 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

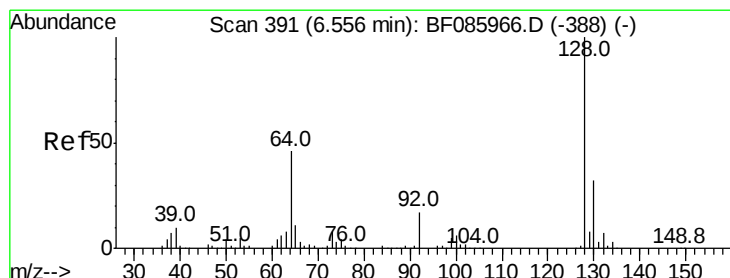
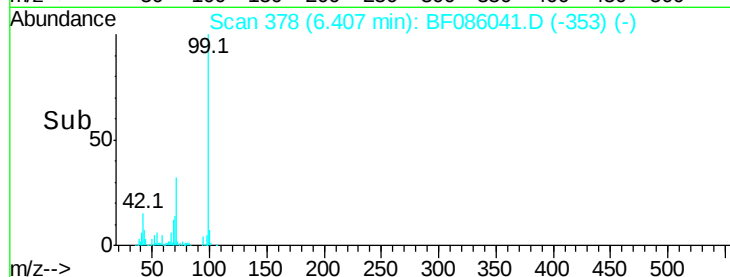
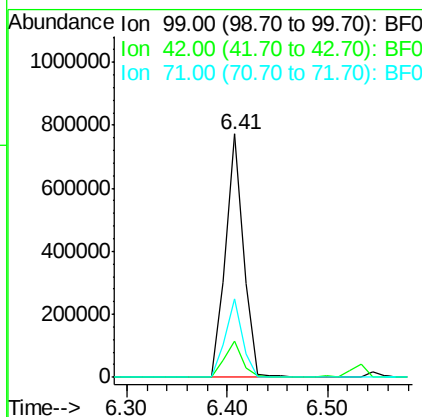
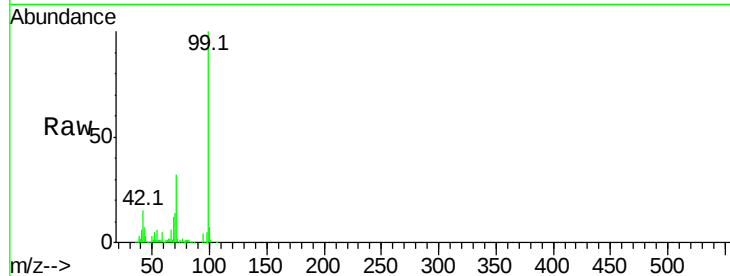
ClientSampleId :

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Tot Ion:	99	Resp:	961950
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.1	16.7
71	32.4	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.07 ng

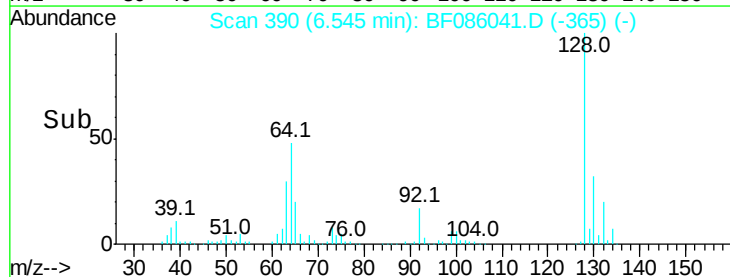
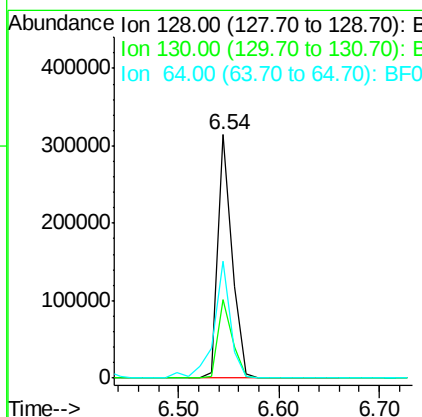
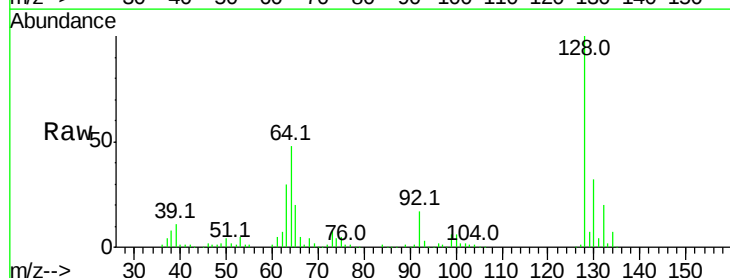
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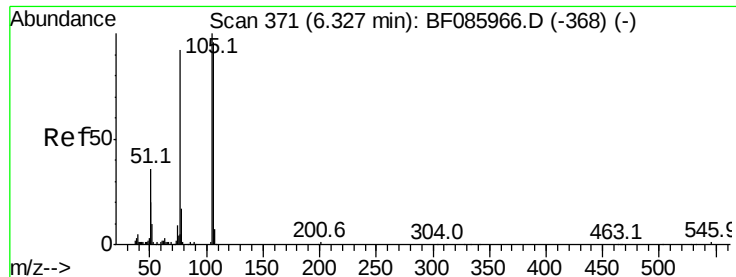
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	128	Resp:	306148
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	48.0	20.2	60.2





#9

Benzaldehyde

Concen: 24.46 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

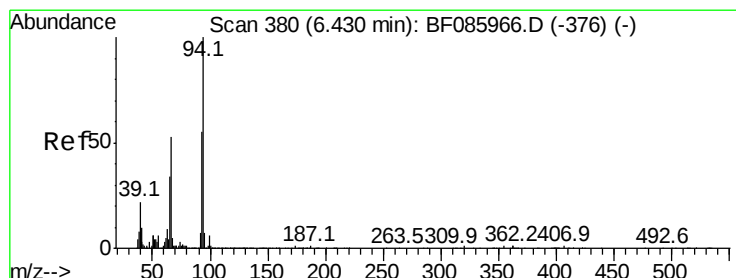
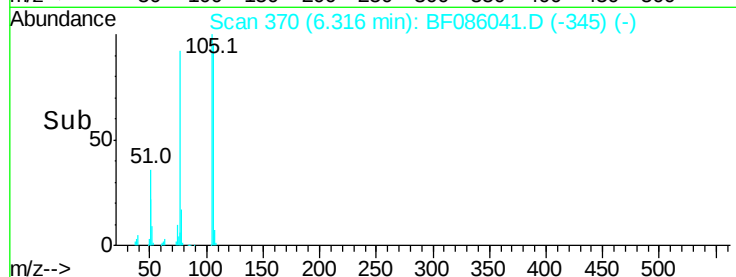
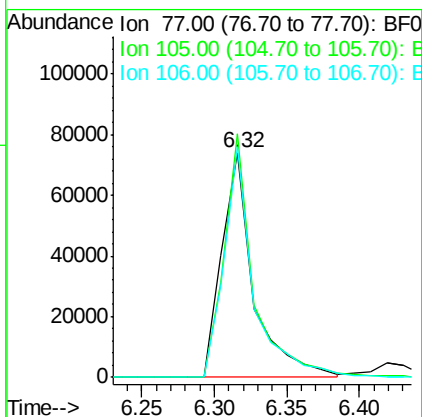
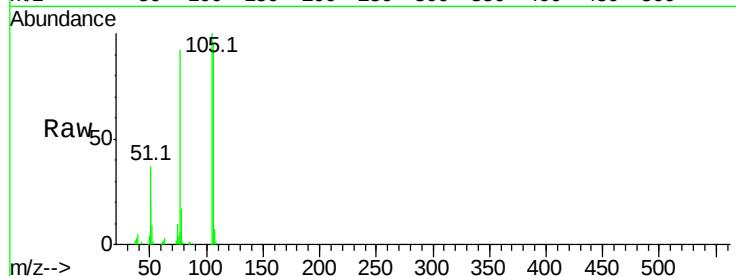
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Tot Ion:	77	Resp:	112716
Ion	Ratio	Lower	Upper
77	100		
105	108.3	80.1	120.1
106	102.8	75.0	115.0



#10

Phenol

Concen: 35.70 ng

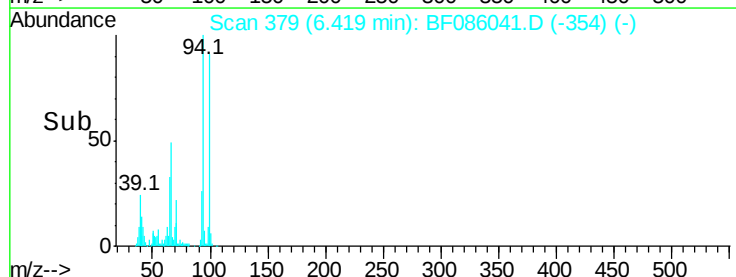
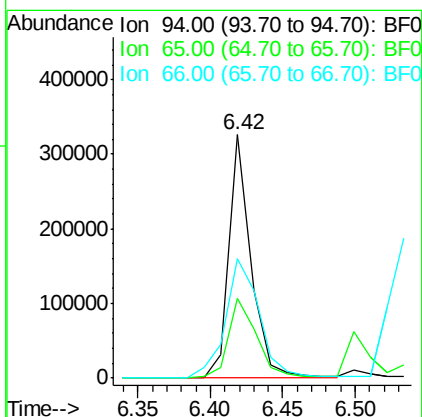
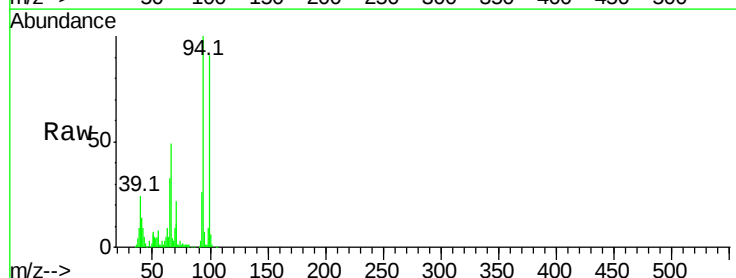
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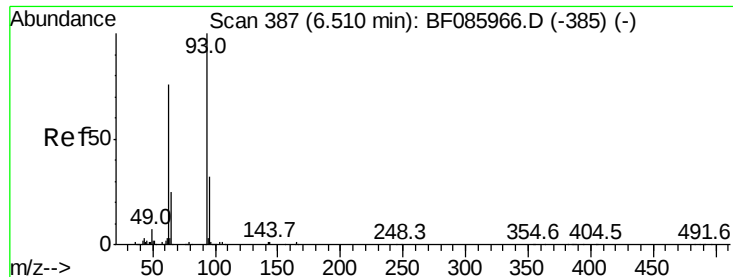
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	94	Resp:	348854
Ion	Ratio	Lower	Upper
94	100		
65	32.6	8.6	48.6
66	49.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

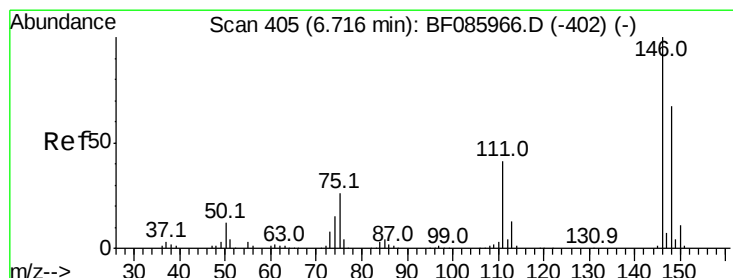
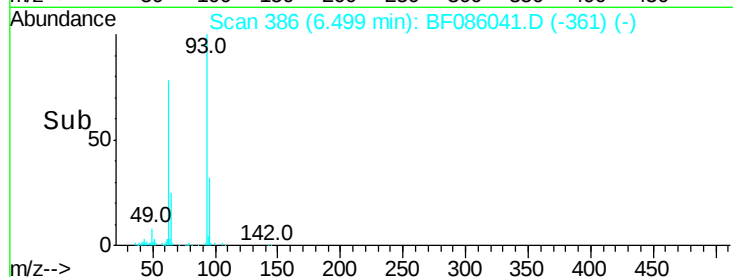
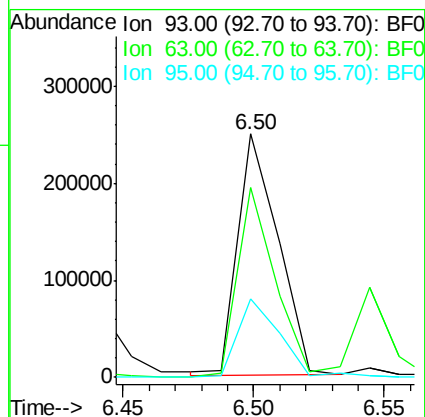
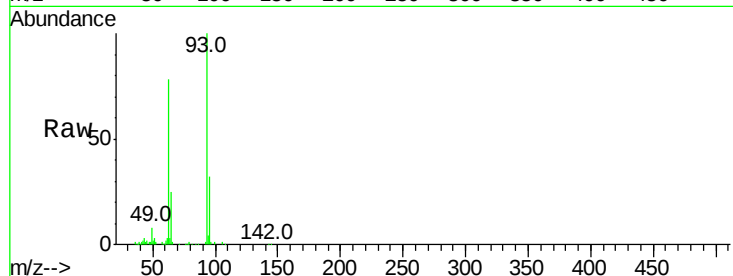
ClientSampleId :

PB89461BS

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Tot Ion	Ratio	Resp	Lower	Upper
93	100	268246		
63	78.0	50.9	90.9	
95	32.4	13.3	53.3	



#12

1,3-Dichlorobenzene

Concen: 35.93 ng

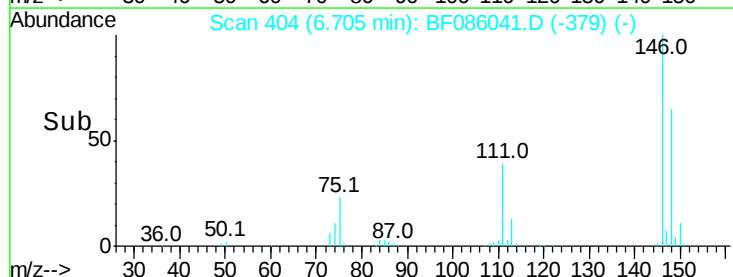
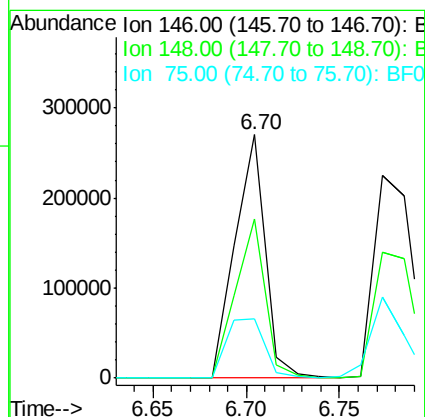
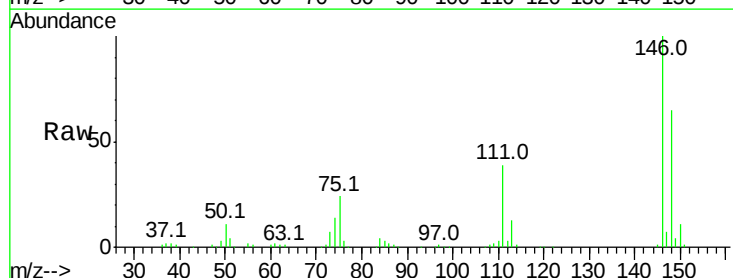
RT: 6.70 min Scan# 404

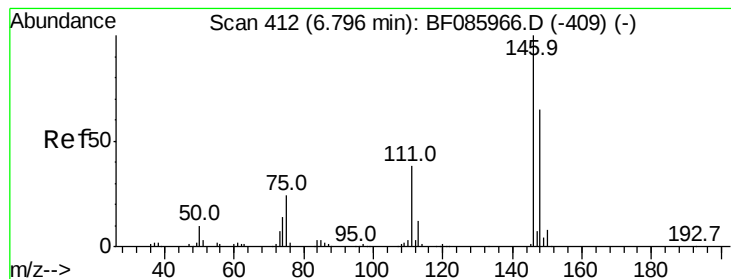
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306290		
148	65.2	52.3	78.5	
75	24.3	17.4	26.2	





#13

1,4-Dichlorobenzene

Concen: 35.80 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

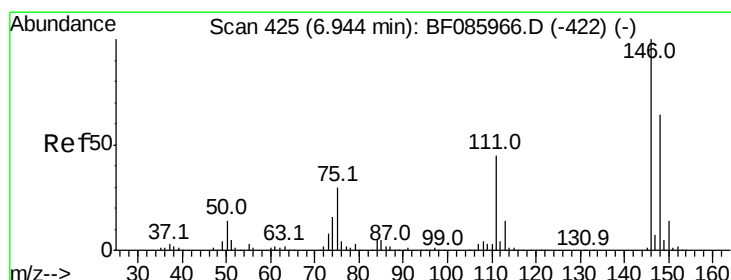
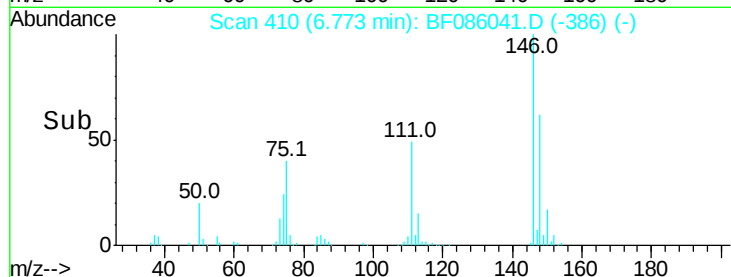
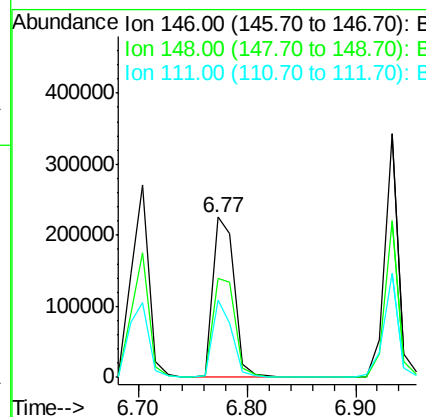
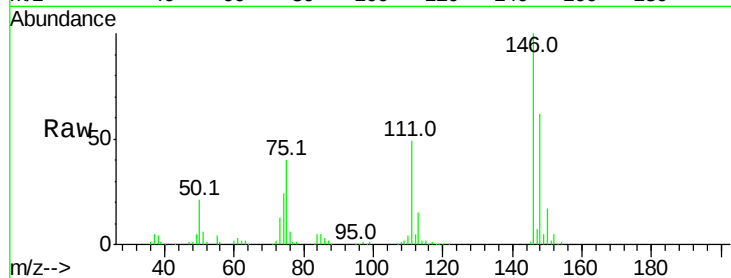
ClientSampled :

PB89461BS

Tot Ion:	146	Resp:	314360
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.6	76.0
111	48.6	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 37.15 ng

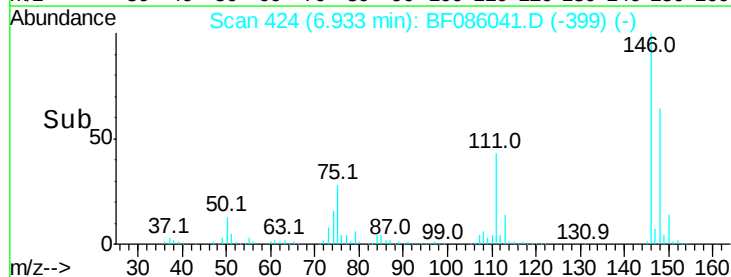
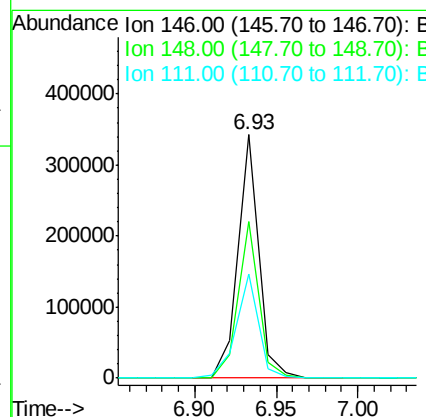
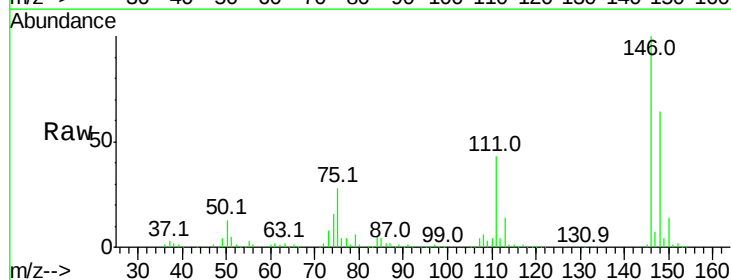
RT: 6.93 min Scan# 424

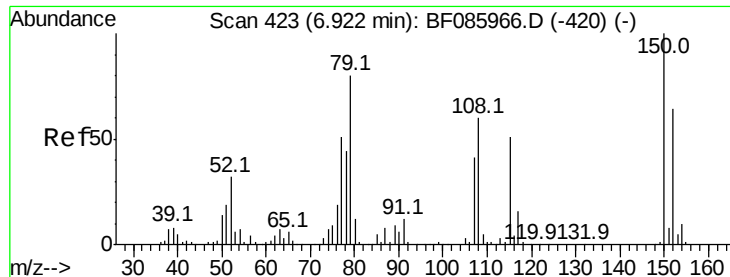
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	146	Resp:	300256
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.2
111	42.9	34.6	52.0





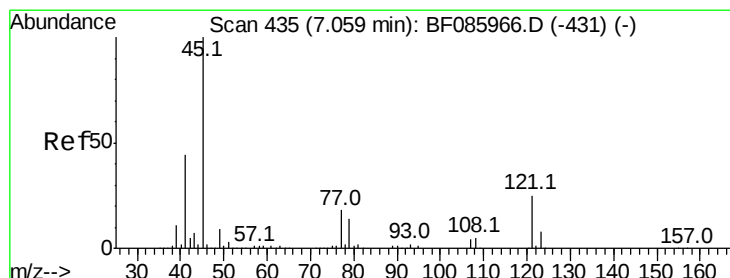
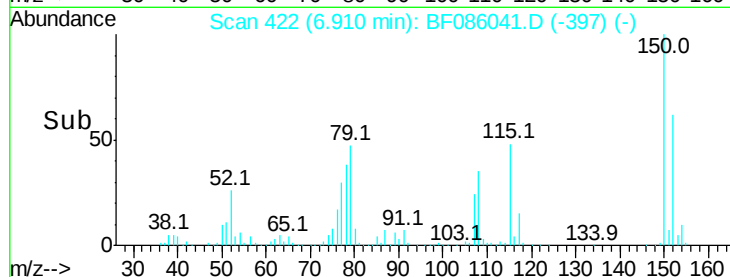
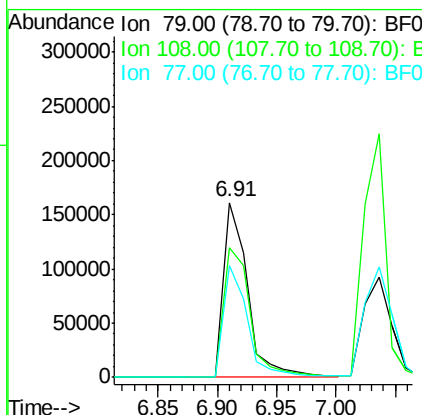
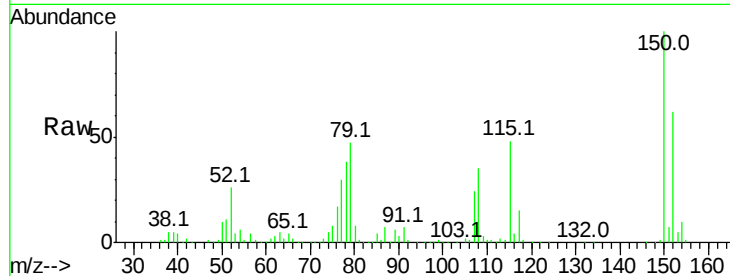
#15
Benzyl Alcohol
Concen: 40.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	61.8	92.6
77	64.0	49.6	74.4

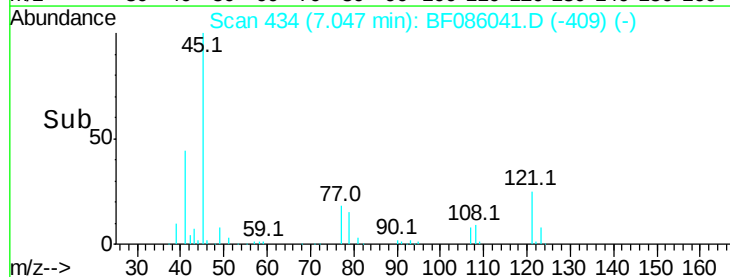
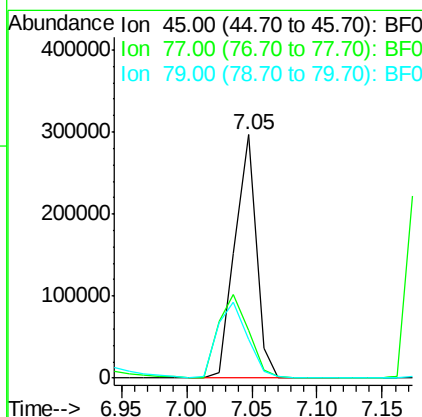
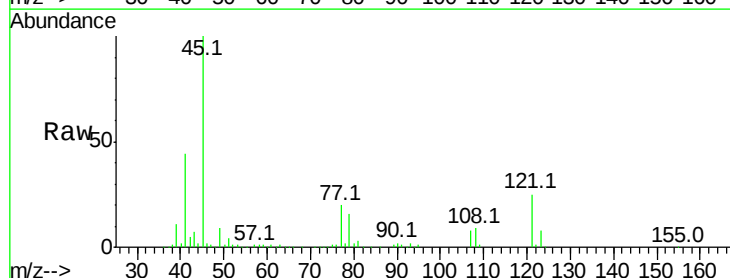
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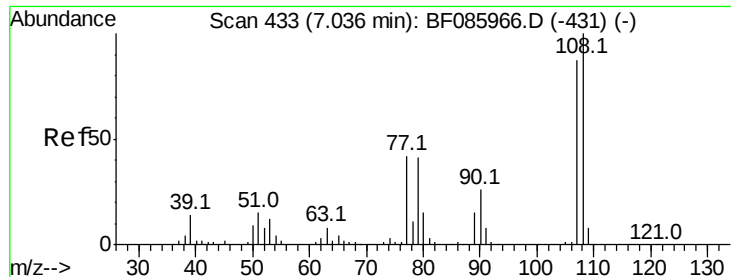
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.85 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	35.7
79	16.0	0.0	32.2





#17

2-Methylphenol

Concen: 40.21 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

Tot Ion:107 Resp: 254948

Ion Ratio Lower Upper

107 100

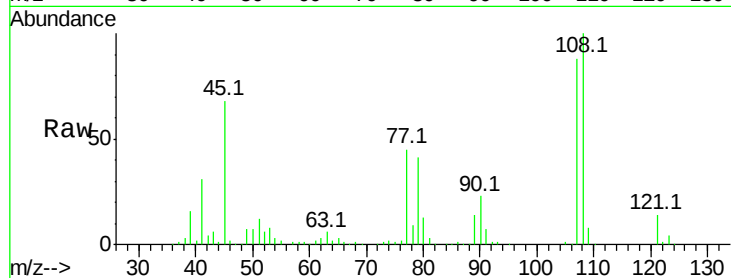
108 113.5 91.4 137.0

77 51.6 36.2 54.2

79 46.8 35.8 53.8

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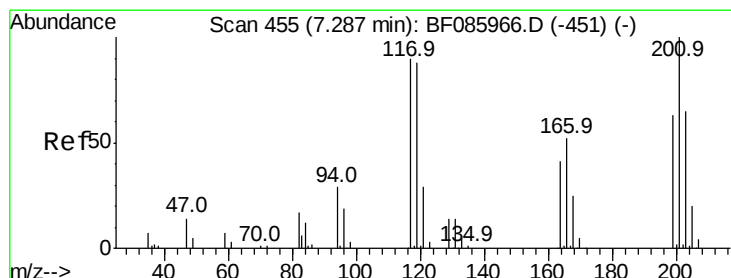
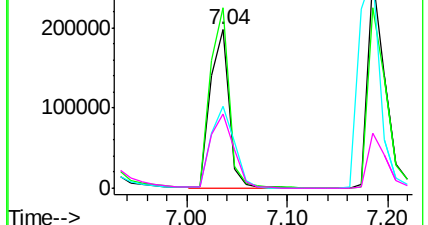
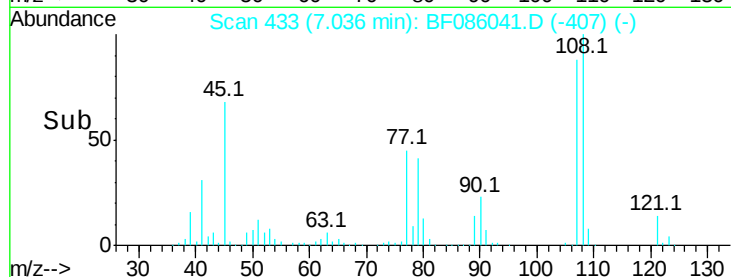


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.42 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

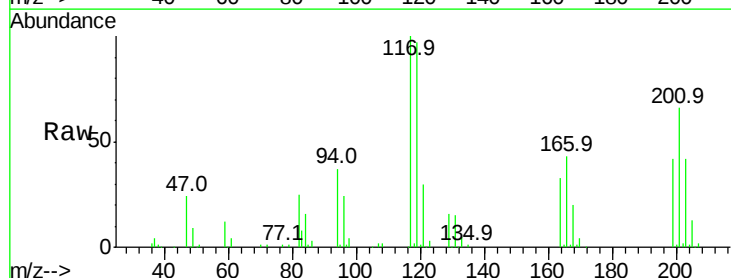
Tgt Ion:117 Resp: 114395

Ion Ratio Lower Upper

117 100

119 96.9 76.7 115.1

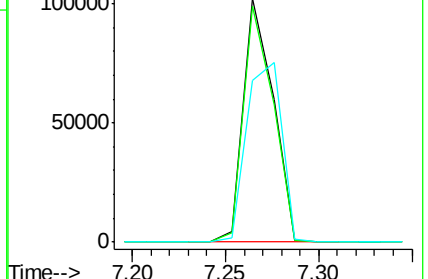
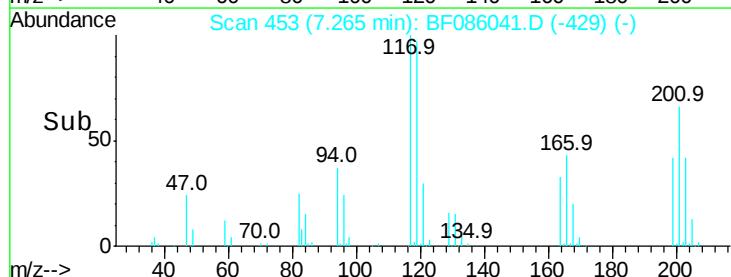
201 66.3 83.3 124.9#

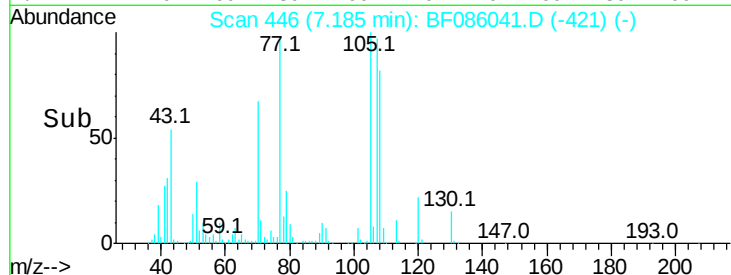
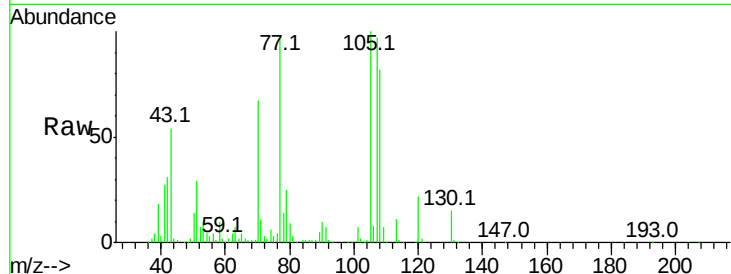
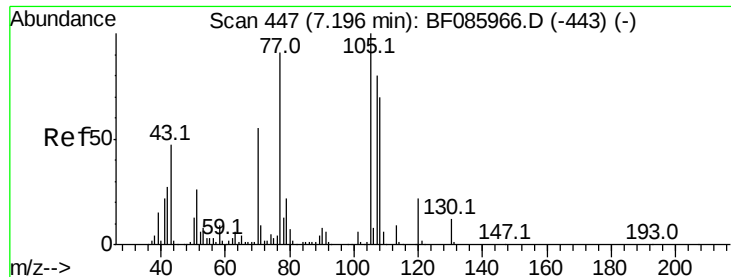


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





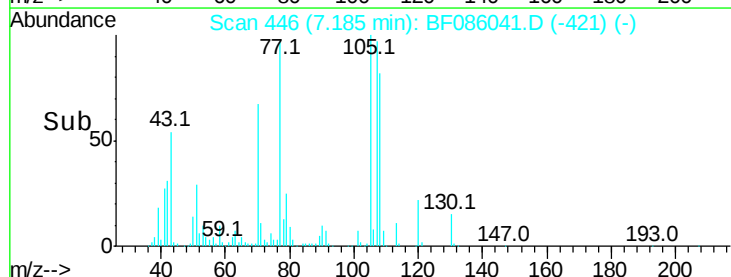
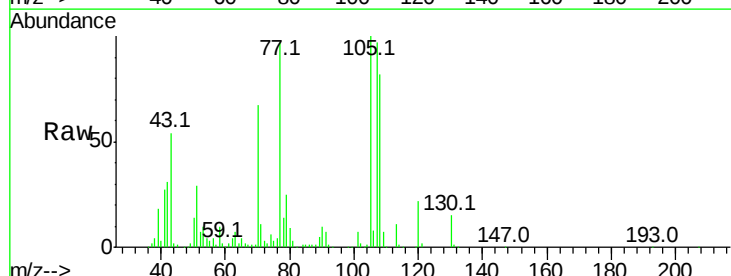
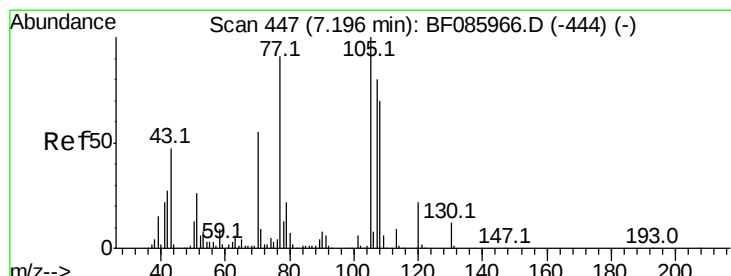
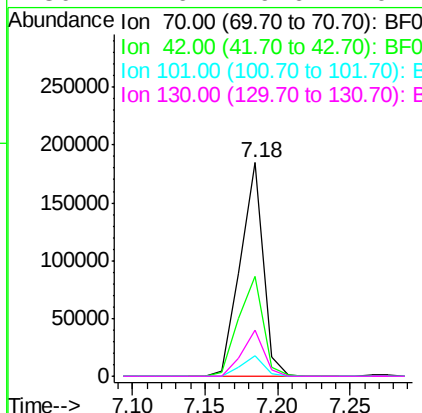
#19
n-Nitroso-di-n-propylamine
Concen: 38.30 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	70	Resp	203372
Ion Ratio	Lower	Upper	
70	100		
42	46.8	37.1	55.7
101	9.7	8.6	12.8
130	21.6	19.6	29.4

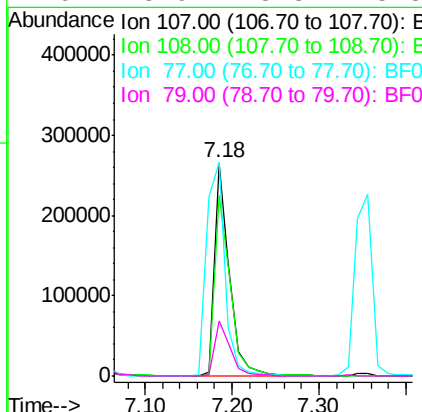
Manual Integrations
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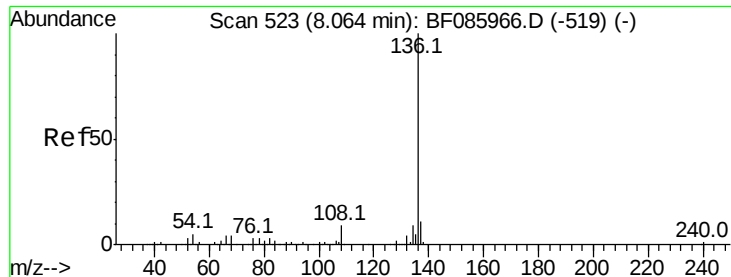
Sohil
4/5/2016 6:39:02 PM



#20
3+4-Methylphenols
Concen: 41.41 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	107	Resp	319323
Ion Ratio	Lower	Upper	
107	100		
108	85.0	69.3	109.3
77	100.3	101.7	141.7#
79	25.9	8.3	48.3





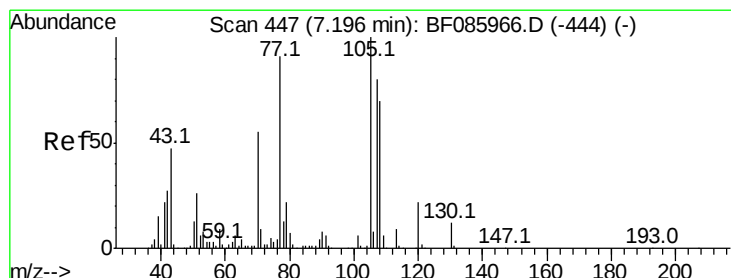
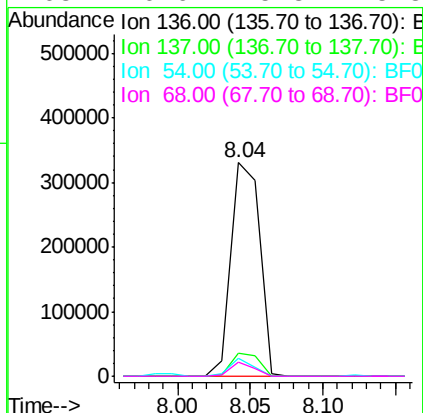
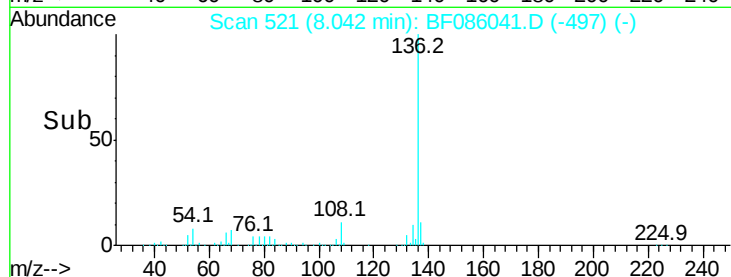
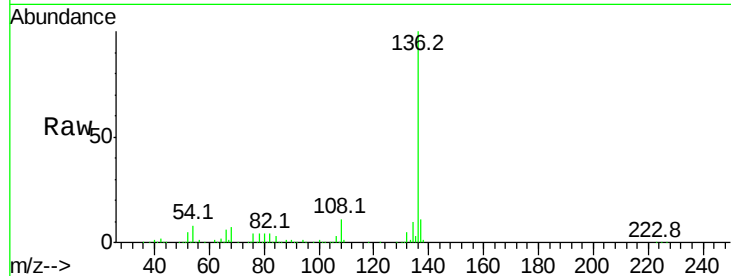
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	8.4	7.4	11.0	
68	6.6	5.8	8.8	

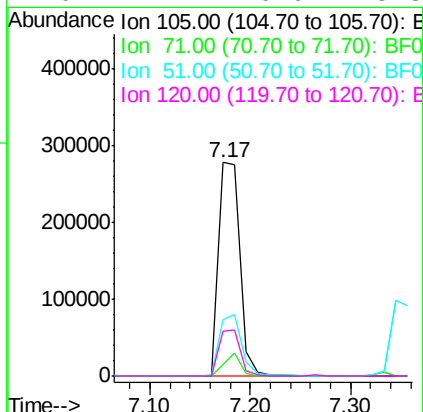
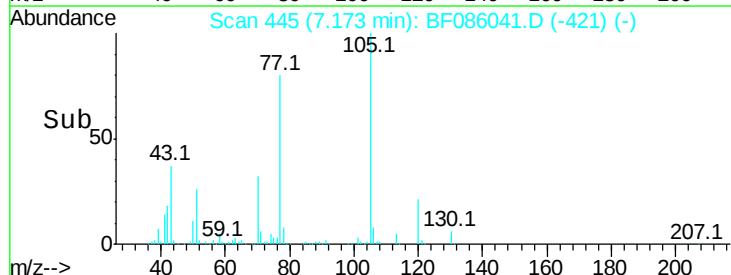
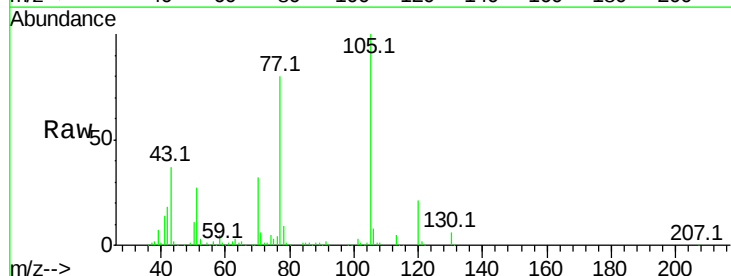
Manual Integrations
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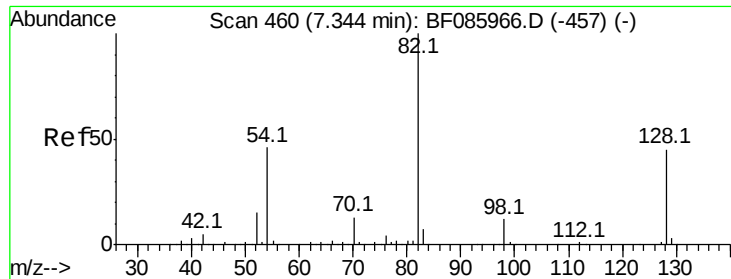
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#22
Acetophenone
Concen: 37.97 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	3.6	5.4#	
51	26.5	25.4	38.0	
120	21.1	16.9	25.3	





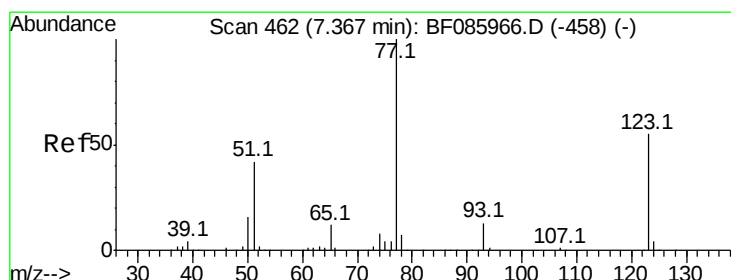
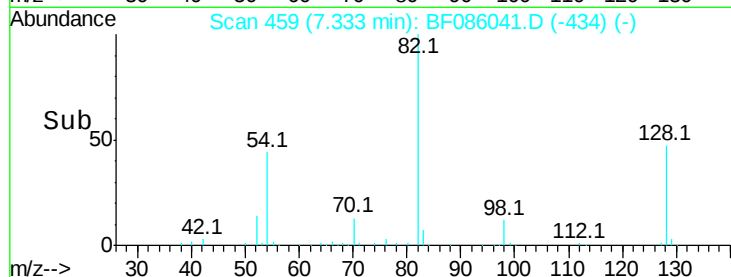
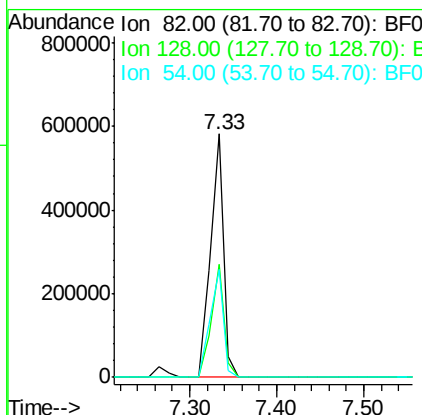
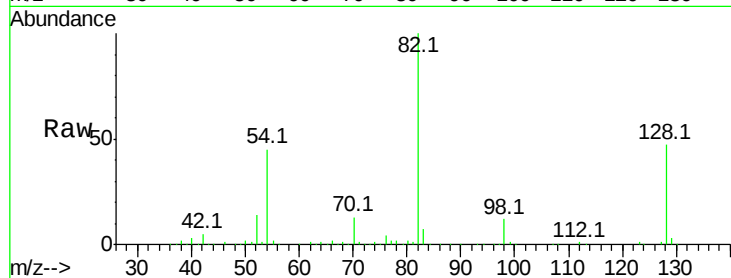
#23
 Nitrobenzene-d5
 Concen: 79.52 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	614254		
128	46.7	41.8	62.8	
54	44.5	33.4	50.0	

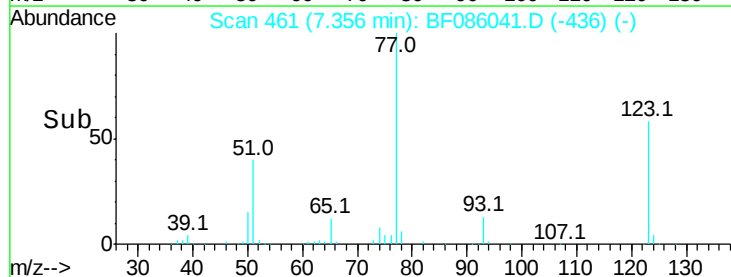
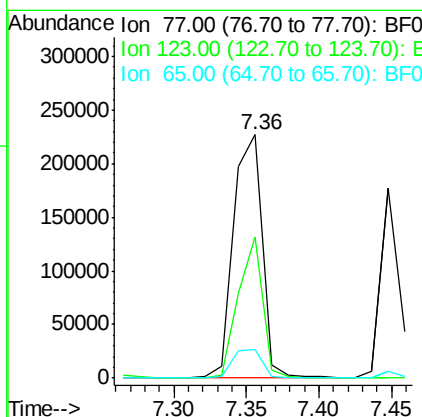
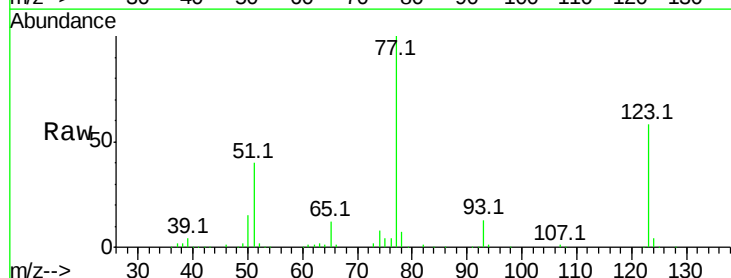
Manual Integrations
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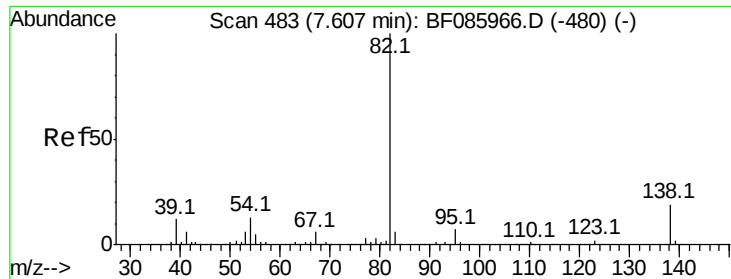
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 4/5/2016 6:39:02 PM



#24
 Nitrobenzene
 Concen: 36.63 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	309513		
123	58.0	35.0	52.4#	
65	12.0	10.6	16.0	





#25

Isophorone

Concen: 39.21 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

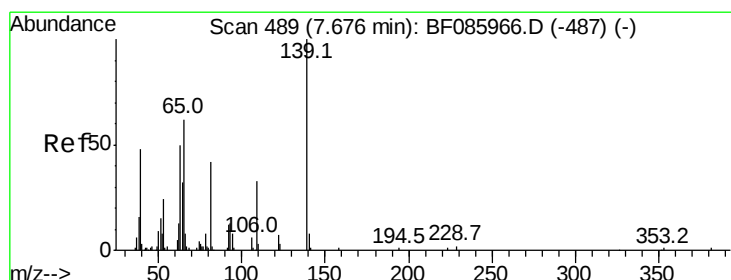
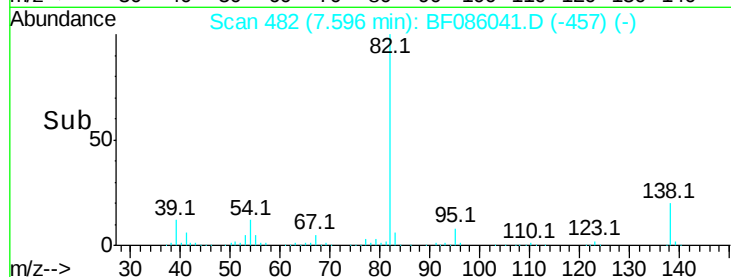
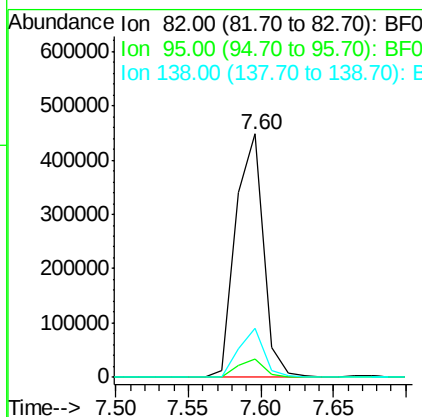
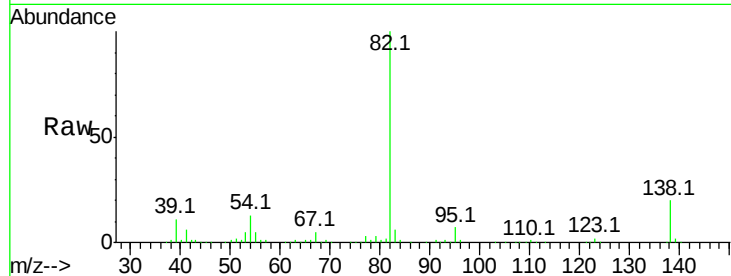
ClientSampleId :

PB89461BS

Tot Ion:	82	Resp:	597835
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.4	8.2
138	20.1	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.52 ng

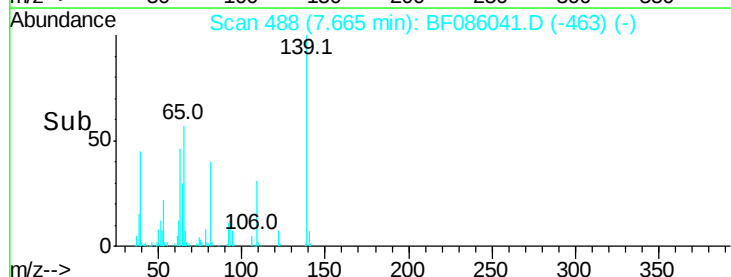
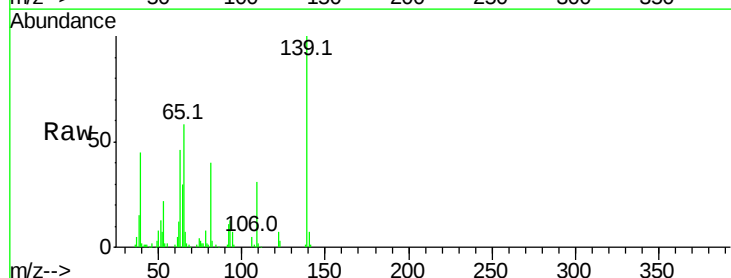
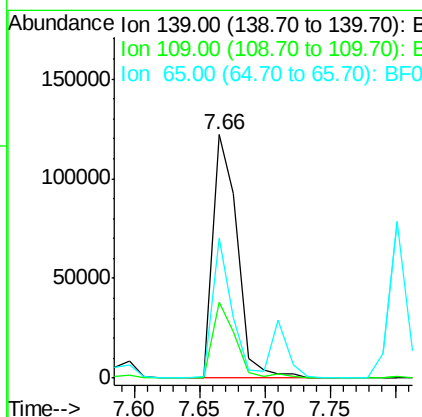
RT: 7.66 min Scan# 488

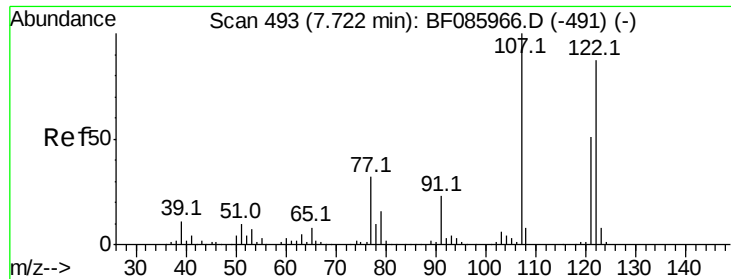
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	139	Resp:	159762
Ion Ratio	Lower	Upper	
139	100		
109	31.3	22.1	33.1
65	57.6	33.9	50.9#





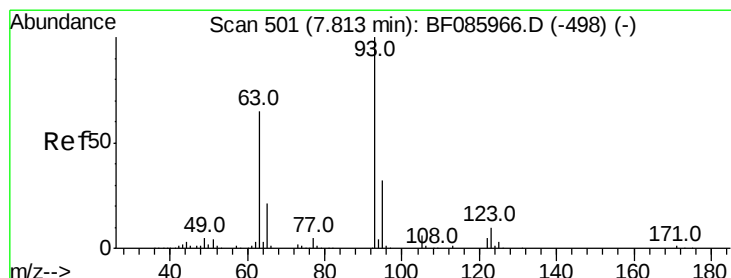
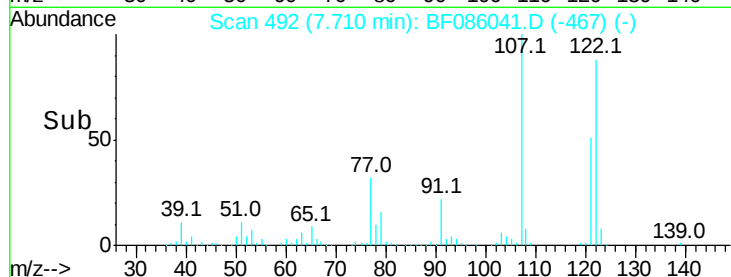
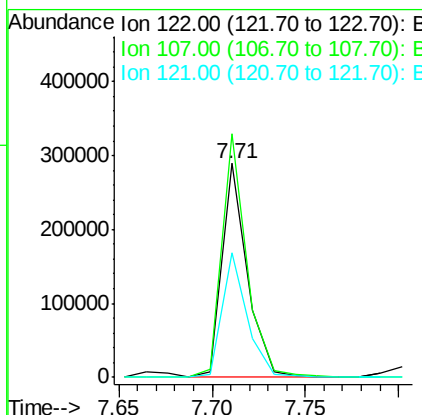
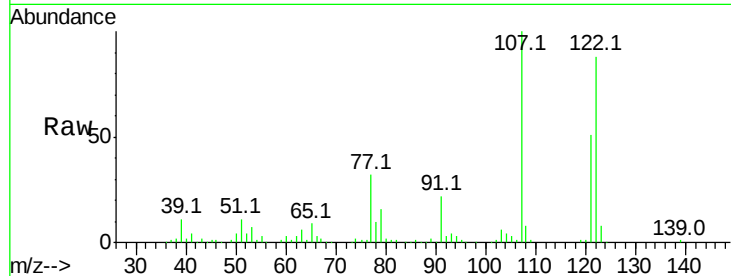
#27
 2,4-Dimethylphenol
 Concen: 37.67 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273549		
107	113.8	93.0	139.6	
121	58.0	45.9	68.9	

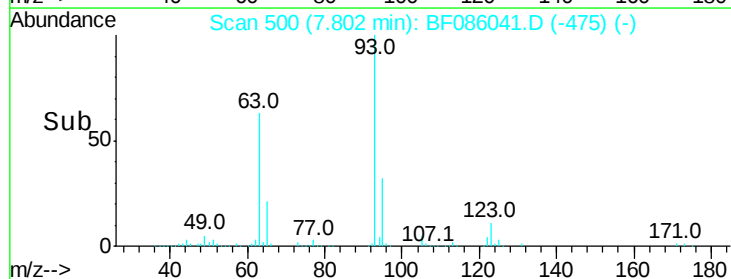
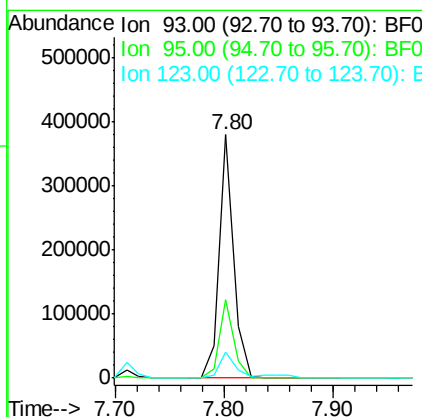
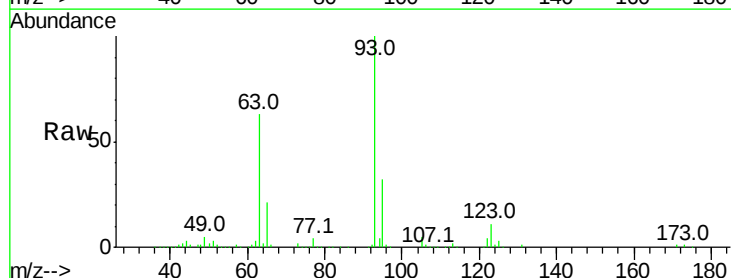
Manual Integrations
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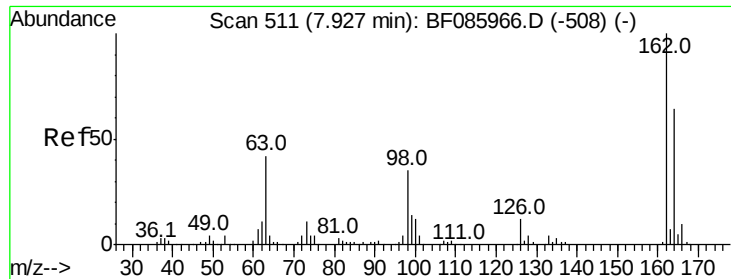
Sohil
 4/5/2016 6:39:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.70 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	355173		
95	32.3	26.4	39.6	
123	10.6	9.8	14.6	





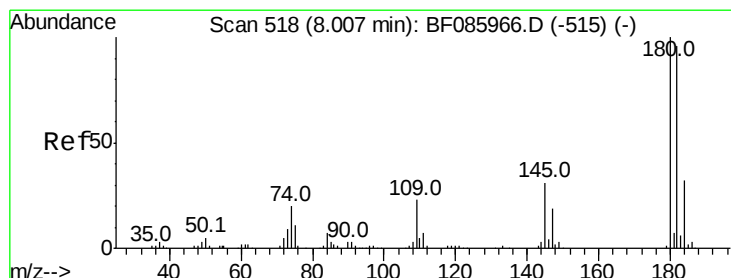
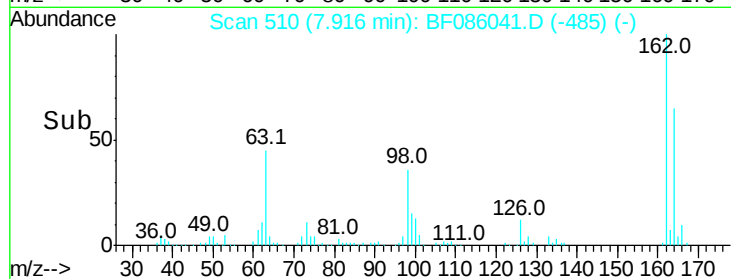
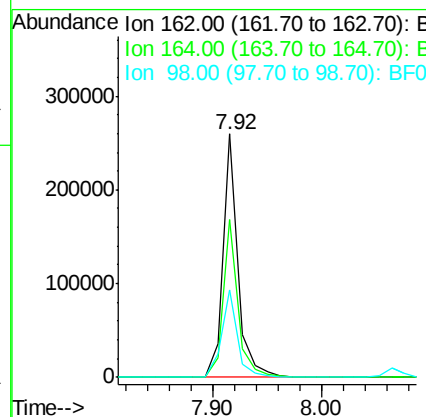
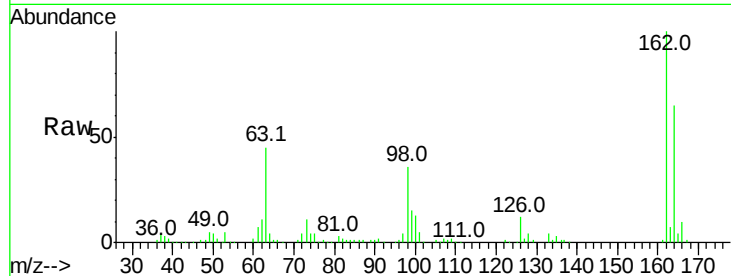
#29
 2,4-Dichlorophenol
 Concen: 40.59 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion:	162	Resp:	249173
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.7	83.7
98	35.8	20.4	60.4

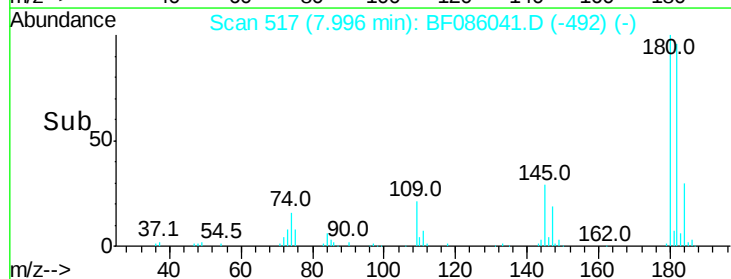
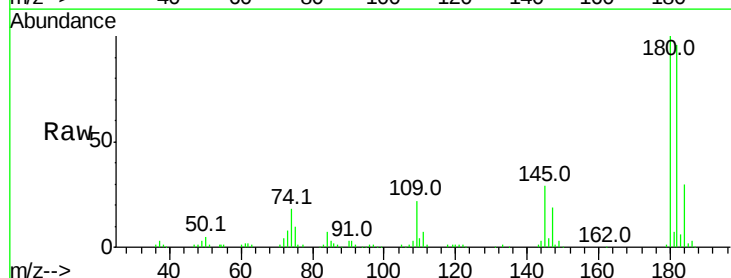
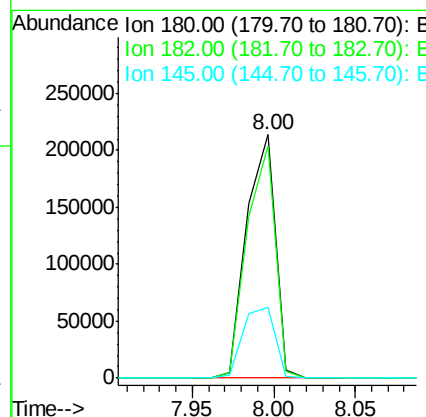
Manual Integrations
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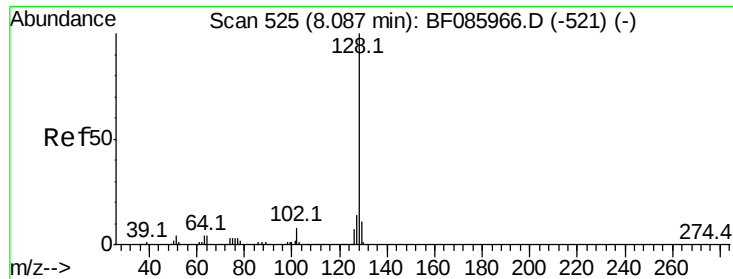
Sohil
 4/5/2016 6:39:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.82 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:	180	Resp:	260647
Ion Ratio	Lower	Upper	
180	100		
182	95.6	73.8	110.8
145	29.0	28.4	42.6





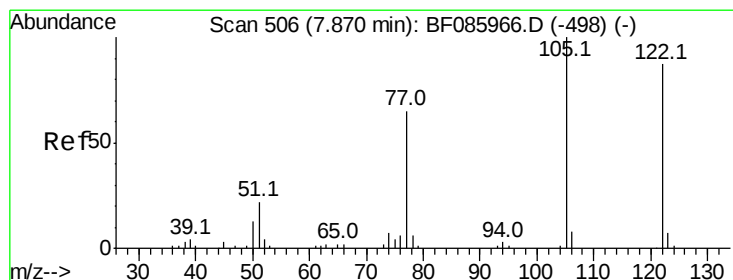
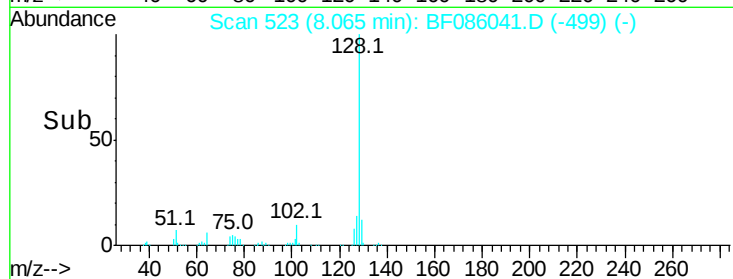
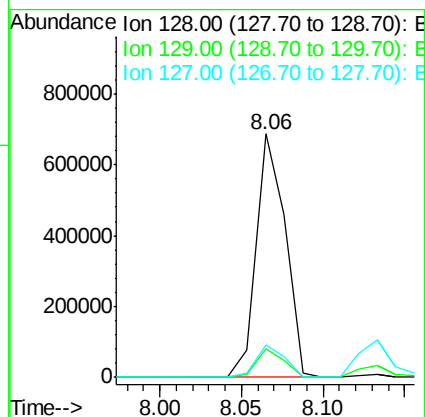
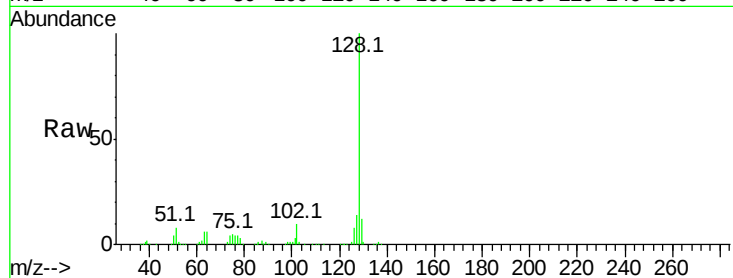
#31
Naphthalene
Concen: 37.16 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.4	14.0	
127	13.5	11.0	16.6	

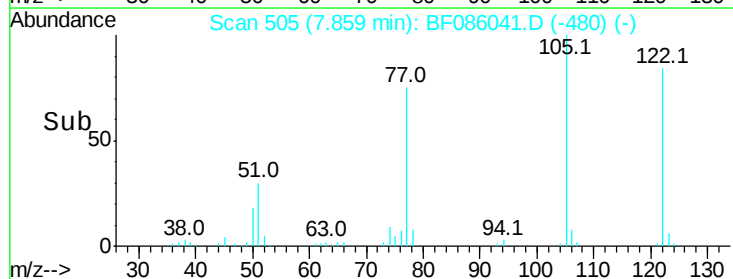
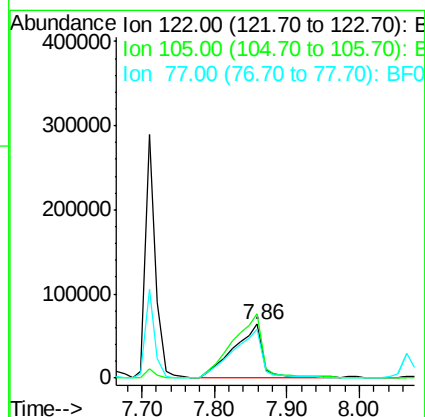
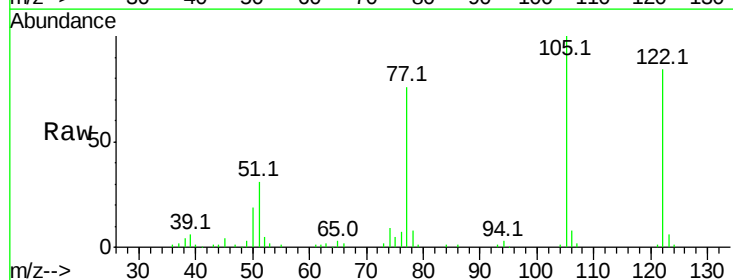
Manual Integrations
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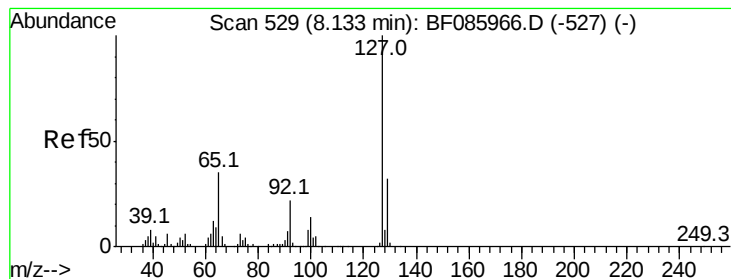
Sohil
4/5/2016 6:39:02 PM



#32
Benzoic acid
Concen: 32.96 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.6	102.9	142.9	
77	91.2	71.8	111.8	





#33

4-Chloroaniline

Concen: 17.22 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

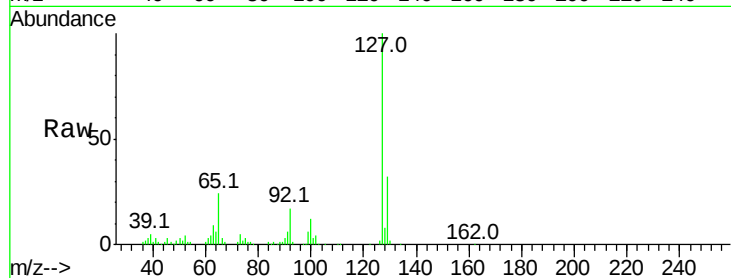
ClientSampleId :

PB89461BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.1	39.1		
65	23.7	19.5	29.3		
92	16.9	14.6	22.0		

Manual Integrations
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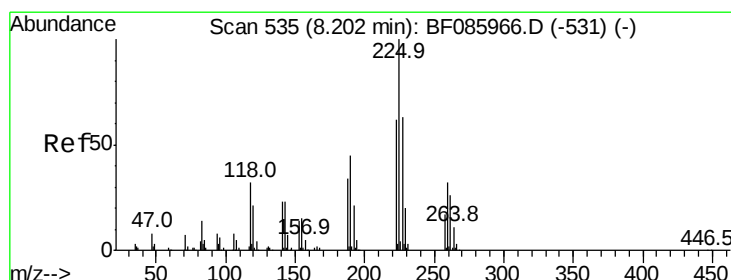
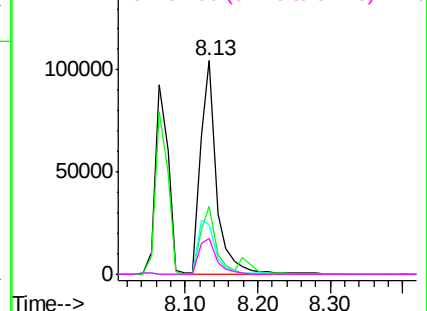
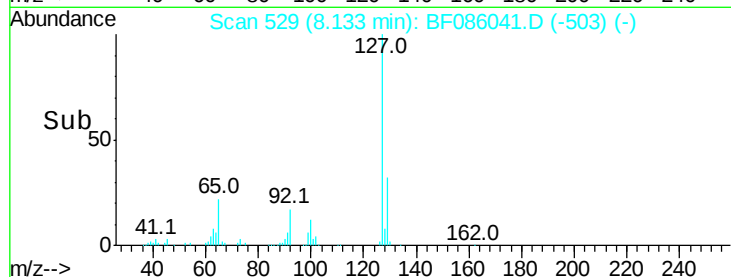
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.34 ng

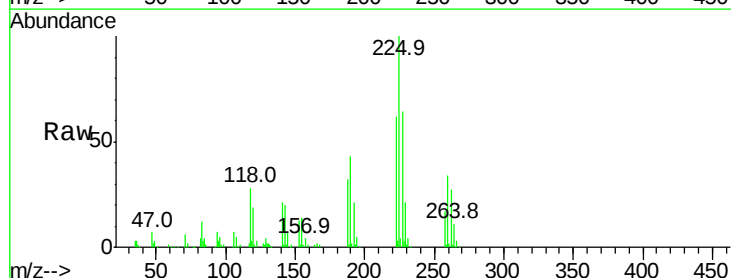
RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.4	75.6		
227	64.1	51.4	77.2		

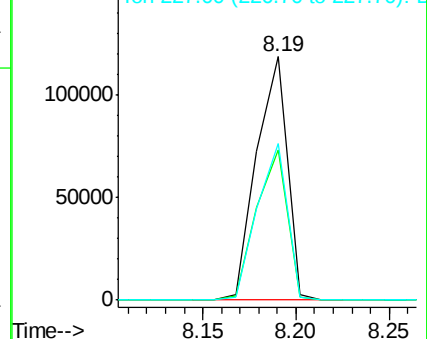
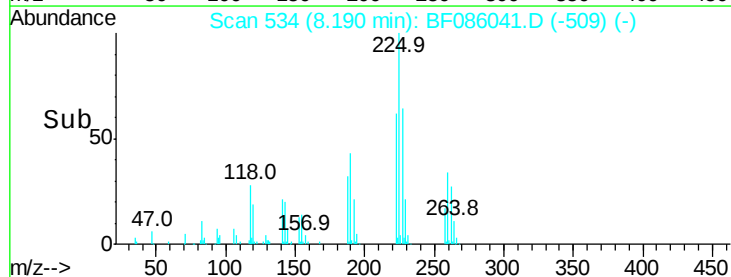


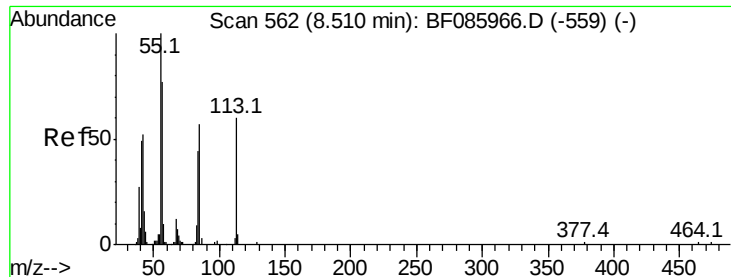
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





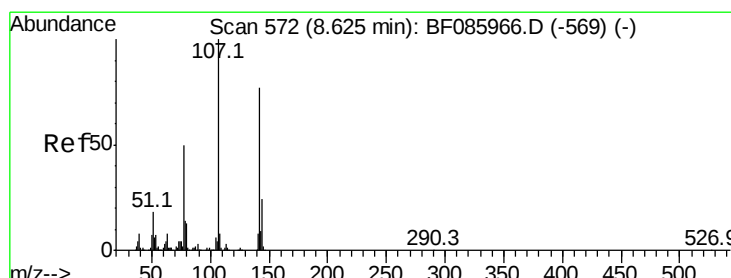
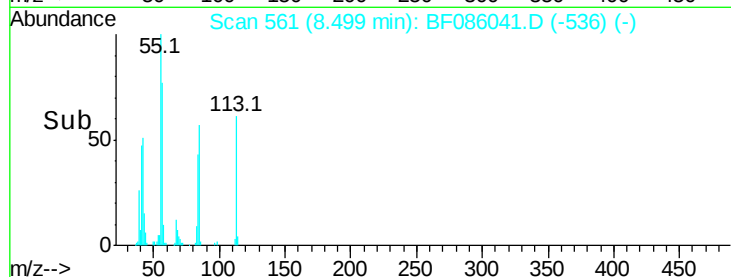
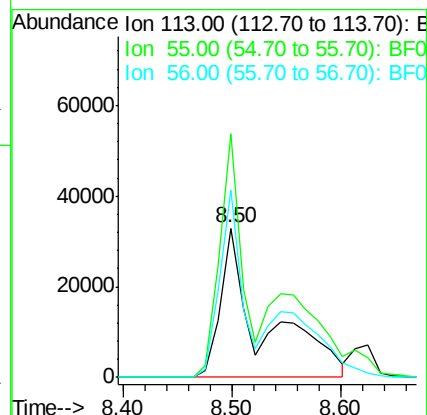
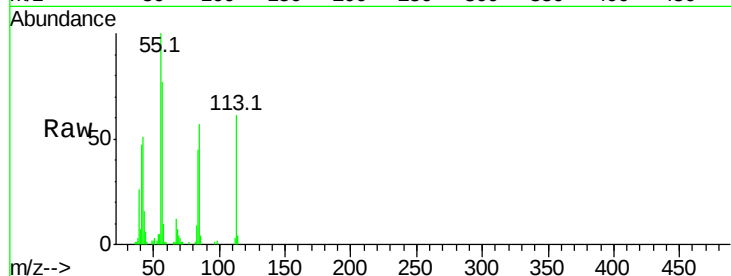
#35
Caprolactam
Concen: 45.10 ng/ml
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion:113 Resp: 87840
Ion Ratio Lower Upper
113 100
55 162.9 139.4 179.4
56 125.2 100.4 140.4

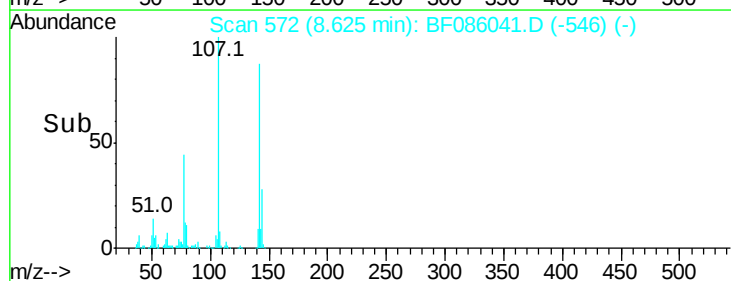
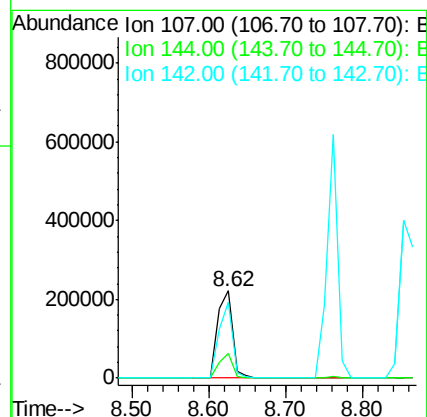
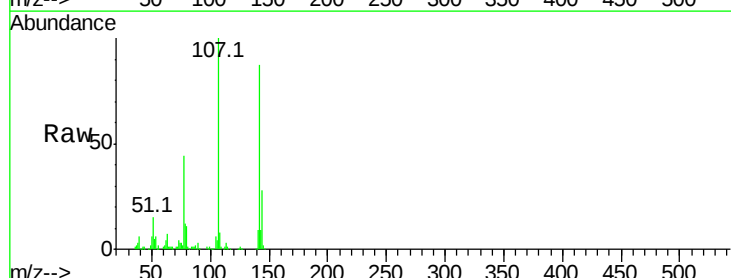
Manual Integrations
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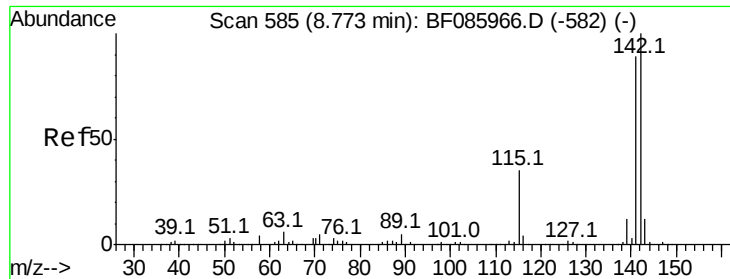
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.80 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:107 Resp: 295375
Ion Ratio Lower Upper
107 100
144 27.9 19.3 28.9
142 86.8 61.4 92.0





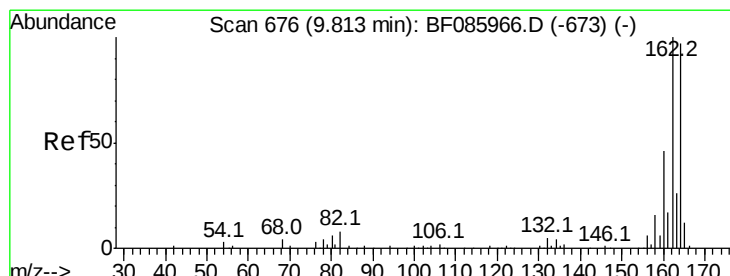
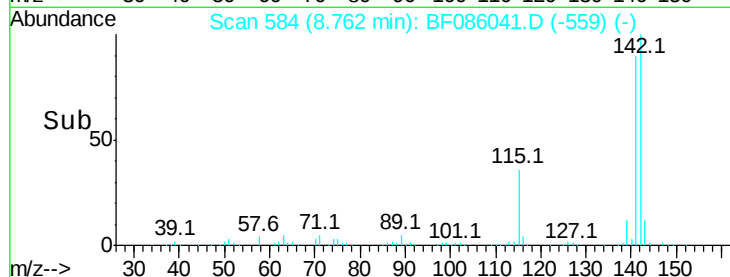
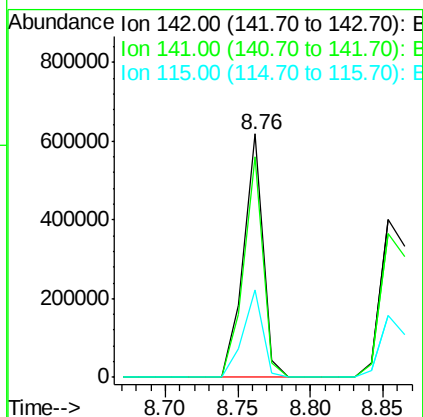
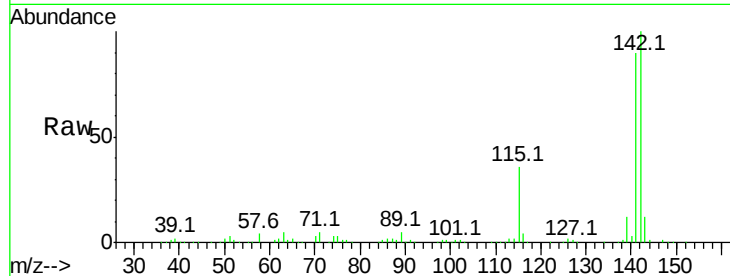
#37
 2-Methylnaphthalene
 Concen: 38.86 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.6	107.4
115	35.7	26.8	40.2

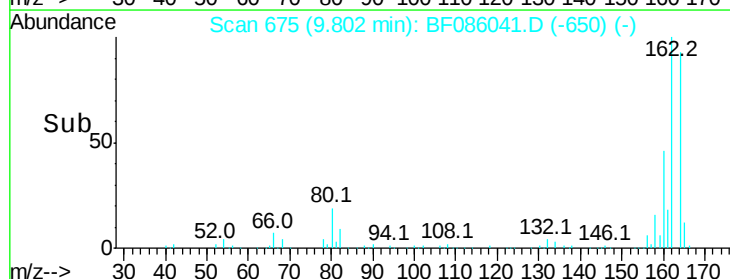
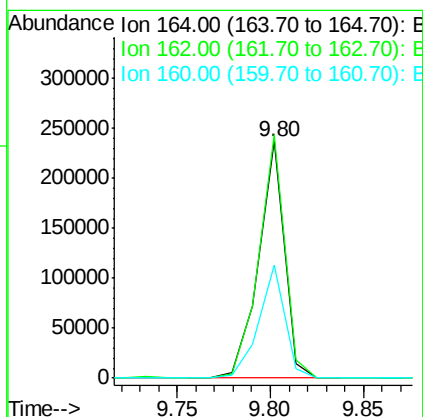
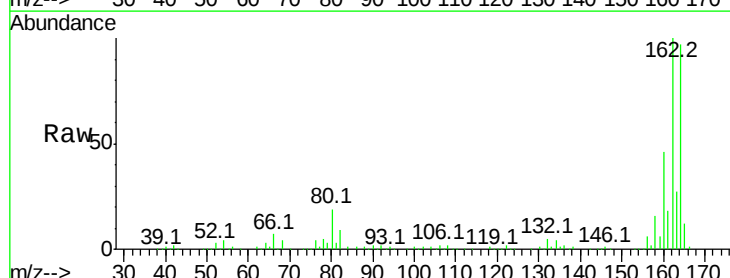
Manual Integrations
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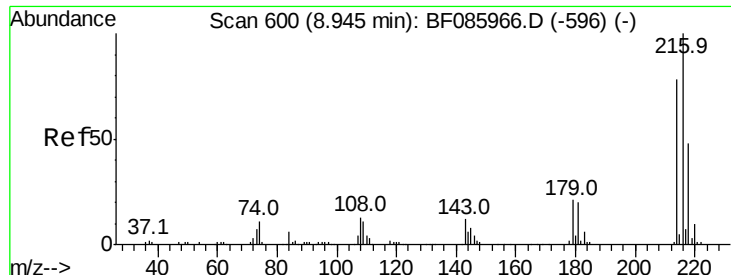
Sohil
 4/5/2016 6:39:02 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.6	37.4	56.2





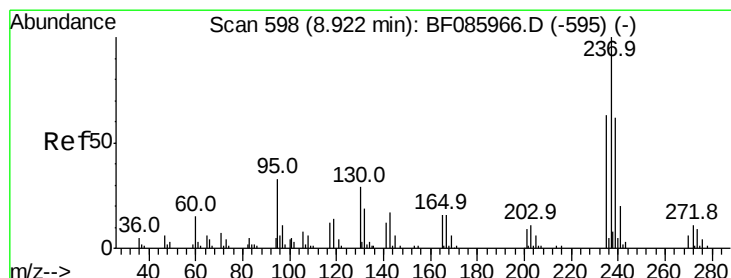
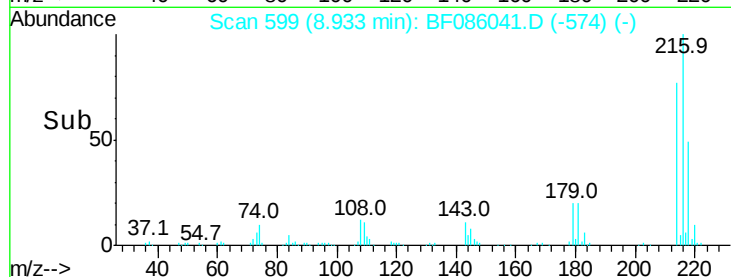
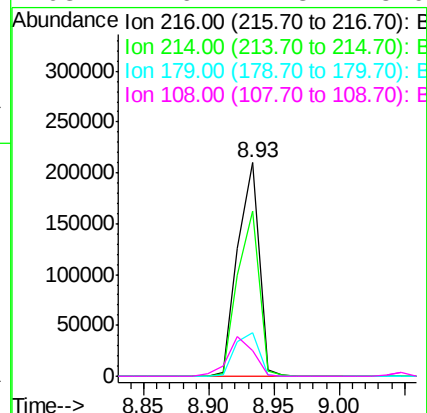
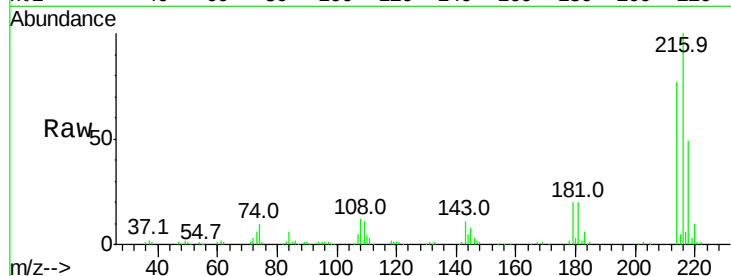
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.21 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	238212		
214	78.3	63.1	94.7	
179	22.6	18.2	27.2	
108	22.6	17.3	25.9	

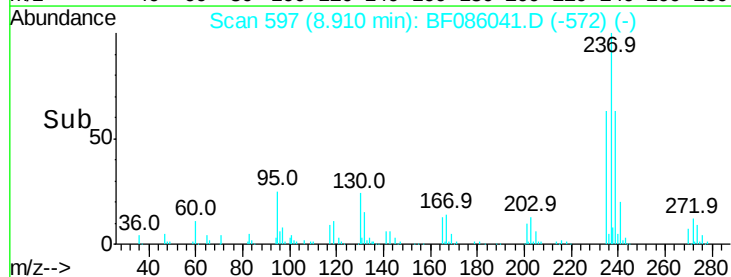
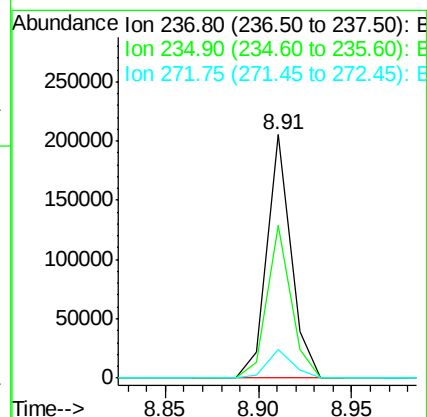
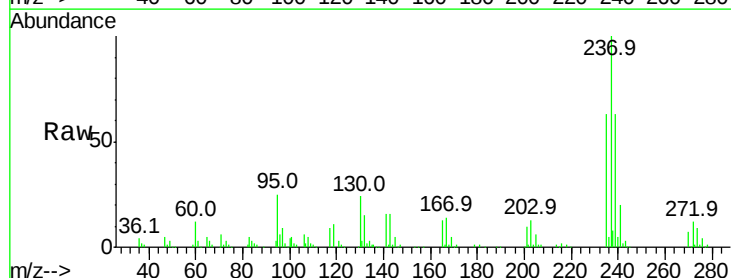
Manual Integrations
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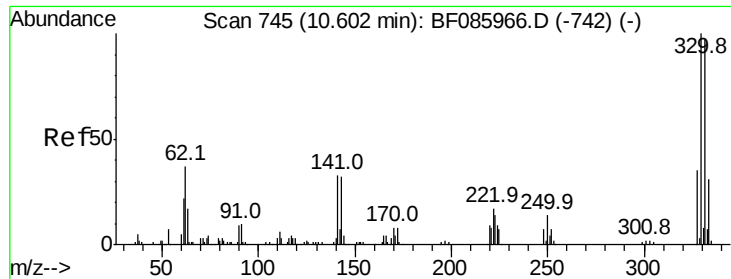
Sohil
 4/5/2016 6:39:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 76.18 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	182895		
235	62.9	43.7	83.7	
272	12.0	0.0	31.9	





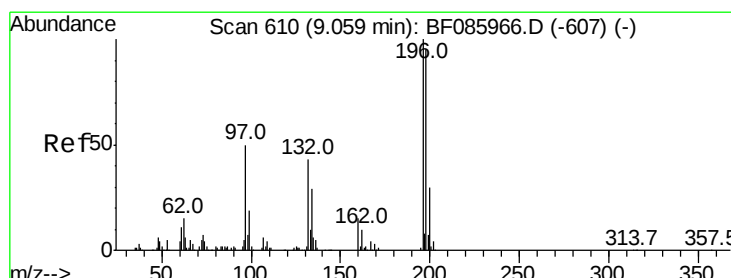
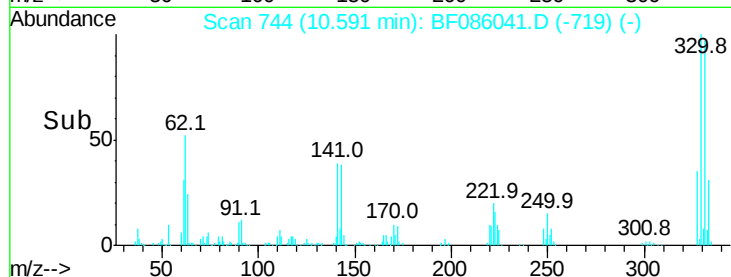
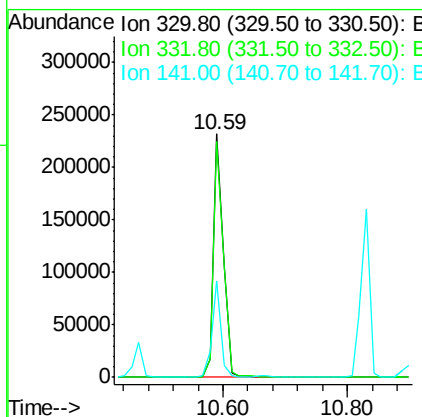
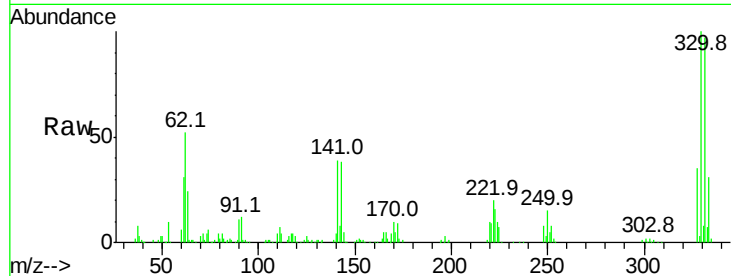
#41
 2,4,6-Tribromophenol
 Concen: 120.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	253981		
332	98.1	78.2	117.2	
141	35.7	31.5	47.3	

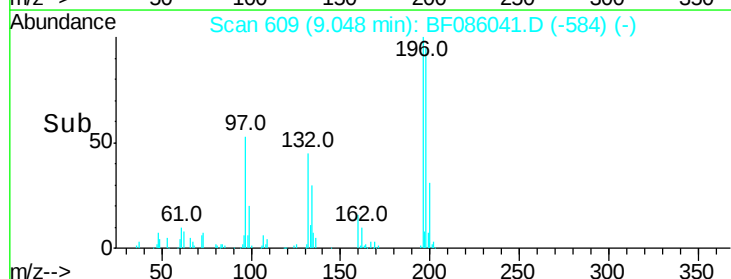
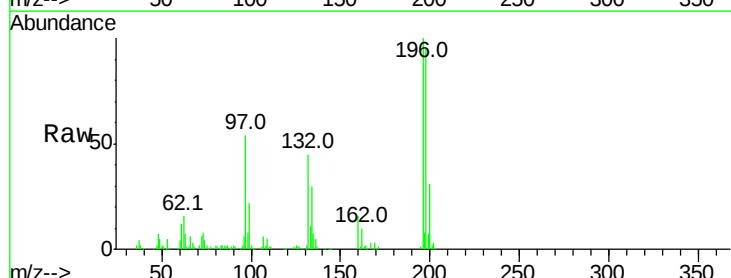
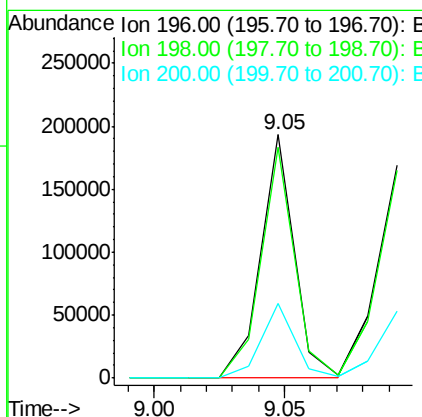
Manual Integrations
 APPROVED

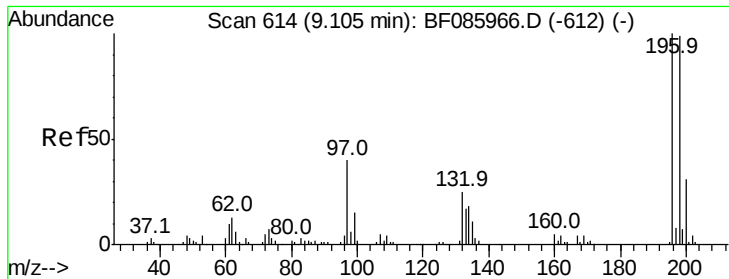
Sohil
 4/5/2016 6:39:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.60 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172004		
198	95.0	75.3	112.9	
200	30.8	23.7	35.5	





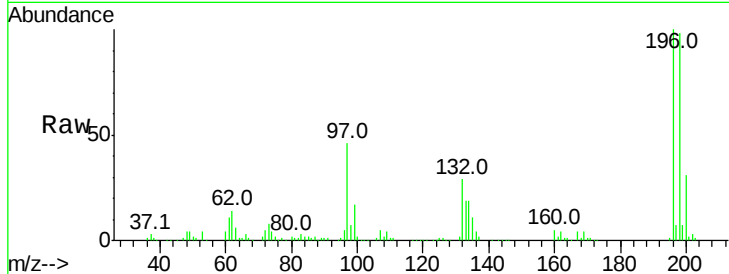
#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

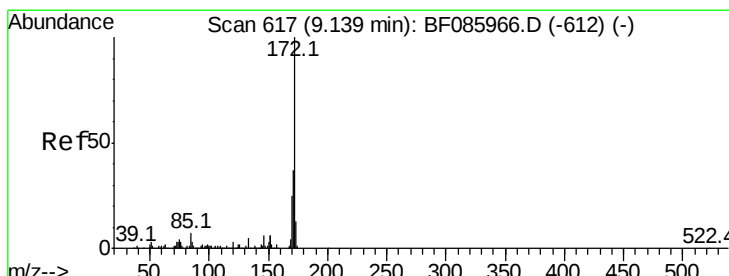
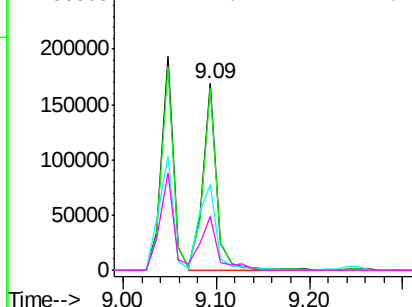
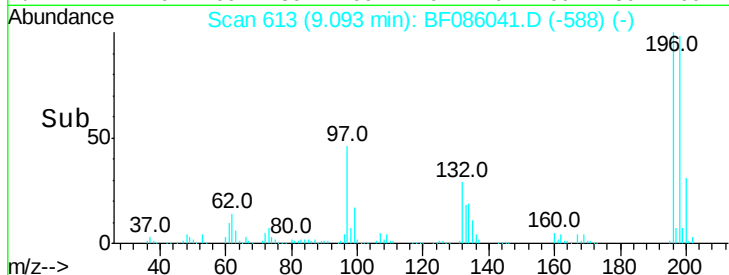
Tot Ion	Ratio	Resp	Lower	Upper
196	100	175263		
198	97.6	76.6	114.8	
97	46.1	30.5	45.7	
132	28.8	20.2	30.2	

Manual Integrations
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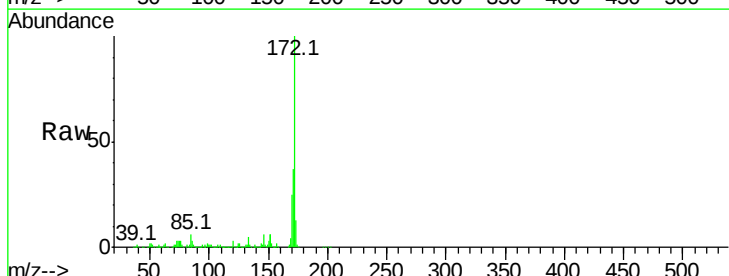


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

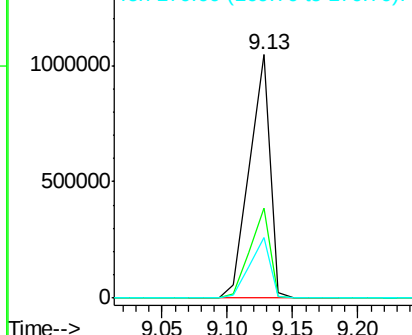
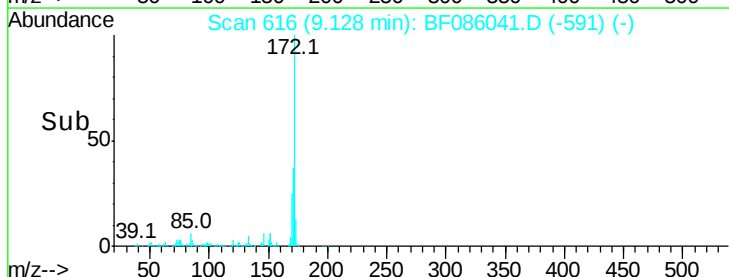


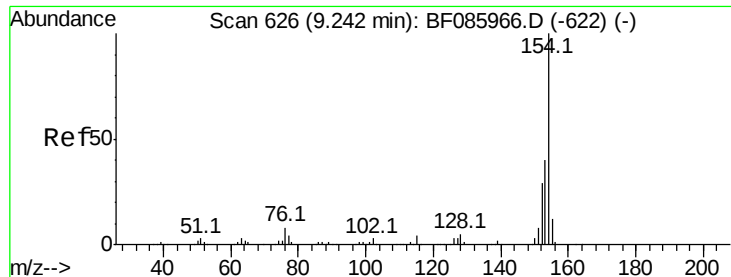
#44
 2-Fluorobiphenyl
 Concen: 85.10 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1151898		
171	36.7	29.4	44.2	
170	24.6	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.62 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

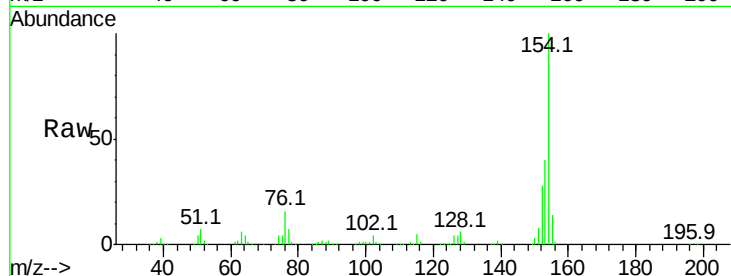
ClientSampleId :

PB89461BS

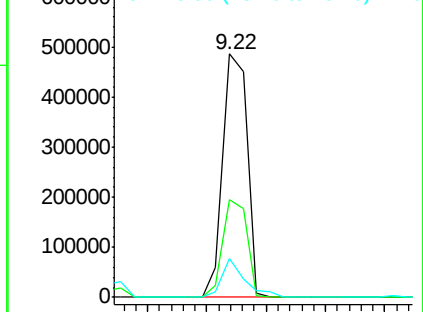
Tot Ion:	154	Resp:	691253
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.8	60.8
76	16.1	0.0	36.7

Manual Integrations
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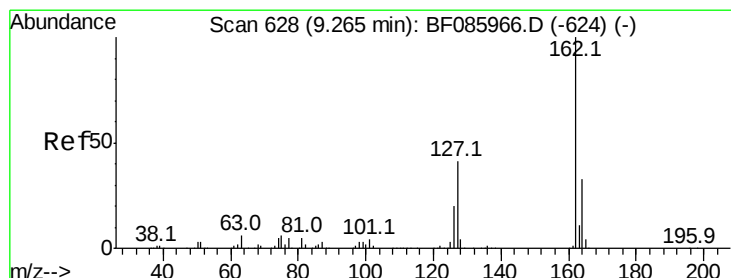
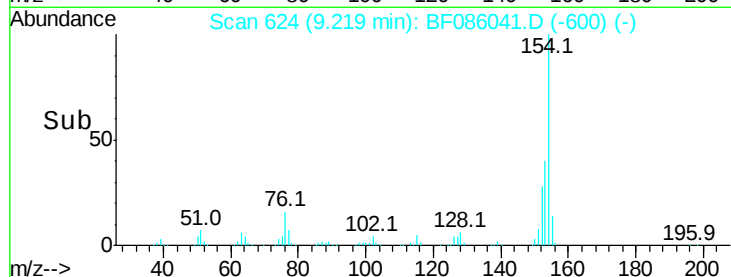
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E



Time-->



#46

2-Chloronaphthalene

Concen: 38.15 ng

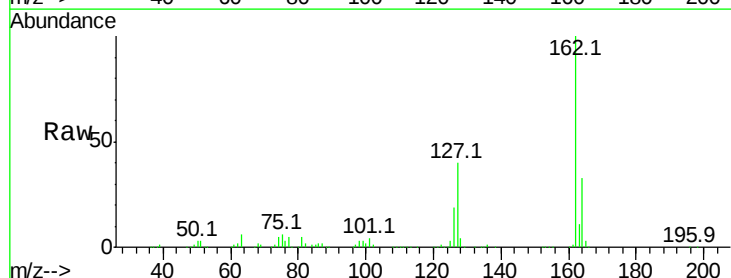
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

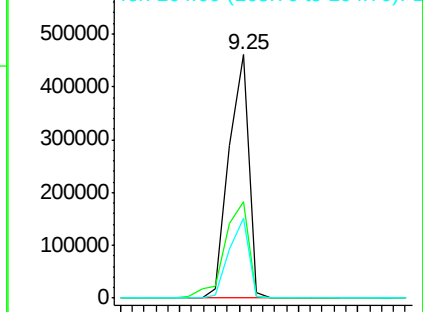
Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

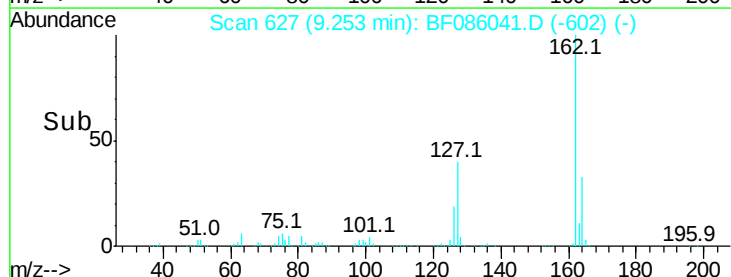
Tgt Ion:	162	Resp:	536628
Ion Ratio	Lower	Upper	
162	100		
127	39.5	31.7	47.5
164	32.9	27.3	40.9

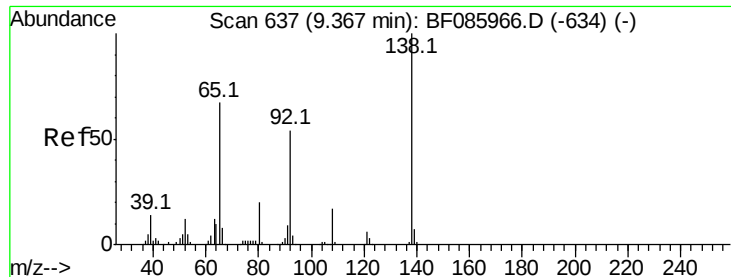


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





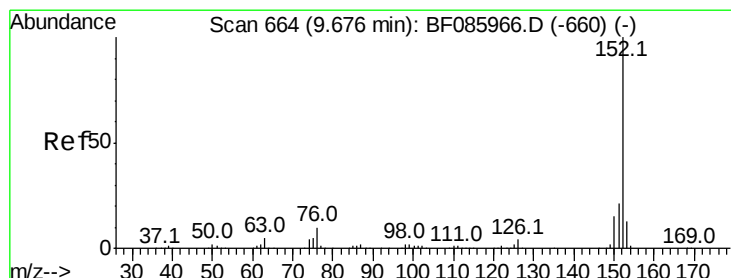
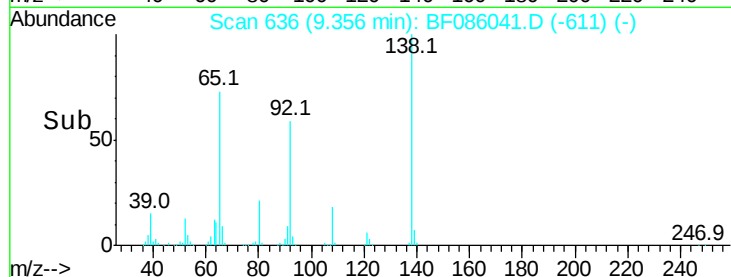
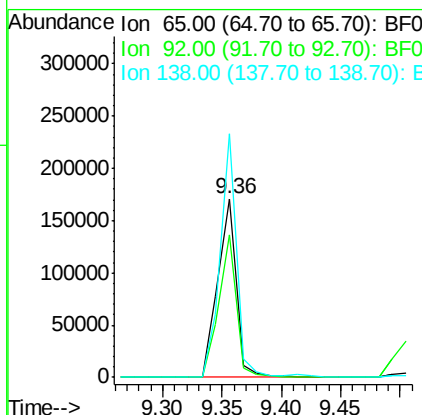
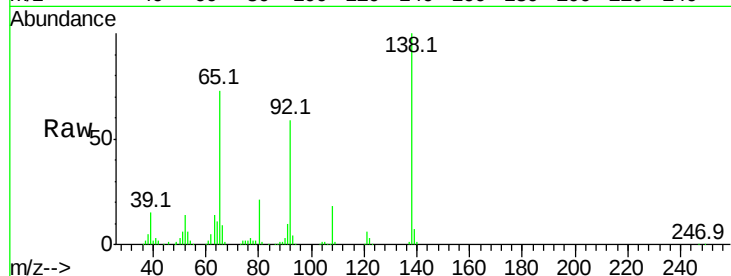
#47
2-Nitroaniline
Concen: 44.55 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.8	59.7	89.5
138	136.3	91.4	137.0

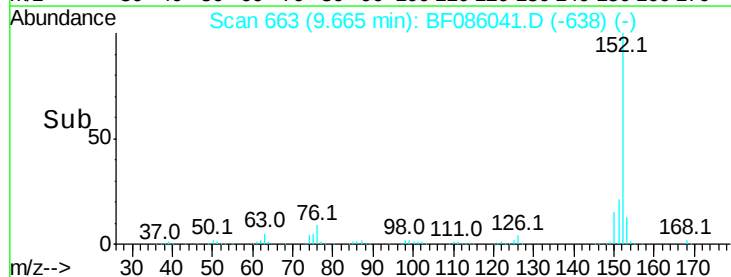
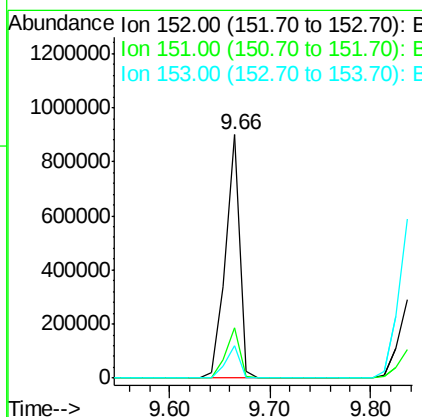
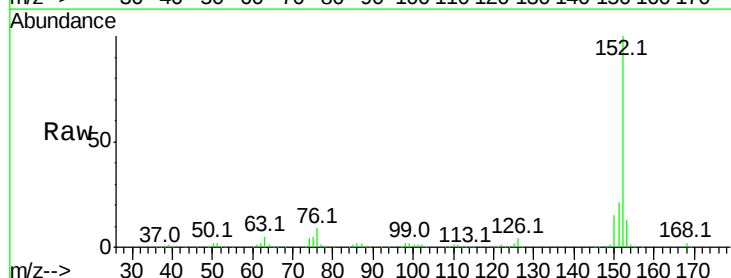
Manual Integrations
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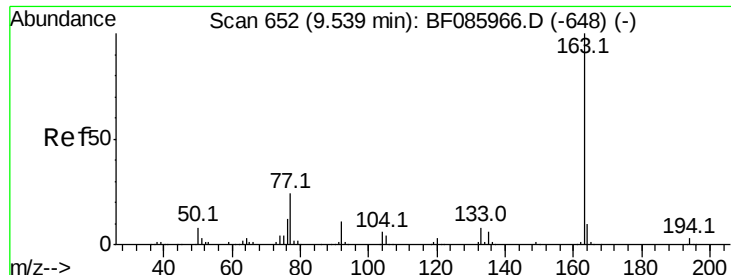
Sohil
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#48
Acenaphthylene
Concen: 39.19 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.3	10.9	16.3





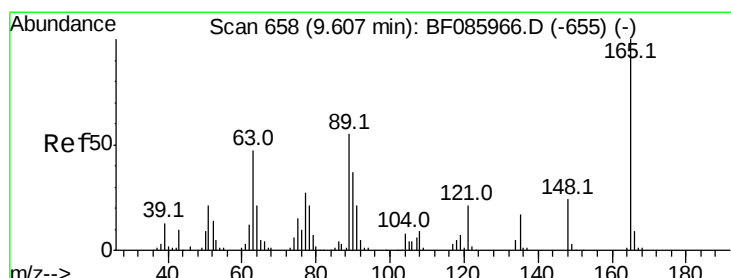
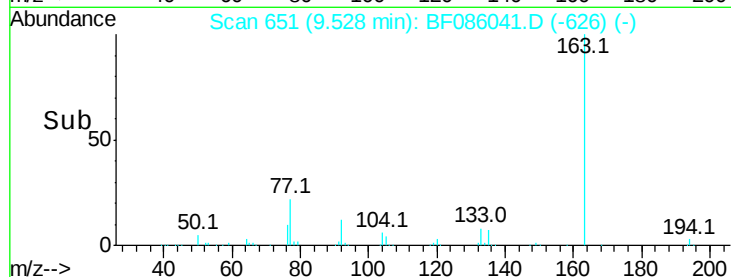
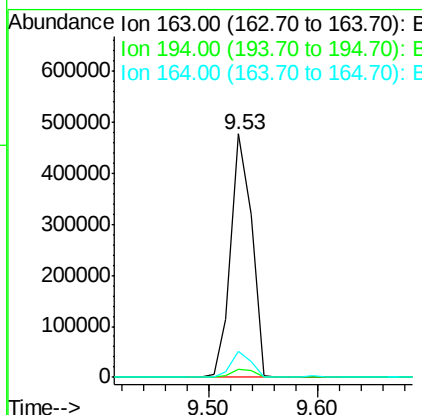
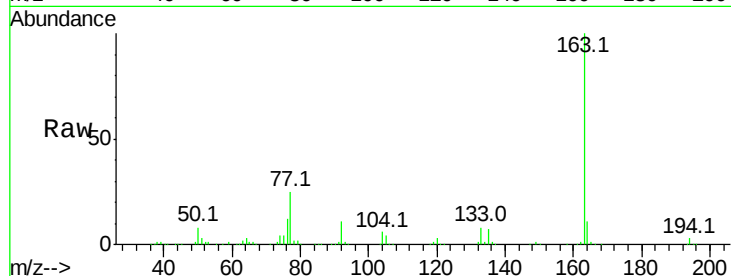
#49
Dimethylphthalate
Concen: 37.96 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	633268		
194	3.2		2.9	4.3
164	10.6		8.3	12.5

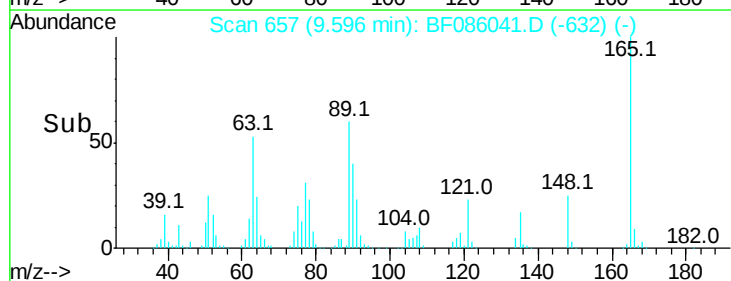
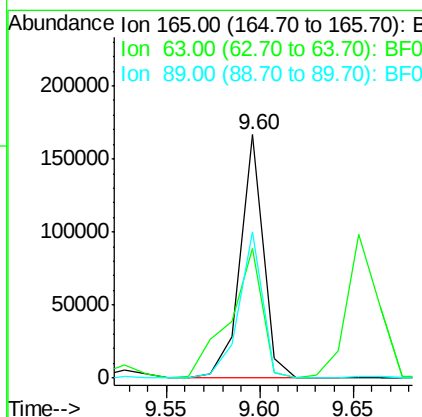
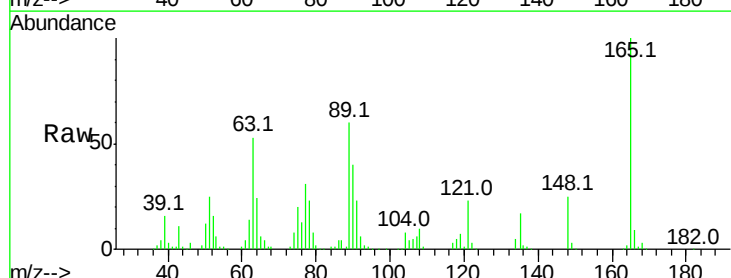
Manual Integrations
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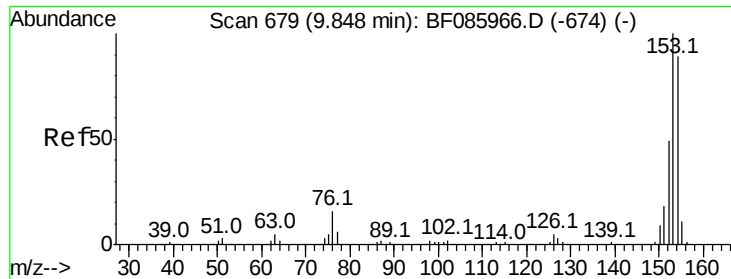
Sohil
4/5/2016 6:39:02 PM



#50
2,6-Dinitrotoluene
Concen: 41.21 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145461		
63	53.3		51.8	77.8
89	60.1		53.7	80.5





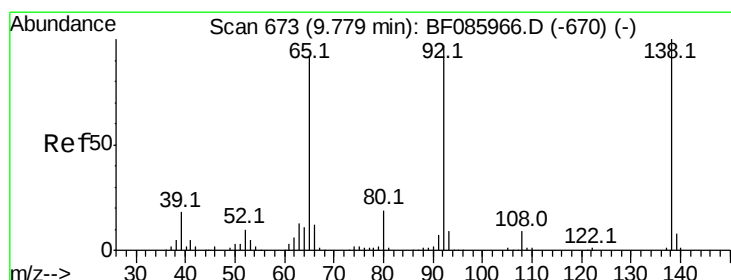
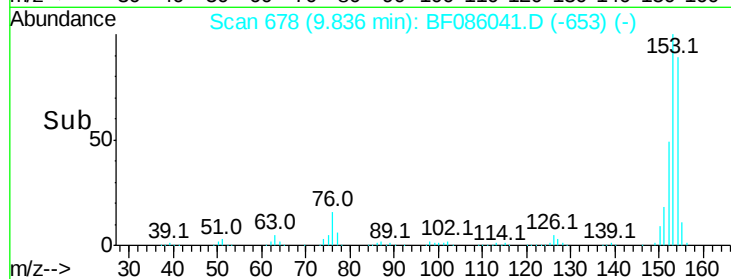
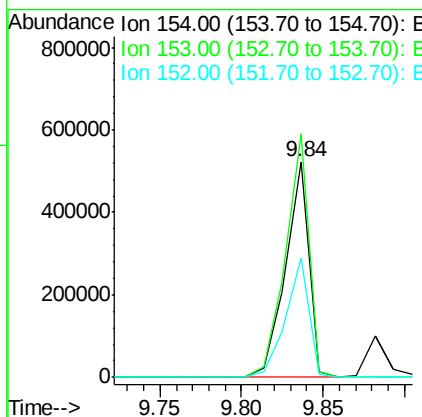
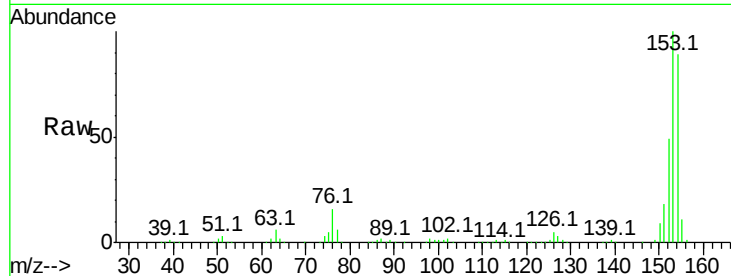
#51
Acenaphthene
Concen: 39.06 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	55.5	44.2	66.2

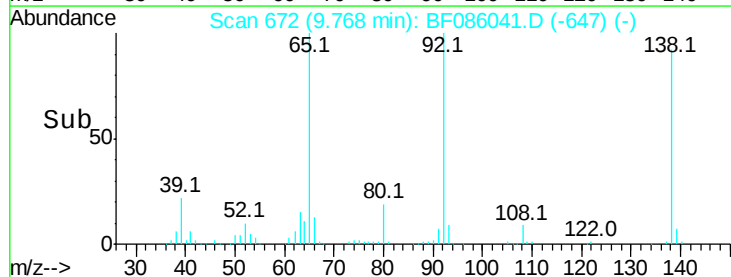
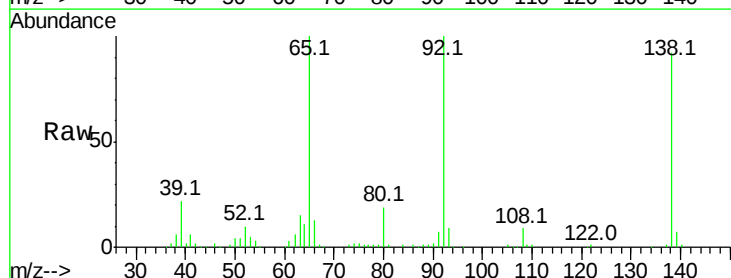
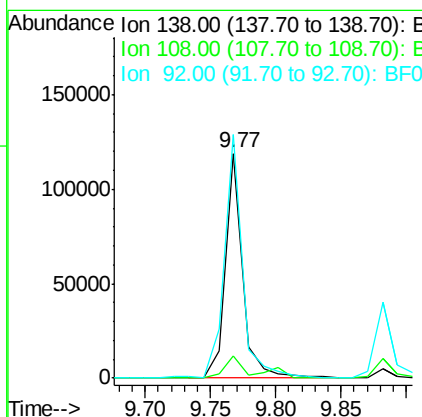
Manual Integrations
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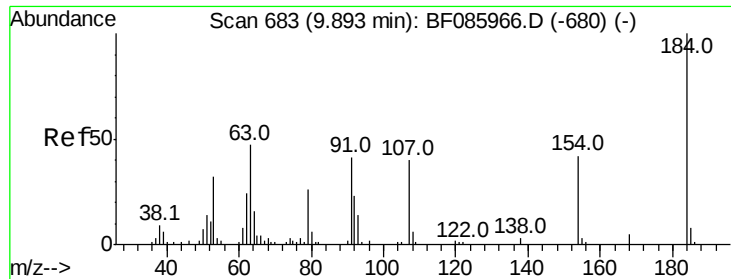
Sohil
4/5/2016 6:39:02 PM



#52
3-Nitroaniline
Concen: 25.83 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	108.4	93.3	139.9





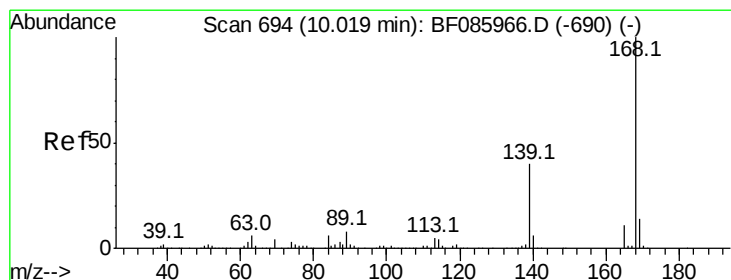
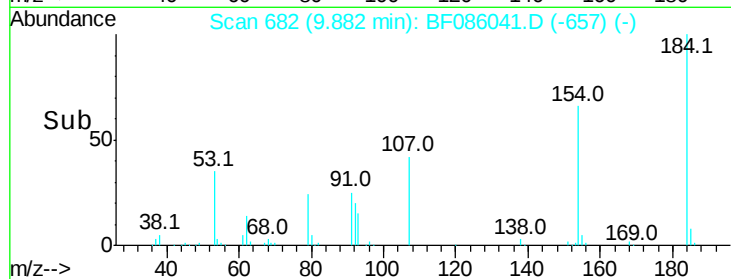
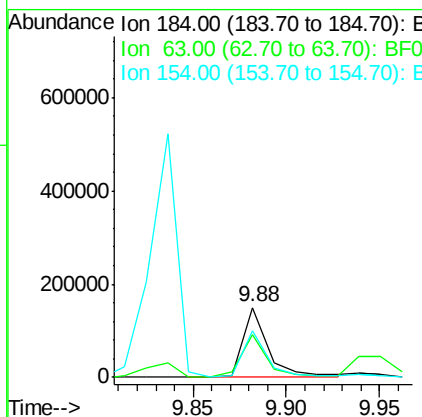
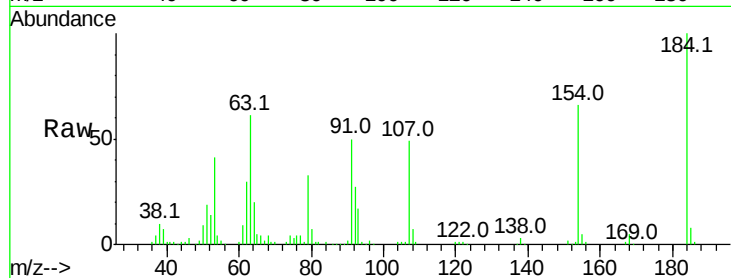
#53
 2,4-Dinitrophenol
 Concen: 64.81 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.2	69.5	104.3	
154	66.0	58.3	87.5	

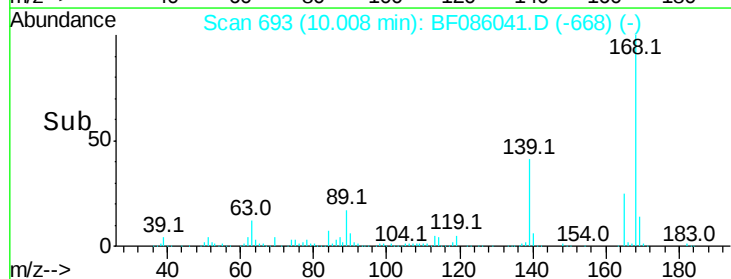
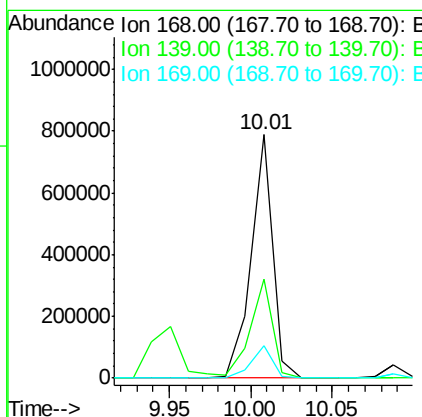
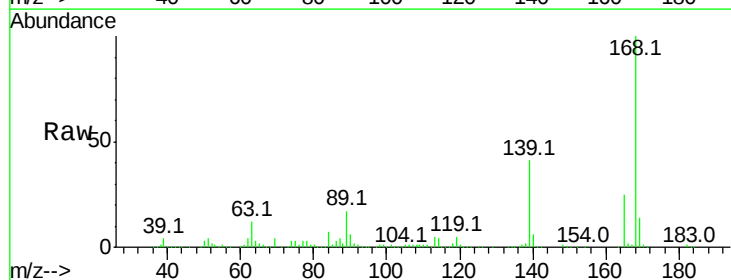
Manual Integrations
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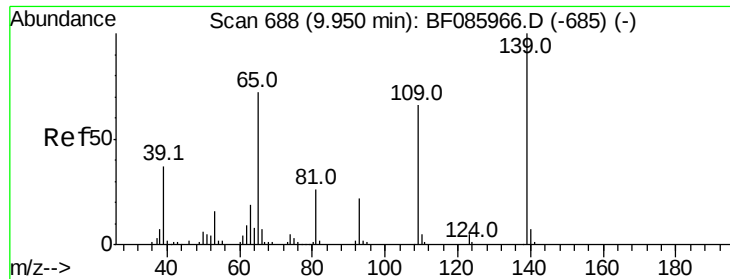
Sohil
 4/5/2016 6:39:02 PM



#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.8	31.9	47.9	
169	13.6	11.0	16.6	





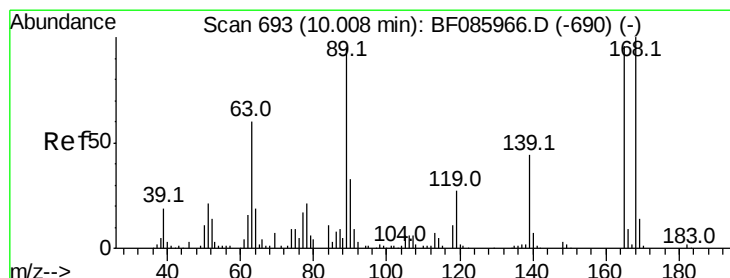
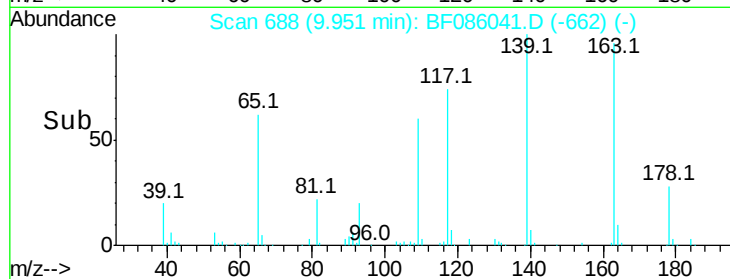
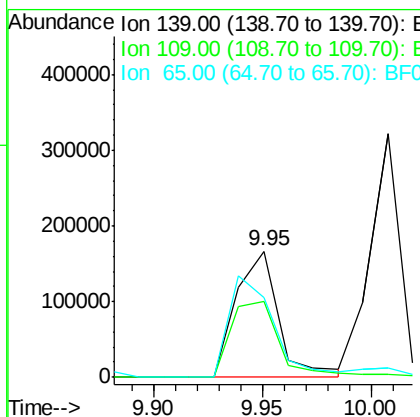
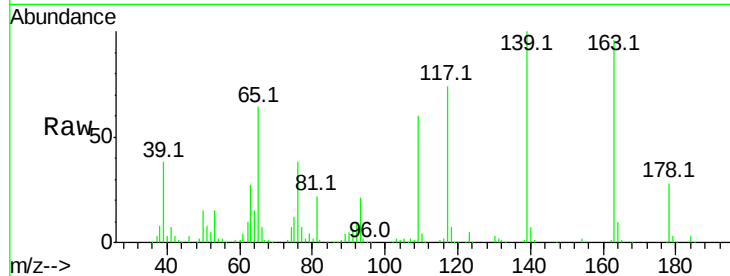
#55
4-Nitrophenol
Concen: 90.45 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	226811		
109	60.0	49.2	89.2	
65	63.8	66.9	106.9#	

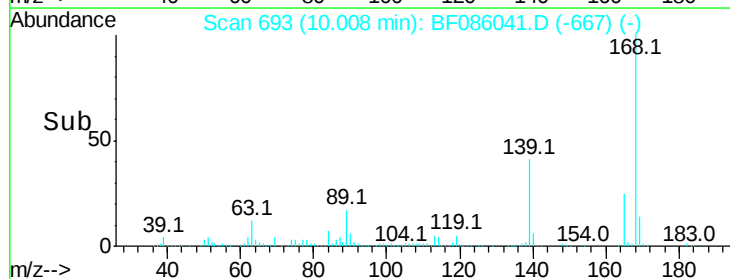
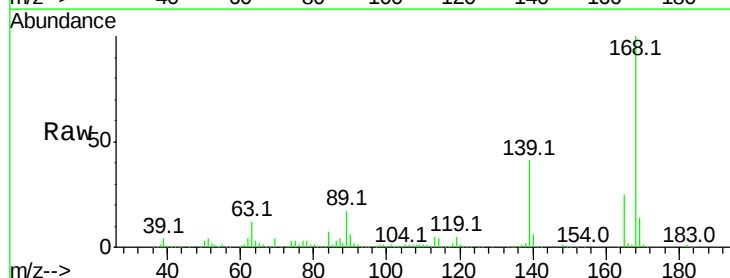
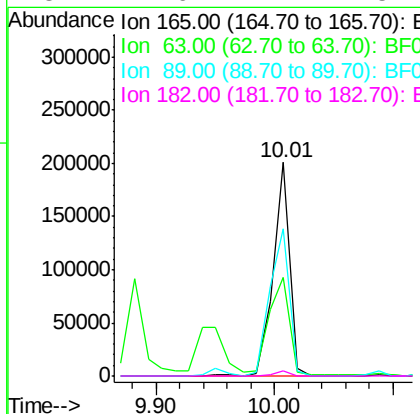
Manual Integrations
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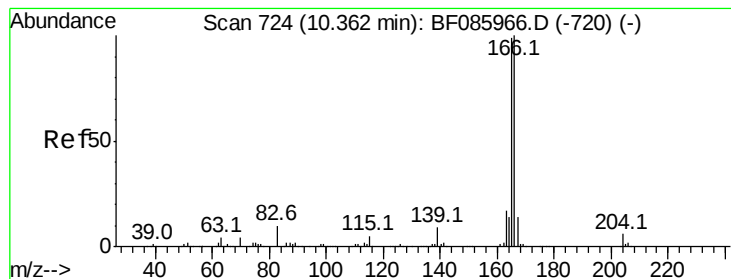
Sohil
4/5/2016 6:39:02 PM



#56
2,4-Dinitrotoluene
Concen: 43.75 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195119		
63	46.1	24.9	37.3#	
89	68.7	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 40.49 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

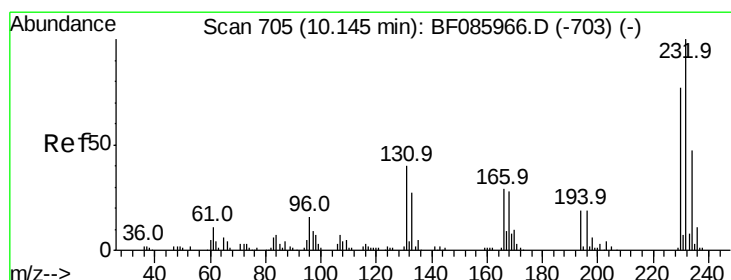
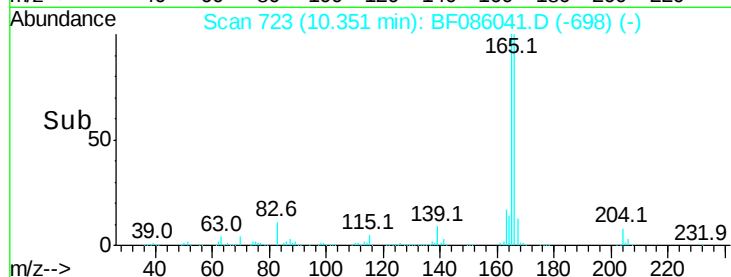
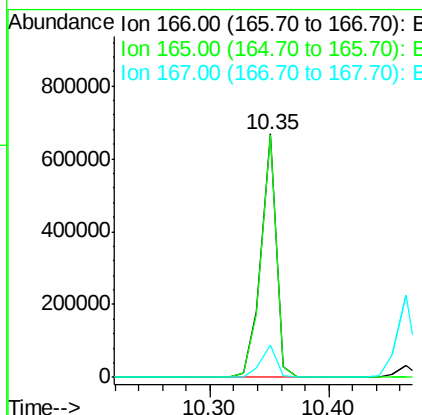
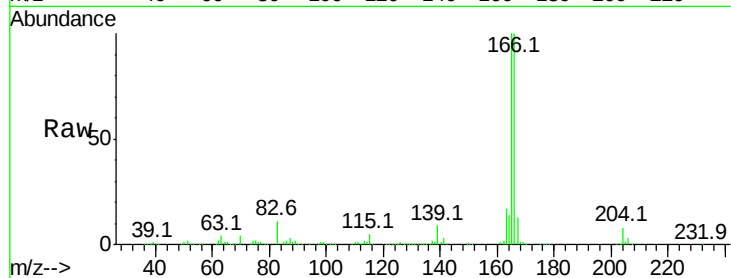
ClientSampleId :

PB89461BS

Tot Ion:	166	Resp:	612179
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.4	119.0
167	13.5	11.0	16.4

Manual Integrations
APPROVED

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4/5/2016 6:39:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.77 ng

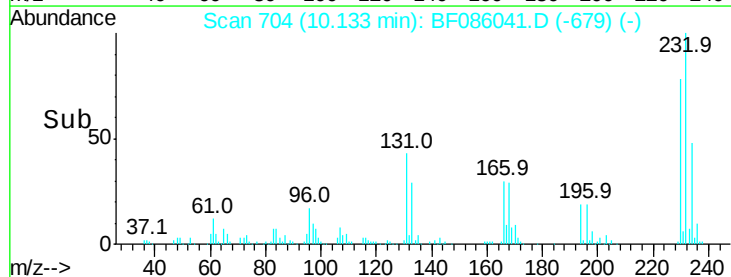
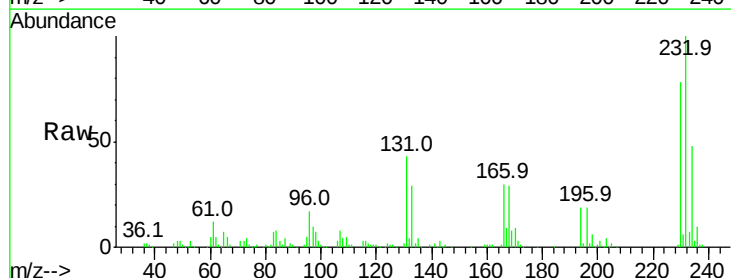
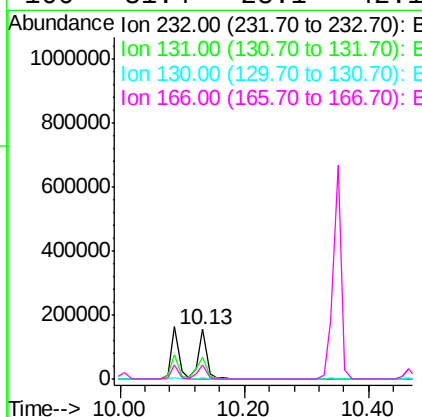
RT: 10.13 min Scan# 704

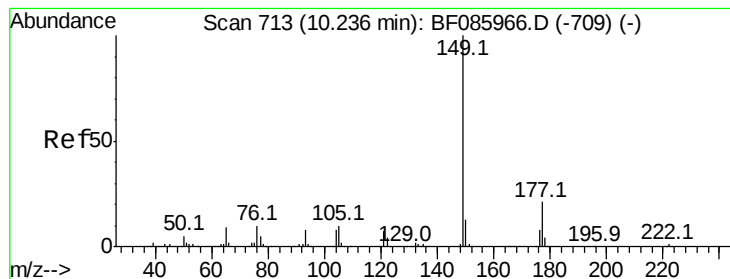
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	232	Resp:	150283
Ion Ratio	Lower	Upper	
232	100		
131	51.2	44.9	67.3
130	2.6	2.3	3.5
166	31.4	28.1	42.1





#59

Diethylphthalate

Concen: 37.74 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

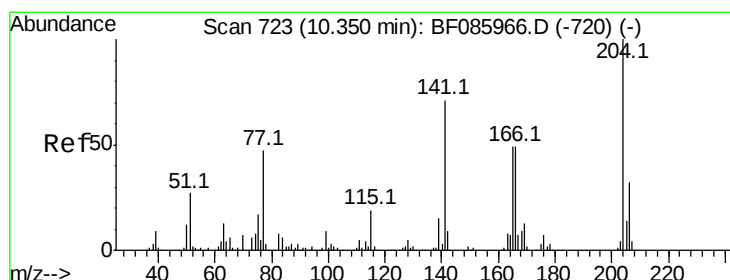
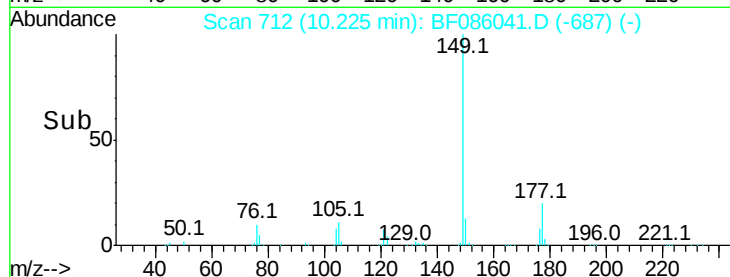
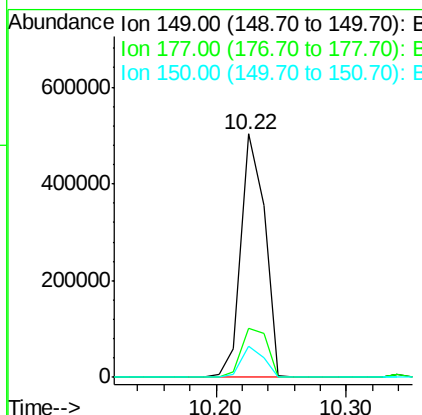
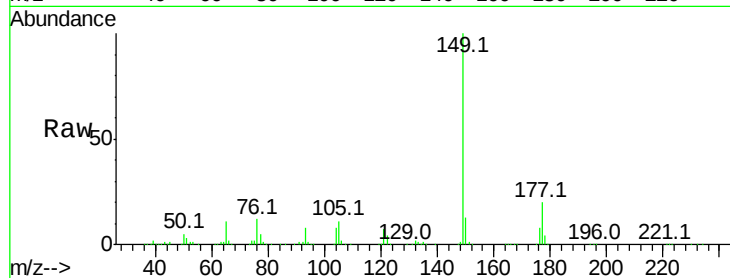
ClientSampleId :

PB89461BS

Tot Ion:	149	Resp:	635510
Ion Ratio		Lower	Upper
149	100		
177	20.1	17.9	26.9
150	13.0	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 37.70 ng

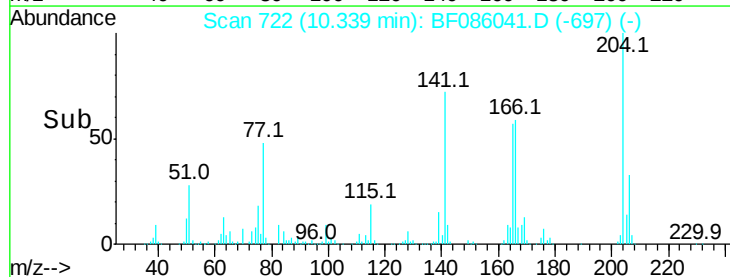
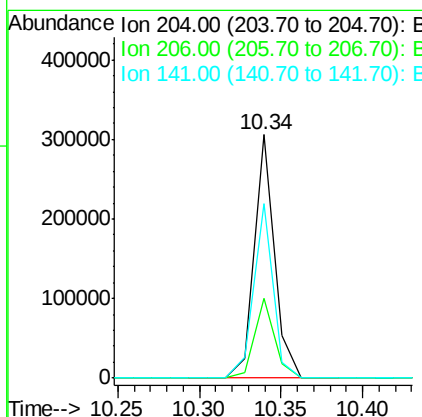
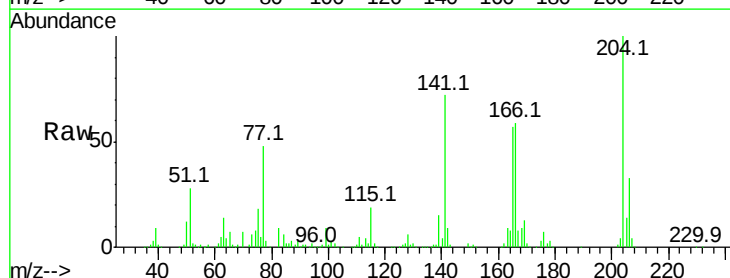
RT: 10.34 min Scan# 722

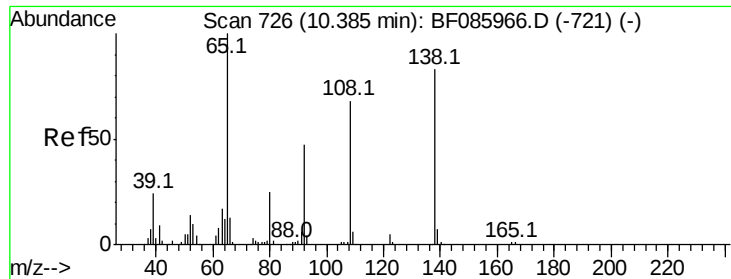
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	204	Resp:	265533
Ion Ratio		Lower	Upper
204	100		
206	32.5	26.6	39.8
141	71.6	57.4	86.0





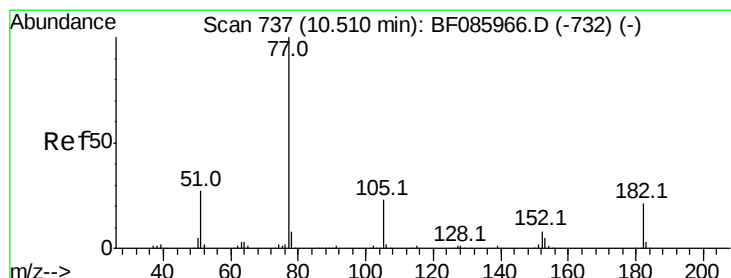
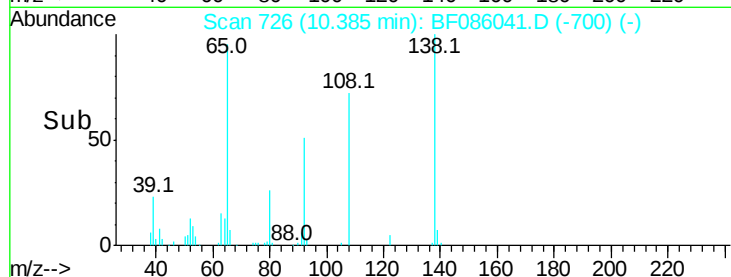
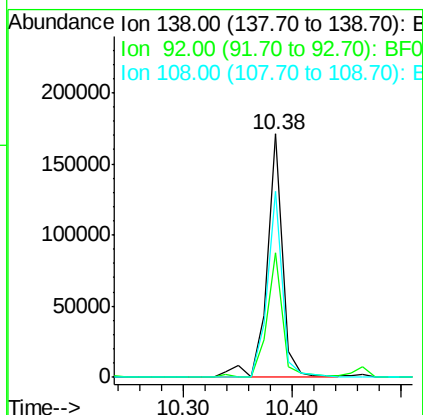
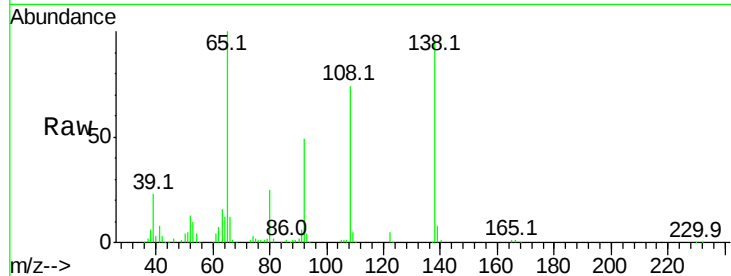
#61
4-Nitroaniline
Concen: 41.26 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	26.4	66.4
108	76.6	49.0	89.0

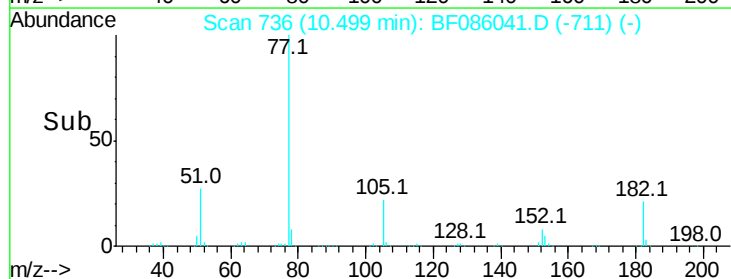
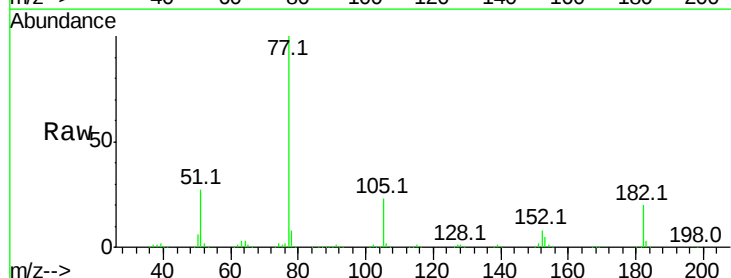
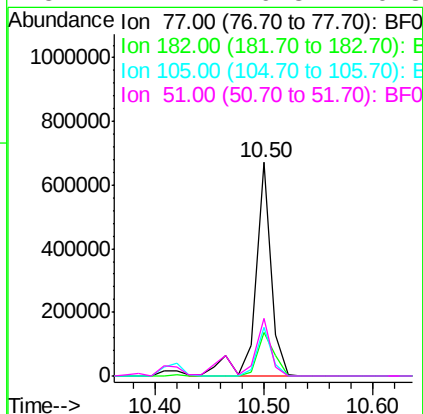
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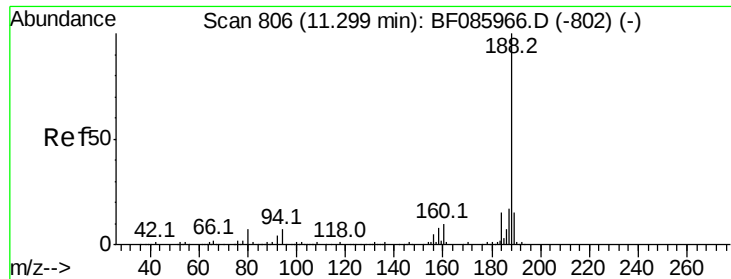
Sohil
4/5/2016 6:39:02 PM



#62
Azobenzene
Concen: 42.73 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.9	41.9
105	23.1	3.5	43.5
51	27.1	6.3	46.3





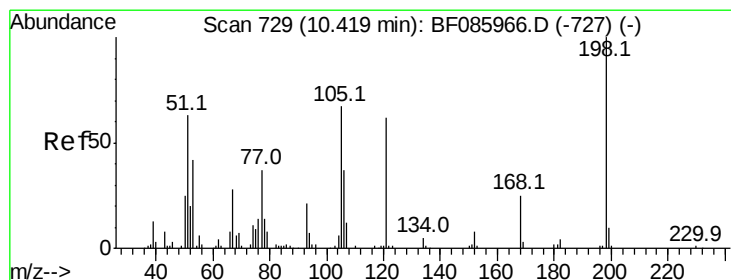
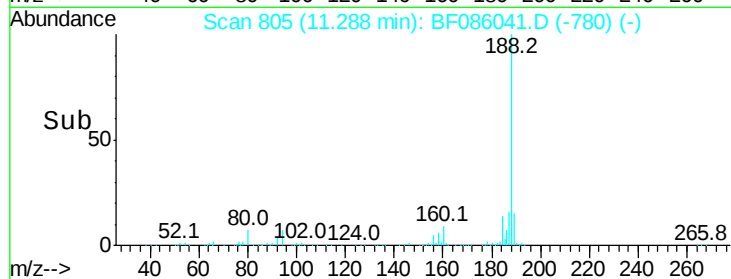
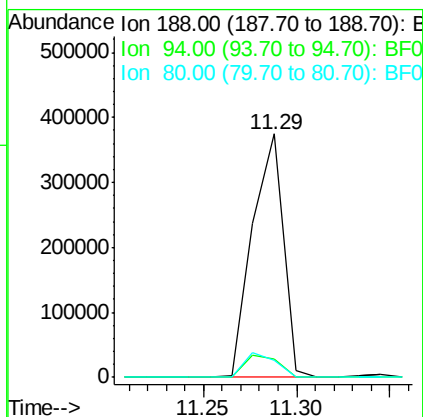
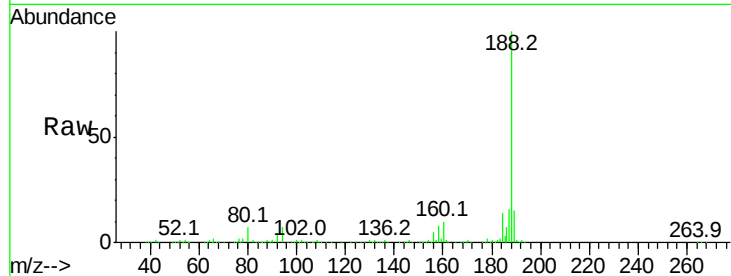
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	429143		
94	7.3		5.4	8.0
80	7.0		5.5	8.3

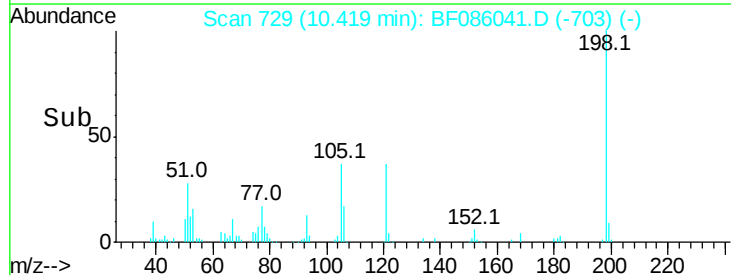
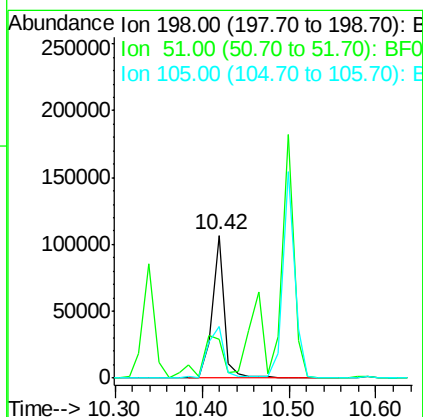
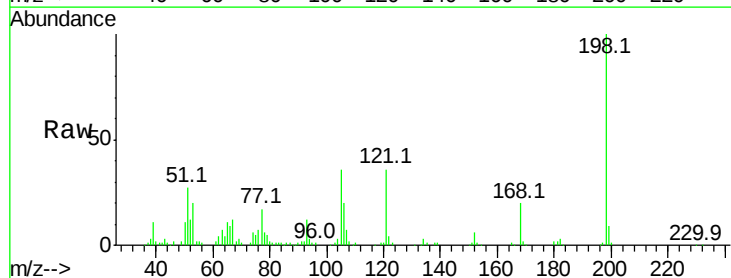
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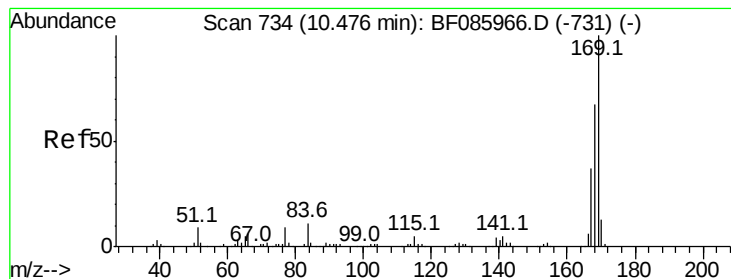
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.37 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	104999		
51	27.4		45.4	85.4#
105	36.0		45.9	85.9#





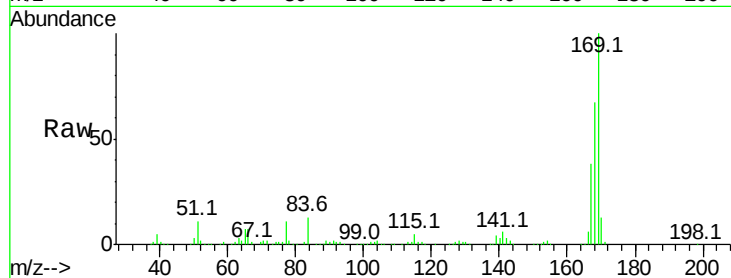
#65
n-Nitrosodiphenylamine
Concen: 40.96 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

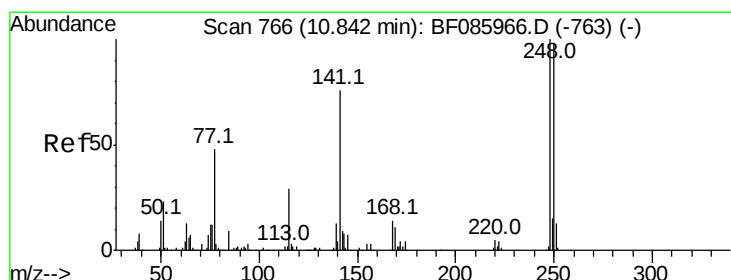
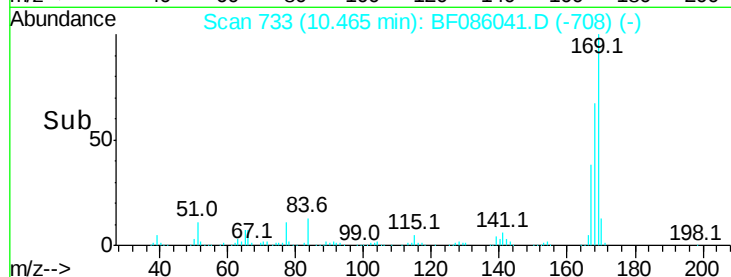
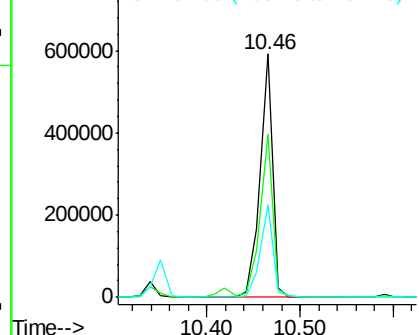
Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	66.9	54.4	81.6
167	37.9	29.4	44.0

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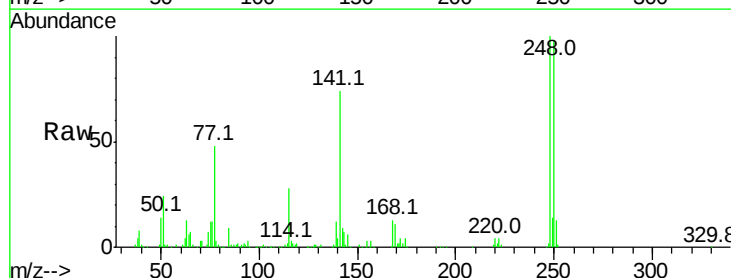


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

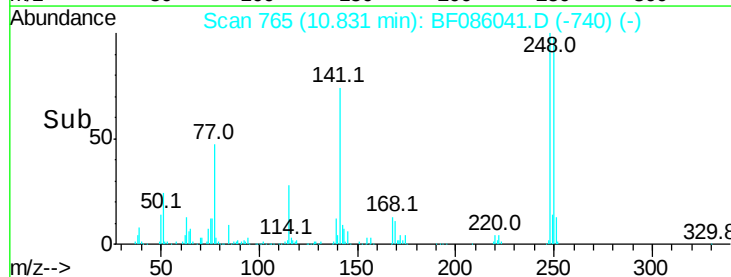
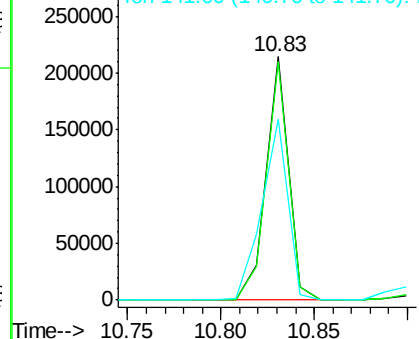


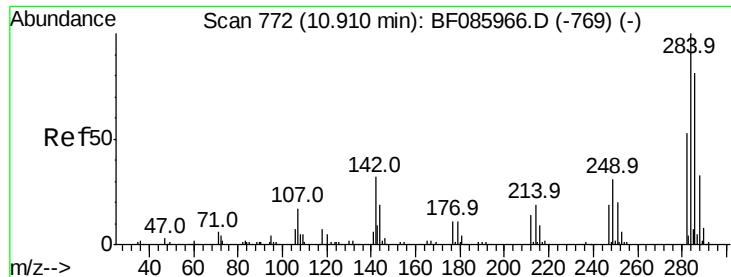
#66
4-Bromophenyl-phenylether
Concen: 40.38 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.7	77.4	116.0
141	74.5	63.6	95.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





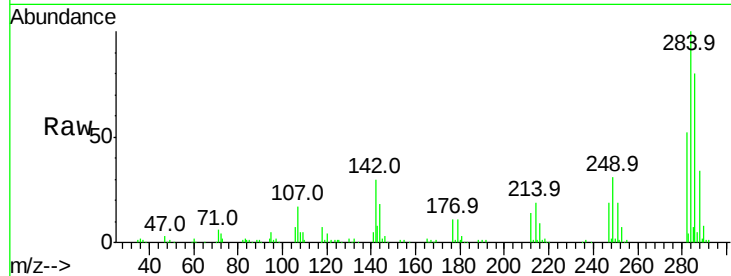
#67
Hexachlorobenzene
Concen: 41.97 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

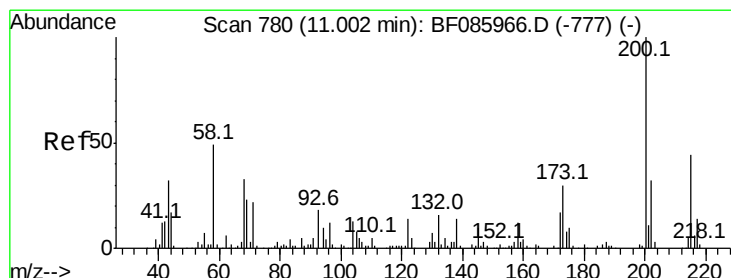
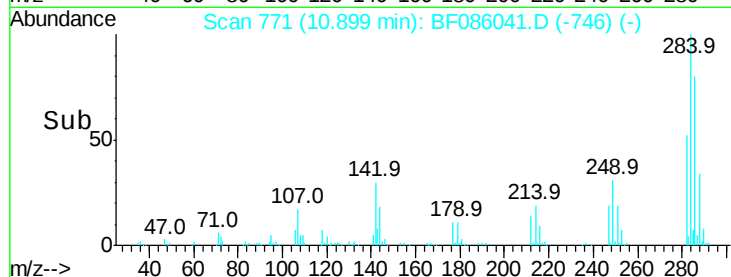
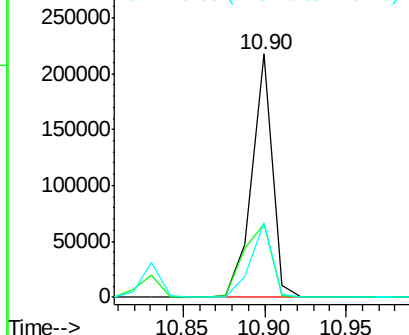
Tot Ion	Ratio	Resp	Lower	Upper
284	100	190143		
142	30.4	23.1	34.7	
249	30.5	24.2	36.2	

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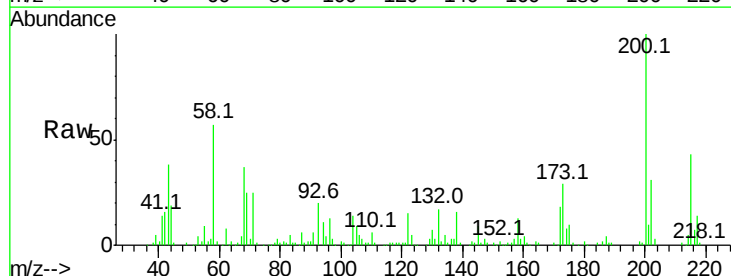


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

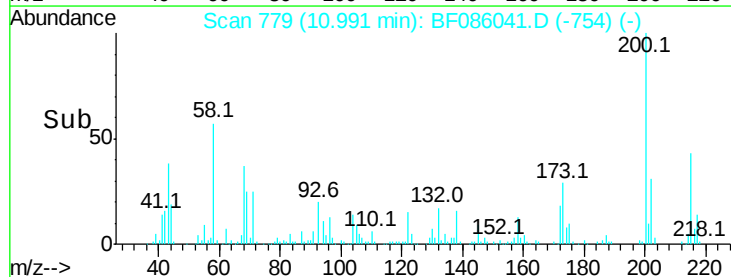
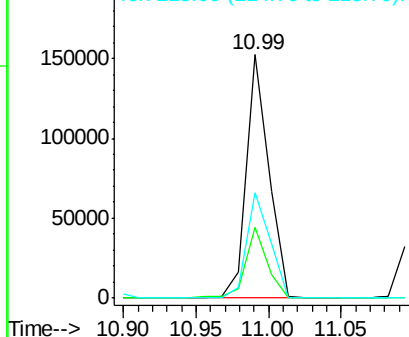


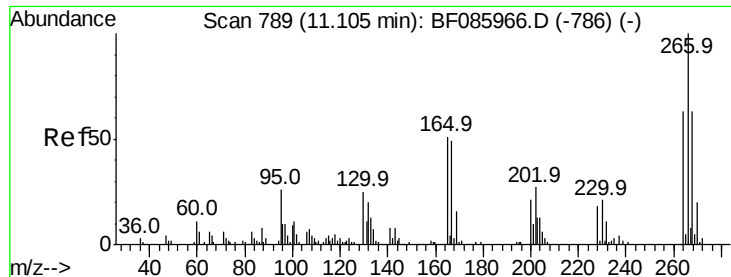
#68
Atrazine
Concen: 37.57 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	162922		
173	29.2	7.7	47.7	
215	43.2	25.4	65.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





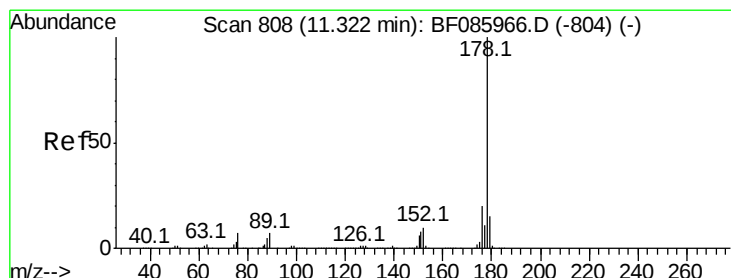
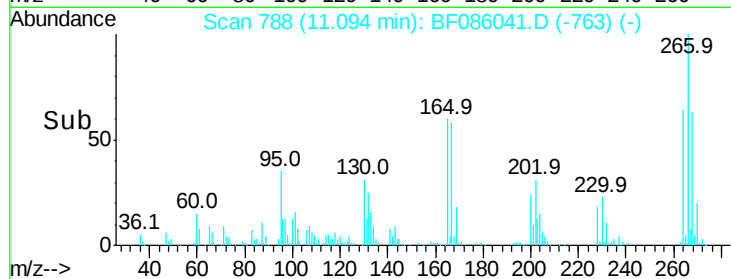
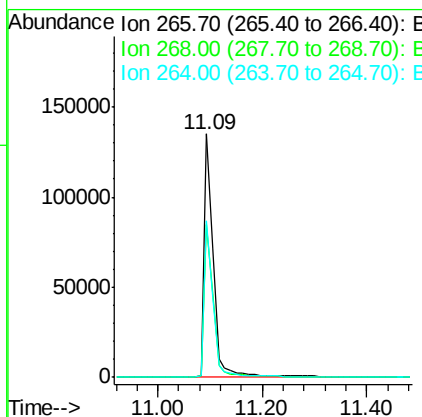
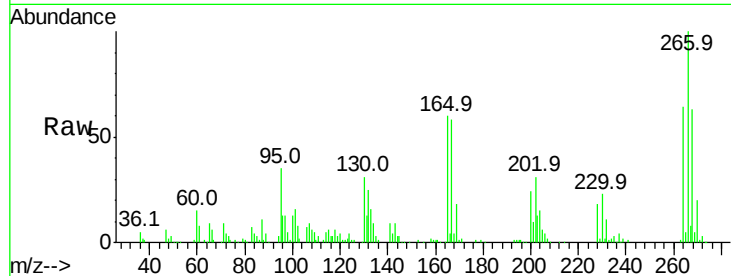
#69
 Pentachlorophenol
 Concen: 78.89 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	167513		
268	62.9	51.5	77.3	
264	64.3	50.6	76.0	

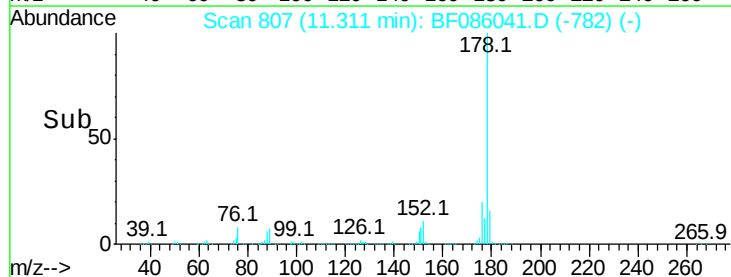
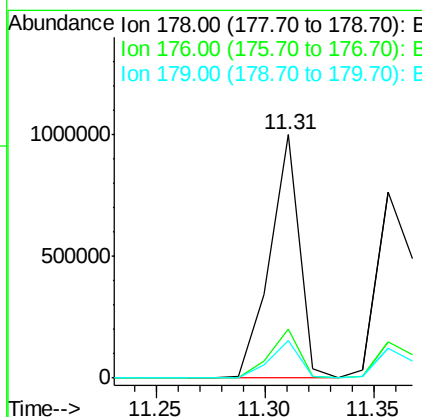
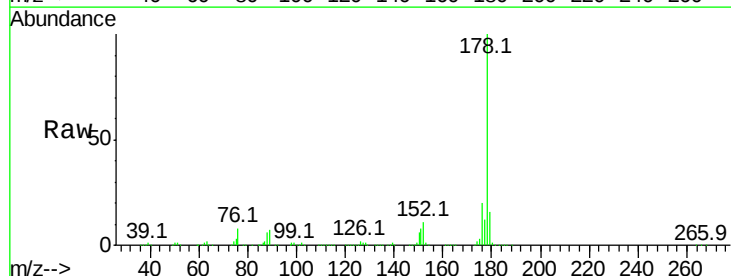
Manual Integrations
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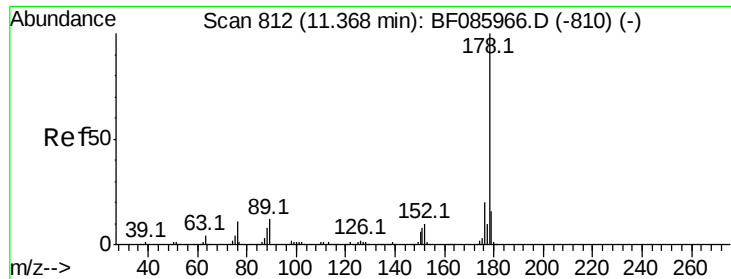
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#70
 Phenanthrene
 Concen: 40.90 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	957503		
176	20.3	16.3	24.5	
179	15.7	12.6	18.8	





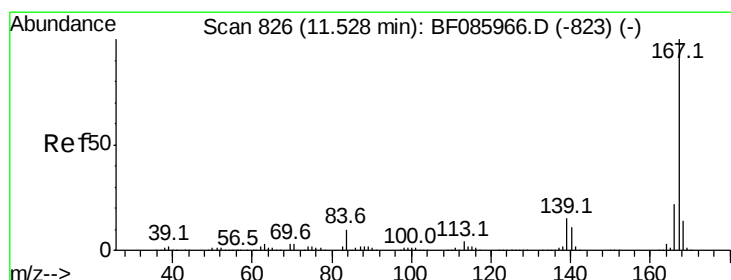
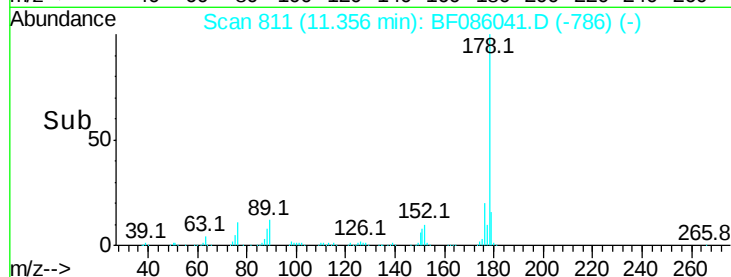
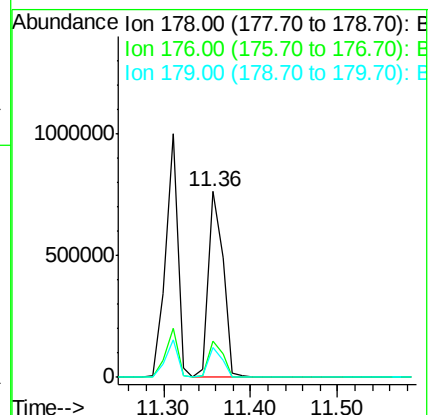
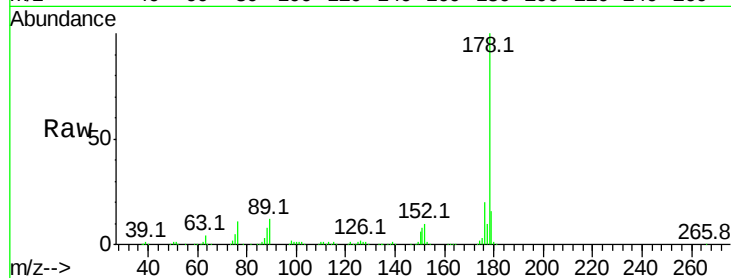
#71
 Anthracene
 Concen: 36.90 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.2	13.0	19.4

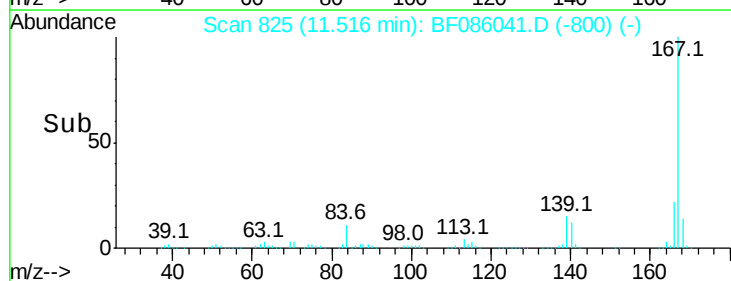
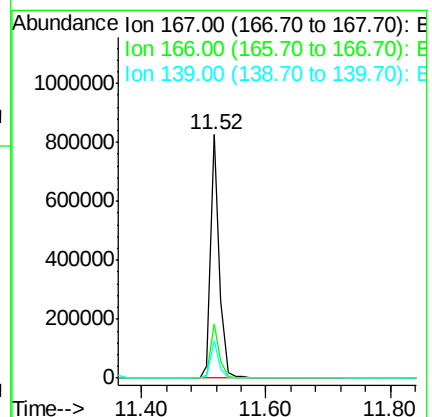
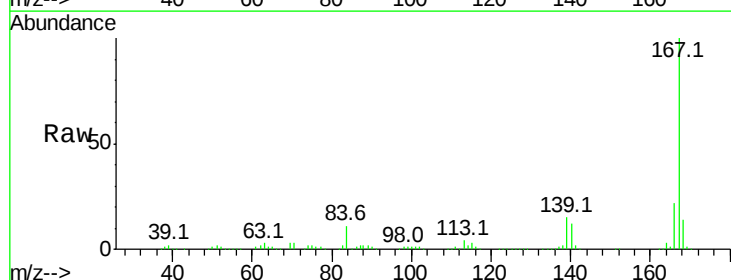
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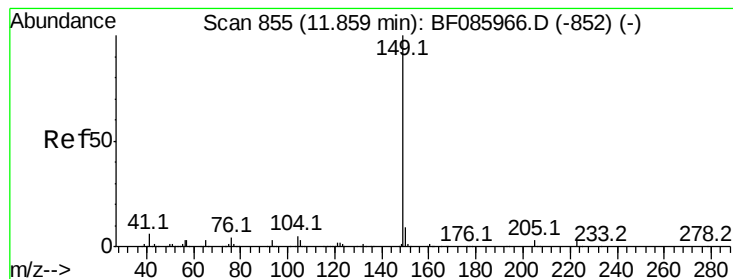
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#72
 Carbazole
 Concen: 38.13 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	15.2	11.6	17.4





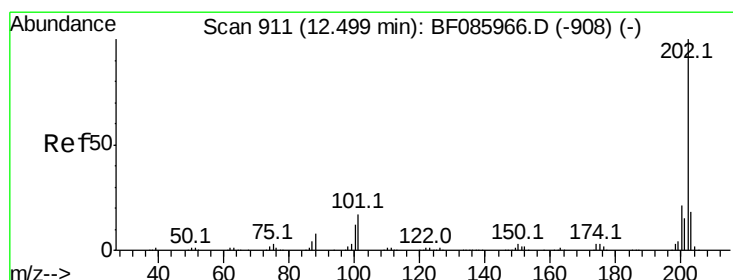
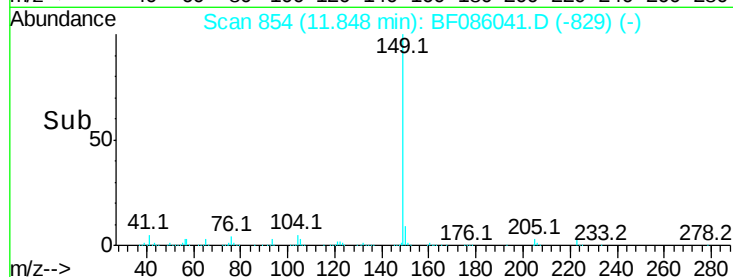
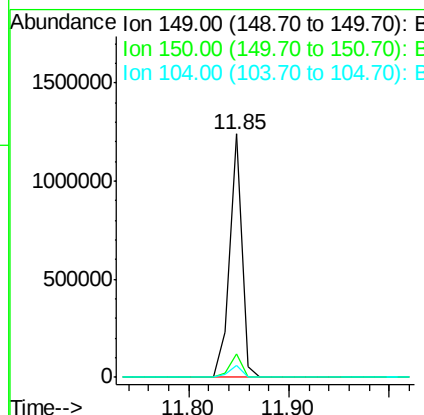
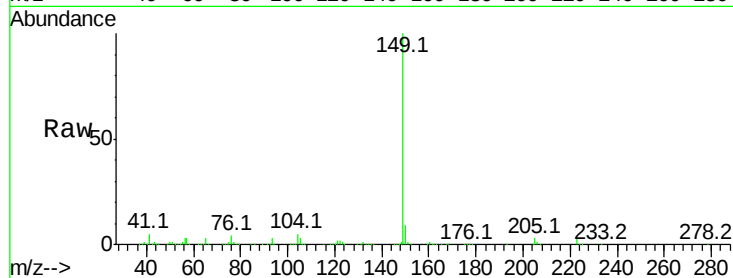
#73
Di-n-butylphthalate
Concen: 40.16 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	4.8	3.8	5.8	

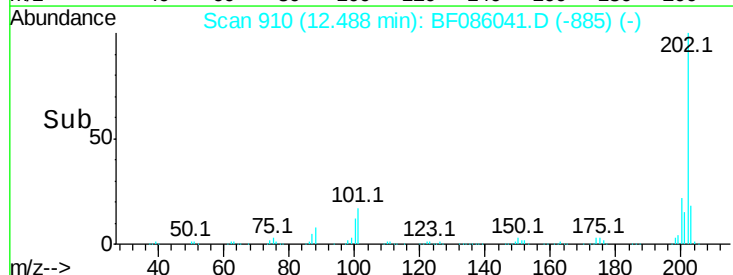
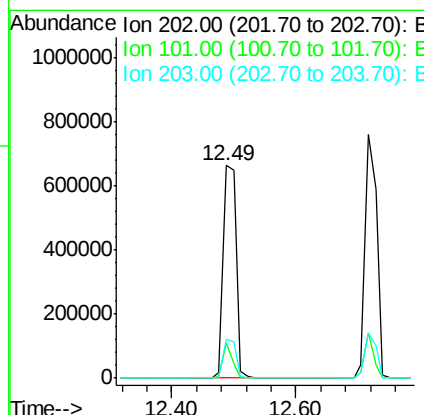
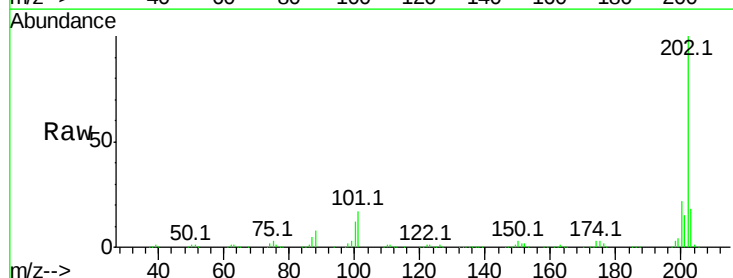
Manual Integrations
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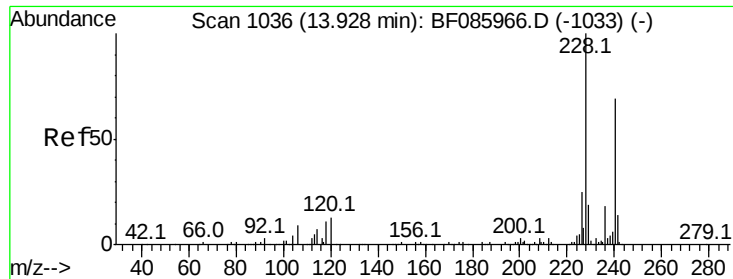
Sohil
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#74
Fluoranthene
Concen: 38.42 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	16.5	0.0	36.6	
203	18.3	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

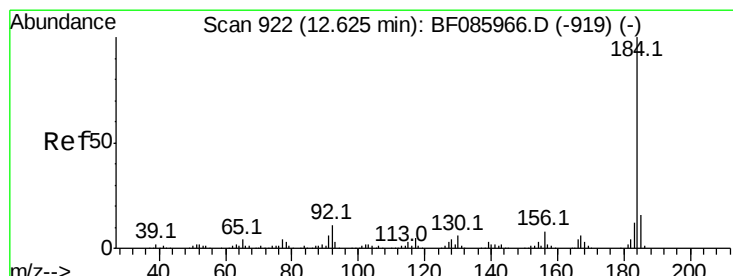
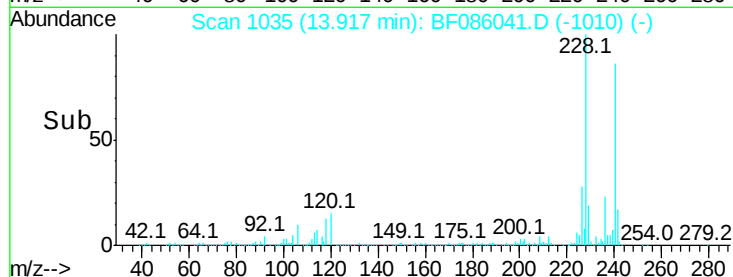
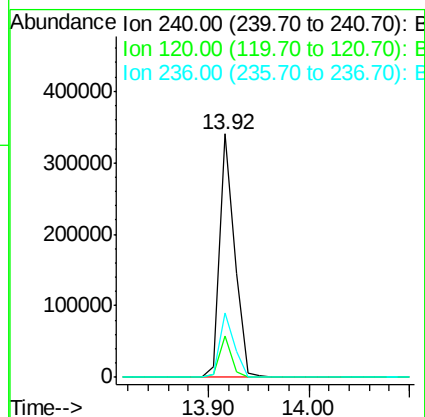
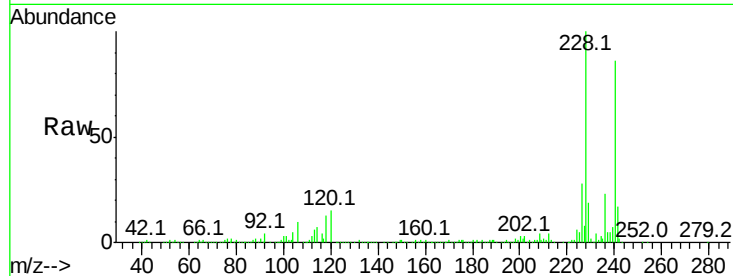
ClientSampleId :

PB89461BS

Tot Ion:	240	Resp:	350790
Ion Ratio	Lower	Upper	
240	100		
120	17.1	13.8	20.8
236	26.5	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 34.16 ng

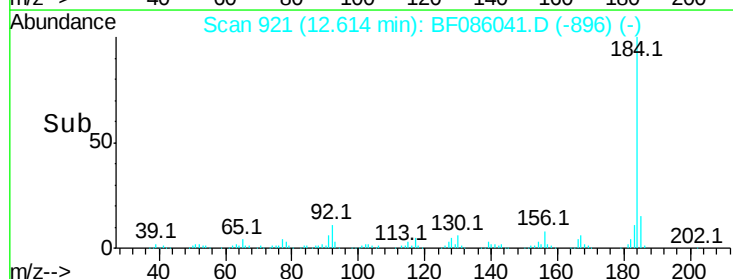
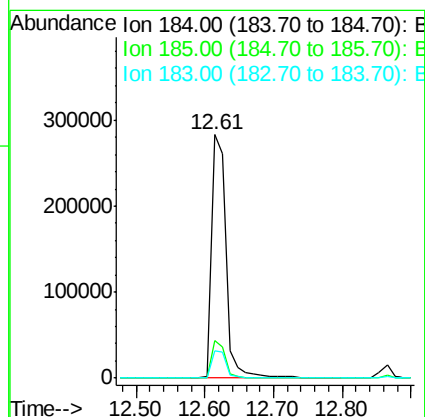
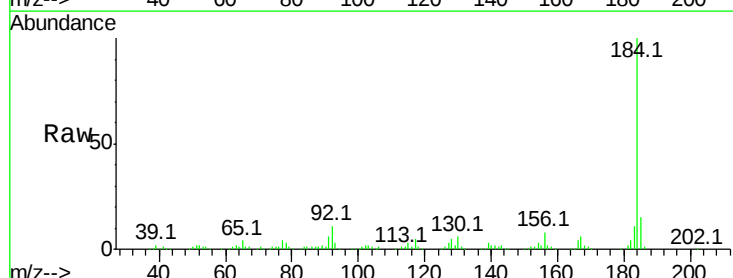
RT: 12.61 min Scan# 921

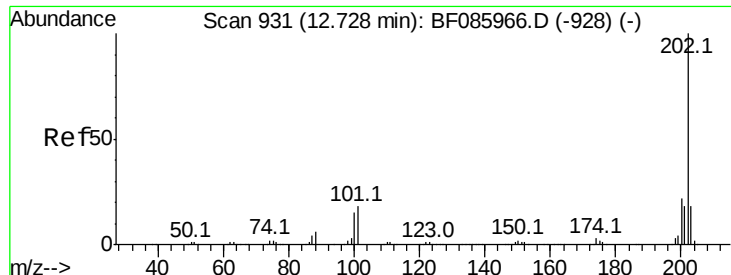
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	184	Resp:	422789
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.4	18.6
183	11.4	9.4	14.2





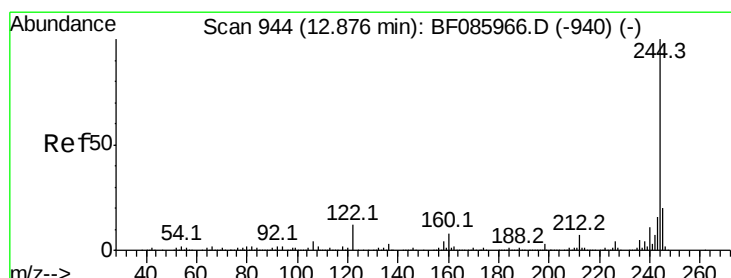
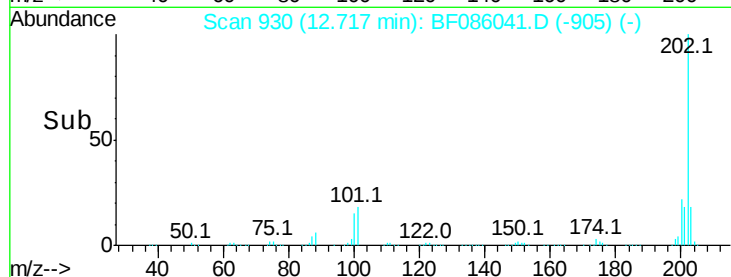
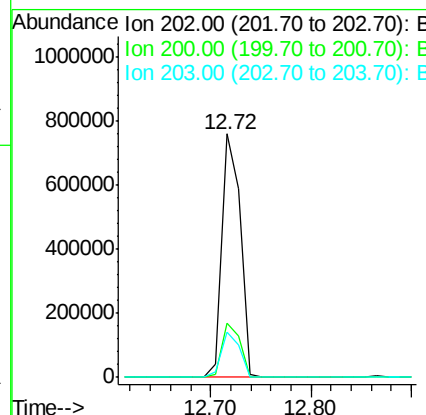
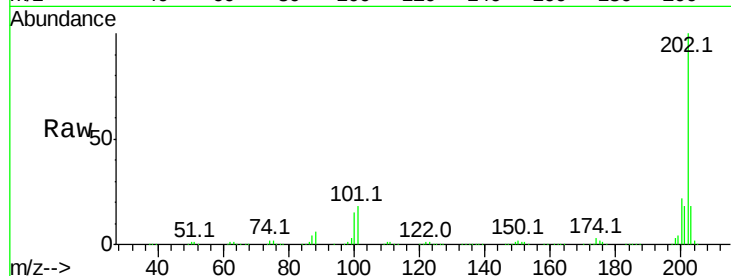
#77
Pvrene
Concen: 39.08 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.4	14.0	21.0

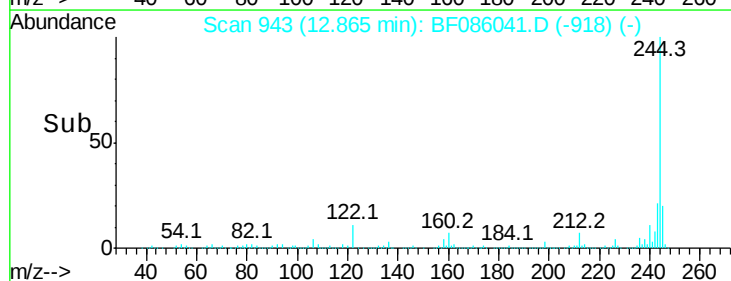
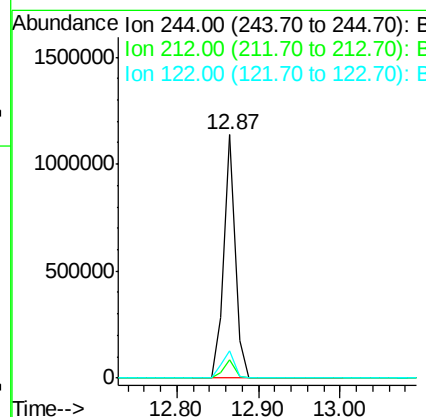
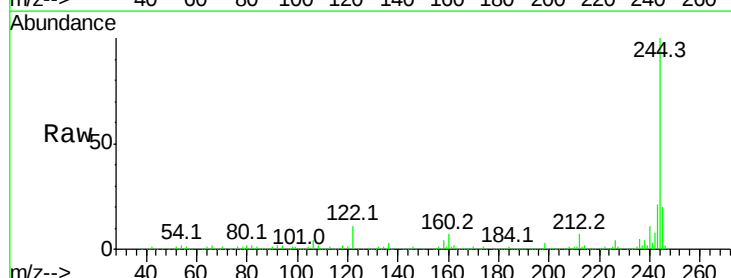
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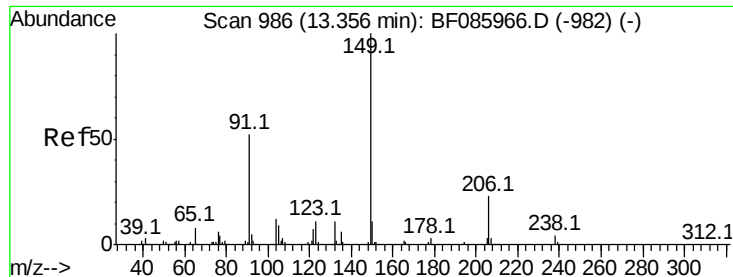
Sohil
4/5/2016 6:39:02 PM



#78
Terphenyl-d14
Concen: 73.88 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.4	10.2	15.4





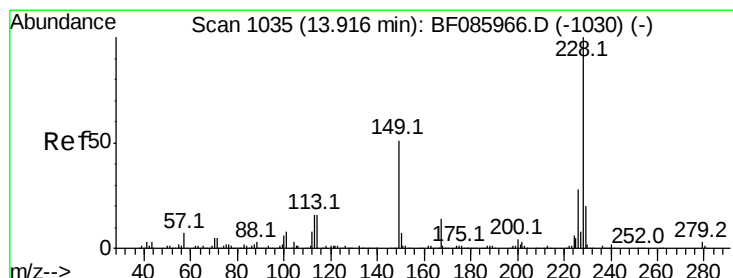
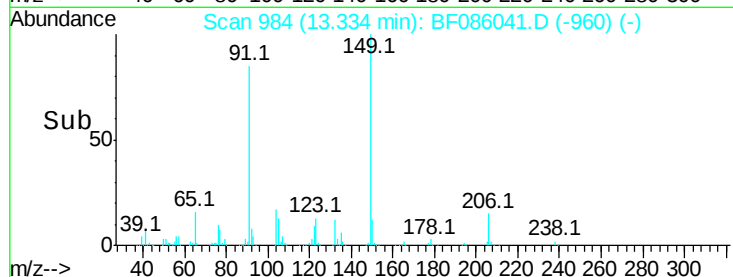
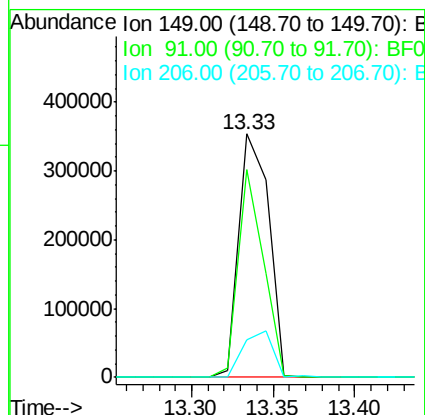
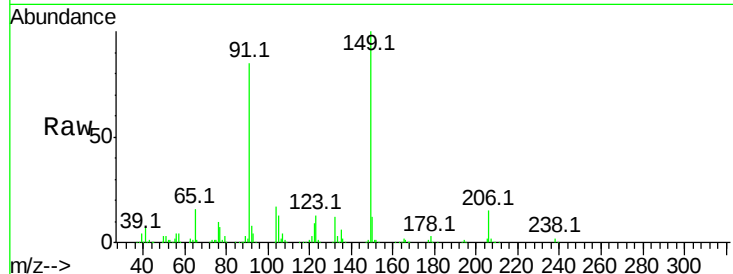
#79
Butylbenzylphthalate
Concen: 40.36 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	449226		
91	85.5	45.8	68.8#	
206	15.2	17.8	26.8#	

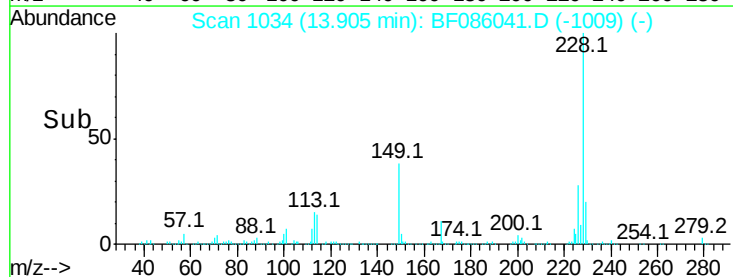
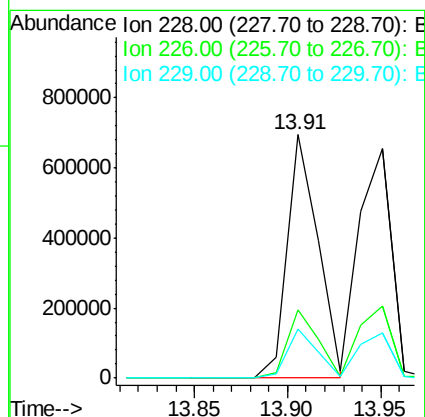
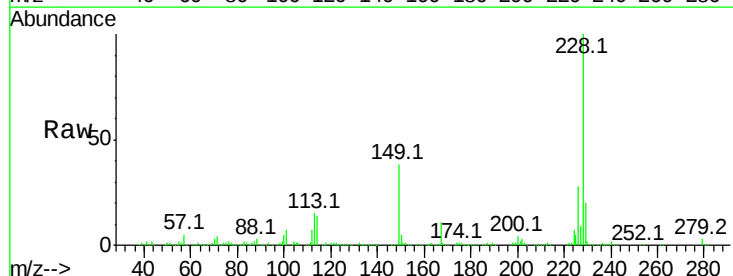
Manual Integrations
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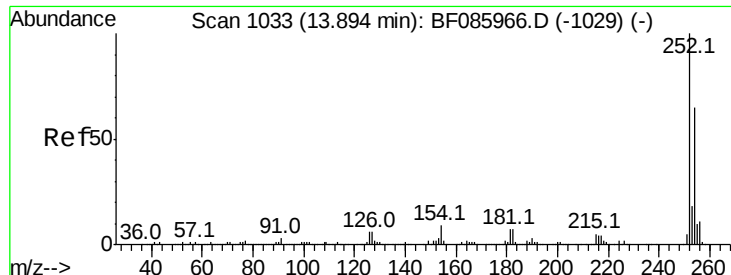
Sohil
4/5/2016 6:39:02 PM



#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	801176		
226	28.0	22.1	33.1	
229	20.2	16.2	24.4	





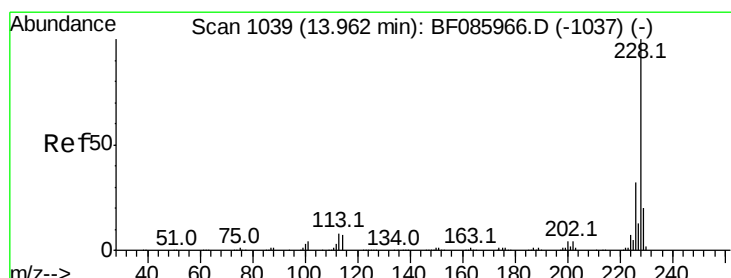
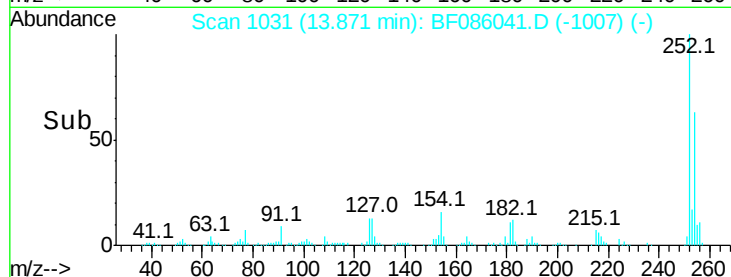
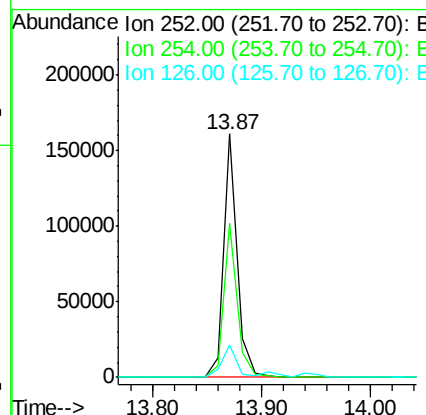
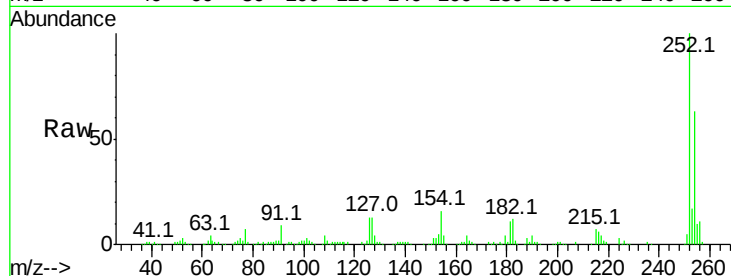
#81
 3,3'-Dichlorobenzidine
 Concen: 9.34 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.7	76.1
126	13.1	11.8	17.6

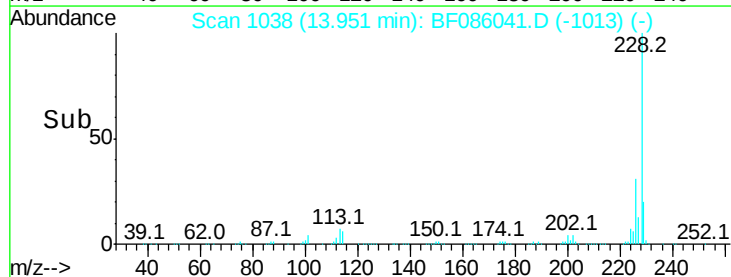
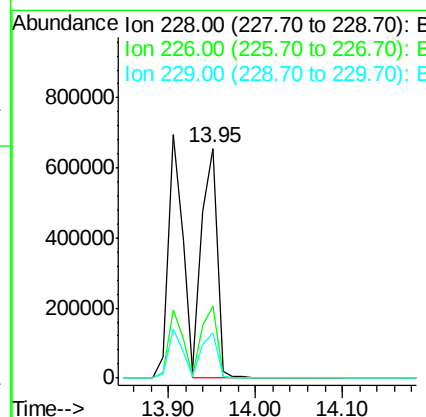
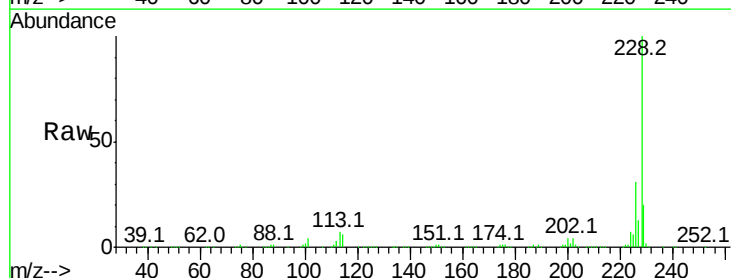
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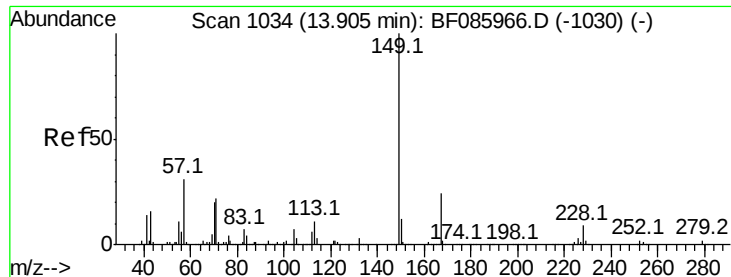
Sohil
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#82
 Chrysene
 Concen: 40.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.8	15.7	23.5





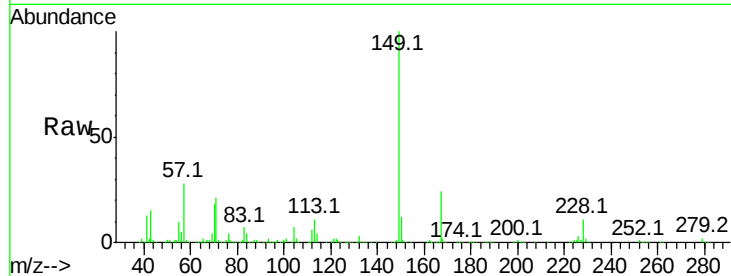
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.09 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

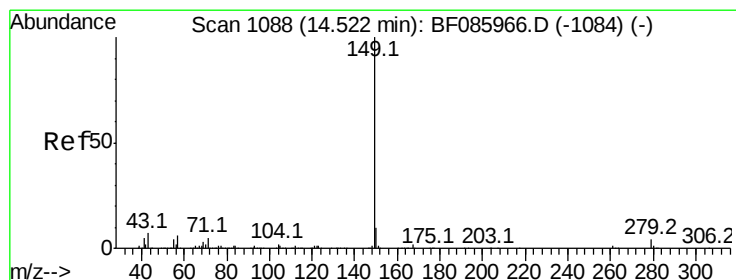
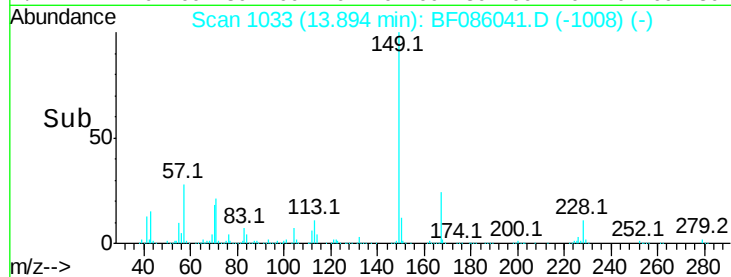
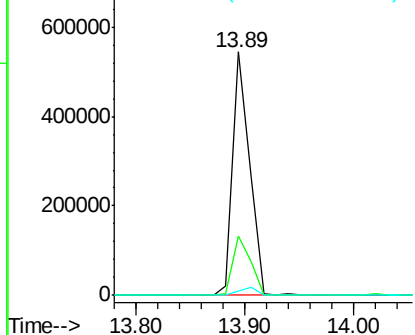
Tot Ion	Ratio	Resp	Lower	Upper
149	100	577526		
167	24.4		19.4	29.2
279	2.0		1.5	2.3

Manual Integrations
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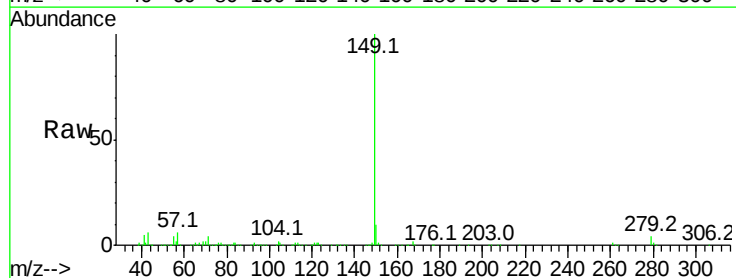


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

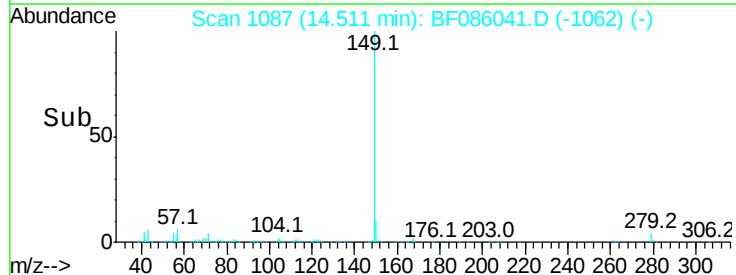
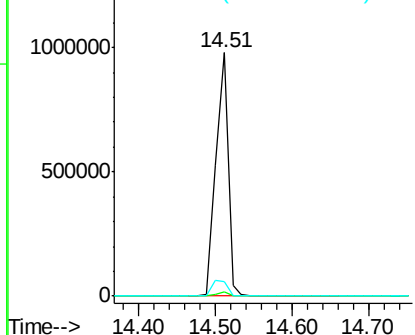


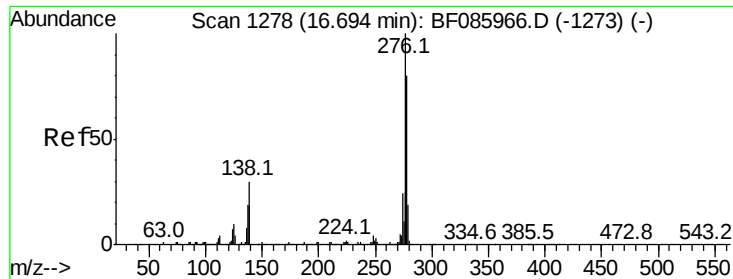
#84
 Di-n-octyl phthalate
 Concen: 45.64 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1076749		
167	1.5		1.2	1.8
43	8.1		7.1	10.7



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.37 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

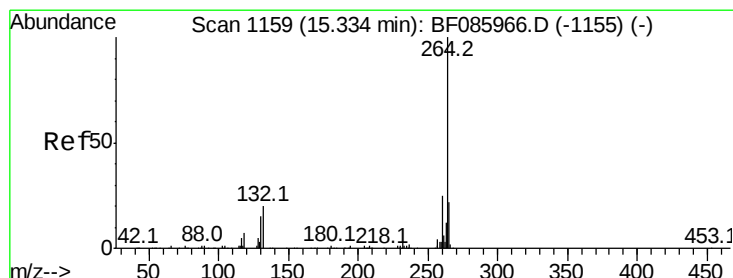
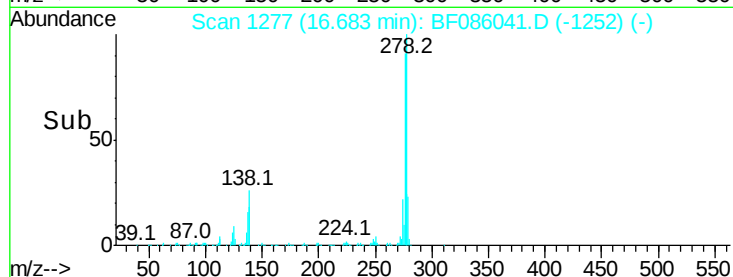
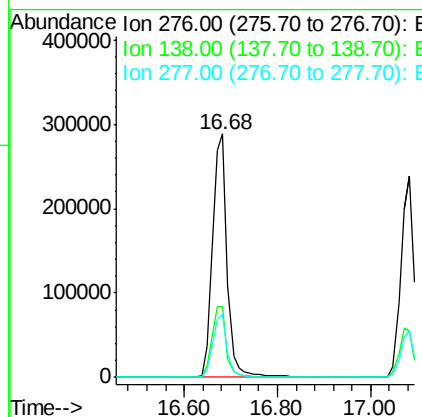
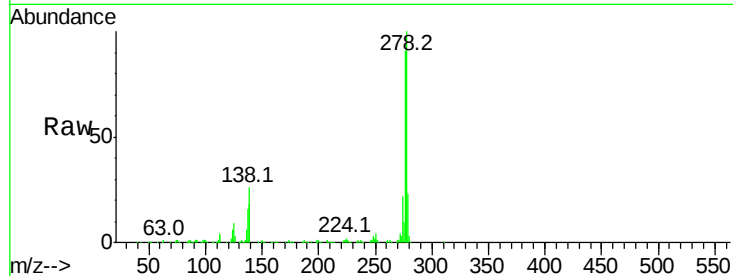
ClientSampleId :

PB89461BS

Tot Ion:	276	Resp:	636284
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.2	36.4
277	25.4	20.0	30.0

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

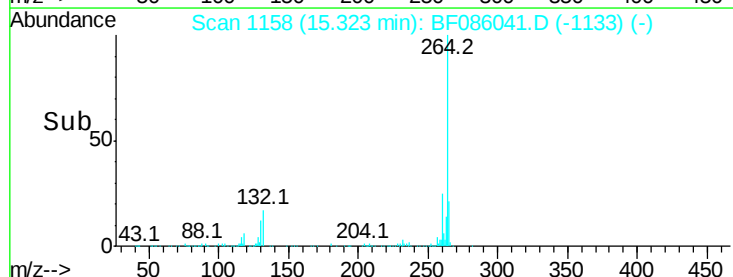
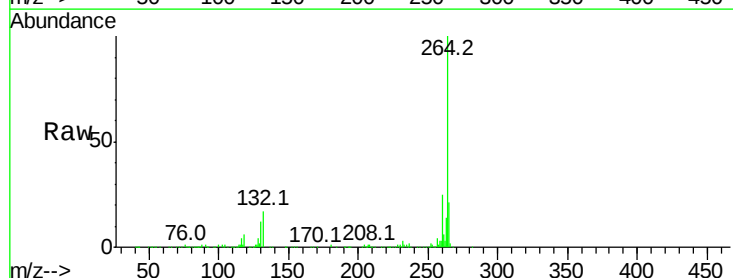
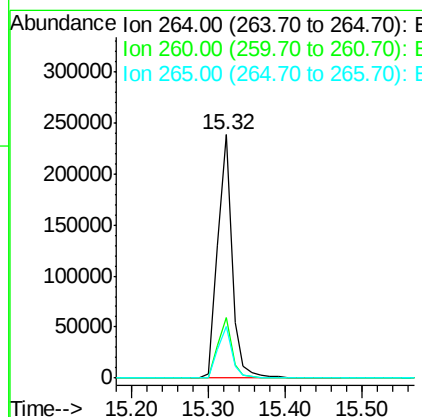
RT: 15.32 min Scan# 1158

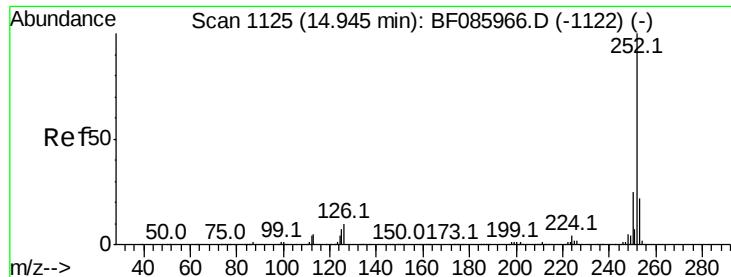
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion:	264	Resp:	309754
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.21 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

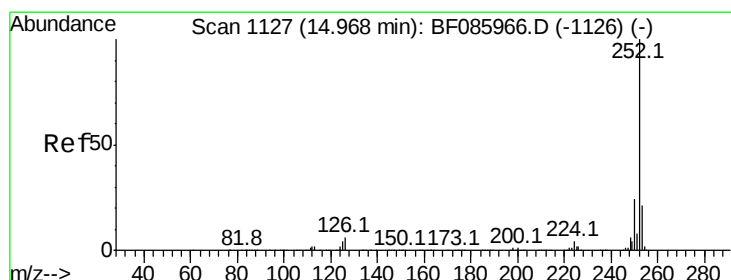
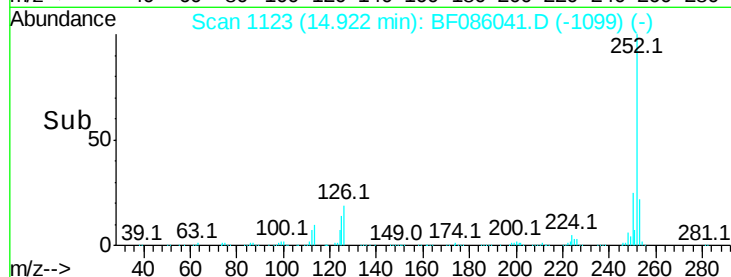
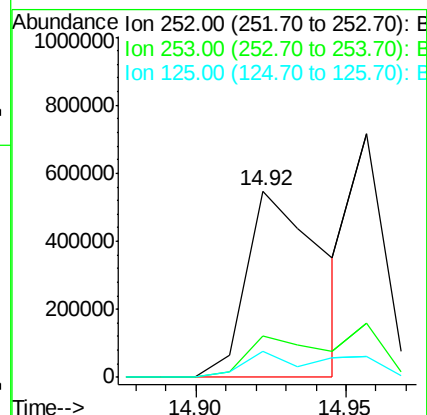
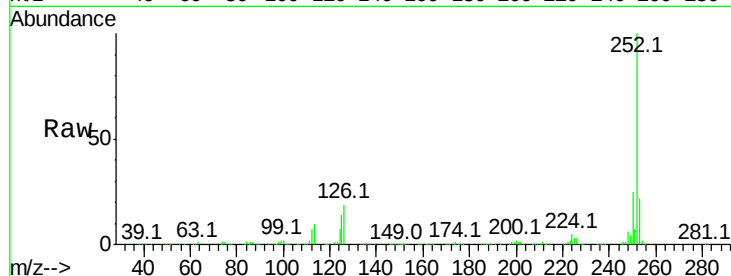
ClientSampleId :

PB89461BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.8	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 32.52 ng m

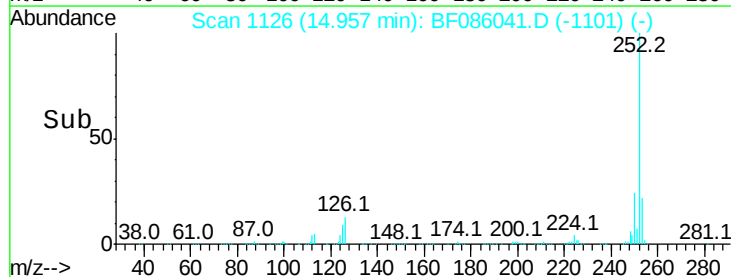
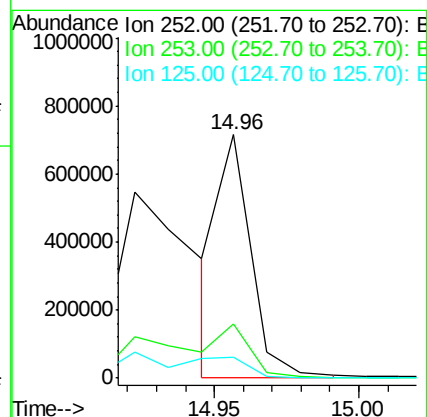
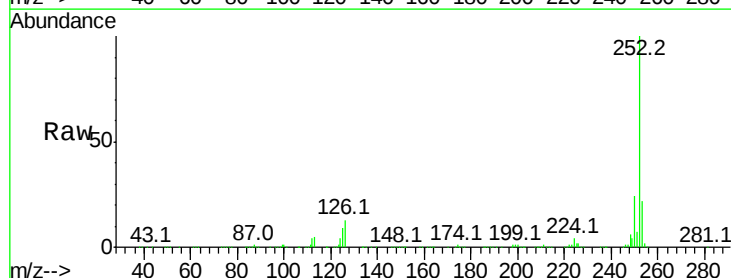
RT: 14.96 min Scan# 1126

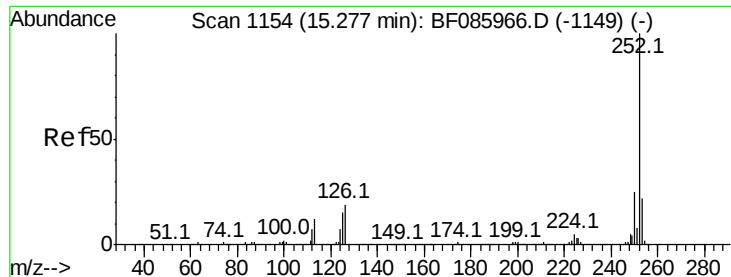
Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.8	7.7	11.5





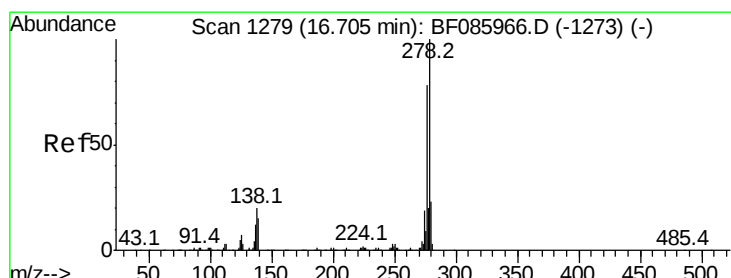
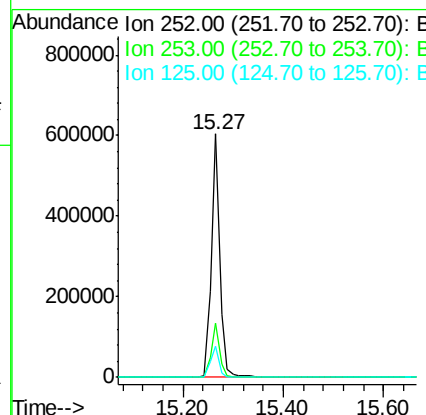
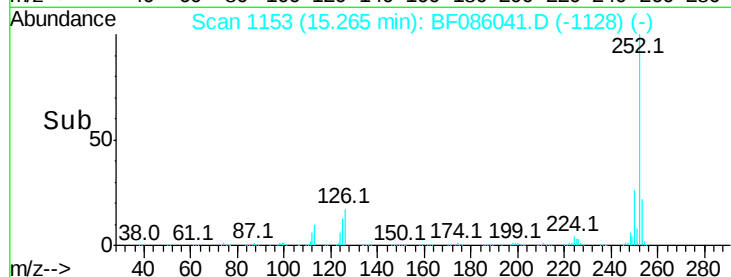
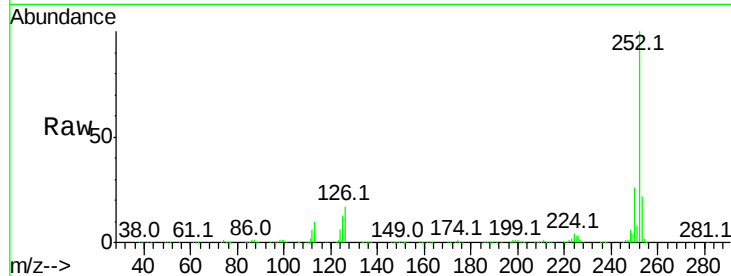
#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.8	10.3	15.5

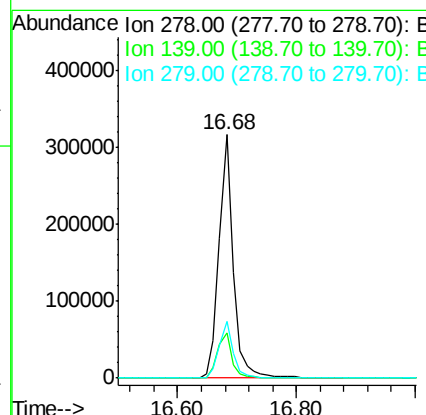
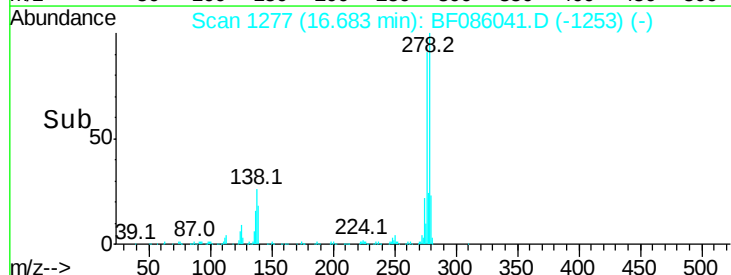
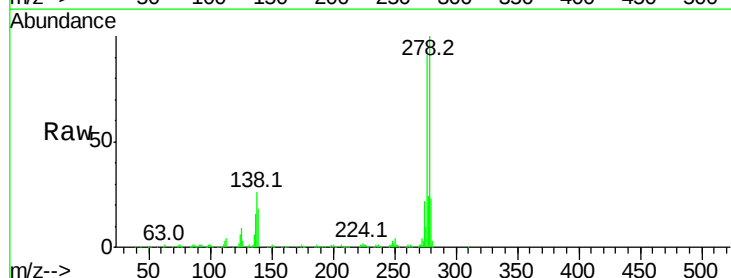
Manual Integrations
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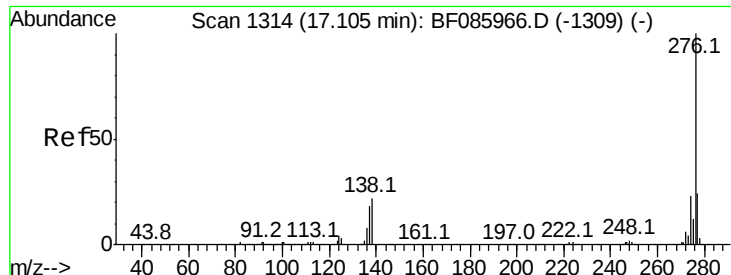
Sohil
4/5/2016 6:39:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.21 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.4	21.6
279	23.4	19.1	28.7





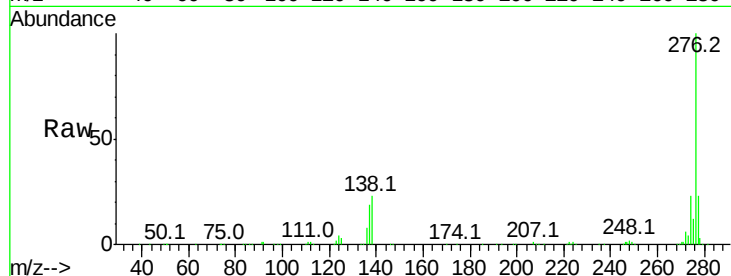
#91
 Benzo(a,h,i)perylene
 Concen: 38.12 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.1	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:02 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

