

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090085.D
 Acq On : 15 Sep 2016 11:56
 Operator : UM/SJ
 Sample : PB93355BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Manual Integrations
 APPROVED

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 9/15/2016 4:18:34 PM

Quant Time: Sep 15 12:59:54 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	138329	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	576051	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	267008	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	490259	20.00	ng	0.00
75) Chrysene-d12	13.67	240	328018	20.00	ng	0.00
86) Perylene-d12	14.99	264	282738	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1106858	128.69	ng	0.01
7) Phenol-d6	6.20	99	1323080	117.50	ng	0.00
23) Nitrobenzene-d5	7.12	82	795748	77.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	313016	116.71	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1422678	83.68	ng	0.00
78) Terphenyl-d14	12.63	244	1188182	86.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	154391	34.38	ng	98
3) Pyridine	2.65	79	408058	36.15	ng	99
4) n-Nitrosodimethylamine	2.60	42	142225	39.63	ng	91
6) Aniline	6.22	93	333047	23.83	ng	# 38
8) 2-Chlorophenol	6.33	128	410527	41.43	ng	94
9) Benzaldehyde	6.09	77	43175	7.19	ng	95
10) Phenol	6.22	94	550519	43.56	ng	# 75
11) bis(2-Chloroethyl)ether	6.30	93	410791	40.53	ng	97
12) 1,3-Dichlorobenzene	6.49	146	432173	42.40	ng	97
13) 1,4-Dichlorobenzene	6.57	146	440861	41.89	ng	97
14) 1,2-Dichlorobenzene	6.72	146	396290m	41.44	ng	
15) Benzyl Alcohol	6.71	79	300293	47.36	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	478567	39.84	ng	96
17) 2-Methylphenol	6.83	107	364938	45.03	ng	97
18) Hexachloroethane	7.06	117	153336	40.15	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	270048	38.59	ng	98
20) 3+4-Methylphenols	6.98	107	440733	46.47	ng	# 87
22) Acetophenone	6.97	105	520523	37.33	ng	# 98
24) Nitrobenzene	7.14	77	449047	41.61	ng	90
25) Isophorone	7.38	82	821183	38.28	ng	97
26) 2-Nitrophenol	7.46	139	230863	44.12	ng	# 89
27) 2,4-Dimethylphenol	7.52	122	384604	41.77	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	554771	44.09	ng	99
29) 2,4-Dichlorophenol	7.70	162	338640	41.64	ng	91
30) 1,2,4-Trichlorobenzene	7.78	180	325067	40.52	ng	99
31) Naphthalene	7.86	128	1275095	45.03	ng	99
32) Benzoic acid	7.63	122	100771	14.47	ng	97
33) 4-Chloroaniline	7.92	127	151084	12.54	ng	95
34) Hexachlorobutadiene	7.99	225	171322	41.70	ng	99
35) Caprolactam	8.28	113	127346m	46.89	ng	
36) 4-Chloro-3-methylphenol	8.41	107	376759	39.90	ng	98
37) 2-Methylnaphthalene	8.55	142	725382	41.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	266390	38.80	ng	100
40) Hexachlorocyclopentadiene	8.71	237	293033	82.13	ng	96

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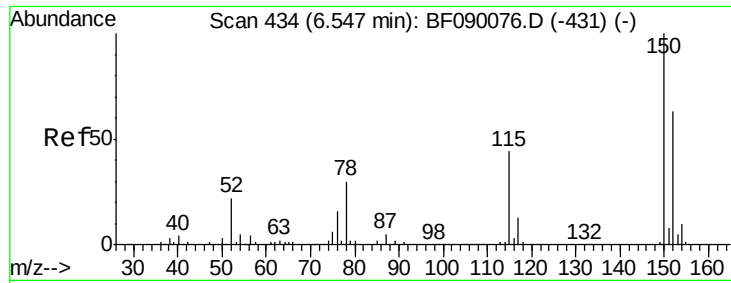
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	226209	45.46	ng	98
43) 2,4,5-Trichlorophenol	8.88	196	231104	43.17	ng	97
45) 1,1'-Biphenyl	9.02	154	834050	38.17	ng	98
46) 2-Chloronaphthalene	9.04	162	720960	44.53	ng	94
47) 2-Nitroaniline	9.14	65	222542	43.06	ng	# 82
48) Acenaphthylene	9.44	152	1111209	40.87	ng	99
49) Dimethylphthalate	9.32	163	795634	40.12	ng	98
50) 2,6-Dinitrotoluene	9.38	165	184809	41.70	ng	92
51) Acenaphthene	9.61	154	657570	43.30	ng	99
52) 3-Nitroaniline	9.54	138	119799	22.22	ng	84
53) 2,4-Dinitrophenol	9.66	184	133802	55.53	ng	# 90
54) Dibenzofuran	9.79	168	989130	47.10	ng	97
55) 4-Nitrophenol	9.72	139	293544	77.36	ng	88
56) 2,4-Dinitrotoluene	9.78	165	233668	43.25	ng	93
57) Fluorene	10.12	166	658032	42.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	185466	45.43	ng	98
59) Diethylphthalate	10.02	149	799815	41.66	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	280531	45.32	ng	96
61) 4-Nitroaniline	10.16	138	223513	40.95	ng	88
62) Azobenzene	10.28	77	955053	47.40	ng	97
64) 4,6-Dinitro-2-methylphenol	10.18	198	99807	30.60	ng	# 45
65) n-Nitrosodiphenylamine	10.25	169	705977	45.45	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	209687	44.37	ng	# 92
67) Hexachlorobenzene	10.67	284	239563	43.02	ng	# 86
68) Atrazine	10.78	200	200315	43.40	ng	96
69) Pentachlorophenol	10.87	266	244892	75.06	ng	98
70) Phenanthrene	11.07	178	968194	40.87	ng	99
71) Anthracene	11.13	178	1196071	46.24	ng	99
72) Carbazole	11.29	167	1169711	44.08	ng	98
73) Di-n-butylphthalate	11.63	149	1222977	41.10	ng	100
74) Fluoranthene	12.25	202	1088982	43.87	ng	98
76) Benzidine	12.39	184	420401	31.42	ng	96
77) Pyrene	12.47	202	1086464	45.38	ng	98
79) Butylbenzylphthalate	13.11	149	531950	44.62	ng	# 71
80) Benzo(a)anthracene	13.66	228	843544	44.05	ng	99
81) 3,3'-Dichlorobenzidine	13.62	252	131798	16.42	ng	# 97
82) Chrysene	13.69	228	837660	44.93	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	639412	43.36	ng	100
84) Di-n-octyl phthalate	14.29	149	1024827	38.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.17	276	728823	46.70	ng	99
87) Benzo(b)fluoranthene	14.64	252	655914m	39.57	ng	
88) Benzo(k)fluoranthene	14.66	252	664686m	44.54	ng	
89) Benzo(a)pyrene	14.94	252	658692	44.31	ng	# 94
90) Dibenzo(a,h)anthracene	16.19	278	619725	53.24	ng	99
91) Benzo(g,h,i)perylene	16.53	276	628409	56.57	ng	99

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



#1

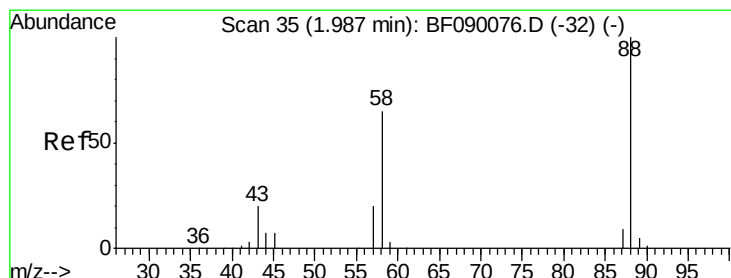
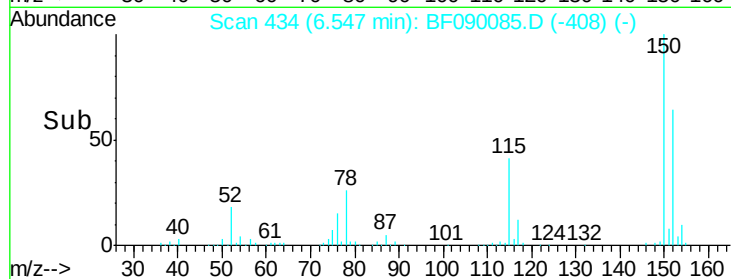
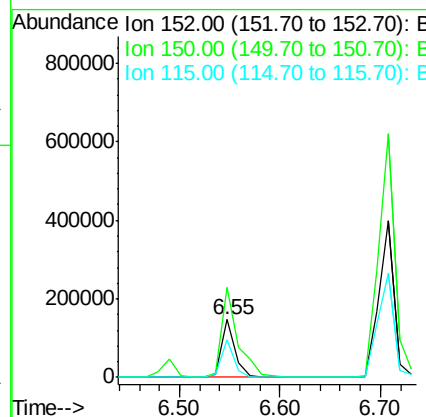
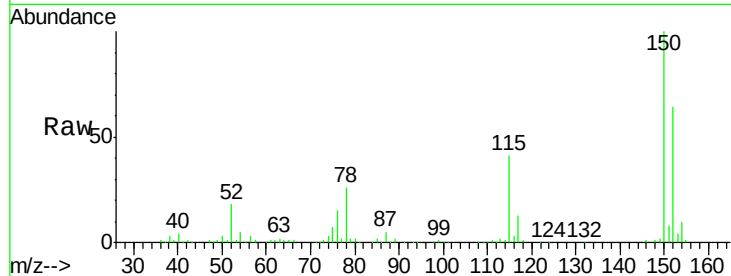
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.9	193.3
115	64.1	55.5	83.3

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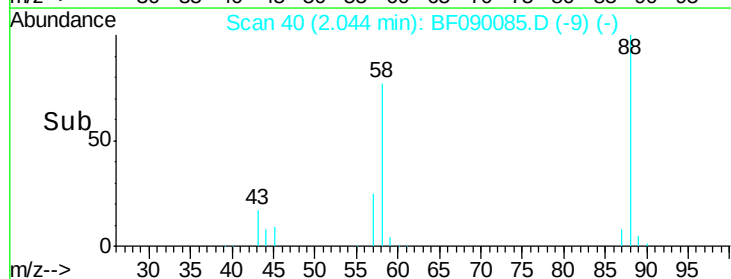
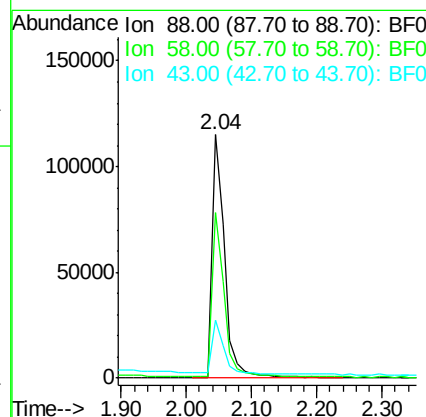
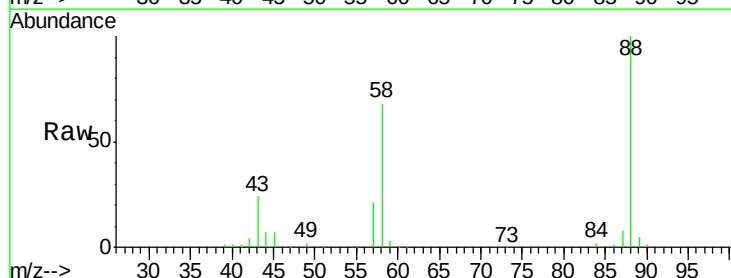
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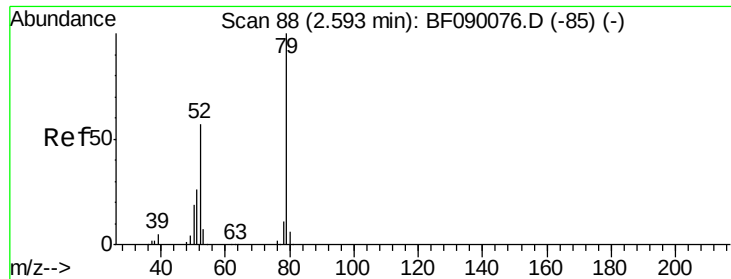


#2

1,4-Dioxane
Concen: 34.38 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.06 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	53.4	80.0
43	20.1	16.5	24.7





#3

Pyridine

Concen: 36.15 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

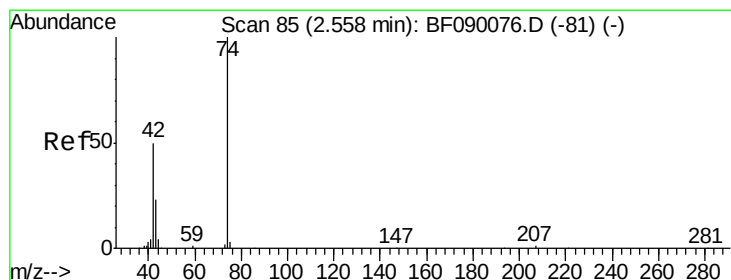
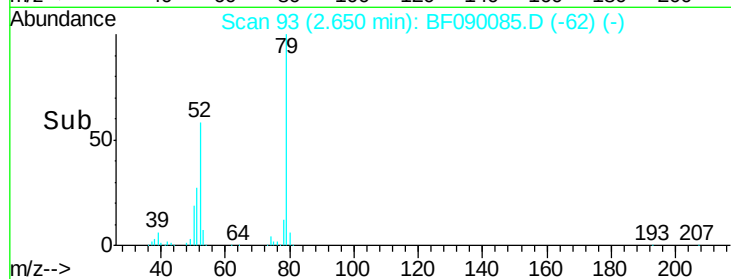
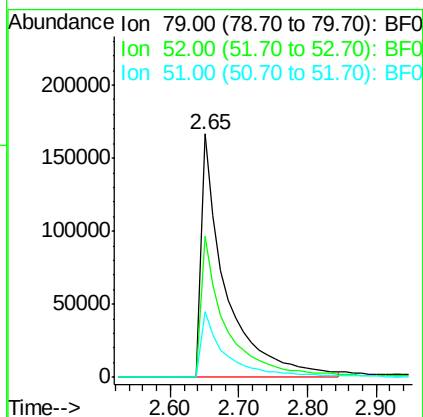
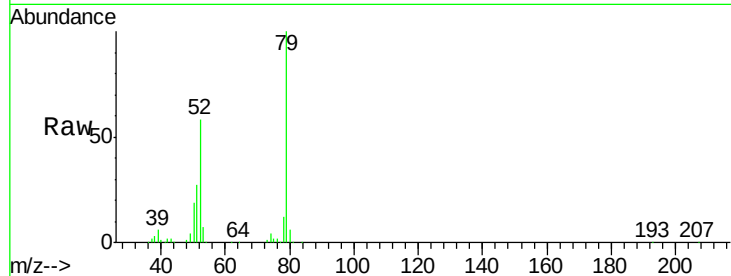
ClientSampleId :

PB93355BS

Tgt Ion:	79	Resp:	408058
Ion	Ratio	Lower	Upper
79	100		
52	58.2	45.9	68.9
51	26.9	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 39.63 ng

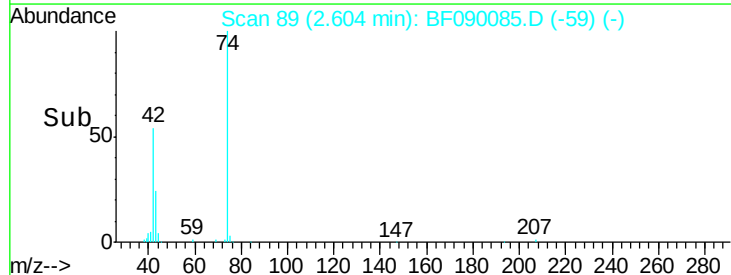
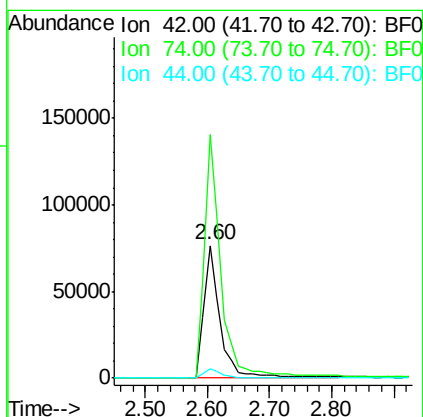
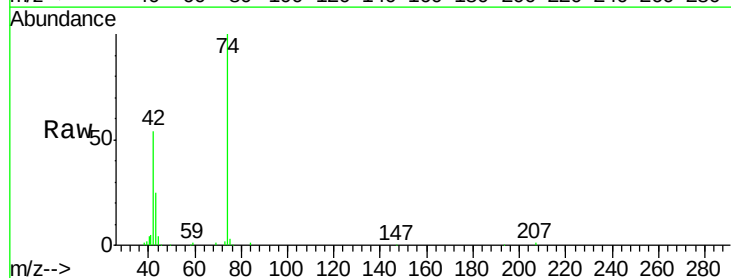
RT: 2.60 min Scan# 89

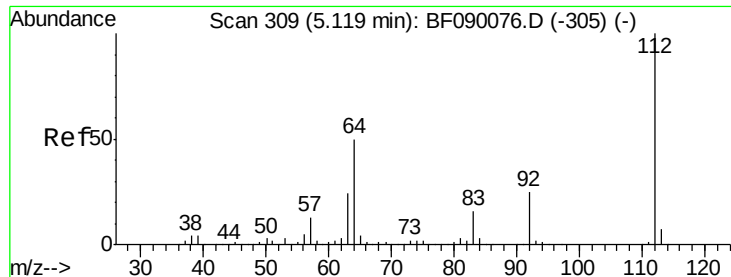
Delta R.T. 0.05 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	42	Resp:	142225
Ion	Ratio	Lower	Upper
42	100		
74	183.9	158.7	238.1
44	7.3	6.4	9.6





#5

2-Fluorophenol

Concen: 128.69 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

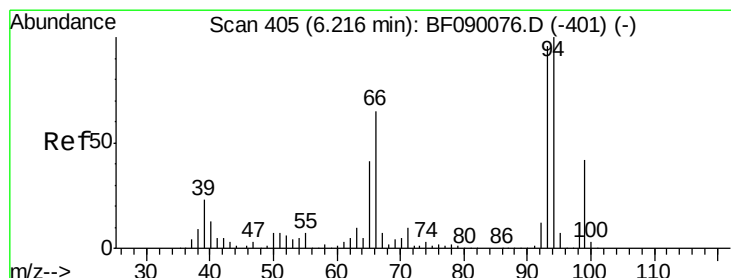
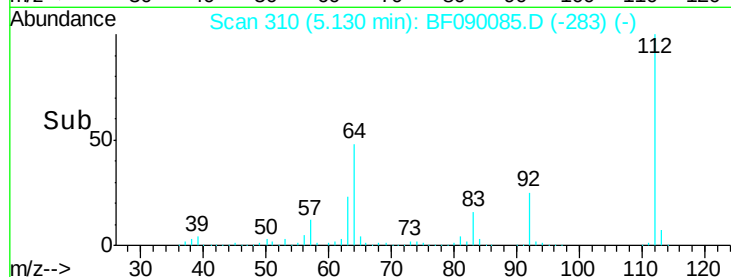
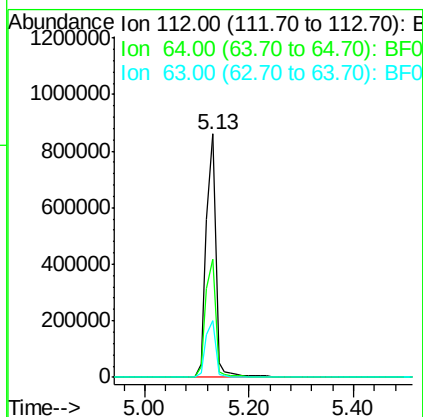
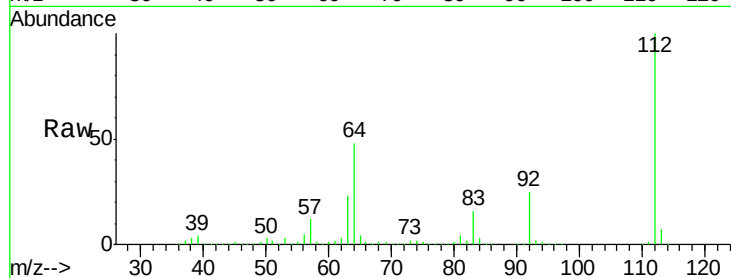
ClientSampled :

PB93355BS

Tgt Ion:	112	Resp:	1106858
Ion Ratio	Lower	Upper	
112	100		
64	48.3	39.8	59.6
63	23.4	18.9	28.3

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#6

Aniline

Concen: 23.83 ng

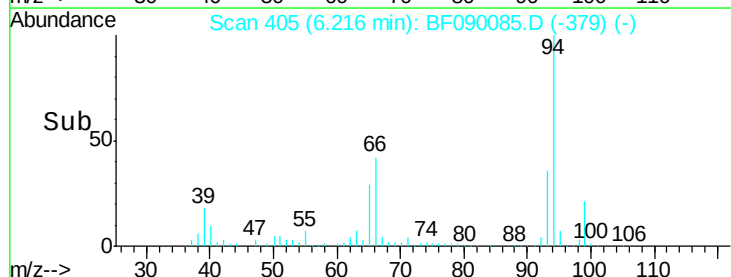
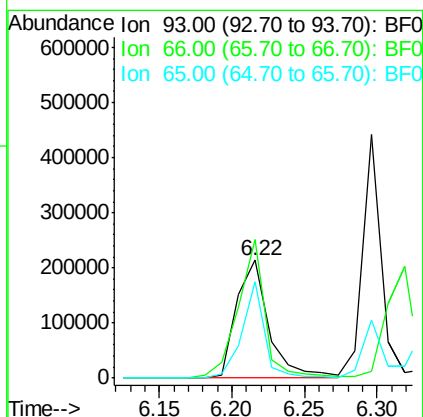
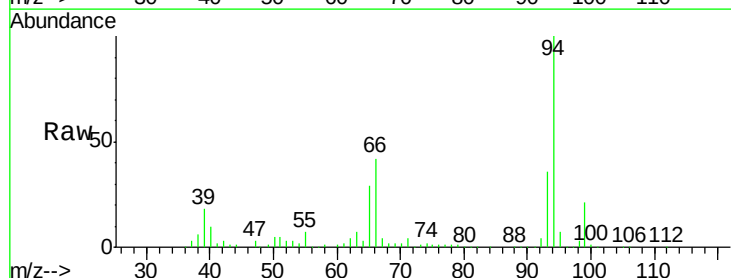
RT: 6.22 min Scan# 405

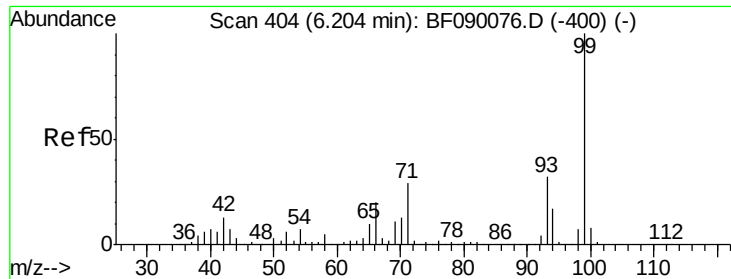
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	93	Resp:	333047
Ion Ratio	Lower	Upper	
93	100		
66	117.9	54.2	81.2#
65	81.8	33.8	50.6#





#7

Phenol-d6

Concen: 117.50 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampled :

PB93355BS

Tgt Ion: 99 Resp: 1323080

Ion Ratio Lower Upper

99 100

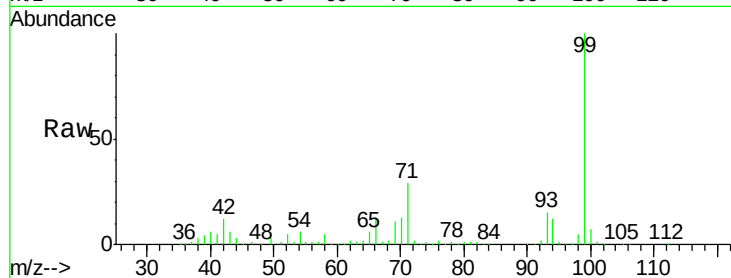
42 12.3 10.6 15.8

71 28.8 23.0 34.6

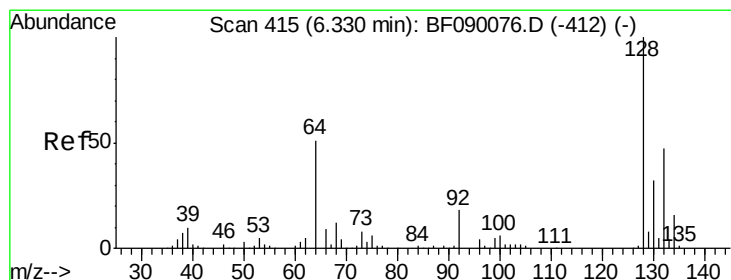
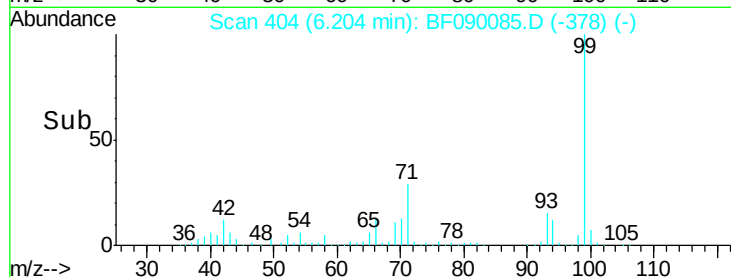
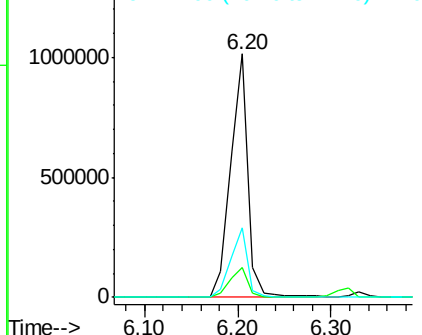
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.43 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

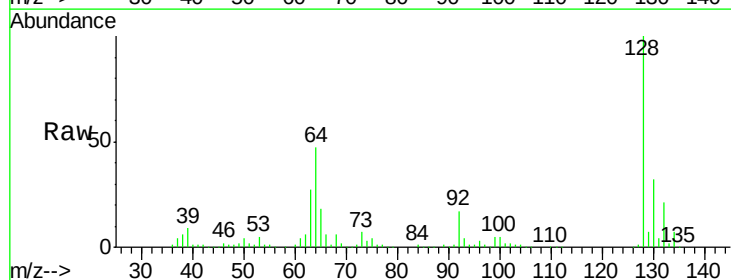
Tgt Ion: 128 Resp: 410527

Ion Ratio Lower Upper

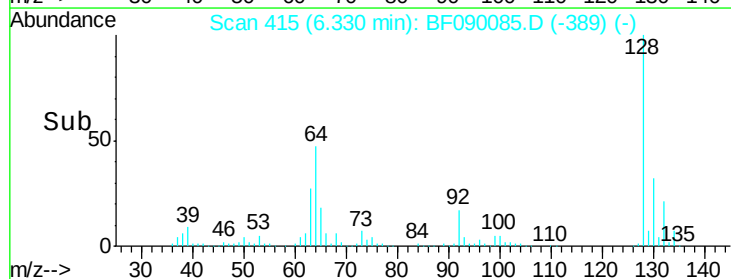
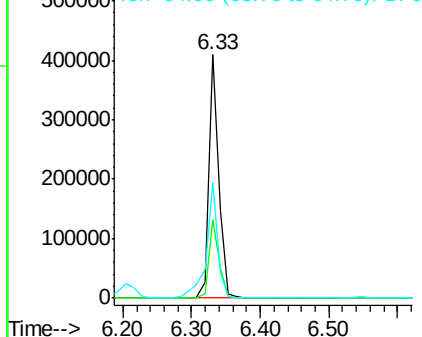
128 100

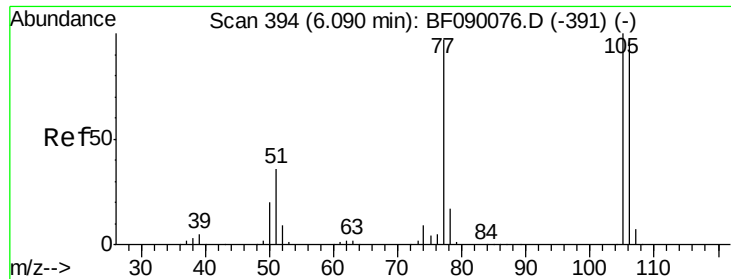
130 32.4 12.0 52.0

64 47.3 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: 7.19 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

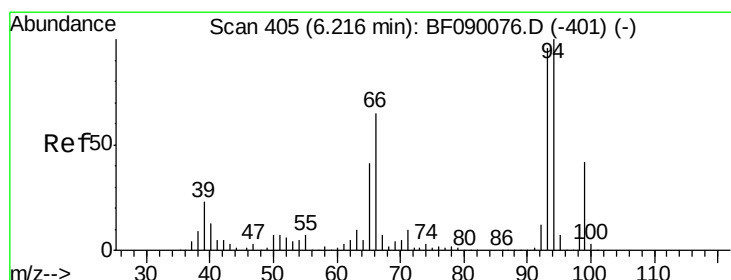
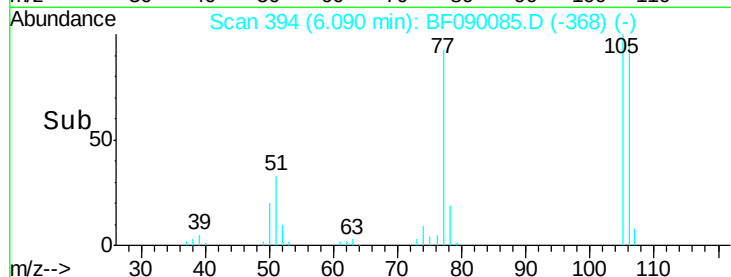
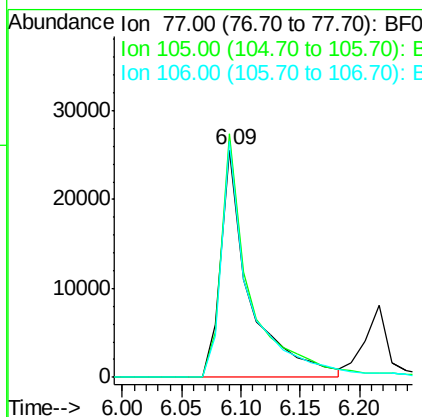
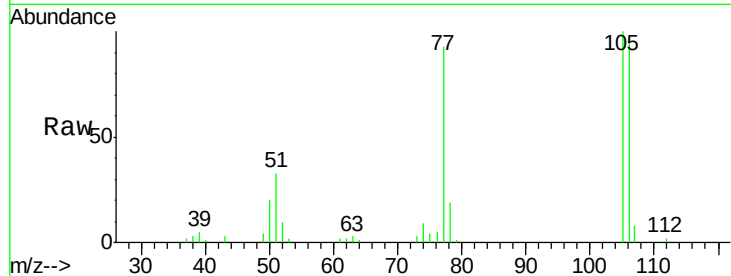
ClientSampleId :

PB93355BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.2	83.0	123.0
106	103.8	78.5	118.5

Manual Integrations
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#10

Phenol

Concen: 43.56 ng

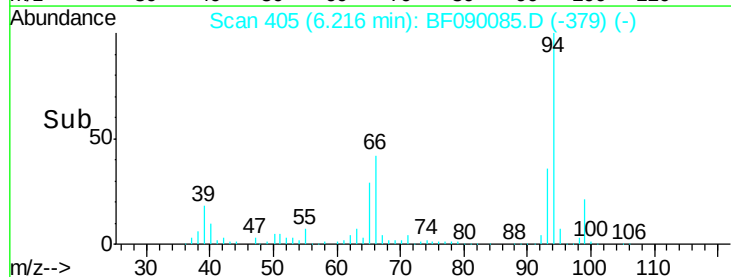
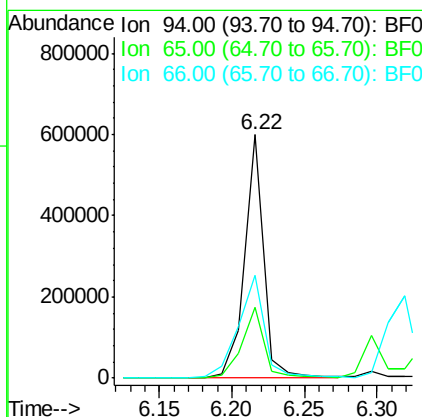
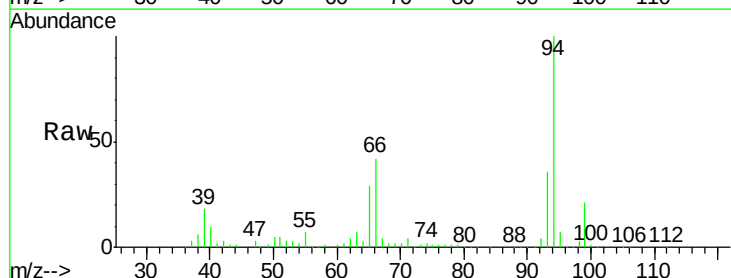
RT: 6.22 min Scan# 405

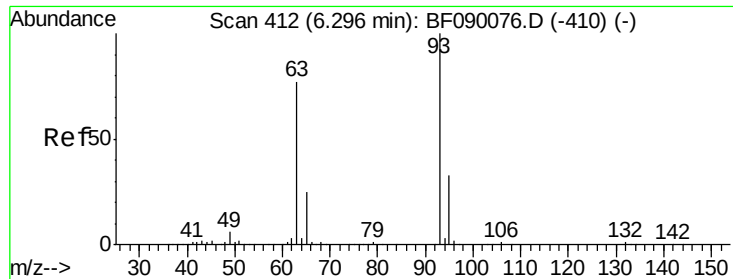
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	20.6	60.6
66	42.1	45.1	85.1





#11

bis(2-Chloroethyl)ether

Concen: 40.53 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

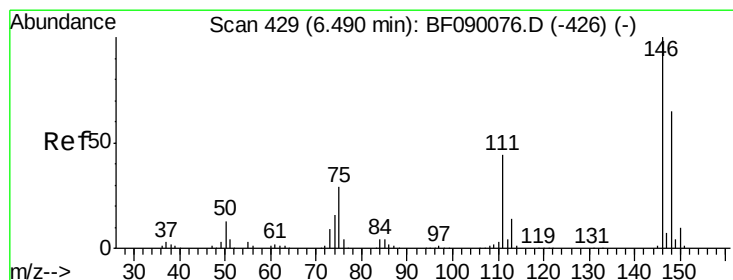
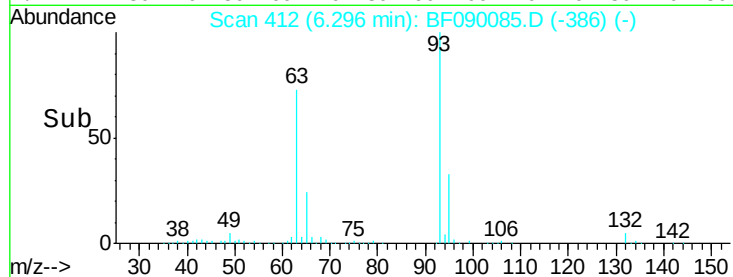
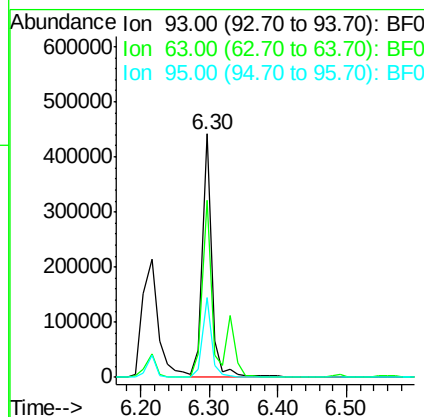
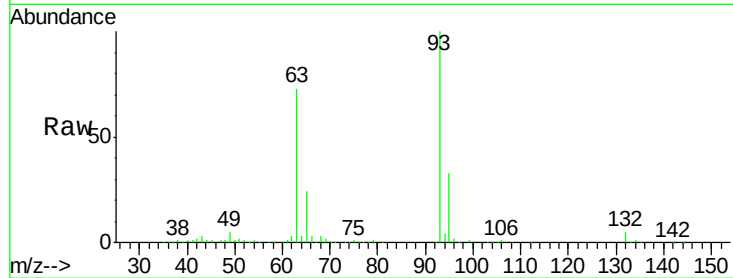
ClientSampled :

PB93355BS

Tgt Ion:	93	Resp:	410791
Ion Ratio	Lower	Upper	
93	100		
63	72.5	55.6	95.6
95	32.7	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 42.40 ng

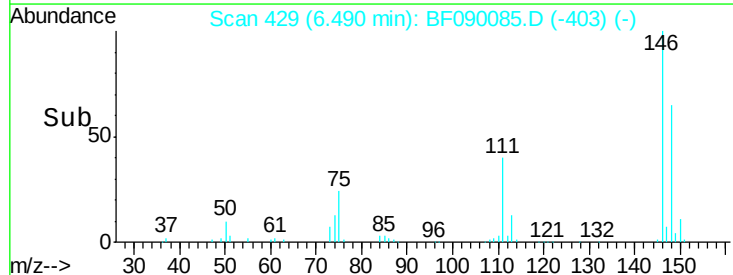
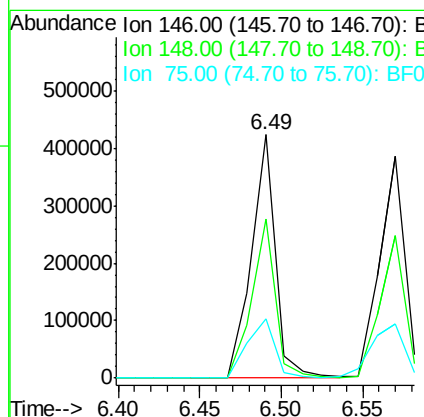
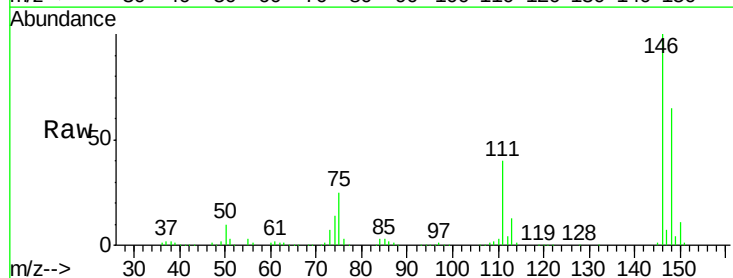
RT: 6.49 min Scan# 429

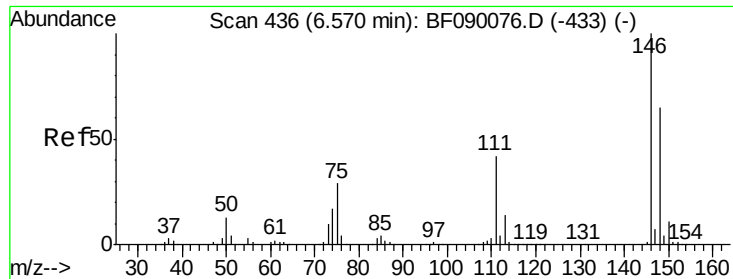
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	146	Resp:	432173
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.9	77.9
75	24.5	22.8	34.2





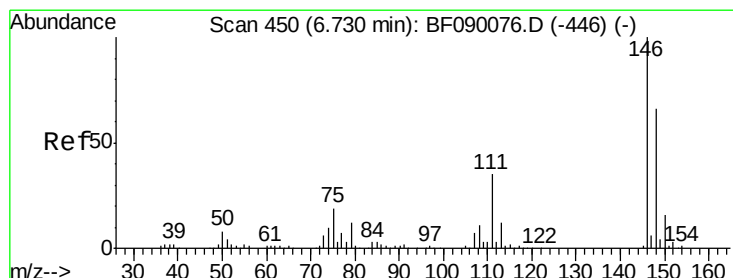
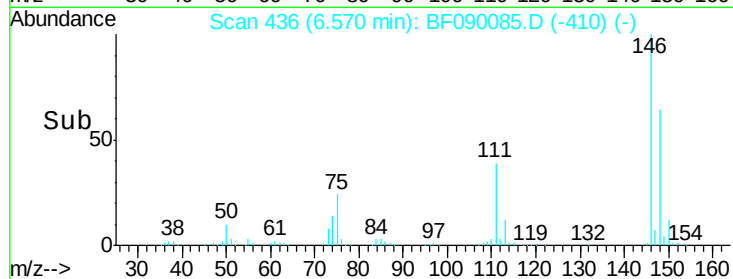
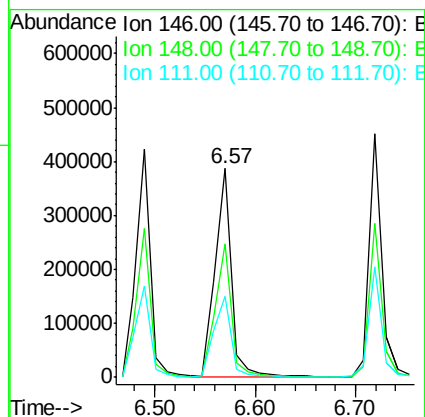
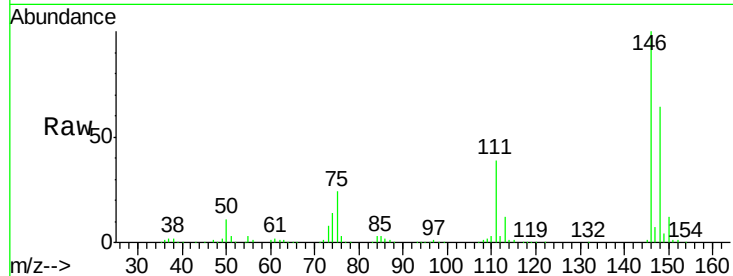
#13
 1,4-Dichlorobenzene
 Concen: 41.89 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	38.6	33.8	50.6

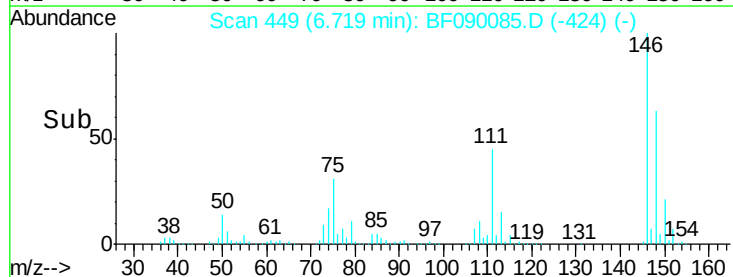
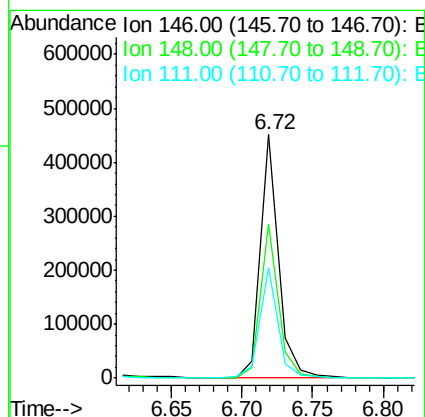
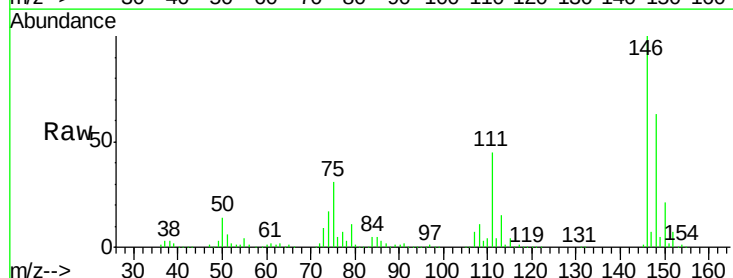
Manual Integrations
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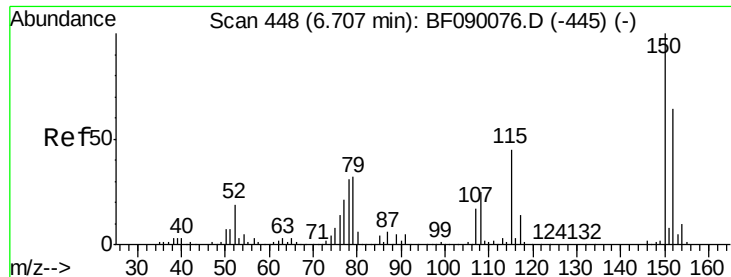
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#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng m
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.6	79.0
111	45.4	28.2	42.2





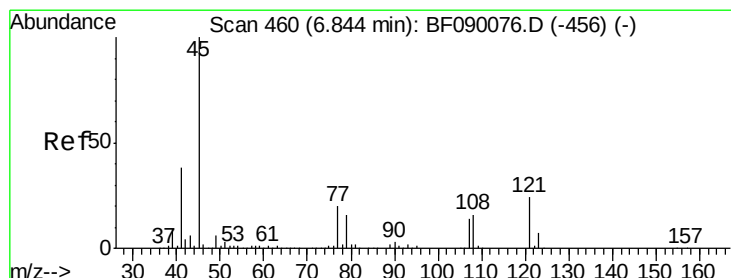
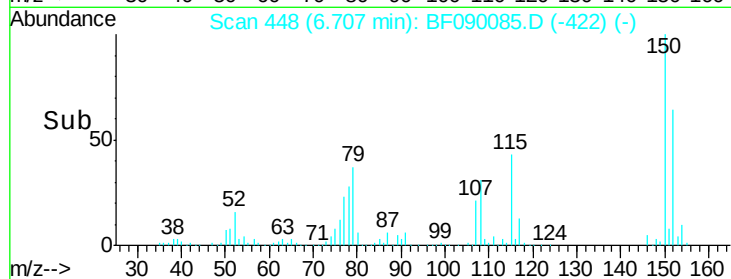
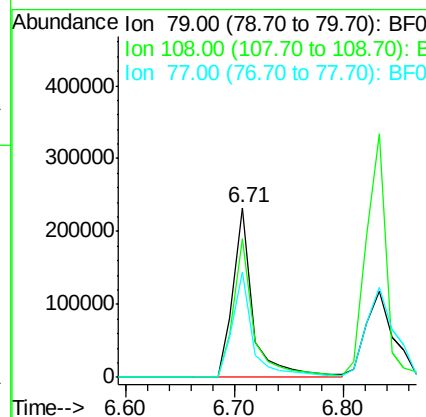
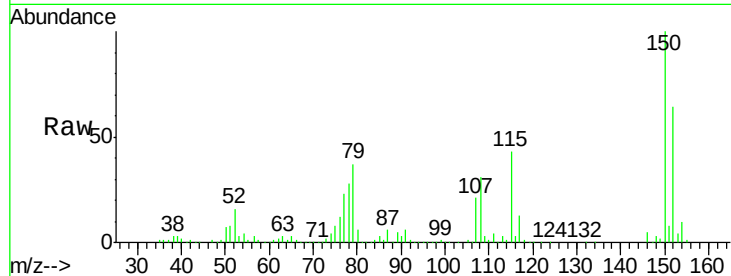
#15
Benzyl Alcohol
Concen: 47.36 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampled :
PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	300293		
108	81.8	62.2	93.4	
77	62.4	51.4	77.0	

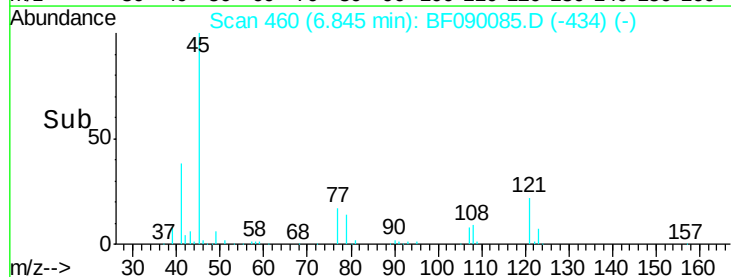
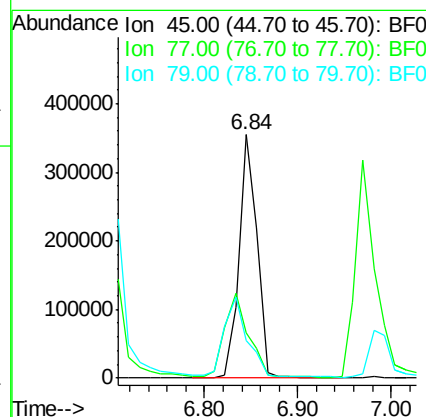
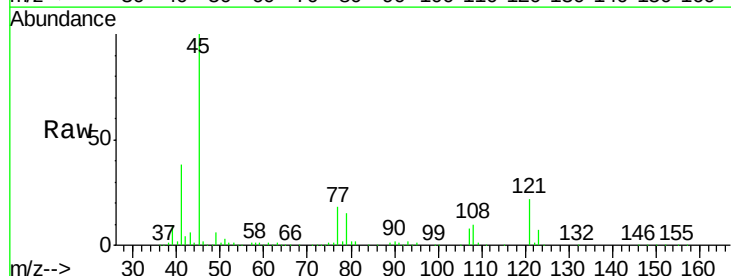
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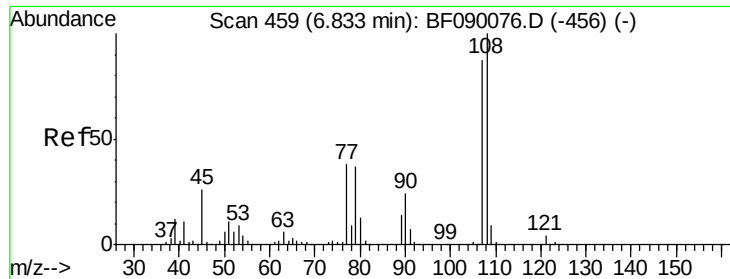
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.84 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	478567		
77	18.5	0.5	40.5	
79	15.3	0.0	37.0	





#17

2-Methylphenol

Concen: 45.03 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

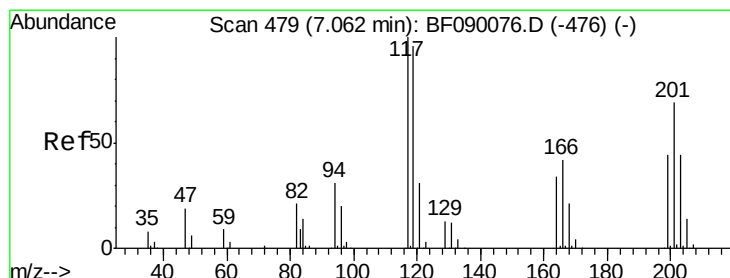
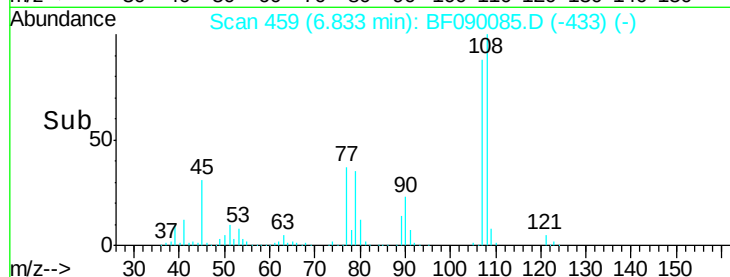
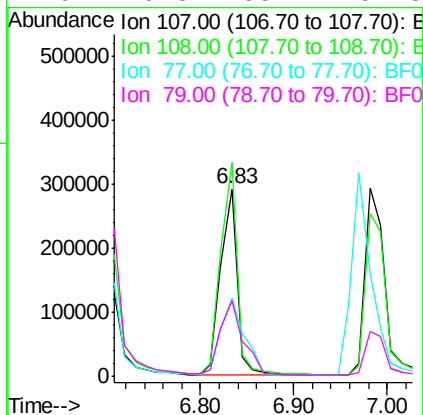
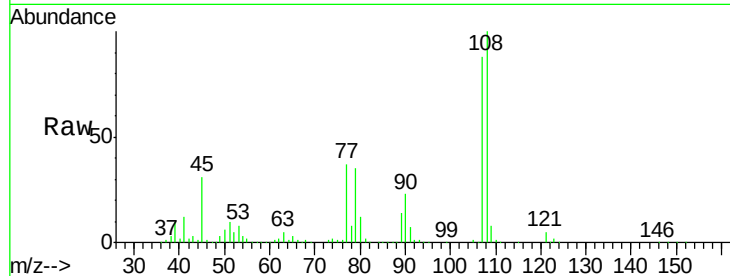
ClientSampled :

PB93355BS

Tgt Ion:	107	Resp:	364938
Ion Ratio	Lower	Upper	
107	100		
108	113.9	92.0	138.0
77	41.9	35.6	53.4
79	40.3	35.2	52.8

Manual Integrations
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#18

Hexachloroethane

Concen: 40.15 ng

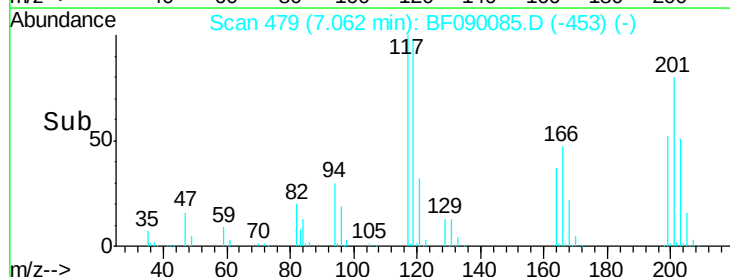
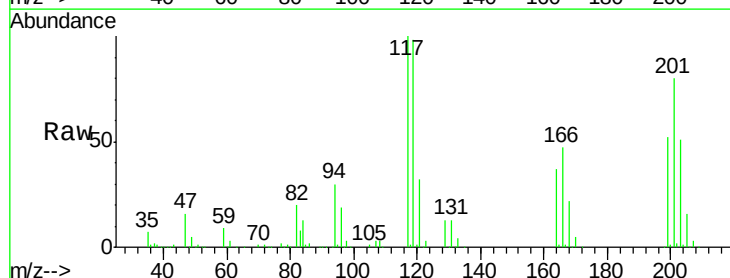
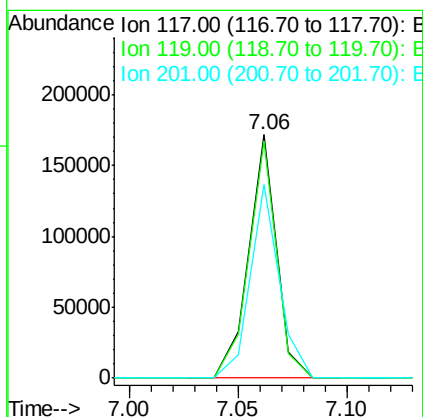
RT: 7.06 min Scan# 479

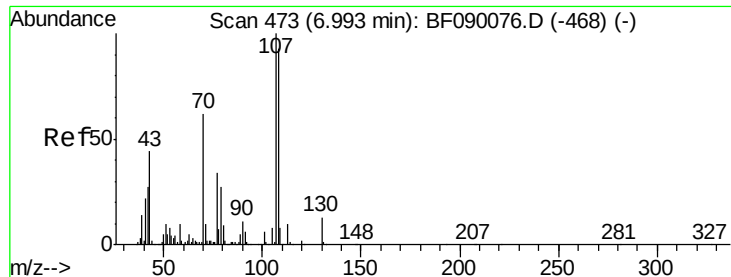
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	117	Resp:	153336
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.6	115.0
201	79.7	55.5	83.3





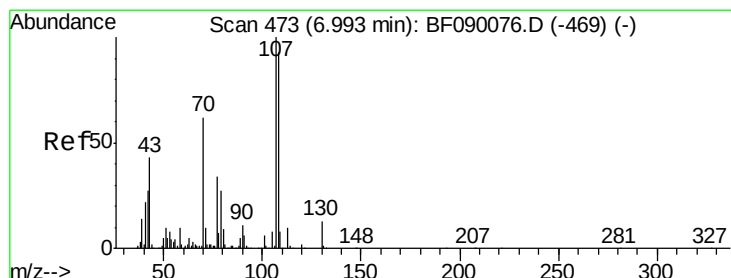
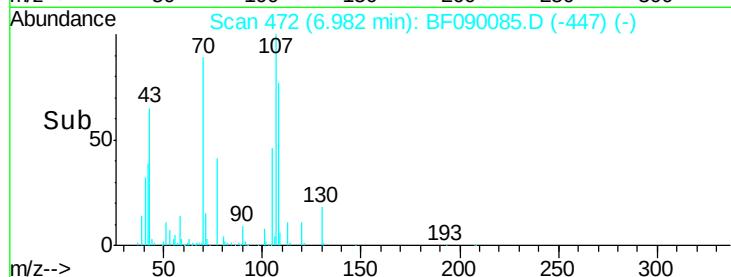
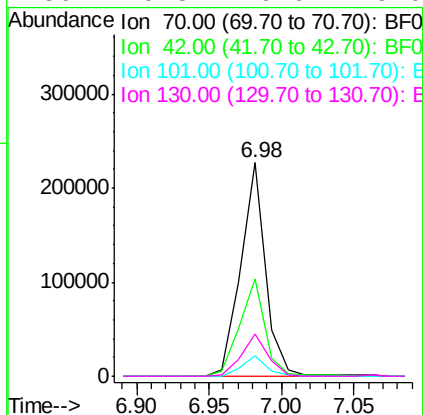
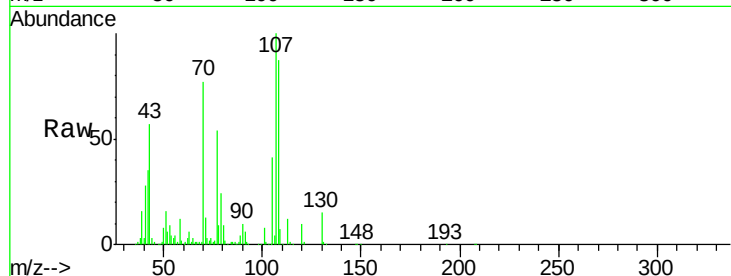
#19
n-Nitroso-di-n-propylamine
Concen: 38.59 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	35.1	52.7
101	9.8	7.5	11.3
130	19.8	16.6	25.0

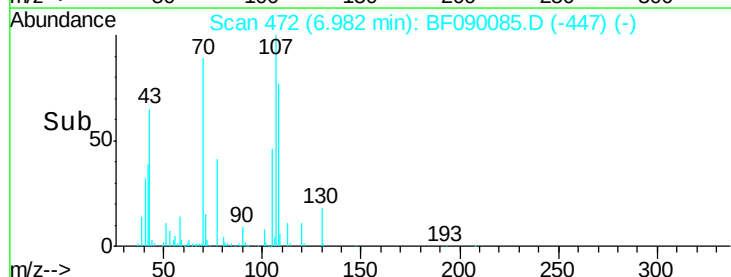
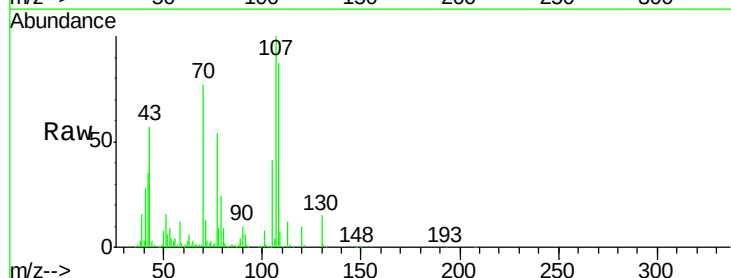
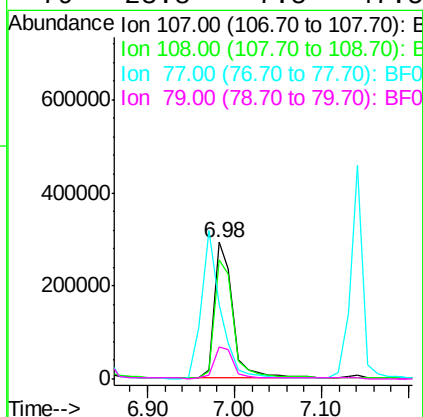
Manual Integrations
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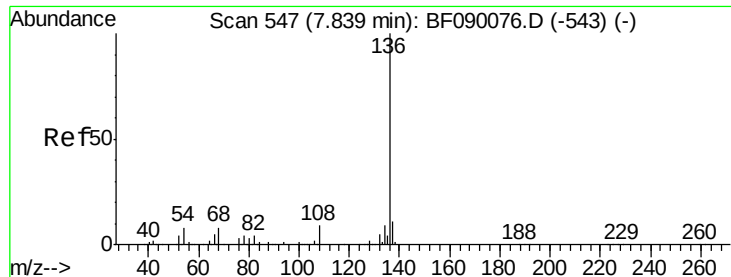
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#20
3+4-Methylphenols
Concen: 46.47 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.3	113.3
77	54.3	14.1	54.1#
79	23.8	7.5	47.5





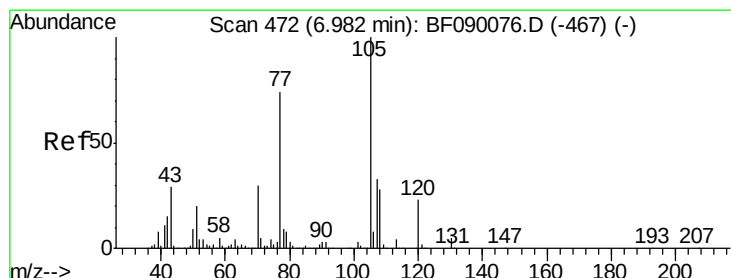
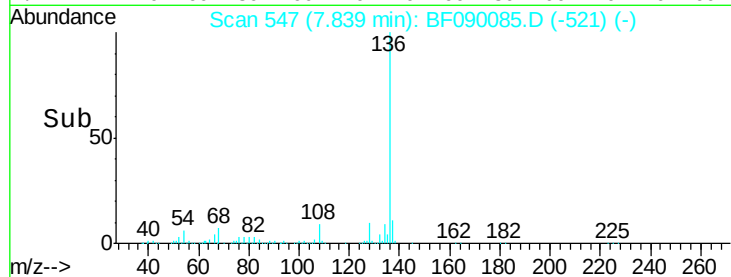
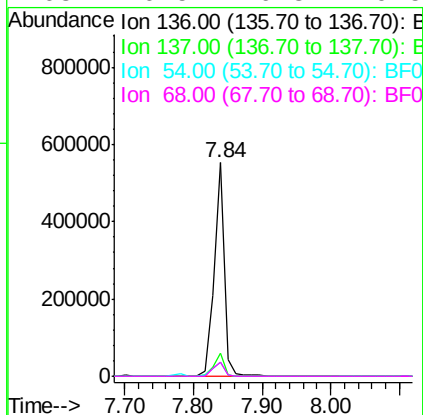
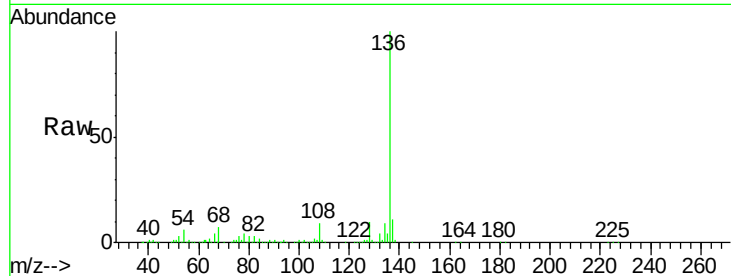
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

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

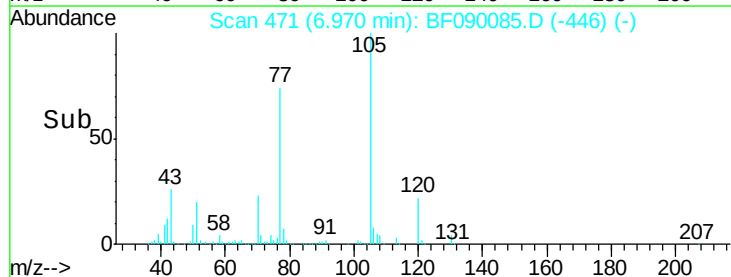
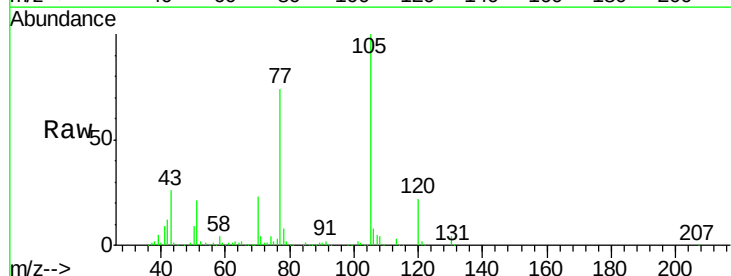
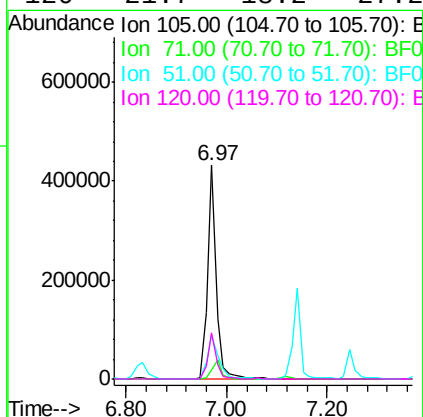
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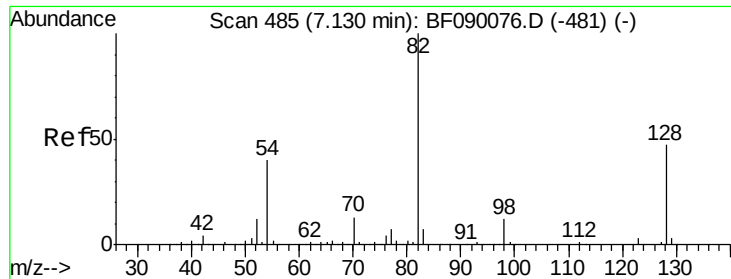
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#22
Acetophenone
Concen: 37.33 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.0	4.1	6.1#
51	20.6	16.2	24.2
120	21.7	18.2	27.2





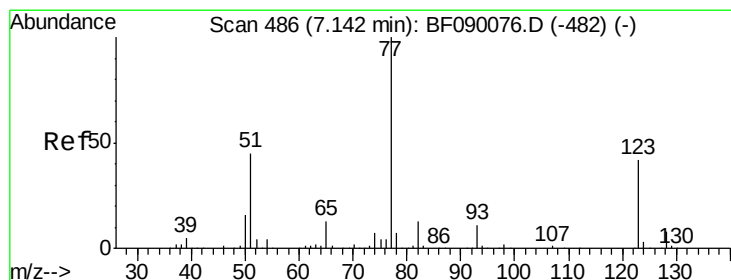
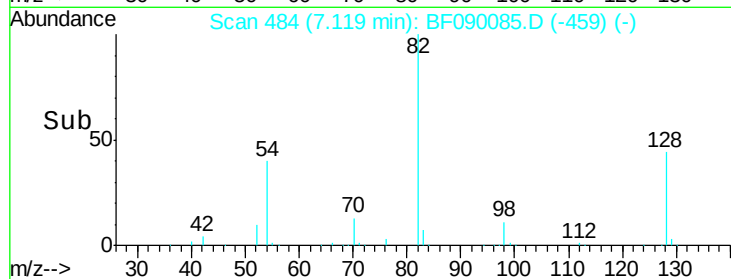
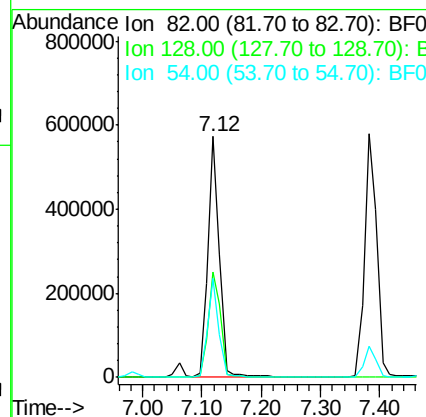
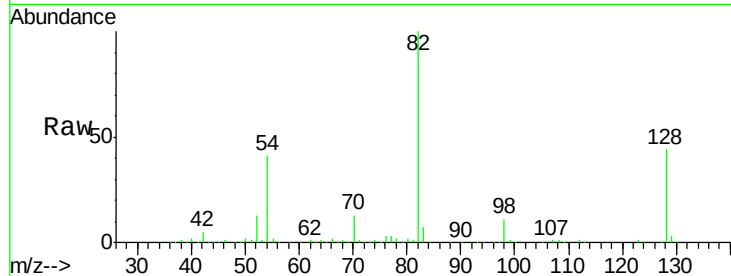
#23
 Nitrobenzene-d5
 Concen: 77.67 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	795748		
128	44.0	37.5	56.3	
54	41.2	31.9	47.9	

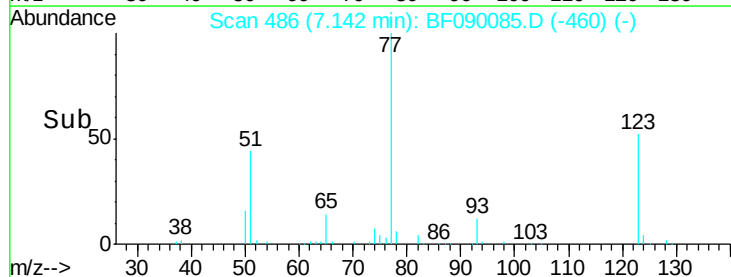
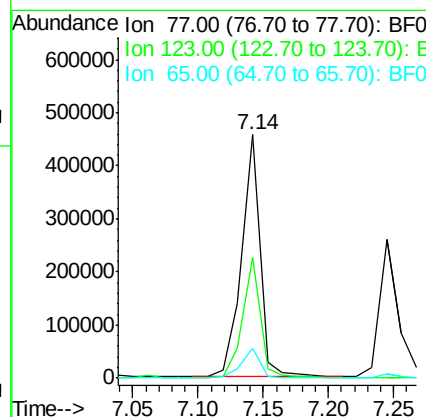
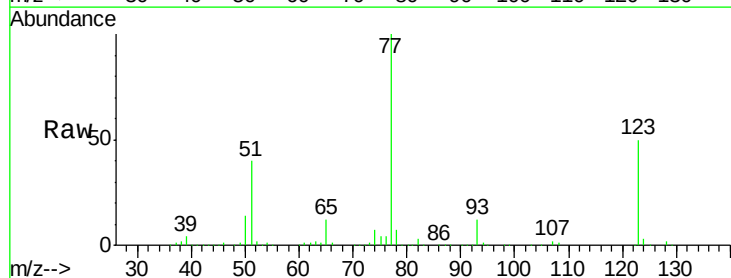
Manual Integrations
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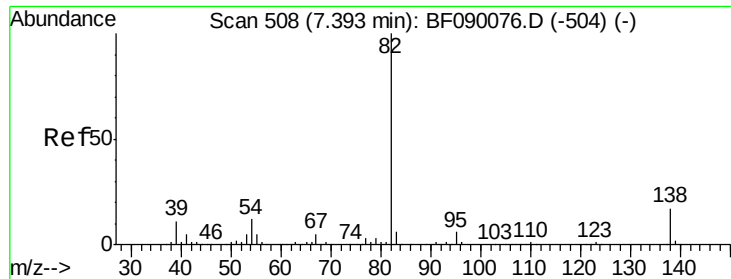
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#24
 Nitrobenzene
 Concen: 41.61 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	449047		
123	49.6	33.4	50.2	
65	12.1	10.1	15.1	





#25

Isophorone

Concen: 38.28 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

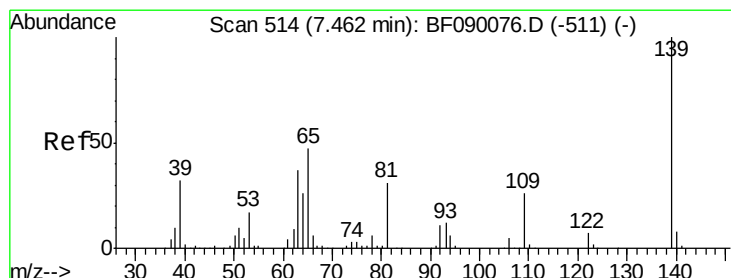
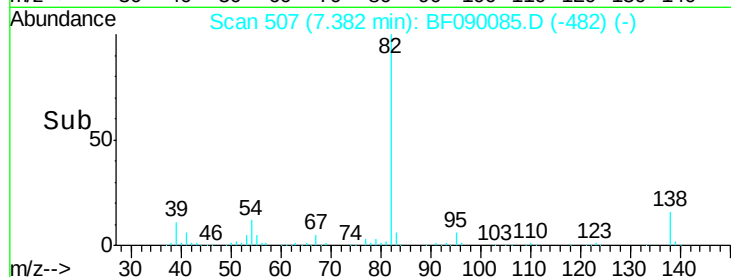
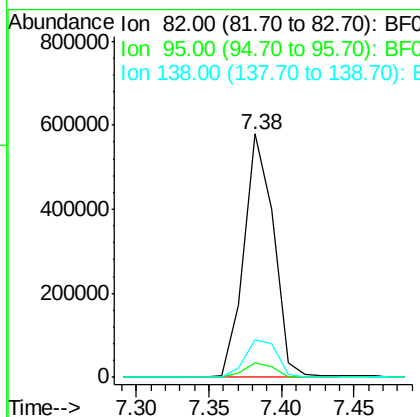
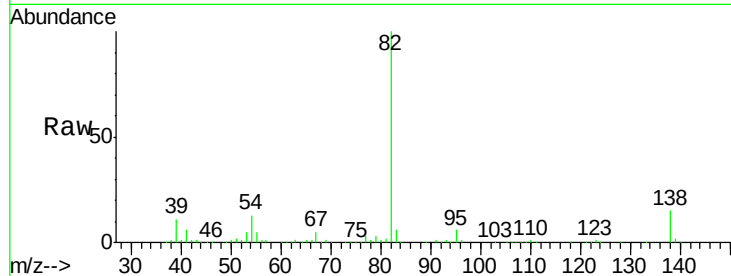
ClientSampleId :

PB93355BS

Tgt Ion:	82	Resp:	821183
Ion Ratio	Lower	Upper	
82	100		
95	6.0	5.1	7.7
138	15.3	13.5	20.3

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#26

2-Nitrophenol

Concen: 44.12 ng

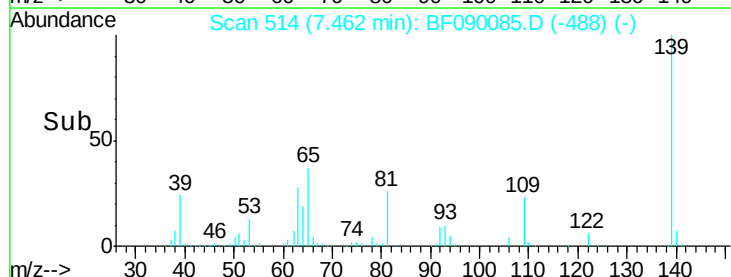
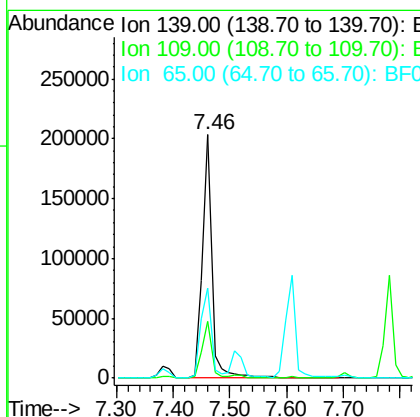
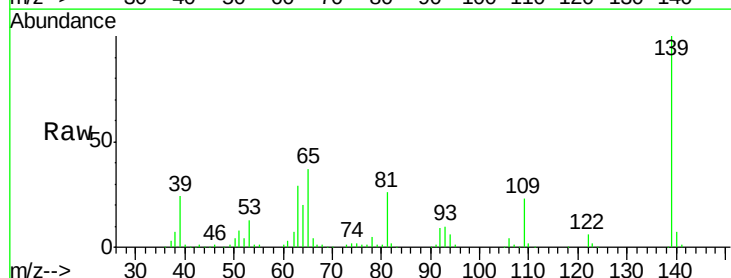
RT: 7.46 min Scan# 514

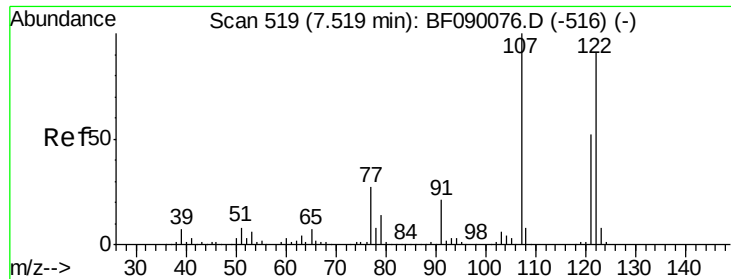
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	139	Resp:	230863
Ion Ratio	Lower	Upper	
139	100		
109	23.5	20.5	30.7
65	37.2	37.9	56.9#





#27

2,4-Dimethylphenol

Concen: 41.77 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

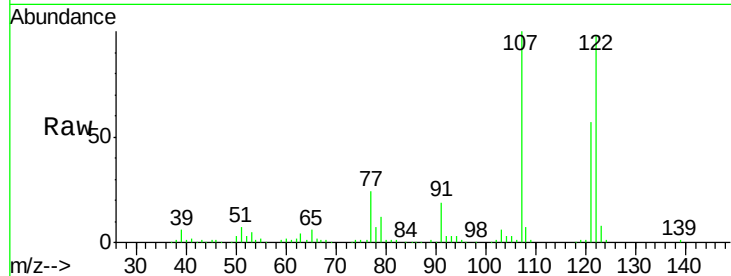
ClientSampleId :

PB93355BS

Tgt Ion:	122	Resp:	384604
Ion Ratio	Lower	Upper	
122	100		
107	102.0	87.8	131.6
121	57.9	45.7	68.5

Manual Integrations
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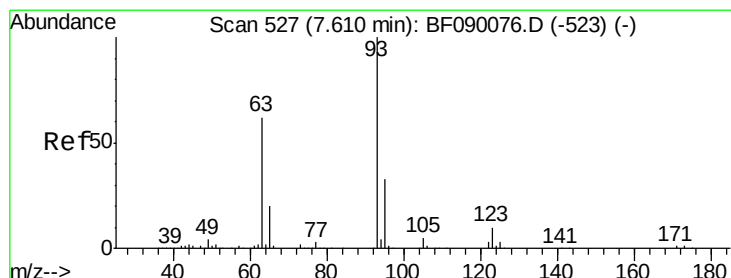
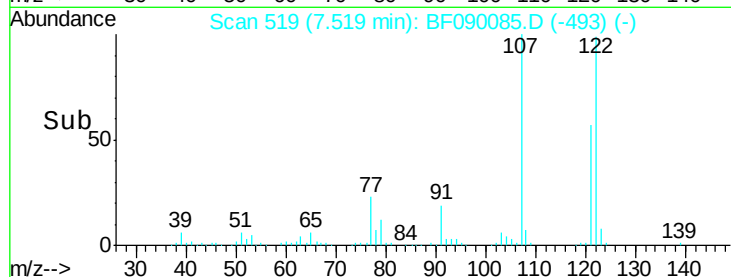
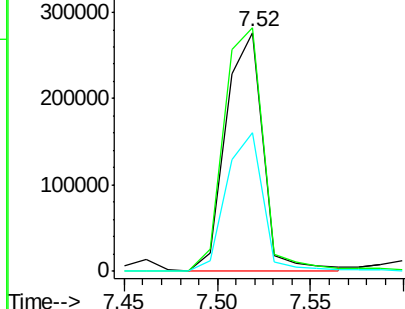
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.09 ng

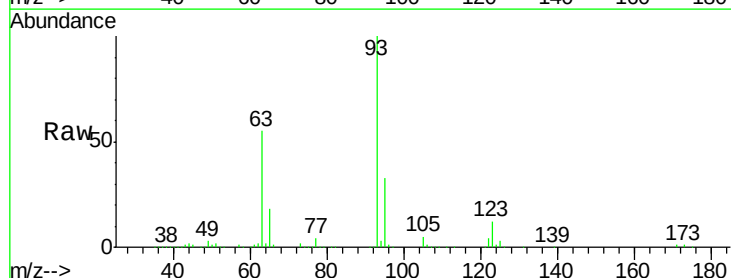
RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

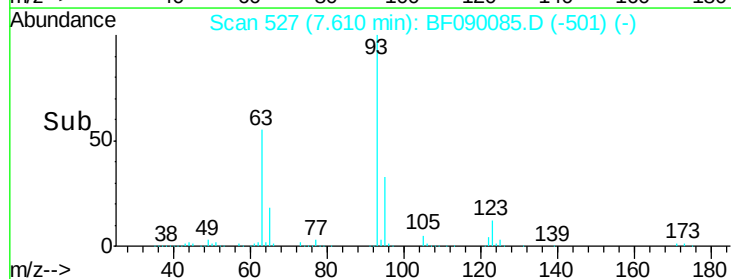
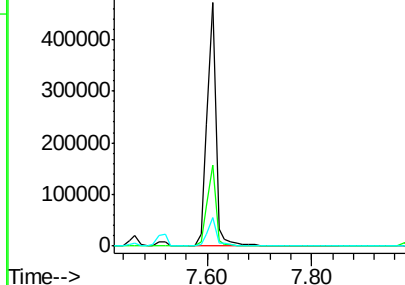
Tgt Ion:	93	Resp:	554771
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.8	40.2
123	11.6	8.5	12.7

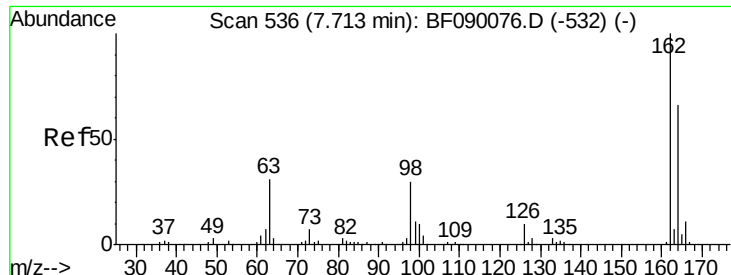


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





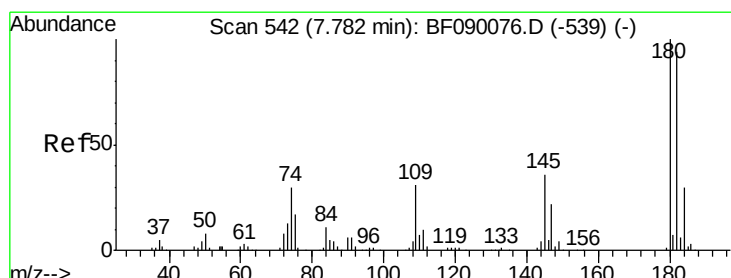
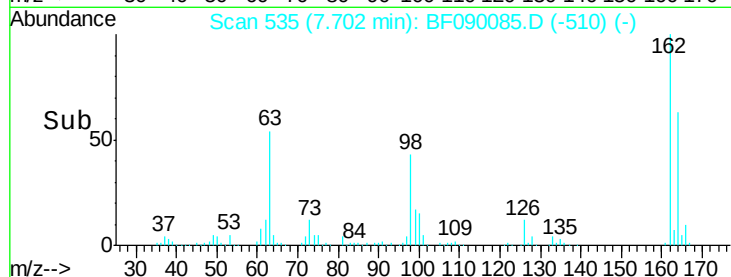
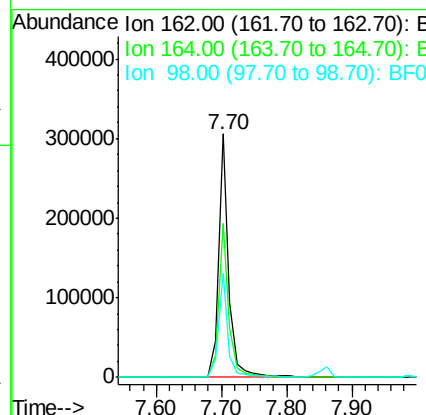
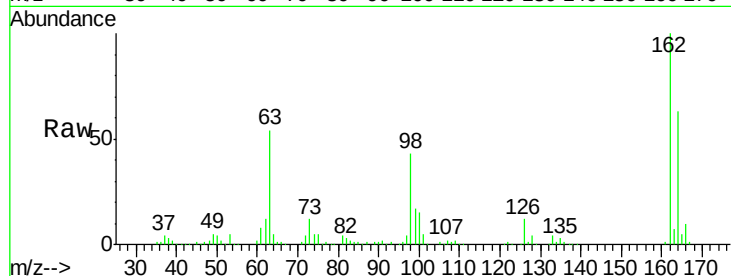
#29
 2,4-Dichlorophenol
 Concen: 41.64 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	46.2	86.2
98	42.6	10.4	50.4

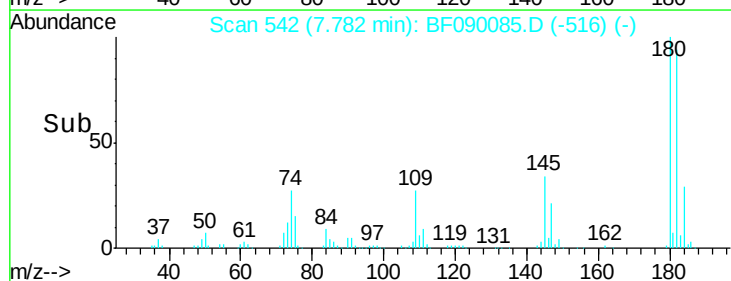
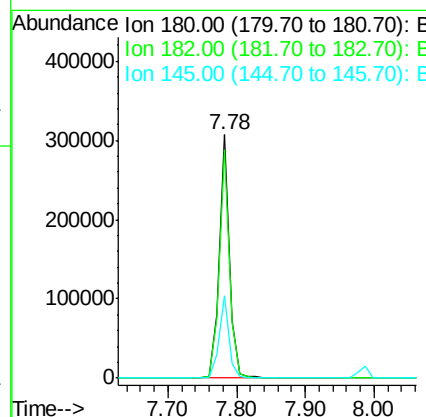
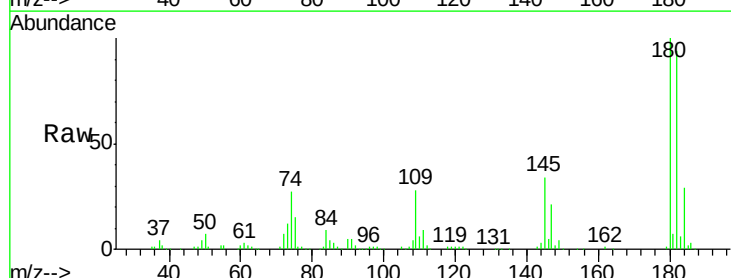
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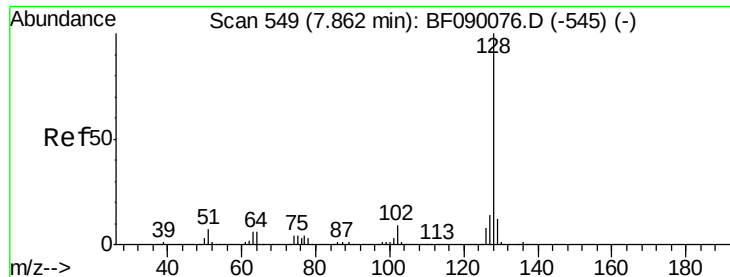
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.52 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.0	112.6
145	33.8	28.6	42.8





#31

Naphthalene

Concen: 45.03 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampled :

PB93355BS

Tgt Ion:128 Resp: 1275095

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

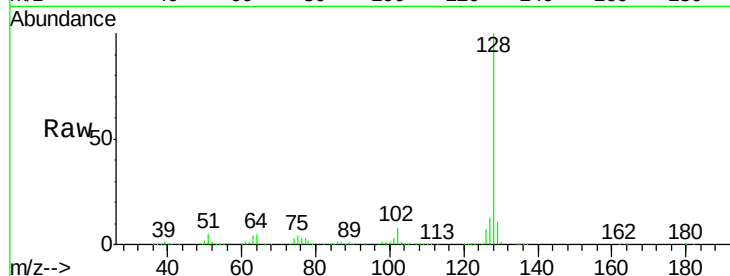
127 13.4 10.8 16.2

Manual Integrations

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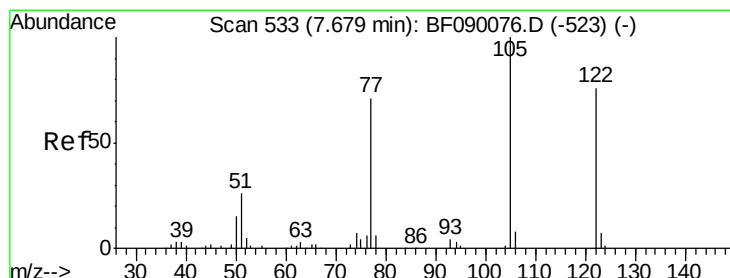
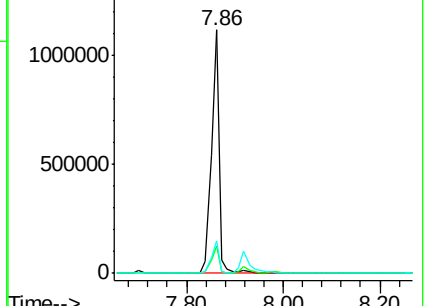
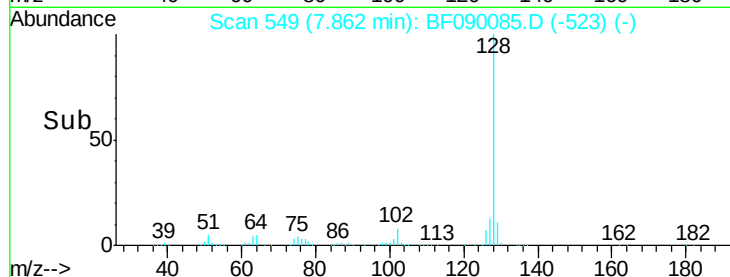
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Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.47 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.04 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

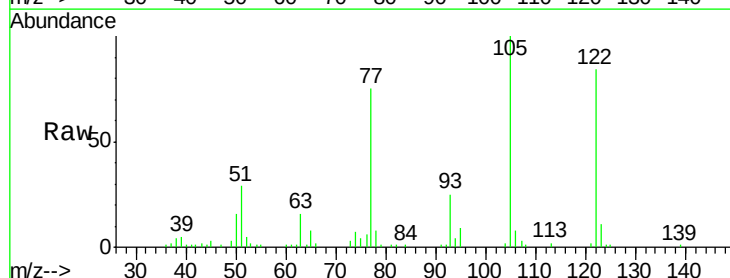
Tgt Ion:122 Resp: 100771

Ion Ratio Lower Upper

122 100

105 119.7 105.0 145.0

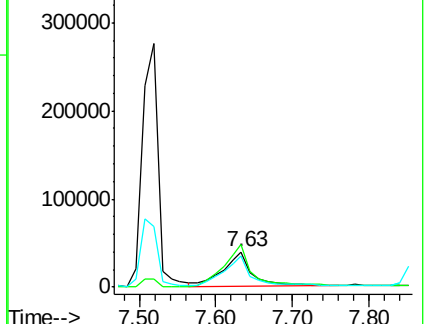
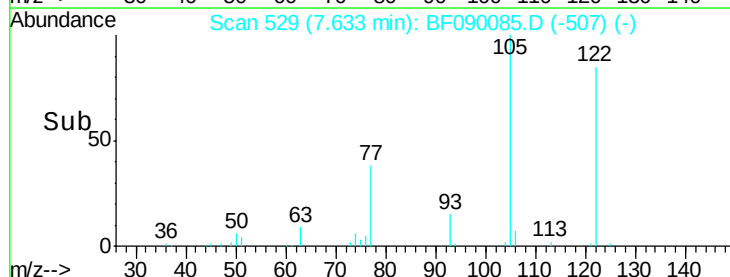
77 89.5 70.4 110.4

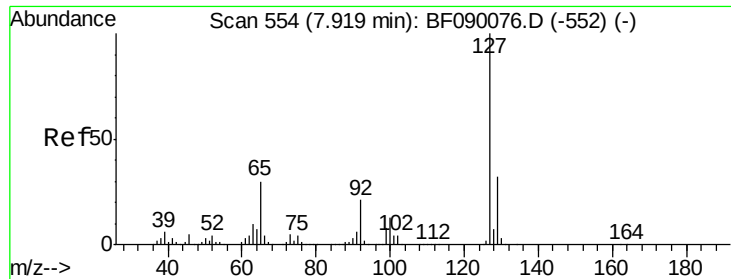


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





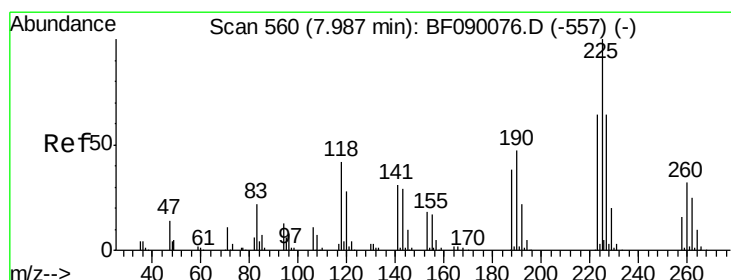
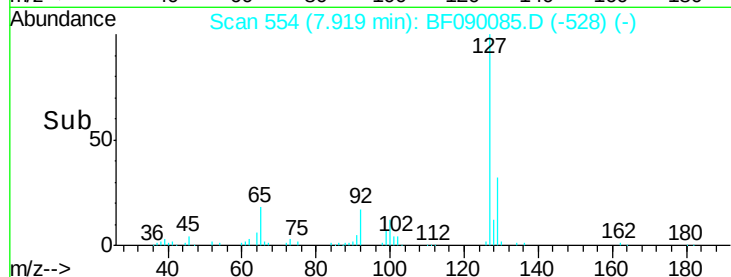
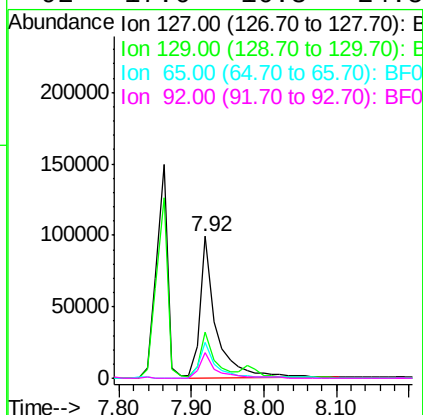
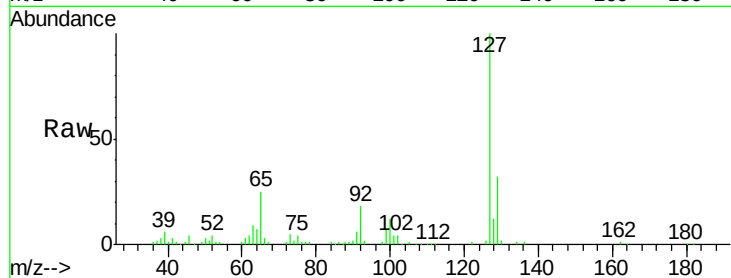
#33
4-Chloroaniline
Concen: 12.54 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	151084		
129	32.4	25.8	38.6	
65	25.4	24.1	36.1	
92	17.6	16.3	24.5	

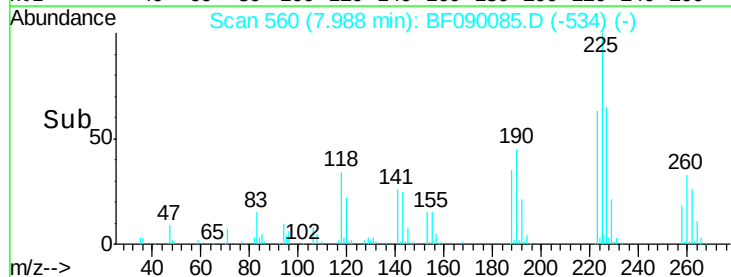
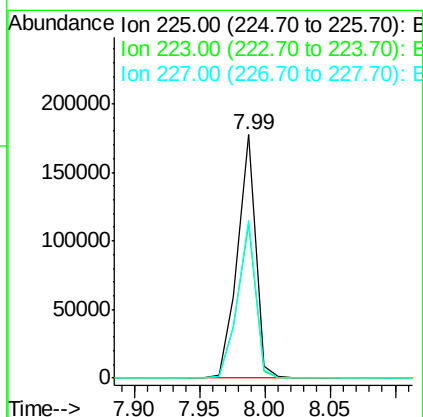
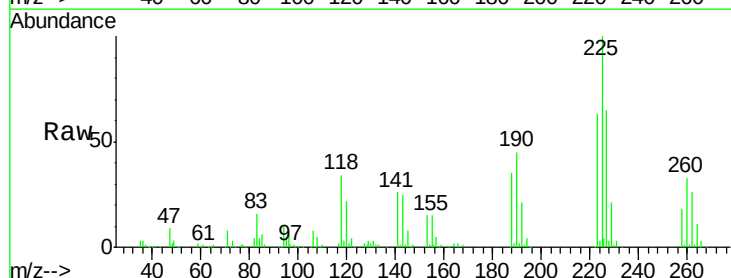
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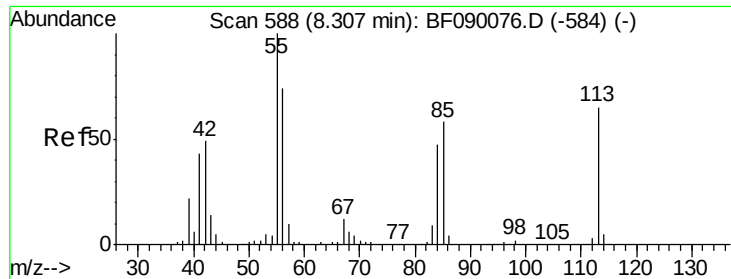
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#34
Hexachlorobutadiene
Concen: 41.70 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171322		
223	63.2	51.3	76.9	
227	64.7	51.4	77.0	





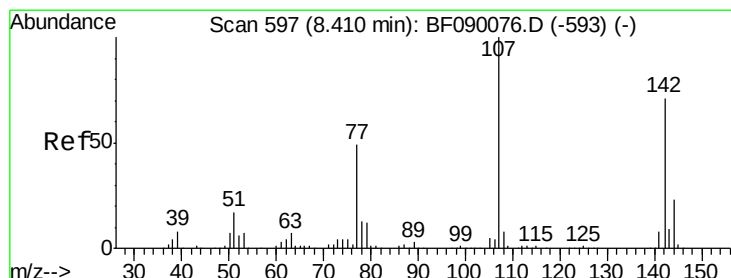
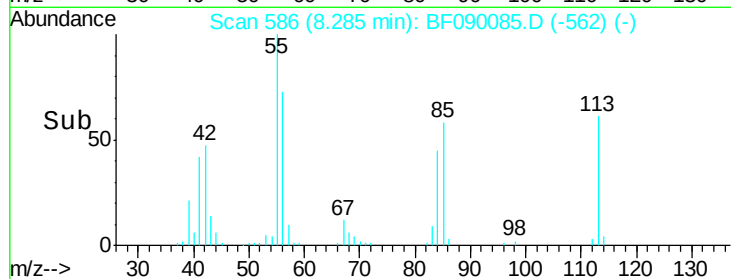
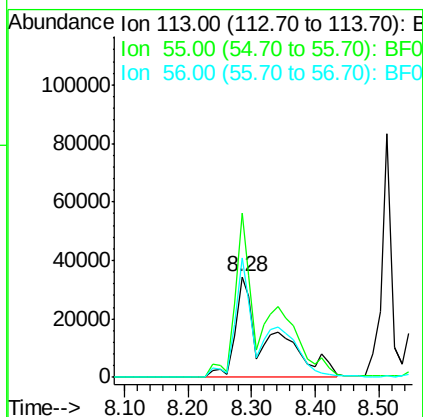
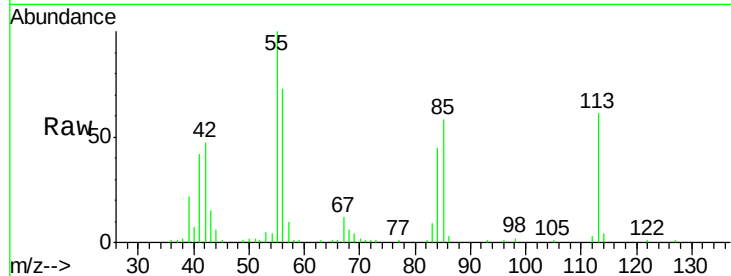
#35
 Caprolactam
 Concen: 46.89 ng m
 RT: 8.28 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127346		
55	163.8	134.5	174.5	
56	119.2	93.7	133.7	

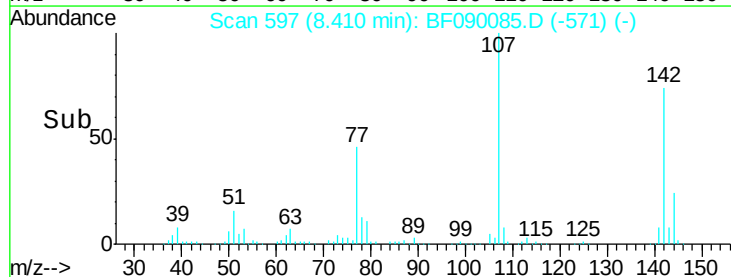
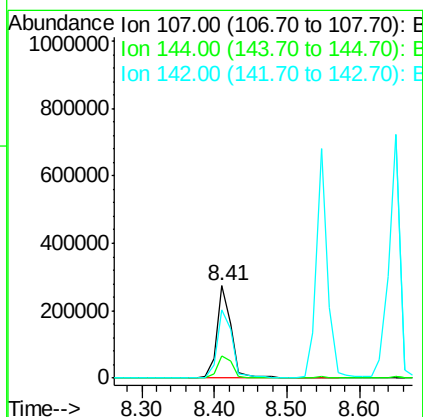
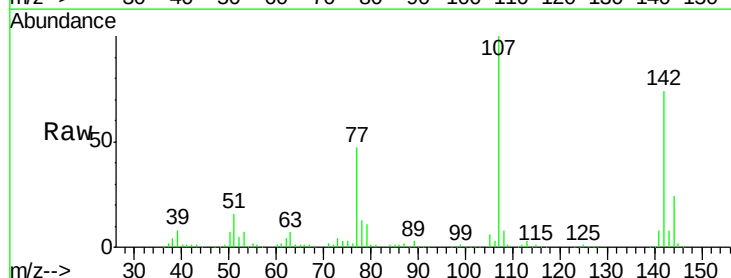
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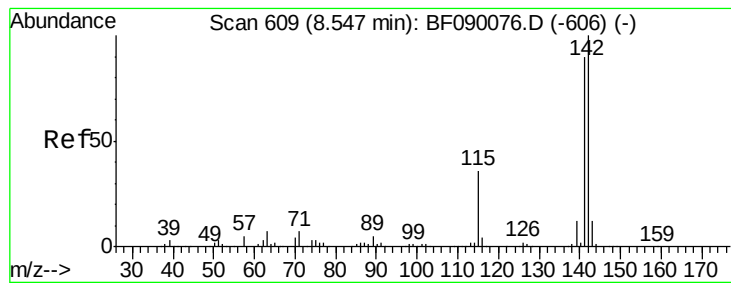
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#36
 4-Chloro-3-methylphenol
 Concen: 39.90 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	376759		
144	23.6	18.6	27.8	
142	73.5	57.0	85.6	





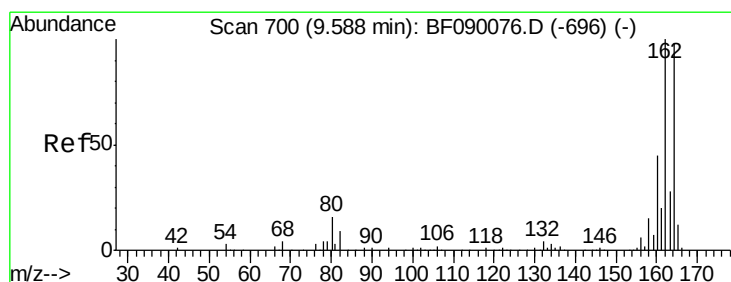
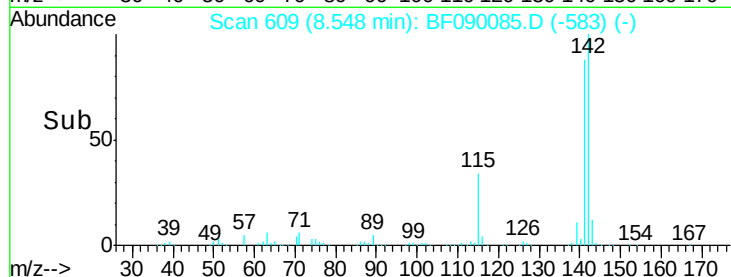
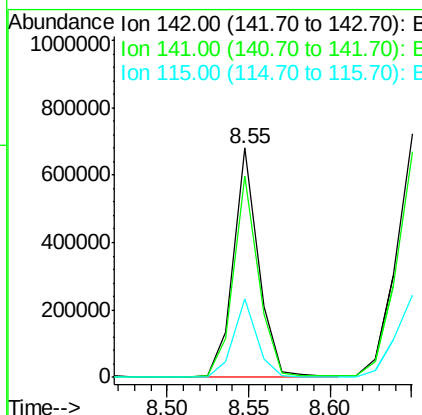
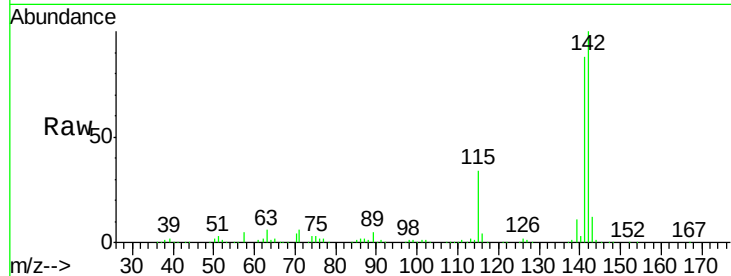
#37
 2-Methylnaphthalene
 Concen: 41.31 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleID :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	725382		
141	87.8		71.4	107.2
115	34.3		28.3	42.5

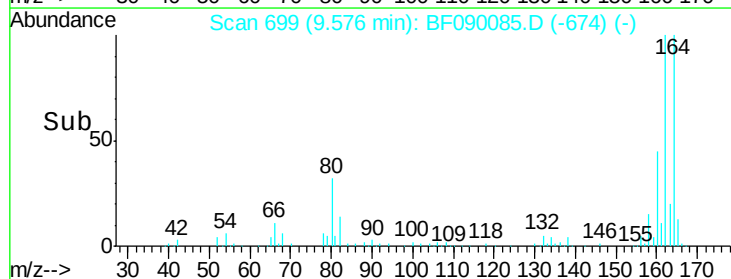
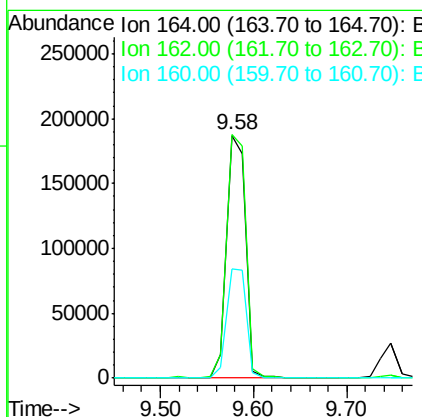
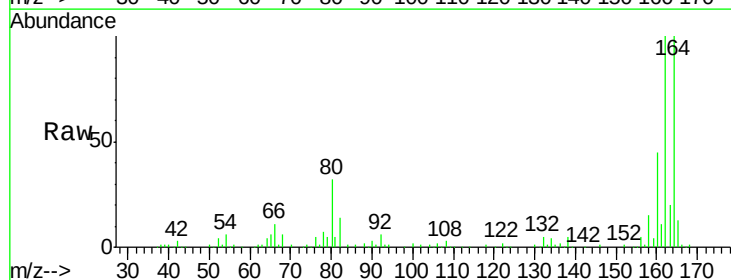
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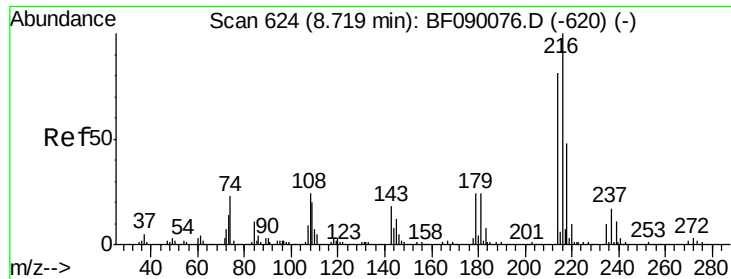
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	267008		
162	100.2		81.4	122.2
160	45.2		36.6	54.8





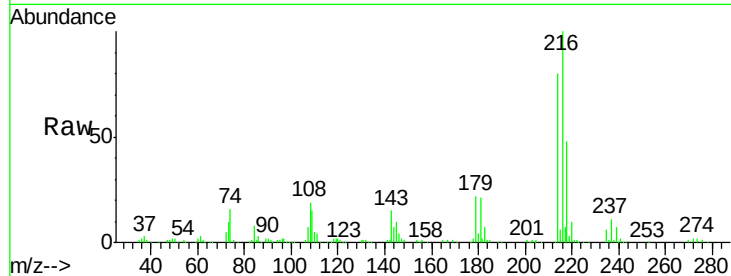
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.80 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

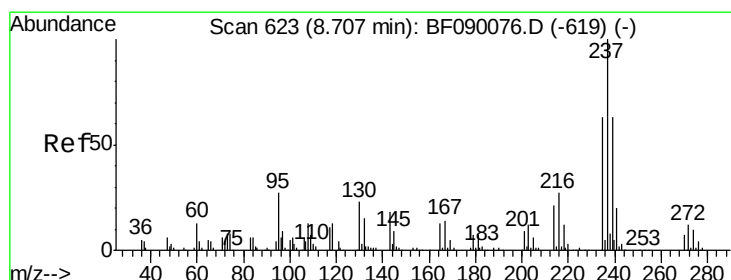
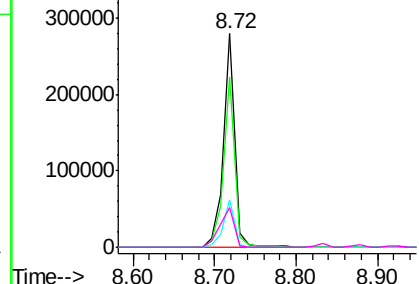
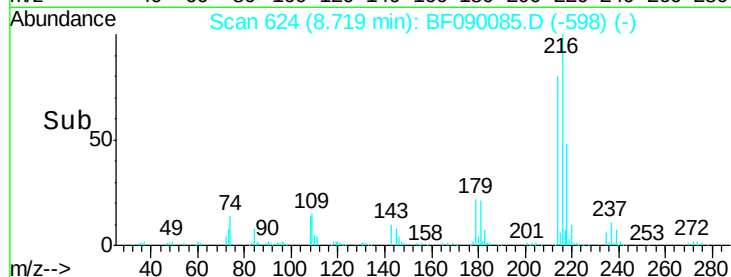
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	266390		
214	79.5	63.7	95.5	
179	22.2	18.5	27.7	
108	24.6	19.5	29.3	

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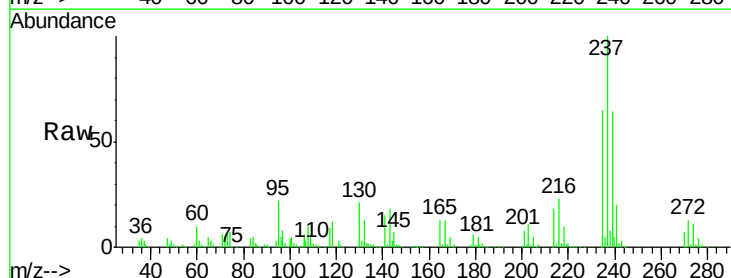


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

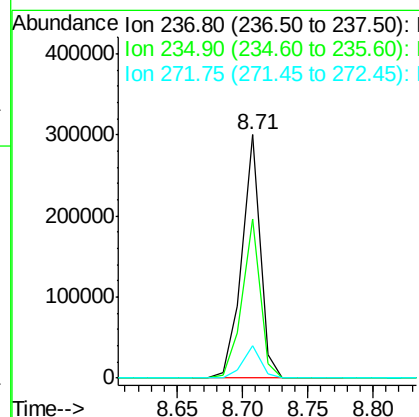
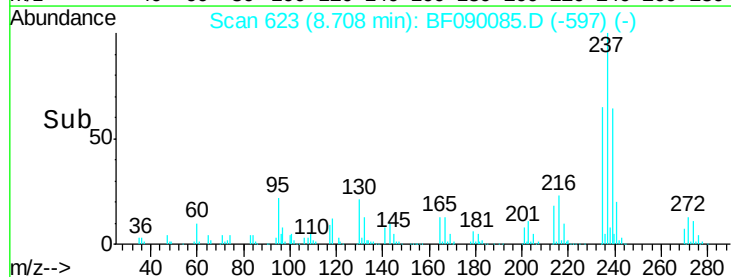


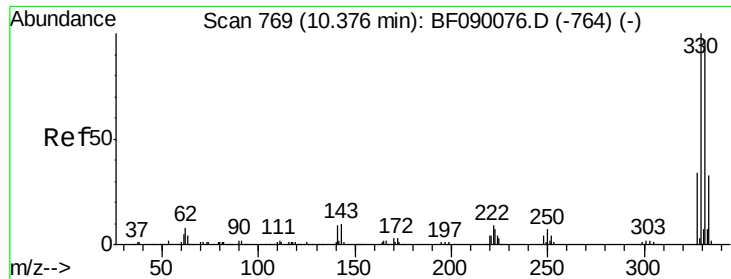
#40
 Hexachlorocyclopentadiene
 Concen: 82.13 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	293033		
235	65.4	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





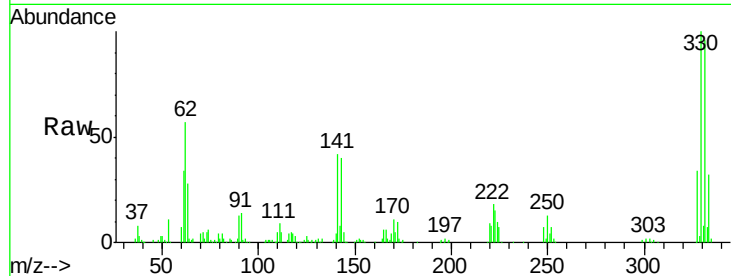
#41
 2,4,6-Tribromophenol
 Concen: 116.71 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

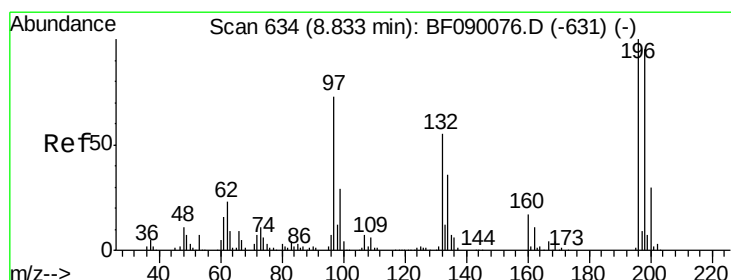
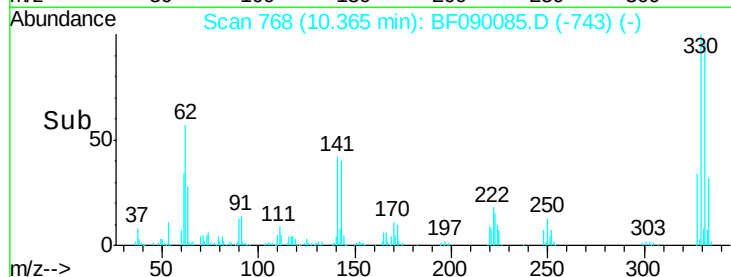
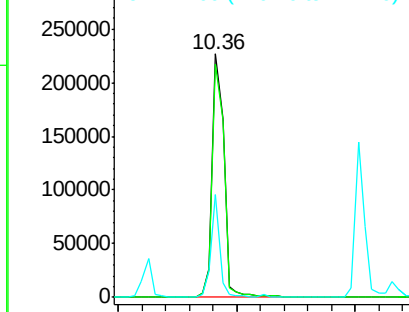
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313016		
332	97.3	78.1	117.1	
141	31.5	23.9	35.9	

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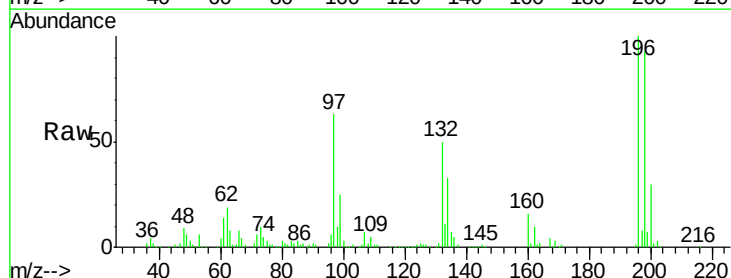


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

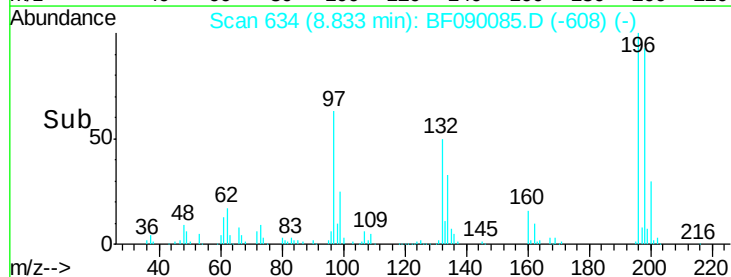
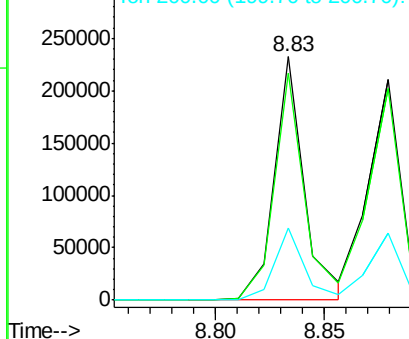


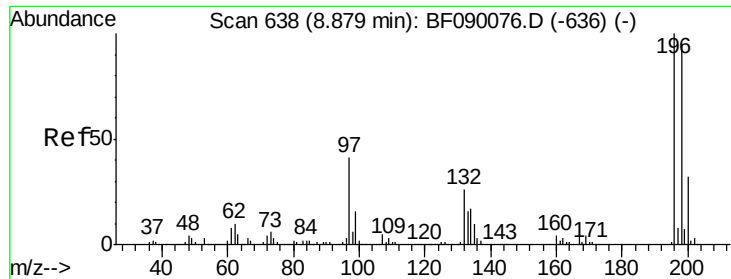
#42
 2,4,6-Trichlorophenol
 Concen: 45.46 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226209		
198	93.1	76.3	114.5	
200	29.7	24.1	36.1	



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





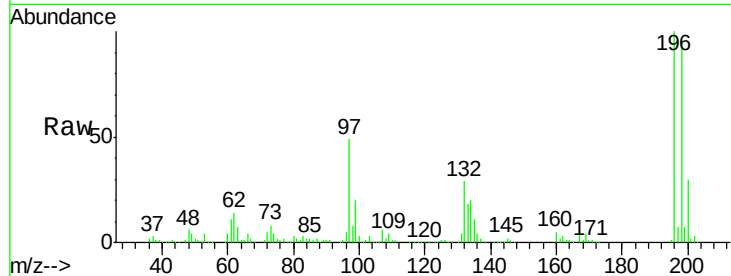
#43
 2,4,5-Trichlorophenol
 Concen: 43.17 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

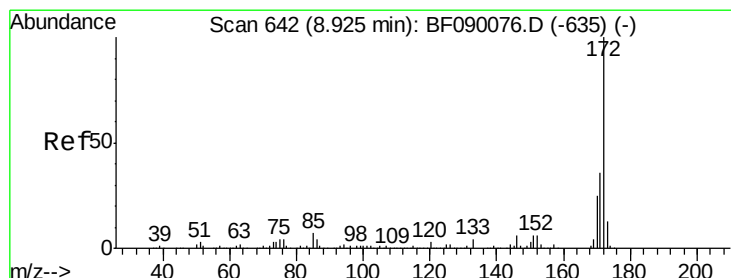
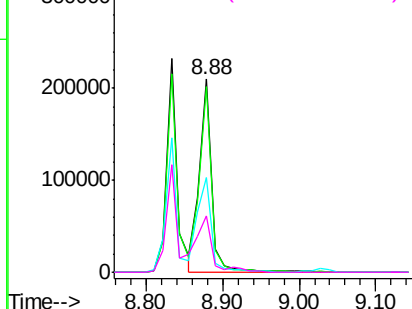
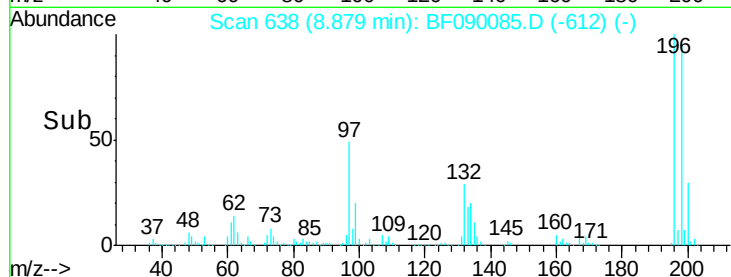
Tgt Ion:	196	Resp:	231104
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.6	114.8
97	49.2	34.4	51.6
132	29.1	22.2	33.2

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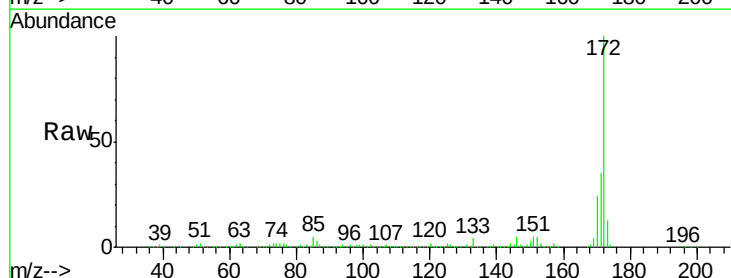


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

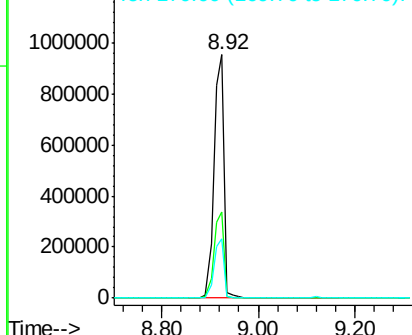
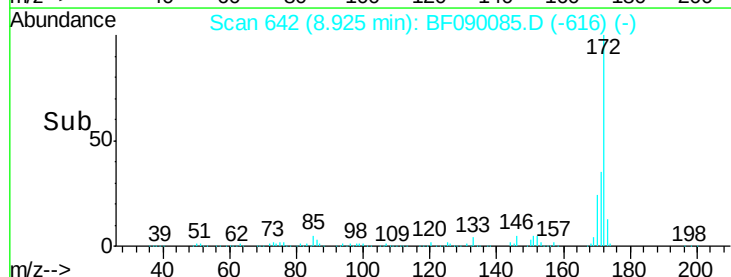


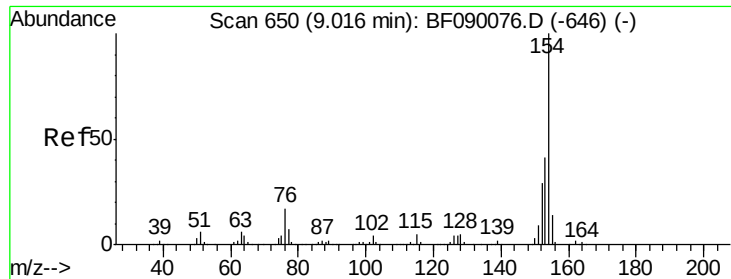
#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:	172	Resp:	1422678
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.2	43.8
170	24.2	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





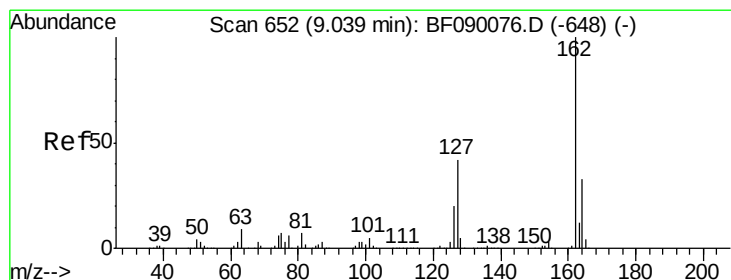
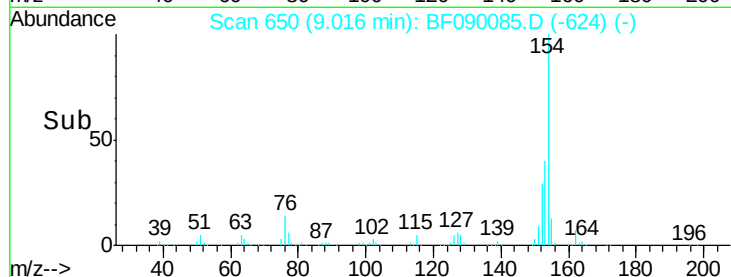
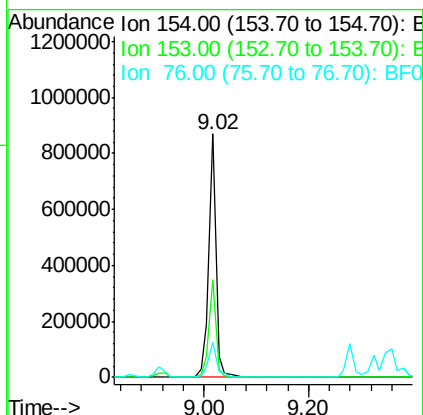
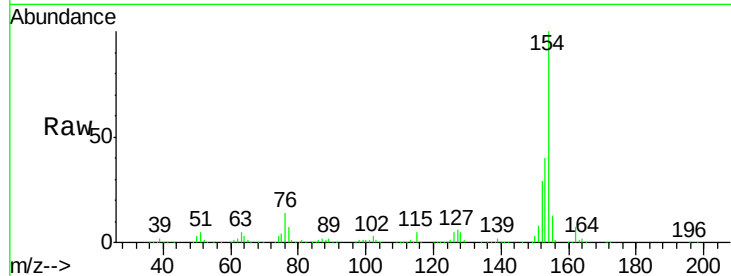
#45
 1,1'-Biphenyl
 Concen: 38.17 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion:	154	Resp:	834050
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	14.3	0.0	36.7

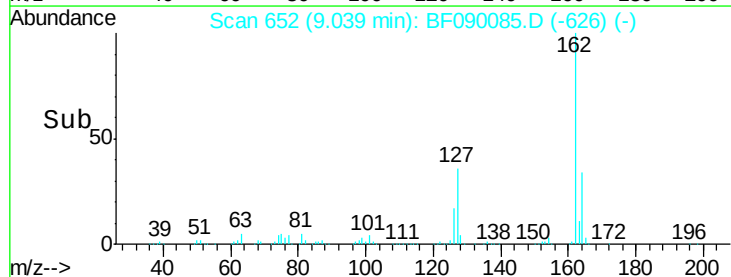
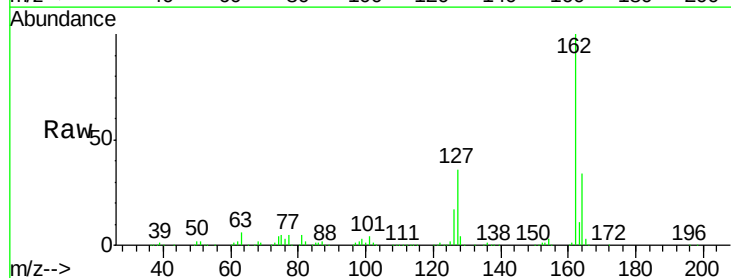
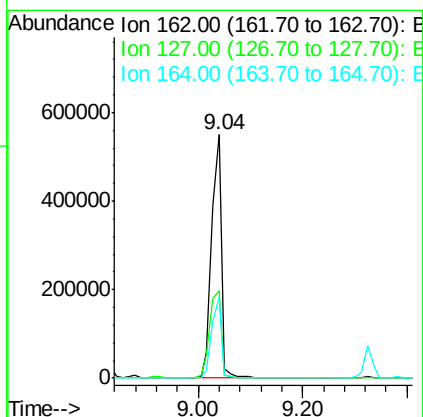
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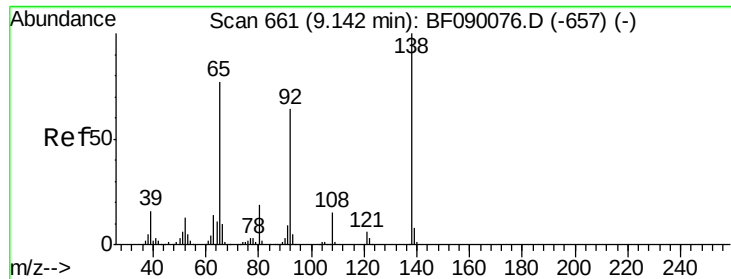
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#46
 2-Chloronaphthalene
 Concen: 44.53 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:	162	Resp:	720960
Ion Ratio	Lower	Upper	
162	100		
127	35.7	34.0	51.0
164	33.6	26.8	40.2





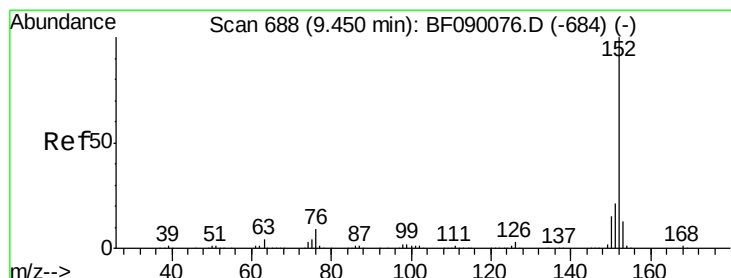
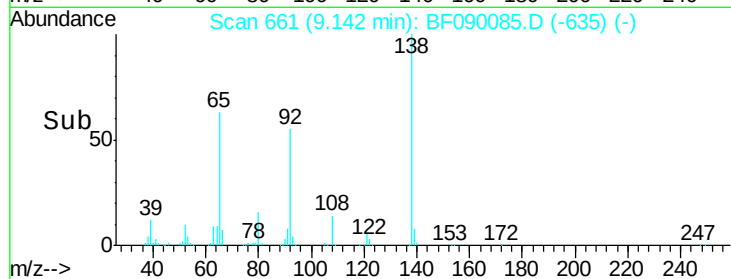
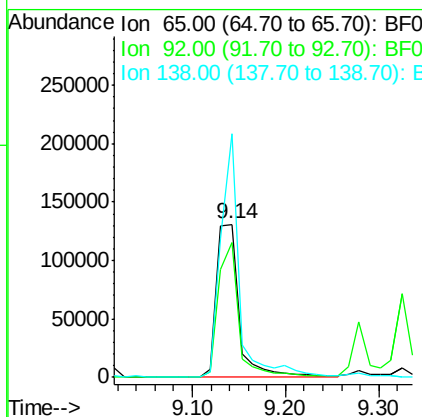
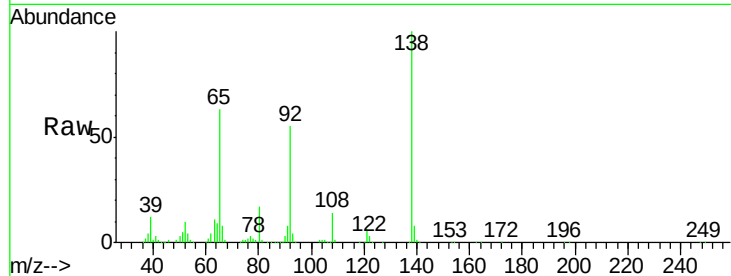
#47
 2-Nitroaniline
 Concen: 43.06 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	222542		
92	88.2	66.1	99.1	
138	159.0	104.1	156.1#	

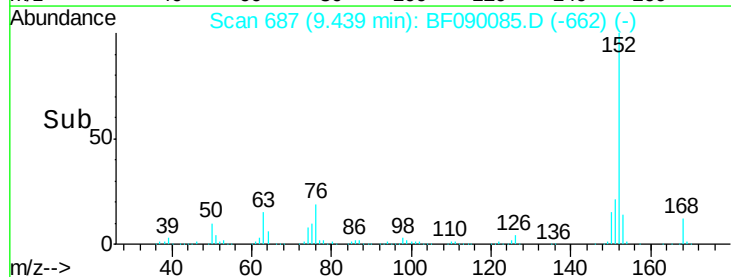
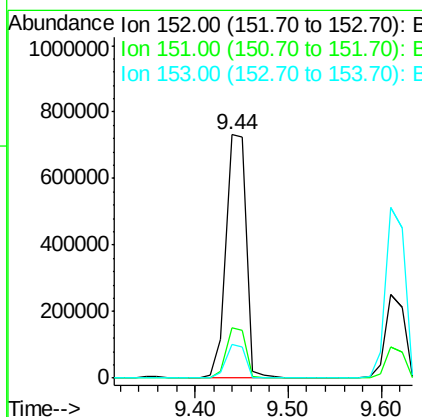
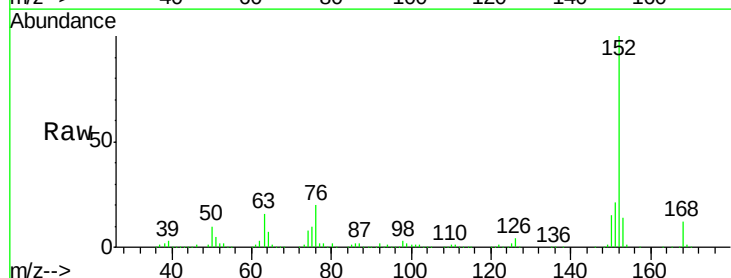
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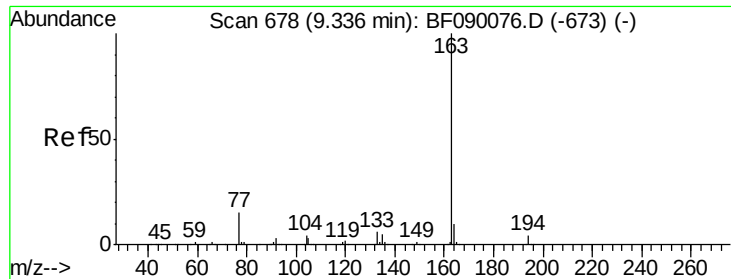
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#48
 Acenaphthylene
 Concen: 40.87 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1111209		
151	20.5	16.5	24.7	
153	13.7	10.6	15.8	





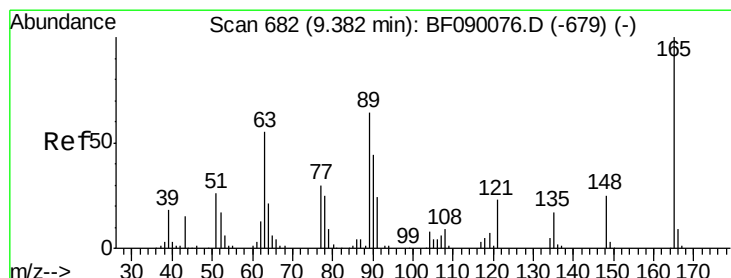
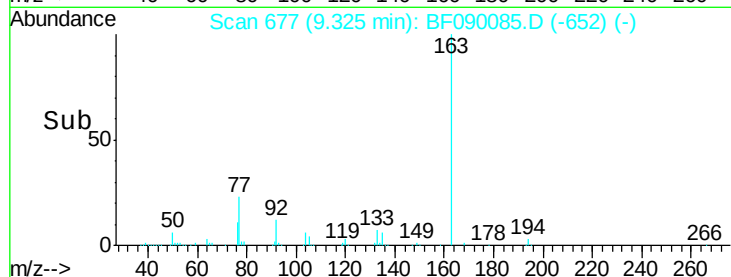
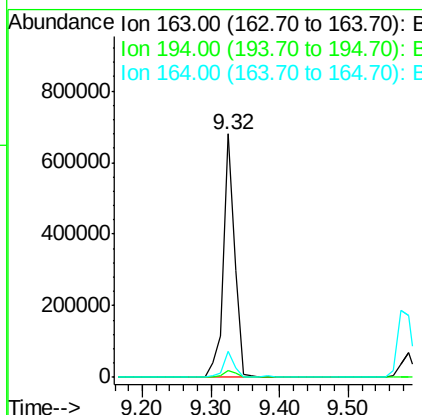
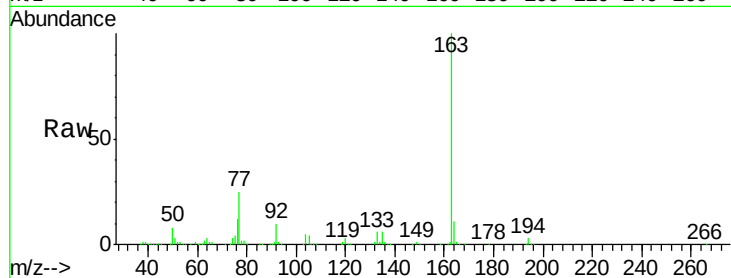
#49
Dimethylphthalate
Concen: 40.12 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.8	4.2
164	10.6	8.1	12.1

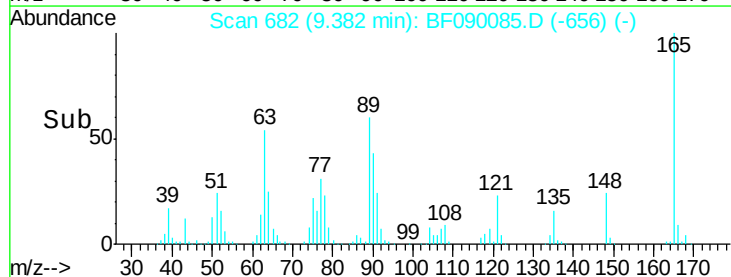
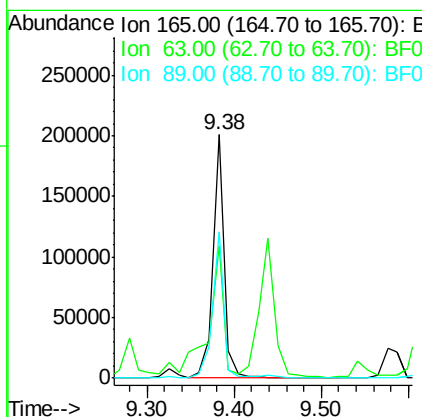
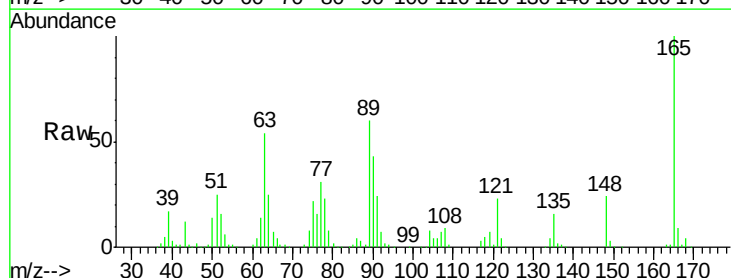
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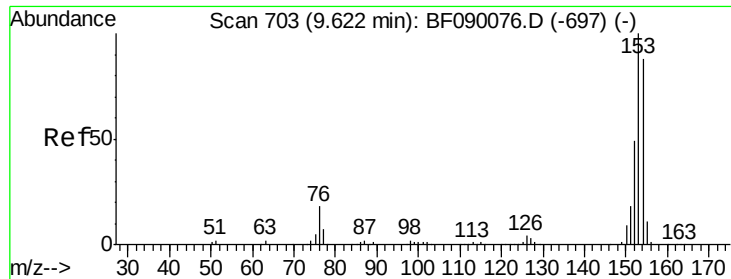
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#50
2,6-Dinitrotoluene
Concen: 41.70 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.4	49.9	74.9
89	60.0	51.0	76.4





#51

Acenaphthene

Concen: 43.30 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

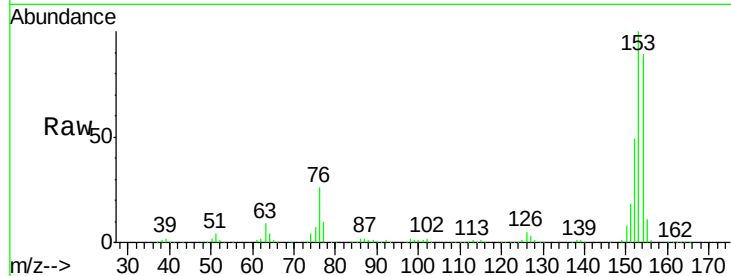
ClientSampleId :

PB93355BS

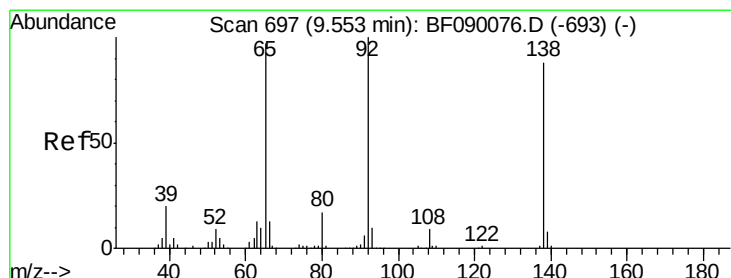
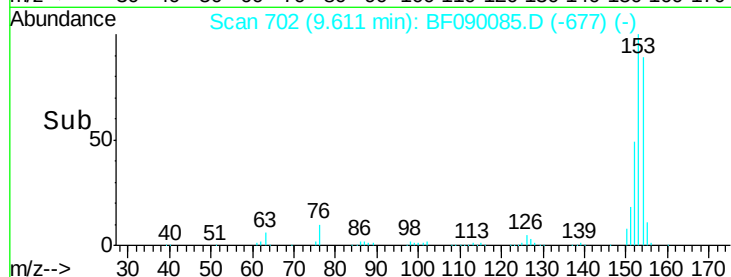
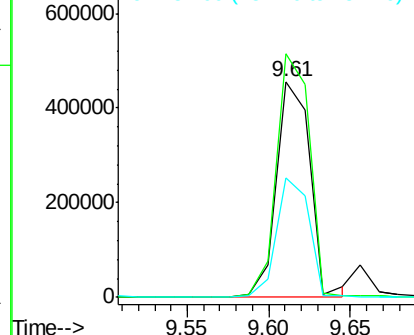
Tgt Ion:	154	Resp:	657570
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.8	136.2
152	55.0	44.2	66.4

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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: 22.22 ng

RT: 9.54 min Scan# 696

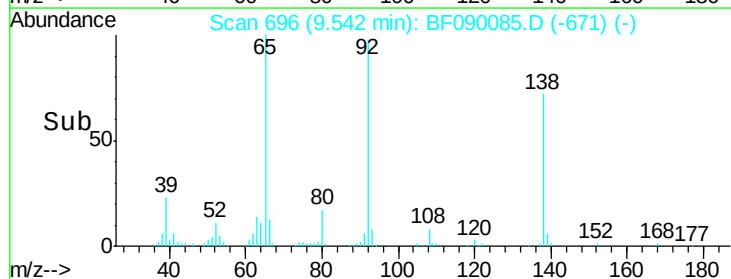
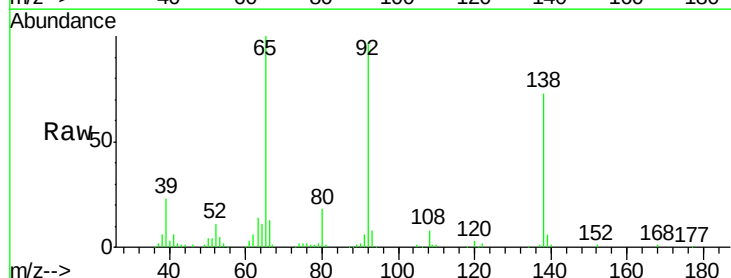
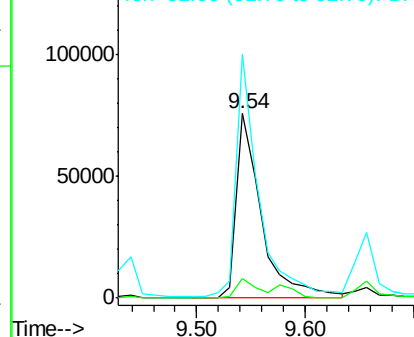
Delta R.T. -0.01 min

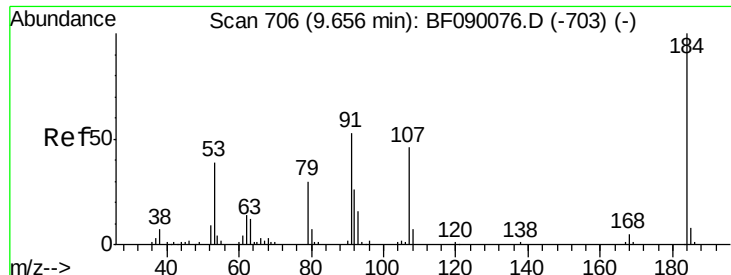
Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	138	Resp:	119799
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	132.2	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





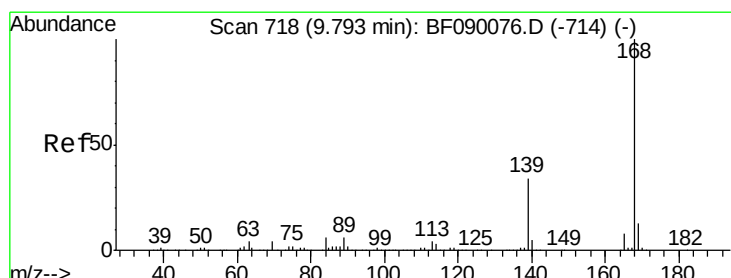
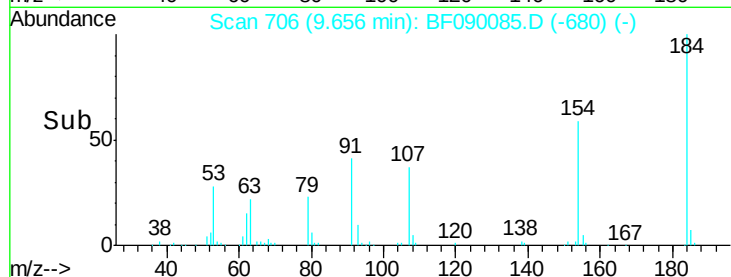
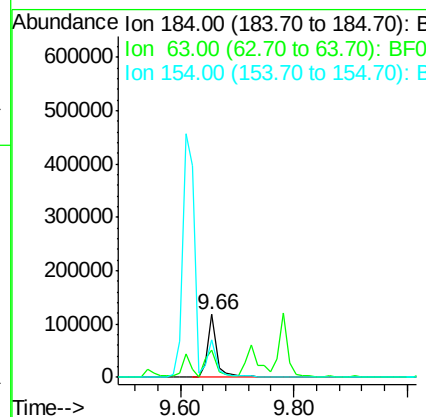
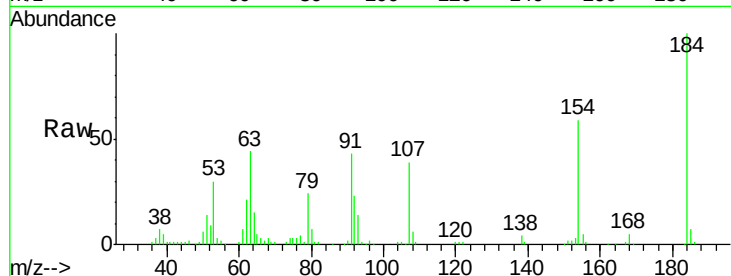
#53
 2,4-Dinitrophenol
 Concen: 55.53 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	133802		
63	43.9	44.6	67.0	
154	59.0	49.7	74.5	

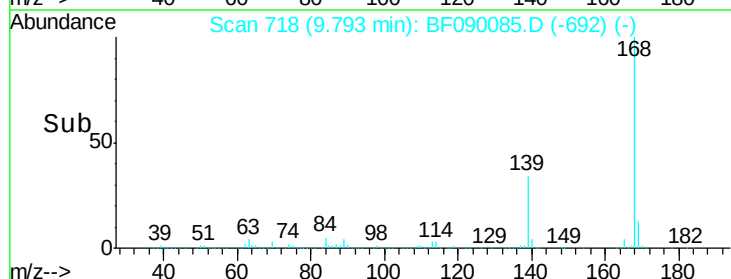
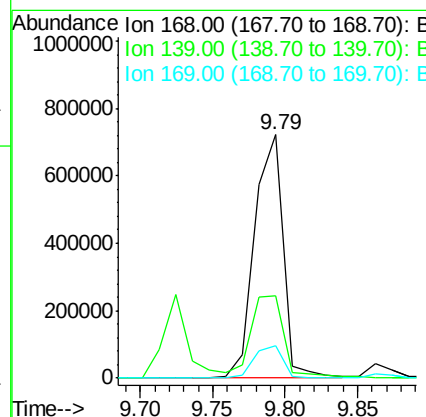
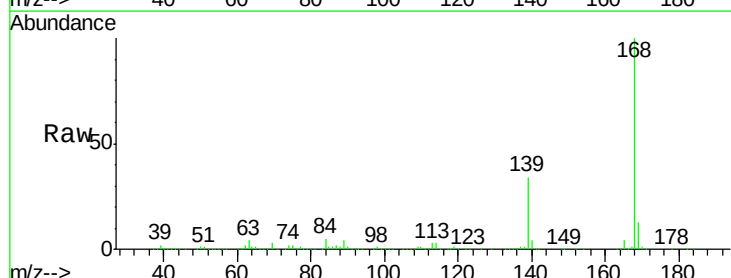
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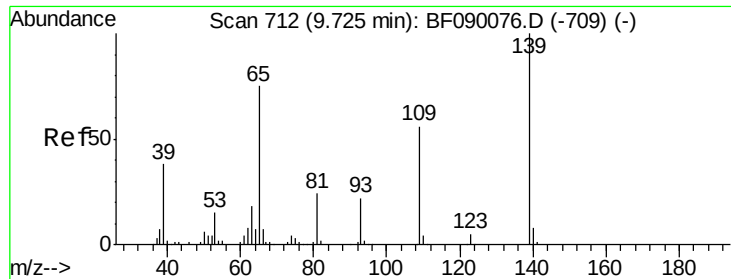
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#54
 Dibenzofuran
 Concen: 47.10 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	989130		
139	33.7	28.8	43.2	
169	13.1	10.7	16.1	





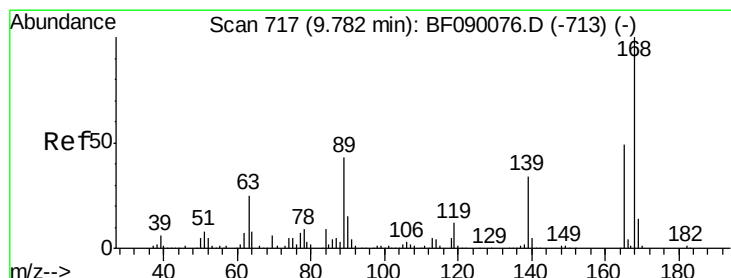
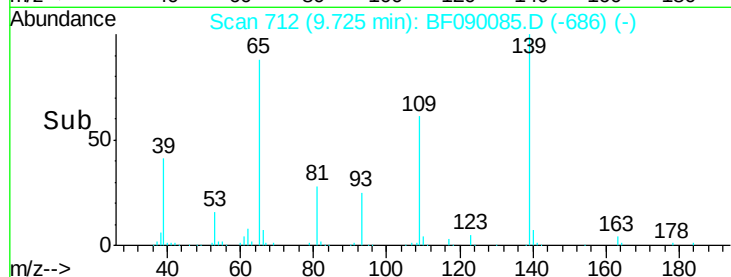
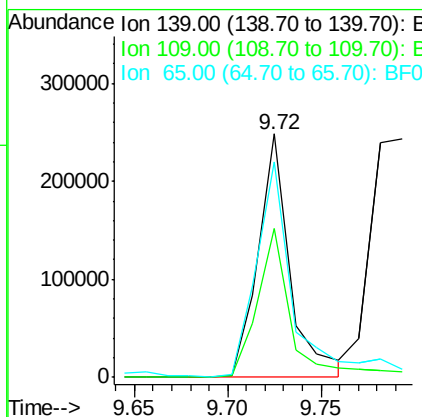
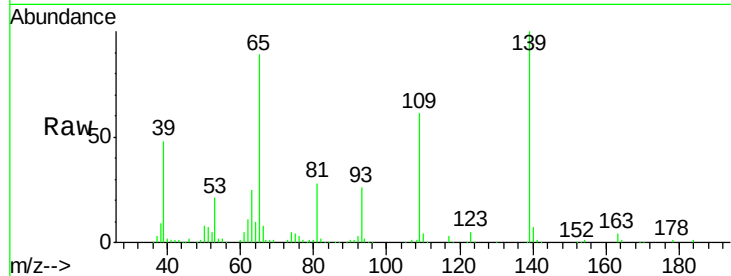
#55
4-Nitrophenol
Concen: 77.36 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	293544		
109	61.2	35.6	75.6	
65	88.7	55.5	95.5	

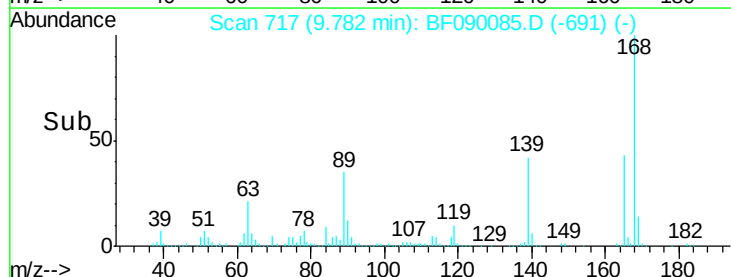
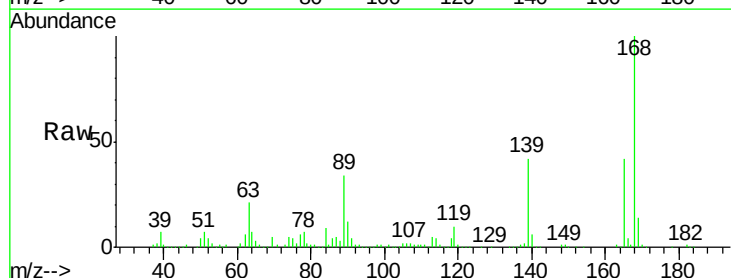
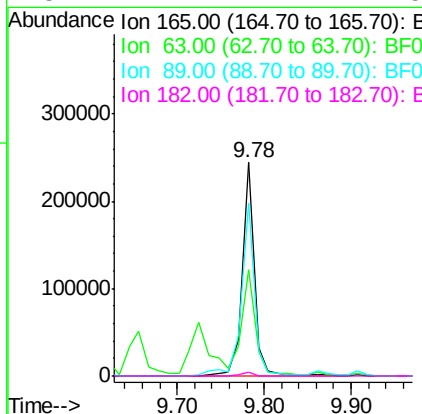
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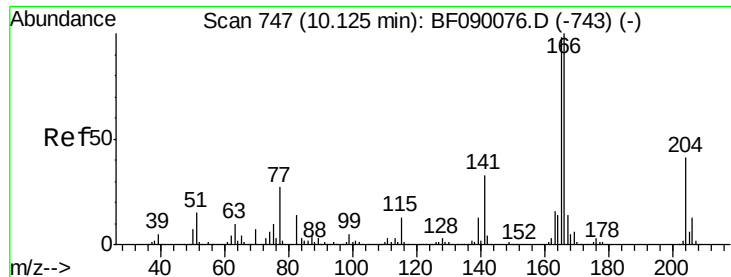
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#56
2,4-Dinitrotoluene
Concen: 43.25 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233668		
63	49.6	44.4	66.6	
89	81.2	70.1	105.1	
182	2.1	1.7	2.5	





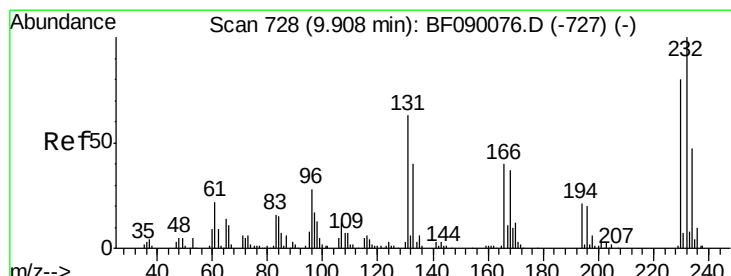
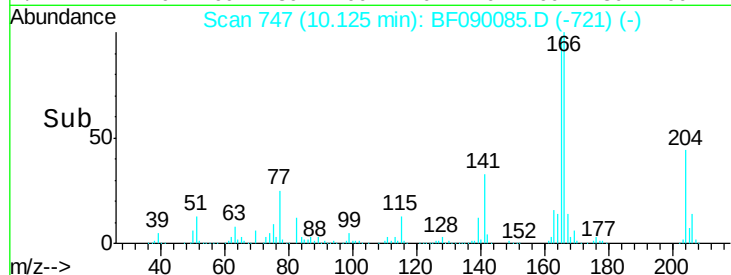
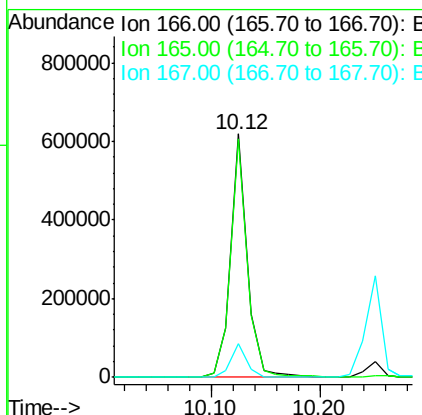
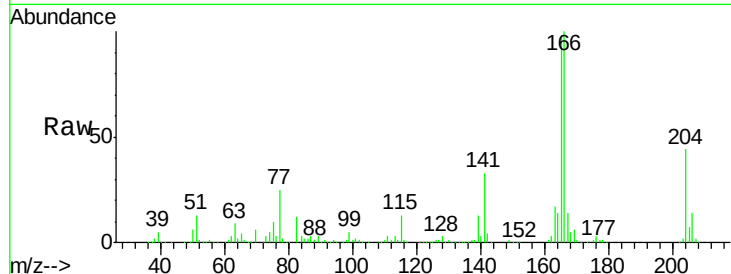
#57
 Fluorene
 Concen: 42.23 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	658032		
165	98.0	78.5	117.7	
167	13.8	11.2	16.8	

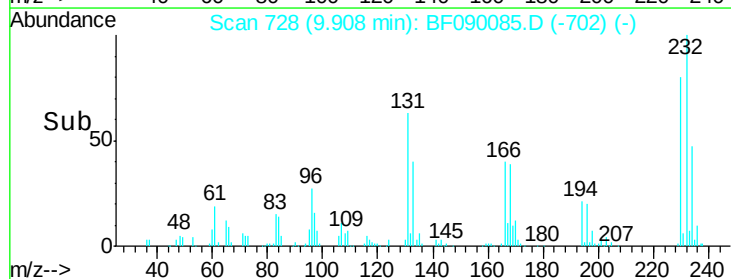
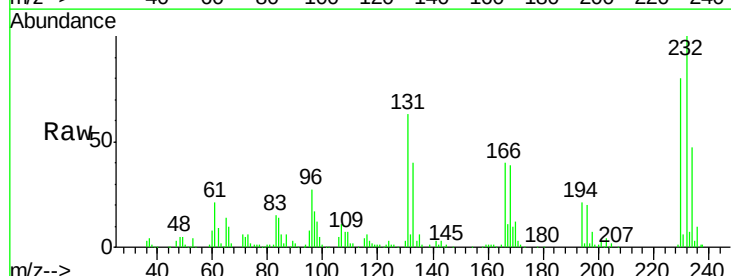
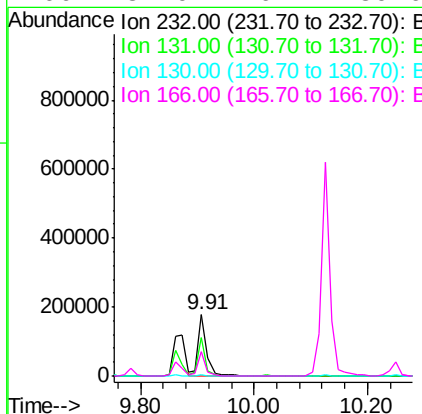
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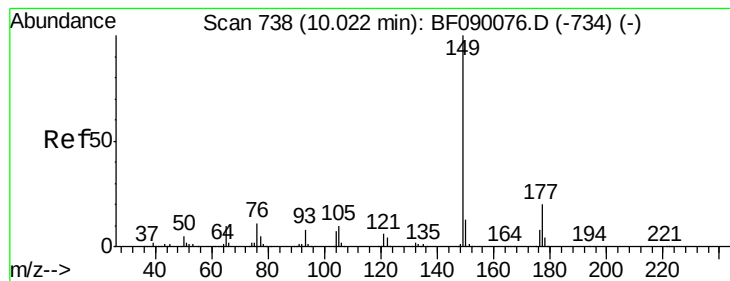
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.43 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185466		
131	54.4	42.2	63.4	
130	2.4	1.9	2.9	
166	34.0	26.4	39.6	





#59

Diethylphthalate

Concen: 41.66 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

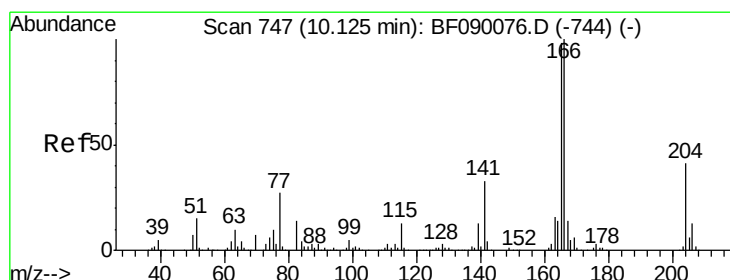
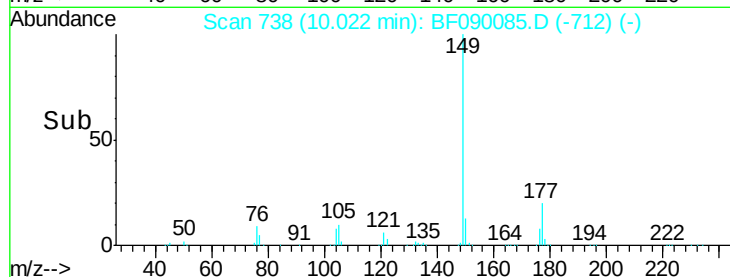
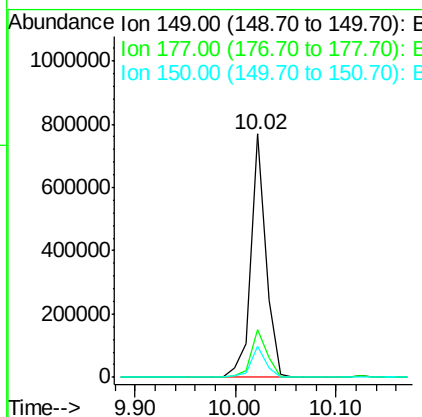
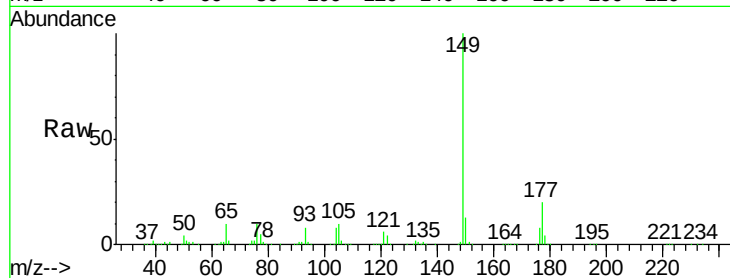
ClientSampled :

PB93355BS

Tgt Ion:	149	Resp:	799815
Ion Ratio	Lower	Upper	
149	100		
177	19.7	15.8	23.6
150	12.8	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 45.32 ng

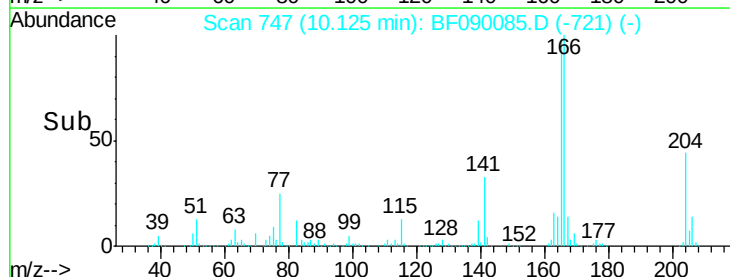
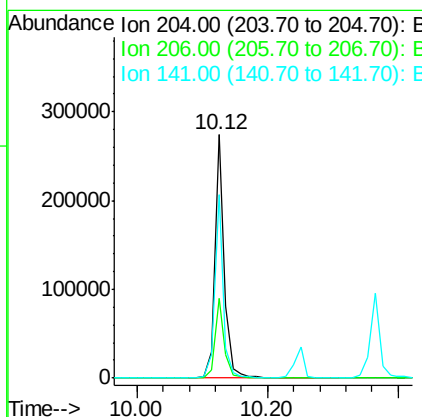
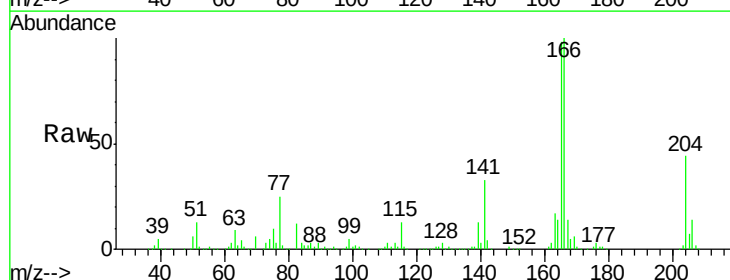
RT: 10.12 min Scan# 747

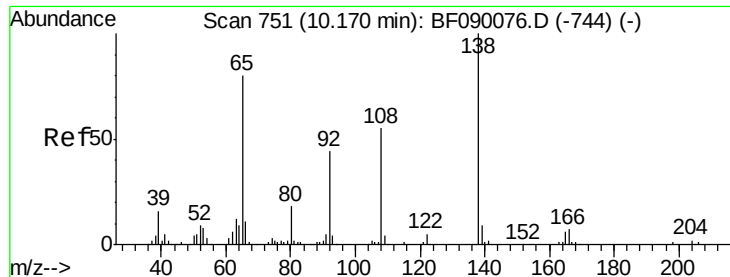
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	204	Resp:	280531
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.6	38.4
141	75.5	64.4	96.6





#61

4-Nitroaniline

Concen: 40.95 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

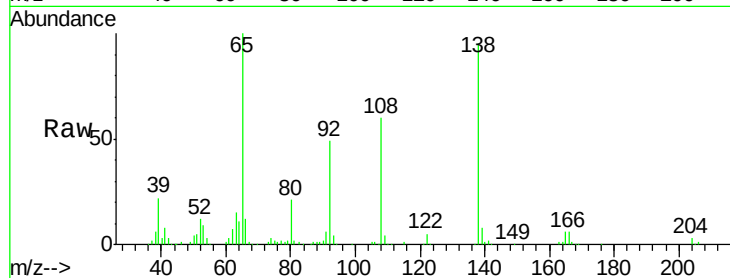
ClientSampleId :

PB93355BS

Tgt Ion:	138	Resp:	223513
Ion Ratio	Lower	Upper	
138	100		
92	51.7	23.8	63.8
108	63.0	35.0	75.0

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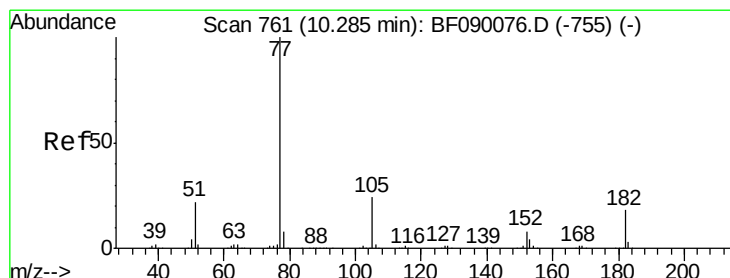
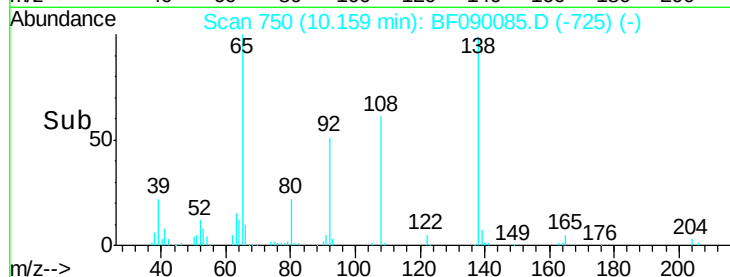
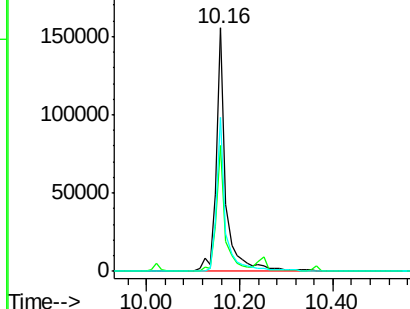
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.40 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

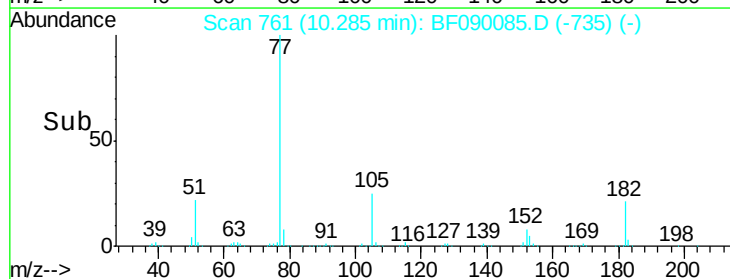
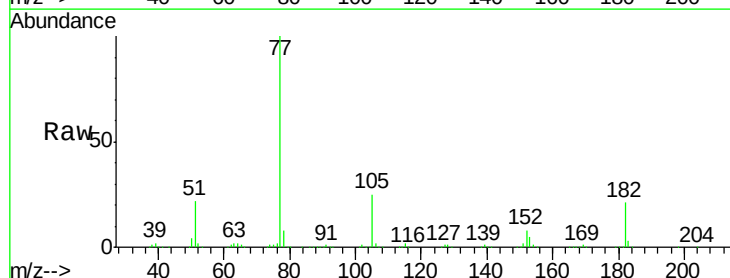
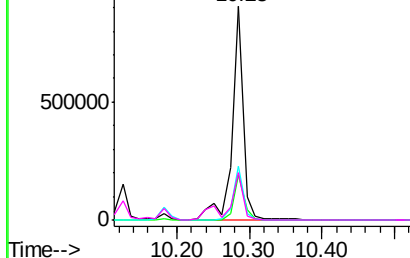
Tgt Ion:	77	Resp:	955053
Ion Ratio	Lower	Upper	
77	100		
182	21.0	0.0	38.4
105	24.9	3.8	43.8
51	22.4	2.6	42.6

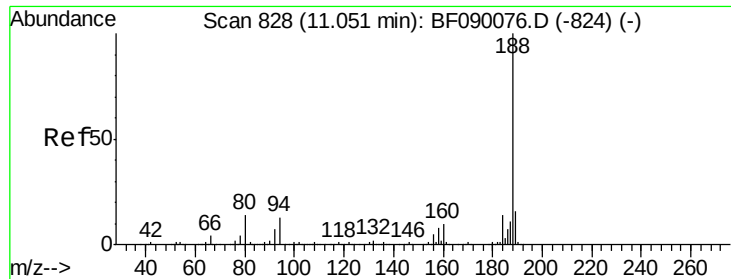
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

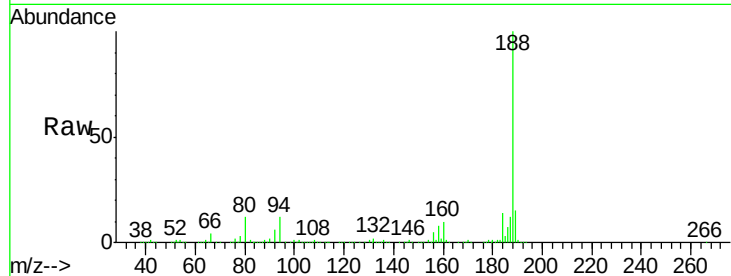
ClientSampleId :

PB93355BS

Tgt Ion:	188	Resp:	490259
Ion Ratio	Lower	Upper	
188	100		
94	11.9	10.5	15.7
80	12.0	11.2	16.8

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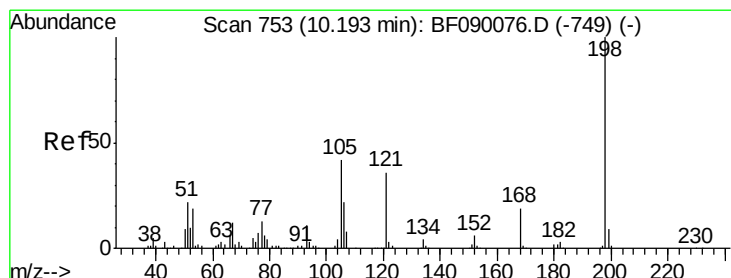
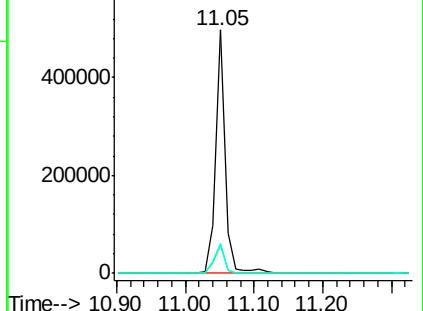
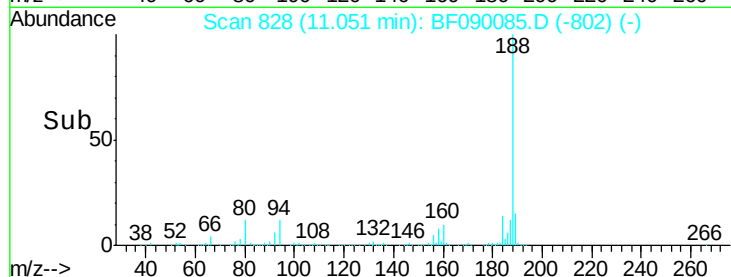
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.60 ng

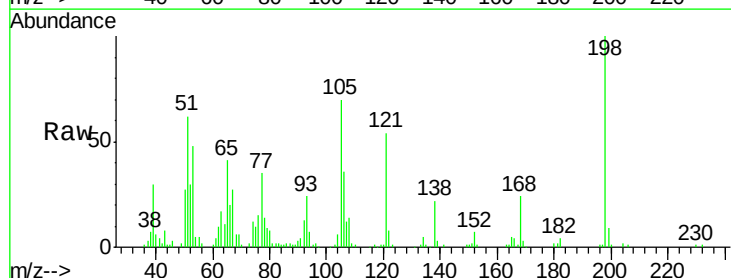
RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

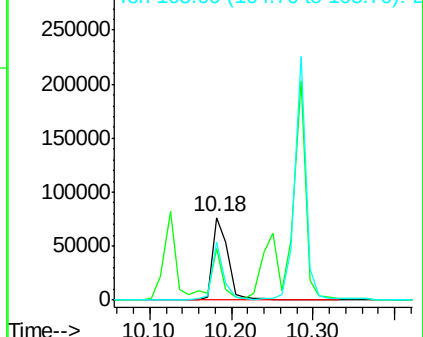
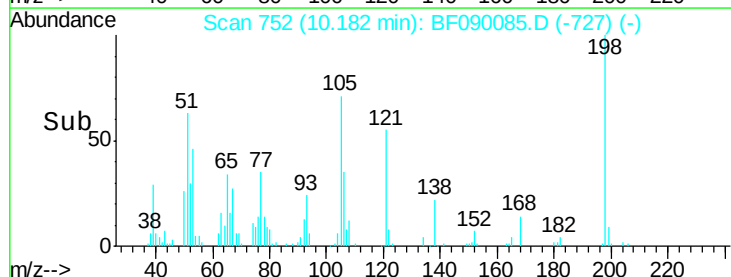
Tgt Ion:	198	Resp:	99807
Ion Ratio	Lower	Upper	
198	100		
51	62.4	5.5	45.5#
105	69.7	21.8	61.8#

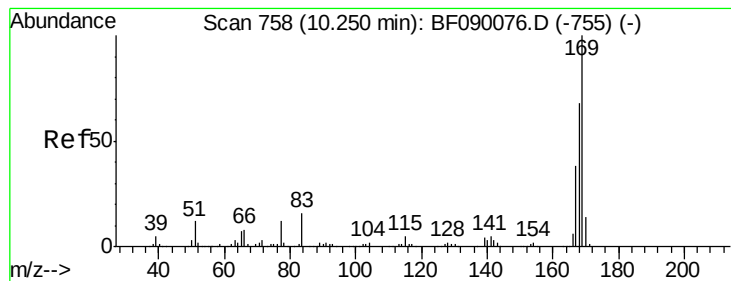


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





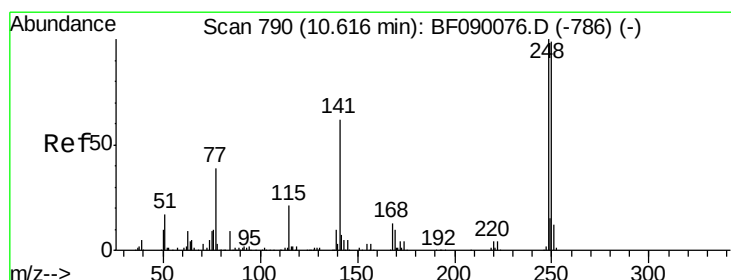
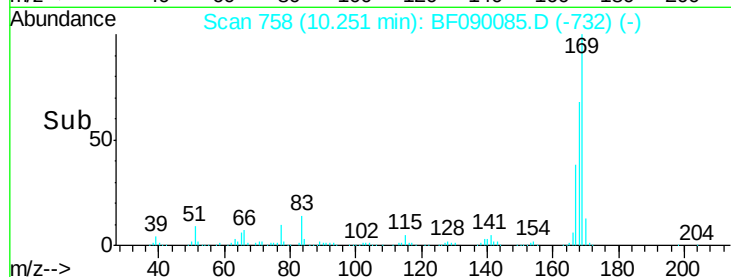
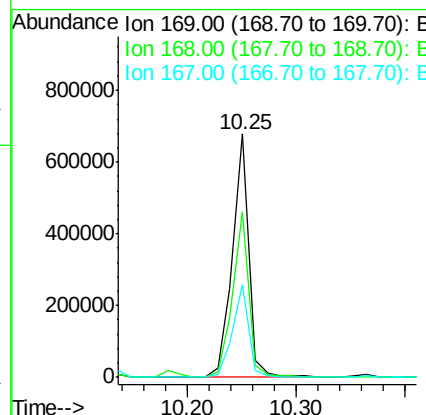
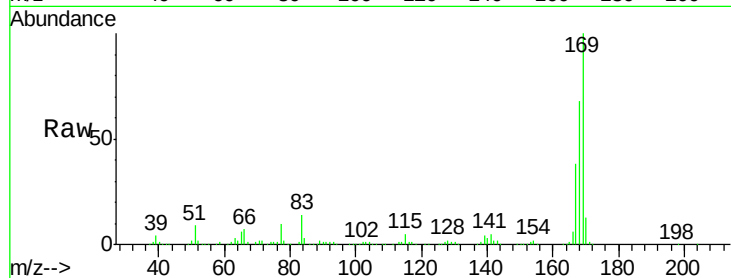
#65
 n-Nitrosodiphenylamine
 Concen: 45.45 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.9	54.2	81.4
167	38.2	30.3	45.5

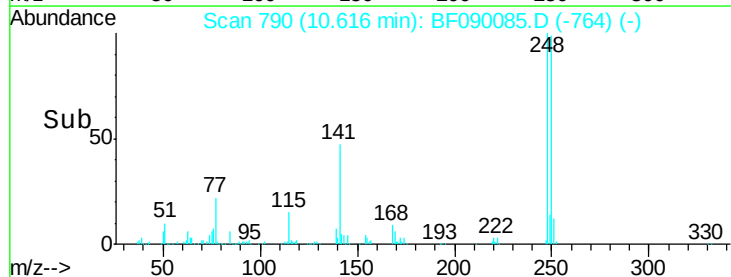
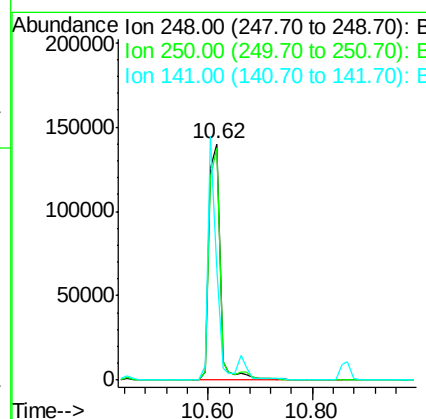
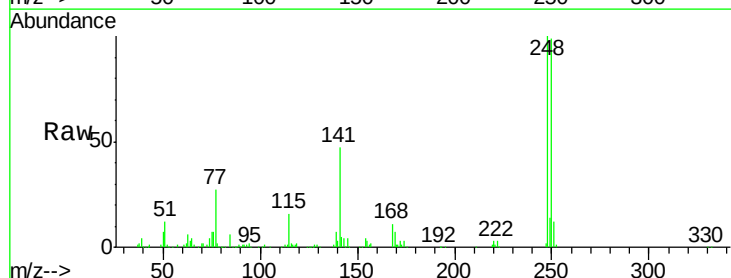
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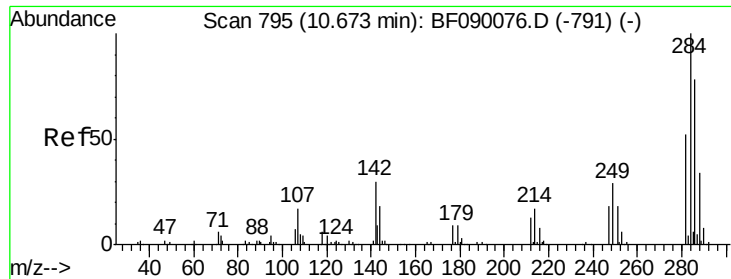
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#66
 4-Bromophenyl-phenylether
 Concen: 44.37 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.6	79.4	119.2
141	47.3	49.3	73.9#





#67

Hexachlorobenzene

Concen: 43.02 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

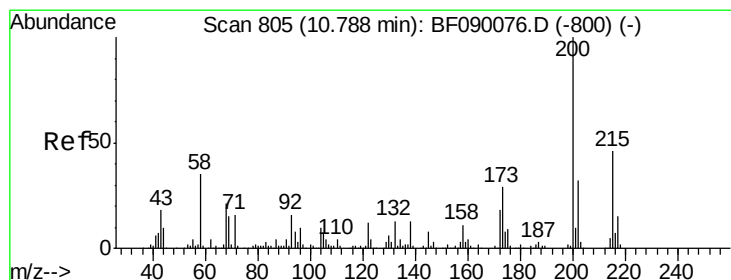
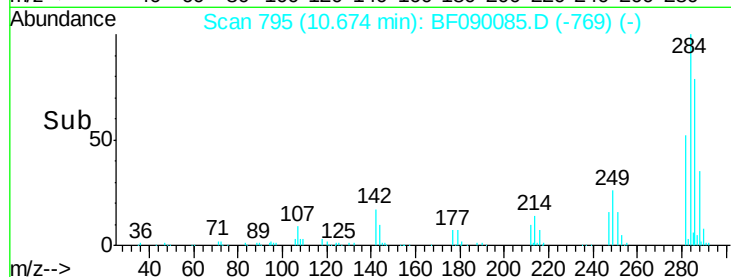
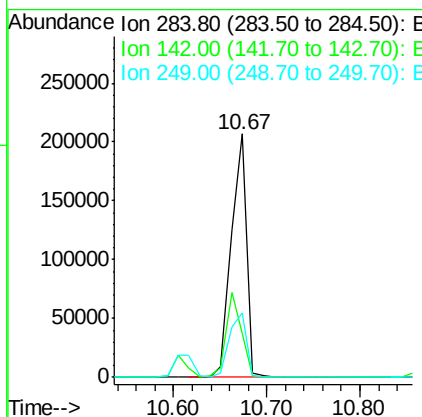
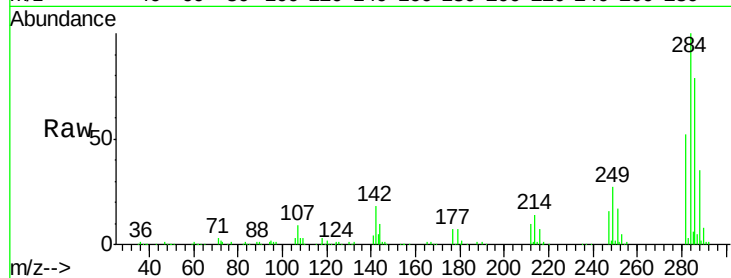
ClientSampled :

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Tgt Ion:	284	Resp:	239563
Ion Ratio		Lower	Upper
284	100		
142	17.9	24.0	36.0#
249	26.7	23.8	35.6

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#68

Atrazine

Concen: 43.40 ng

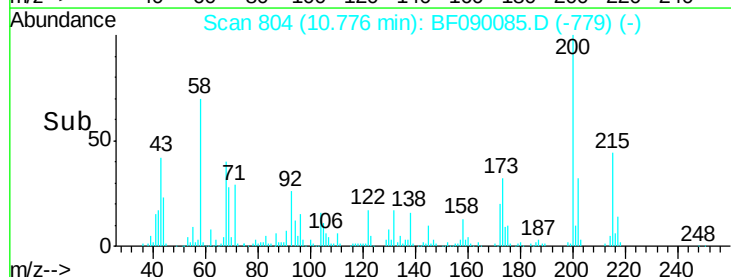
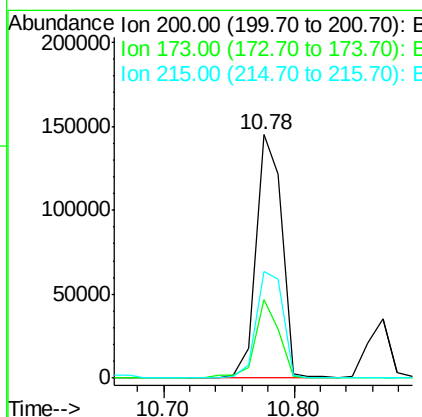
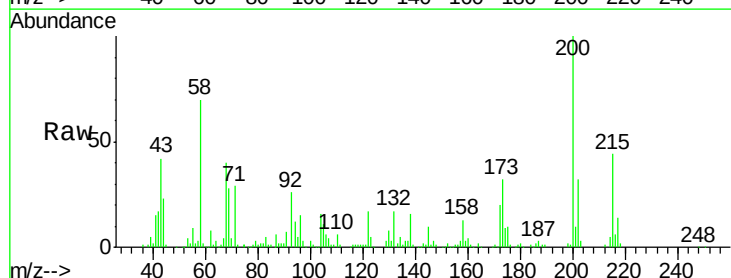
RT: 10.78 min Scan# 804

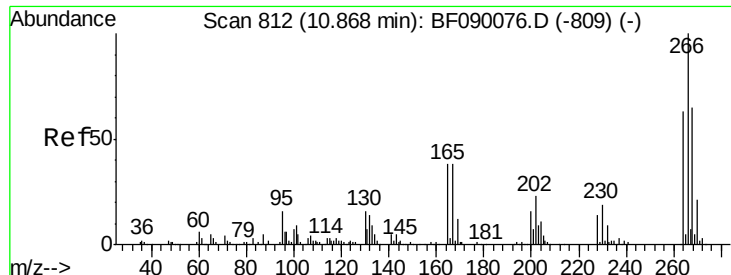
Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	200	Resp:	200315
Ion Ratio		Lower	Upper
200	100		
173	32.2	9.3	49.3
215	43.8	26.1	66.1





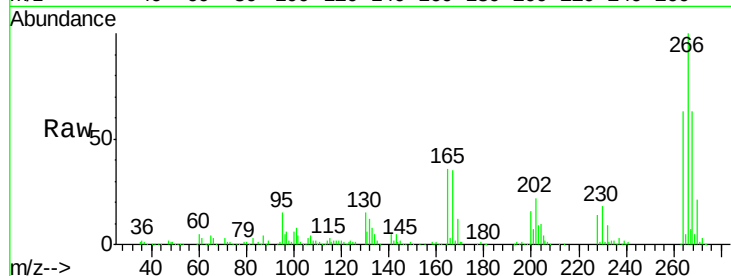
#69
 Pentachlorophenol
 Concen: 75.06 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

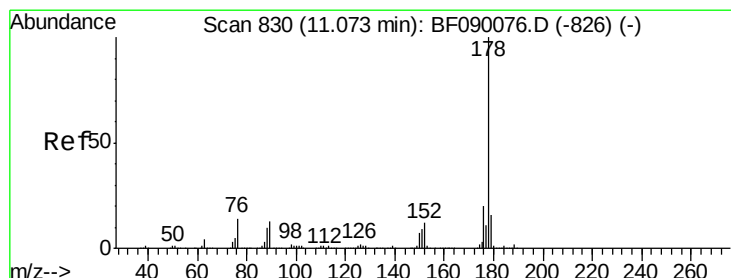
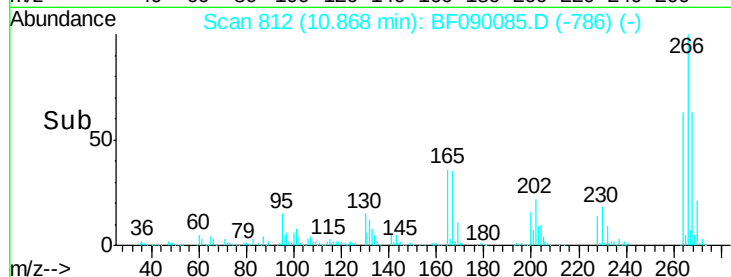
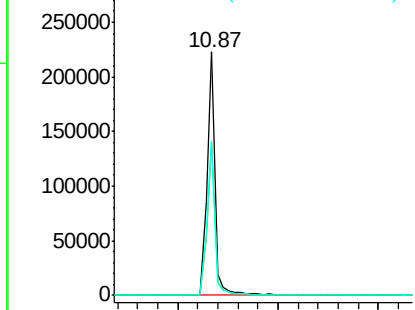
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	244892		
268	62.8	52.1	78.1	
264	63.2	50.3	75.5	

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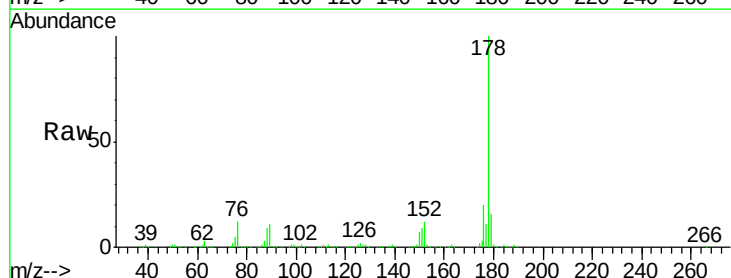


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

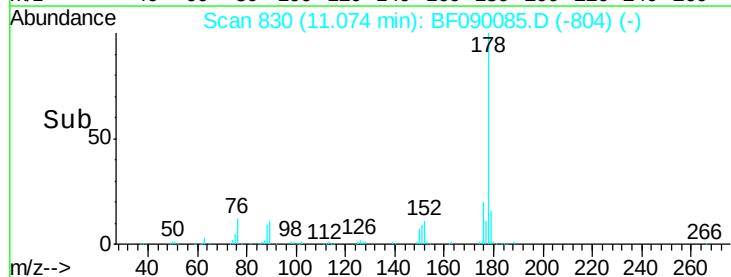
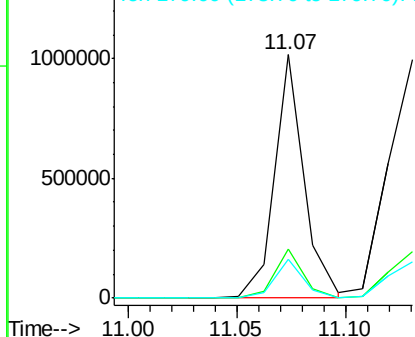


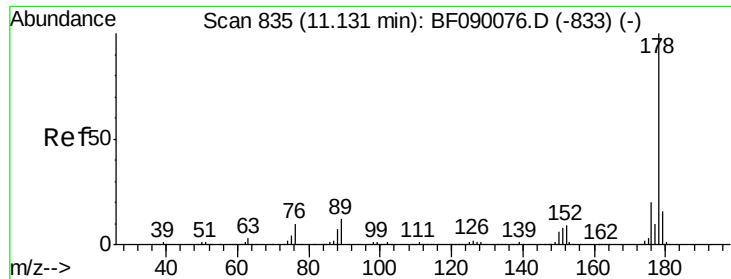
#70
 Phenanthrene
 Concen: 40.87 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	968194		
176	20.2	15.9	23.9	
179	15.8	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





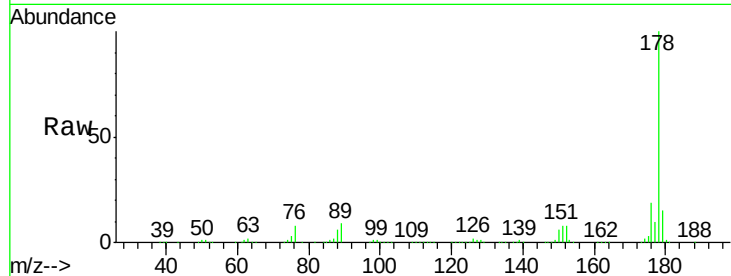
#71
 Anthracene
 Concen: 46.24 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

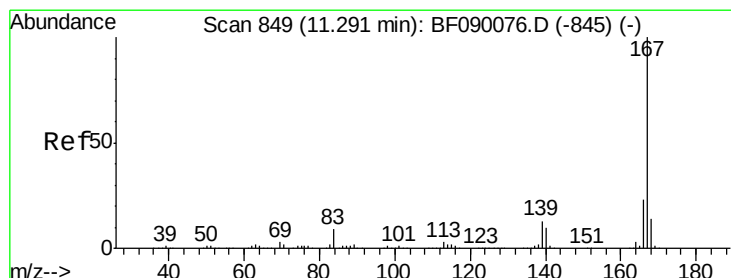
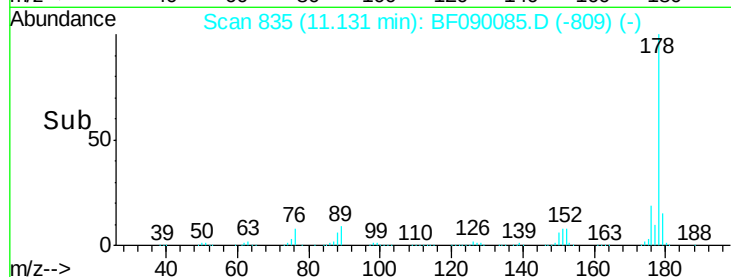
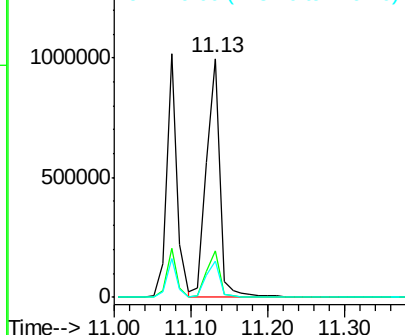
Tgt Ion:178 Resp: 1196071
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 12.6 19.0

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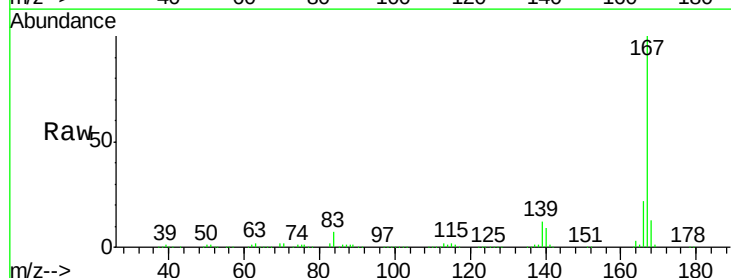


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

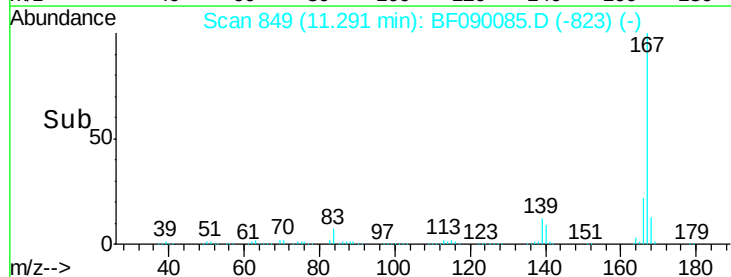
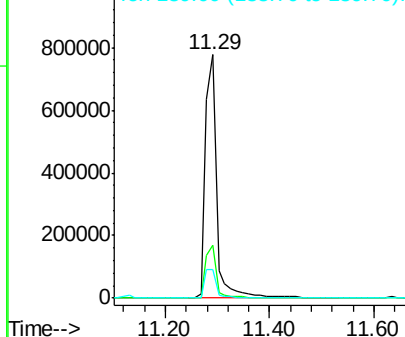


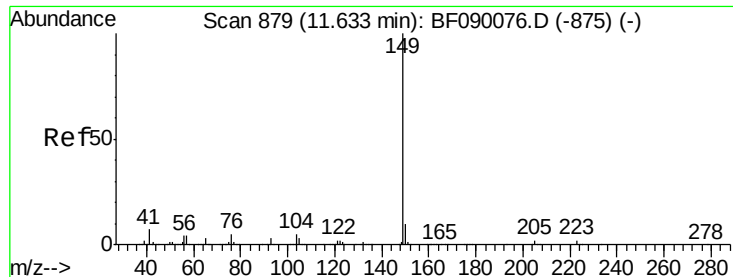
#72
 Carbazole
 Concen: 44.08 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion:167 Resp: 1169711
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 11.8 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.10 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PB93355BS

Tgt Ion:149 Resp: 1222977

Ion Ratio Lower Upper

149 100

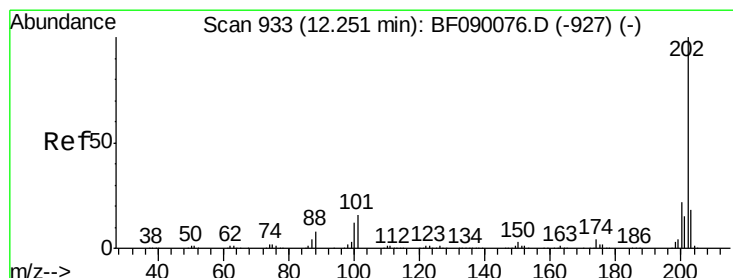
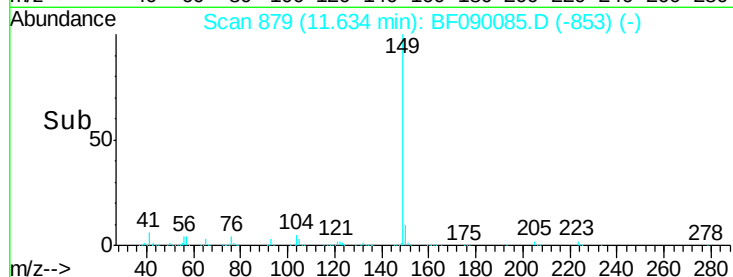
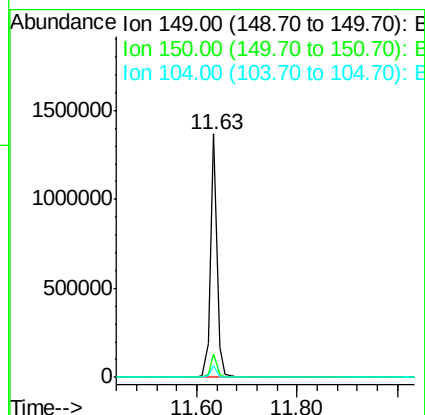
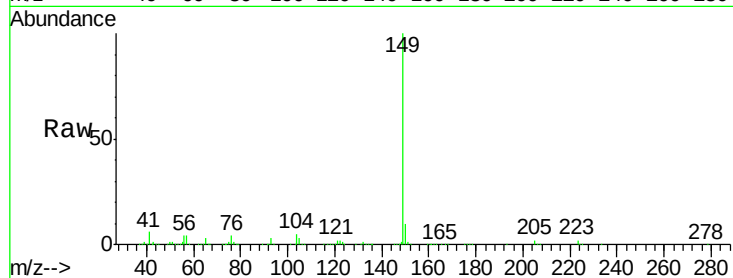
150 9.8 7.8 11.8

104 4.9 3.9 5.9

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#74

Fluoranthene

Concen: 43.87 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

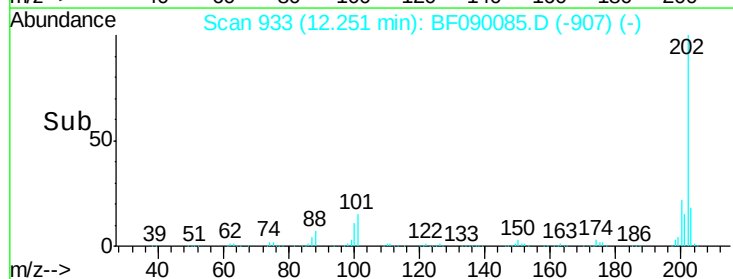
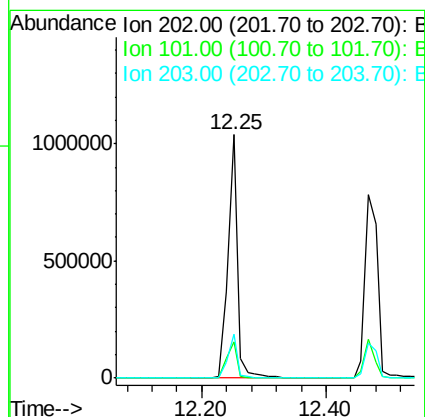
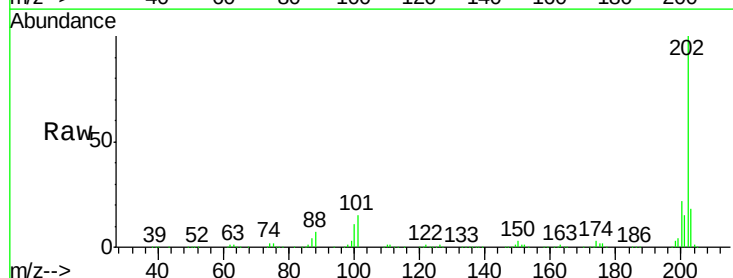
Tgt Ion:202 Resp: 1088982

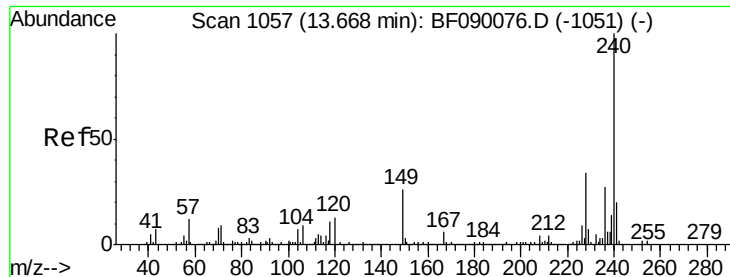
Ion Ratio Lower Upper

202 100

101 14.7 0.0 36.1

203 18.1 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

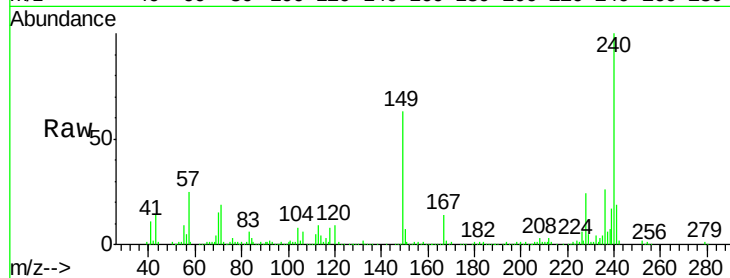
ClientSampleId :

PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328018		
120	9.1	10.6	16.0	
236	26.1	21.6	32.4	

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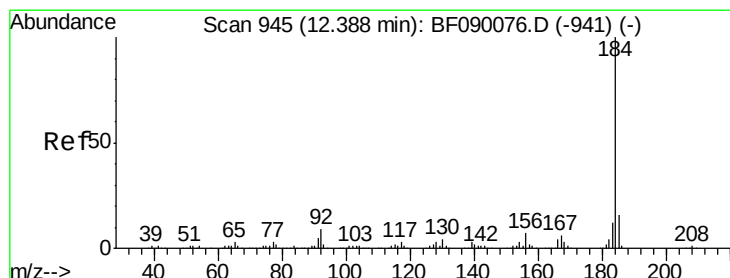
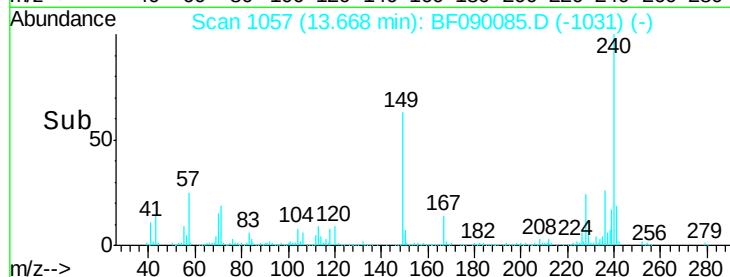
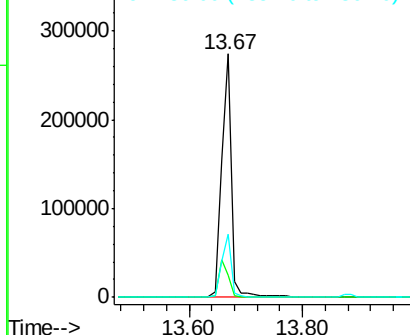
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.42 ng

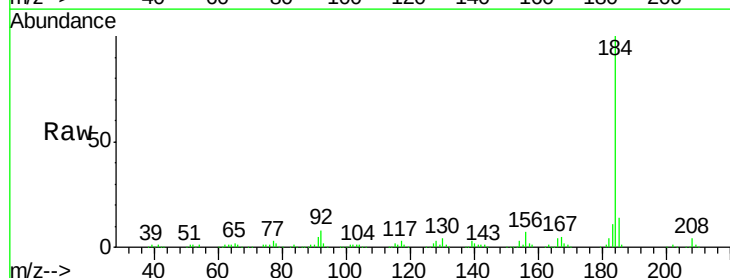
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

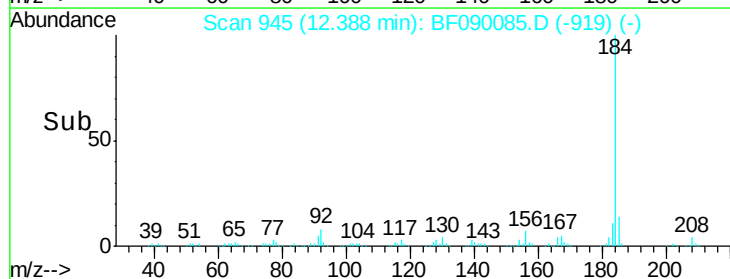
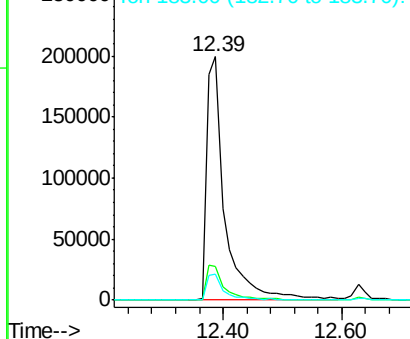
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	420401		
185	14.1	13.2	19.8	
183	10.9	9.2	13.8	

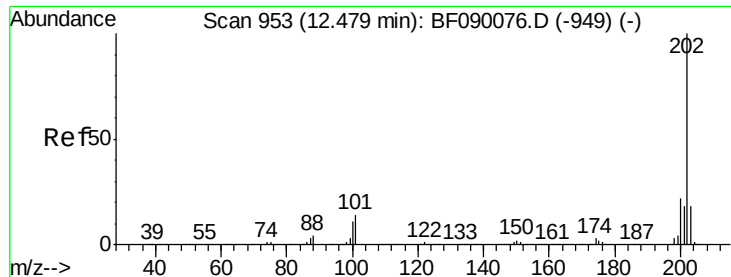


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





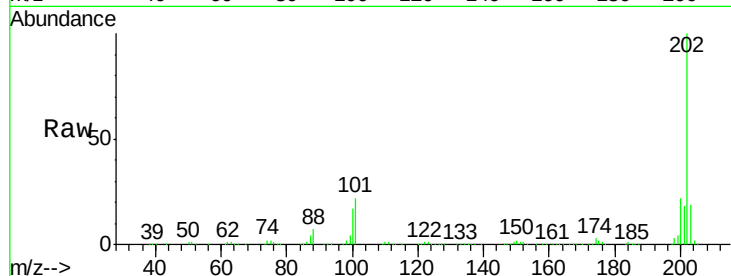
#77
Pyrene
 Concen: 45.38 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.9	14.2	21.4

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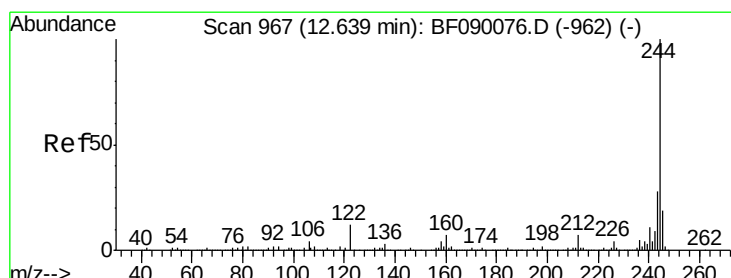
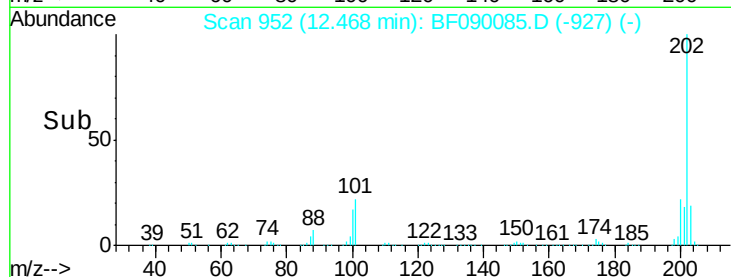
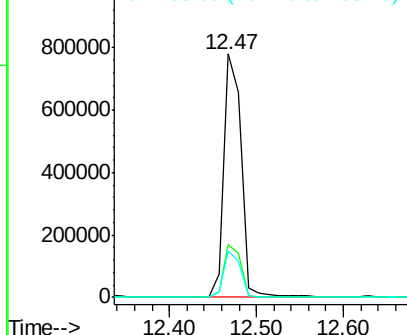


Abundance

Ion 202.00 (201.70 to 202.70): E

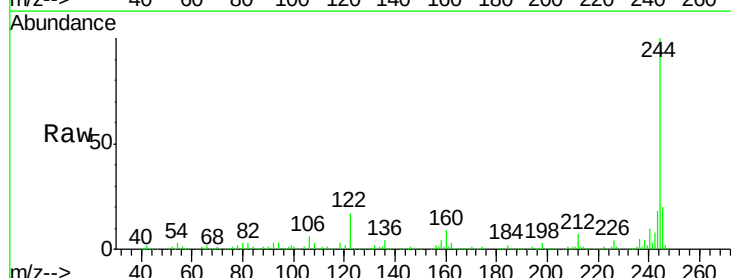
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
 Concen: 86.02 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	17.2	9.4	14.0

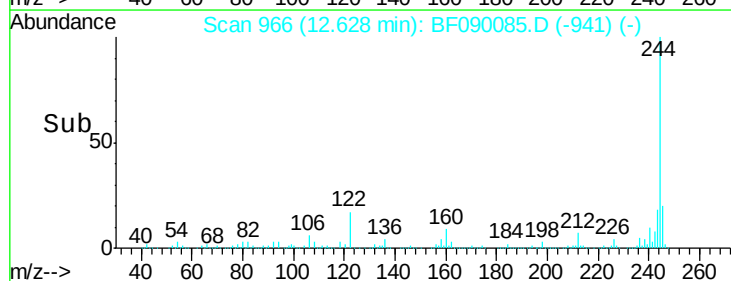
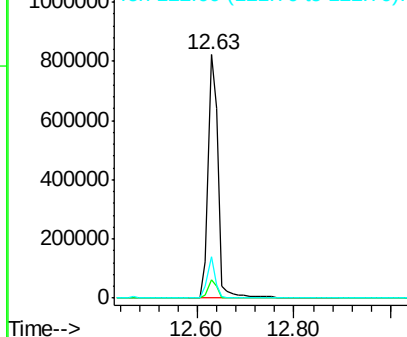


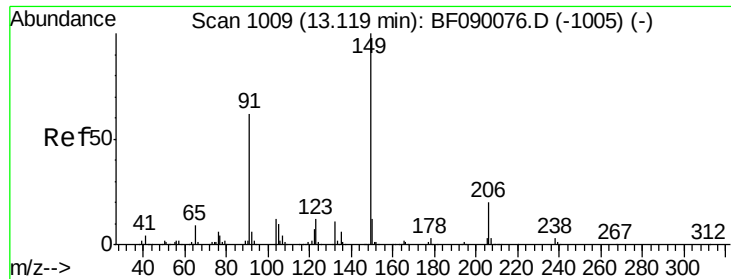
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





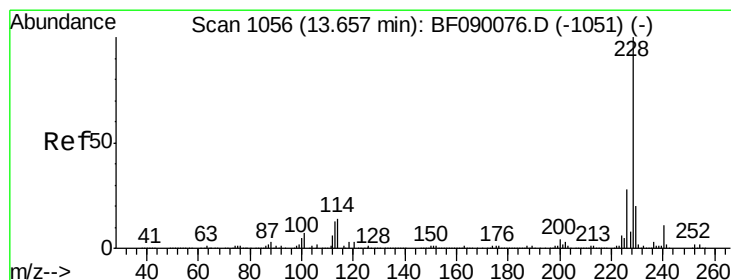
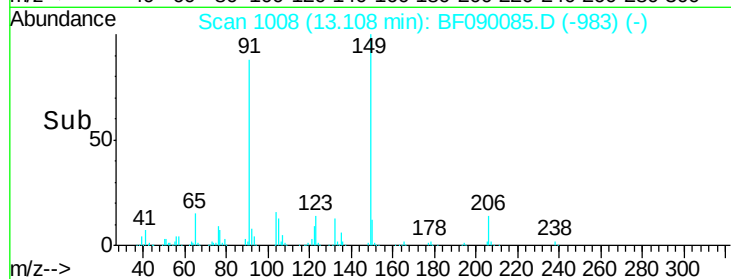
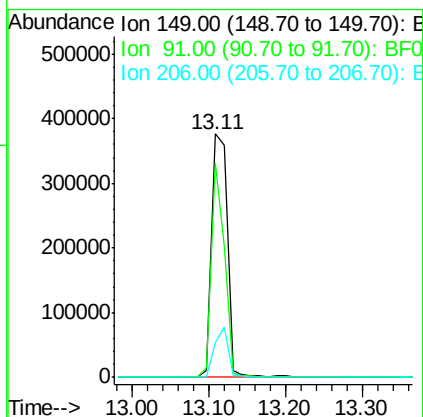
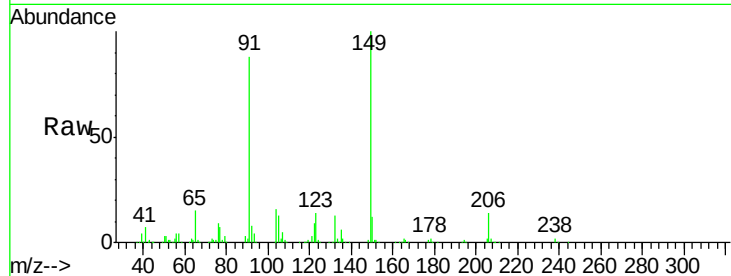
#79
Butylbenzylphthalate
Concen: 44.62 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	531950		
91	88.1	49.8	74.6#	
206	14.3	16.3	24.5#	

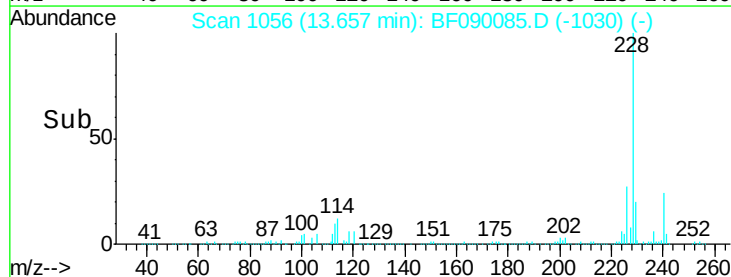
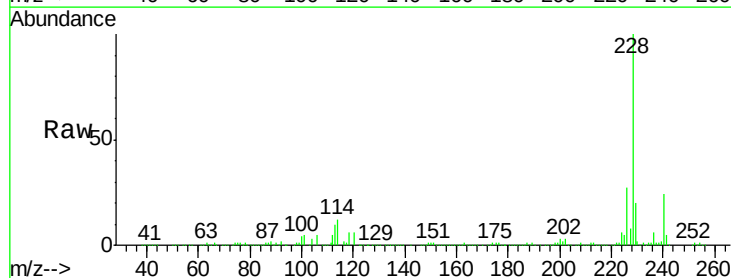
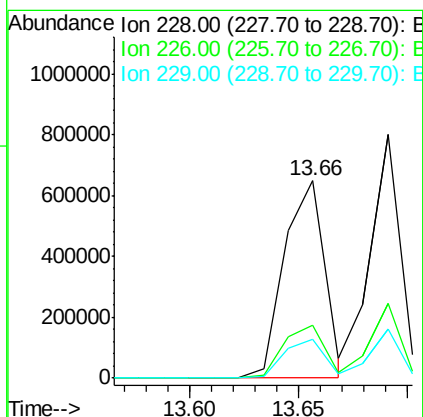
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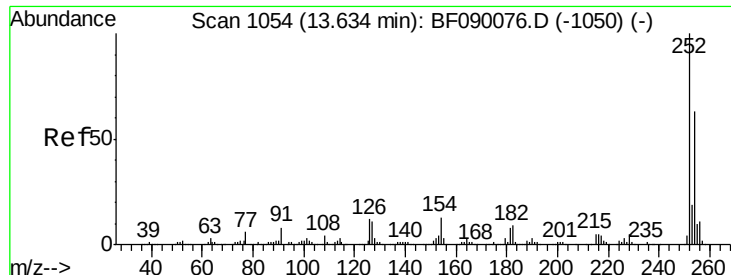
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#80
Benzo(a)anthracene
Concen: 44.05 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	843544		
226	27.1	22.0	33.0	
229	19.7	16.2	24.2	





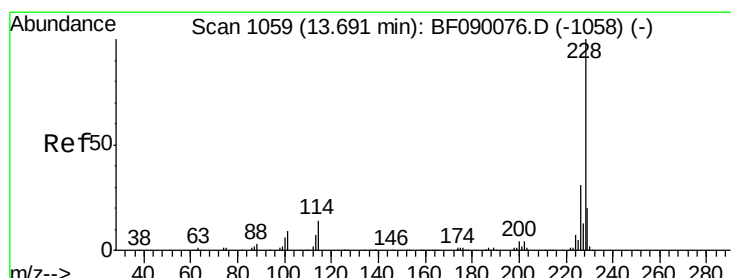
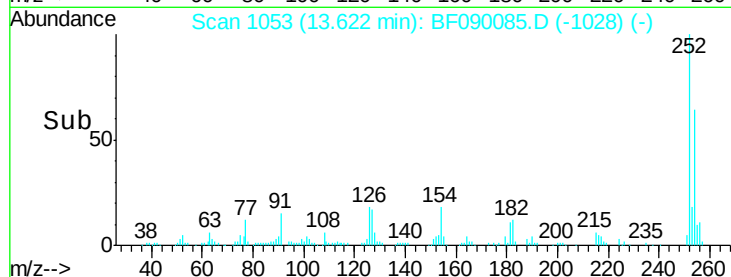
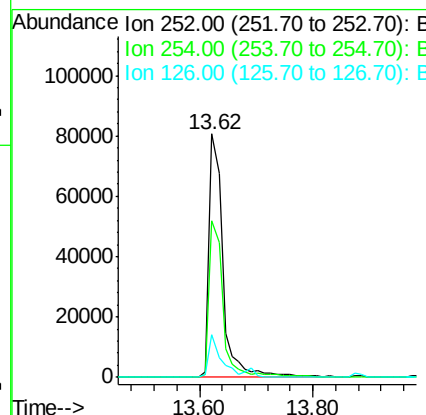
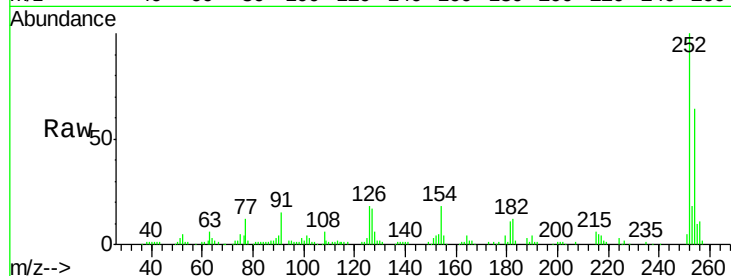
#81
 3,3'-Dichlorobenzidine
 Concen: 16.42 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampled :
 PB93355BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	131798		
254	64.1	50.7	76.1	
126	17.6	9.2	13.8	

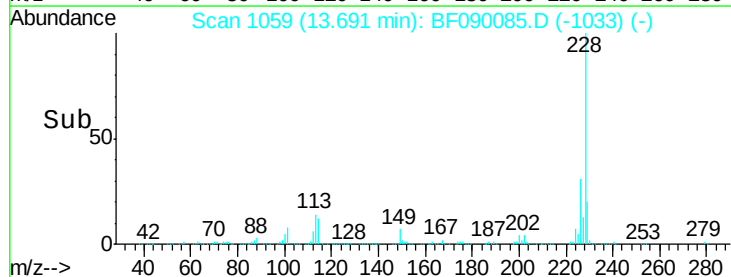
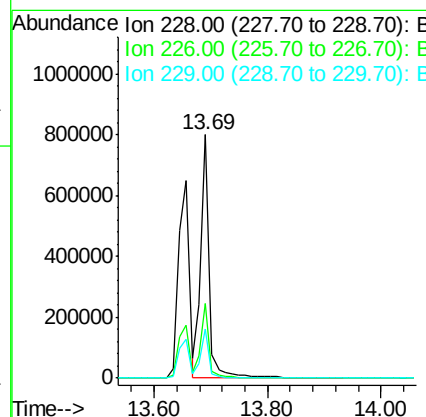
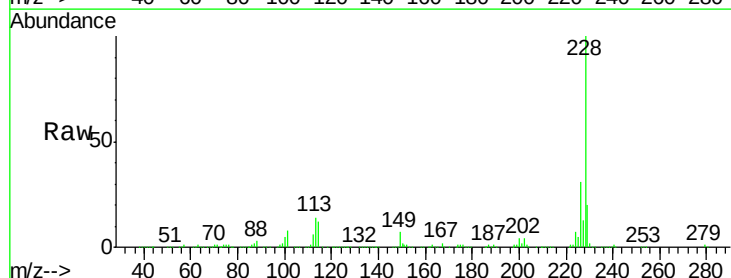
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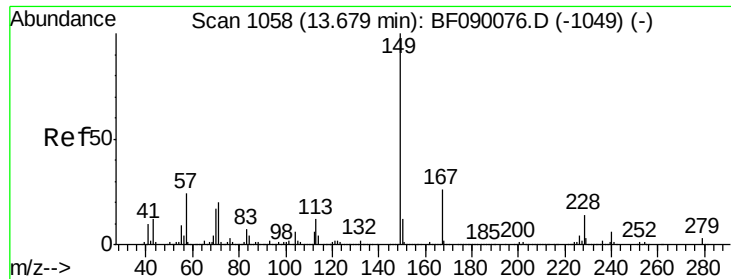
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#82
 Chrysene
 Concen: 44.93 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	837660		
226	30.7	24.6	37.0	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.36 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

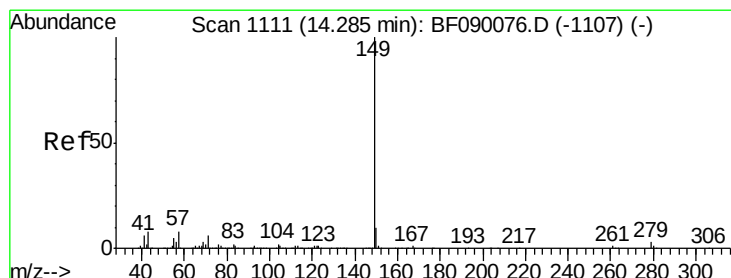
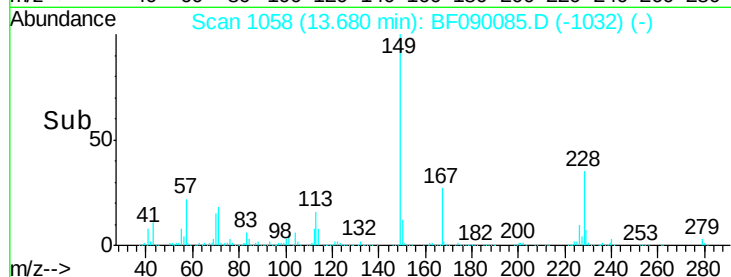
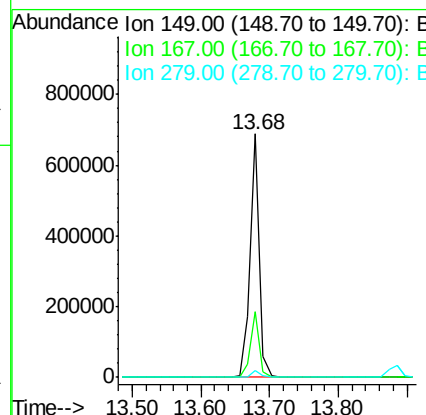
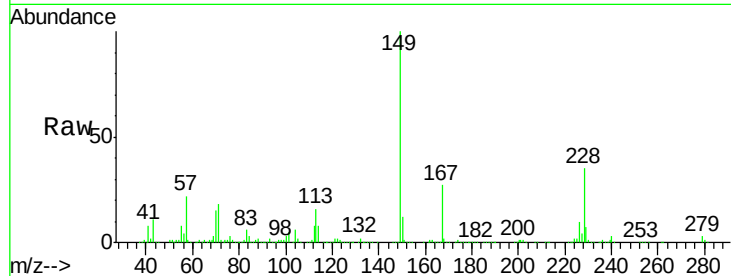
ClientSampleId :

PB93355BS

Tgt Ion:	149	Resp:	639412
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.2	31.8
279	2.9	2.2	3.2

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 38.88 ng

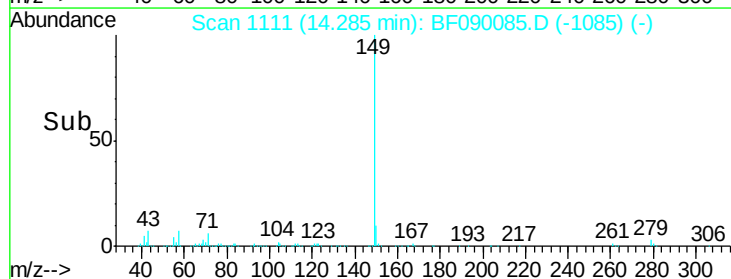
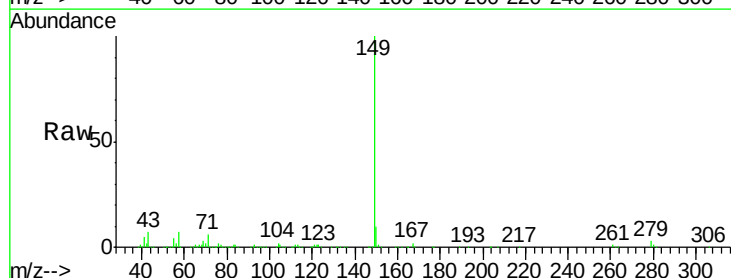
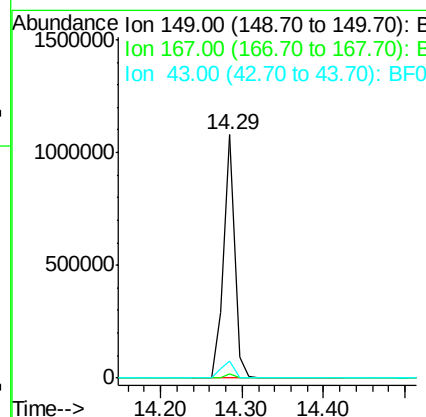
RT: 14.29 min Scan# 1111

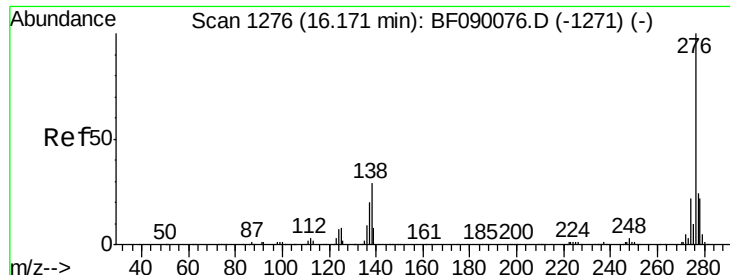
Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	149	Resp:	1024827
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.0	6.8	10.2





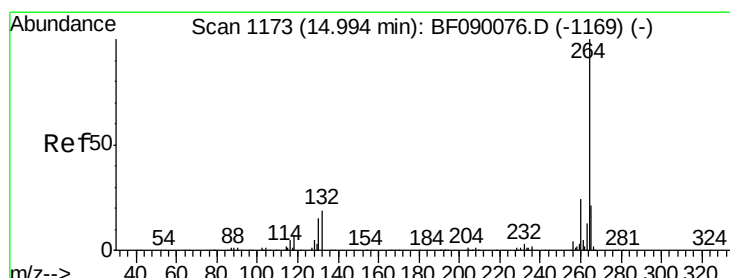
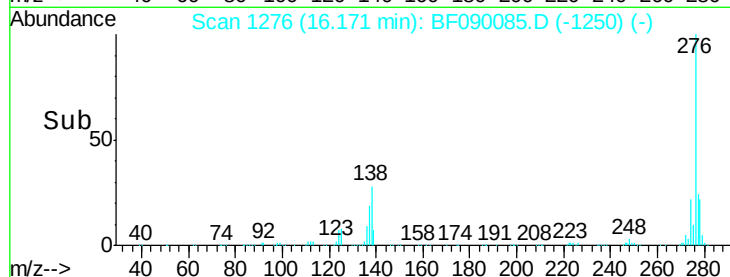
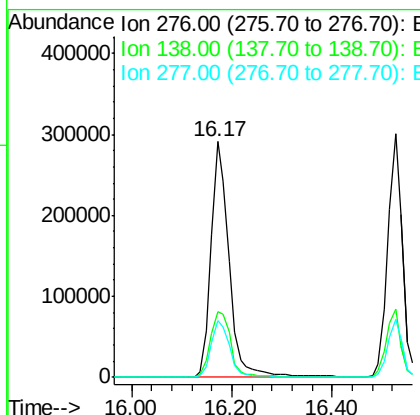
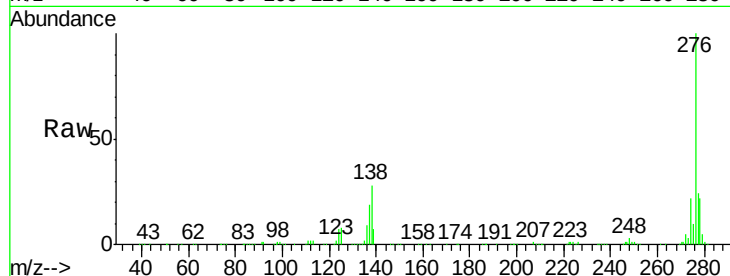
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.70 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.9	38.9
277	25.2	19.9	29.9

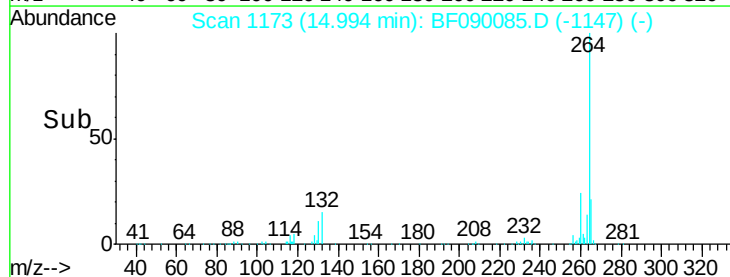
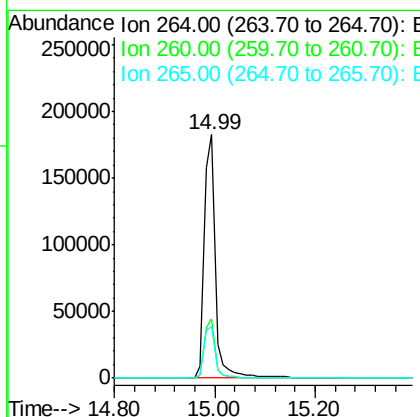
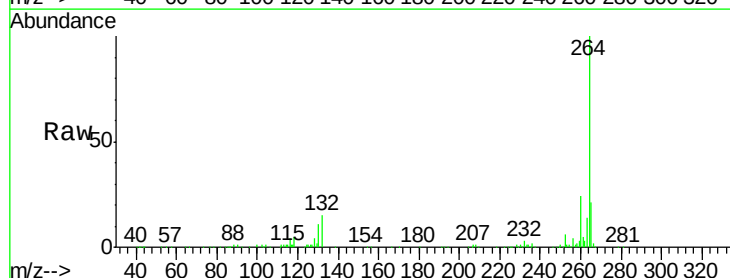
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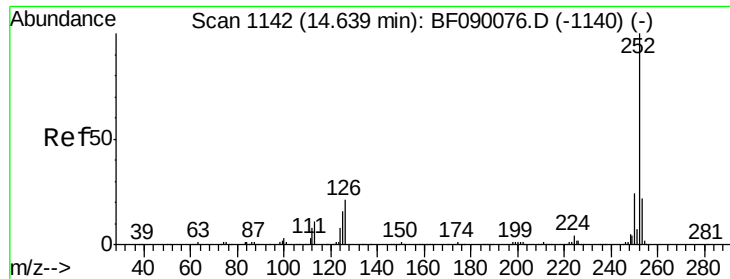
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 39.57 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Instrument :

BNA_F

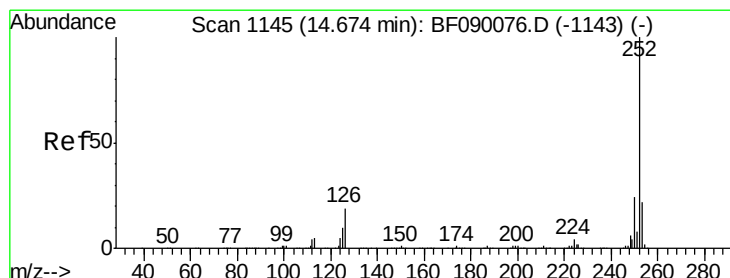
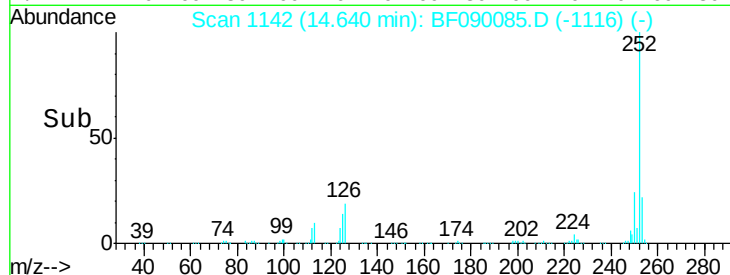
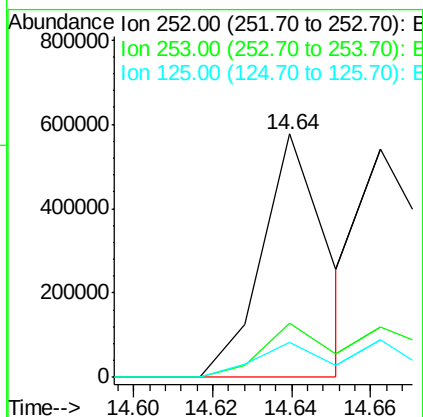
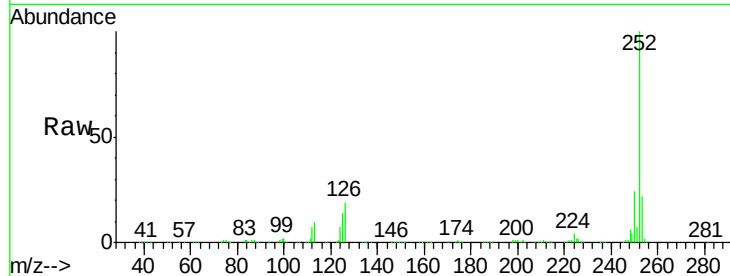
ClientSampleId :

PB93355BS

Tgt Ion:	252	Resp:	655914
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	14.2	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 44.54 ng m

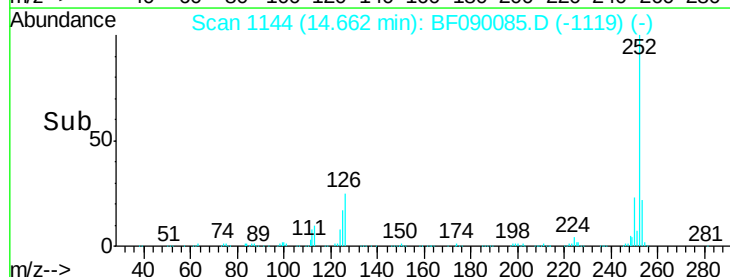
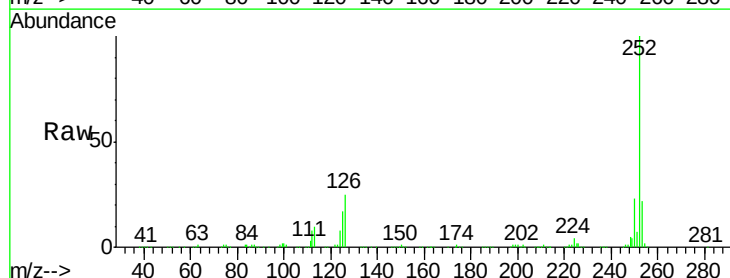
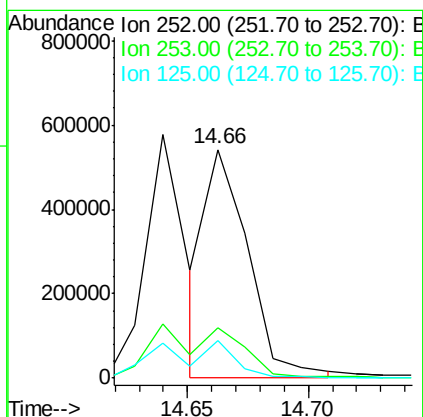
RT: 14.66 min Scan# 1144

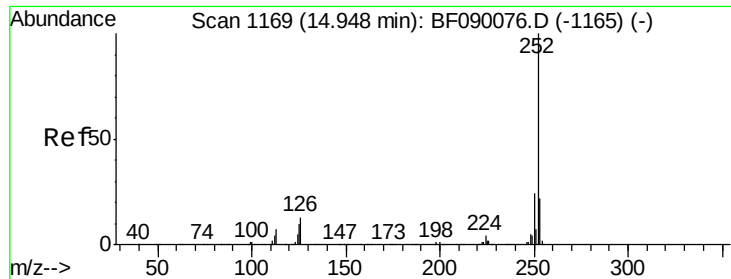
Delta R.T. -0.01 min

Lab File: BF090085.D

Acq: 15 Sep 2016 11:56

Tgt Ion:	252	Resp:	664686
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	16.5	7.8	11.6#





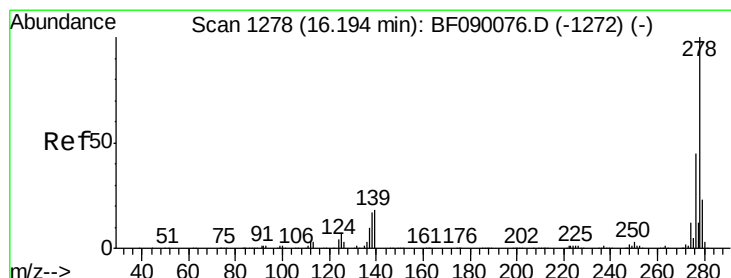
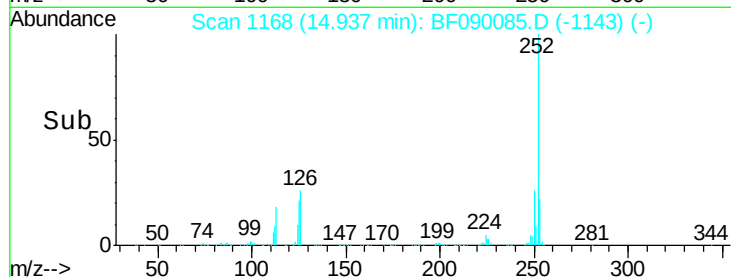
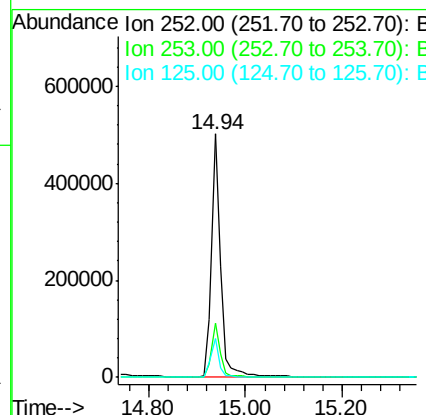
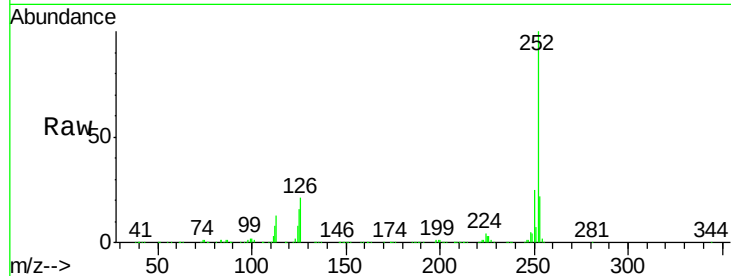
#89
Benzo(a)pyrene
Concen: 44.31 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PB93355BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	15.9	7.7	11.5

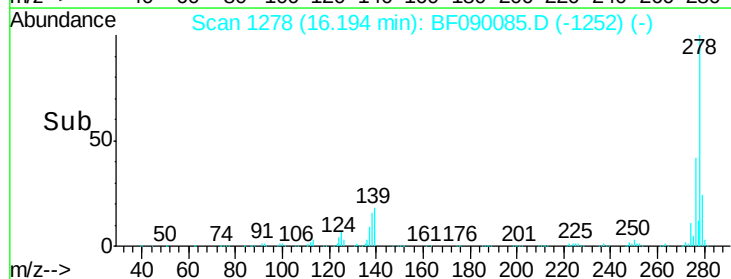
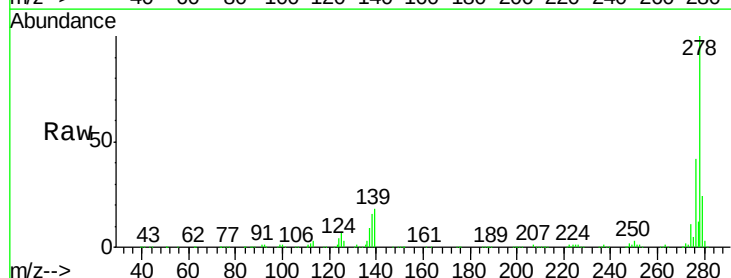
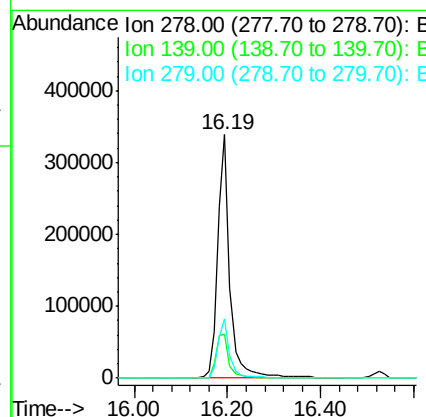
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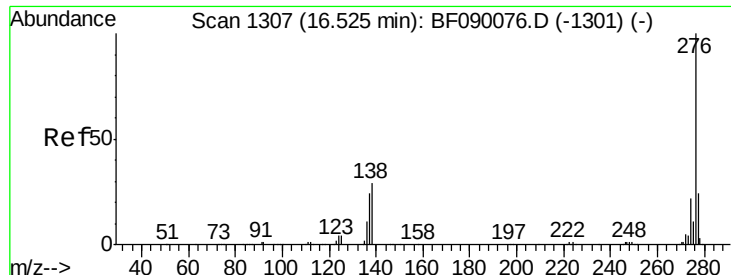
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#90
Dibenzo(a,h)anthracene
Concen: 53.24 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF090085.D
Acq: 15 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	21.8
279	24.3	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 56.57 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF090085.D
 Acq: 15 Sep 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BS

Tgt Ion:	276	Resp:	628409
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.9	28.3
138	28.2	23.3	34.9

Manual Integrations
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