

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090086.D
 Acq On : 15 Sep 2016 12:25
 Operator : UM/SJ
 Sample : PB93381BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Manual Integrations
 APPROVED

sohil
 9/16/2016 11:34:53 AM

Quant Time: Sep 15 13:01:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	142239	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	583740	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	306273	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	485002	20.00	ng	0.00
75) Chrysene-d12	13.67	240	311819	20.00	ng	0.00
86) Perylene-d12	14.99	264	260029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1118619	126.48	ng	0.01
7) Phenol-d6	6.20	99	1324407	114.38	ng	0.00
23) Nitrobenzene-d5	7.12	82	805070	77.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	298513	97.03	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1433840	73.52	ng	0.00
78) Terphenyl-d14	12.63	244	1099677	83.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	162575	35.21	ng	99
3) Pyridine	2.65	79	454458	38.93	ng	98
4) n-Nitrosodimethylamine	2.62	42	138838	37.78	ng	98
6) Aniline	6.22	93	301183	20.96	ng	# 26
8) 2-Chlorophenol	6.33	128	400428	39.30	ng	95
9) Benzaldehyde	6.09	77	41932	6.79	ng	97
10) Phenol	6.22	94	550916	42.39	ng	# 74
11) bis(2-Chloroethyl)ether	6.30	93	416586	39.97	ng	97
12) 1,3-Dichlorobenzene	6.49	146	439616	41.94	ng	97
13) 1,4-Dichlorobenzene	6.57	146	443978	41.03	ng	97
14) 1,2-Dichlorobenzene	6.72	146	403302m	41.02	ng	
15) Benzyl Alcohol	6.71	79	305343	46.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	476128	38.55	ng	97
17) 2-Methylphenol	6.83	107	360988	43.31	ng	97
18) Hexachloroethane	7.06	117	159266	40.56	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	276407	38.42	ng	98
20) 3+4-Methylphenols	6.98	107	438067	44.91	ng	# 86
22) Acetophenone	6.97	105	517786	36.64	ng	# 98
24) Nitrobenzene	7.14	77	449217	41.08	ng	90
25) Isophorone	7.38	82	824877	37.94	ng	98
26) 2-Nitrophenol	7.46	139	231283	43.62	ng	# 89
27) 2,4-Dimethylphenol	7.52	122	379250	40.65	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	548172	42.99	ng	99
29) 2,4-Dichlorophenol	7.70	162	336172	40.79	ng	92
30) 1,2,4-Trichlorobenzene	7.78	180	322421	39.66	ng	98
31) Naphthalene	7.86	128	1265066	44.09	ng	99
32) Benzoic acid	7.63	122	119974	16.78	ng	97
33) 4-Chloroaniline	7.92	127	134444	11.01	ng	96
34) Hexachlorobutadiene	7.99	225	172053	41.33	ng	99
35) Caprolactam	8.28	113	127632m	46.37	ng	
36) 4-Chloro-3-methylphenol	8.41	107	370272	38.70	ng	98
37) 2-Methylnaphthalene	8.55	142	707105	39.73	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	267267	33.94	ng	99
40) Hexachlorocyclopentadiene	8.71	237	290589	71.00	ng	97

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Quant Time: Sep 15 13:01:47 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	220179	38.57	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	230805	37.59	ng #	95
45) 1,1'-Biphenyl	9.02	154	836697	33.39	ng	98
46) 2-Chloronaphthalene	9.04	162	720178	38.78	ng	95
47) 2-Nitroaniline	9.13	65	223641	37.72	ng #	75
48) Acenaphthylene	9.44	152	1091840	35.01	ng	99
49) Dimethylphthalate	9.32	163	798737	35.11	ng	98
50) 2,6-Dinitrotoluene	9.38	165	182530	35.91	ng	92
51) Acenaphthene	9.61	154	637796	36.62	ng	100
52) 3-Nitroaniline	9.54	138	107646	17.40	ng	87
53) 2,4-Dinitrophenol	9.66	184	141020	51.02	ng	91
54) Dibenzofuran	9.79	168	985136	40.89	ng	97
55) 4-Nitrophenol	9.72	139	291353	66.94	ng	87
56) 2,4-Dinitrotoluene	9.78	165	233562	37.69	ng	92
57) Fluorene	10.12	166	661978	35.17	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	186273	39.78	ng	100
59) Diethylphthalate	10.02	149	774316	35.16	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	281942	37.94	ng	96
61) 4-Nitroaniline	10.16	138	215909	34.49	ng	88
62) Azobenzene	10.28	77	941720	40.75	ng	97
64) 4,6-Dinitro-2-methylphenol	10.18	198	102230	31.62	ng #	43
65) n-Nitrosodiphenylamine	10.25	169	703967	45.81	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	209530	44.82	ng #	93
67) Hexachlorobenzene	10.67	284	237009	43.02	ng #	88
68) Atrazine	10.78	200	196140	42.95	ng	95
69) Pentachlorophenol	10.87	266	242902	75.26	ng	99
70) Phenanthrene	11.07	178	973005	41.51	ng	99
71) Anthracene	11.13	178	1162544	45.43	ng	100
72) Carbazole	11.29	167	1155285	44.01	ng	99
73) Di-n-butylphthalate	11.63	149	1224638	41.60	ng	100
74) Fluoranthene	12.25	202	1067498	43.47	ng	99
76) Benzidine	12.39	184	414859	32.62	ng	96
77) Pyrene	12.47	202	1007236	44.26	ng	99
79) Butylbenzylphthalate	13.11	149	488427	43.10	ng #	72
80) Benzo(a)anthracene	13.66	228	788577	43.32	ng	99
81) 3,3'-Dichlorobenzidine	13.62	252	115214	15.10	ng #	95
82) Chrysene	13.69	228	797673	45.01	ng	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	593705	42.36	ng	99
84) Di-n-octyl phthalate	14.29	149	940908	37.55	ng	98
85) Indeno(1,2,3-cd)pyrene	16.17	276	739792	49.87	ng	99
87) Benzo(b)fluoranthene	14.64	252	594219m	38.98	ng	
88) Benzo(k)fluoranthene	14.66	252	621790m	45.31	ng	
89) Benzo(a)pyrene	14.94	252	600569	43.93	ng #	94
90) Dibenzo(a,h)anthracene	16.19	278	622686	58.16	ng	99
91) Benzo(g,h,i)perylene	16.53	276	639681	62.61	ng	100

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

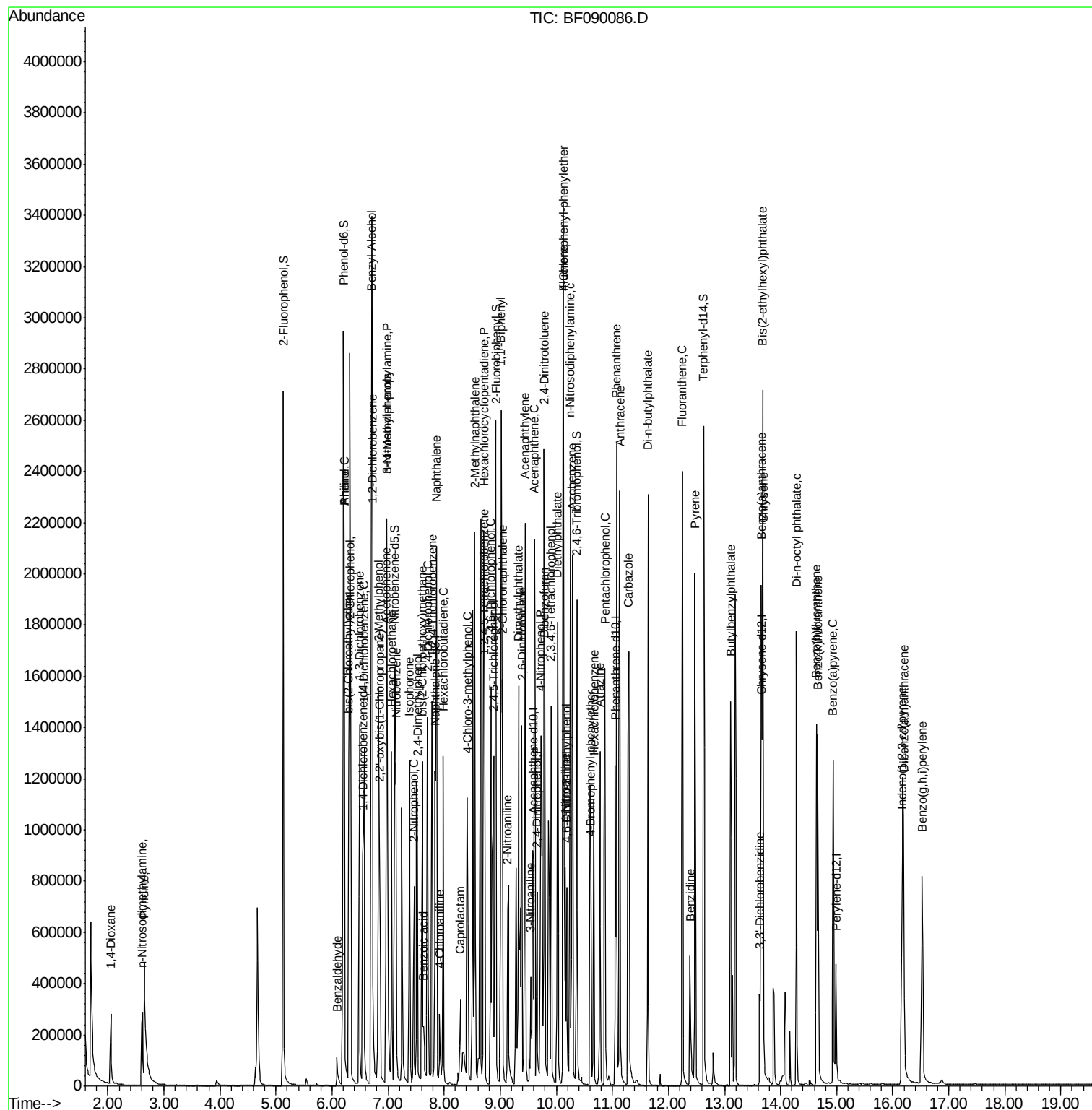
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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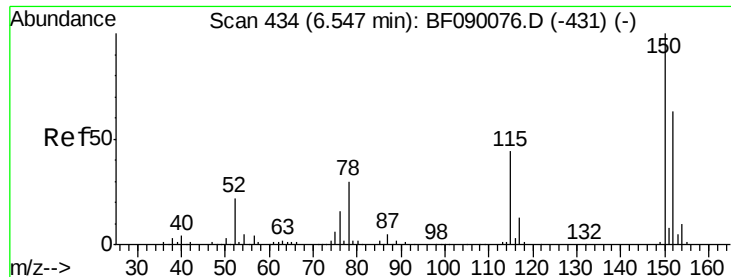
Instrument :
BNA_F
ClientSampled :
PB93381BS

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#1

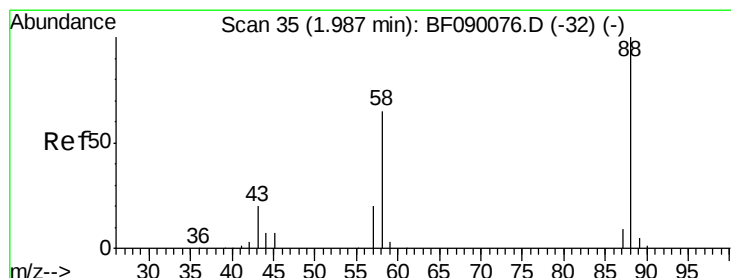
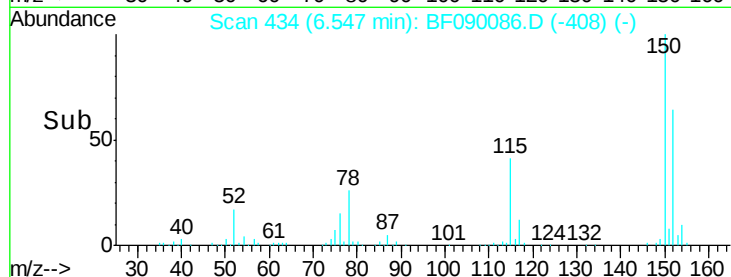
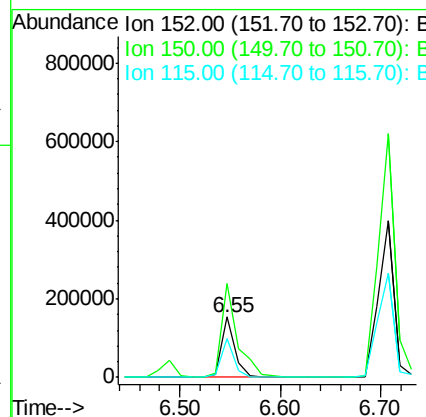
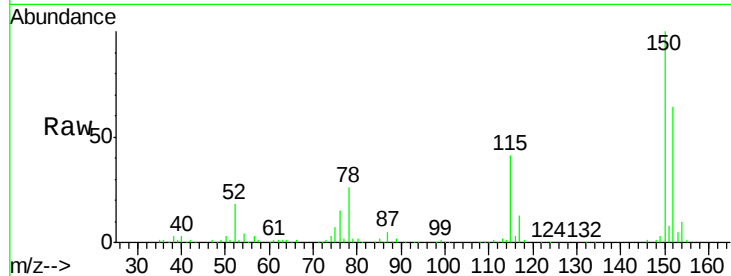
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.9	193.3
115	63.8	55.5	83.3

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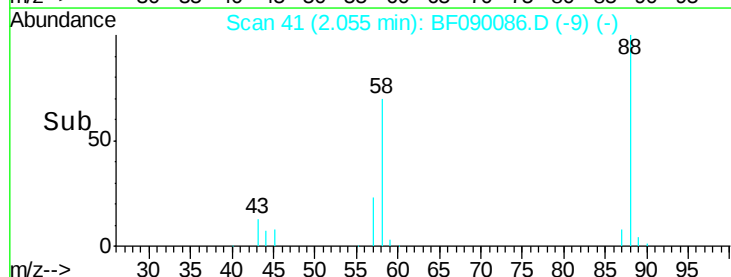
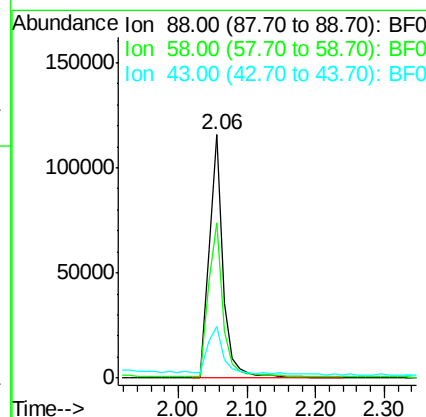
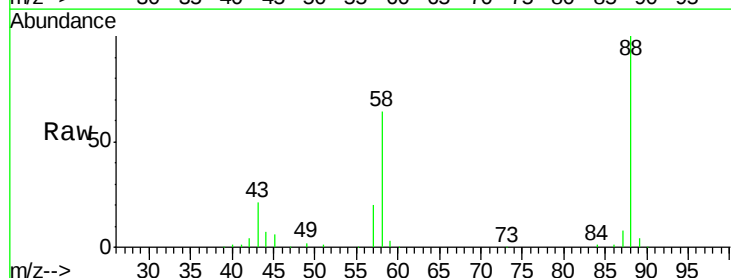
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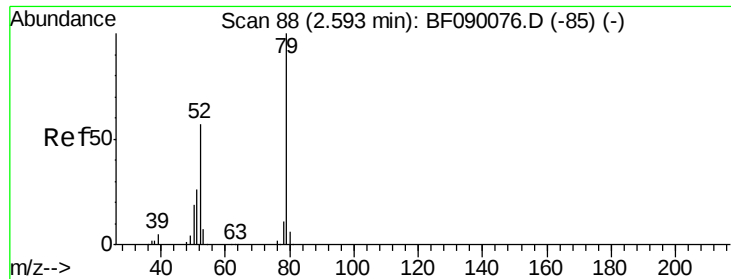


#2

1,4-Dioxane
Concen: 35.21 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	53.4	80.0
43	20.3	16.5	24.7





#3

Pyridine

Concen: 38.93 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

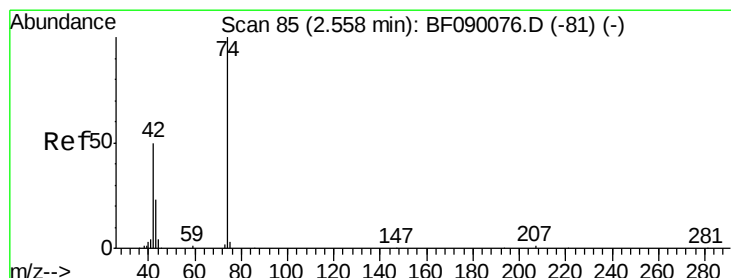
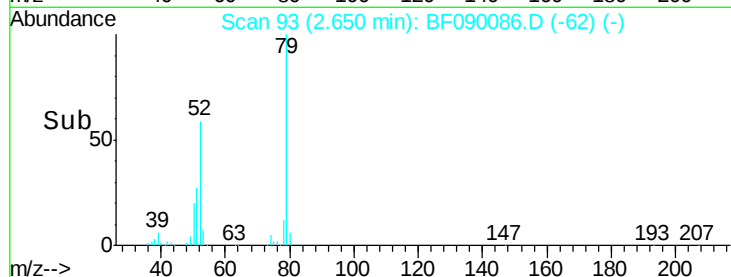
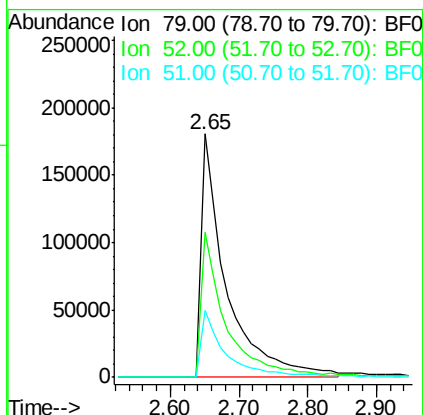
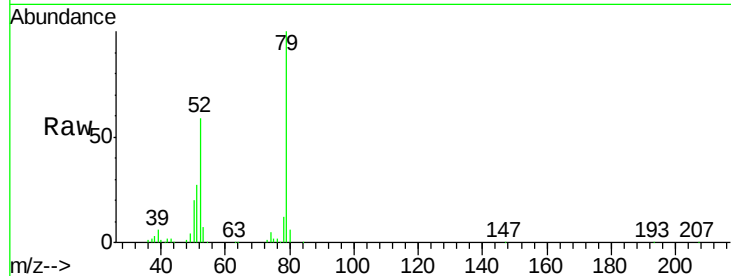
ClientSampleId :

PB93381BS

Tgt Ion:	79	Resp:	454458
Ion	Ratio	Lower	Upper
79	100		
52	59.4	45.9	68.9
51	27.3	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 37.78 ng

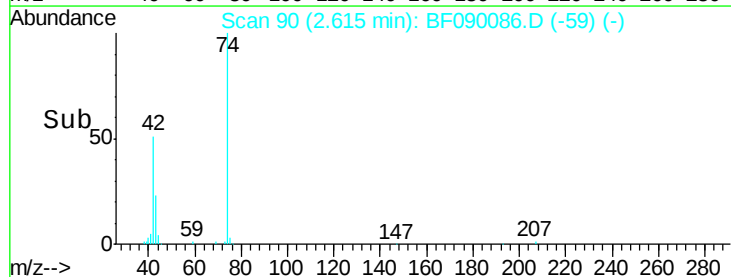
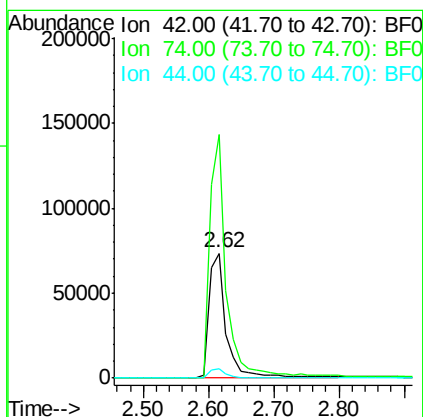
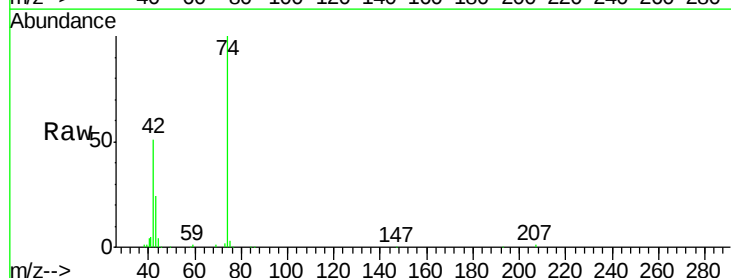
RT: 2.62 min Scan# 90

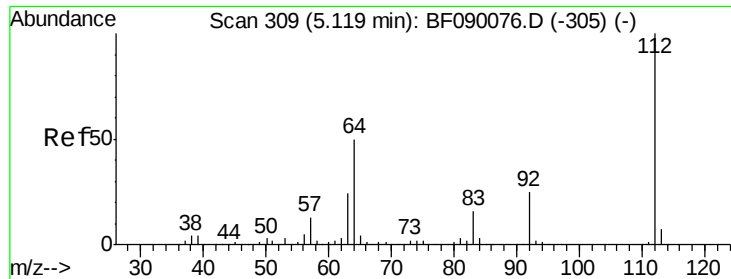
Delta R.T. 0.06 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	42	Resp:	138838
Ion	Ratio	Lower	Upper
42	100		
74	195.0	158.7	238.1
44	7.9	6.4	9.6





#5

2-Fluorophenol

Concen: 126.48 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

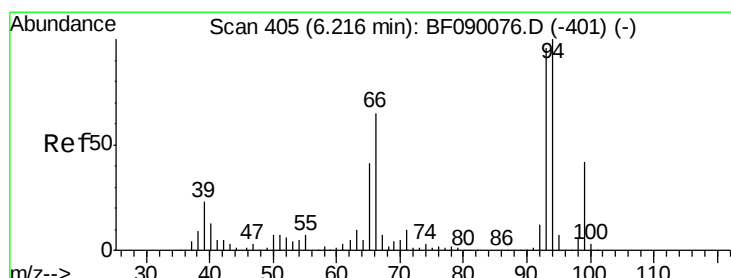
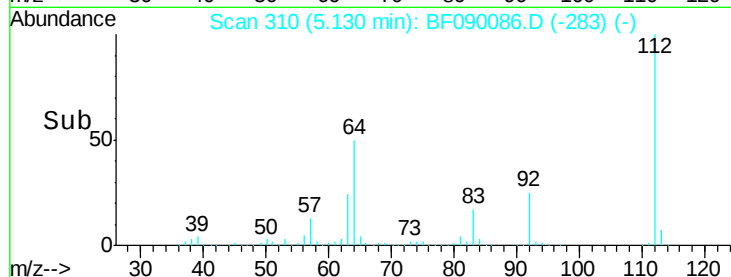
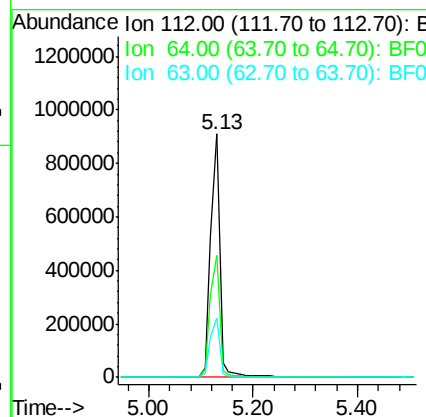
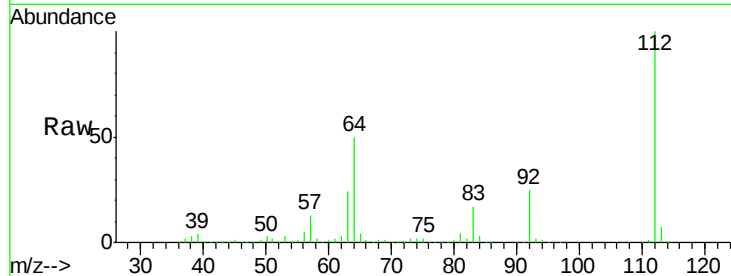
ClientSampleID :

PB93381BS

Tgt Ion:	112	Resp:	1118619
Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	24.2	18.9	28.3

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#6

Aniline

Concen: 20.96 ng

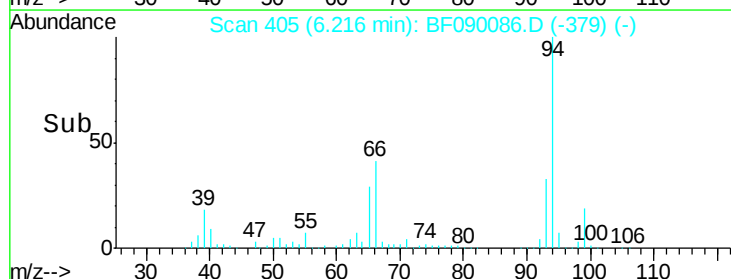
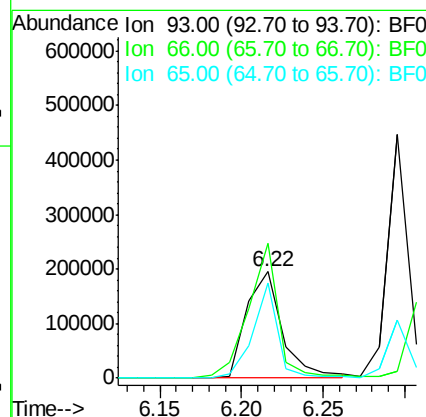
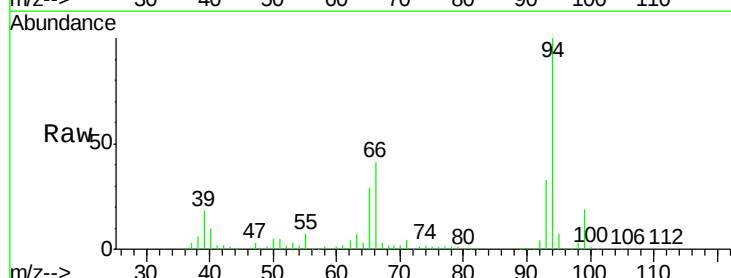
RT: 6.22 min Scan# 405

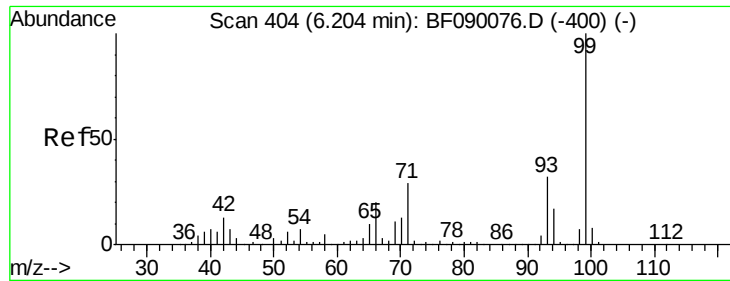
Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	93	Resp:	301183
Ion	Ratio	Lower	Upper
93	100		
66	127.2	54.2	81.2#
65	89.5	33.8	50.6#





#7

Phenol-d6

Concen: 114.38 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tgt Ion: 99 Resp: 1324407

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

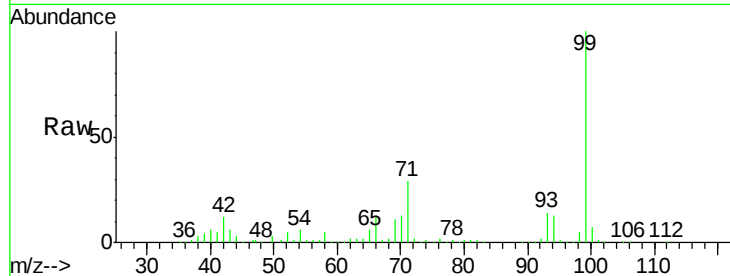
71 28.7 23.0 34.6

Manual Integrations

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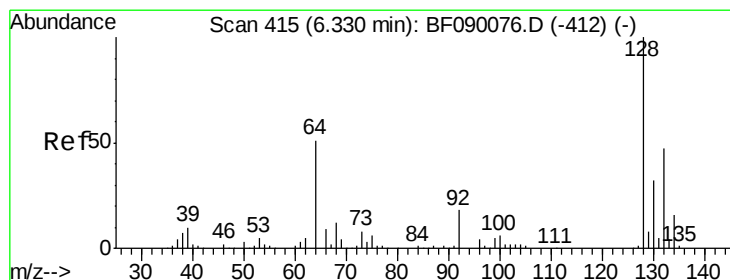
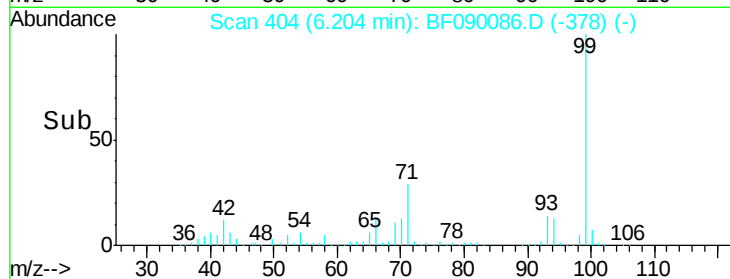
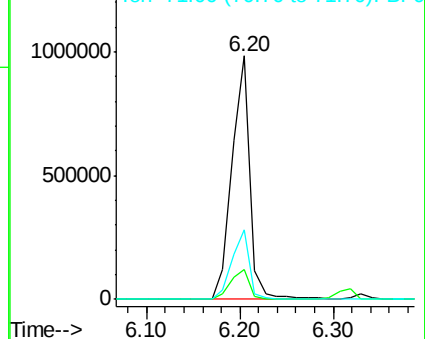
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.30 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

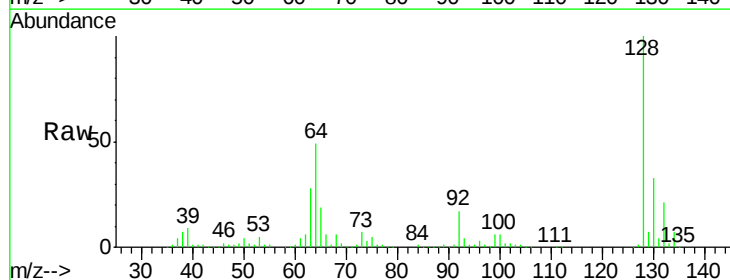
Tgt Ion: 128 Resp: 400428

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

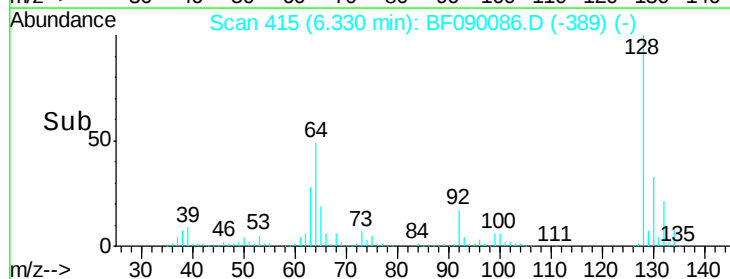
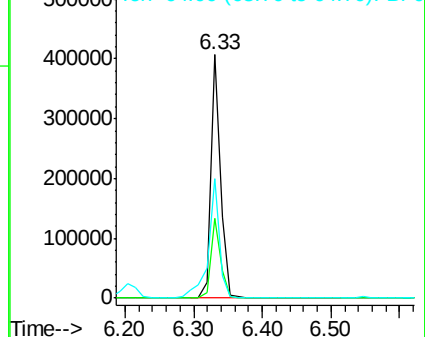
64 48.9 33.6 73.6

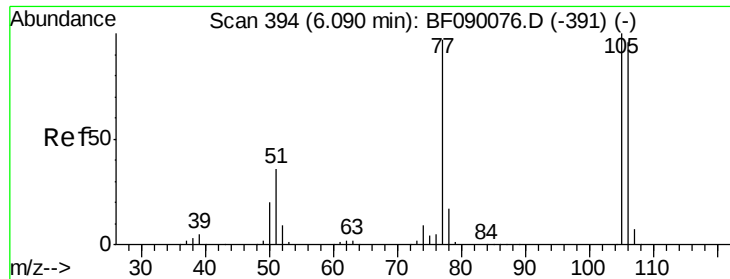


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





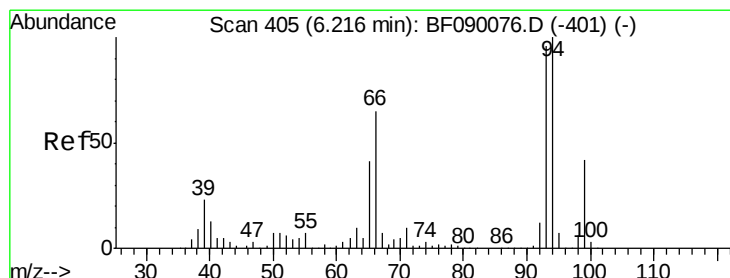
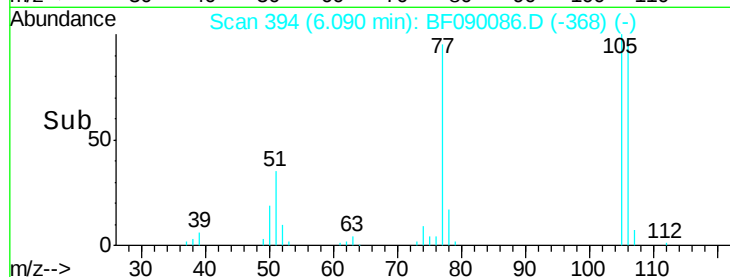
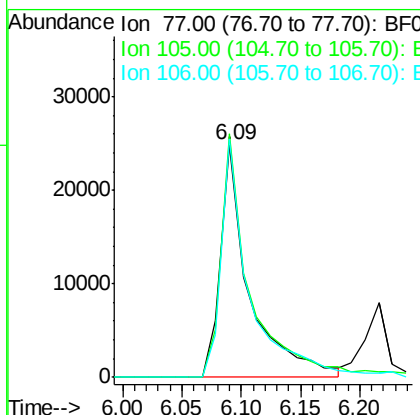
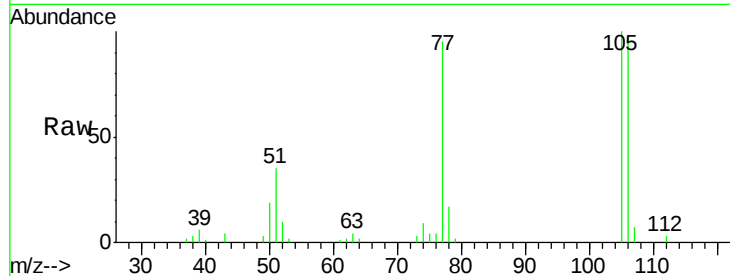
#9
Benzaldehyde
Concen: 6.79 ng
RT: 6.09 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF090086.D
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BNA_F
ClientSampleId :
PB93381BS

Tgt Ion: 77 Resp: 41932
Ion Ratio Lower Upper
77 100
105 104.8 83.0 123.0
106 102.7 78.5 118.5

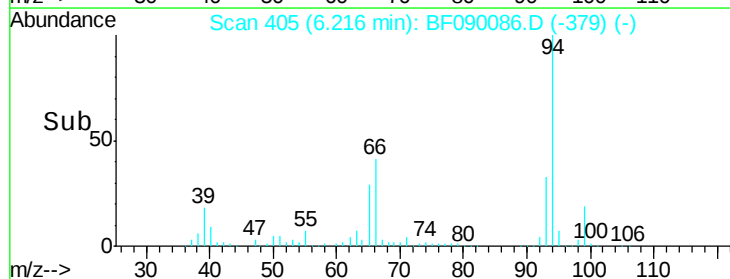
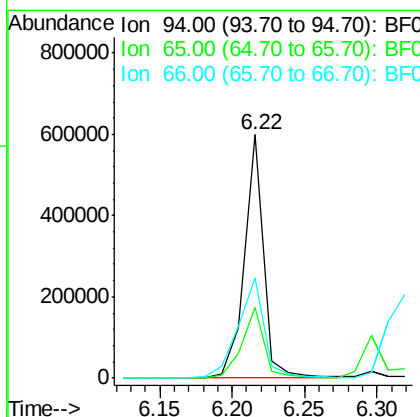
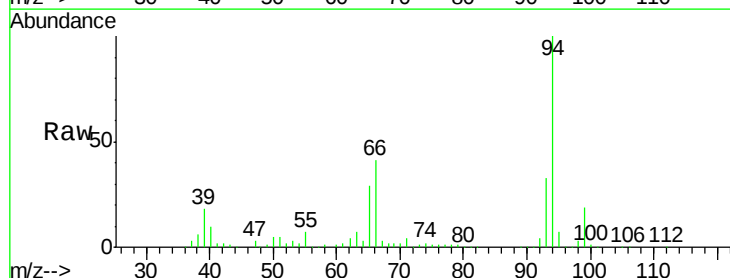
Manual Integrations
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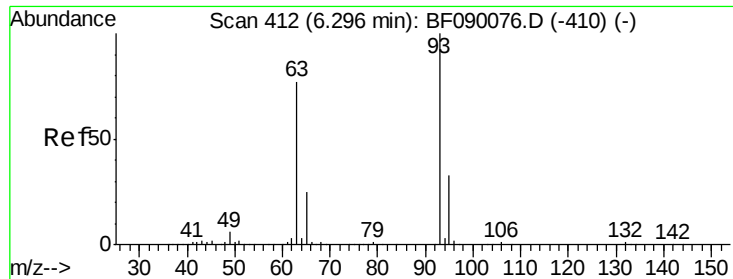
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#10
Phenol
Concen: 42.39 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion: 94 Resp: 550916
Ion Ratio Lower Upper
94 100
65 29.1 20.6 60.6
66 41.4 45.1 85.1#





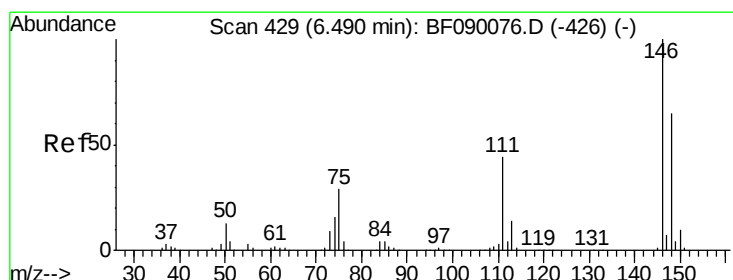
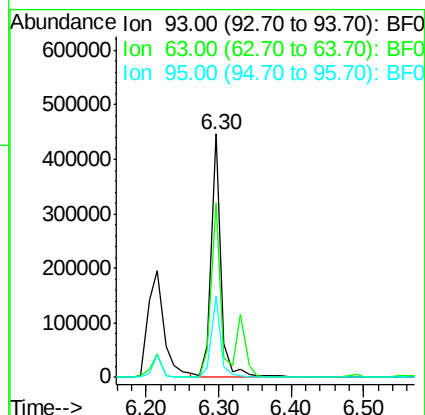
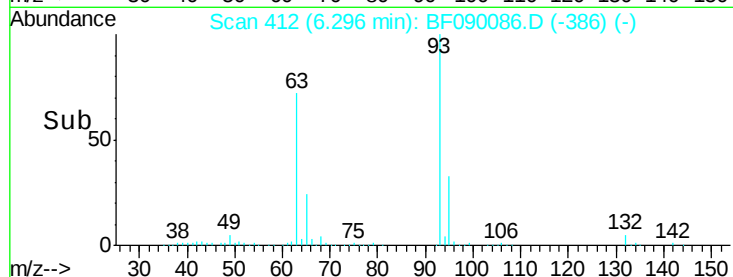
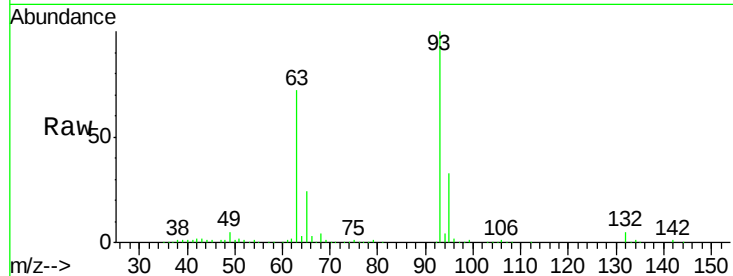
#11
bis(2-Chloroethyl)ether
Concen: 39.97 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	71.7	55.6	95.6
95	33.1	12.6	52.6

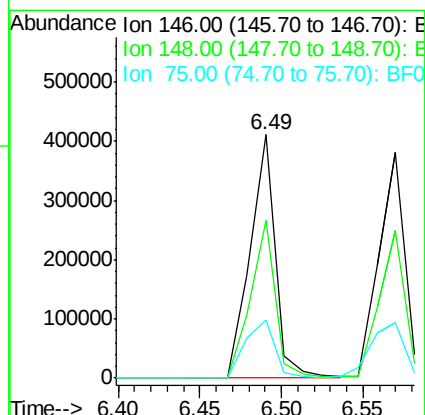
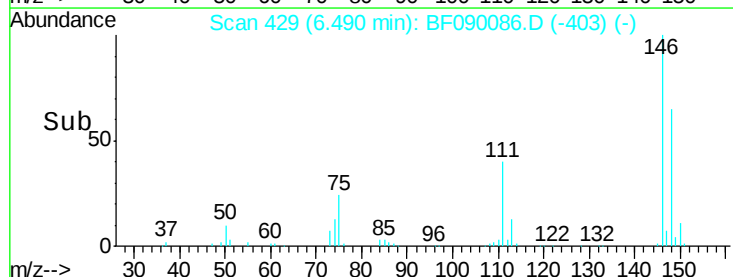
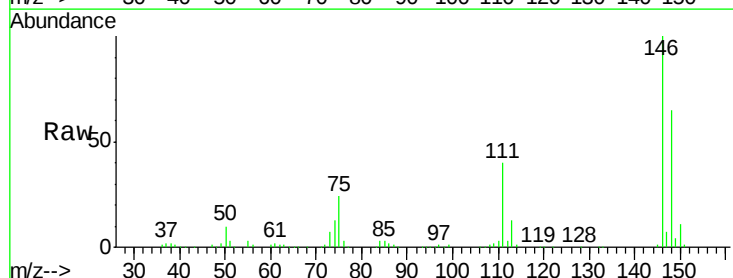
Manual Integrations
APPROVED

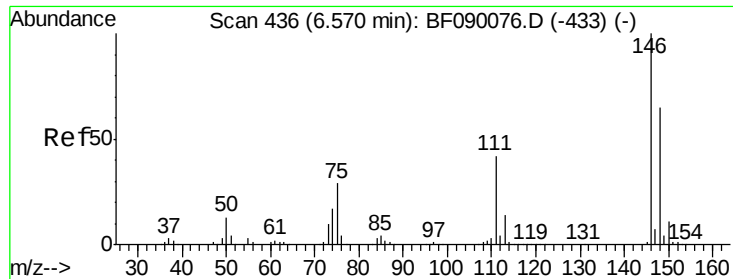
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#12
1,3-Dichlorobenzene
Concen: 41.94 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.7	51.9	77.9
75	23.9	22.8	34.2





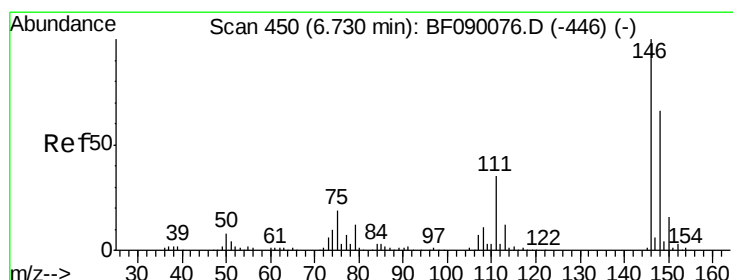
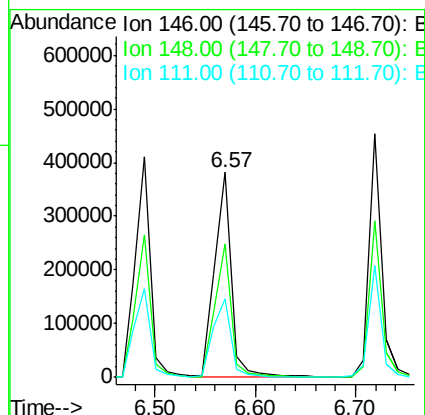
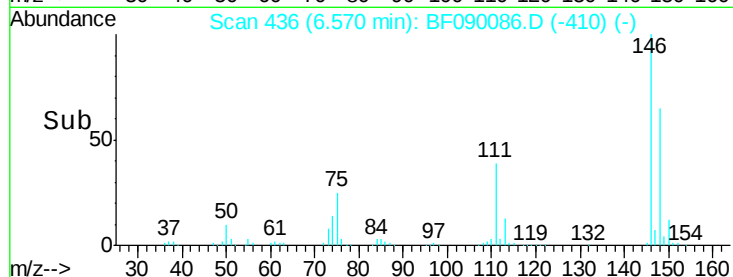
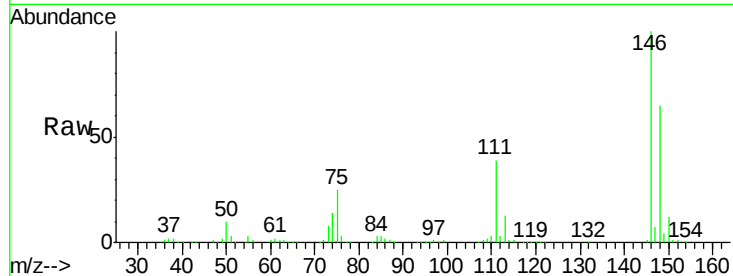
#13
 1,4-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleID :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	443978		
148	65.5	52.0	78.0	
111	38.6	33.8	50.6	

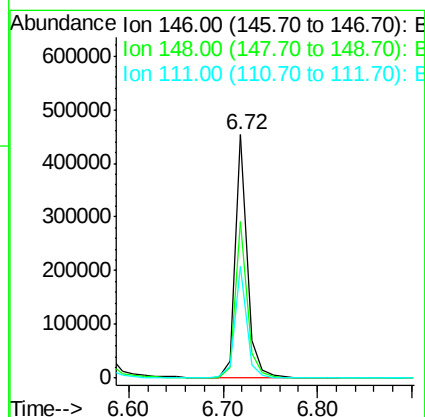
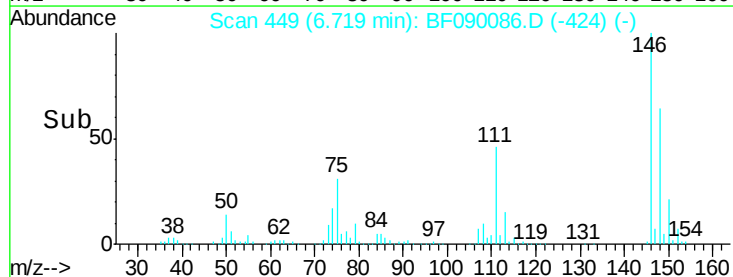
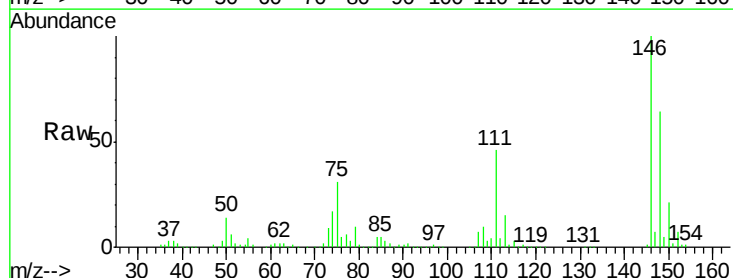
Manual Integrations
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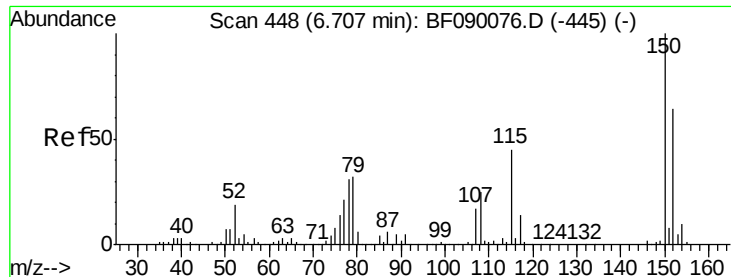
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#14
 1,2-Dichlorobenzene
 Concen: 41.02 ng m
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	403302		
148	64.3	52.6	79.0	
111	45.7	28.2	42.2	





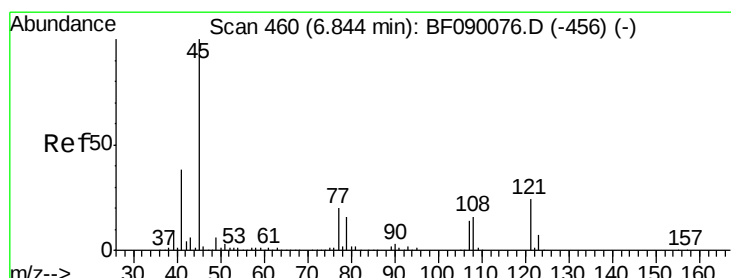
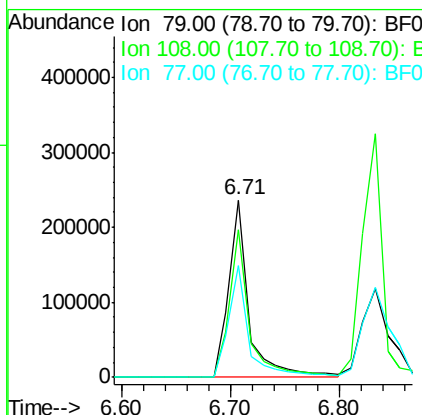
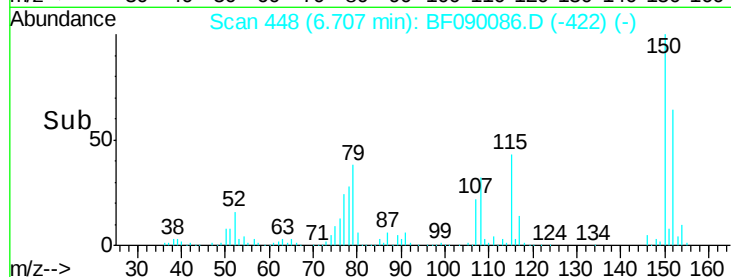
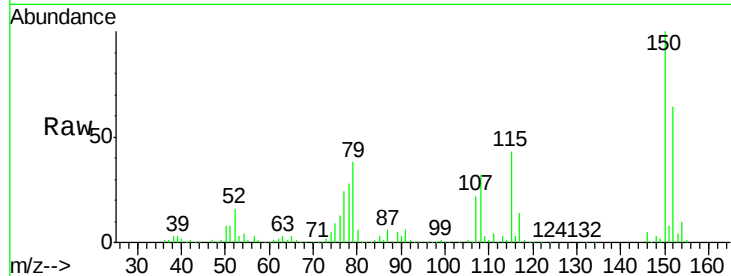
#15
Benzyl Alcohol
Concen: 46.83 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampled :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	305343		
108	83.5	62.2	93.4	
77	62.8	51.4	77.0	

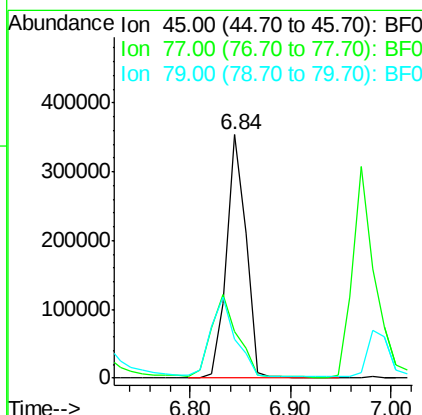
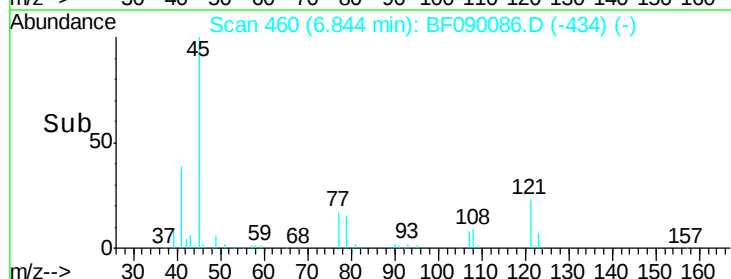
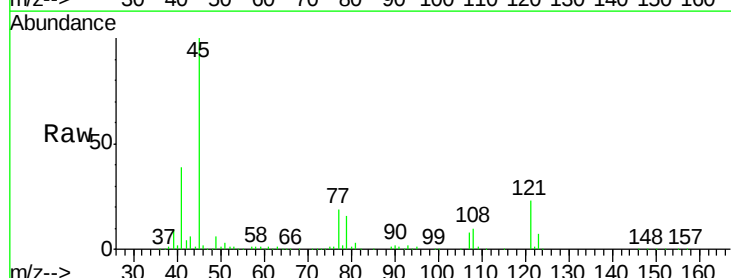
Manual Integrations
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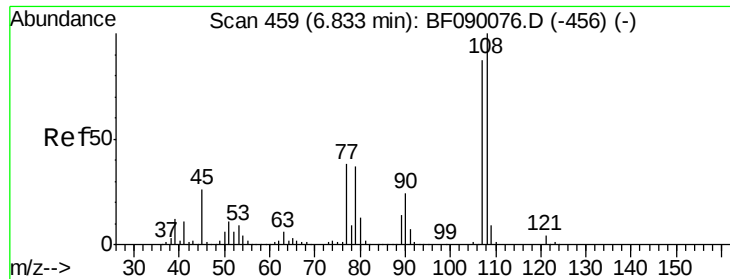
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.55 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	476128		
77	18.9	0.5	40.5	
79	15.7	0.0	37.0	





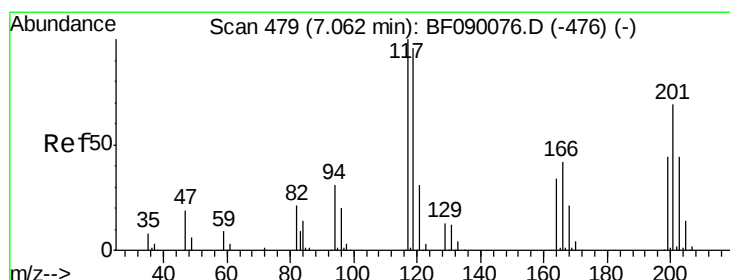
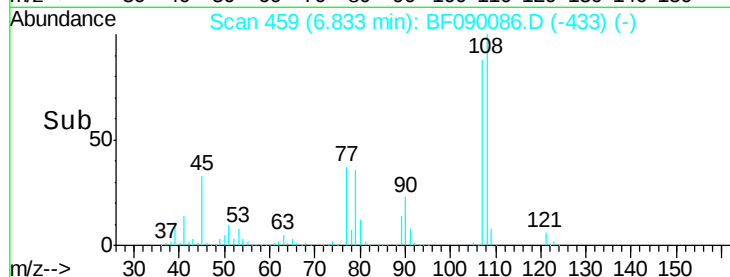
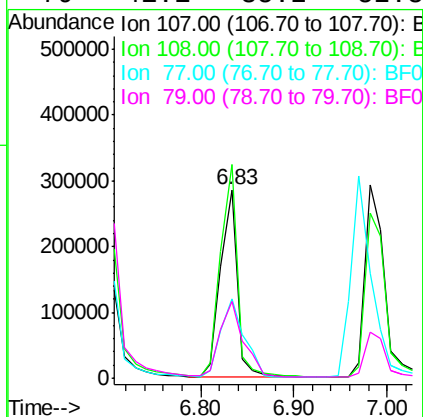
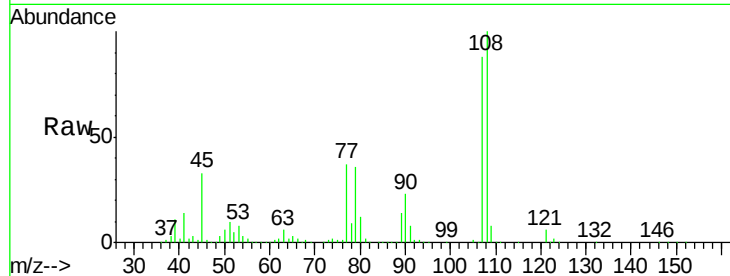
#17
2-Methylphenol
Concen: 43.31 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	92.0	138.0	
77	42.1	35.6	53.4	
79	41.1	35.2	52.8	

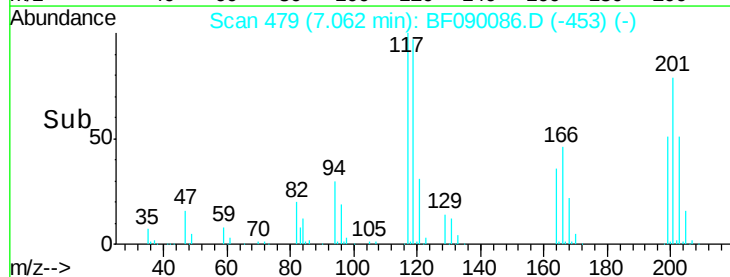
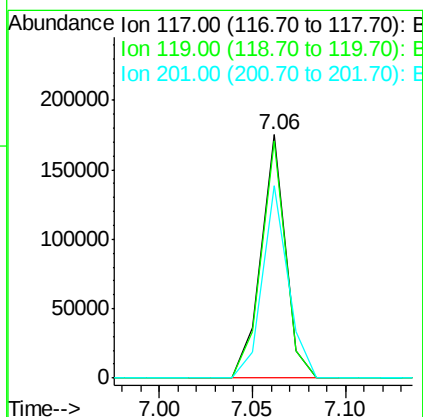
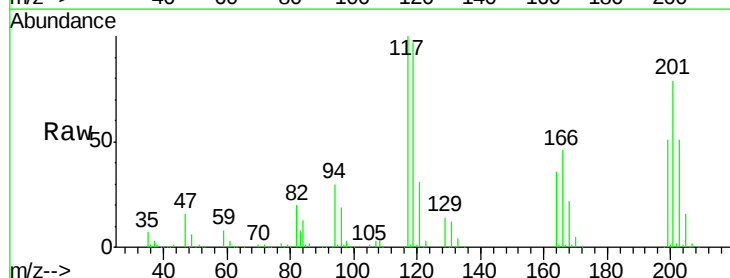
Manual Integrations
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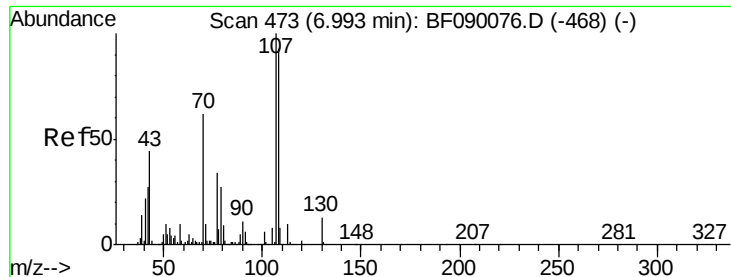
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#18
Hexachloroethane
Concen: 40.56 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.6	115.0	
201	79.0	55.5	83.3	





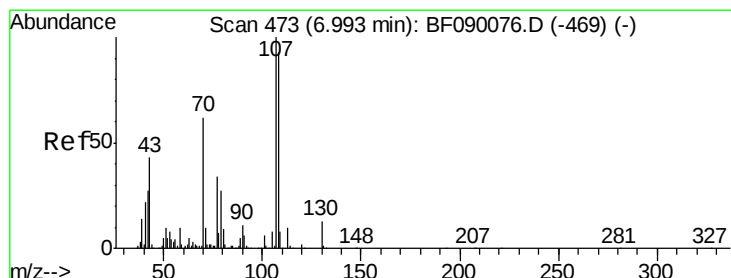
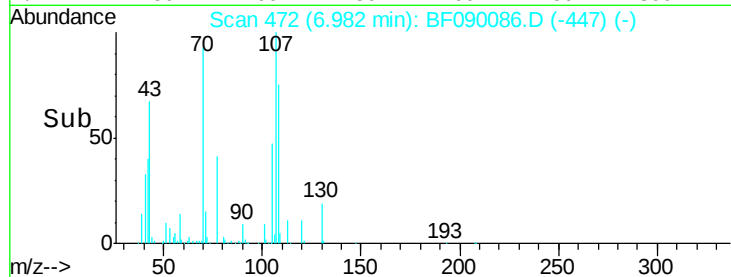
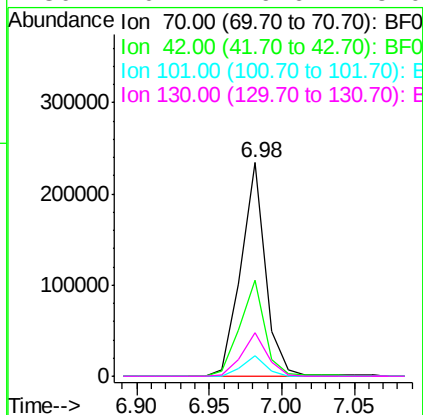
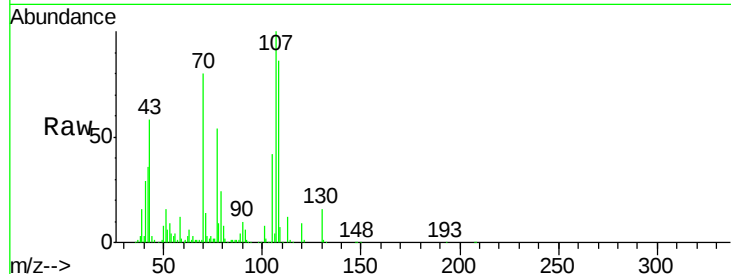
#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	276407		
42	45.1	35.1	52.7	
101	9.6	7.5	11.3	
130	20.2	16.6	25.0	

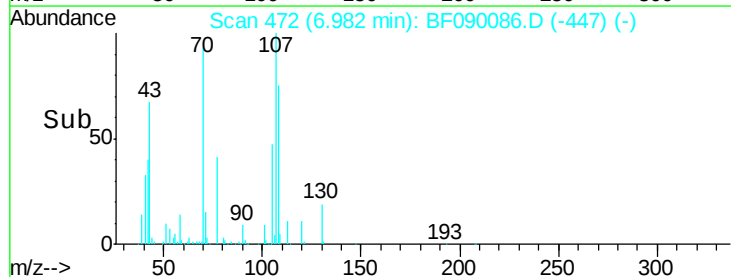
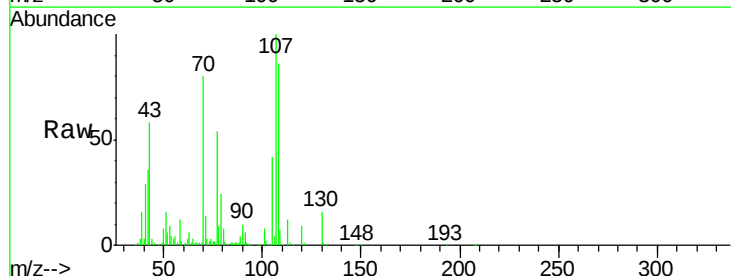
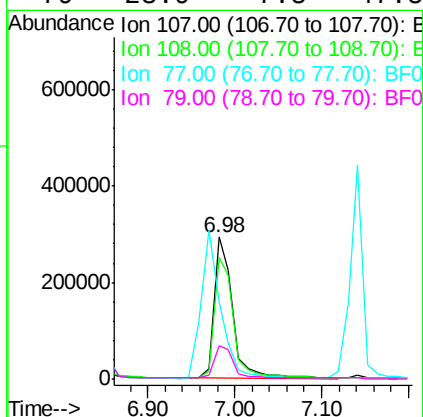
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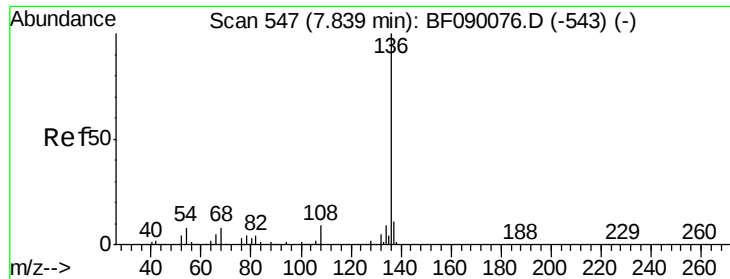
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#20
3+4-Methylphenols
Concen: 44.91 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	438067		
108	85.8	73.3	113.3	
77	54.4	14.1	54.1#	
79	23.9	7.5	47.5	





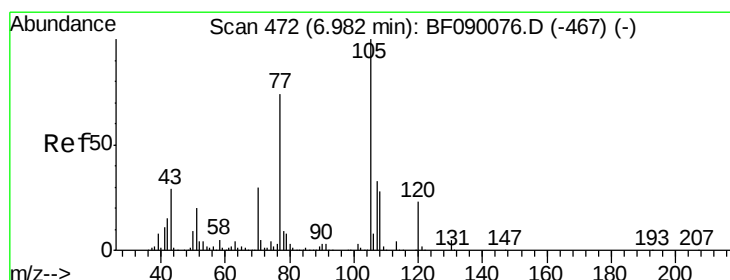
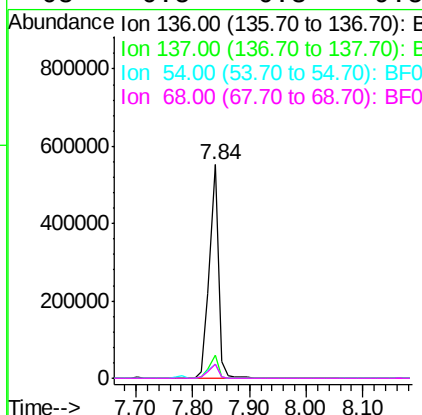
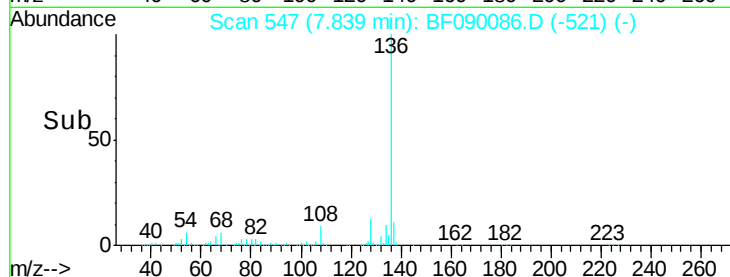
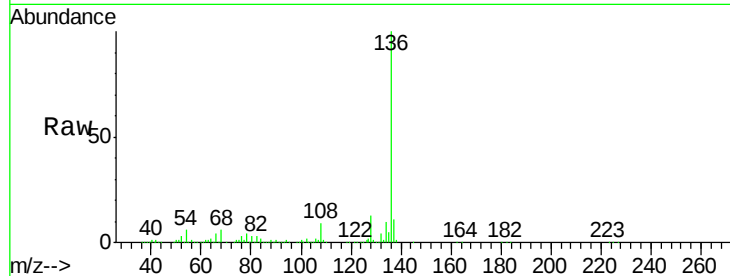
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	583740		
137	10.9	9.0	13.4	
54	6.4	6.4	9.6	
68	6.5	6.3	9.5	

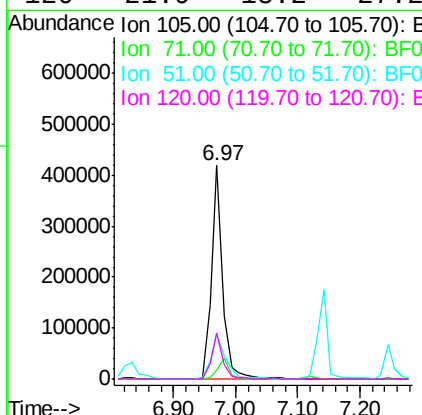
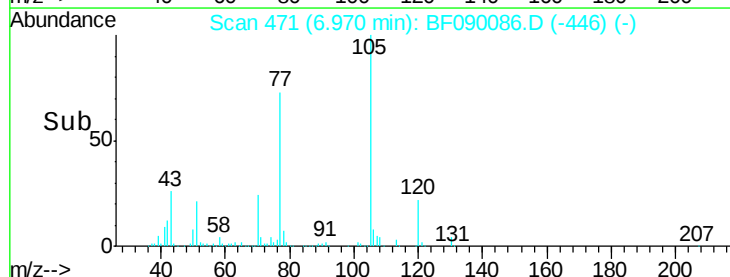
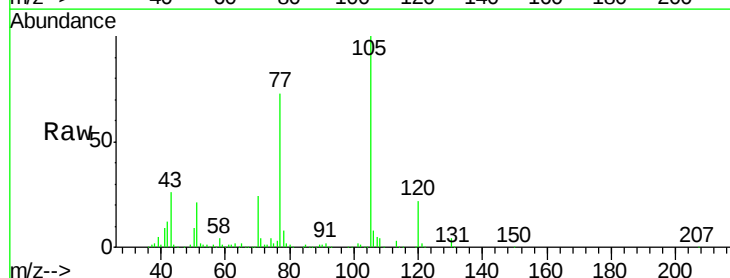
Manual Integrations
APPROVED

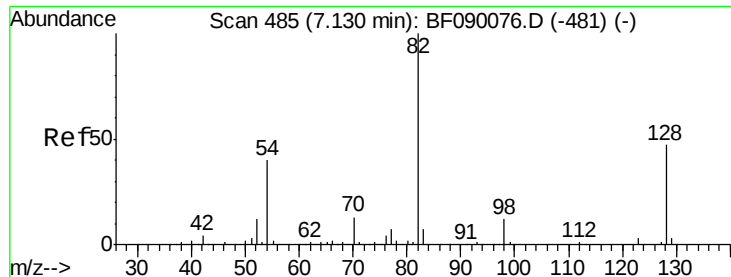
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#22
Acetophenone
Concen: 36.64 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	517786		
71	4.1	4.1	6.1	
51	20.7	16.2	24.2	
120	21.9	18.2	27.2	





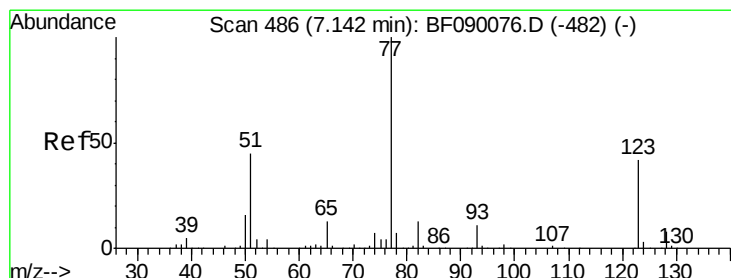
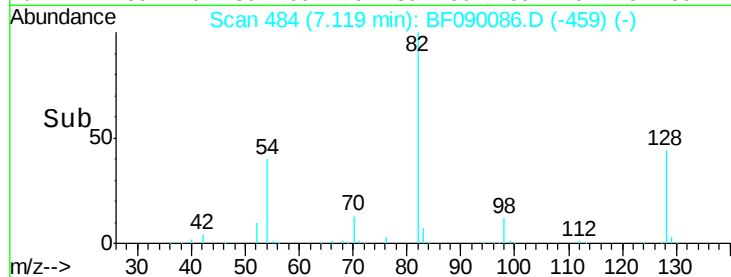
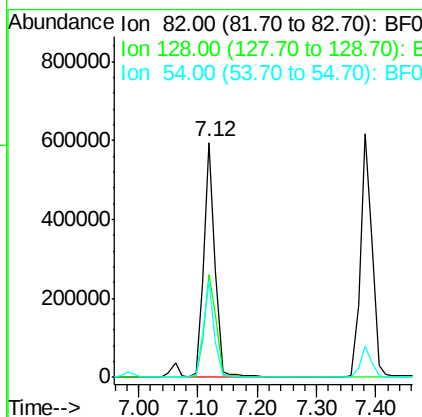
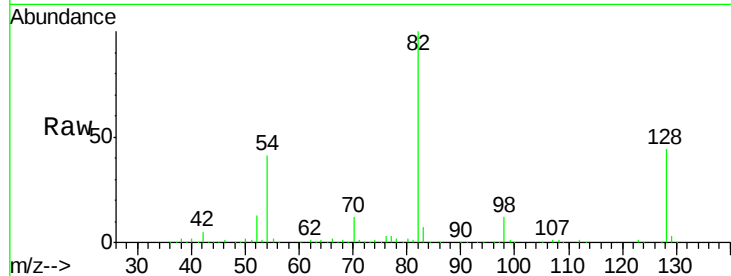
#23
 Nitrobenzene-d5
 Concen: 77.54 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	805070		
128	43.9	37.5	56.3	
54	41.2	31.9	47.9	

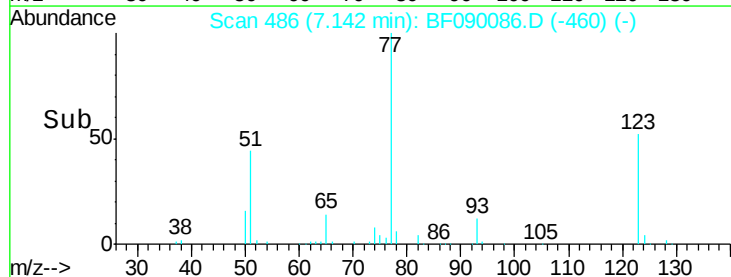
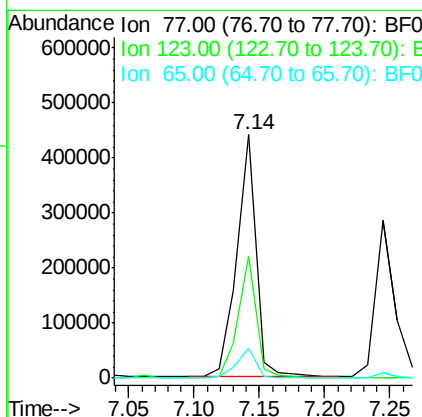
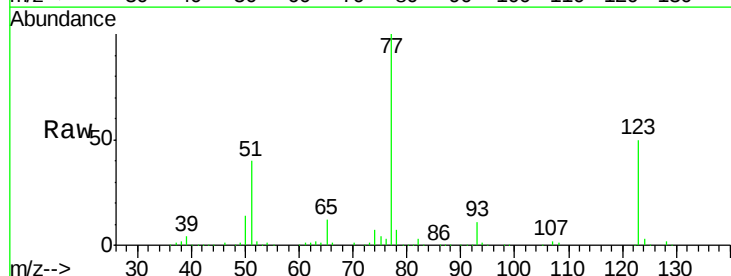
Manual Integrations
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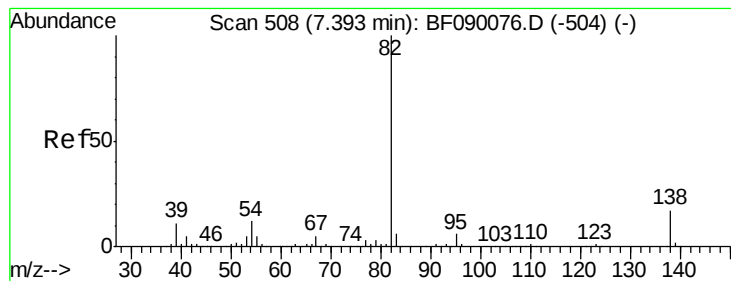
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#24
 Nitrobenzene
 Concen: 41.08 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	449217		
123	49.9	33.4	50.2	
65	12.1	10.1	15.1	





#25

Isophorone

Concen: 37.94 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

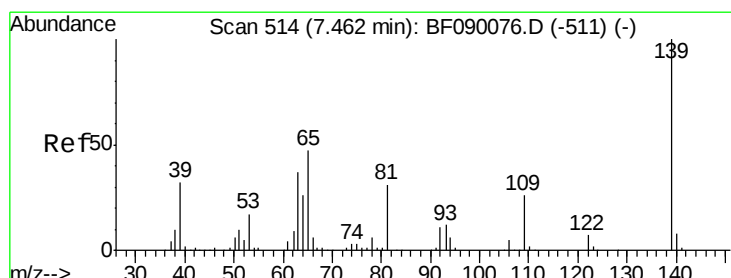
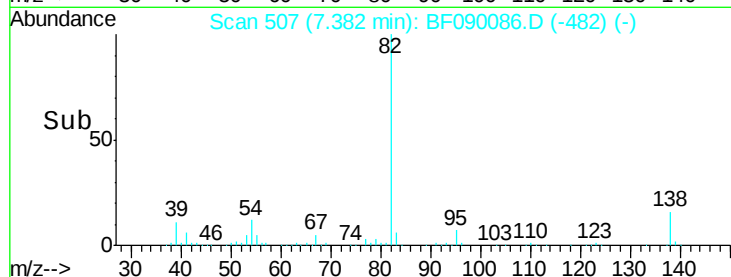
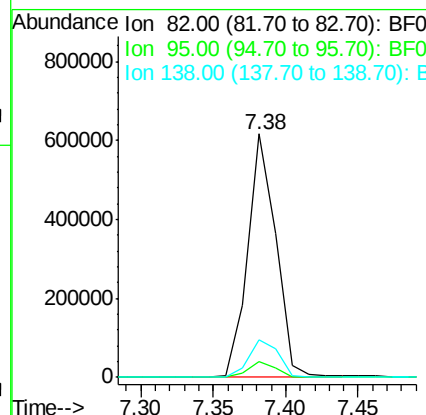
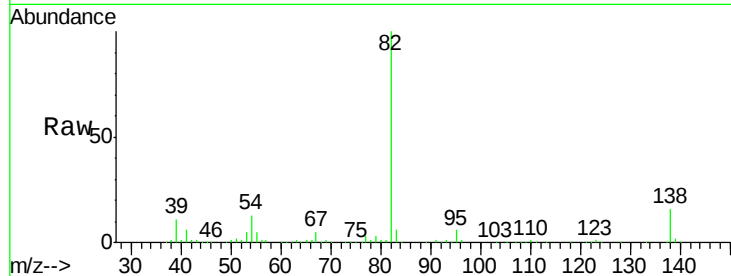
ClientSampleId :

PB93381BS

Tgt Ion:	82	Resp:	824877
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.1	7.7
138	15.6	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.62 ng

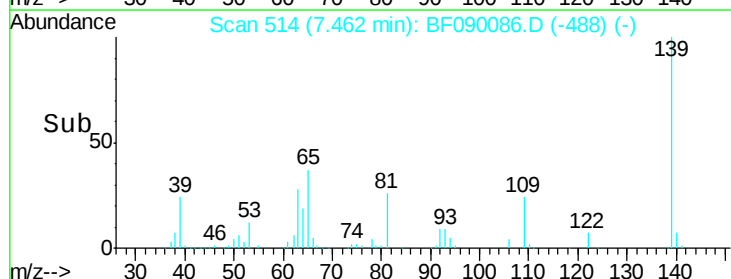
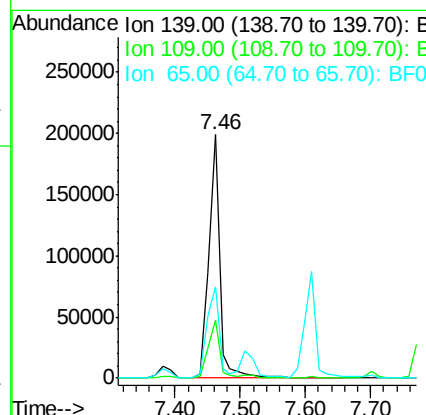
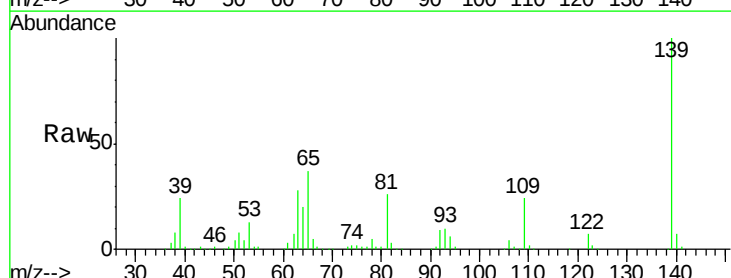
RT: 7.46 min Scan# 514

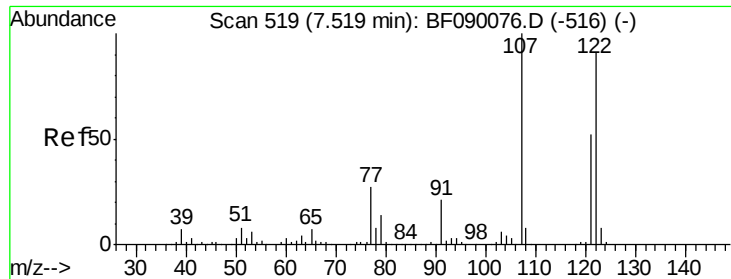
Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	139	Resp:	231283
Ion Ratio		Lower	Upper
139	100		
109	23.8	20.5	30.7
65	37.3	37.9	56.9#





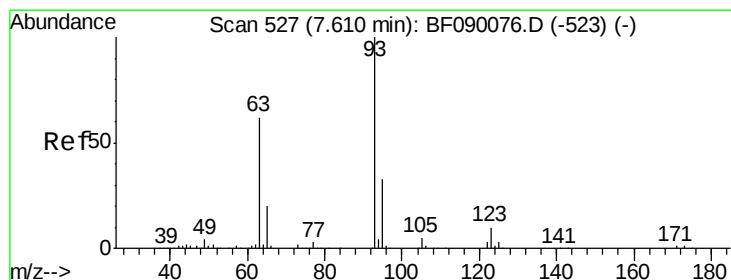
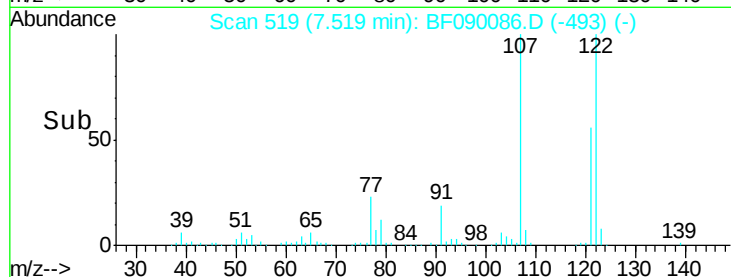
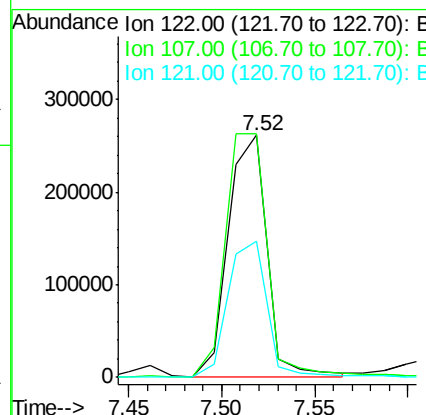
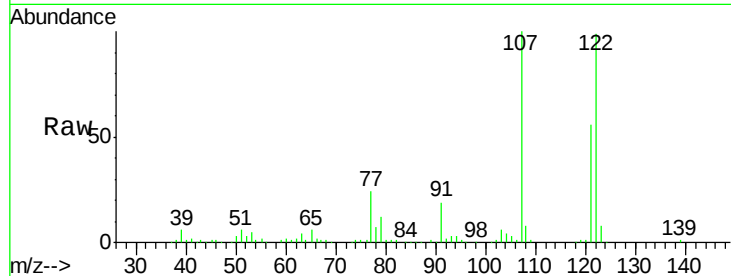
#27
2,4-Dimethylphenol
Concen: 40.65 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	379250		
107	100.5	87.8	131.6	
121	56.2	45.7	68.5	

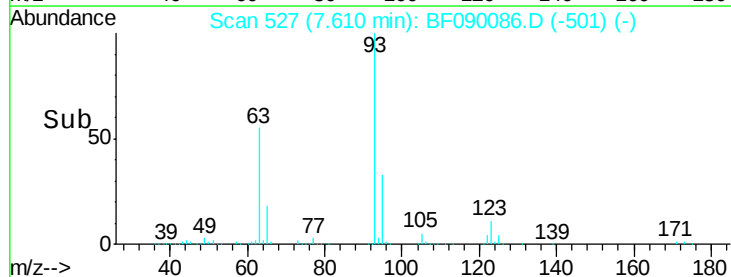
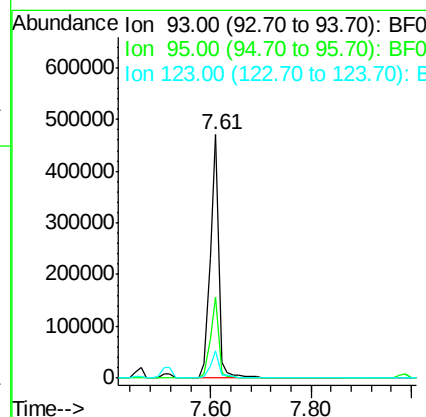
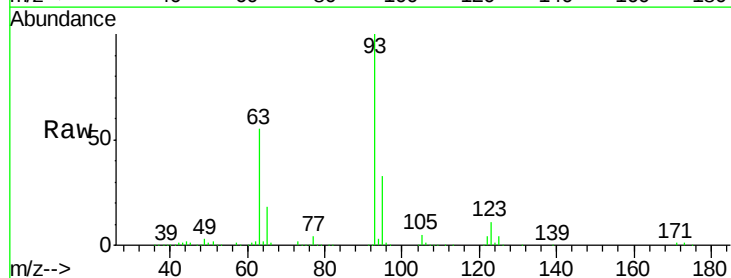
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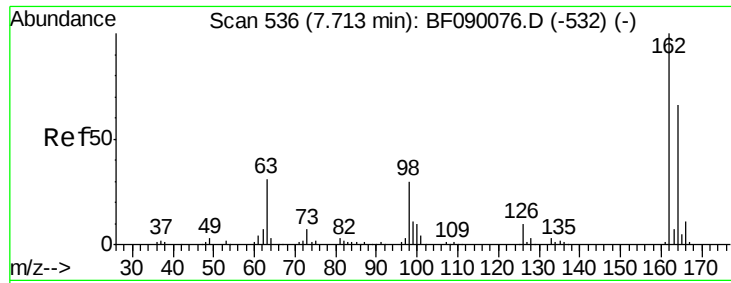
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#28
bis(2-Chloroethoxy)methane
Concen: 42.99 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	548172		
95	33.4	26.8	40.2	
123	11.4	8.5	12.7	





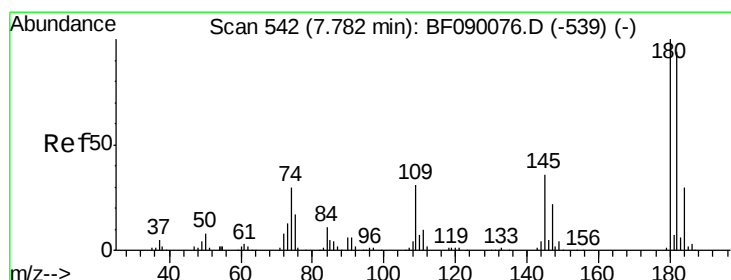
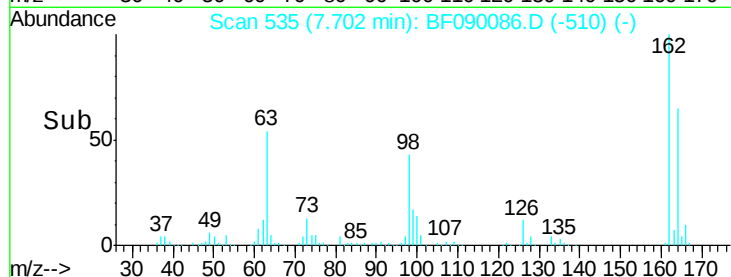
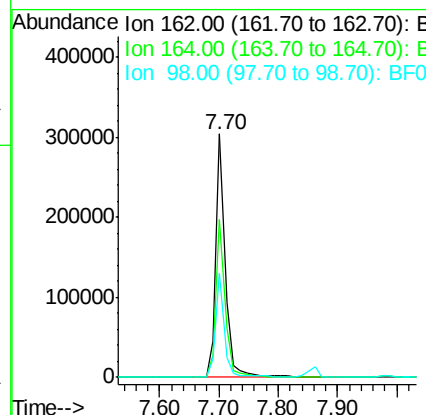
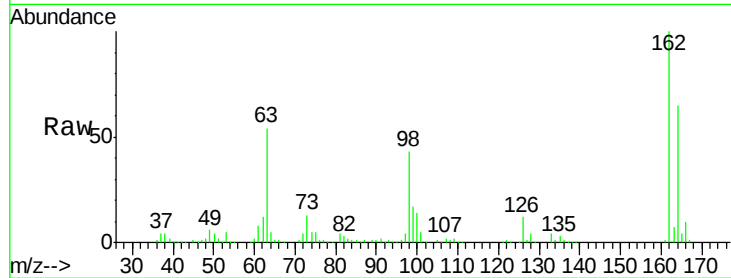
#29
 2,4-Dichlorophenol
 Concen: 40.79 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	336172		
164	64.8	46.2	86.2	
98	42.8	10.4	50.4	

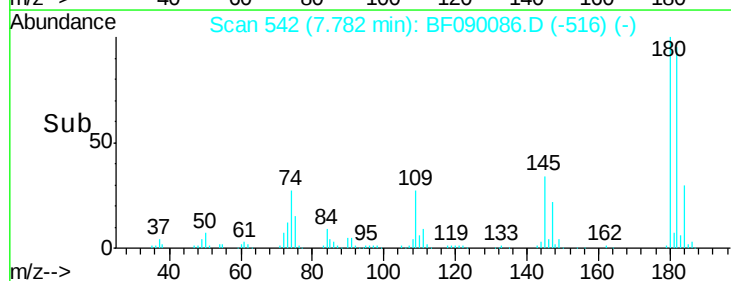
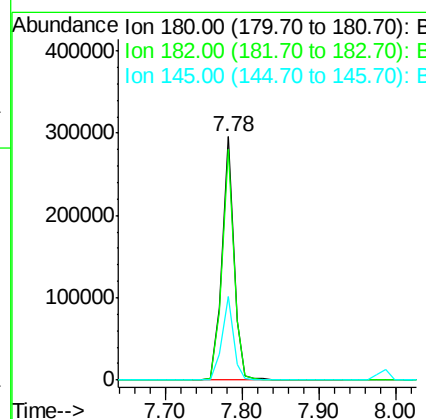
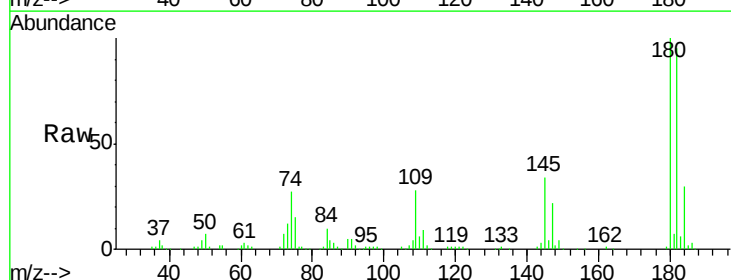
Manual Integrations
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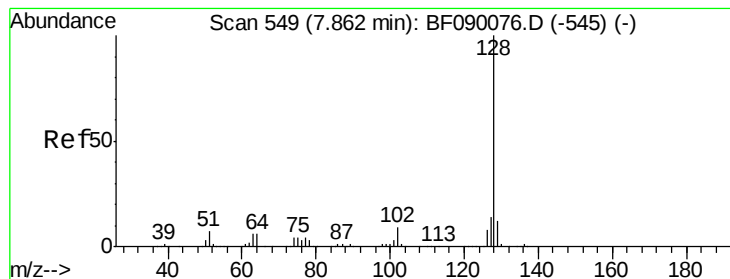
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.66 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322421		
182	95.0	75.0	112.6	
145	34.2	28.6	42.8	





#31

Naphthalene

Concen: 44.09 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

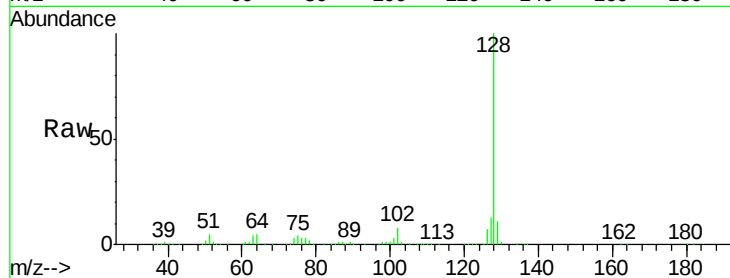
ClientSampled :

PB93381BS

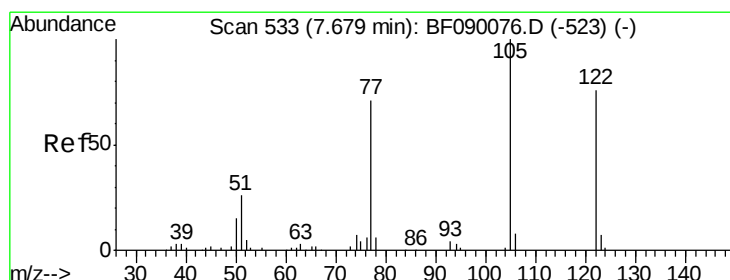
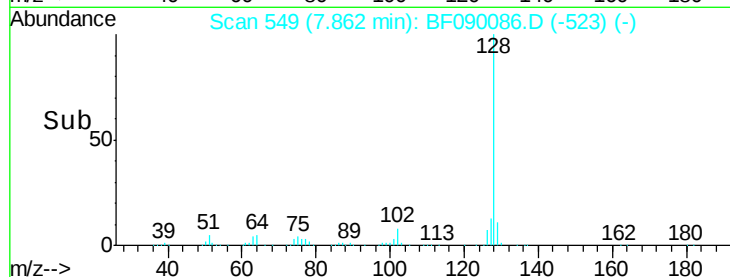
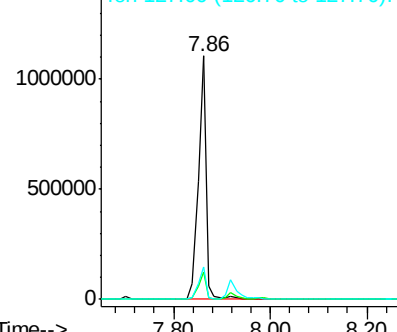
Tgt Ion:	128	Resp:	1265066
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.3	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.78 ng

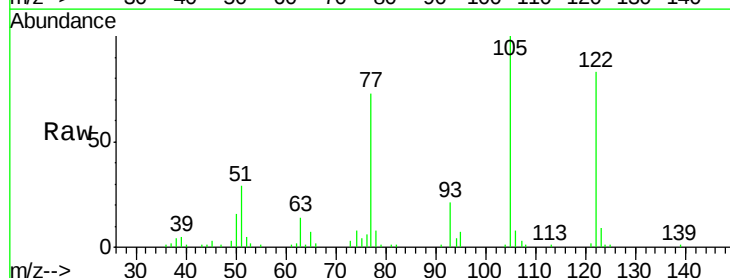
RT: 7.63 min Scan# 529

Delta R.T. -0.04 min

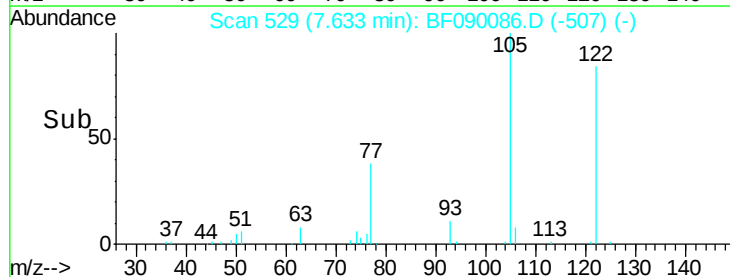
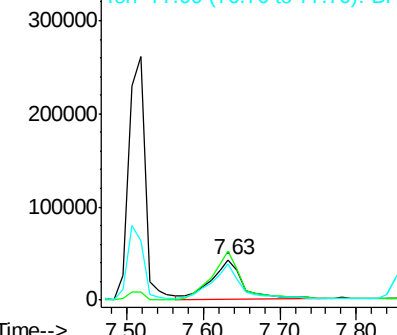
Lab File: BF090086.D

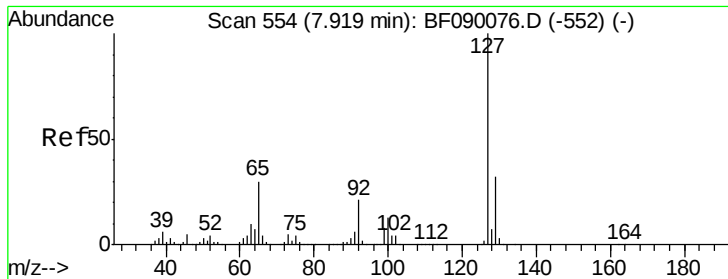
Acq: 15 Sep 2016 12:25

Tgt Ion:	122	Resp:	119974
Ion	Ratio	Lower	Upper
122	100		
105	120.6	105.0	145.0
77	88.3	70.4	110.4



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





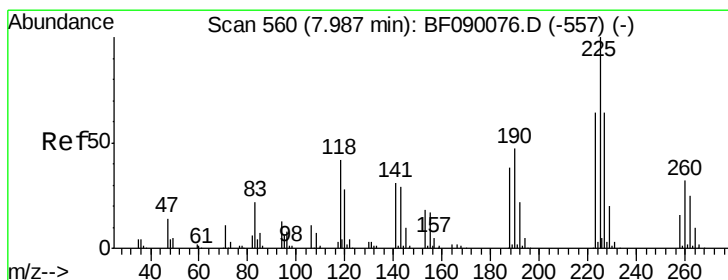
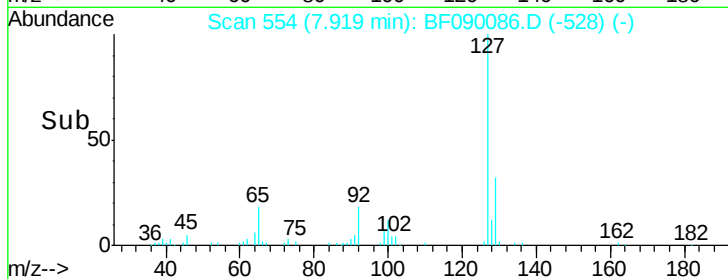
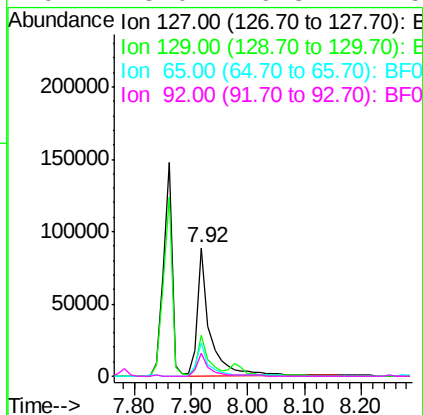
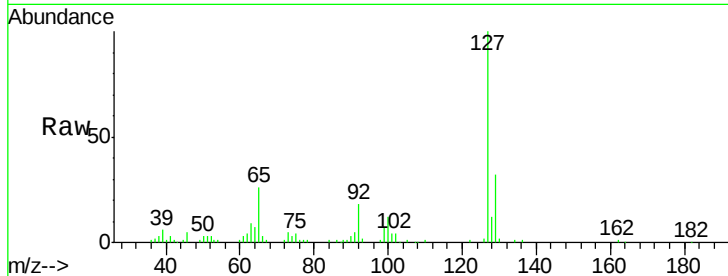
#33
4-Chloroaniline
Concen: 11.01 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	134444		
129	32.0	25.8	38.6	
65	25.6	24.1	36.1	
92	18.0	16.3	24.5	

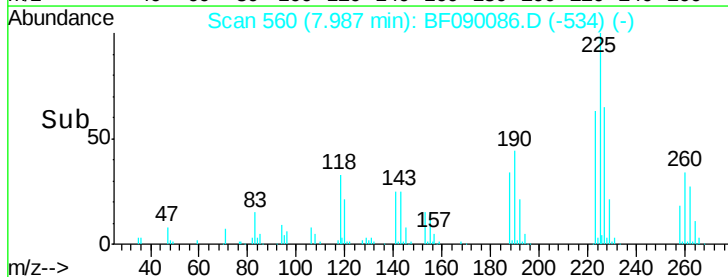
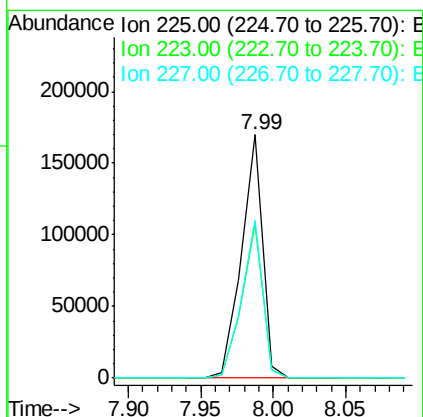
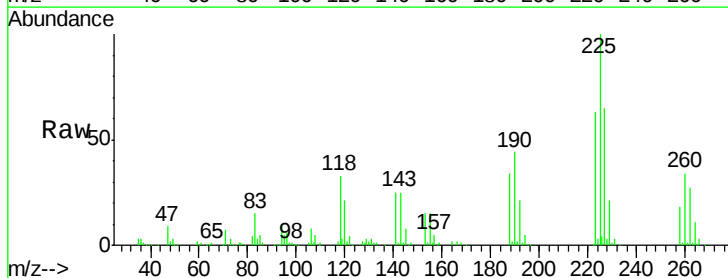
Manual Integrations
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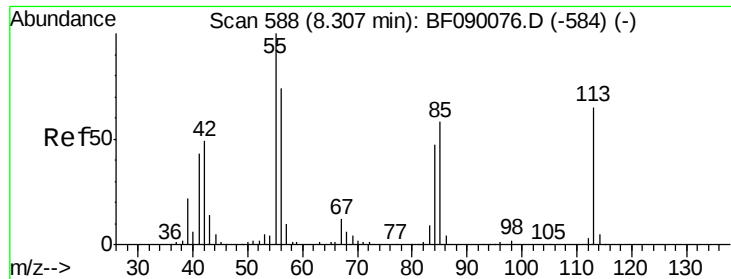
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#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172053		
223	63.0	51.3	76.9	
227	64.7	51.4	77.0	





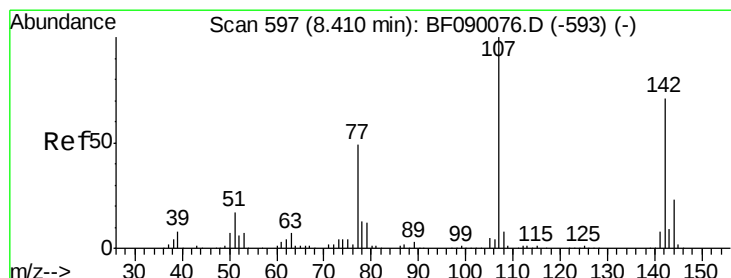
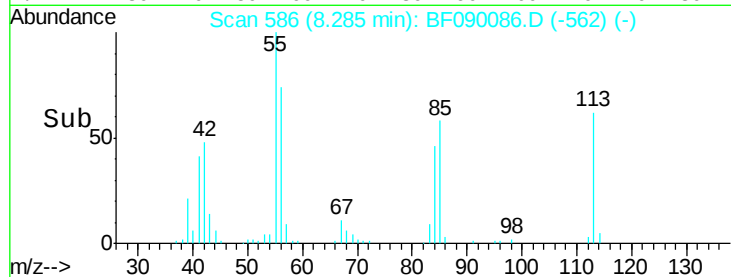
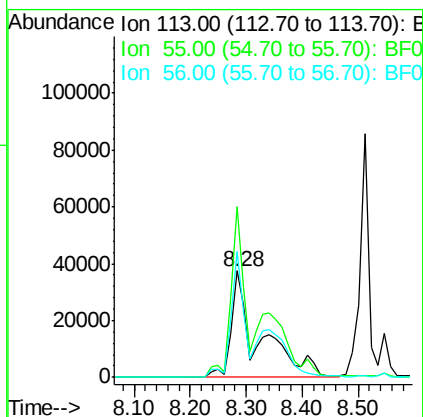
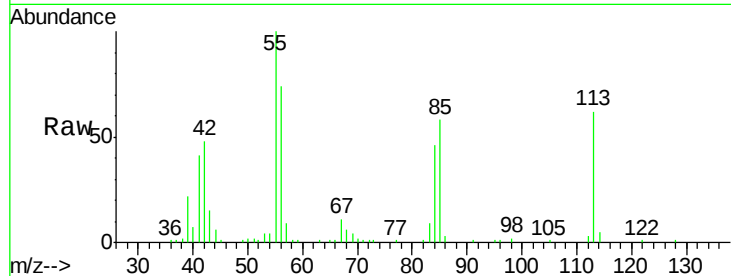
#35
 Caprolactam
 Concen: 46.37 ng m
 RT: 8.28 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleID :
 PB93381BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	161.3	134.5	174.5
56	119.1	93.7	133.7

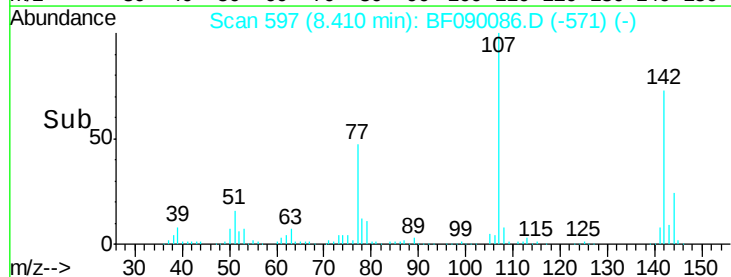
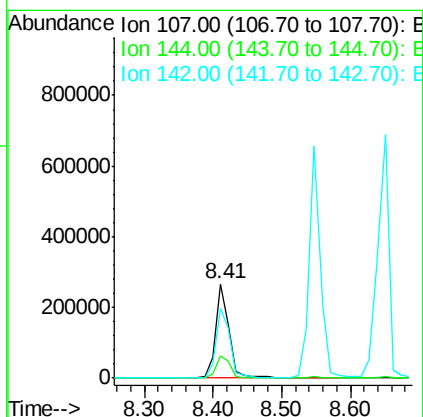
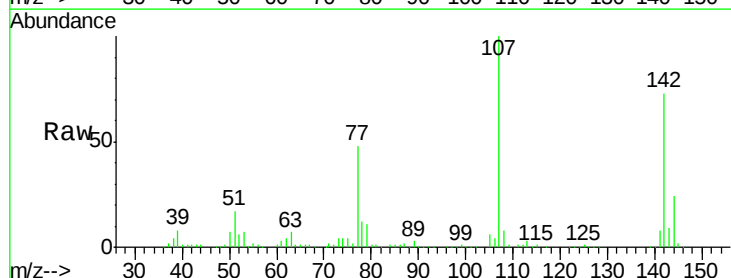
Manual Integrations
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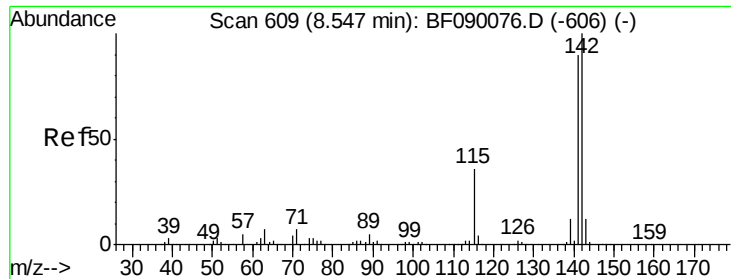
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#36
 4-Chloro-3-methylphenol
 Concen: 38.70 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	73.4	57.0	85.6





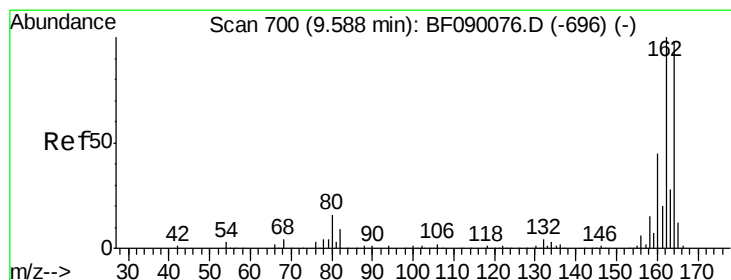
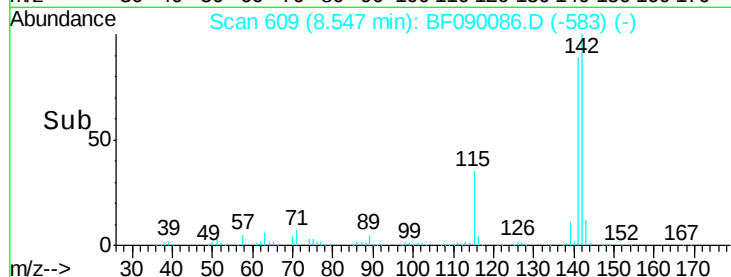
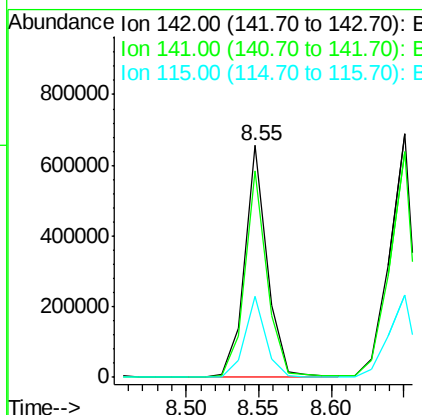
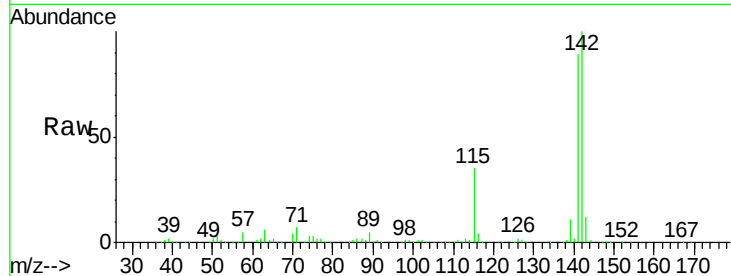
#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	707105		
141	88.9	71.4	107.2	
115	35.3	28.3	42.5	

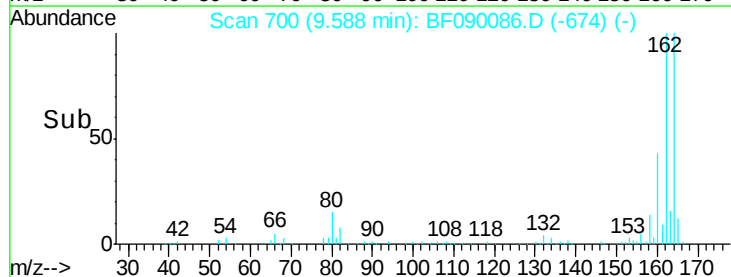
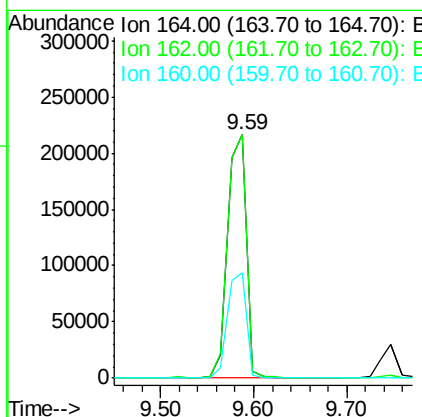
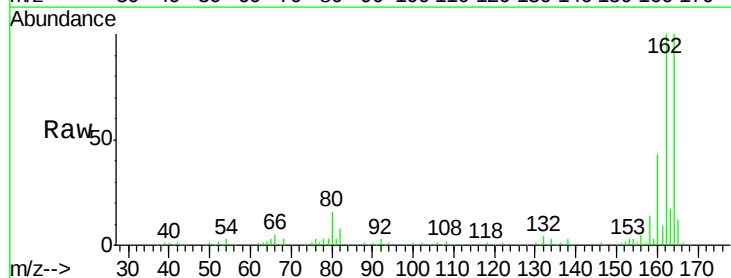
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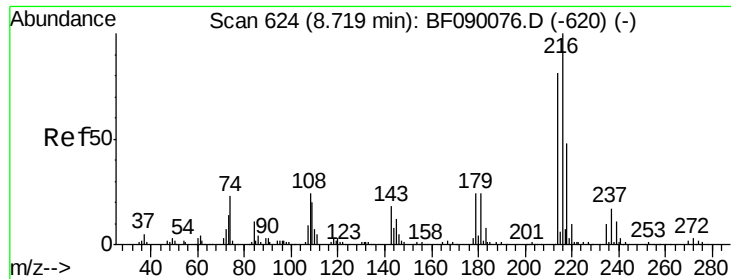
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	306273		
162	99.9	81.4	122.2	
160	43.5	36.6	54.8	





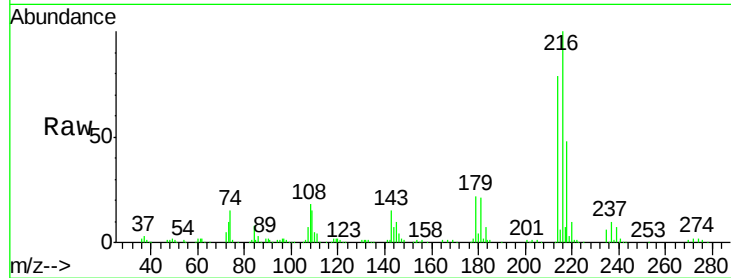
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.94 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

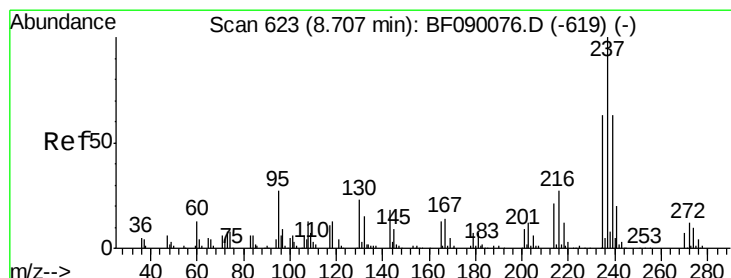
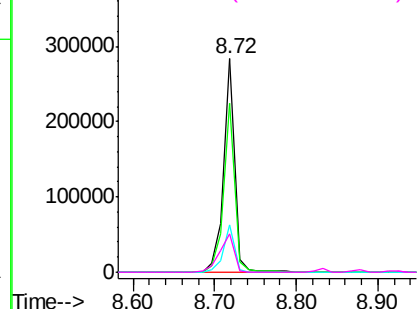
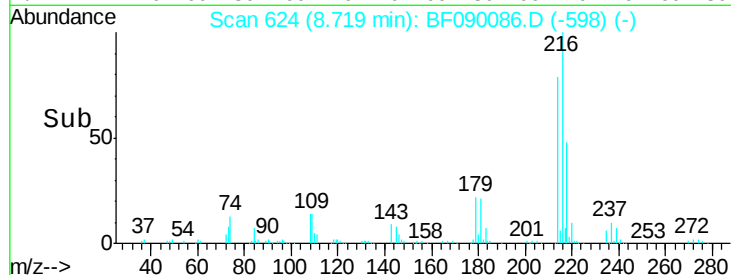
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	267267		
214	78.6	63.7	95.5	
179	22.1	18.5	27.7	
108	24.0	19.5	29.3	

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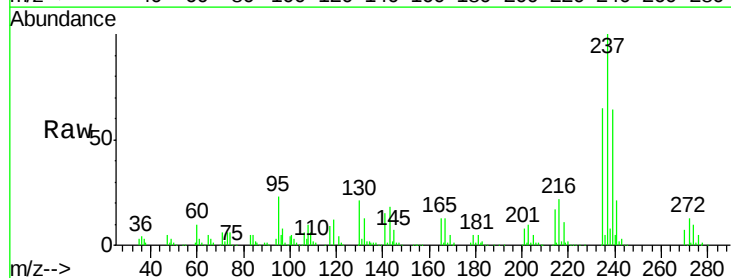


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

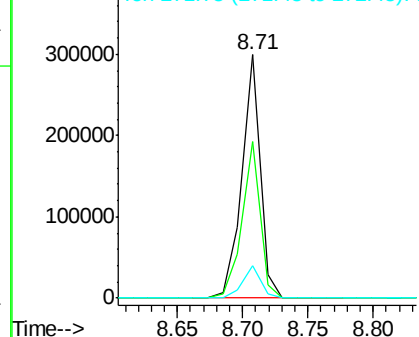
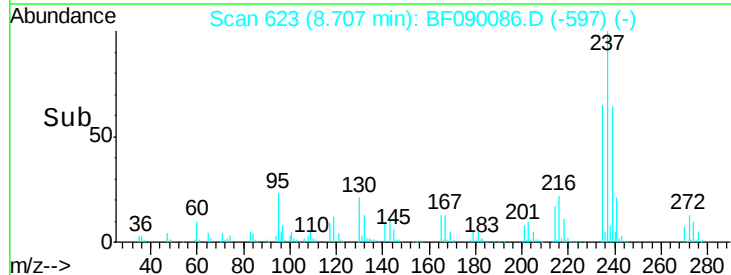


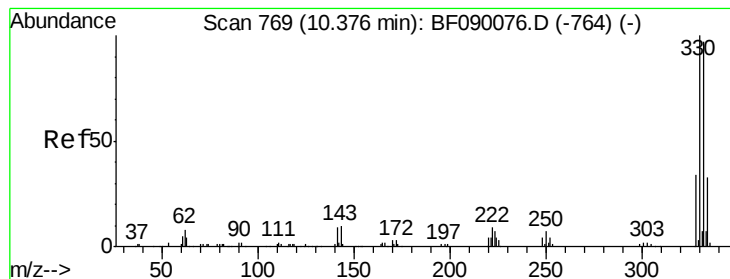
#40
 Hexachlorocyclopentadiene
 Concen: 71.00 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	290589		
235	64.5	42.5	82.5	
272	13.2	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





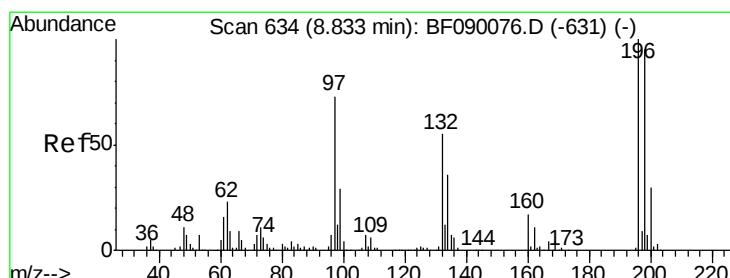
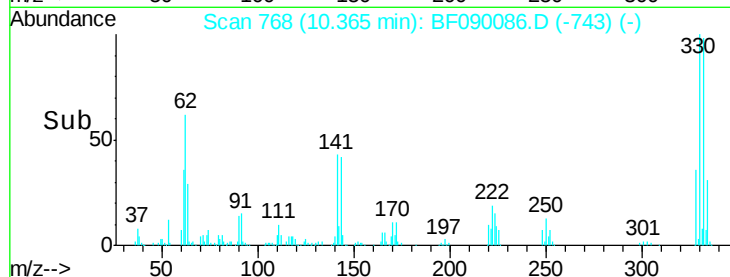
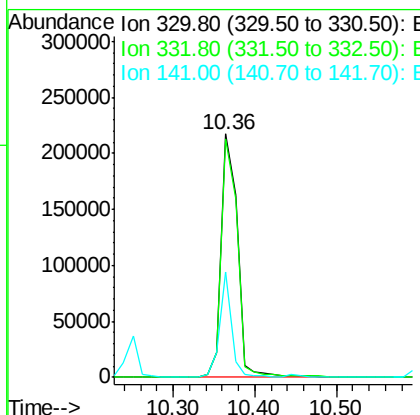
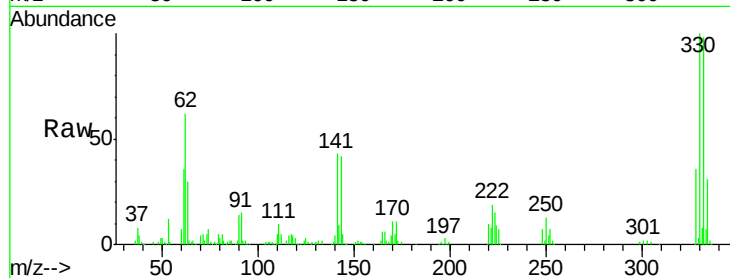
#41
 2,4,6-Tribromophenol
 Concen: 97.03 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampled :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	298513		
332	98.6	78.1	117.1	
141	32.1	23.9	35.9	

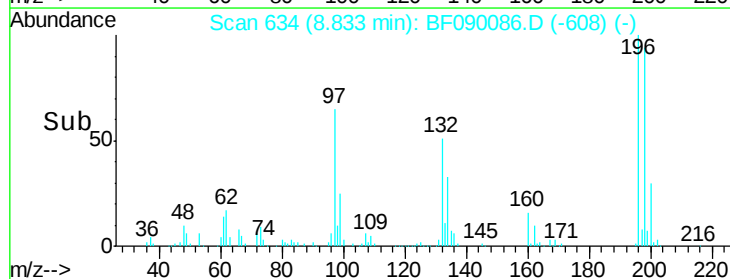
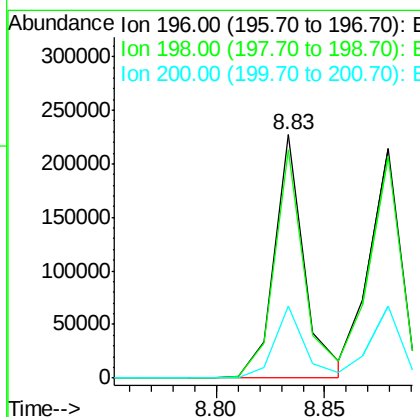
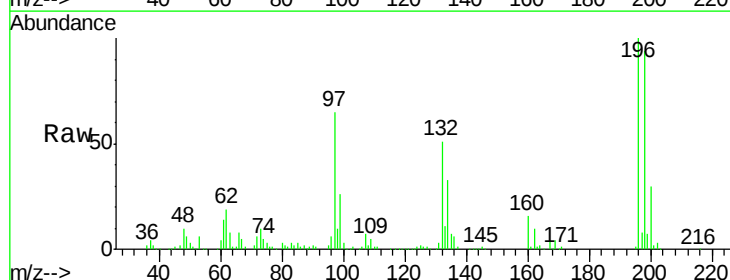
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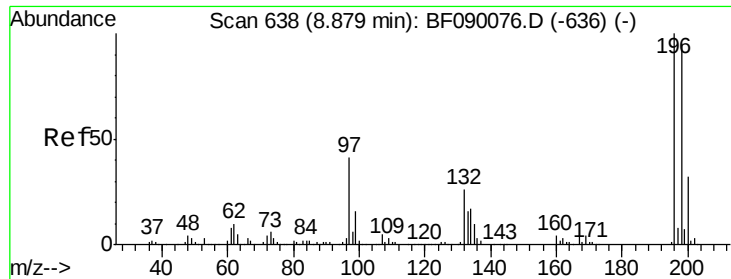
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#42
 2,4,6-Trichlorophenol
 Concen: 38.57 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220179		
198	93.8	76.3	114.5	
200	29.7	24.1	36.1	





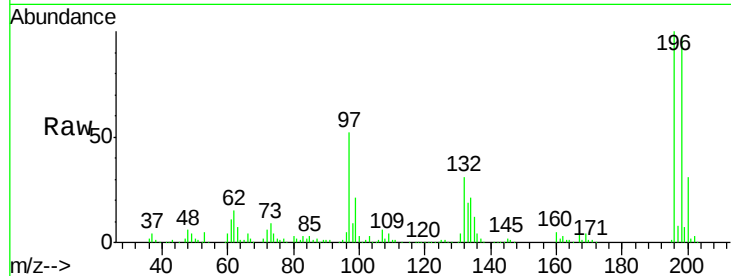
#43
 2,4,5-Trichlorophenol
 Concen: 37.59 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampled :
 PB93381BS

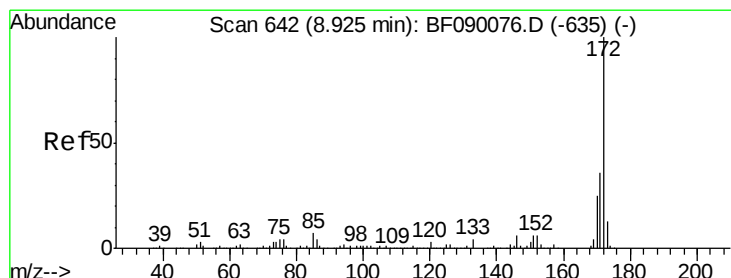
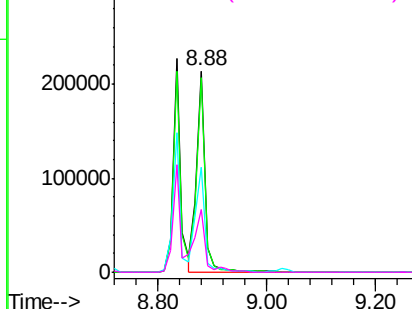
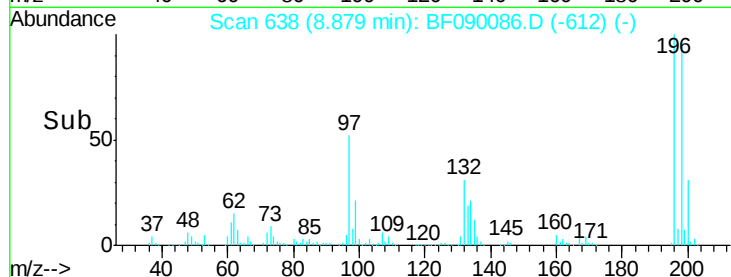
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230805		
198	96.8	76.6	114.8	
97	51.9	34.4	51.6	
132	31.0	22.2	33.2	

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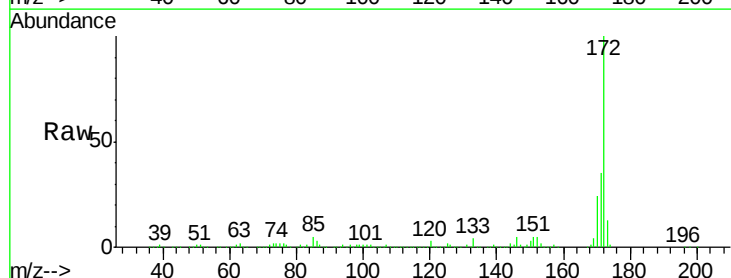


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

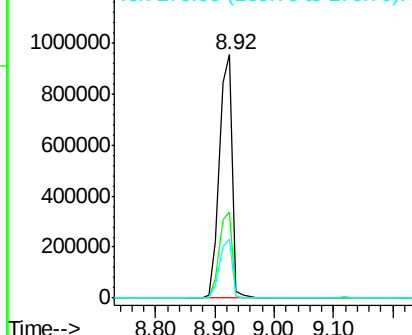
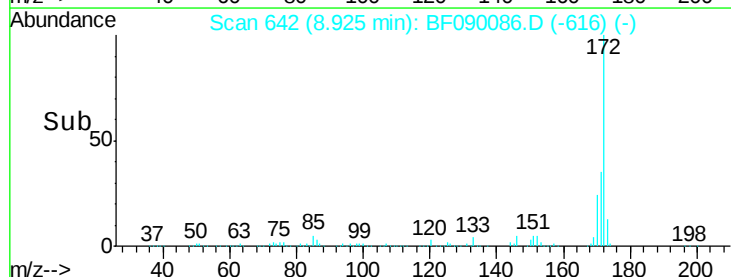


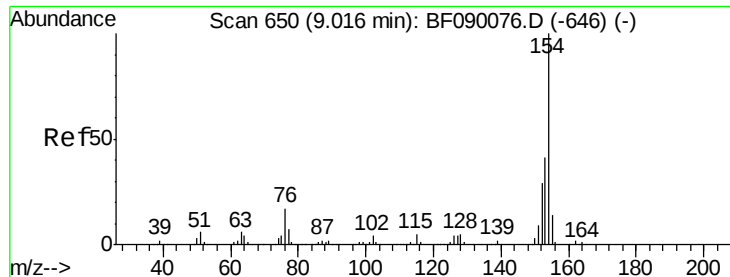
#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1433840		
171	35.5	29.2	43.8	
170	24.1	19.8	29.8	



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





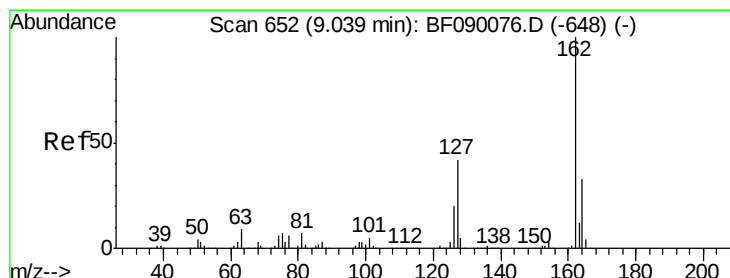
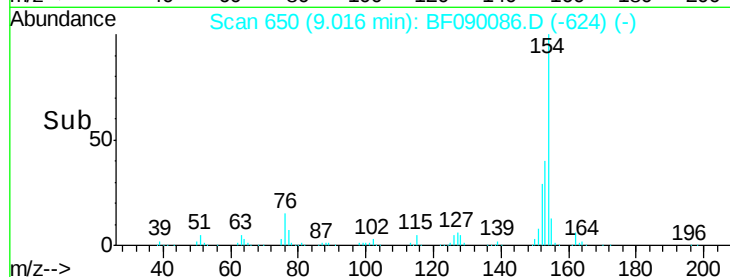
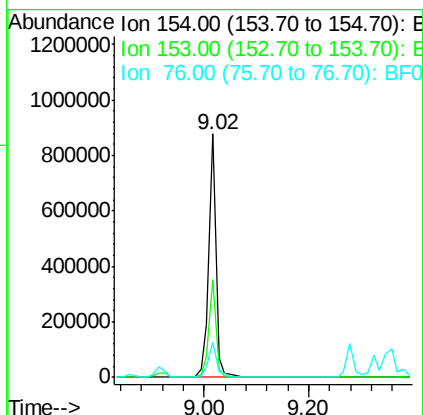
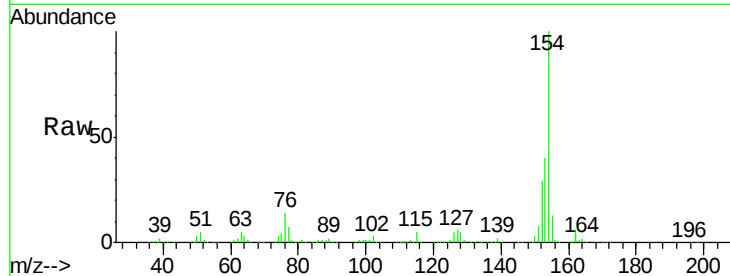
#45
 1,1'-Biphenyl
 Concen: 33.39 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion:	154	Resp:	836697
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	14.5	0.0	36.7

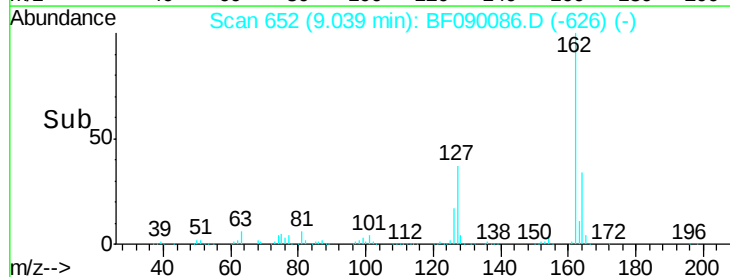
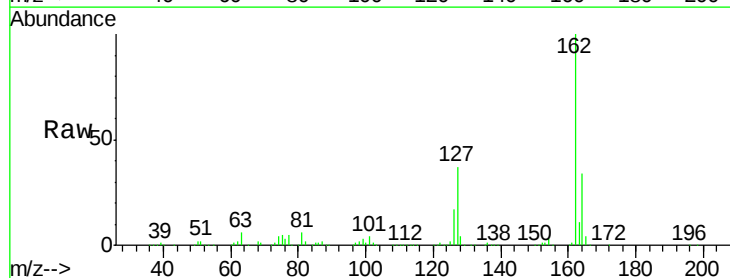
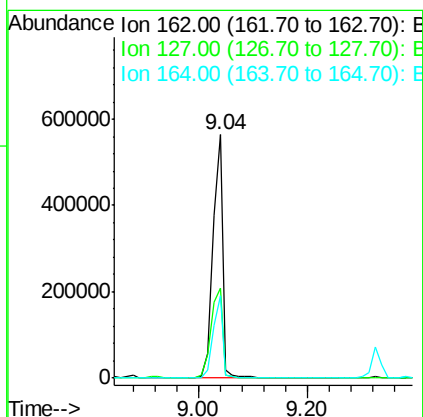
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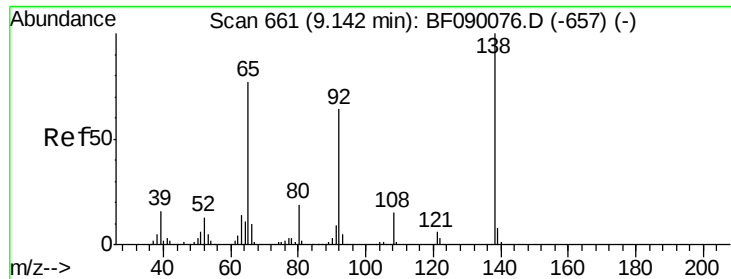
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#46
 2-Chloronaphthalene
 Concen: 38.78 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:	162	Resp:	720178
Ion Ratio	Lower	Upper	
162	100		
127	36.9	34.0	51.0
164	33.7	26.8	40.2





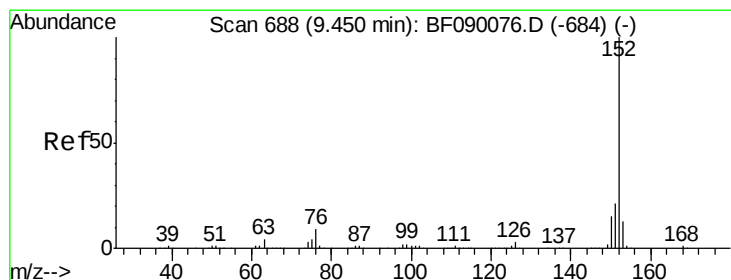
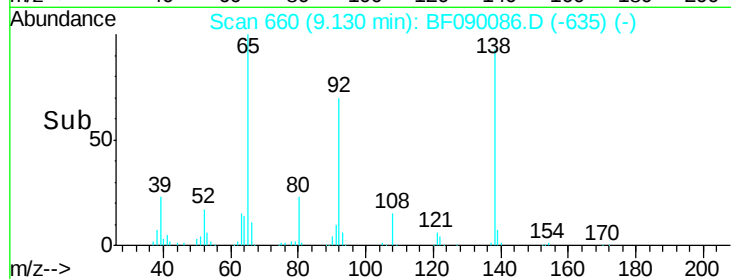
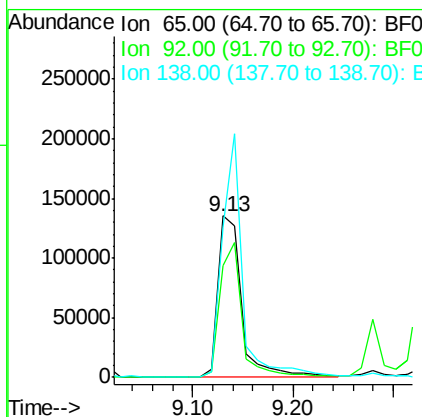
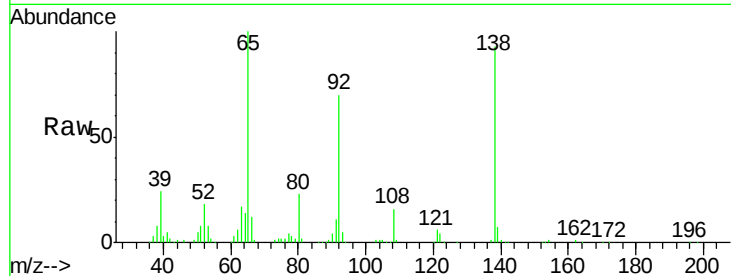
#47
2-Nitroaniline
Concen: 37.72 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	223641		
92	69.6	66.1	99.1	
138	92.9	104.1	156.1	

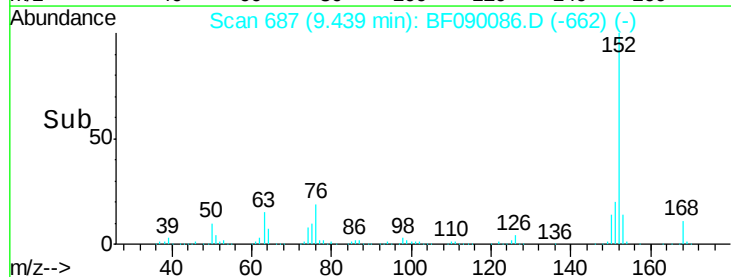
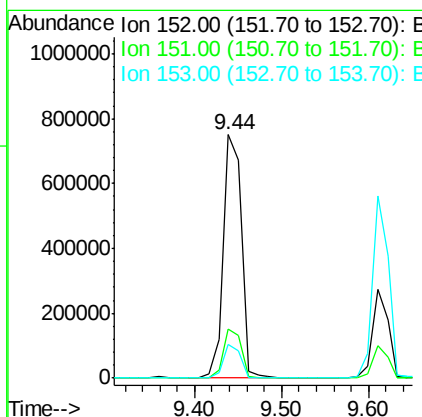
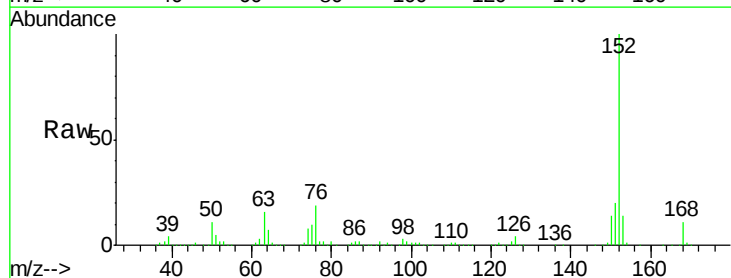
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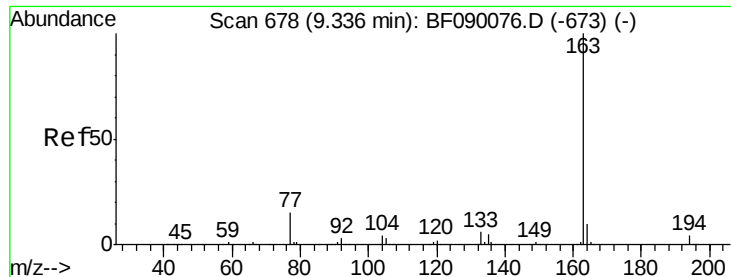
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#48
Acenaphthylene
Concen: 35.01 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1091840		
151	20.2	16.5	24.7	
153	13.7	10.6	15.8	





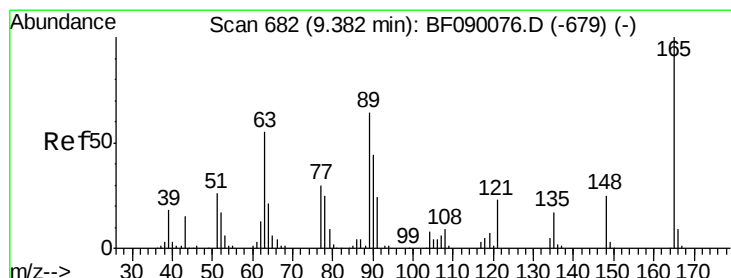
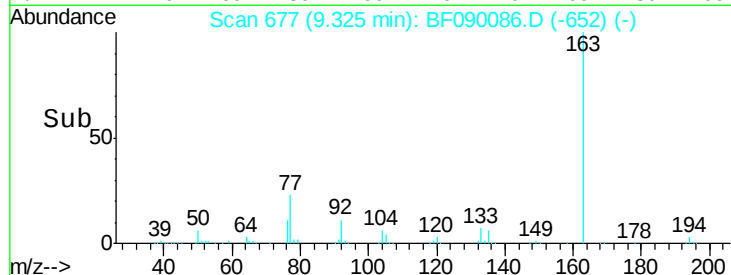
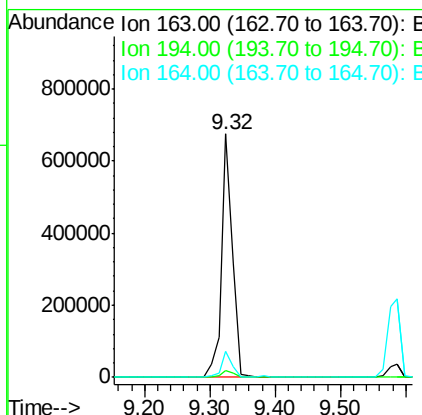
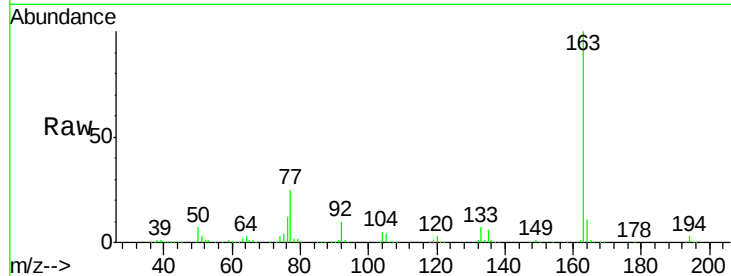
#49
Dimethylphthalate
Concen: 35.11 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.8	4.2
164	10.8	8.1	12.1

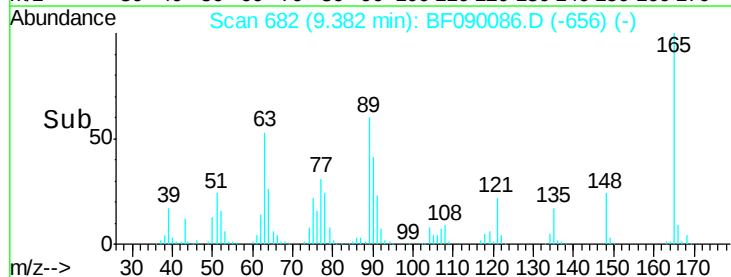
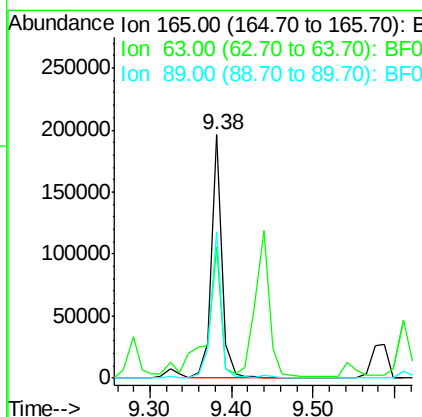
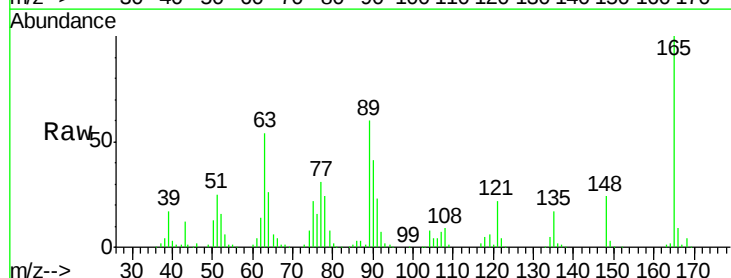
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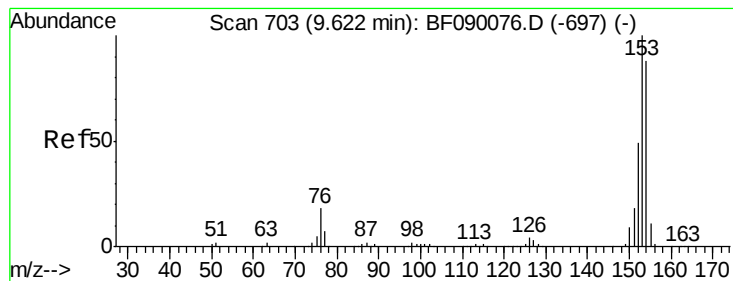
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#50
2,6-Dinitrotoluene
Concen: 35.91 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.5	49.9	74.9
89	59.9	51.0	76.4





#51

Acenaphthene

Concen: 36.62 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

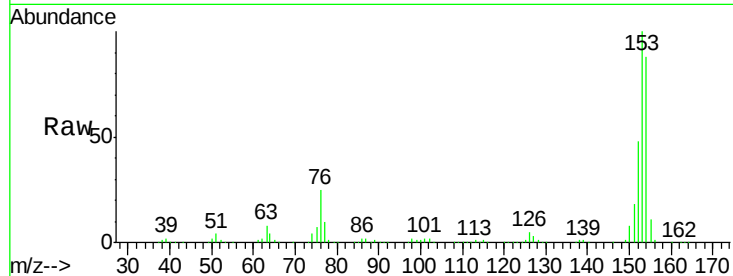
ClientSampleId :

PB93381BS

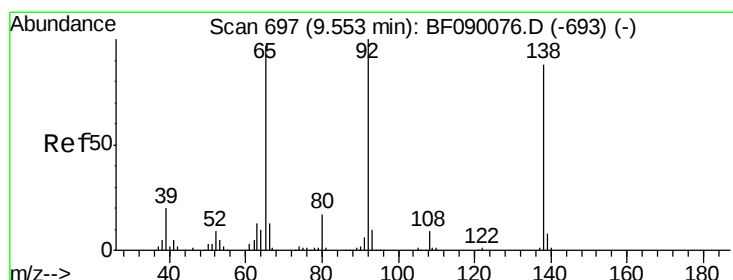
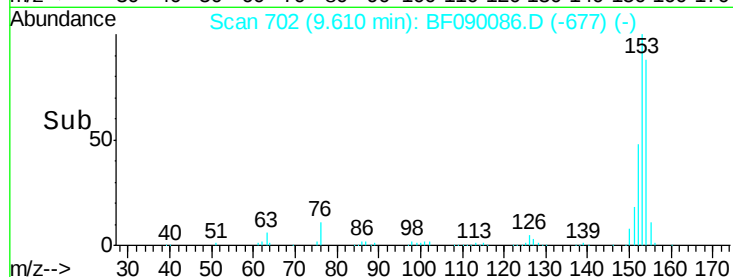
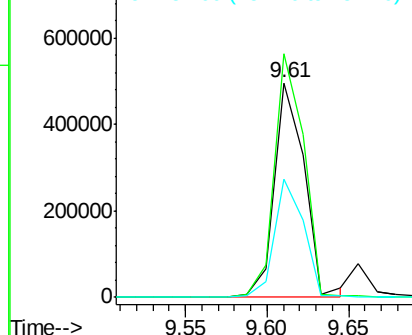
Tgt Ion:	154	Resp:	637796
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.8	136.2
152	54.9	44.2	66.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.40 ng

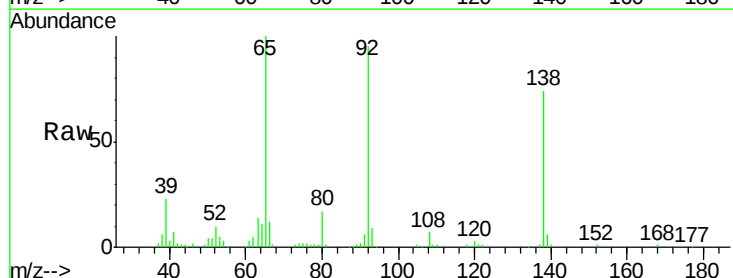
RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

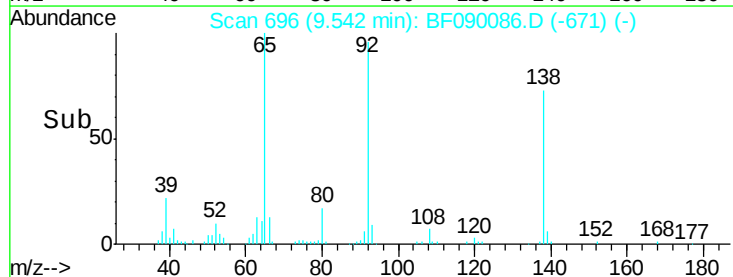
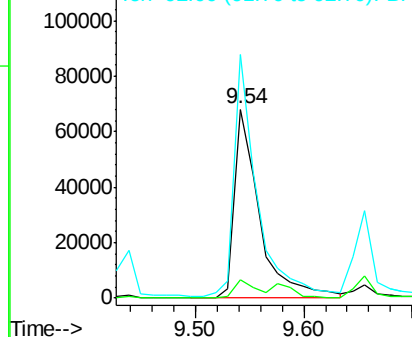
Lab File: BF090086.D

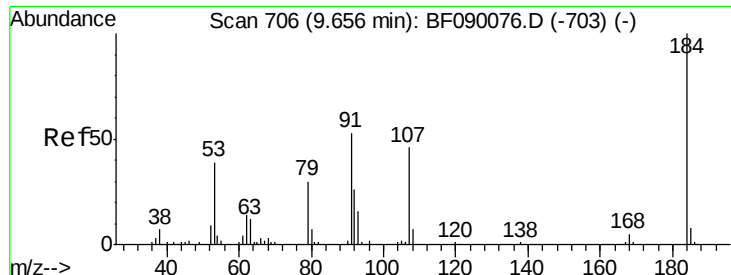
Acq: 15 Sep 2016 12:25

Tgt Ion:	138	Resp:	107646
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	129.0	90.7	136.1



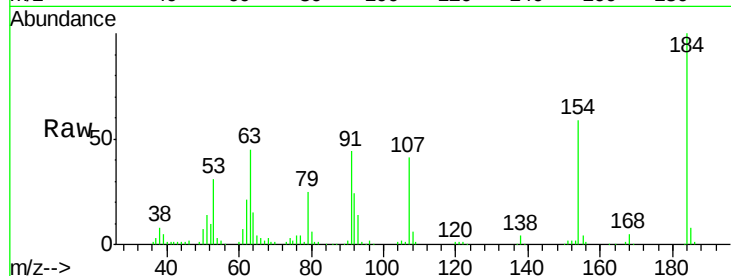
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 51.02 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

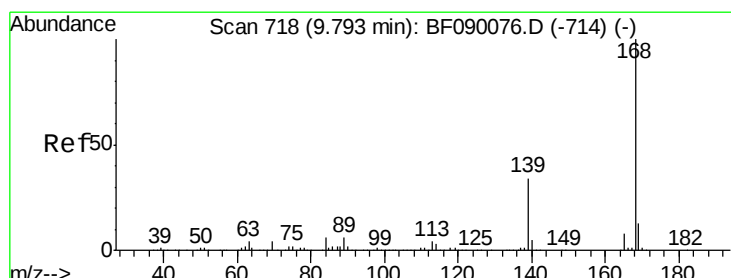
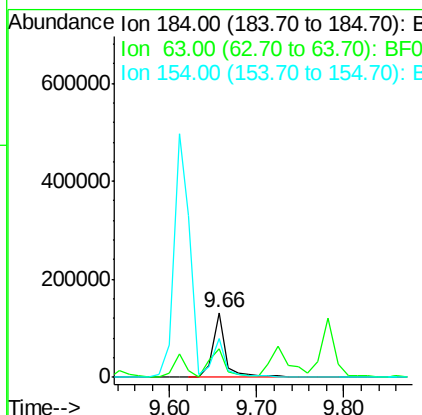
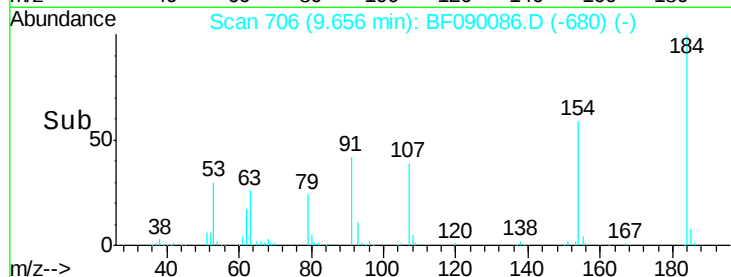
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141020		
63	44.9	44.6	67.0	
154	59.5	49.7	74.5	

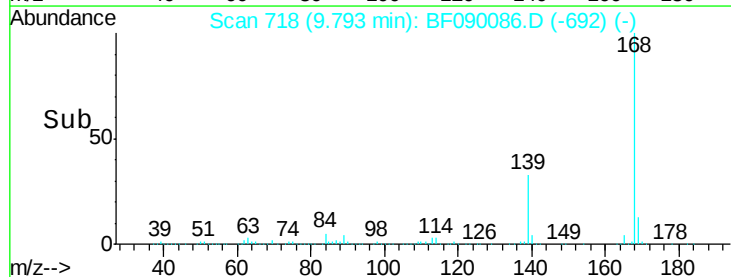
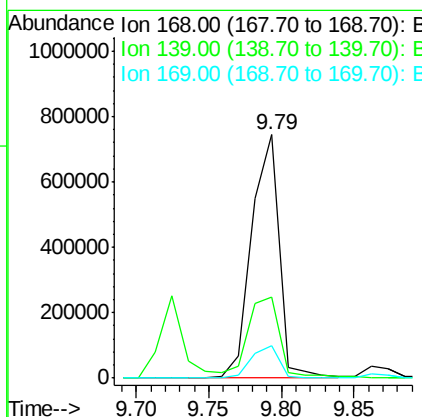
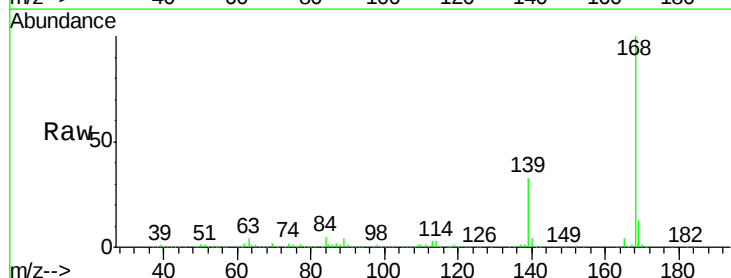
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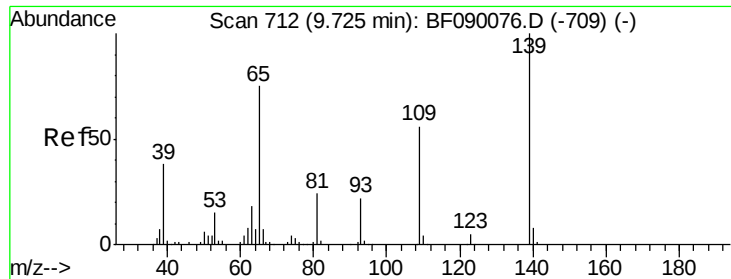
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#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	985136		
139	33.4	28.8	43.2	
169	13.2	10.7	16.1	





#55

4-Nitrophenol

Concen: 66.94 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

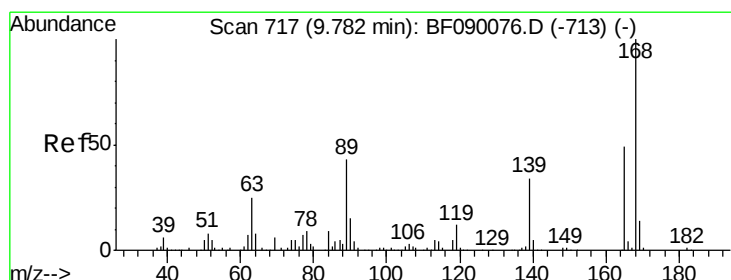
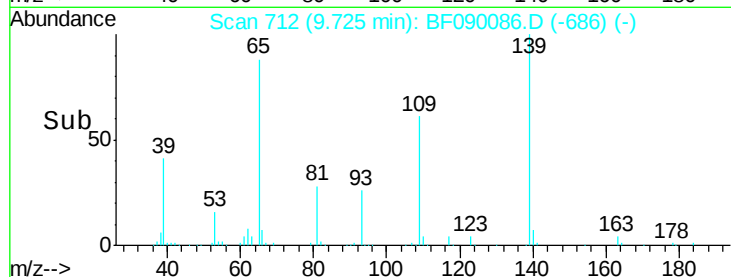
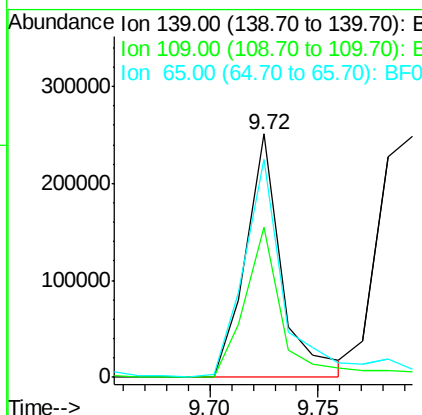
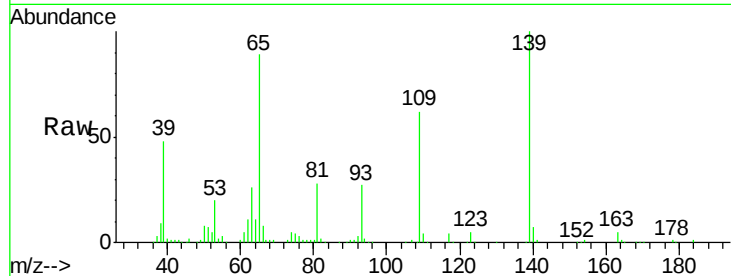
ClientSampleId :

PB93381BS

Tgt Ion:	139	Resp:	291353
Ion Ratio	Lower	Upper	
139	100		
109	61.6	35.6	75.6
65	89.3	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 37.69 ng

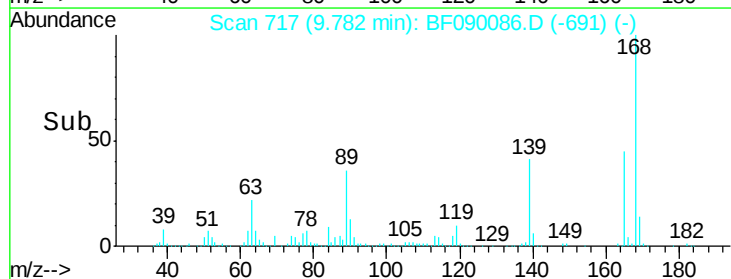
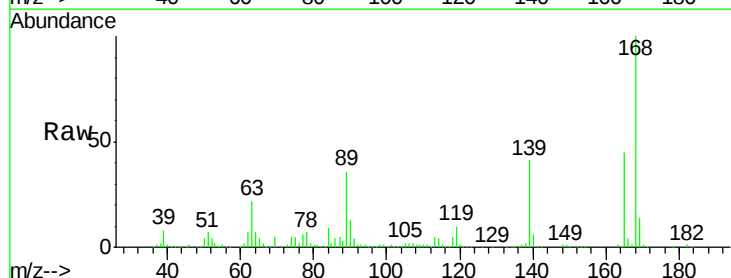
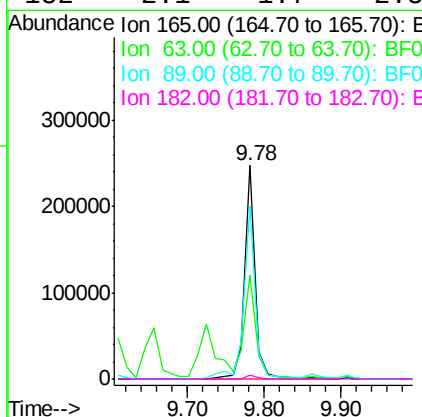
RT: 9.78 min Scan# 717

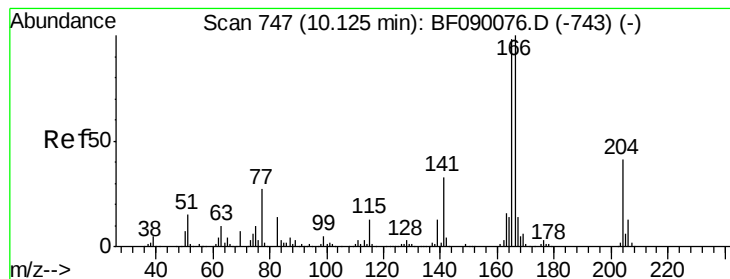
Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	165	Resp:	233562
Ion Ratio	Lower	Upper	
165	100		
63	48.8	44.4	66.6
89	80.7	70.1	105.1
182	2.1	1.7	2.5





#57

Fluorene

Concen: 35.17 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

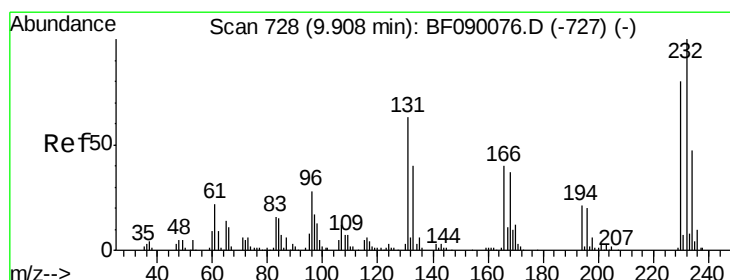
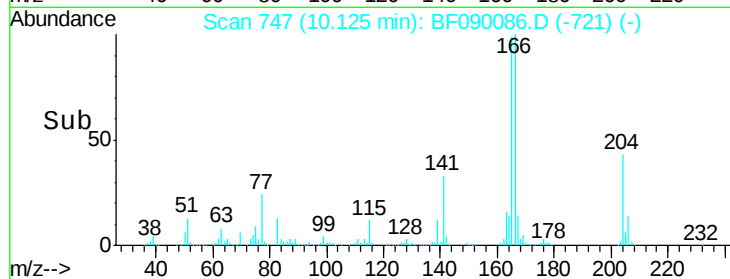
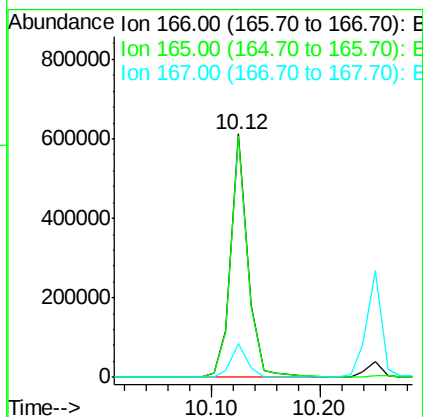
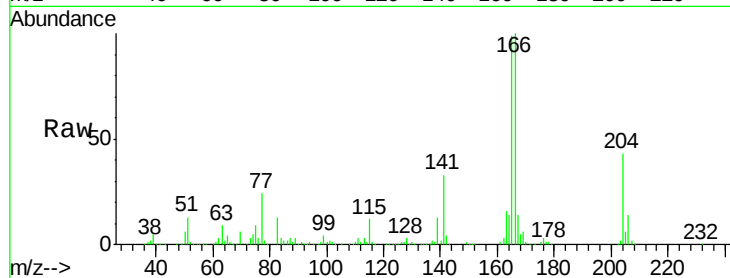
ClientSampleId :

PB93381BS

Tgt Ion:	166	Resp:	661978
Ion Ratio		Lower	Upper
166	100		
165	99.0	78.5	117.7
167	14.0	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.78 ng

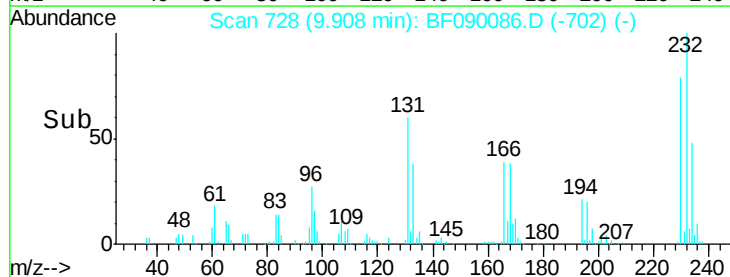
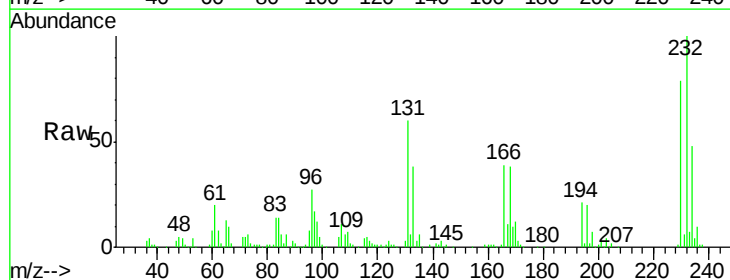
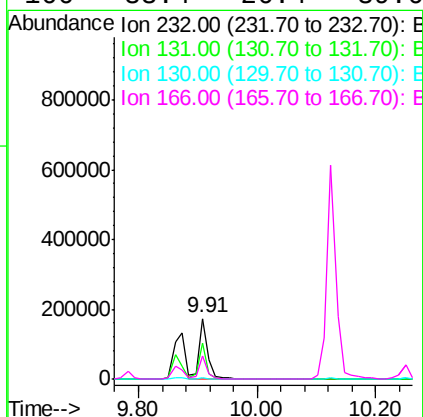
RT: 9.91 min Scan# 728

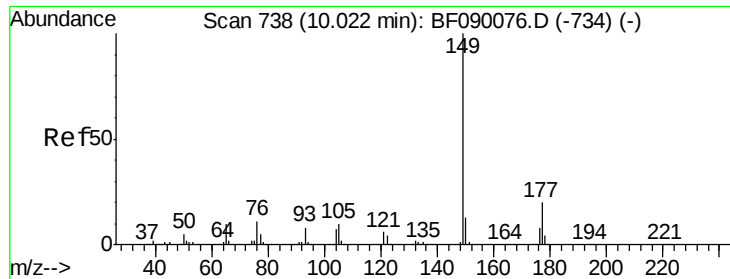
Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	232	Resp:	186273
Ion Ratio		Lower	Upper
232	100		
131	52.7	42.2	63.4
130	2.3	1.9	2.9
166	33.4	26.4	39.6





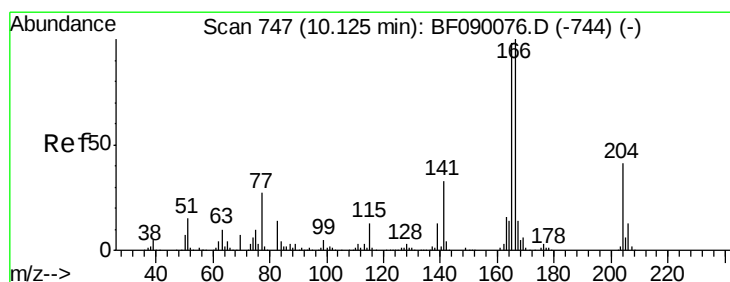
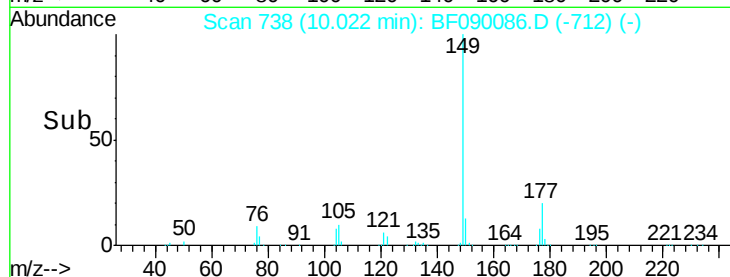
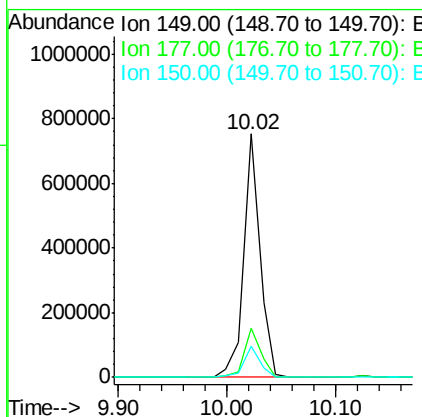
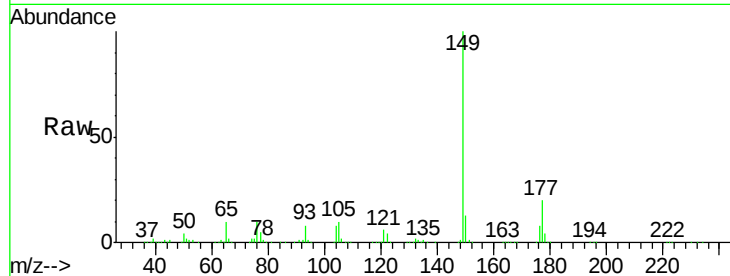
#59
Diethylphthalate
Concen: 35.16 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampled :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	774316		
177	20.0	15.8	23.6	
150	12.9	10.4	15.6	

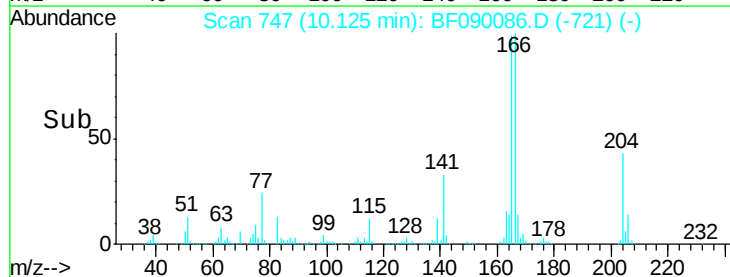
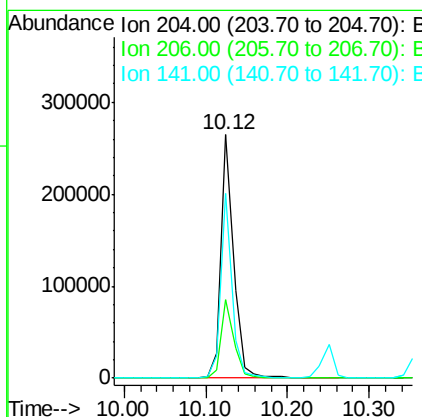
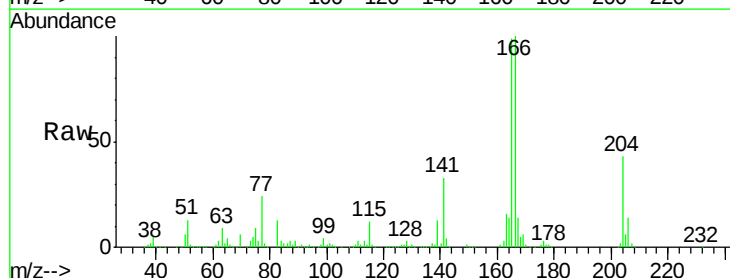
Manual Integrations
APPROVED

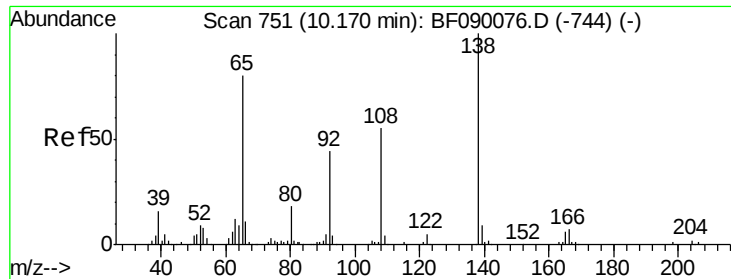
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.94 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	281942		
206	32.2	25.6	38.4	
141	75.9	64.4	96.6	





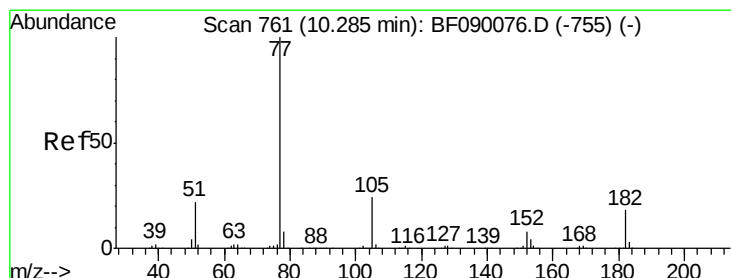
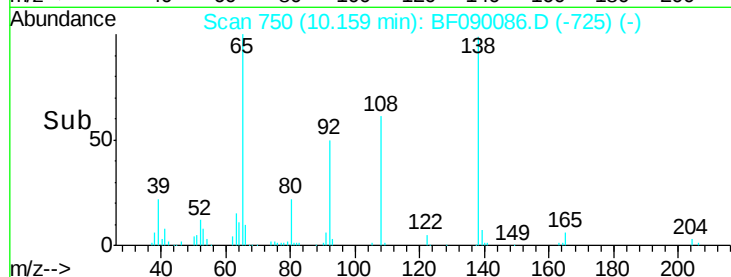
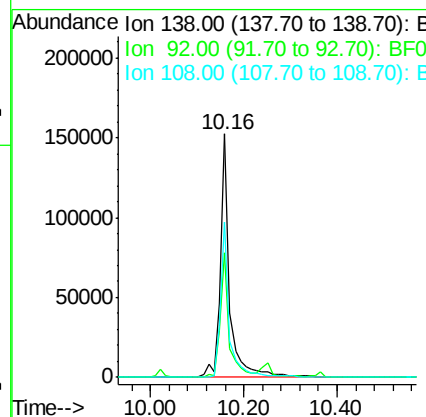
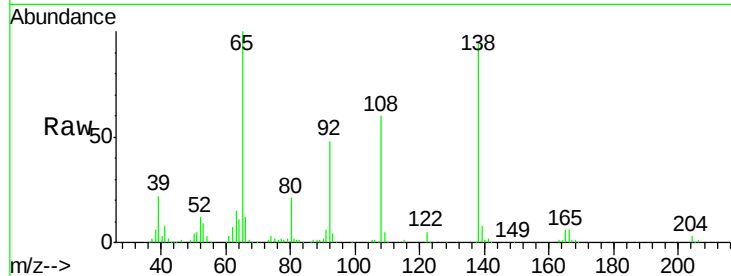
#61
4-Nitroaniline
Concen: 34.49 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampled :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	215909		
92	51.2	23.8	63.8	
108	63.7	35.0	75.0	

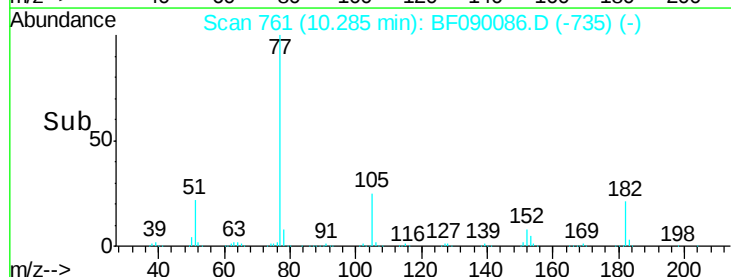
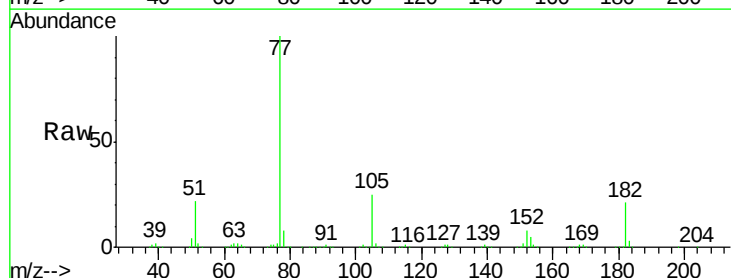
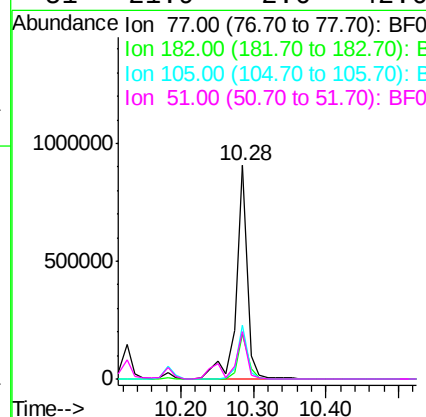
Manual Integrations
APPROVED

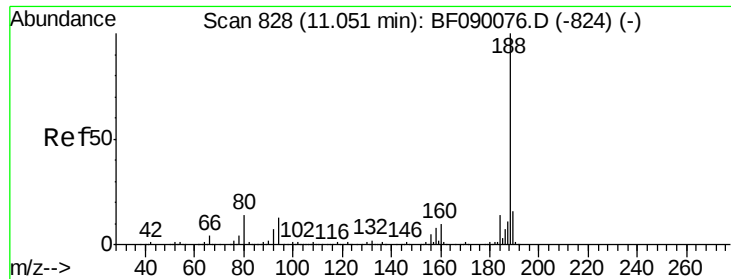
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#62
Azobenzene
Concen: 40.75 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	941720		
182	21.1	0.0	38.4	
105	25.1	3.8	43.8	
51	21.9	2.6	42.6	





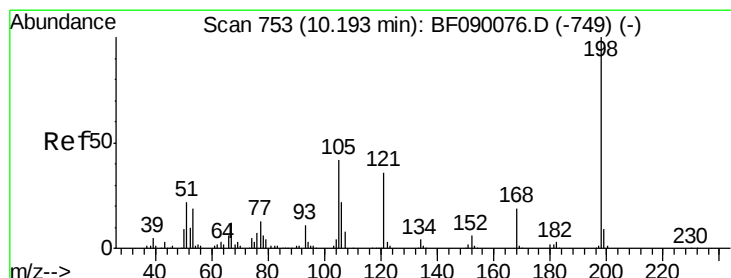
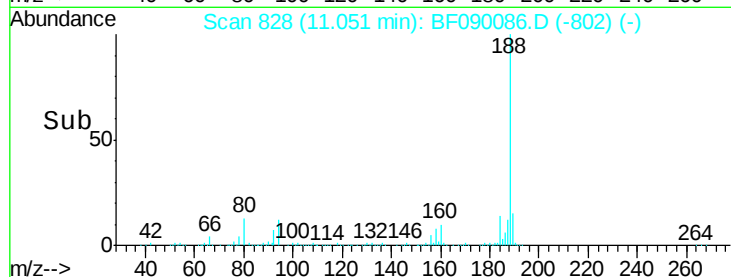
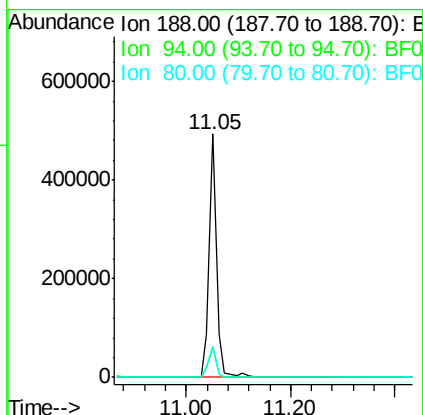
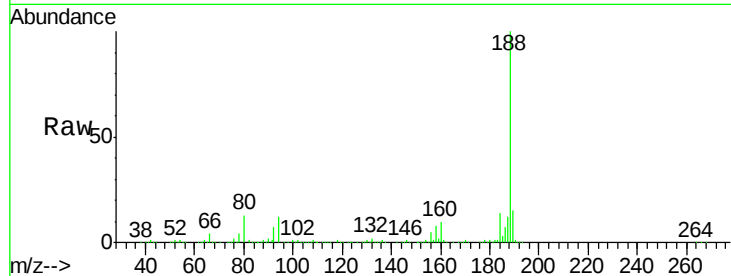
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	485002		
94	12.1	10.5	15.7	
80	12.6	11.2	16.8	

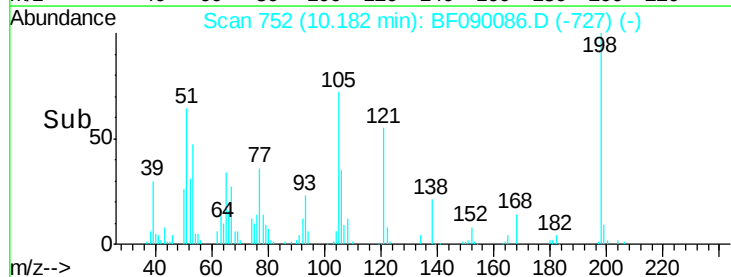
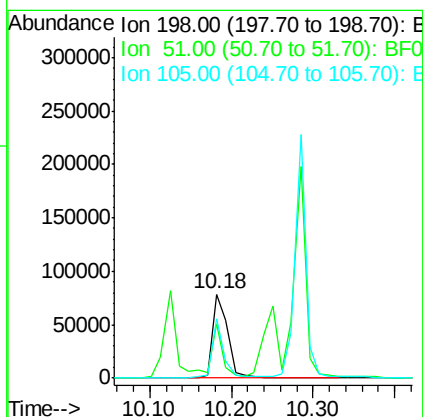
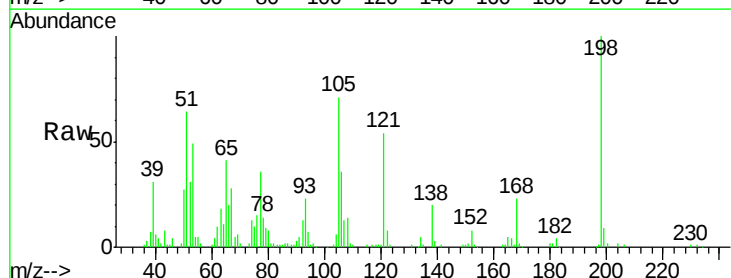
Manual Integrations
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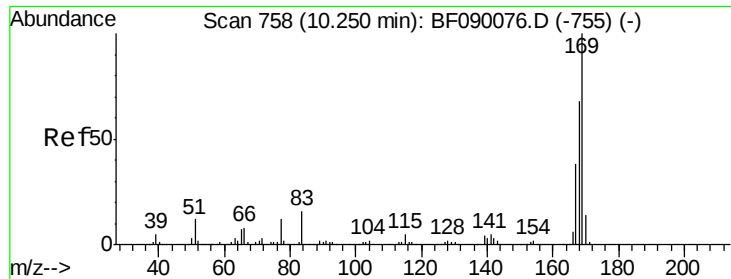
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.62 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102230		
51	63.9	5.5	45.5#	
105	70.6	21.8	61.8#	





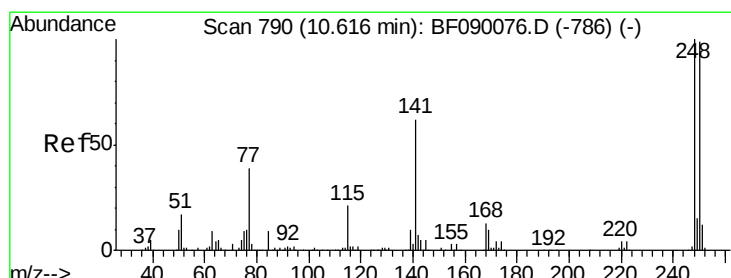
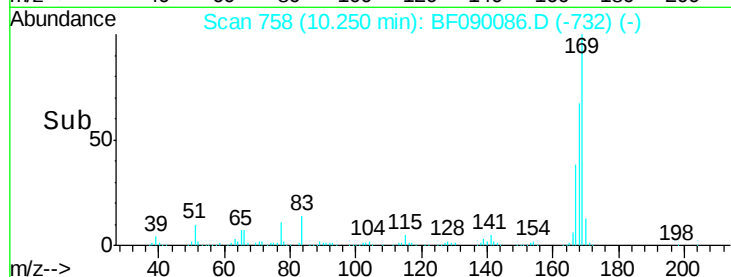
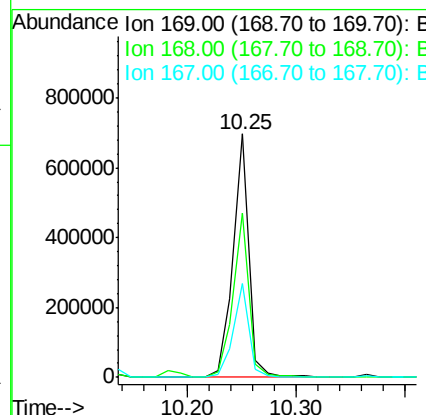
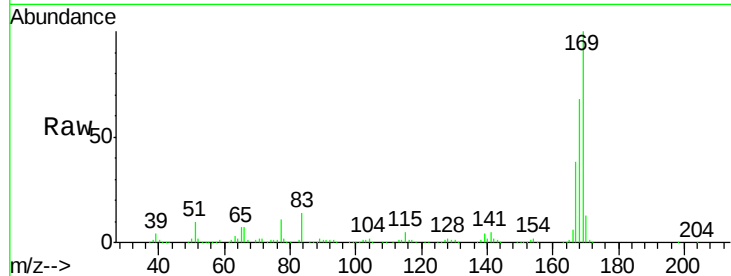
#65
 n-Nitrosodiphenylamine
 Concen: 45.81 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	703967		
168	67.6	54.2	81.4	
167	38.3	30.3	45.5	

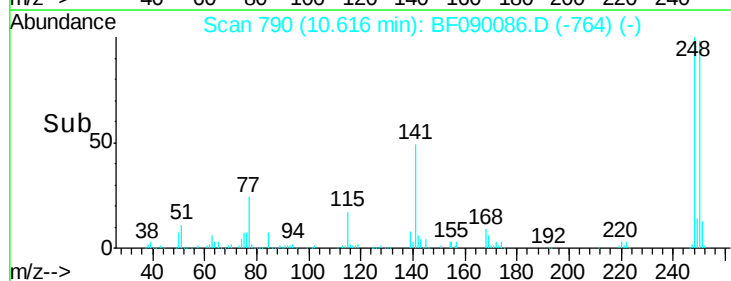
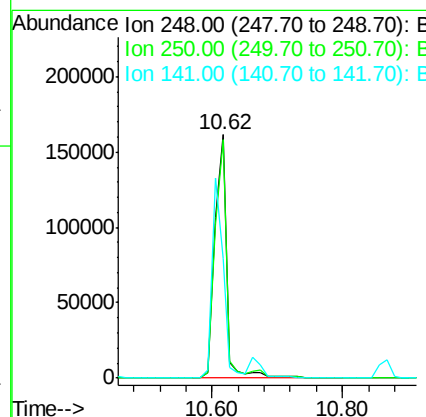
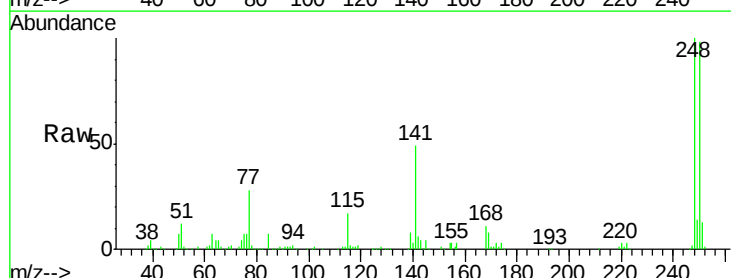
Manual Integrations
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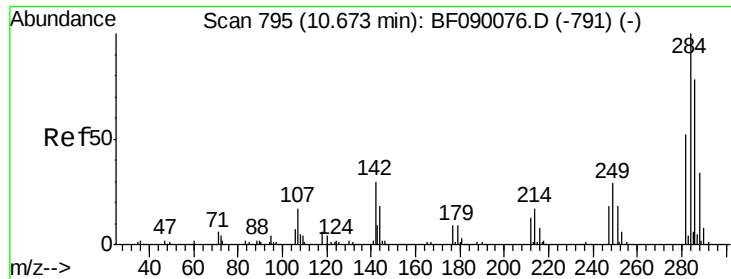
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#66
 4-Bromophenyl-phenylether
 Concen: 44.82 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	209530		
250	98.1	79.4	119.2	
141	49.2	49.3	73.9#	





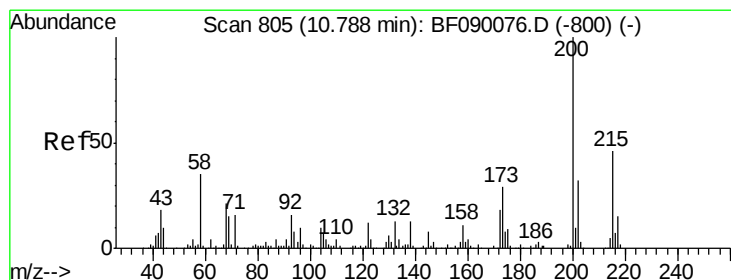
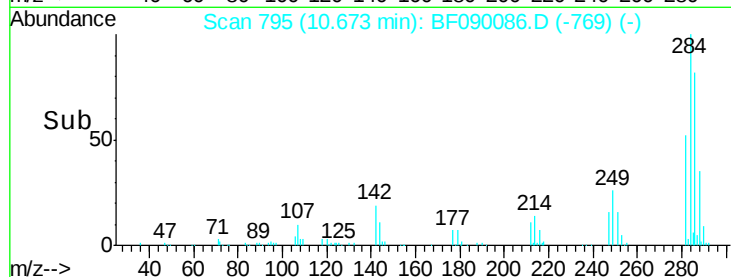
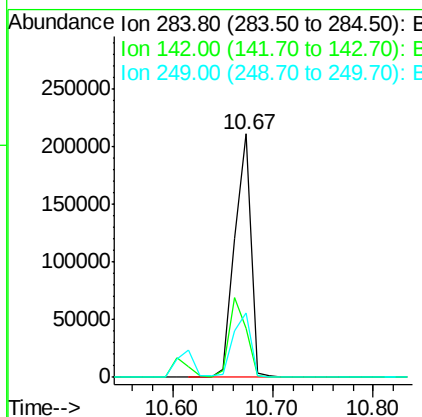
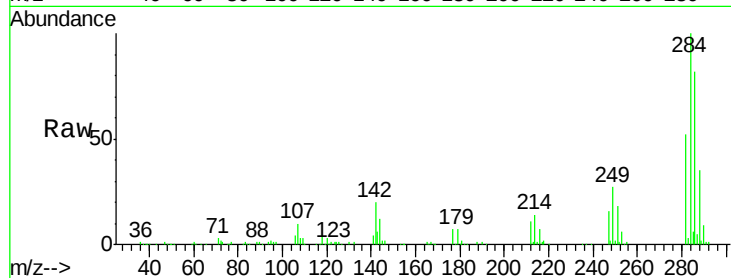
#67
Hexachlorobenzene
Concen: 43.02 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	237009		
142	20.0	24.0	36.0	
249	26.7	23.8	35.6	

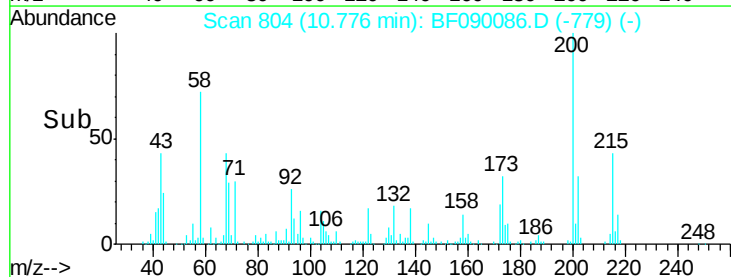
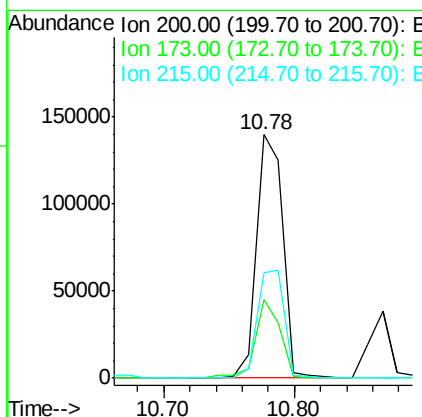
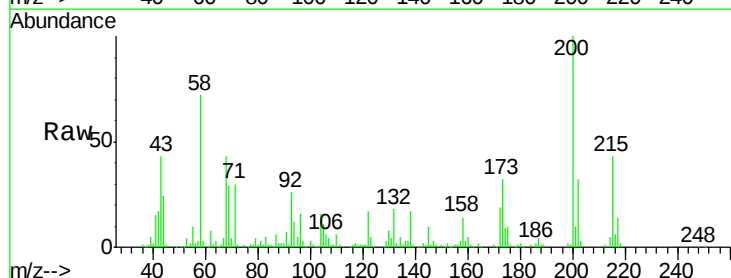
Manual Integrations
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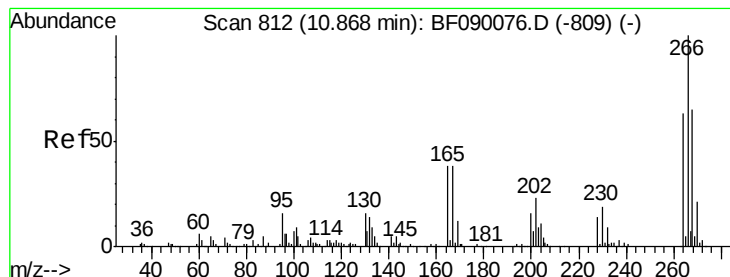
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#68
Atrazine
Concen: 42.95 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	196140		
173	32.2	9.3	49.3	
215	43.3	26.1	66.1	





#69

Pentachlorophenol

Concen: 75.26 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

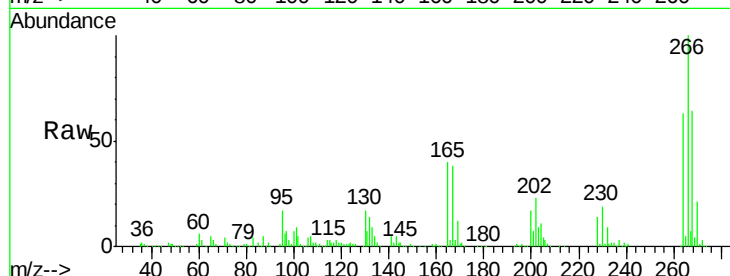
ClientSampleId :

PB93381BS

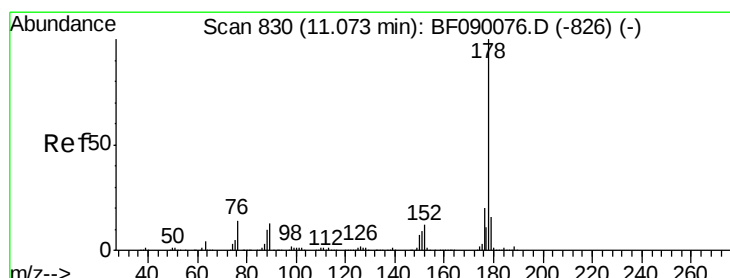
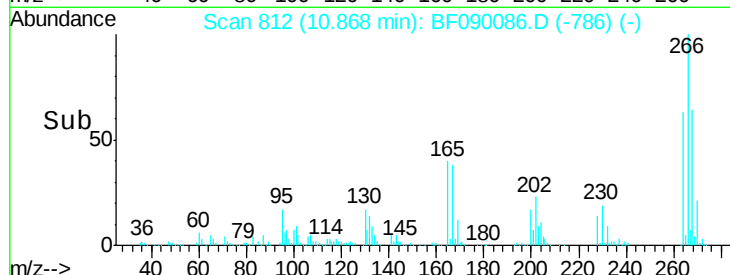
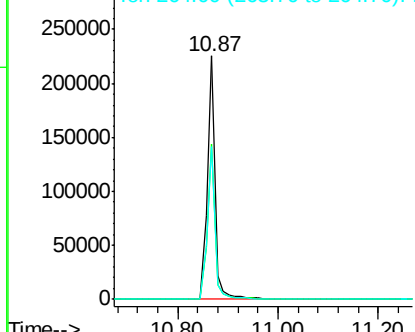
Tgt Ion:	266	Resp:	242902
Ion Ratio	Lower	Upper	
266	100		
268	63.8	52.1	78.1
264	62.5	50.3	75.5

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



#70

Phenanthrene

Concen: 41.51 ng

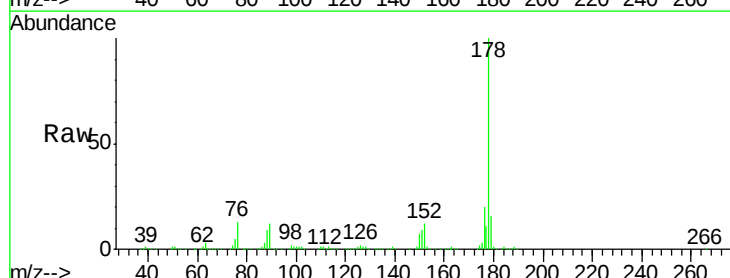
RT: 11.07 min Scan# 830

Delta R.T. 0.00 min

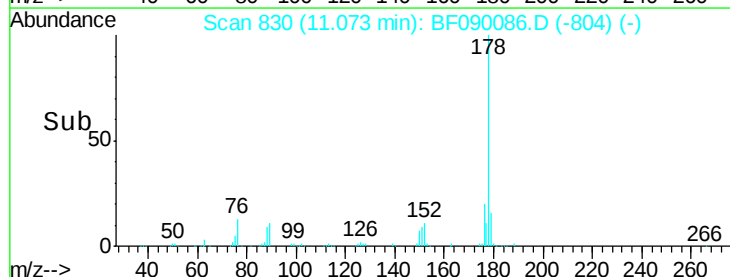
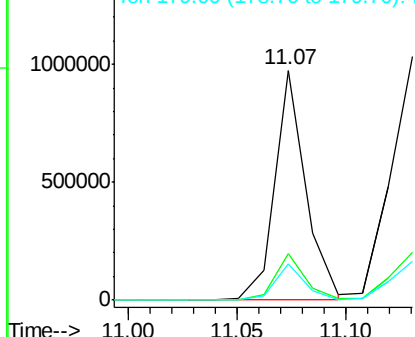
Lab File: BF090086.D

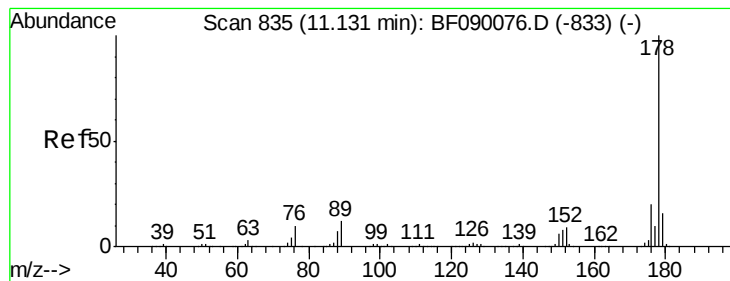
Acq: 15 Sep 2016 12:25

Tgt Ion:	178	Resp:	973005
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.9	23.9
179	15.9	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





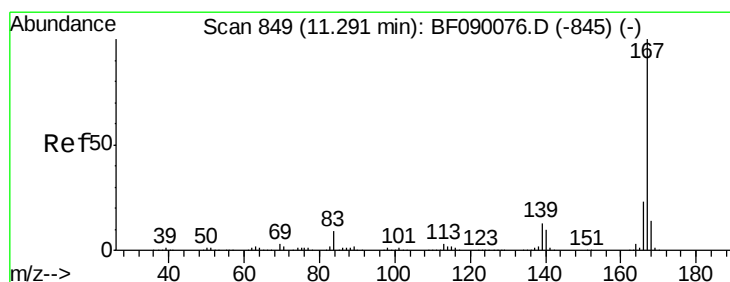
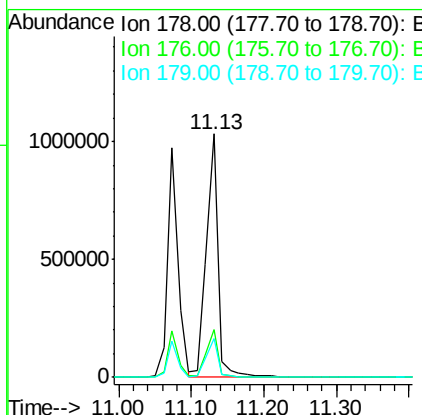
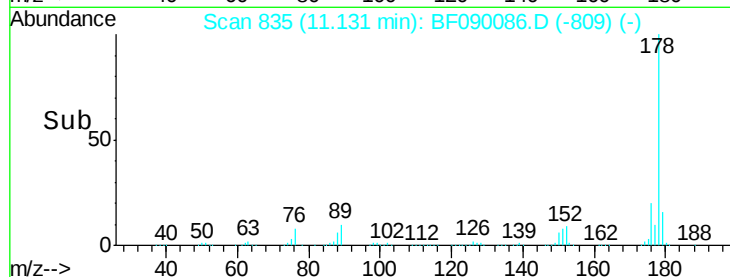
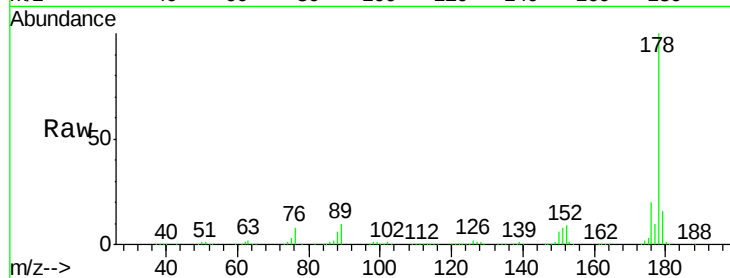
#71
 Anthracene
 Concen: 45.43 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion:178 Resp: 1162544
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 12.6 19.0

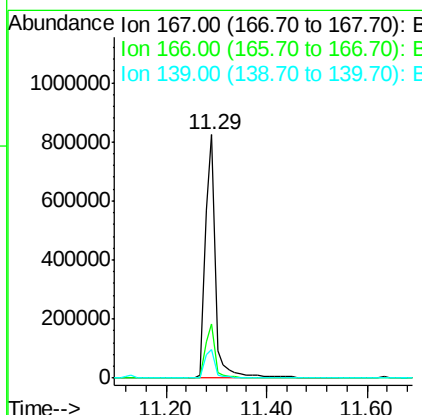
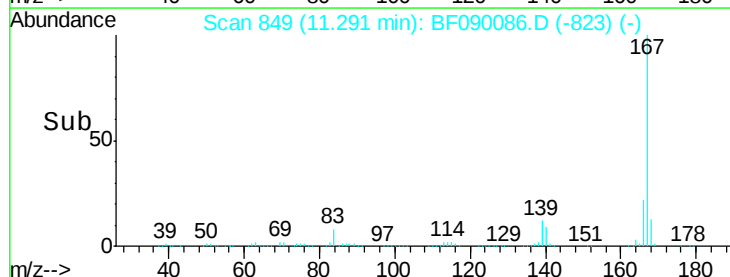
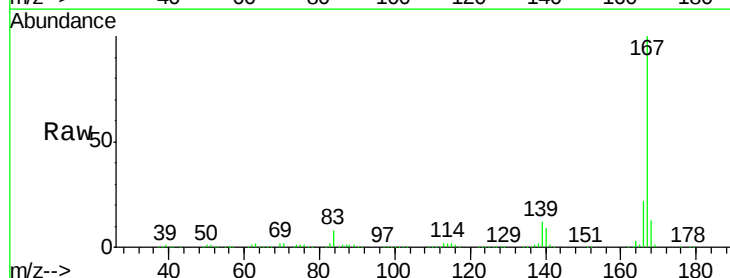
Manual Integrations
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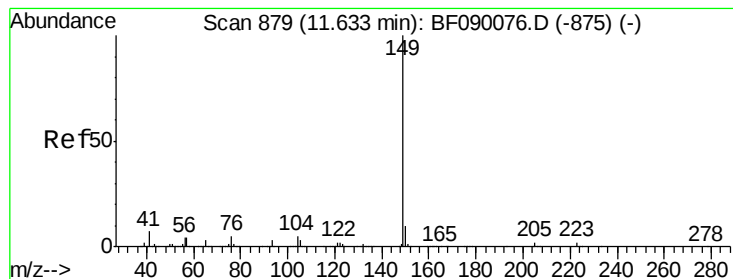
sohil
 9/16/2016 11:34:53 AM



#72
 Carbazole
 Concen: 44.01 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion:167 Resp: 1155285
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 41.60 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

ClientSampleId :

PB93381BS

Tgt Ion:149 Resp: 1224638

Ion Ratio Lower Upper

149 100

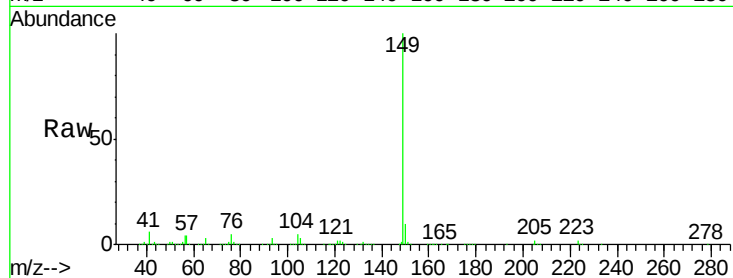
150 9.6 7.8 11.8

104 4.9 3.9 5.9

Manual Integrations
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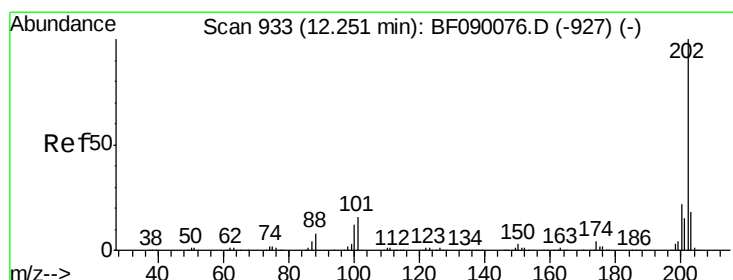
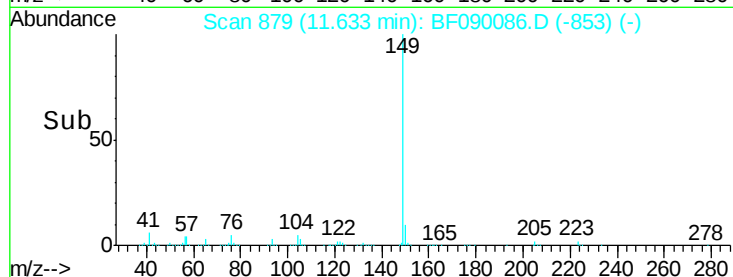
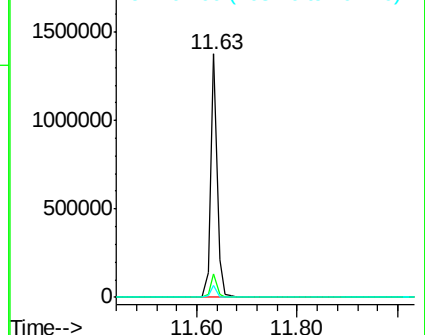
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.47 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

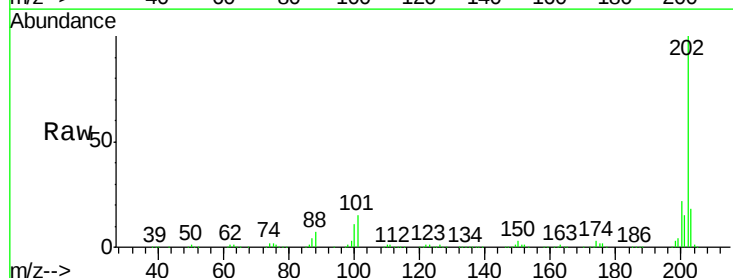
Tgt Ion:202 Resp: 1067498

Ion Ratio Lower Upper

202 100

101 15.0 0.0 36.1

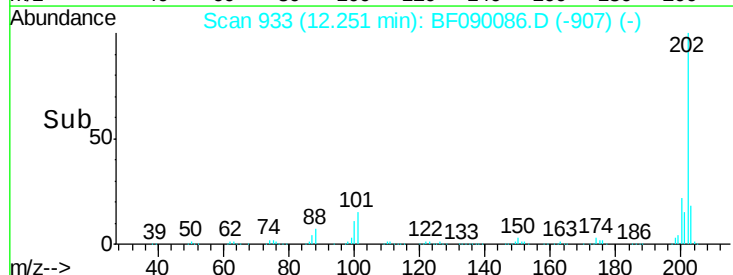
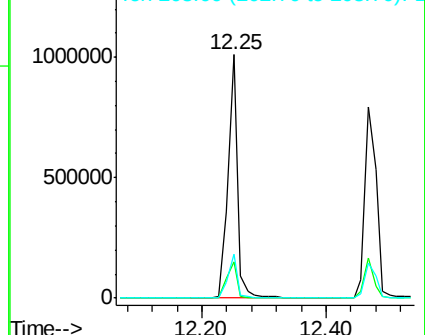
203 18.2 0.0 38.2

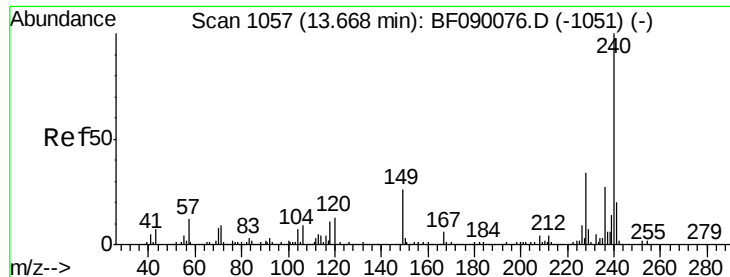


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

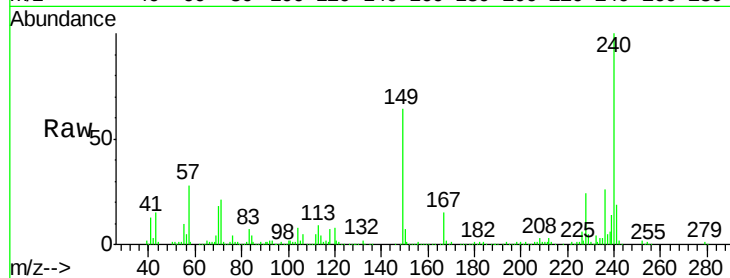
ClientSampleId :

PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	311819		
120	8.3	10.6	16.0	
236	25.6	21.6	32.4	

Manual Integrations
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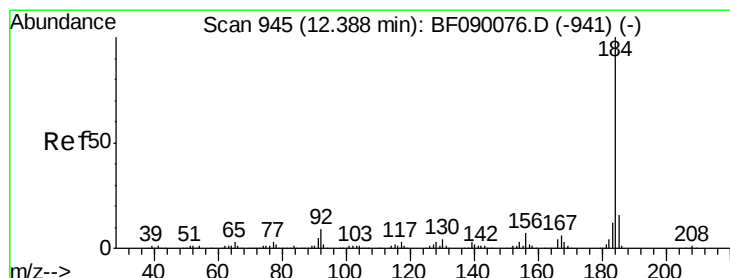
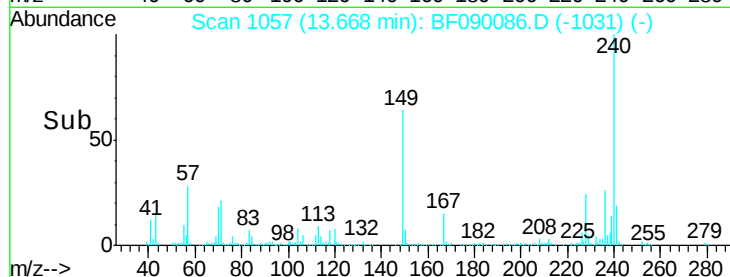
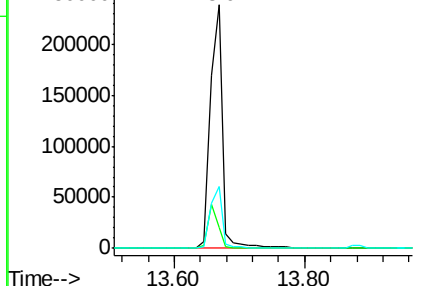
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.62 ng

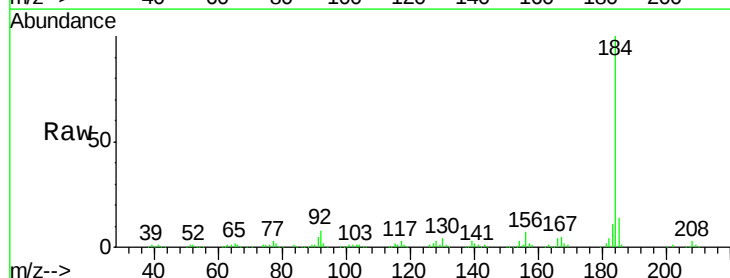
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

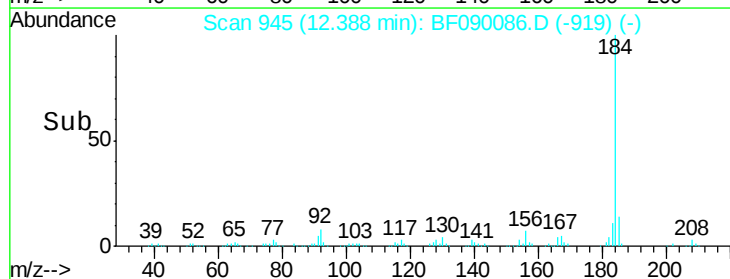
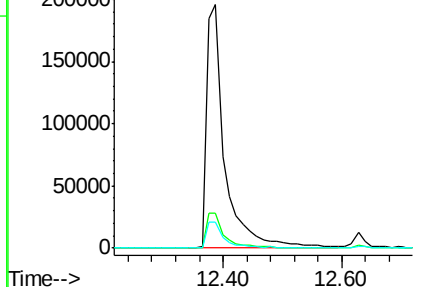
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	414859		
185	14.3	13.2	19.8	
183	10.6	9.2	13.8	

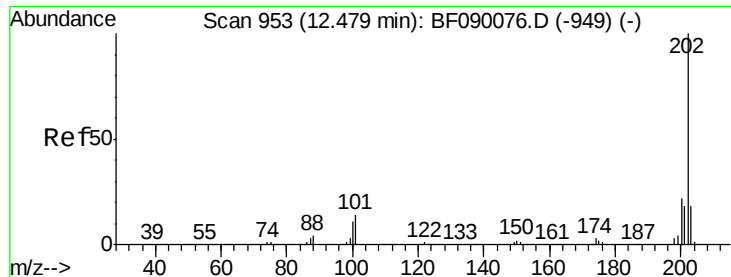


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





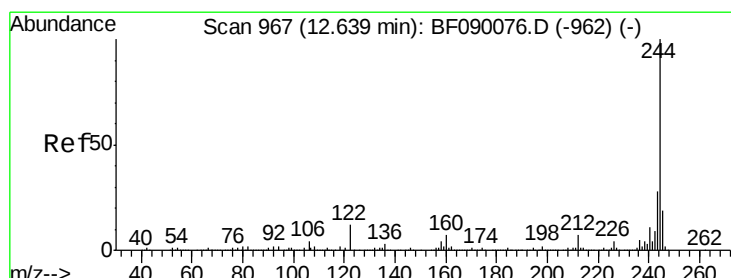
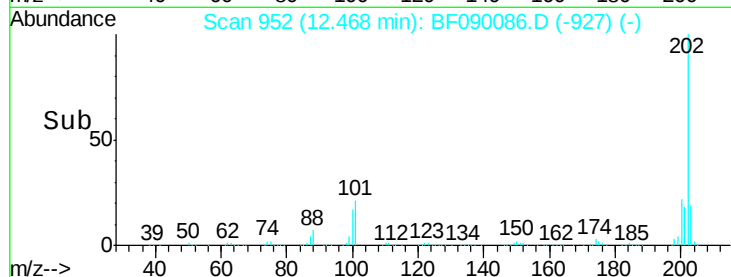
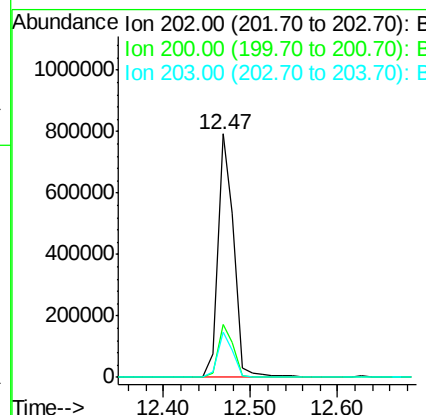
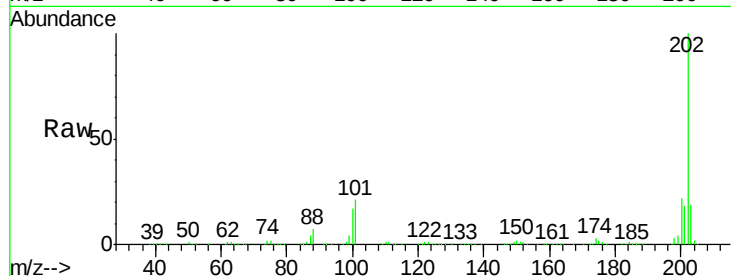
#77
 Pyrene
 Concen: 44.26 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion: 202 Resp: 1007236
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.9 26.9
 203 18.6 14.2 21.4

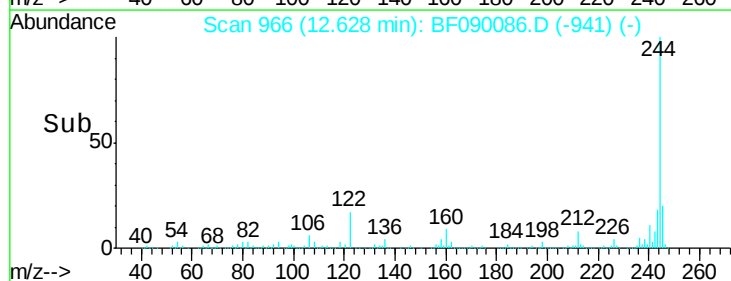
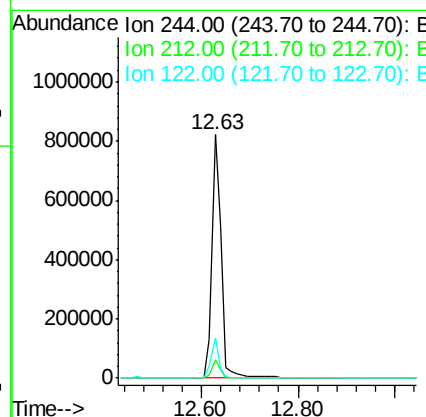
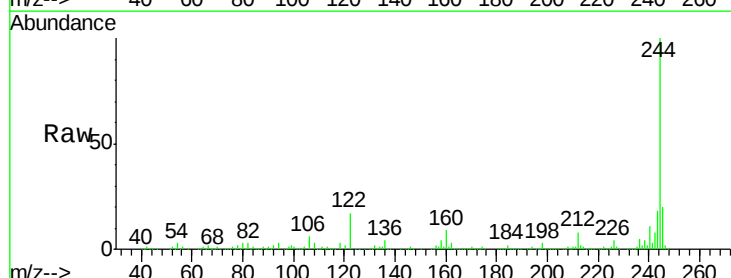
Manual Integrations
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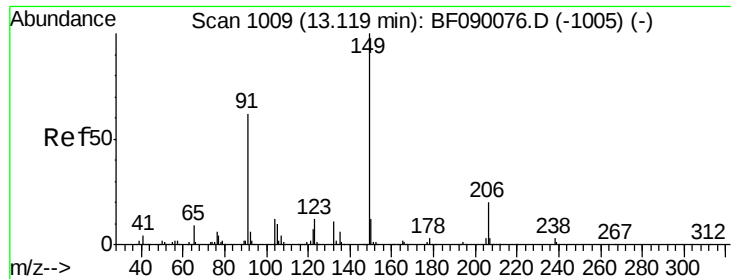
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#78
 Terphenyl-d14
 Concen: 83.75 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion: 244 Resp: 1099677
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 16.7 9.4 14.0#





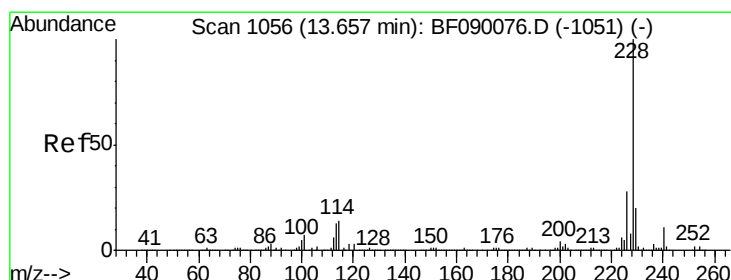
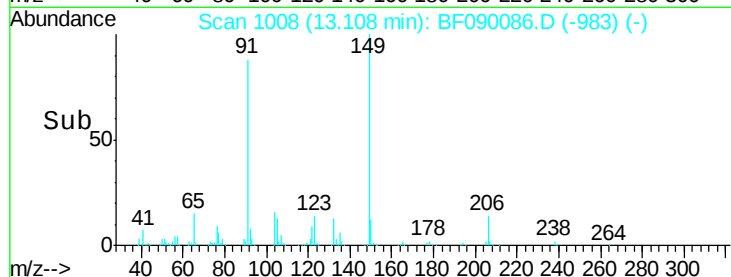
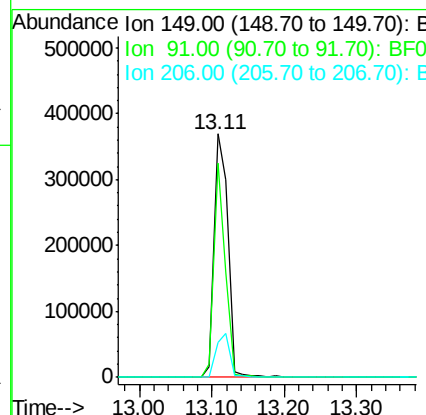
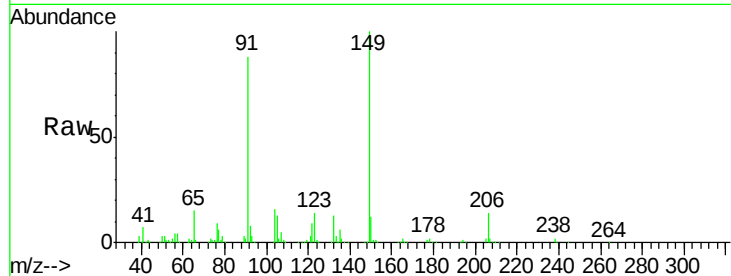
#79
Butylbenzylphthalate
Concen: 43.10 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampled :
PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	488427		
91	87.9	49.8	74.6#	
206	14.4	16.3	24.5#	

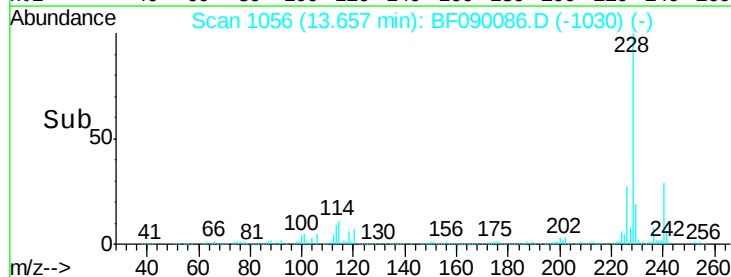
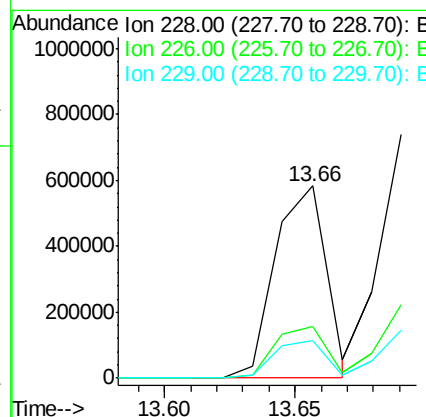
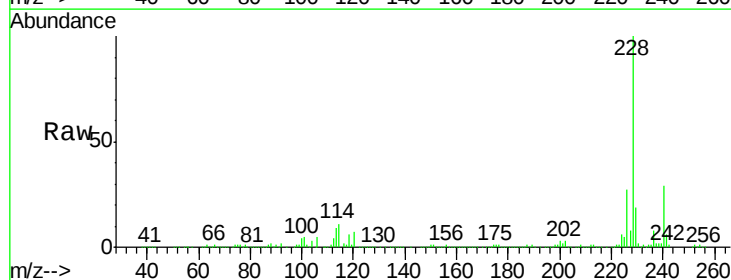
Manual Integrations
APPROVED

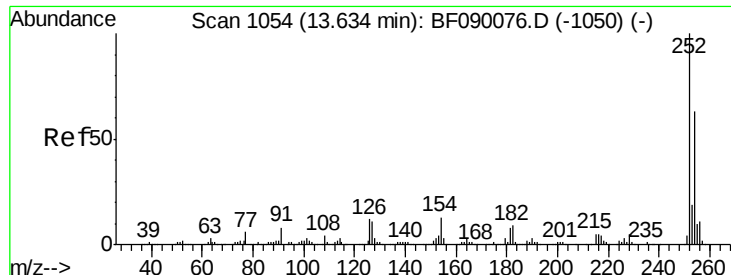
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#80
Benzo(a)anthracene
Concen: 43.32 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	788577		
226	27.0	22.0	33.0	
229	19.3	16.2	24.2	





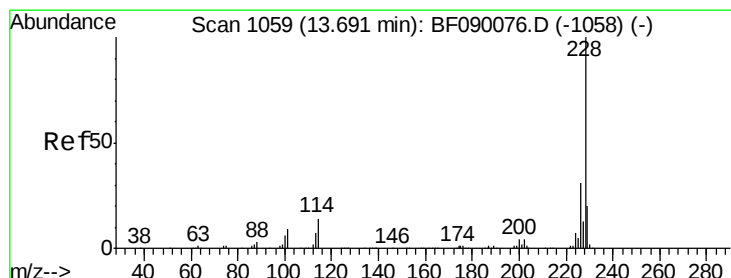
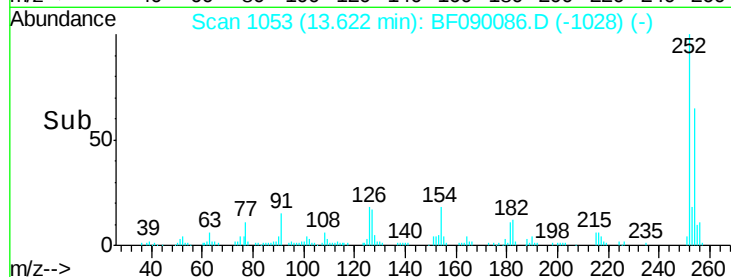
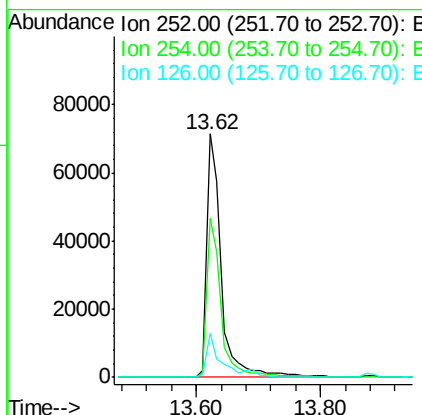
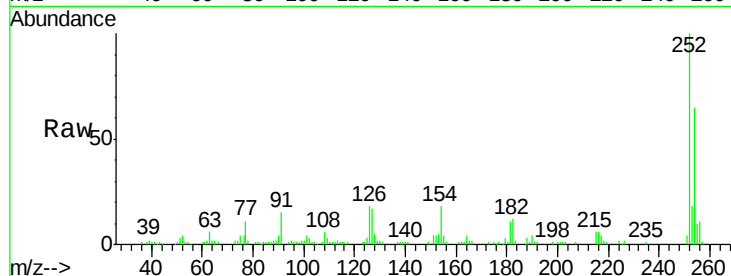
#81
 3,3'-Dichlorobenzidine
 Concen: 15.10 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampled :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115214		
254	65.3	50.7	76.1	
126	18.1	9.2	13.8	

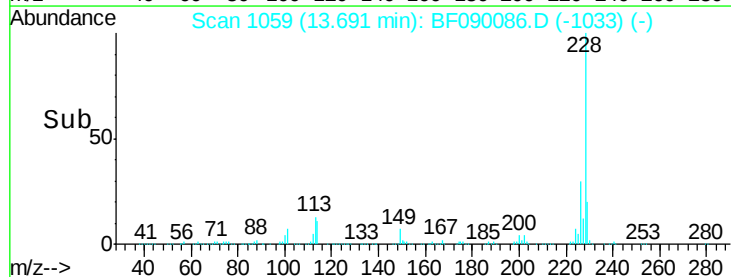
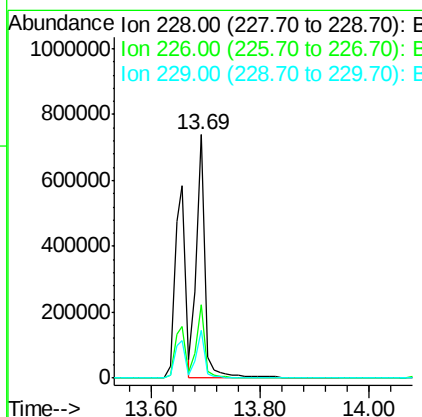
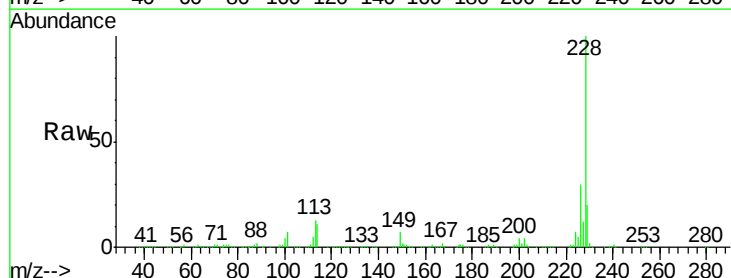
Manual Integrations
 APPROVED

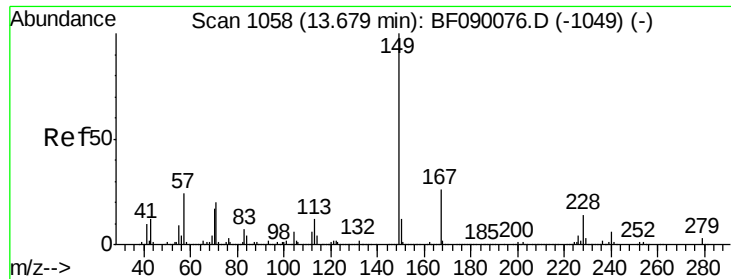
sohil
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#82
 Chrysene
 Concen: 45.01 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	797673		
226	30.4	24.6	37.0	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.36 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Instrument :

BNA_F

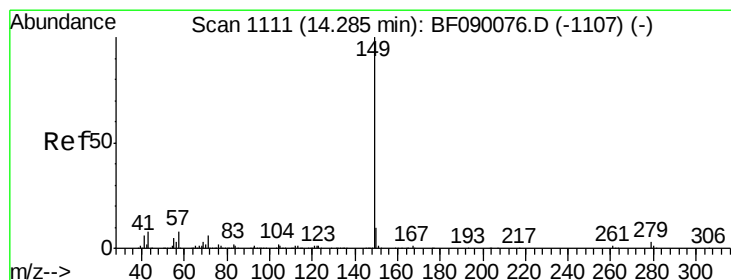
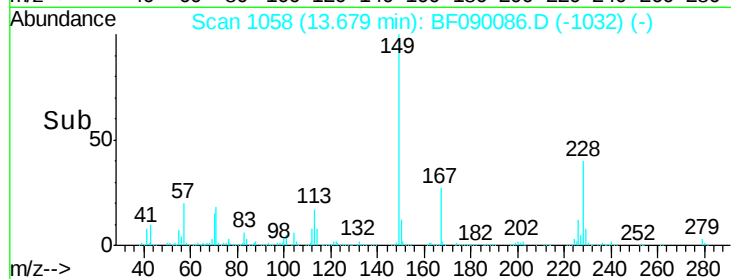
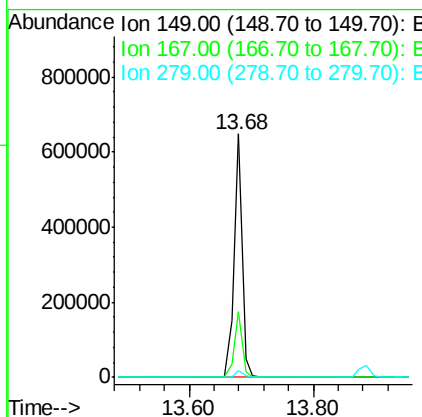
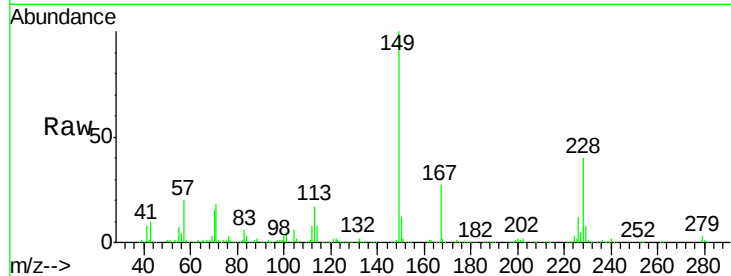
ClientSampleId :

PB93381BS

Tgt Ion:	149	Resp:	593705
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	3.0	2.2	3.2

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.55 ng

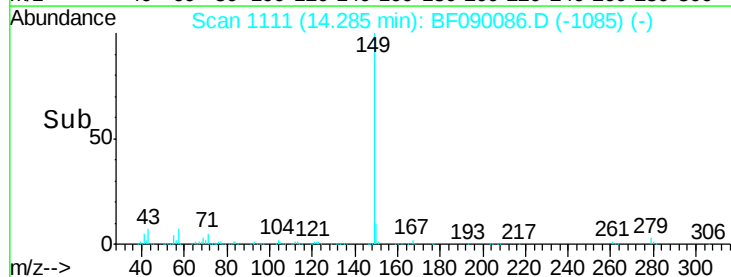
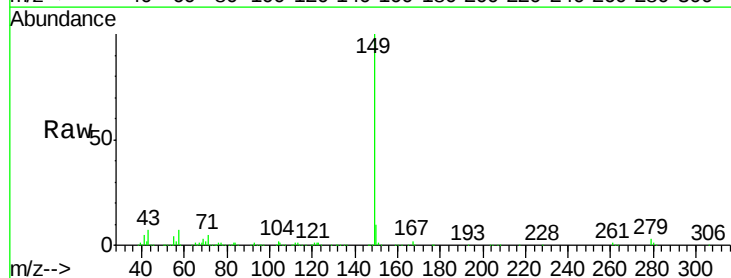
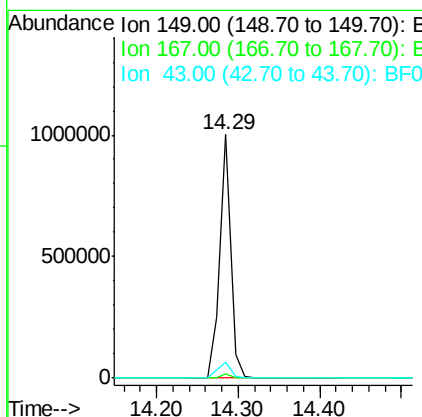
RT: 14.29 min Scan# 1111

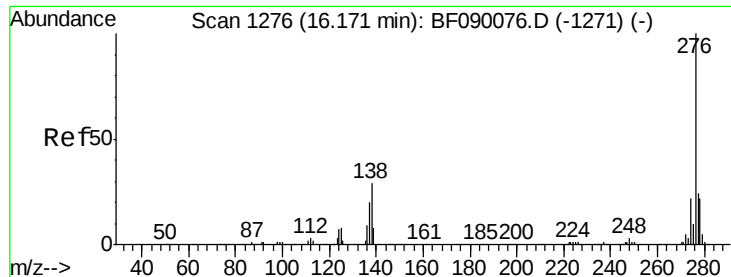
Delta R.T. 0.00 min

Lab File: BF090086.D

Acq: 15 Sep 2016 12:25

Tgt Ion:	149	Resp:	940908
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.8	6.8	10.2





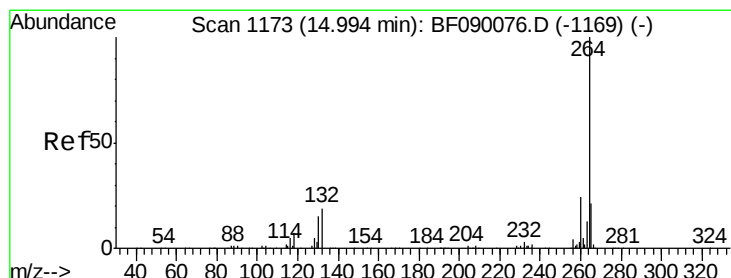
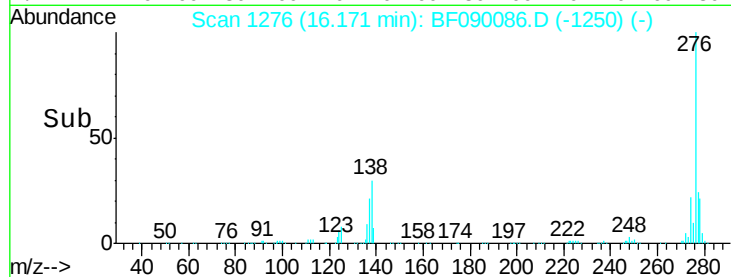
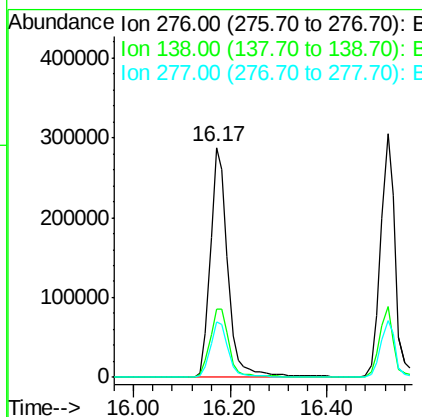
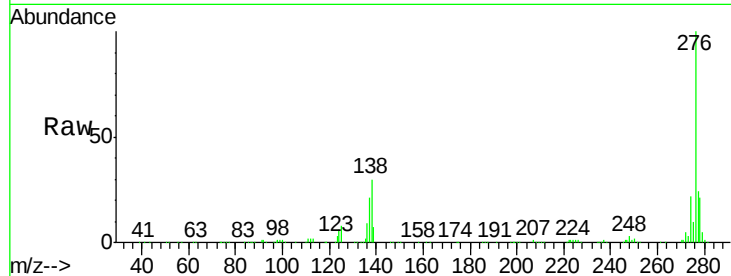
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.87 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	739792		
138	32.7	25.9	38.9	
277	25.1	19.9	29.9	

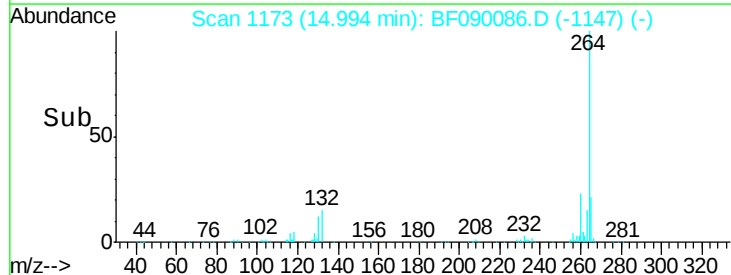
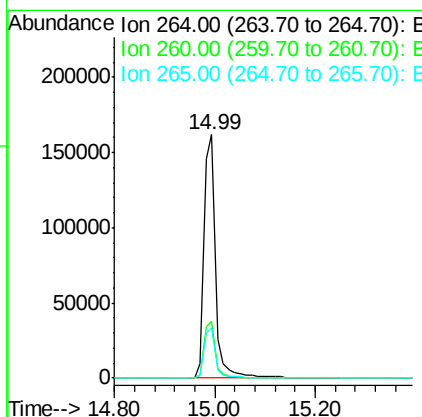
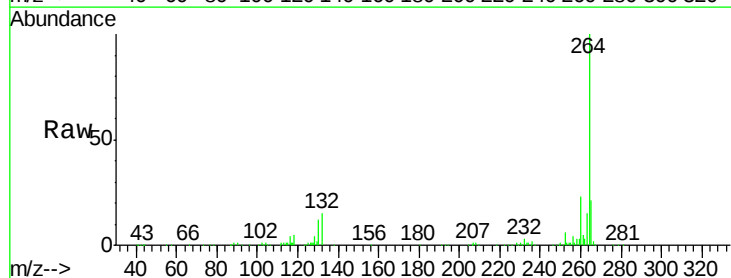
Manual Integrations
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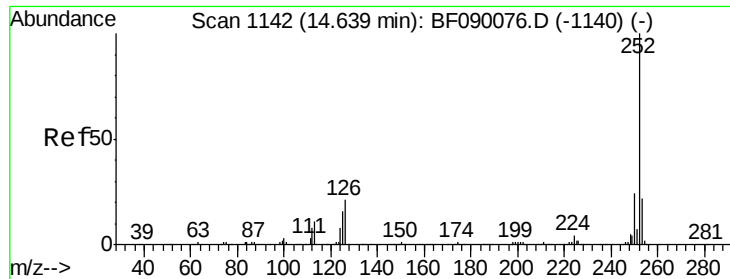
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	260029		
260	23.3	19.5	29.3	
265	20.7	17.0	25.4	





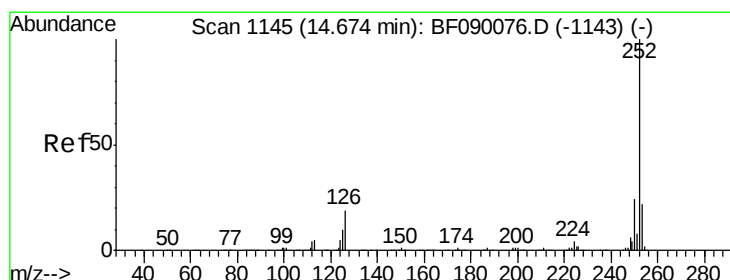
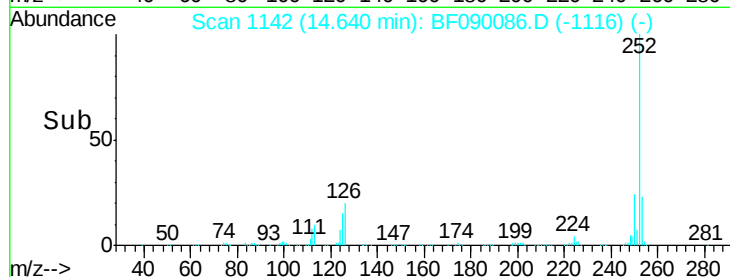
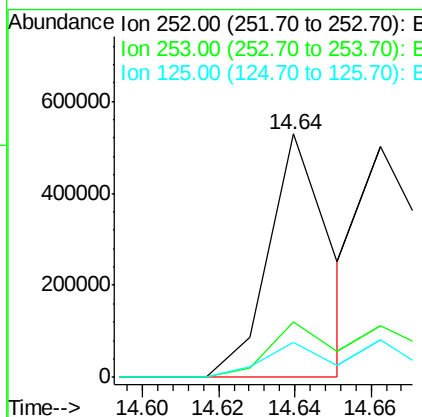
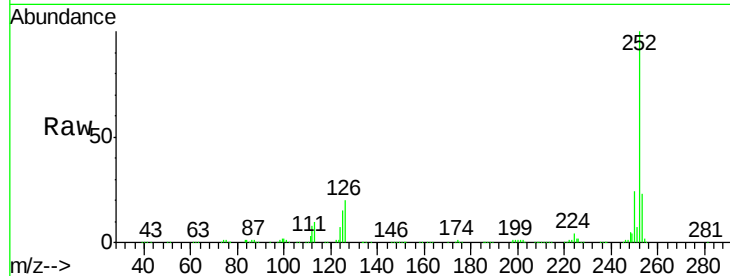
#87
Benzo(b)fluoranthene
Concen: 38.98 ng m
RT: 14.64 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.5	12.7	19.1

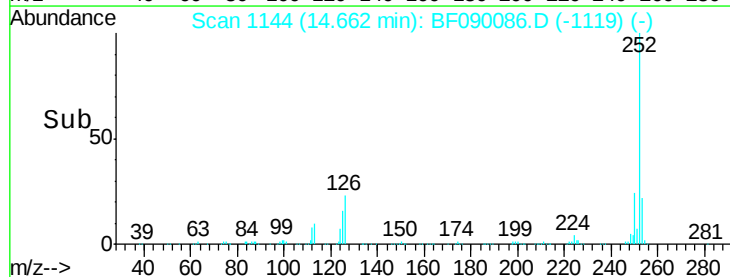
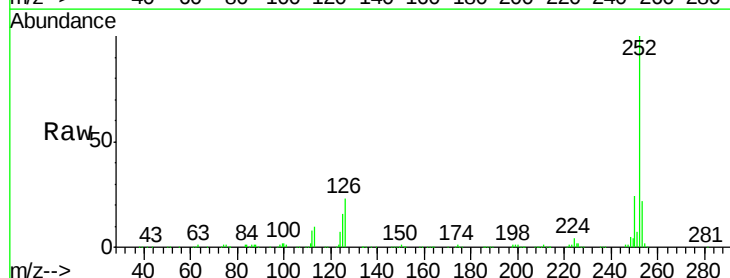
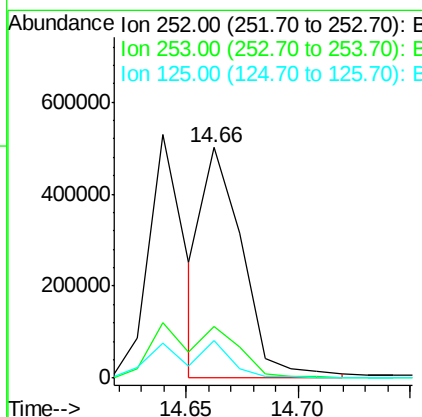
Manual Integrations
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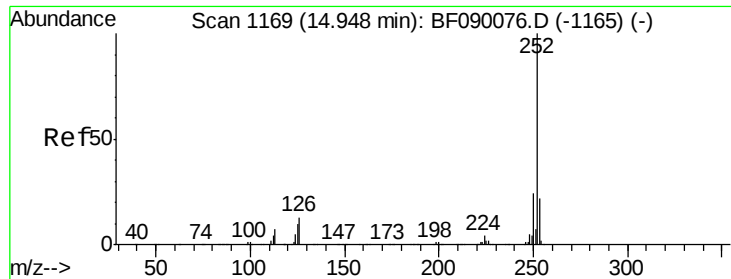
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#88
Benzo(k)fluoranthene
Concen: 45.31 ng m
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	16.0	7.8	11.6#





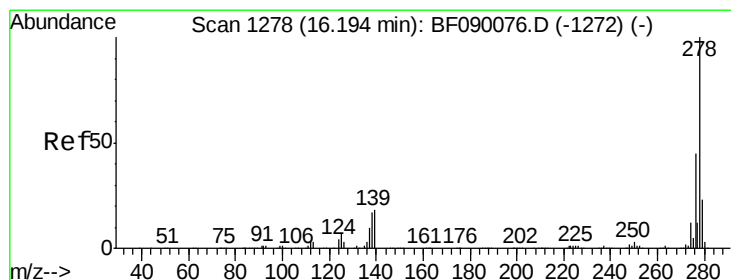
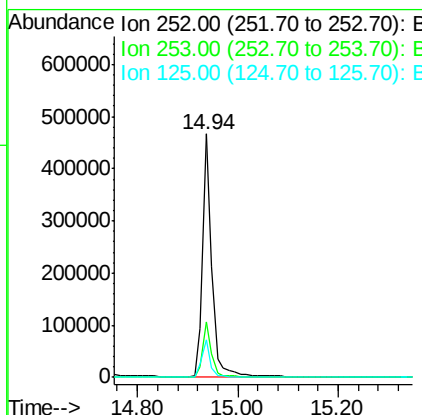
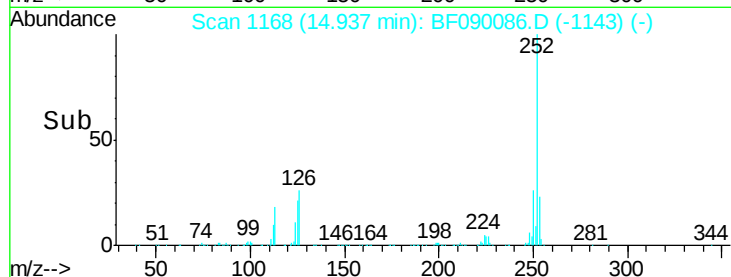
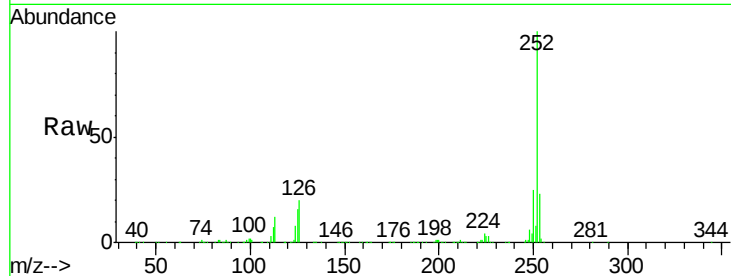
#89
Benzo(a)pyrene
Concen: 43.93 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Instrument :
BNA_F
ClientSampleId :
PB93381BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	15.7	7.7	11.5

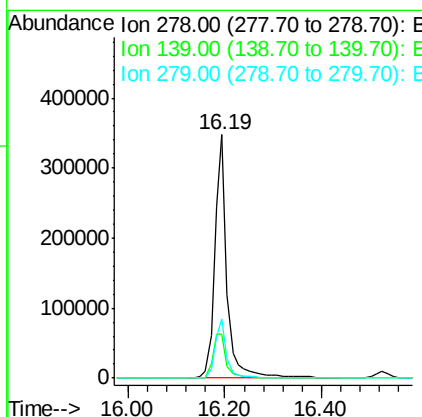
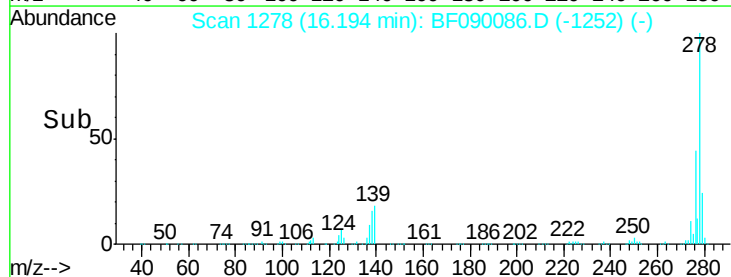
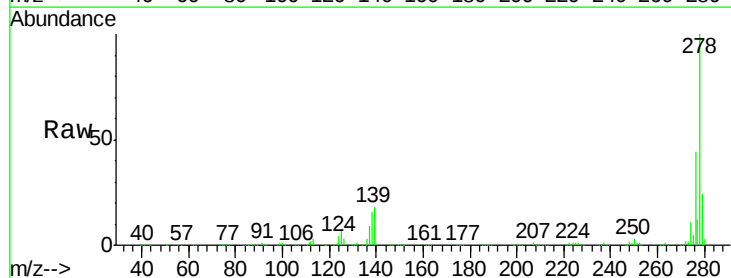
Manual Integrations
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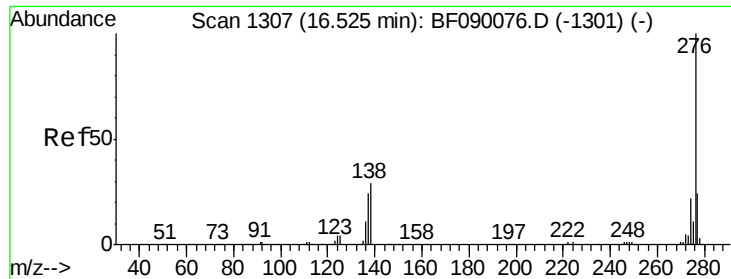
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#90
Dibenzo(a,h)anthracene
Concen: 58.16 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF090086.D
Acq: 15 Sep 2016 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	21.8
279	24.1	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 62.61 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF090086.D
 Acq: 15 Sep 2016 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BS

Tgt Ion:	276	Resp:	639681
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.9	28.3
138	29.1	23.3	34.9

Manual Integrations
 APPROVED

sohil
 9/16/2016 11:34:53 AM

