

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084900.D
 Acq On : 6 Feb 2016 9:55
 Operator : SJ/IZ
 Sample : H1329-09MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Manual Integrations
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 2/8/2016 3:03:34 PM

Quant Time: Feb 08 02:26:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173648	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	701112	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	306882	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	503143	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	295621	20.00	ng	-0.03
86) Perylene-d12	15.17	264	326203	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1351073	121.19	ng	-0.01
7) Phenol-d6	6.33	99	1753860	126.90	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1152727	92.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	351053	109.67	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1770384	105.83	ng	-0.02
78) Terphenyl-d14	12.76	244	1154566	88.50	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.21	88	173826	35.60	ng	# 77
3) Pyridine	2.86	79	468303	36.81	ng	# 75
4) n-Nitrosodimethylamine	2.83	42	287958	43.76	ng	# 84
6) Aniline	6.33	93	236986	14.01	ng	# 26
8) 2-Chlorophenol	6.45	128	586222	46.45	ng	# 98
9) Benzaldehyde	6.20	77	215062	26.35	ng	# 95
10) Phenol	6.34	94	788509	50.93	ng	# 89
11) bis(2-Chloroethyl)ether	6.41	93	501550m	41.54	ng	# 94
12) 1,3-Dichlorobenzene	6.60	146	579093m	43.43	ng	# 97
13) 1,4-Dichlorobenzene	6.68	146	589220	44.21	ng	# 92
14) 1,2-Dichlorobenzene	6.83	146	490636	39.52	ng	# 96
15) Benzyl Alcohol	6.82	79	423444	44.37	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	827277	40.73	ng	# 100
17) 2-Methylphenol	6.94	107	450597	45.15	ng	# 74
18) Hexachloroethane	7.17	117	221329	43.12	ng	# 91
19) n-Nitroso-di-n-propylamine	7.09	70	362540	41.85	ng	# 99
20) 3+4-Methylphenols	7.10	107	579299	46.76	ng	# 96
22) Acetophenone	7.08	105	760374	41.15	ng	# 93
24) Nitrobenzene	7.25	77	518430	38.90	ng	# 87
25) Isophorone	7.50	82	1030664	42.59	ng	# 88
26) 2-Nitrophenol	7.57	139	301167	45.82	ng	# 99
27) 2,4-Dimethylphenol	7.63	122	469399	41.05	ng	# 94
28) bis(2-Chloroethoxy)methane	7.71	93	632693	44.07	ng	# 97
29) 2,4-Dichlorophenol	7.82	162	456037	46.62	ng	# 99
30) 1,2,4-Trichlorobenzene	7.89	180	451322	40.85	ng	# 99
31) Naphthalene	7.97	128	1523207	43.31	ng	# 93
33) 4-Chloroaniline	8.03	127	109246	7.51	ng	# 99
34) Hexachlorobutadiene	8.10	225	271620	42.63	ng	# 98
35) Caprolactam	8.41	113	133084m	44.14	ng	# 96
36) 4-Chloro-3-methylphenol	8.53	107	478690	42.89	ng	# 99
37) 2-Methylnaphthalene	8.66	142	987144	44.85	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	420939	43.19	ng	# 99
40) Hexachlorocyclopentadiene	8.82	237	230772	59.87	ng	# 92
42) 2,4,6-Trichlorophenol	8.96	196	279722	44.55	ng	

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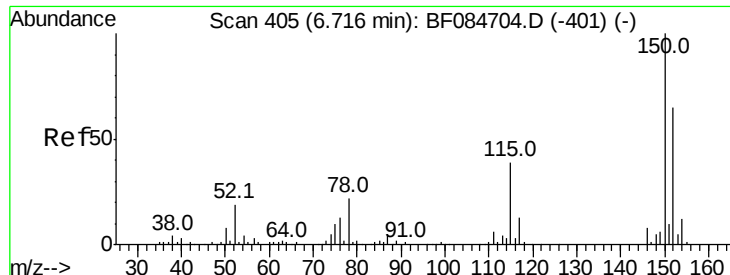
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	278526	43.66	nq	# 82
45) 1,1'-Biphenyl	9.13	154	1083590	39.53	nq	99
46) 2-Chloronaphthalene	9.15	162	868950	43.05	nq	94
47) 2-Nitroaniline	9.25	65	273520	42.79	nq	97
48) Acenaphthylene	9.56	152	1201869	39.24	nq	98
49) Dimethylphthalate	9.45	163	1585845	67.85	nq	# 91
50) 2,6-Dinitrotoluene	9.50	165	251020	49.16	nq	96
51) Acenaphthene	9.73	154	769630	38.62	nq	98
52) 3-Nitroaniline	9.66	138	142276	24.80	nq	87
53) 2,4-Dinitrophenol	9.78	184	19410	13.44	nq	90
54) Dibenzofuran	9.90	168	1064289	43.70	nq	93
55) 4-Nitrophenol	9.85	139	246763	58.52	nq	# 78
56) 2,4-Dinitrotoluene	9.90	165	297607	45.70	nq	# 86
57) Fluorene	10.25	166	859667	42.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	224744	46.27	nq	93
59) Diethylphthalate	10.13	149	947194	41.50	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	425613	50.73	nq	88
61) 4-Nitroaniline	10.28	138	234772	41.99	nq	88
62) Azobenzene	10.40	77	1003642	45.73	nq	85
64) 4,6-Dinitro-2-methylphenol	10.30	198	64883	20.89	nq	# 50
65) n-Nitrosodiphenylamine	10.36	169	740834	46.37	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	251499	45.26	nq	# 77
67) Hexachlorobenzene	10.80	284	292565	48.32	nq	# 91
68) Atrazine	10.90	200	244657	48.49	nq	98
69) Pentachlorophenol	10.99	266	217891	76.57	nq	98
70) Phenanthrene	11.21	178	1293692	46.36	nq	99
71) Anthracene	11.25	178	1219971	43.39	nq	99
72) Carbazole	11.41	167	1018870	41.55	nq	99
73) Di-n-butylphthalate	11.76	149	1465689	46.95	nq	# 98
74) Fluoranthene	12.39	202	1137536	40.27	nq	97
76) Benzidine	12.51	184	357113	34.07	nq	99
77) Pyrene	12.61	202	1164935	51.47	nq	99
79) Butylbenzylphthalate	13.24	149	479520	46.70	nq	92
80) Benzo(a)anthracene	13.80	228	877579	47.83	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	179079	27.57	nq	# 96
82) Chrysene	13.84	228	871645	48.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	641420	50.20	nq	# 99
84) Di-n-octyl phthalate	14.42	149	1118439	53.05	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.45	276	843931	60.26	nq	99
87) Benzo(b)fluoranthene	14.81	252	1059420m	48.34	nq	
88) Benzo(k)fluoranthene	14.83	252	607952m	33.55	nq	
89) Benzo(a)pyrene	15.13	252	838224	44.89	nq	98
90) Dibenzo(a,h)anthracene	16.47	278	702592	44.69	nq	98
91) Benzo(g,h,i)perylene	16.84	276	680615	42.98	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

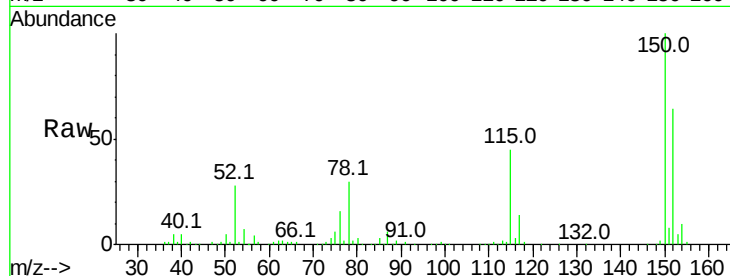
ClientSampleId :

S4-B009(5-7)MSD

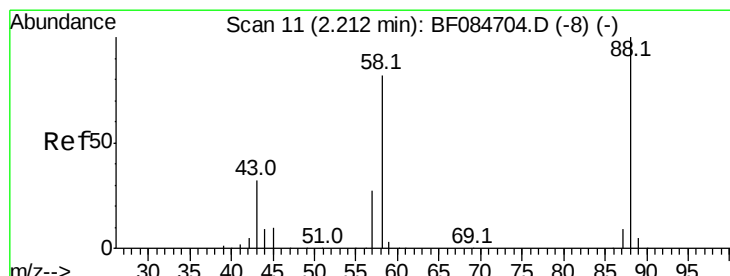
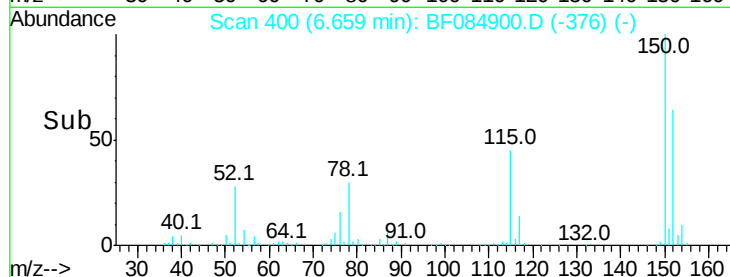
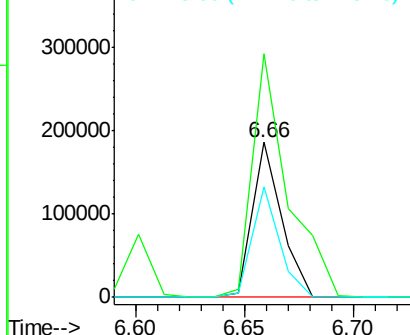
Tot Ion:	152	Resp:	173648
Ion Ratio	Lower	Upper	
152	100		
150	157.2	123.0	184.4
115	71.1	51.4	77.2

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



#2

1,4-Dioxane

Concen: 35.60 ng

RT: 2.21 min Scan# 11

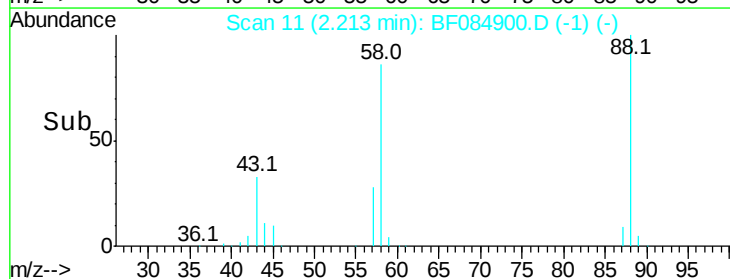
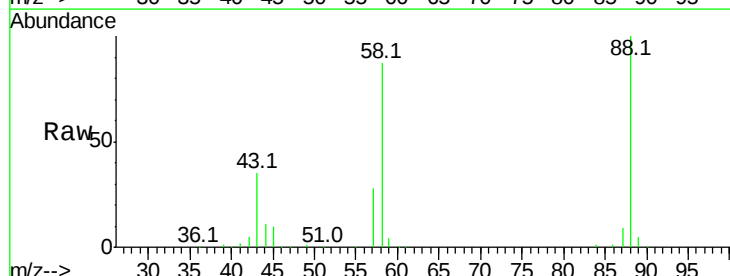
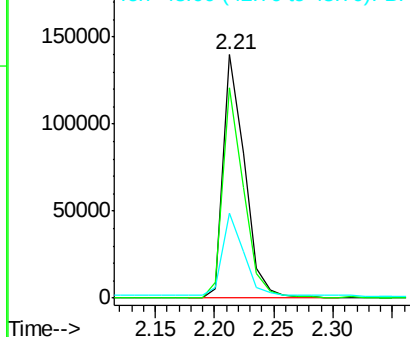
Delta R.T. 0.03 min

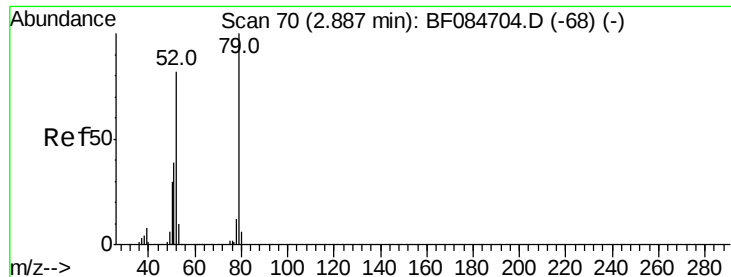
Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	88	Resp:	173826
Ion Ratio	Lower	Upper	
88	100		
58	83.8	51.2	76.8#
43	33.7	19.5	29.3#

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.81 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

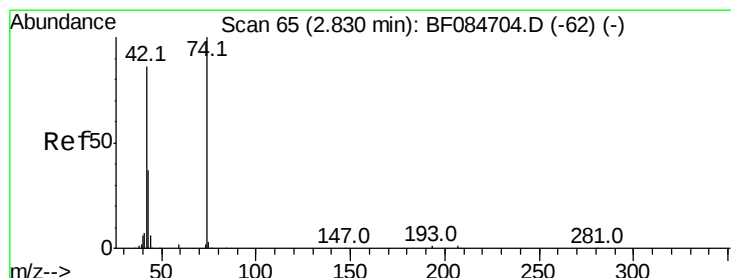
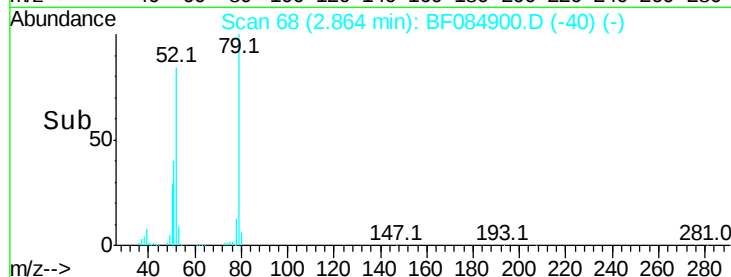
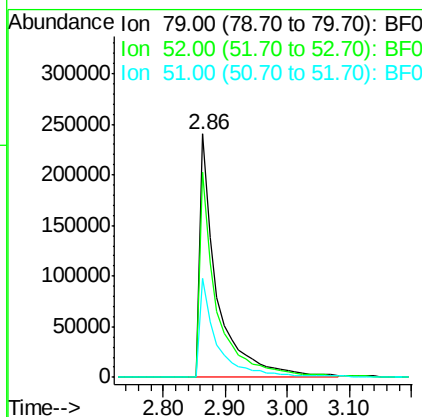
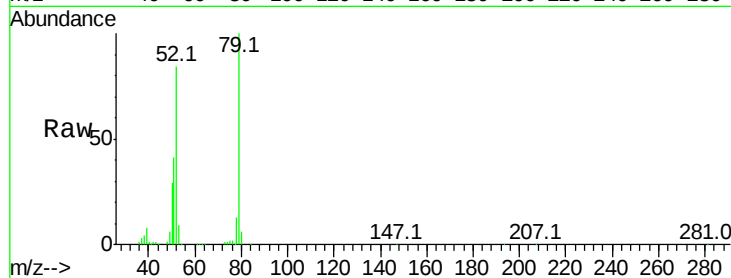
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.0	49.0	73.4#
51	40.6	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 43.76 ng

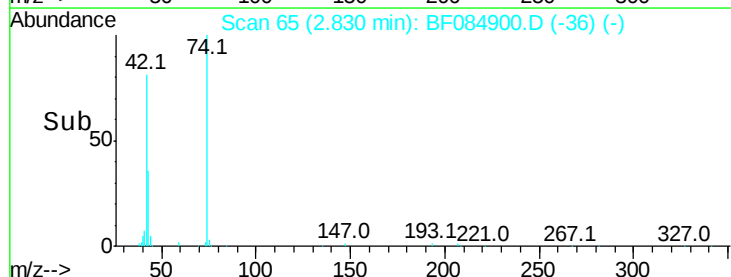
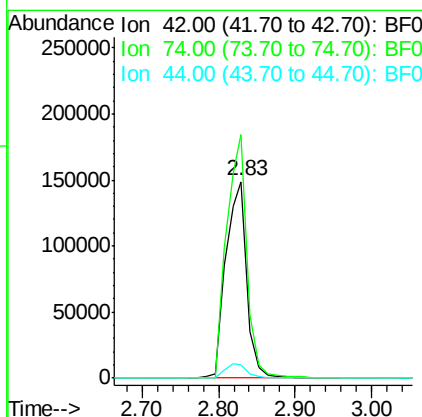
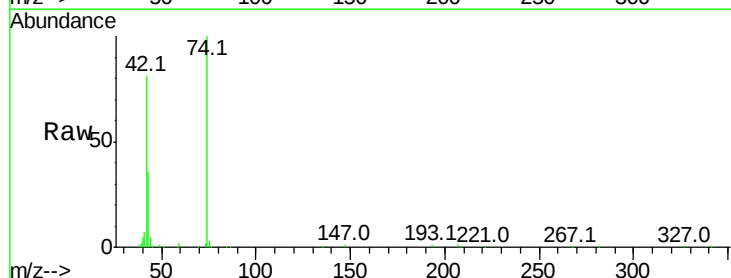
RT: 2.83 min Scan# 65

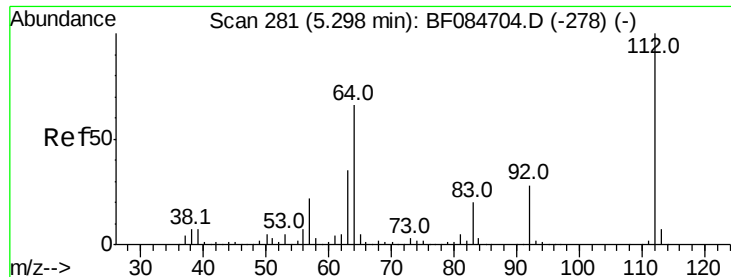
Delta R.T. 0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.8	115.7	173.5
44	6.7	5.1	7.7





#5

2-Fluorophenol

Concen: 121.19 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

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S4-B009(5-7)MSD

Tot Ion:112 Resp: 1351073

Ion Ratio Lower Upper

112 100

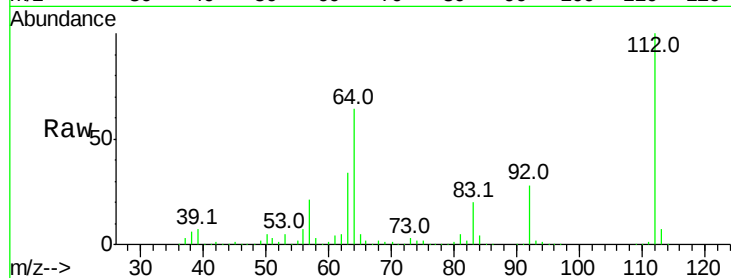
64 64.3 36.6 55.0#

63 33.7 19.4 29.0#

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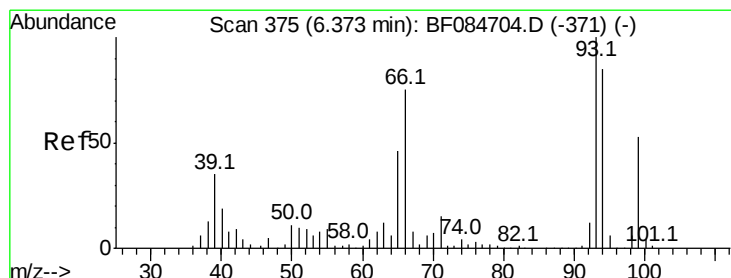
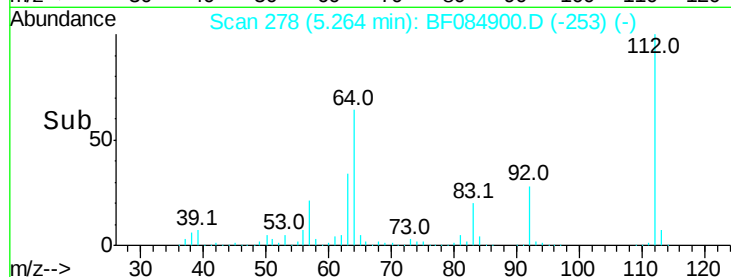
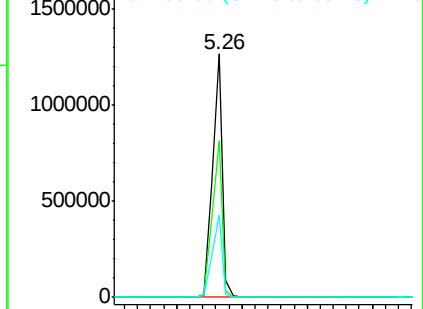
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.01 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

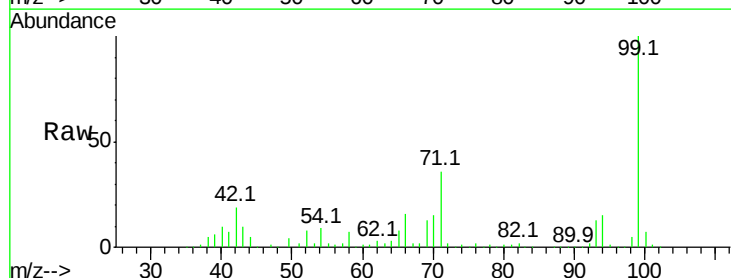
Tgt Ion: 93 Resp: 236986

Ion Ratio Lower Upper

93 100

66 116.9 44.9 67.3#

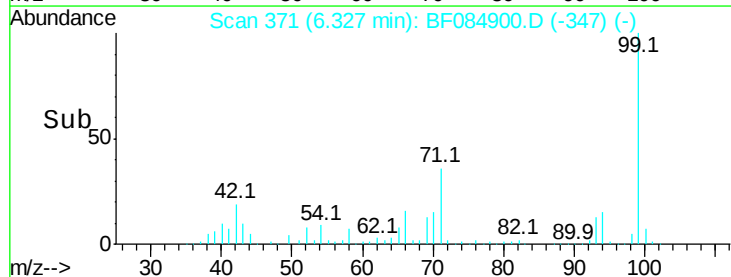
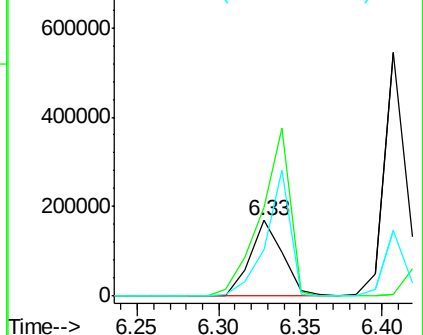
65 60.8 23.7 35.5#

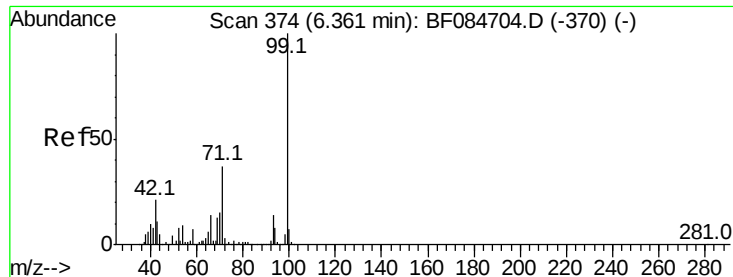


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.90 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion: 99 Resp: 1753860

Ion Ratio Lower Upper

99 100

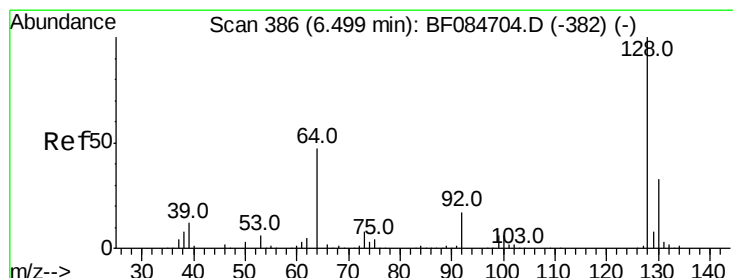
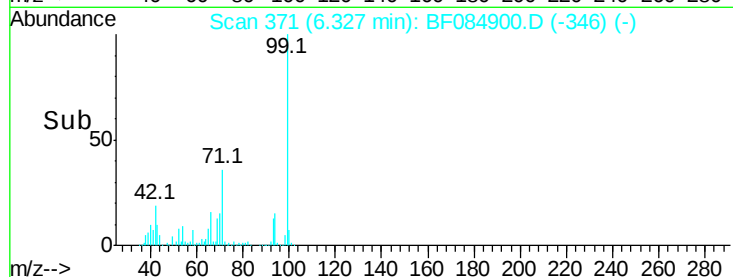
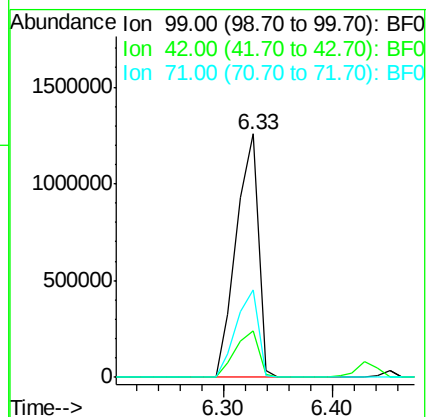
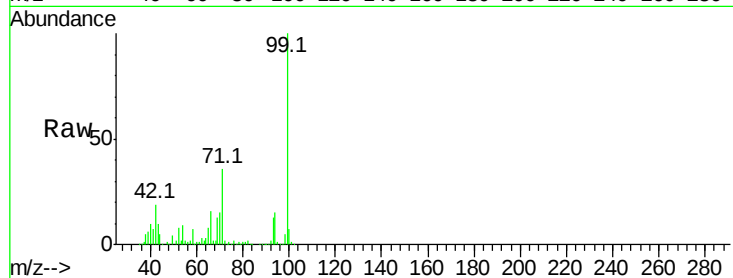
42 19.1 12.8 19.2

71 35.9 30.9 46.3

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#8

2-Chlorophenol

Concen: 46.45 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

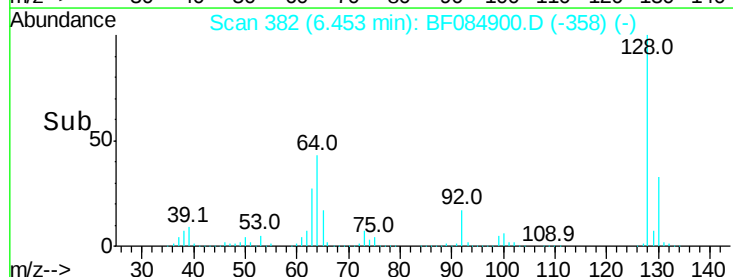
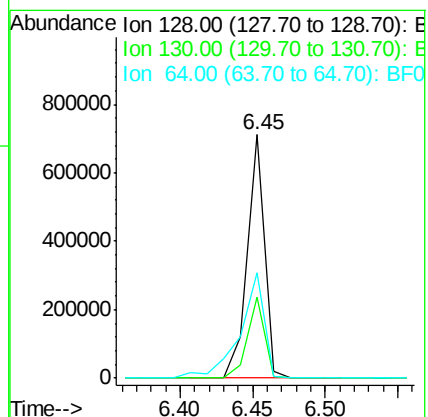
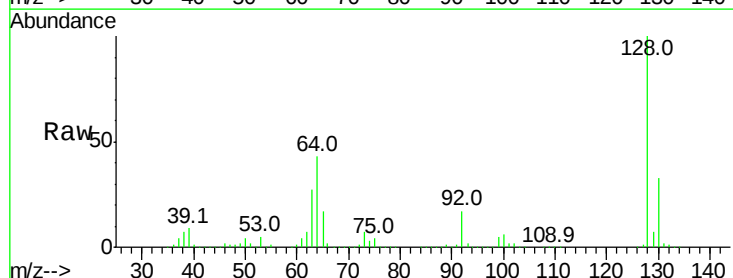
Tgt Ion:128 Resp: 586222

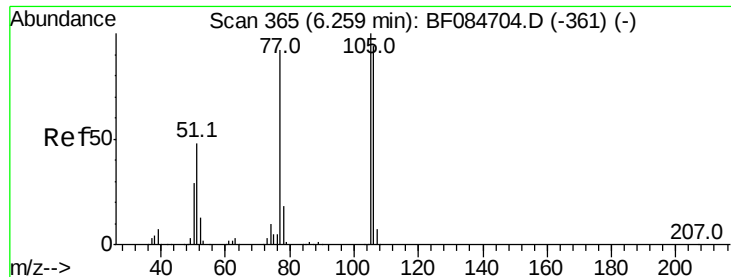
Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

64 43.3 23.8 63.8





#9

Benzaldehyde

Concen: 26.35 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

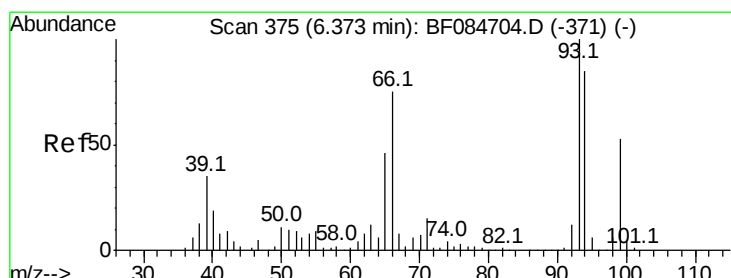
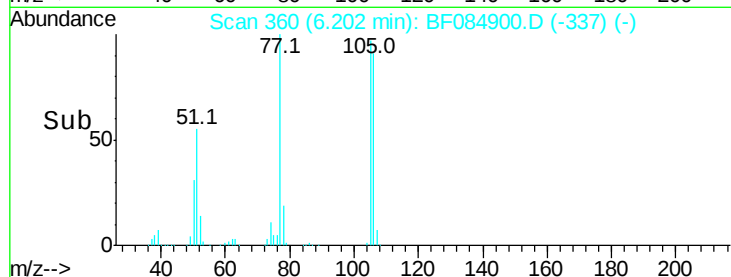
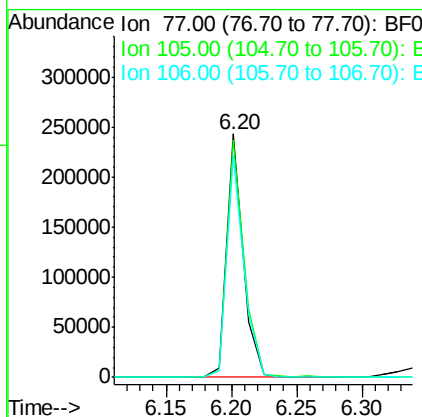
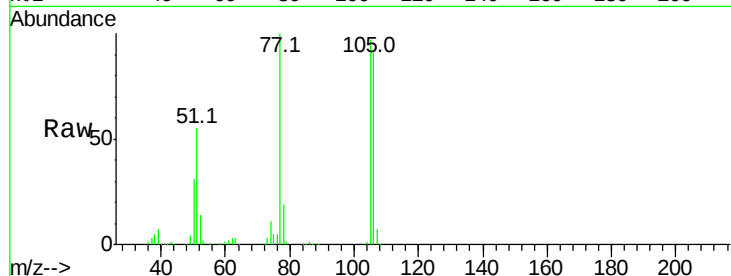
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	77	Resp:	215062
Ion Ratio	Lower	Upper	
77	100		
105	97.4	83.0	123.0
106	91.0	74.6	114.6

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#10

Phenol

Concen: 50.93 ng

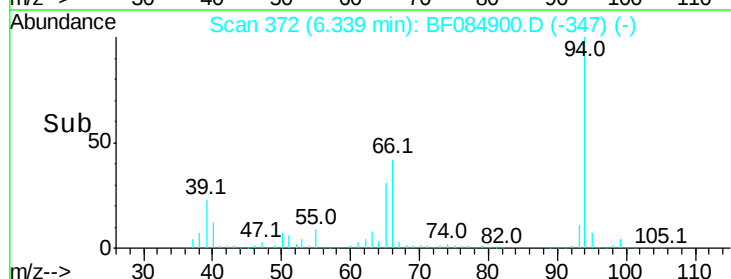
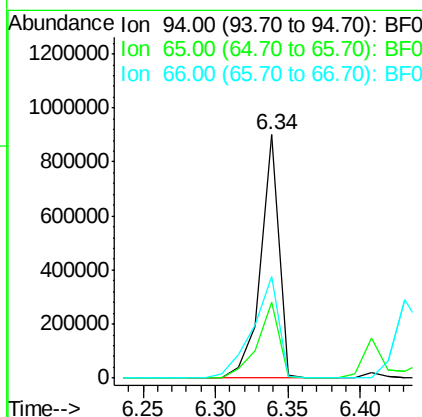
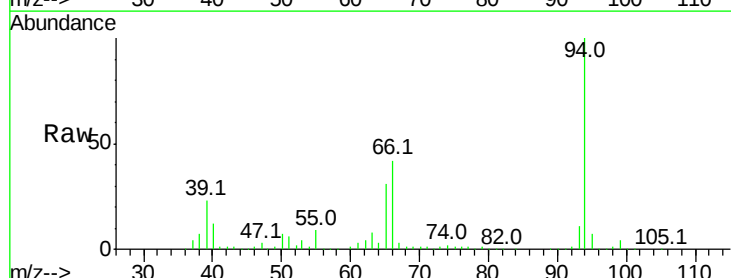
RT: 6.34 min Scan# 372

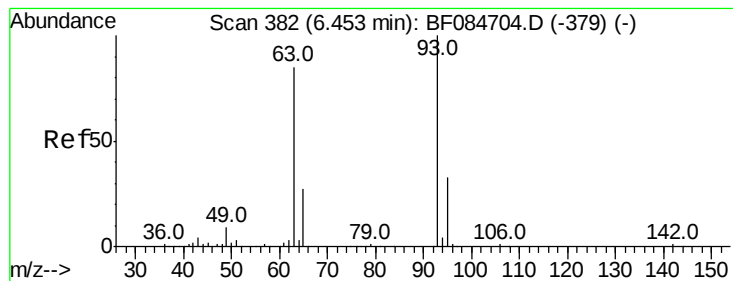
Delta R.T. -0.01 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	94	Resp:	788509
Ion Ratio	Lower	Upper	
94	100		
65	31.1	12.9	52.9
66	41.8	32.7	72.7





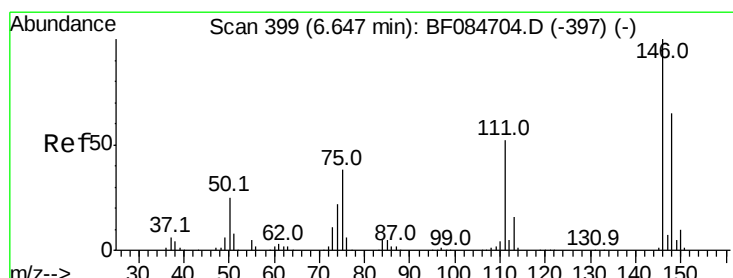
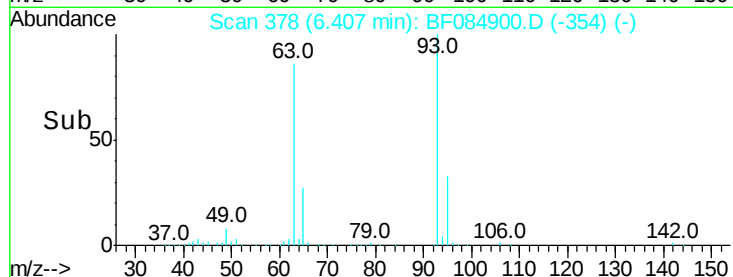
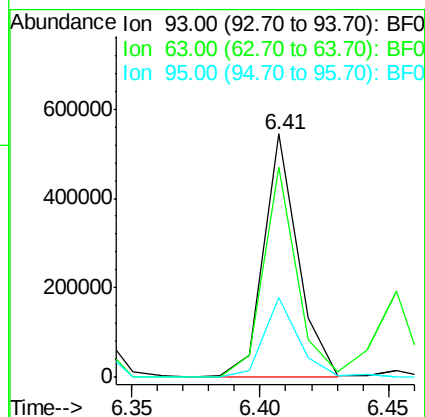
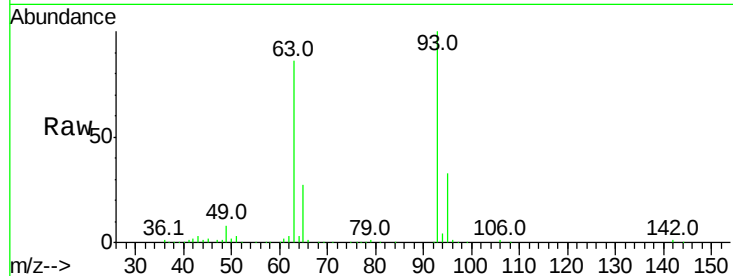
#11
bis(2-Chloroethyl)ether
Concen: 41.54 ng m
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	86.2	45.9	85.9#
95	32.7	12.3	52.3

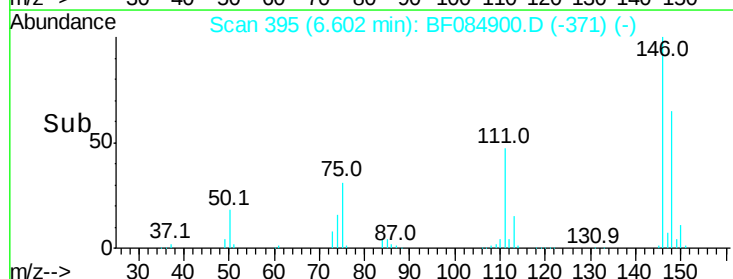
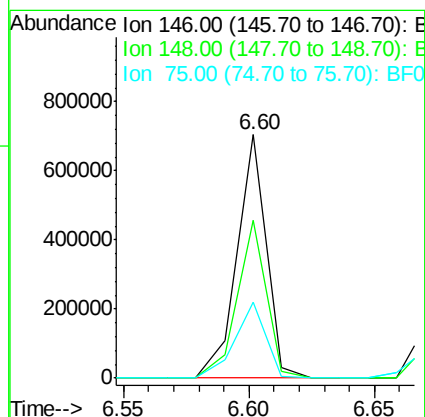
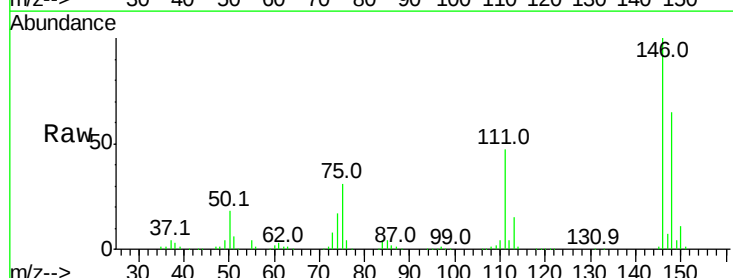
Manual Integrations
APPROVED

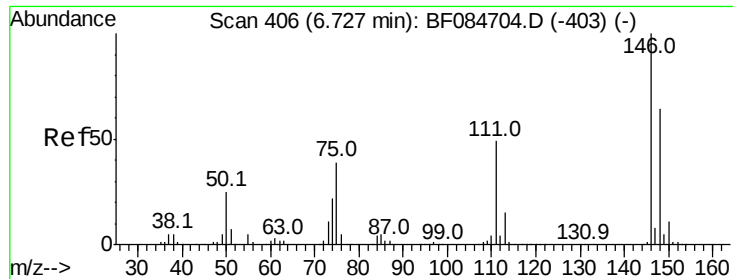
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 43.43 ng m
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.0	51.9	77.9
75	31.2	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 44.21 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

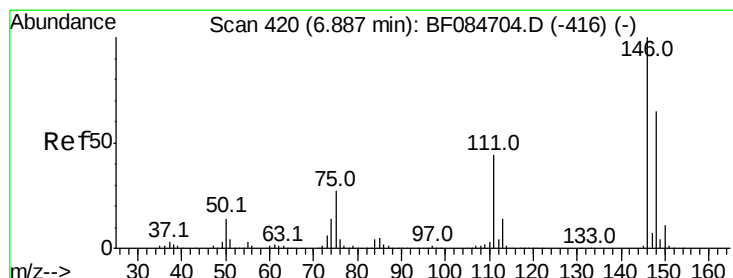
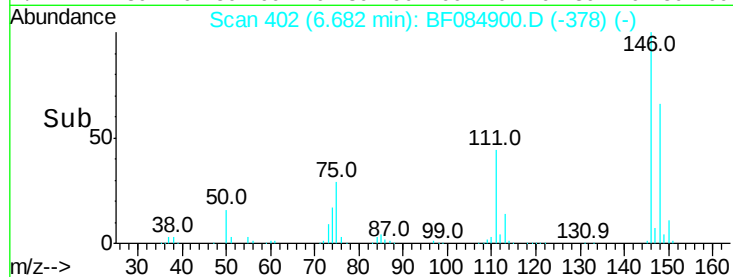
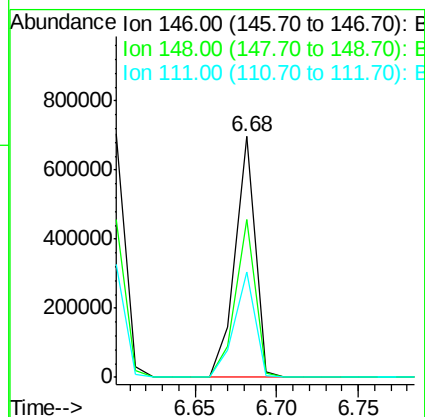
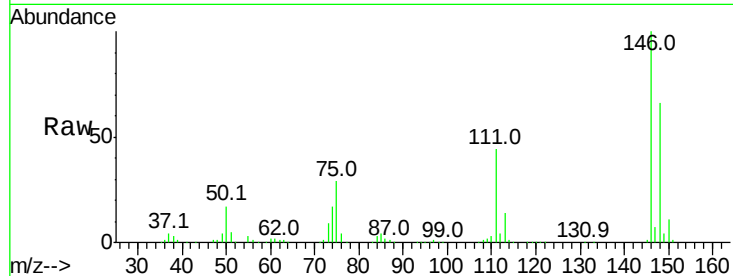
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	146	Resp:	589220
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	43.9	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.52 ng

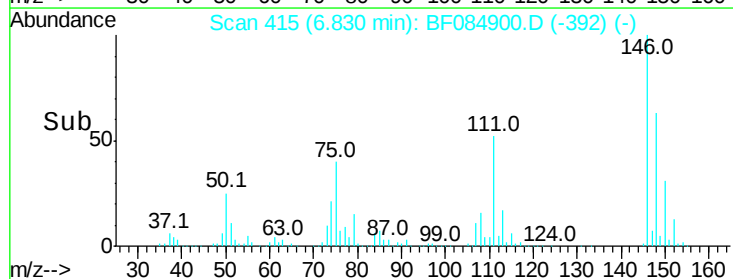
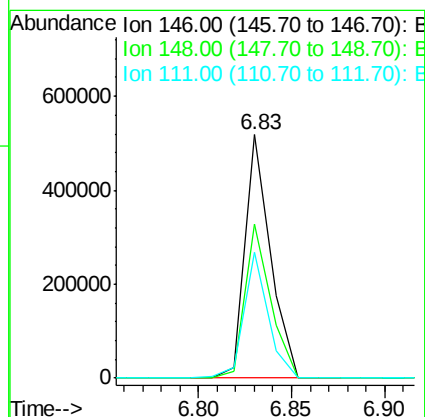
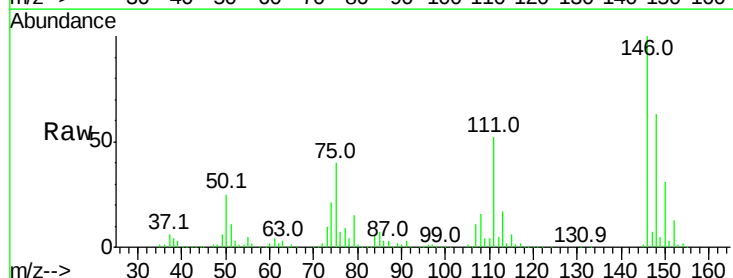
RT: 6.83 min Scan# 415

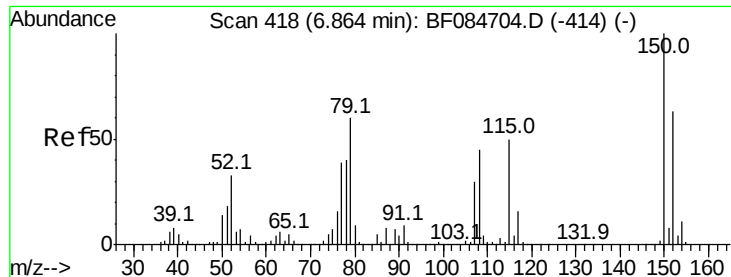
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	146	Resp:	490636
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	51.8	38.0	57.0





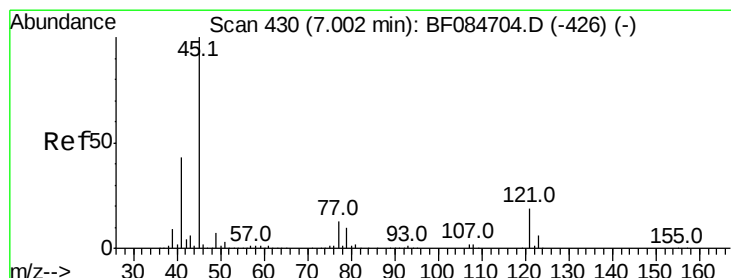
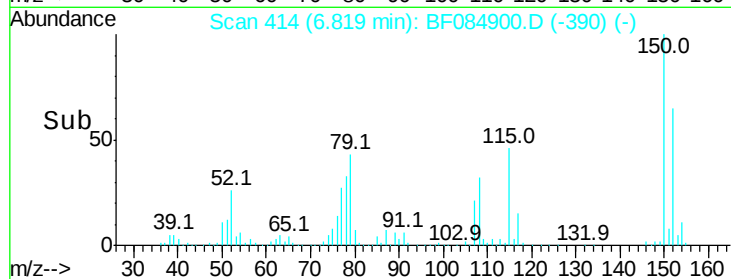
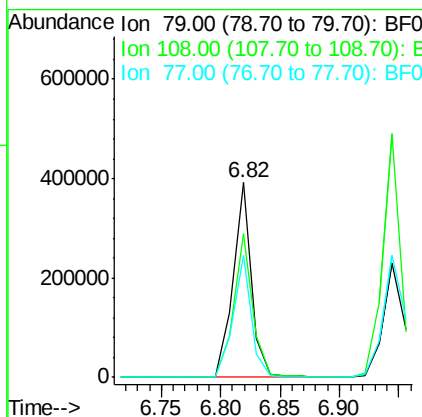
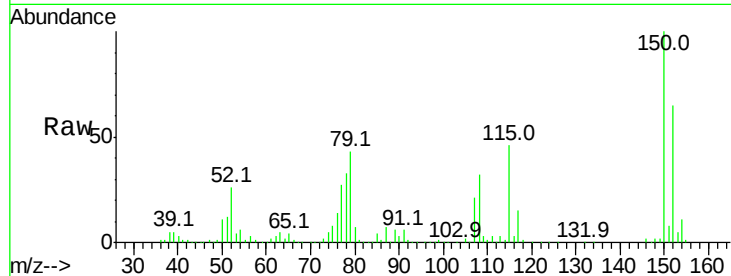
#15
Benzyl Alcohol
Concen: 44.37 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	73.6	69.0	103.4		
77	62.9	50.0	75.0		

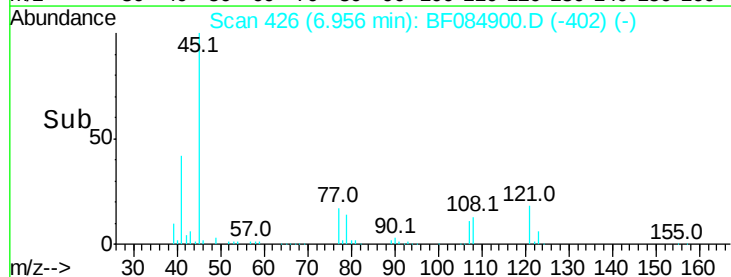
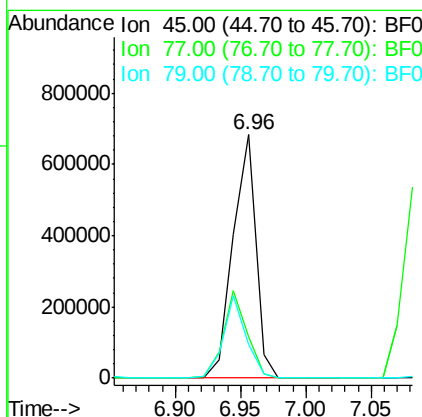
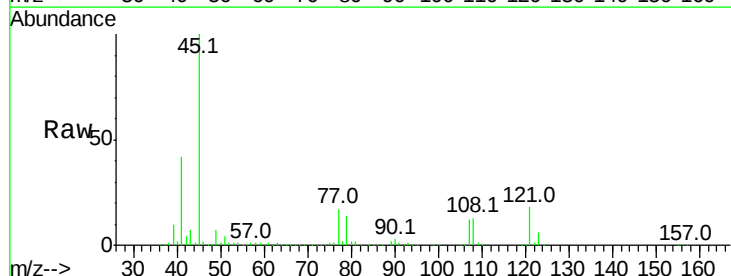
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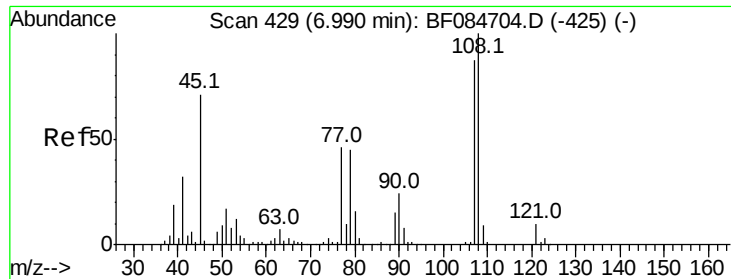
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.73 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	16.9	0.0	39.6		
79	14.1	0.0	35.0		





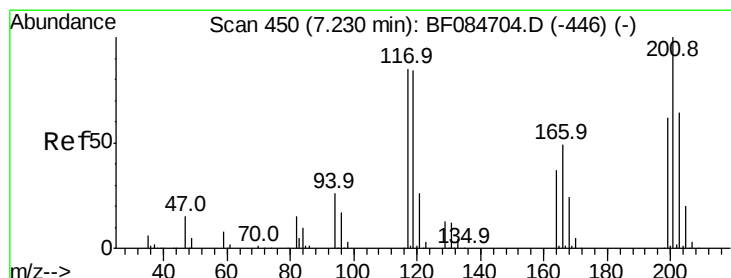
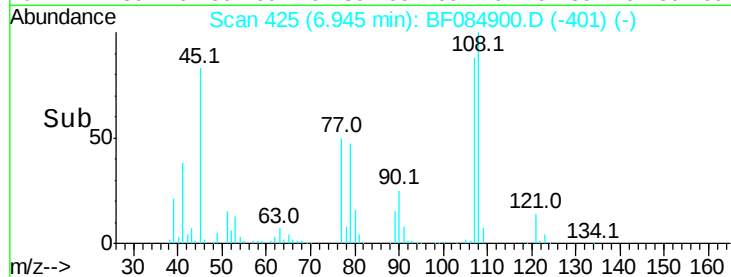
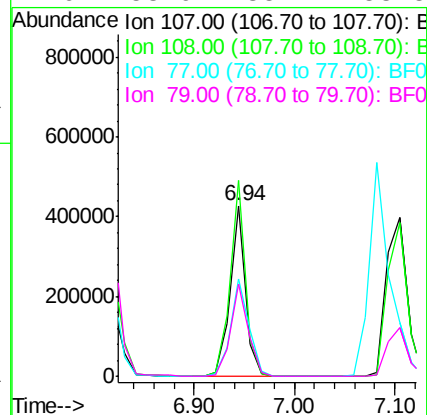
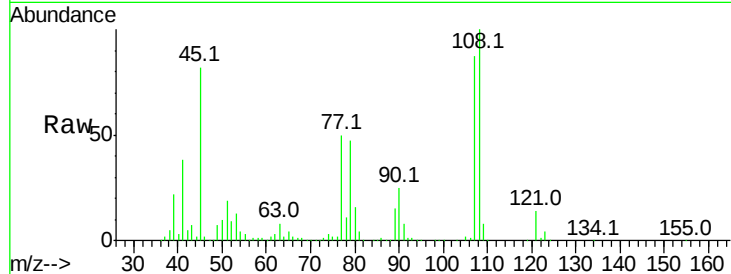
#17
2-Methylphenol
Concen: 45.15 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.5	89.8	134.6
77	57.2	35.7	53.5#
79	53.9	35.7	53.5#

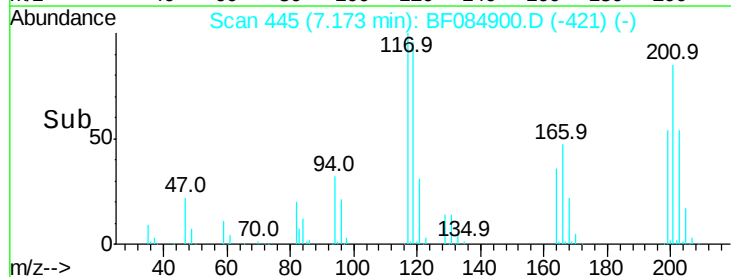
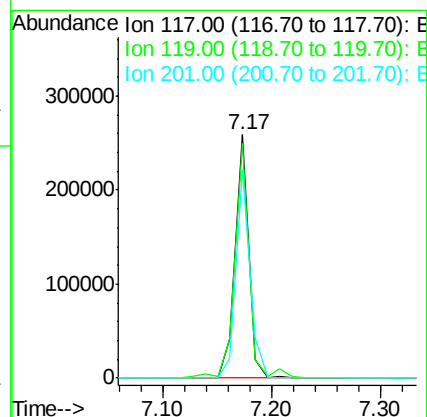
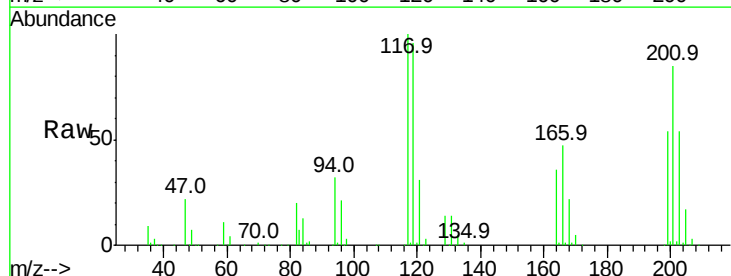
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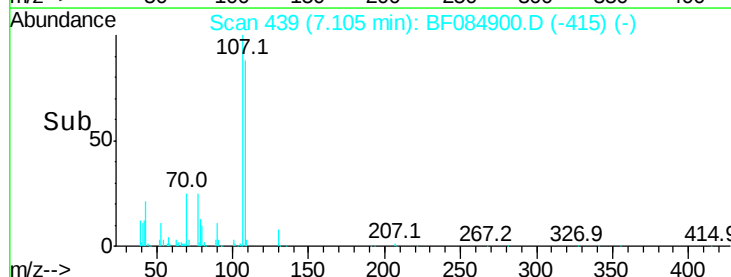
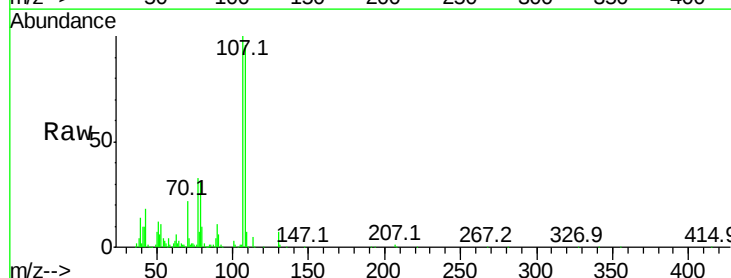
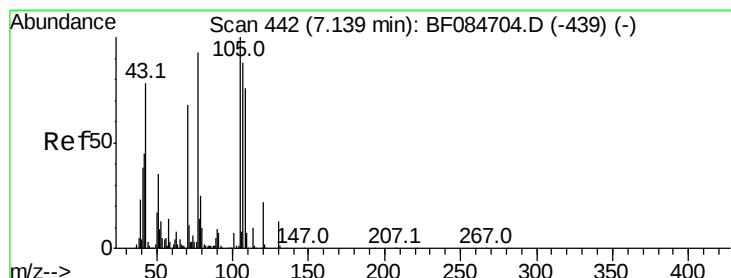
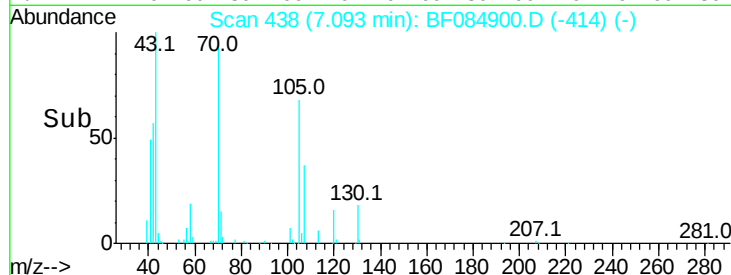
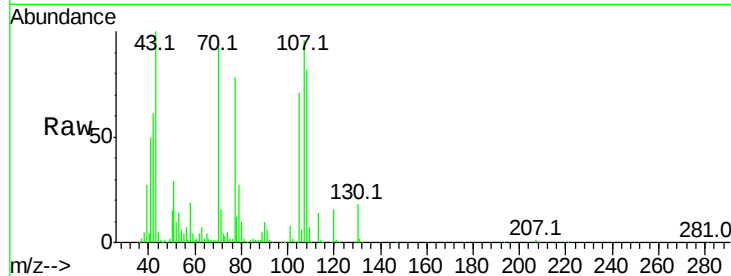
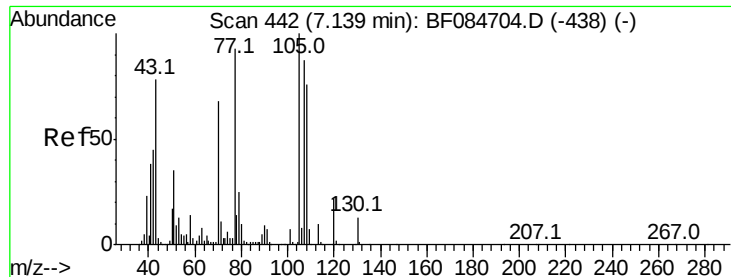
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#18
Hexachloroethane
Concen: 43.12 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.5	77.4	116.0
201	85.3	68.6	103.0





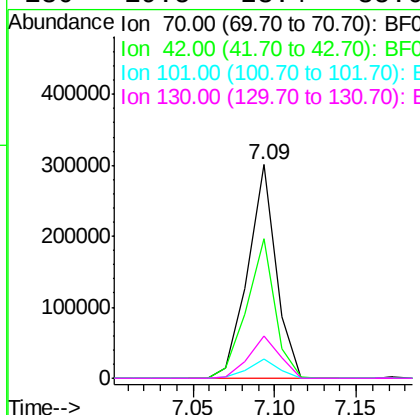
#19
n-Nitroso-di-n-propylamine
Concen: 41.85 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	65.1	33.3	49.9#
101	8.8	9.3	13.9#
130	19.5	23.4	35.0#

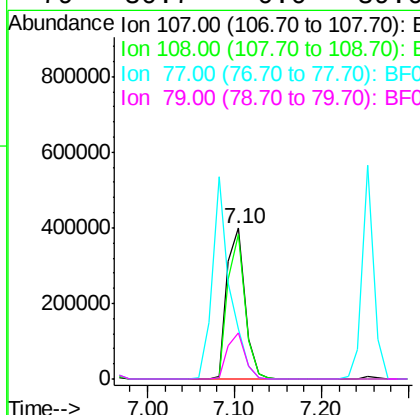
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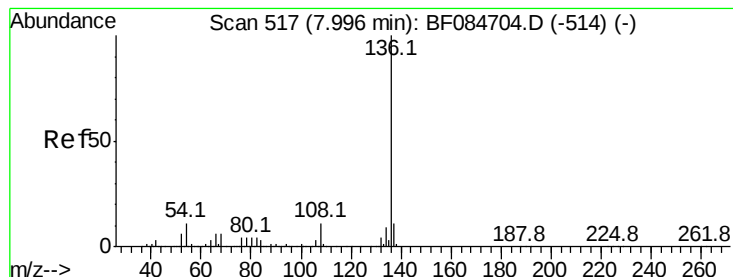
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#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	96.2	74.6	114.6
77	33.4	0.7	40.7
79	30.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

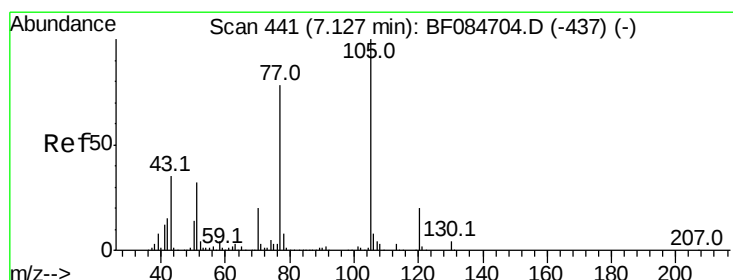
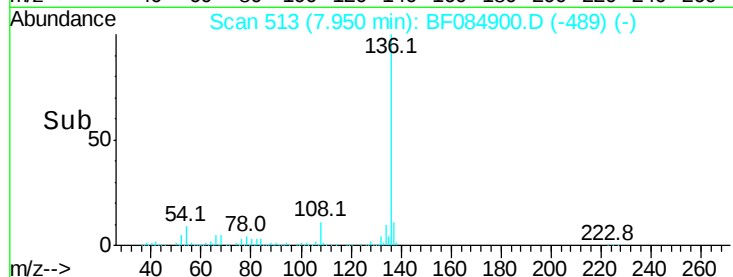
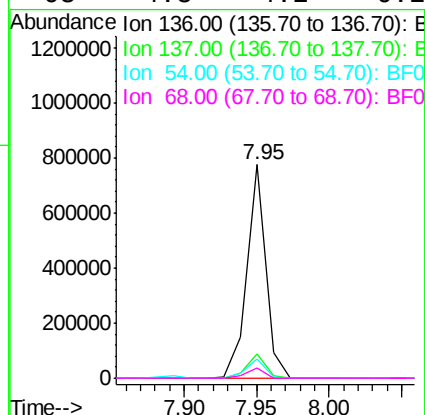
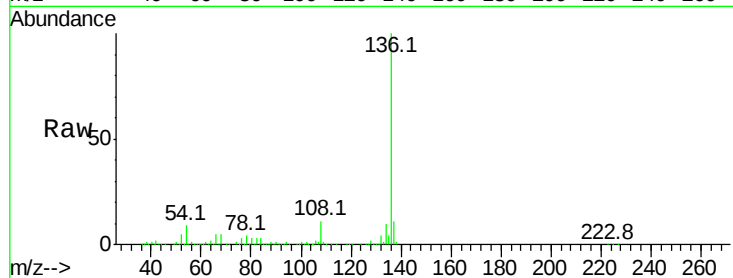
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		701112		
137	11.5	8.7	13.1		
54	8.9	5.8	8.8		
68	4.8	4.2	6.2		

Manual Integrations
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#22

Acetophenone

Concen: 41.15 ng

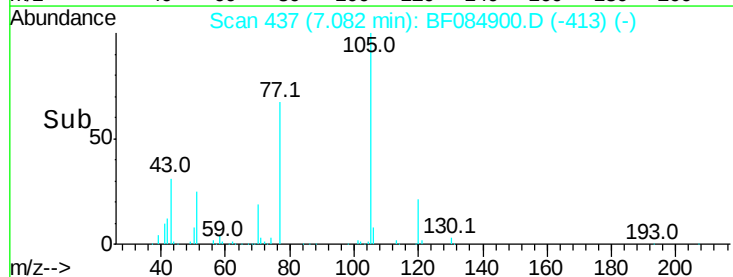
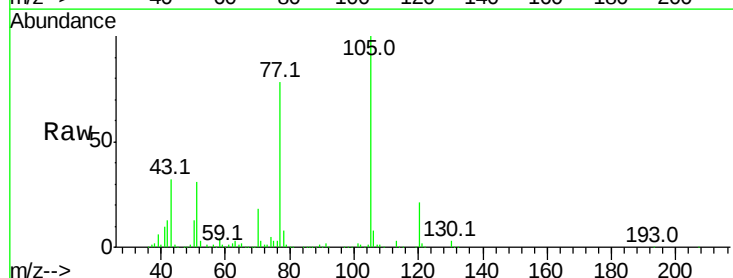
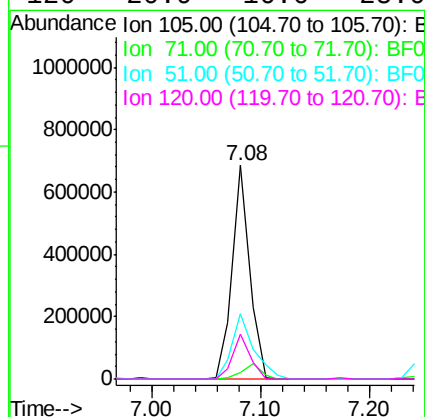
RT: 7.08 min Scan# 437

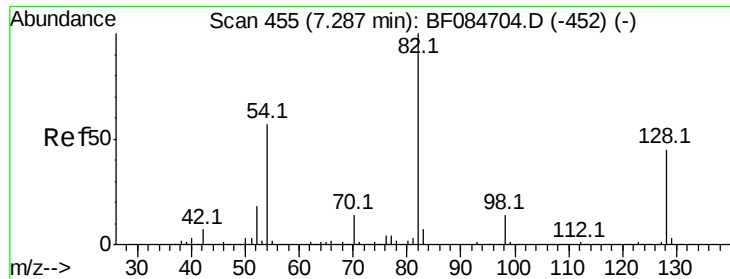
Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		760374		
71	3.1	3.7	5.5		
51	30.6	25.1	37.7		
120	20.9	16.6	25.0		





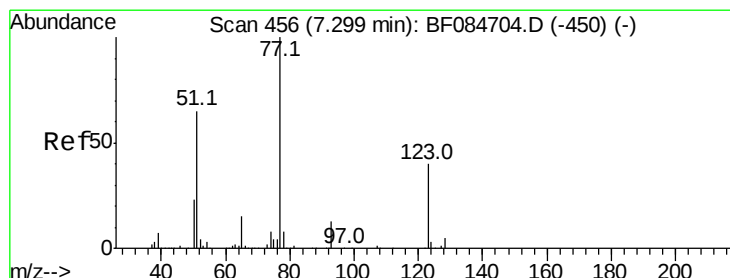
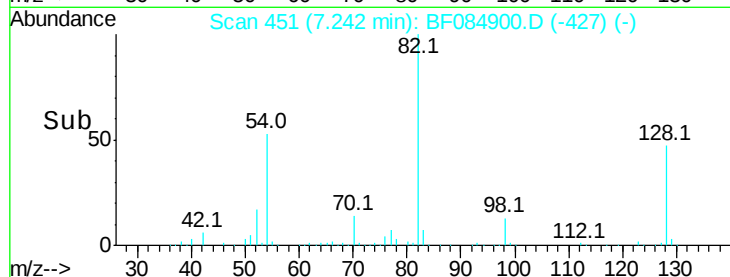
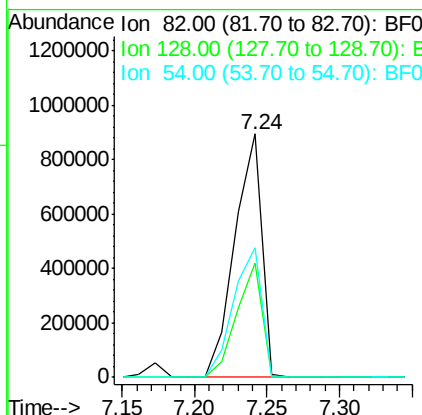
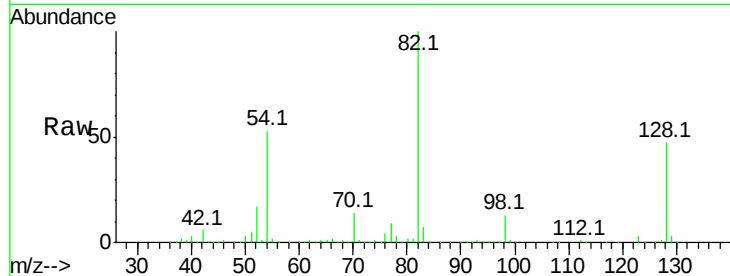
#23
 Nitrobenzene-d5
 Concen: 92.62 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion: 82 Resp: 1152727
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.6 51.8
 54 53.4 38.4 57.6

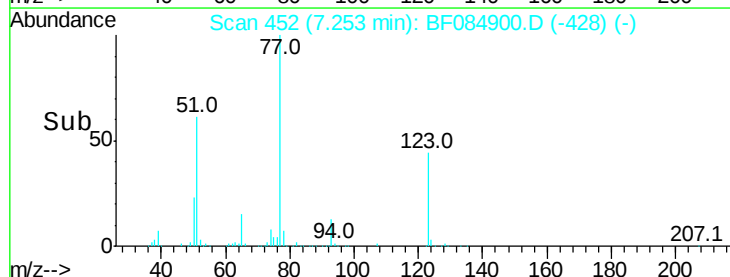
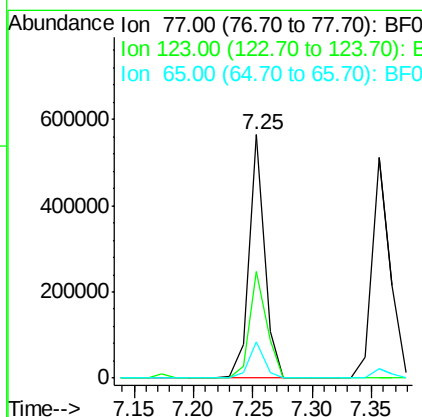
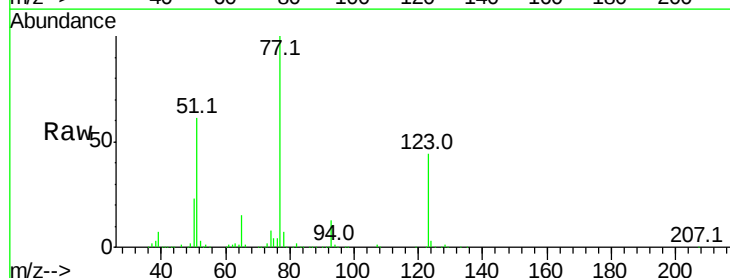
Manual Integrations
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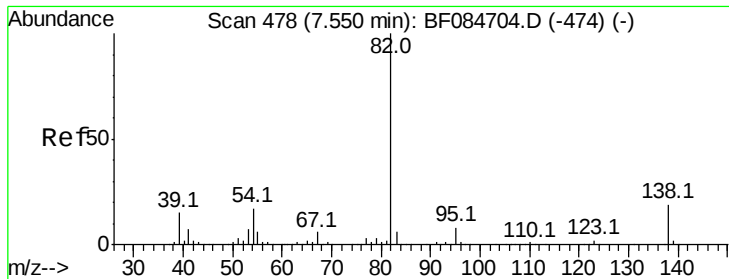
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#24
 Nitrobenzene
 Concen: 38.90 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion: 77 Resp: 518430
 Ion Ratio Lower Upper
 77 100
 123 44.0 37.4 56.2
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 42.59 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

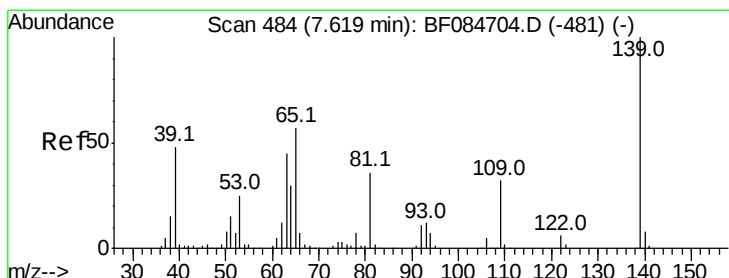
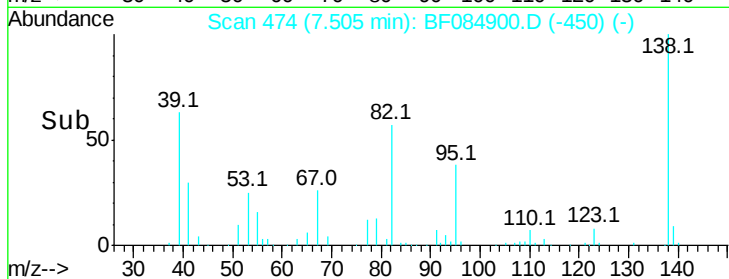
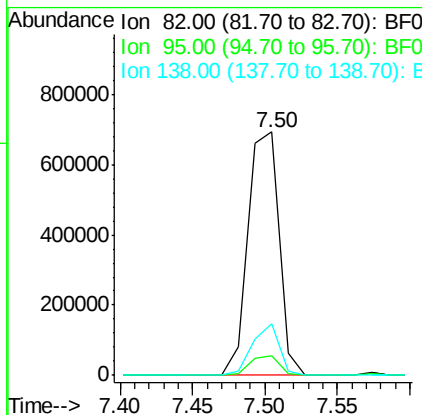
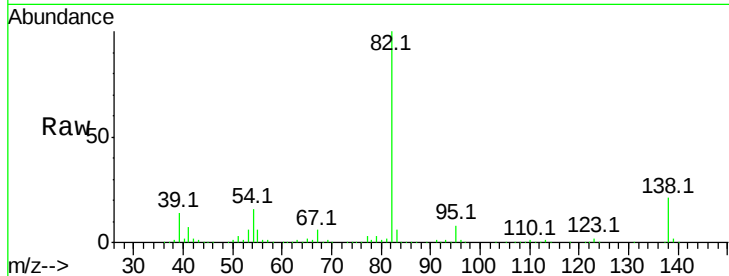
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion	82	Resp	1030664
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.6	10.0
138	21.3	13.6	20.4#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.82 ng

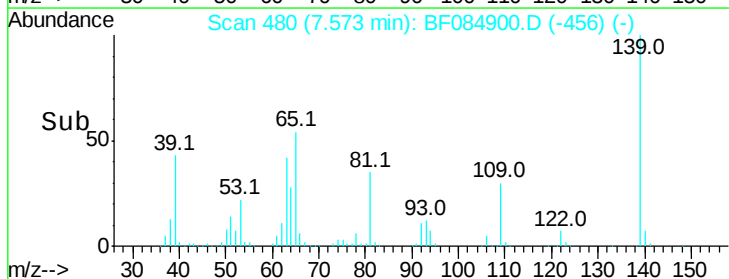
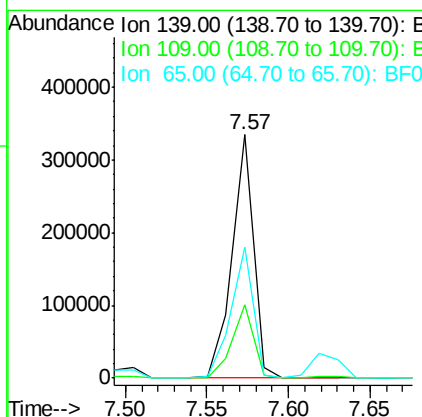
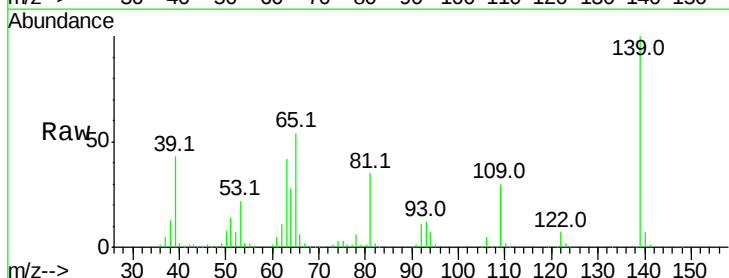
RT: 7.57 min Scan# 480

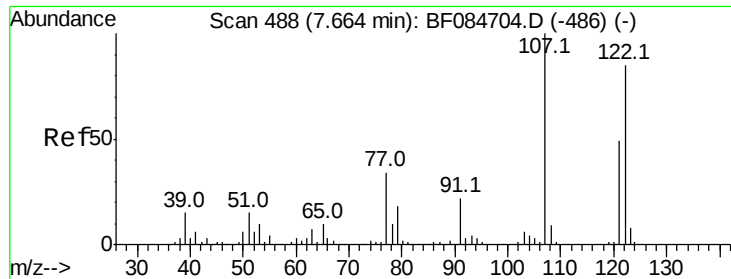
Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion	139	Resp	301167
Ion	Ratio	Lower	Upper
139	100		
109	30.4	25.4	38.2
65	53.7	32.3	48.5#





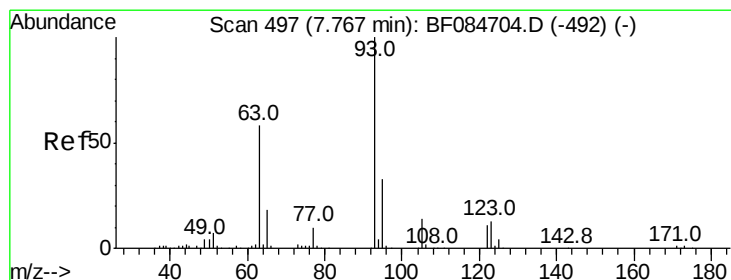
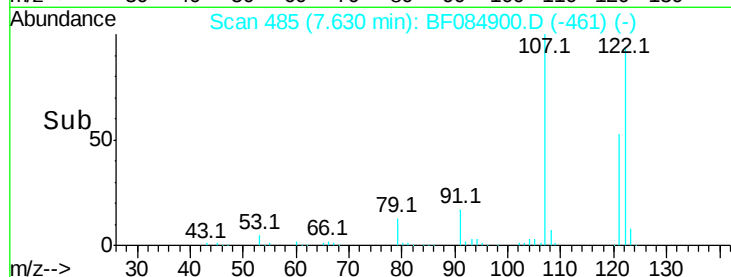
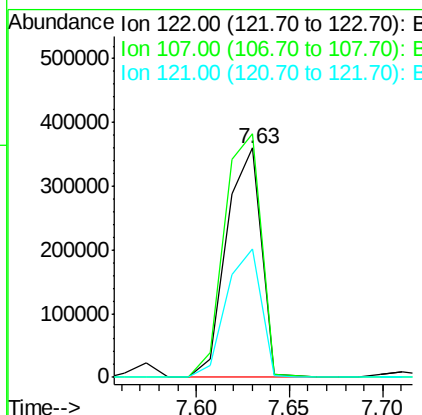
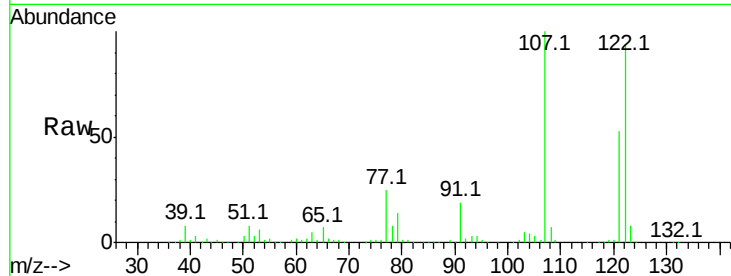
#27
 2,4-Dimethylphenol
 Concen: 41.05 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.3	99.1	148.7
121	56.3	47.9	71.9

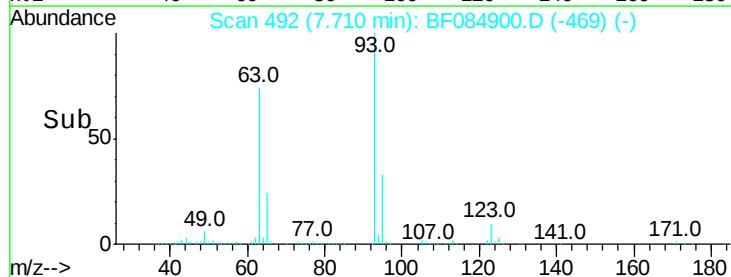
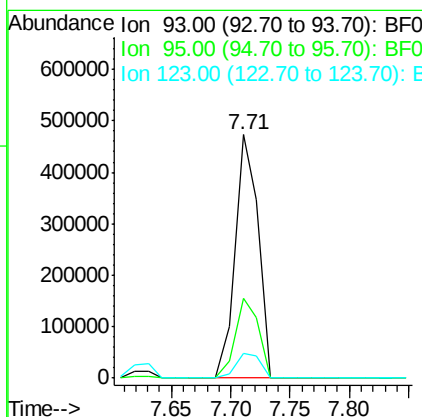
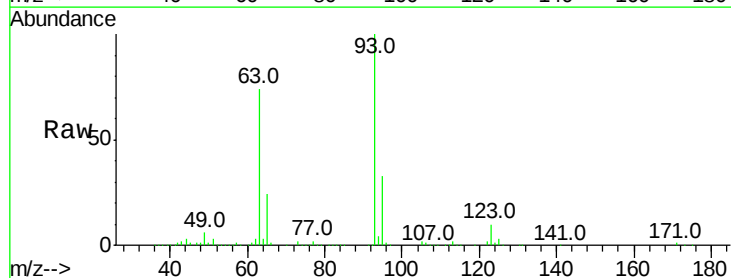
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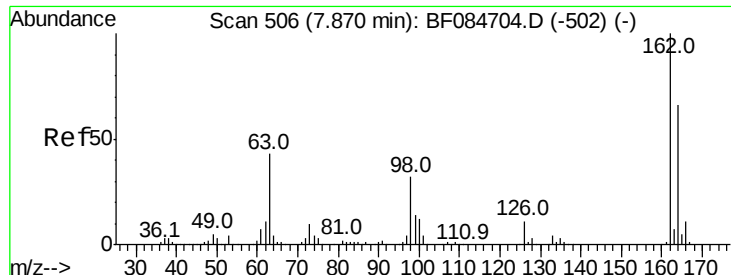
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.07 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	10.1	8.6	12.8





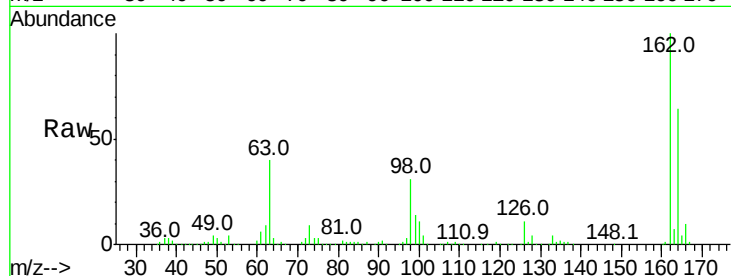
#29
 2,4-Dichlorophenol
 Concen: 46.62 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

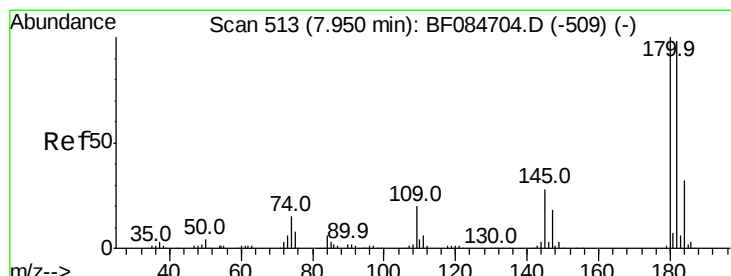
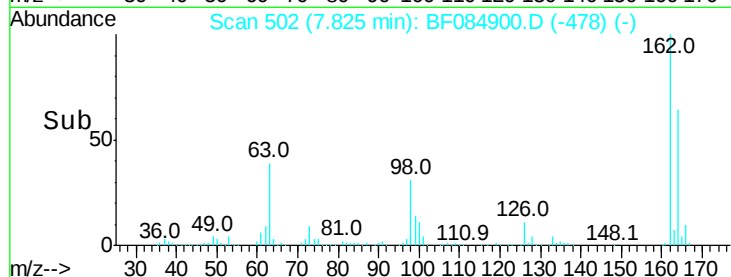
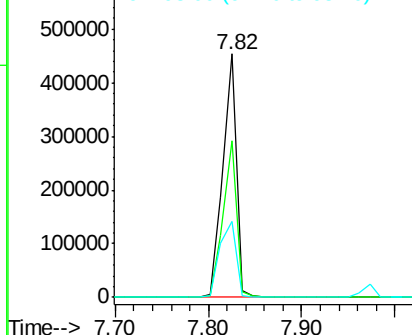
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.1	84.1
98	31.3	20.2	60.2

Manual Integrations
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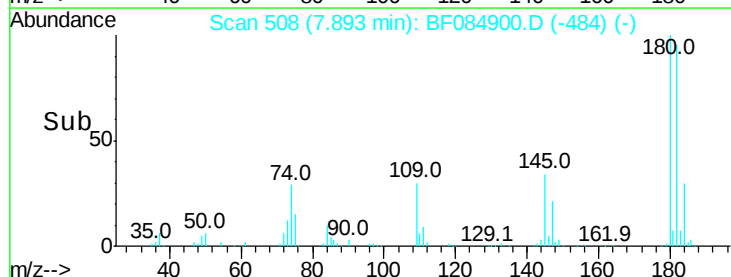
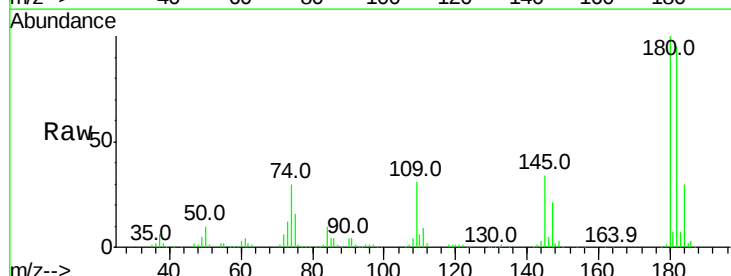
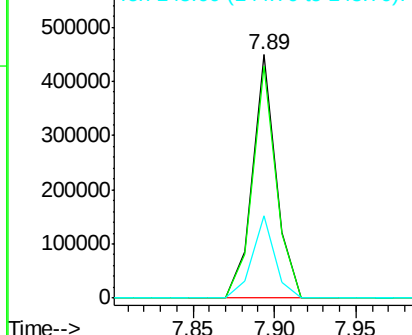
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

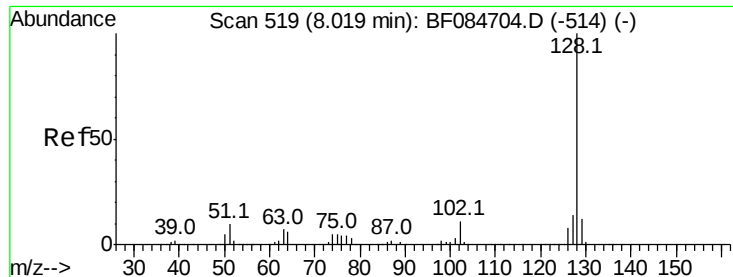


#30
 1,2,4-Trichlorobenzene
 Concen: 40.85 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	76.4	114.6
145	33.7	31.6	47.4

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





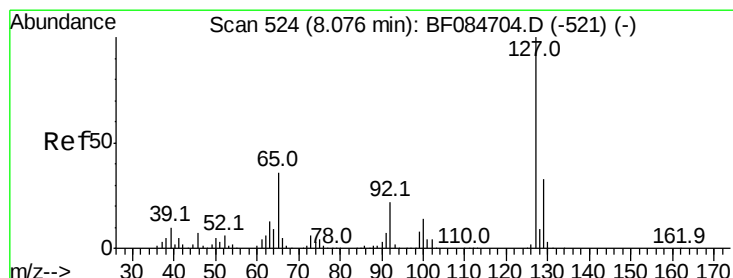
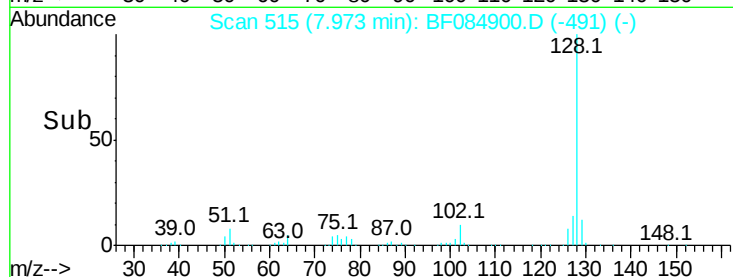
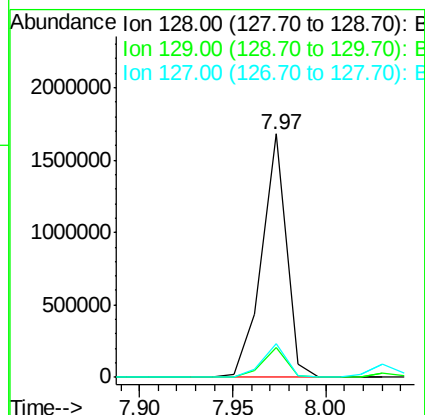
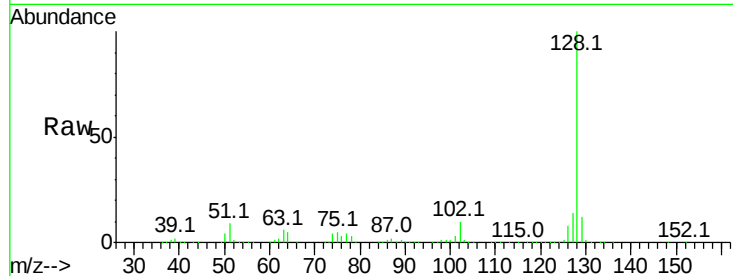
#31
Naphthalene
Concen: 43.31 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion:128 Resp: 1523207
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.0 11.1 16.7

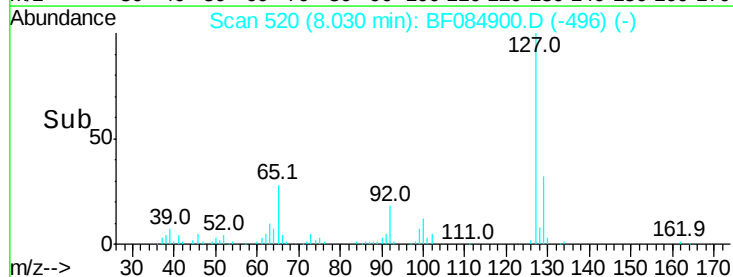
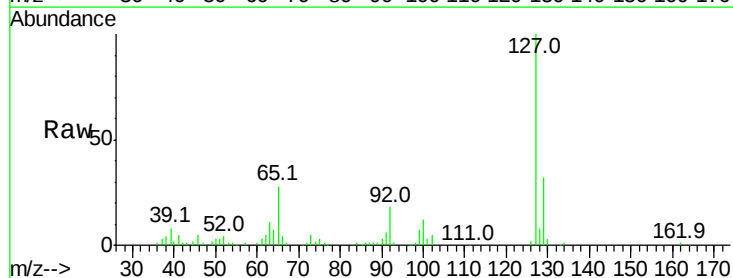
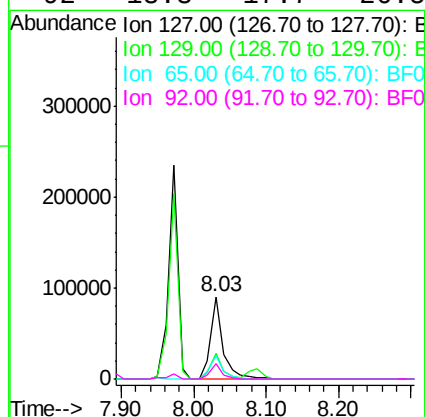
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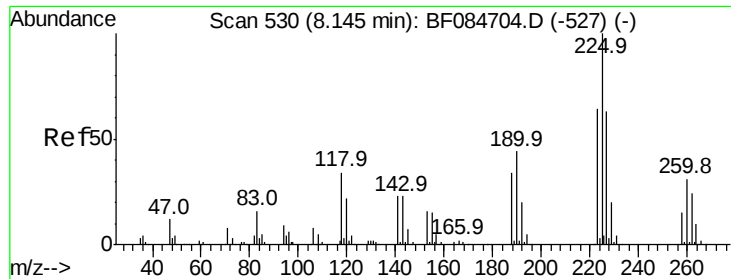
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#33
4-Chloroaniline
Concen: 7.51 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion:127 Resp: 109246
Ion Ratio Lower Upper
127 100
129 31.7 26.5 39.7
65 27.7 27.2 40.8
92 18.3 17.7 26.5





#34

Hexachlorobutadiene

Concen: 42.63 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

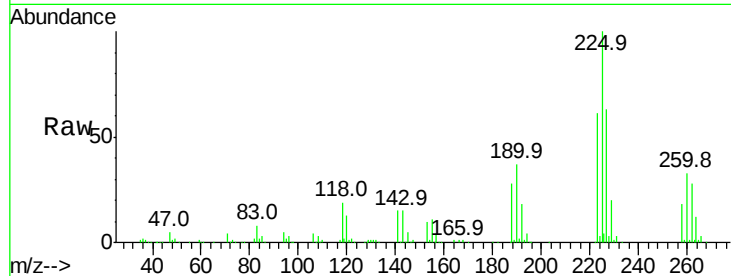
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	225	Resp:	271620
Ion Ratio		Lower	Upper
225	100		
223	61.1	49.4	74.0
227	62.9	50.8	76.2

Manual Integrations
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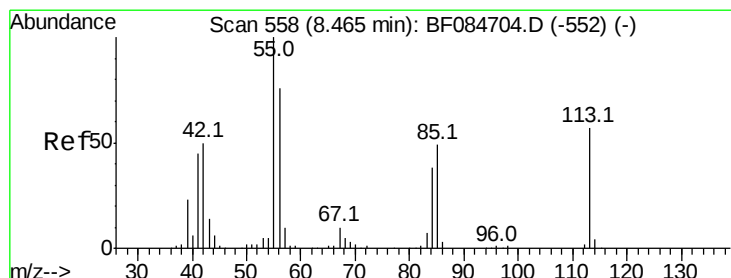
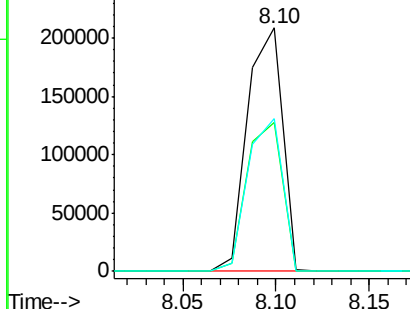
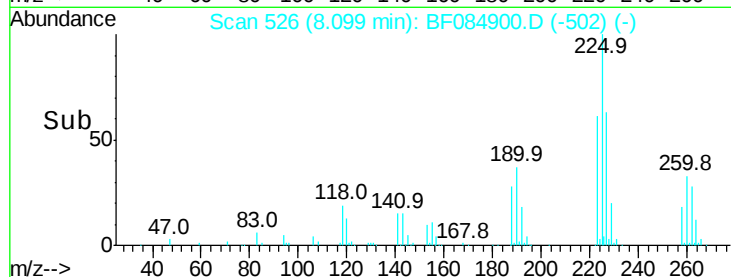
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 44.14 ng m

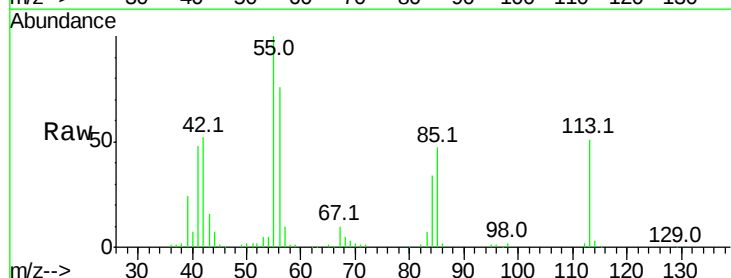
RT: 8.41 min Scan# 553

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

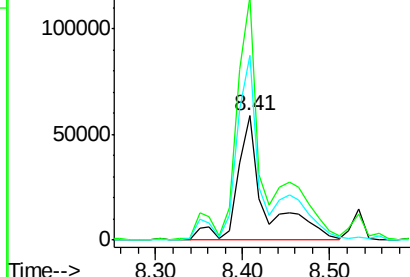
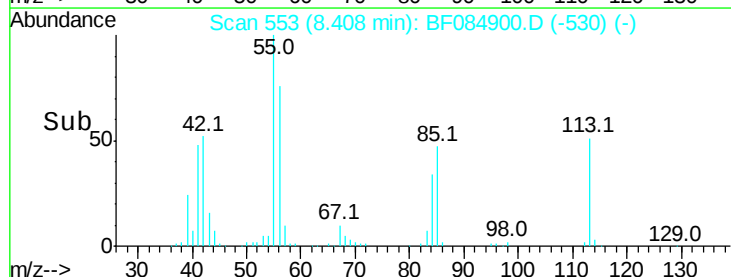
Tgt Ion:	113	Resp:	133084
Ion Ratio		Lower	Upper
113	100		
55	195.8	116.9	156.9#
56	148.3	93.8	133.8#

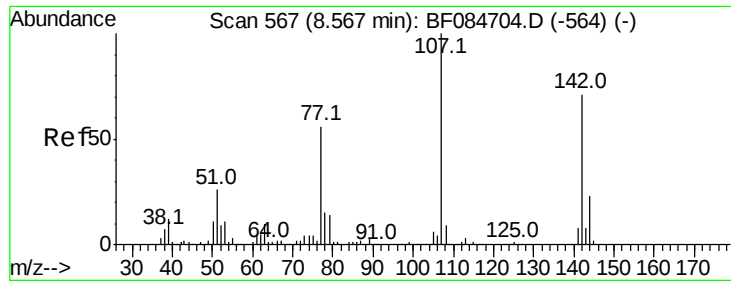


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 42.89 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

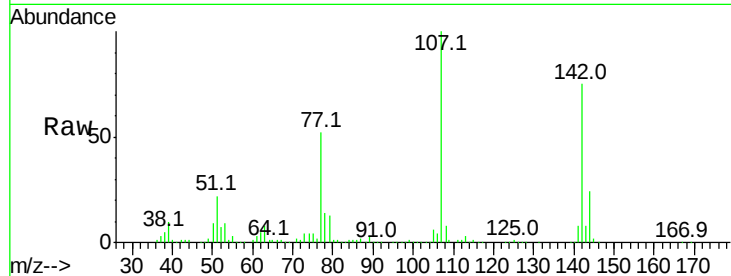
ClientSampleId :

S4-B009(5-7)MSD

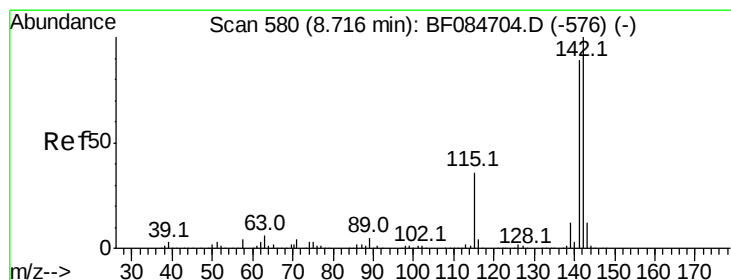
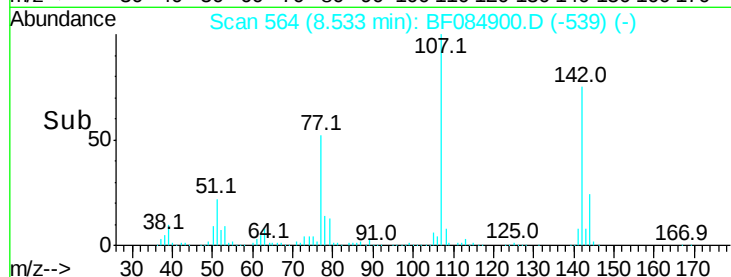
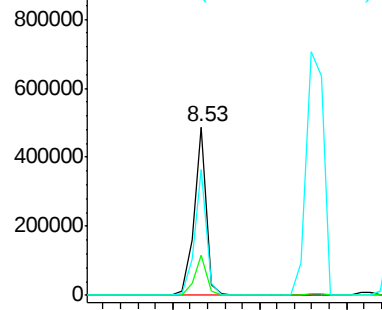
Tot Ion:	107	Resp:	478690
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.7	29.5
142	75.0	61.8	92.6

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 44.85 ng

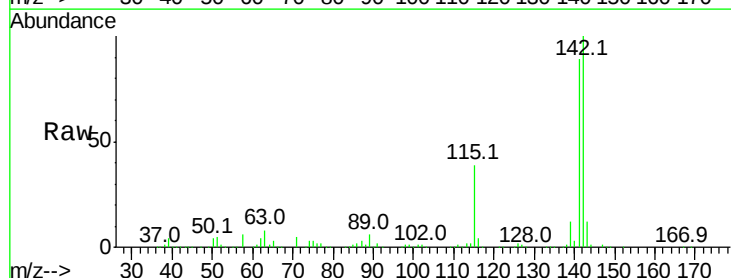
RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

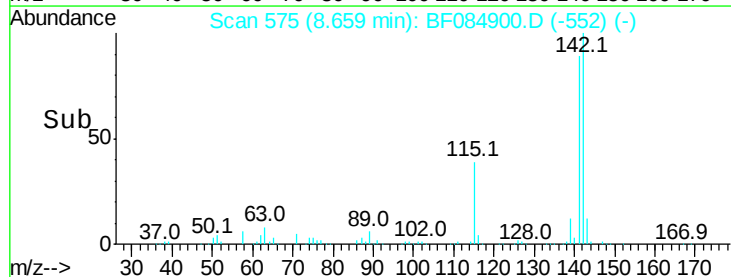
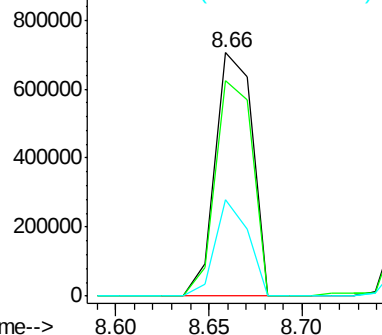
Lab File: BF084900.D

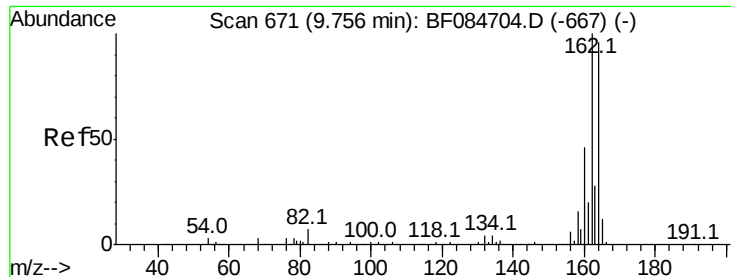
Acq: 6 Feb 2016 9:55

Tgt Ion:	142	Resp:	987144
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.4	108.6
115	39.4	27.9	41.9



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





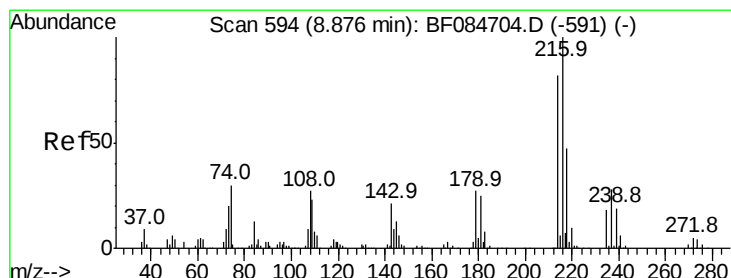
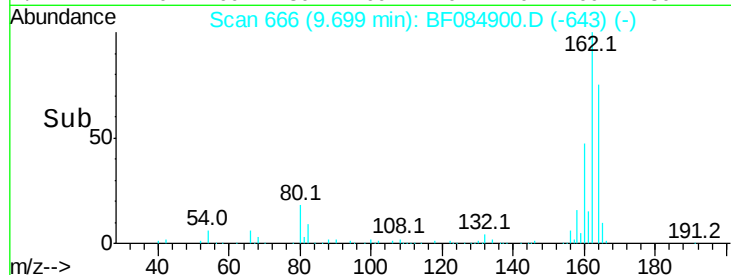
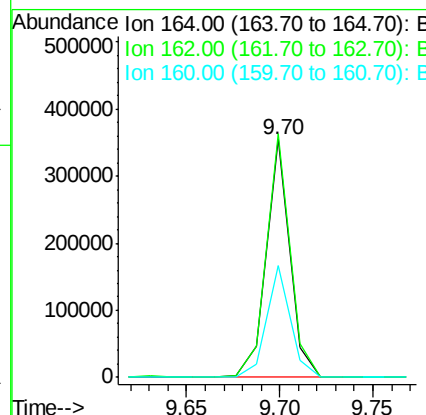
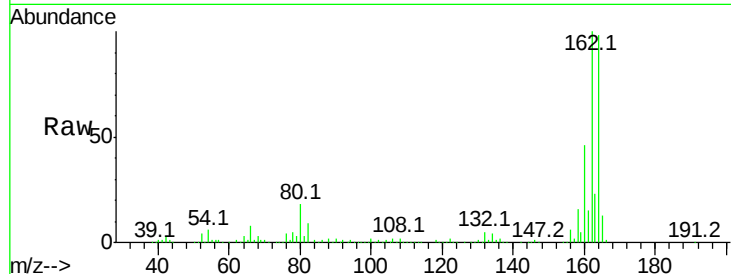
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	85.1	127.7	
160	46.7	37.5	56.3	

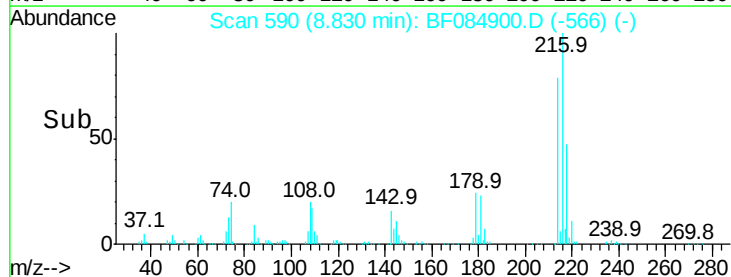
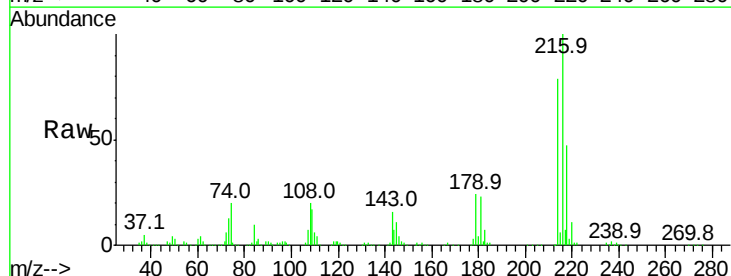
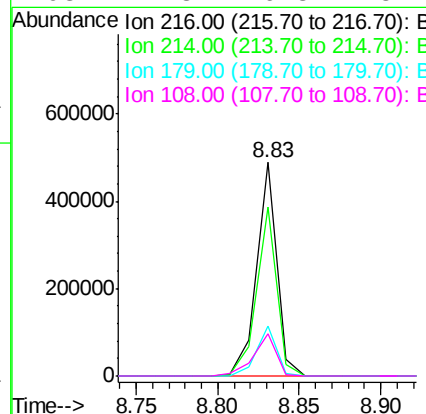
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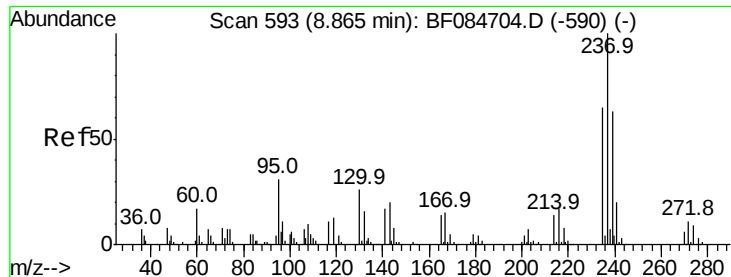
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.19 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	64.2	96.2	
179	23.4	18.7	28.1	
108	22.3	16.8	25.2	





#40

Hexachlorocyclopentadiene

Concen: 59.87 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

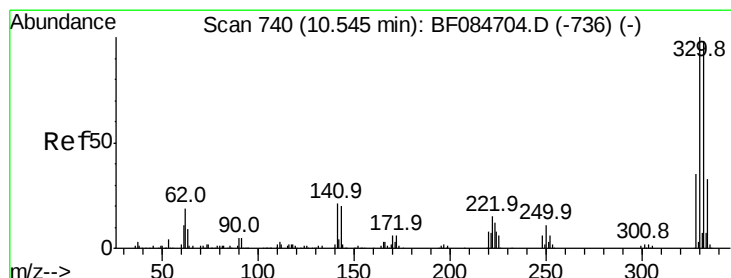
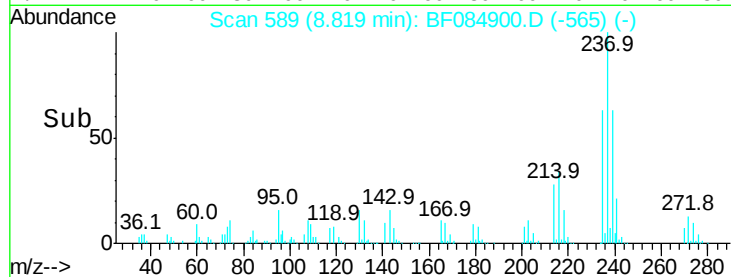
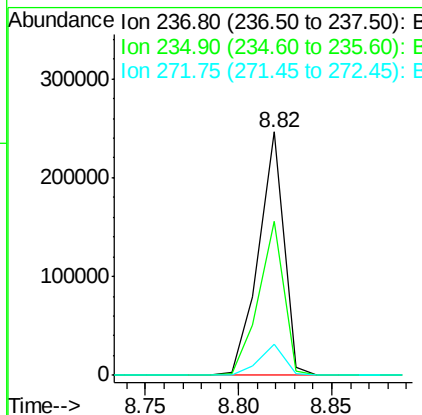
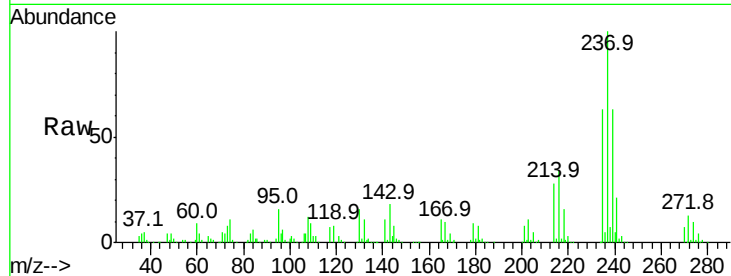
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	237	Resp:	230772
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.7	0.0	35.1

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 109.67 ng

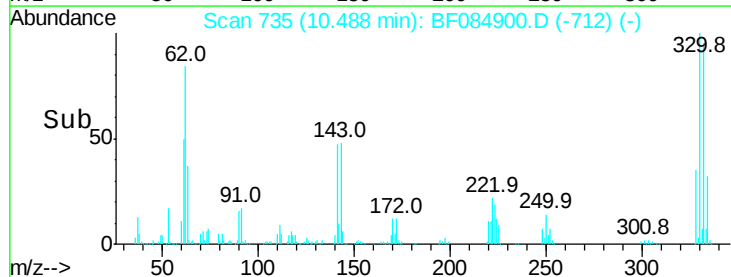
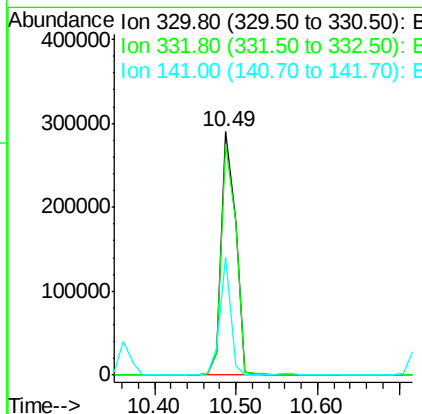
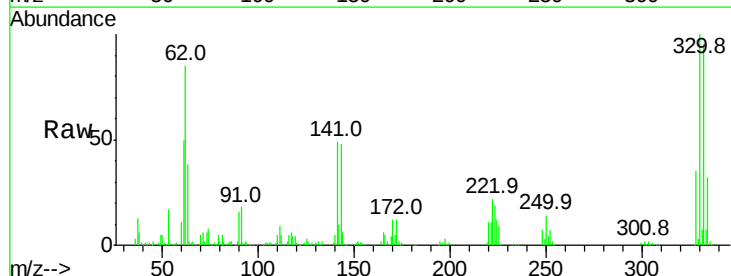
RT: 10.49 min Scan# 735

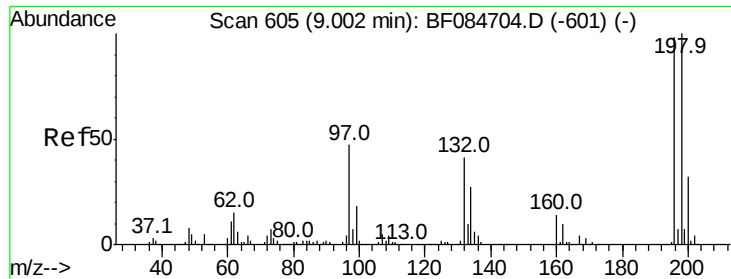
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	330	Resp:	351053
Ion Ratio		Lower	Upper
330	100		
332	97.1	76.6	114.8
141	36.6	27.8	41.6





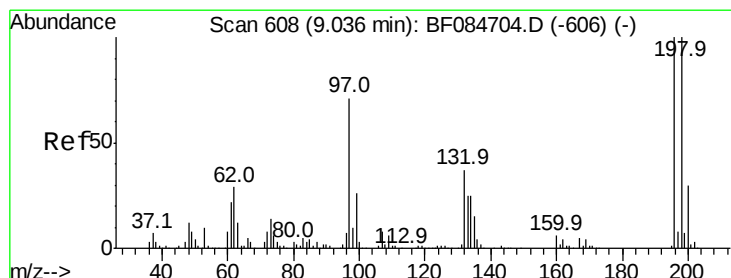
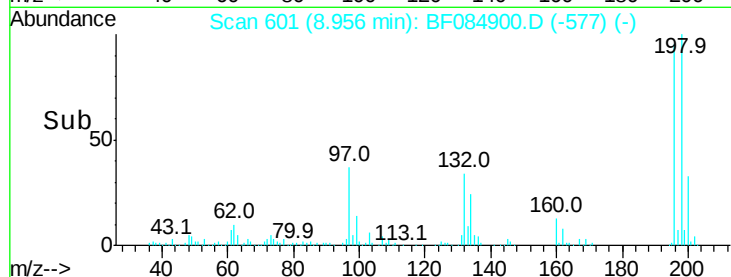
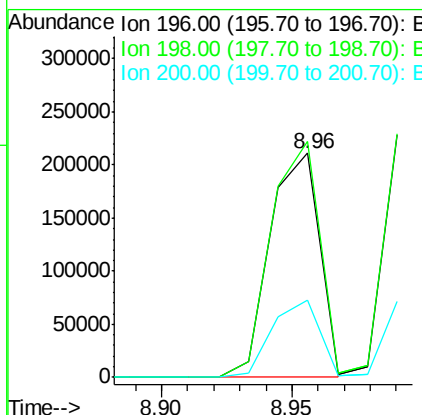
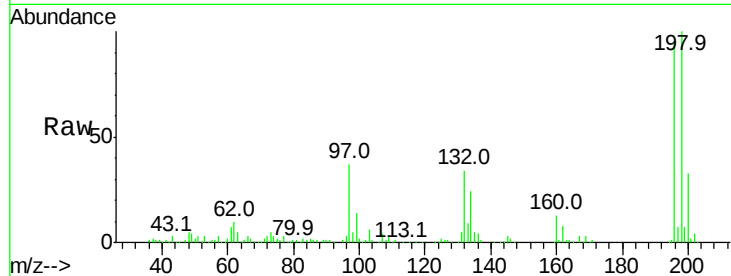
#42
 2,4,6-Trichlorophenol
 Concen: 44.55 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279722		
198	105.4	77.7	116.5	
200	34.6	24.6	37.0	

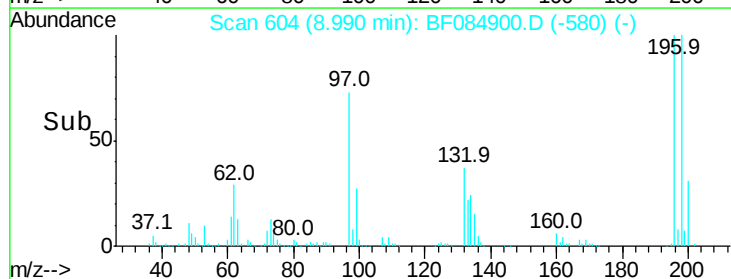
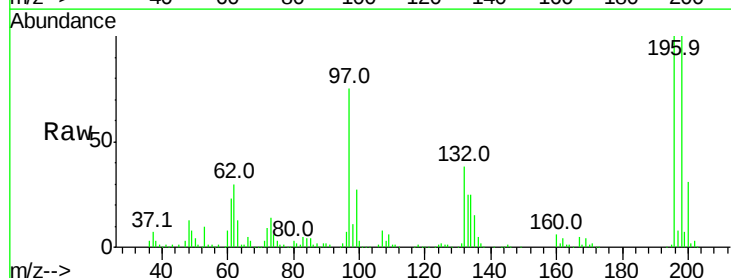
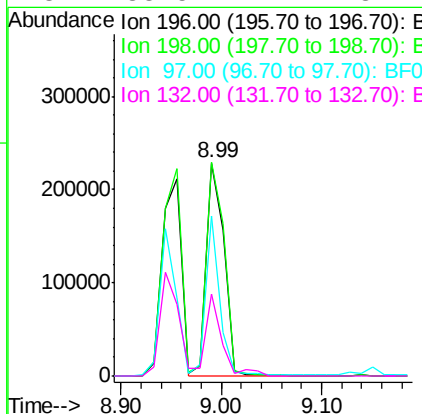
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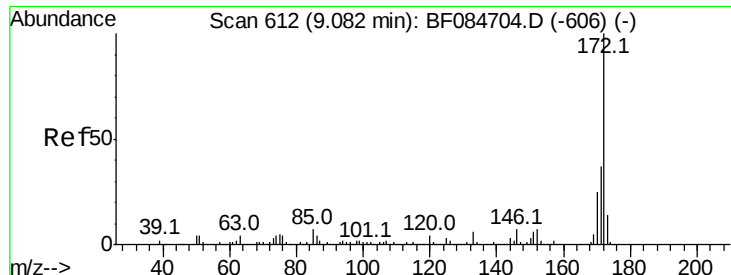
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#43
 2,4,5-Trichlorophenol
 Concen: 43.66 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278526		
198	100.3	79.0	118.6	
97	74.9	33.0	49.6#	
132	38.5	21.1	31.7#	





#44

2-Fluorobiphenyl

Concen: 105.83 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

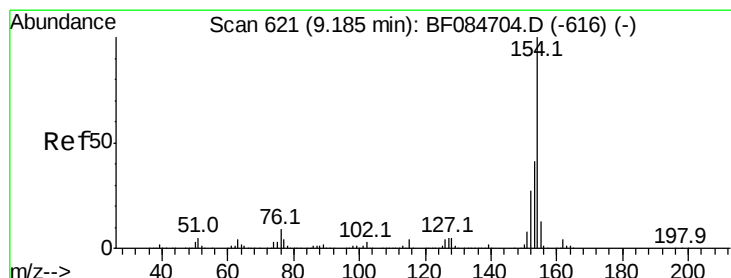
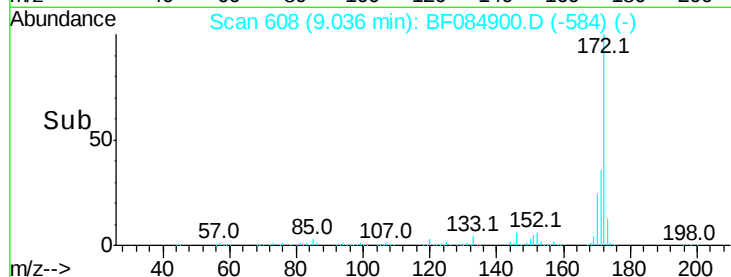
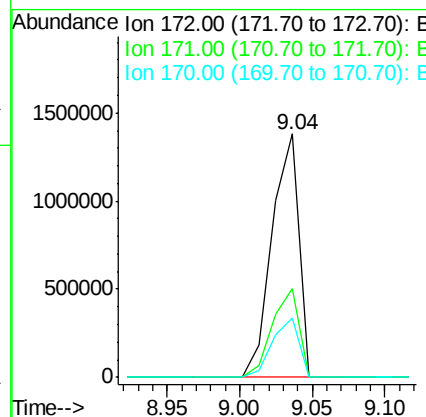
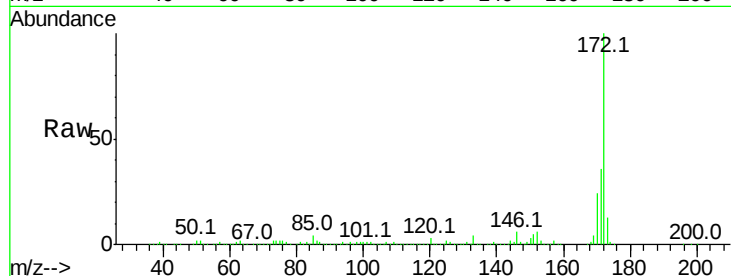
S4-B009(5-7)MSD

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Tot Ion:172	Resp: 1770384		
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.9	43.3
170	24.4	18.6	27.8



#45

1,1'-Biphenyl

Concen: 39.53 ng

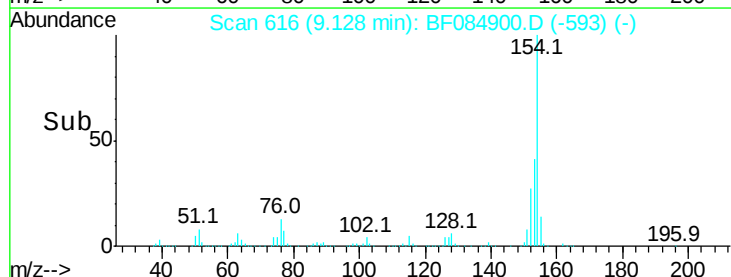
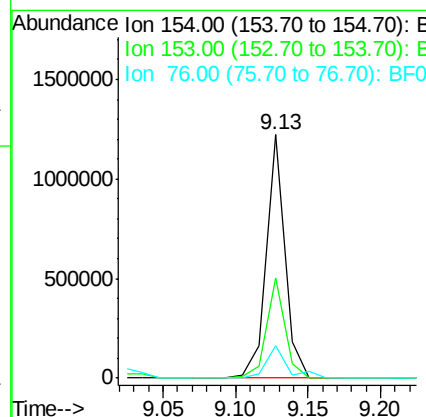
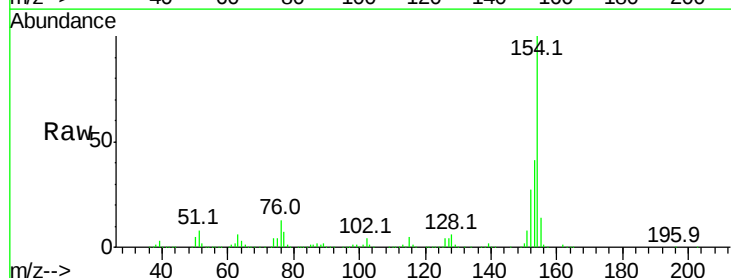
RT: 9.13 min Scan# 616

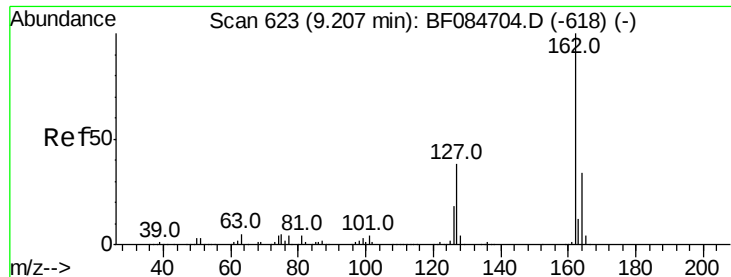
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:154	Resp: 1083590
Ion Ratio	Lower Upper
154 100	
153 41.1	21.6 61.6
76 13.1	0.0 32.7





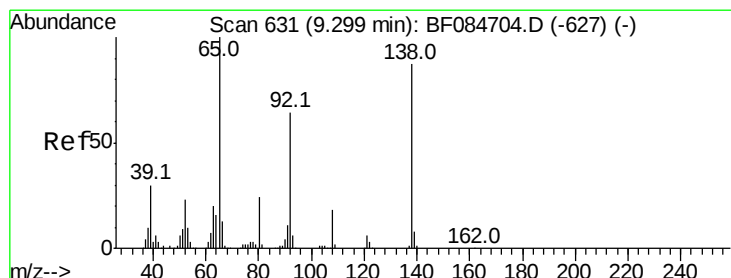
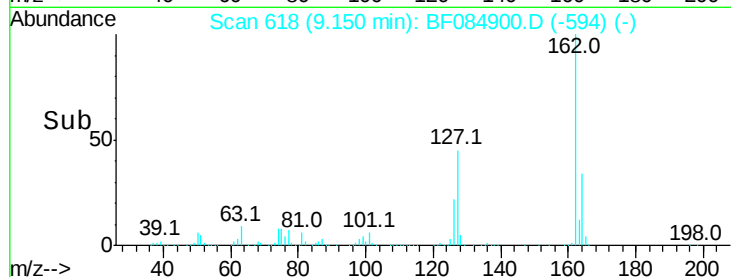
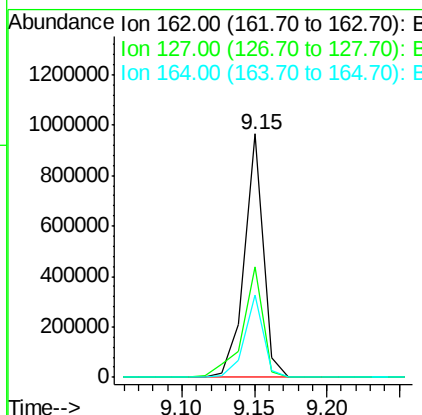
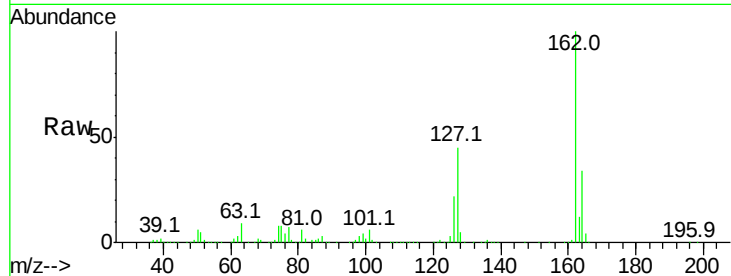
#46
2-Chloronaphthalene
Concen: 43.05 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	868950		
127	45.3		40.2	60.4
164	33.7		25.7	38.5

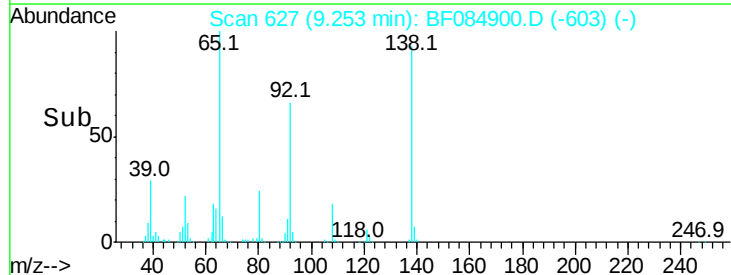
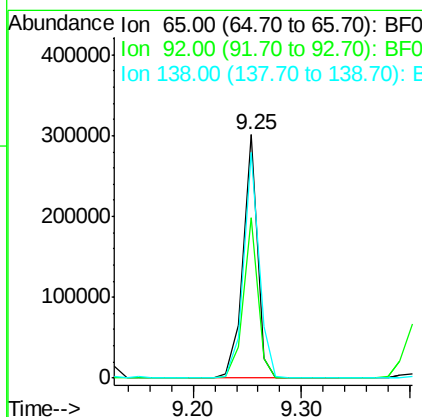
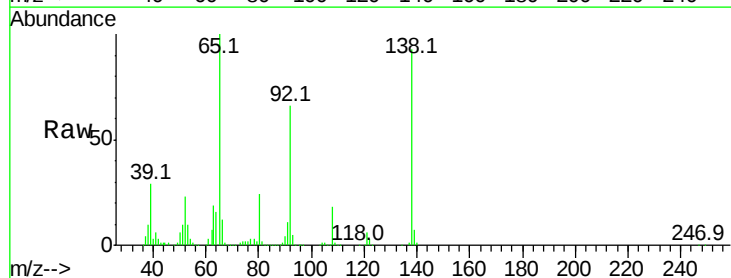
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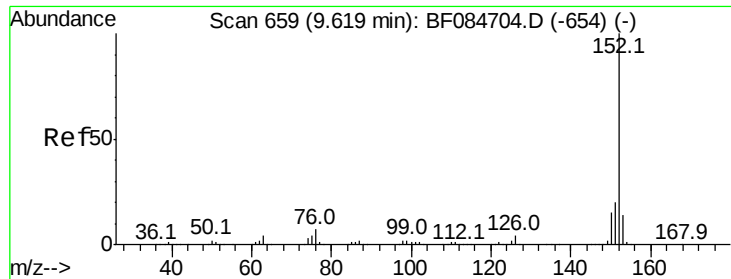
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#47
2-Nitroaniline
Concen: 42.79 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	273520		
92	66.1		53.4	80.2
138	92.6		71.1	106.7





#48

Acenaphthylene

Concen: 39.24 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:152 Resp: 1201869

Ion Ratio Lower Upper

152 100

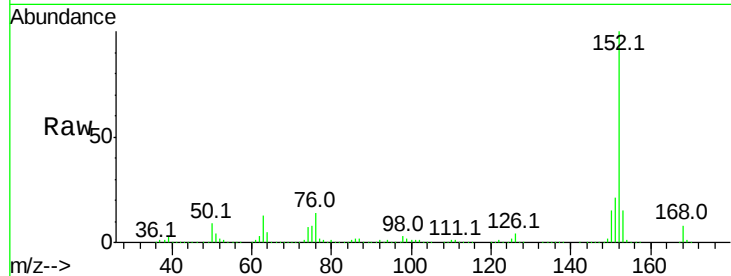
151 20.8 16.3 24.5

153 14.5 10.4 15.6

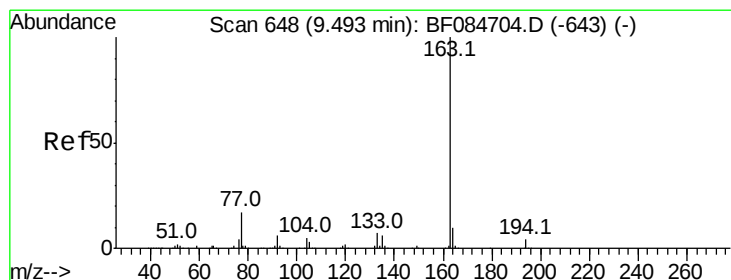
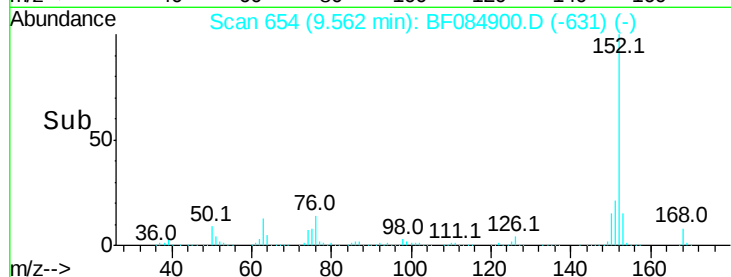
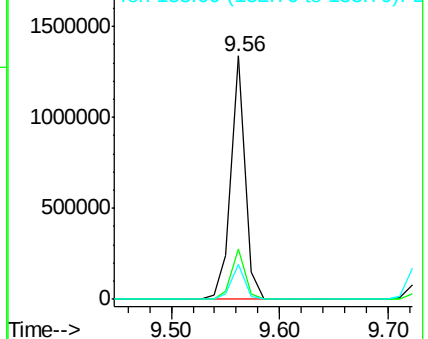
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 67.85 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

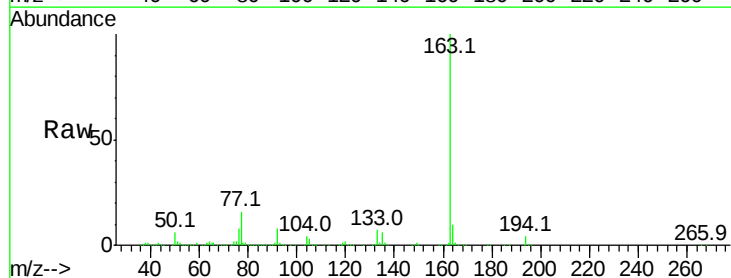
Tgt Ion:163 Resp: 1585845

Ion Ratio Lower Upper

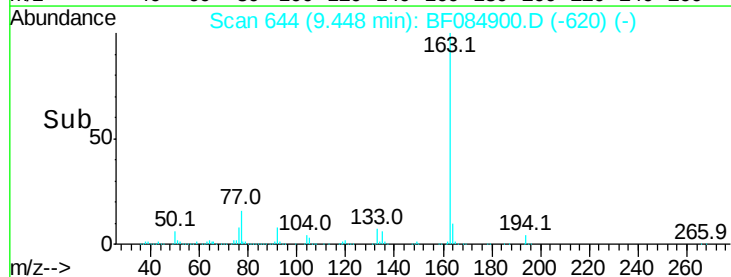
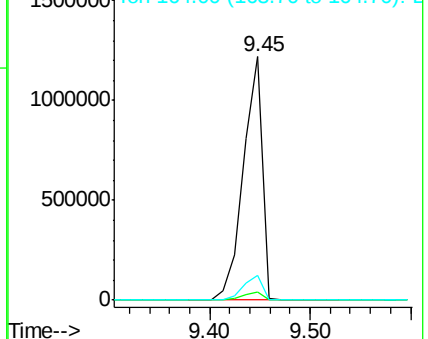
163 100

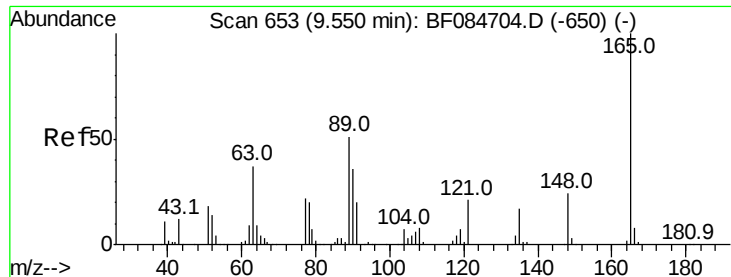
194 3.5 8.0 12.0#

164 10.1 8.0 12.0



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





#50

2,6-Dinitrotoluene

Concen: 49.16 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

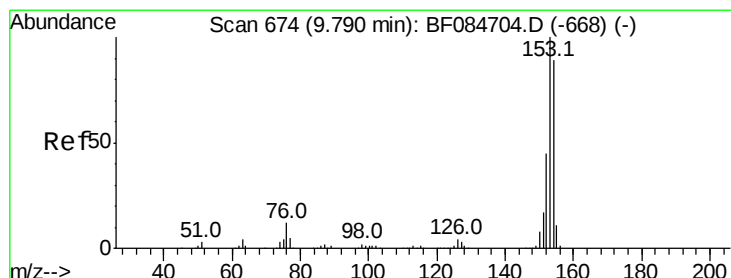
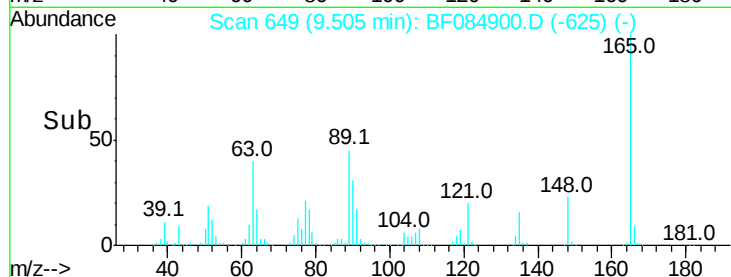
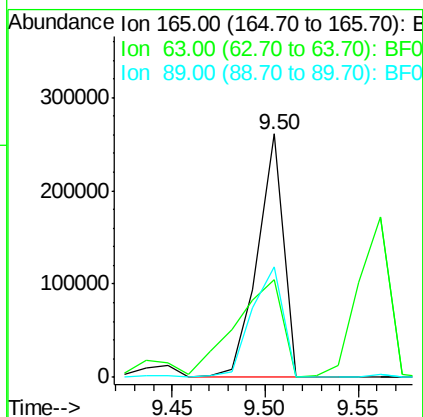
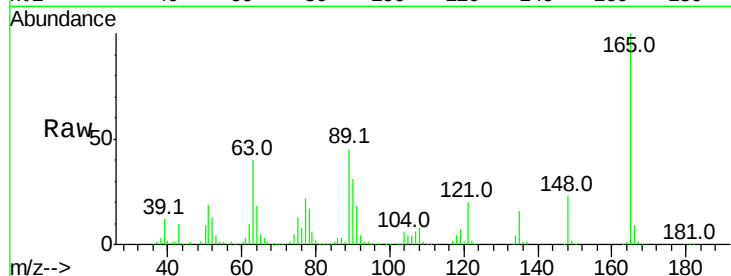
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	165	Resp:	251020
Ion Ratio	Lower	Upper	
165	100		
63	40.1	28.8	43.2
89	45.4	35.1	52.7

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#51

Acenaphthene

Concen: 38.62 ng

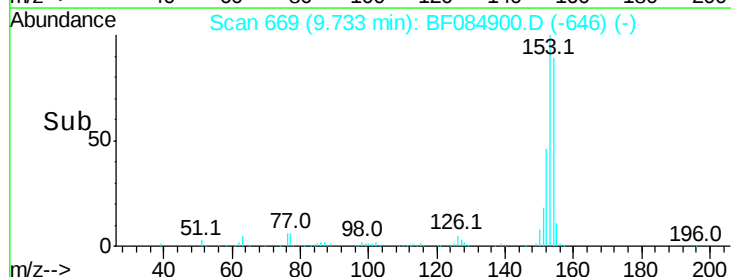
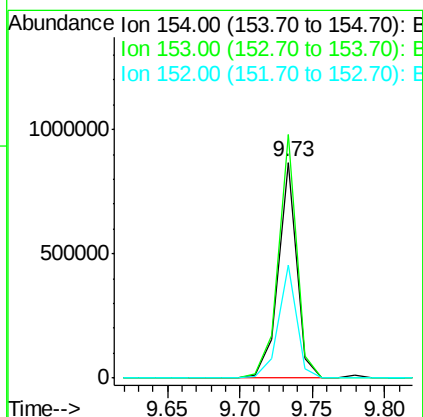
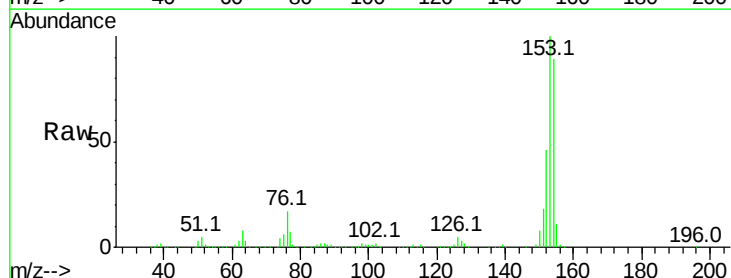
RT: 9.73 min Scan# 669

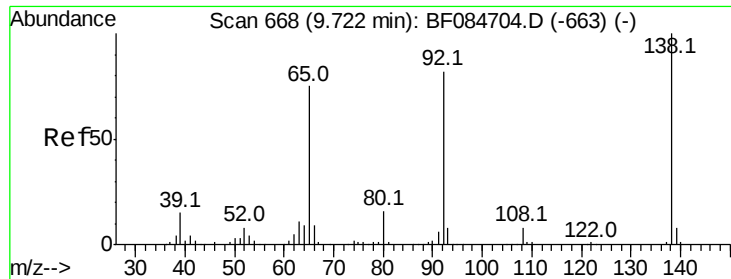
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	154	Resp:	769630
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.5	137.3
152	52.2	43.0	64.6





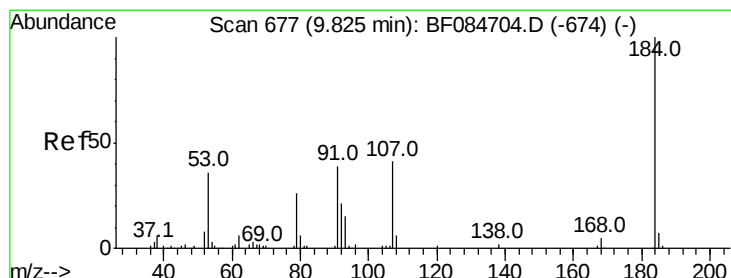
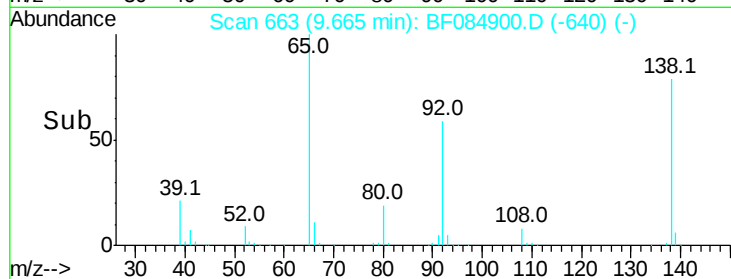
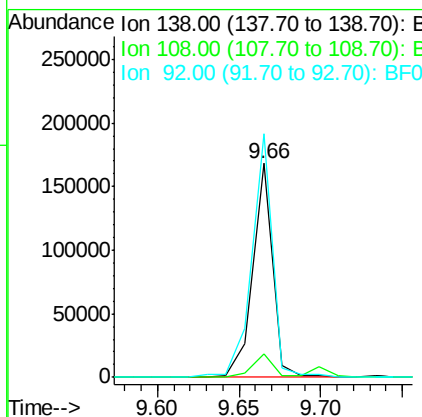
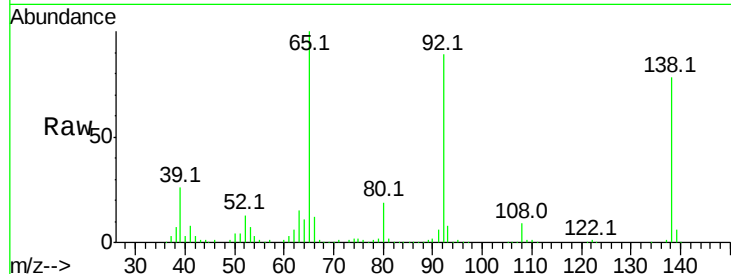
#52
 3-Nitroaniline
 Concen: 24.80 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	142276		
108	10.9	10.5	15.7	
92	113.9	103.9	155.9	

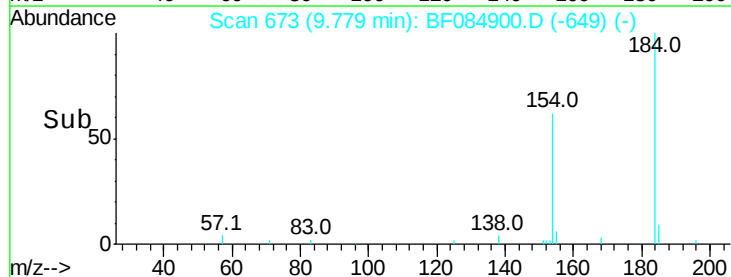
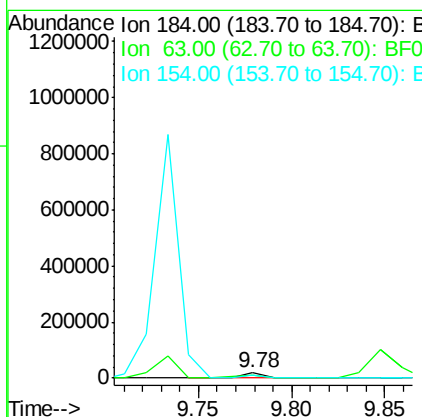
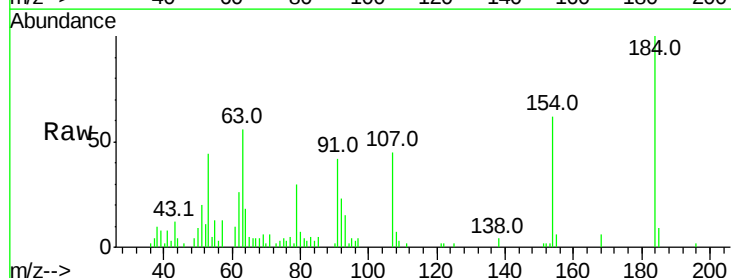
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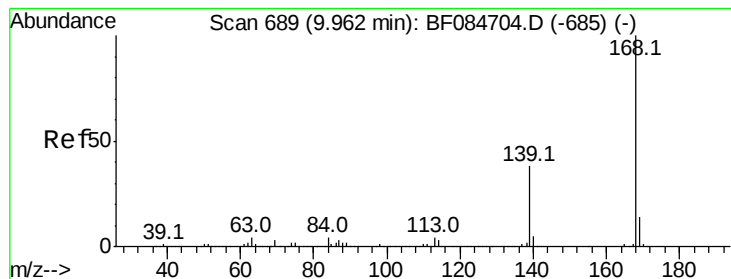
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#53
 2,4-Dinitrophenol
 Concen: 13.44 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	19410		
63	56.1	43.1	64.7	
154	62.1	60.5	90.7	





#54

Dibenzofuran

Concen: 43.70 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:168 Resp: 1064289

Ion Ratio Lower Upper

168 100

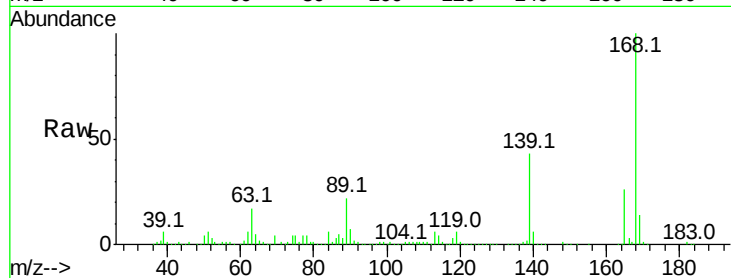
139 43.5 30.5 45.7

169 13.8 10.4 15.6

Manual Integrations
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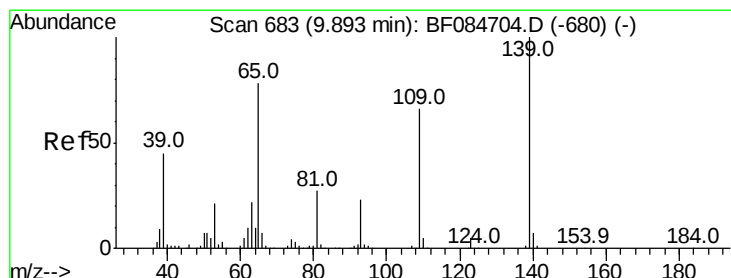
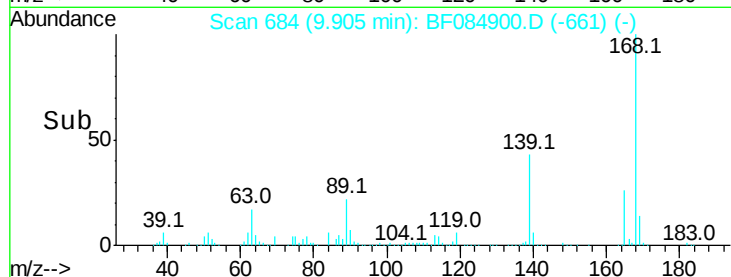
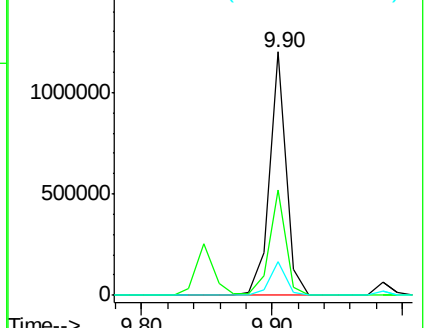
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 58.52 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

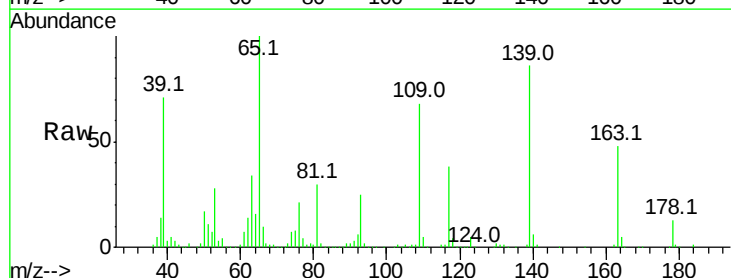
Tgt Ion:139 Resp: 246763

Ion Ratio Lower Upper

139 100

109 78.4 58.5 98.5

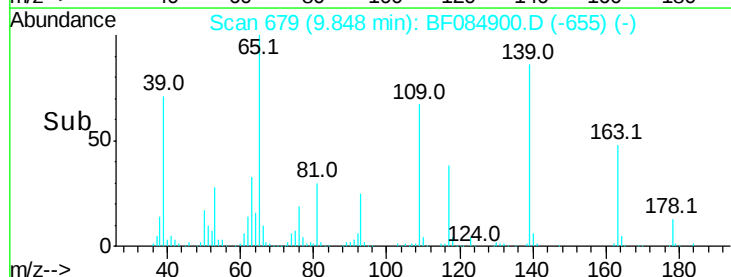
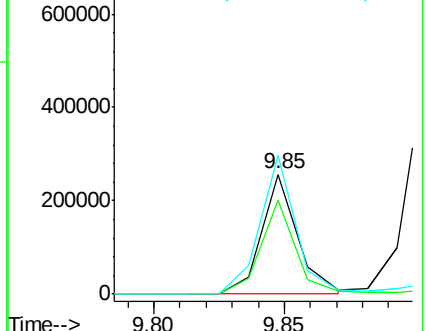
65 116.0 57.6 97.6#

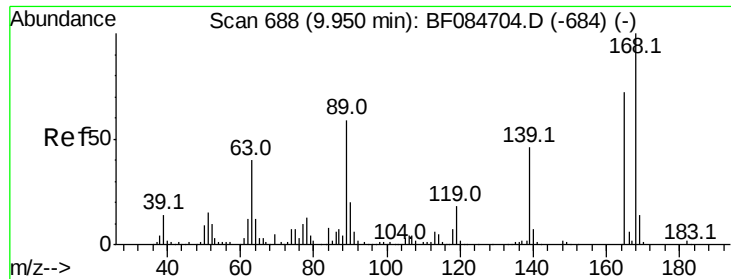


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





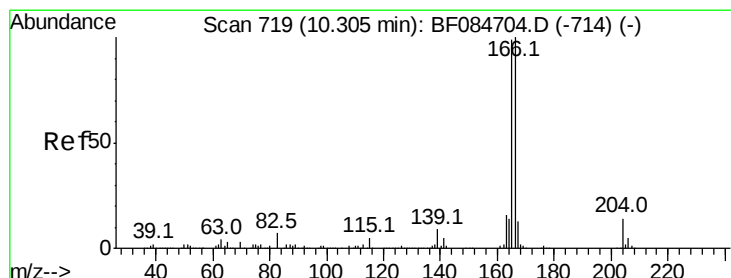
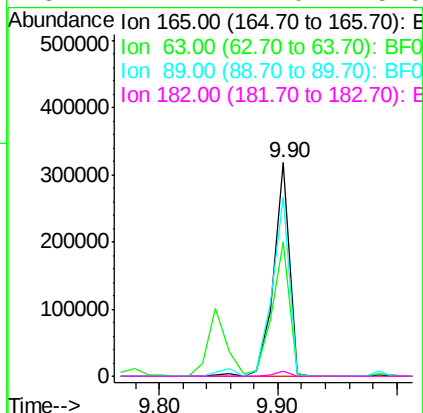
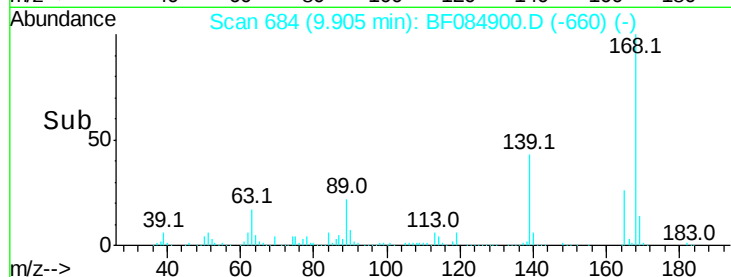
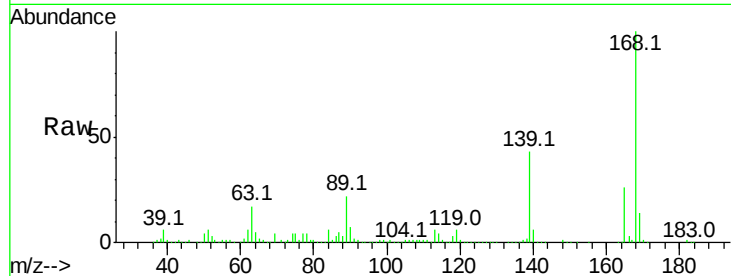
#56
2,4-Dinitrotoluene
Concen: 45.70 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	297607		
63	62.9	36.7	55.1#	
89	83.7	61.9	92.9	
182	2.2	2.0	3.0	

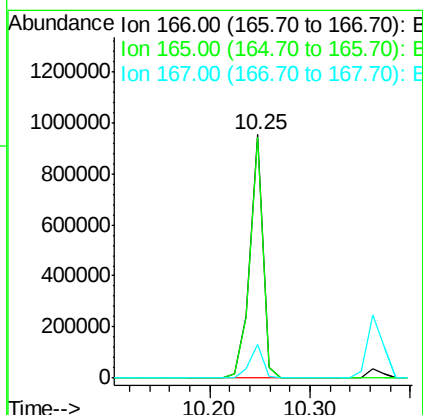
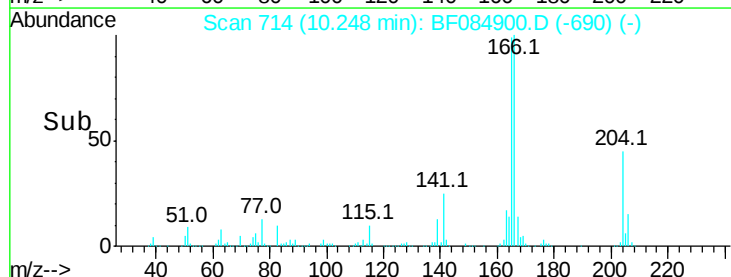
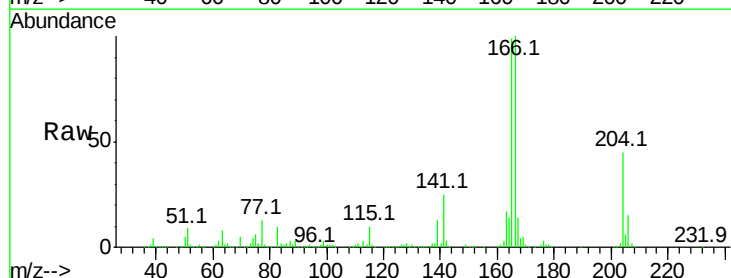
Manual Integrations
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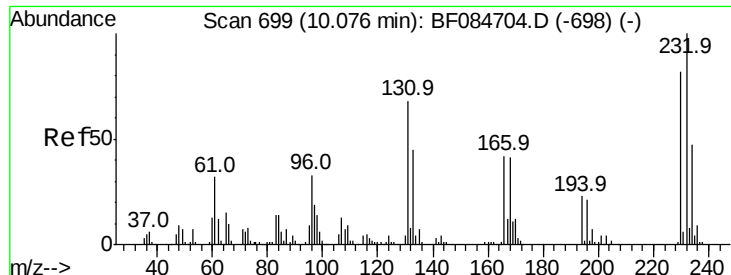
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#57
Fluorene
Concen: 42.27 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	859667		
165	98.9	79.1	118.7	
167	13.9	10.4	15.6	





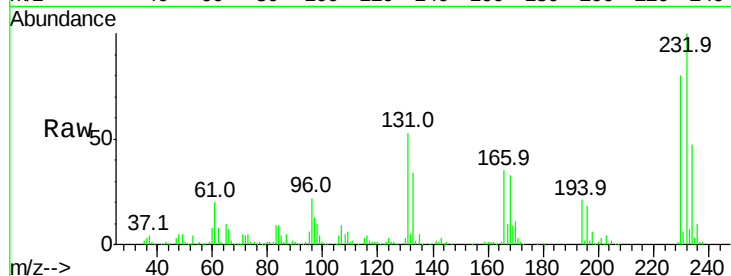
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.27 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

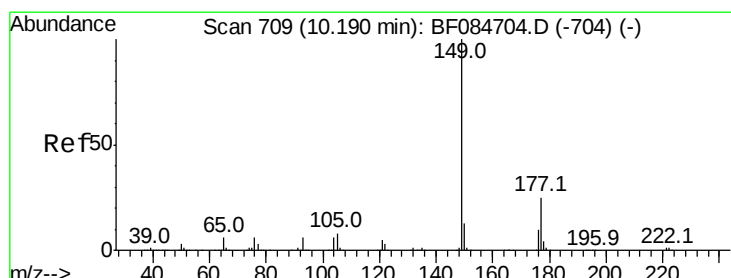
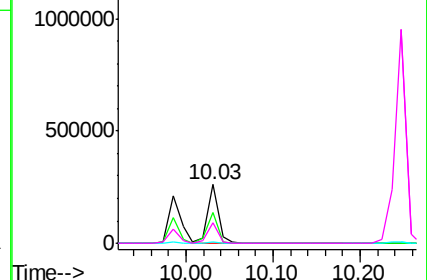
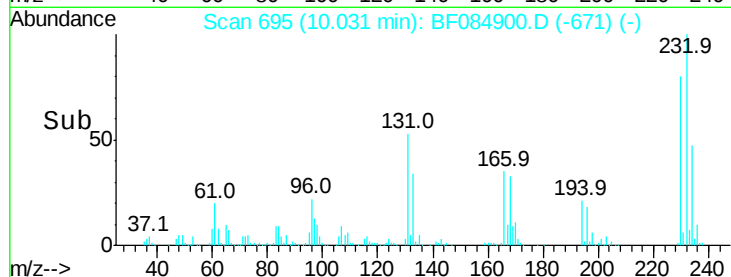
Tot Ion	Ratio	Resp	Lower	Upper
232	100	224744		
131	53.4	47.0	70.6	
130	2.7	2.0	3.0	
166	33.6	30.5	45.7	

Manual Integrations
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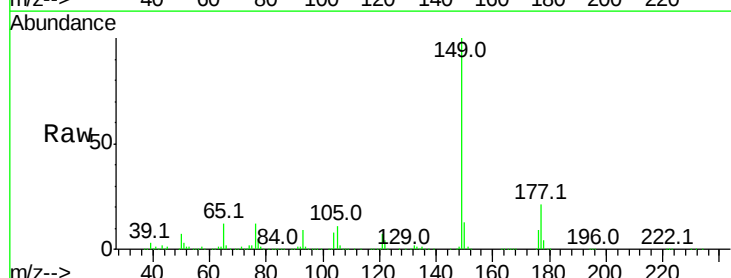


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

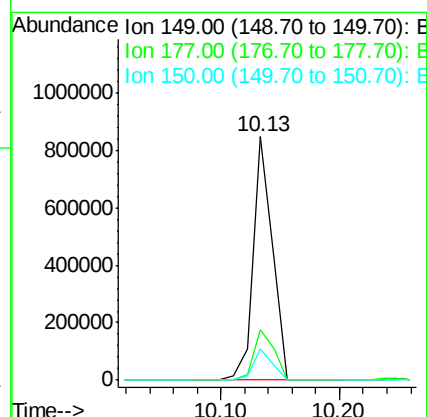
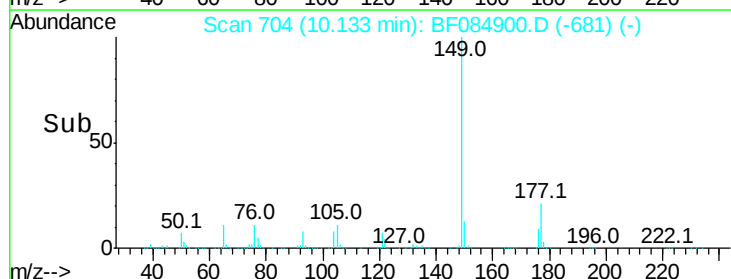


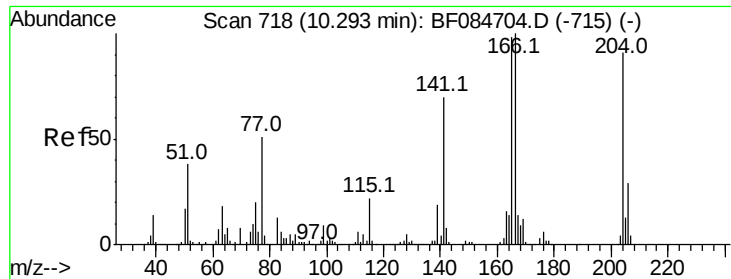
#59
 Diethylphthalate
 Concen: 41.50 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	947194		
177	20.5	17.3	25.9	
150	13.0	9.8	14.8	



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





#60

4-Chlorophenyl-phenylether

Concen: 50.73 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

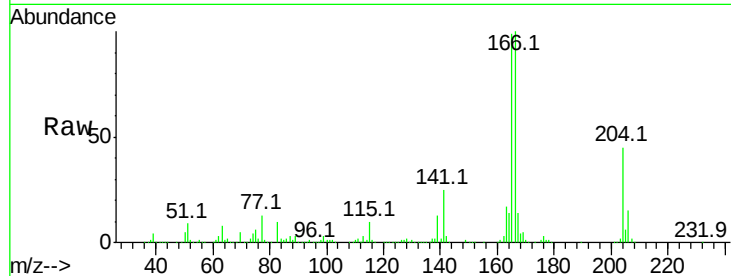
ClientSampleId :

S4-B009(5-7)MSD

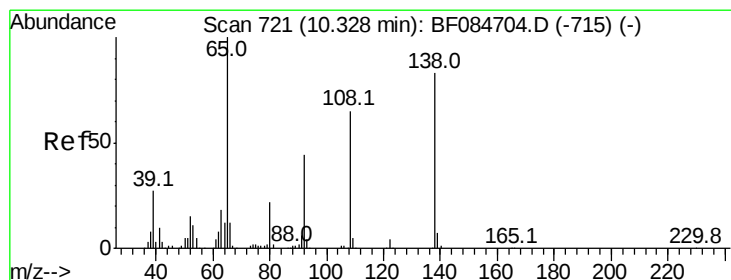
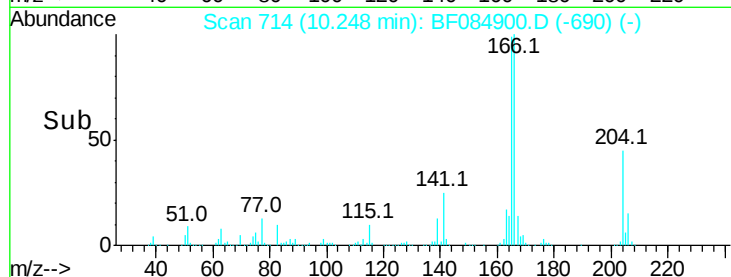
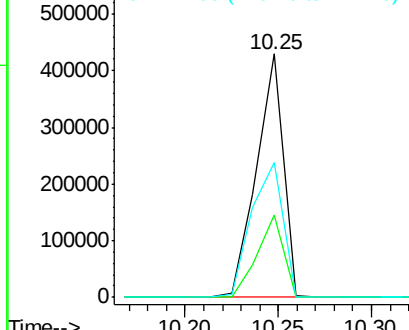
Tot Ion:	204	Resp:	425613
Ion Ratio	Lower	Upper	
204	100		
206	33.6	25.7	38.5
141	55.2	55.1	82.7

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



#61

4-Nitroaniline

Concen: 41.99 ng

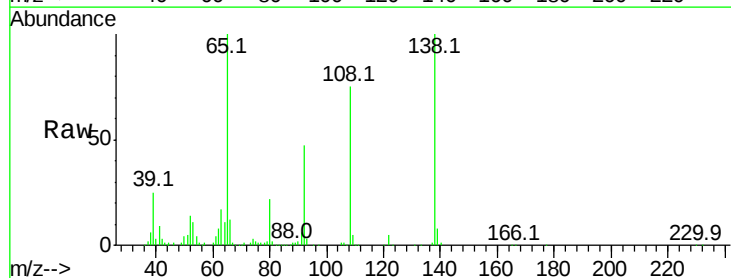
RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

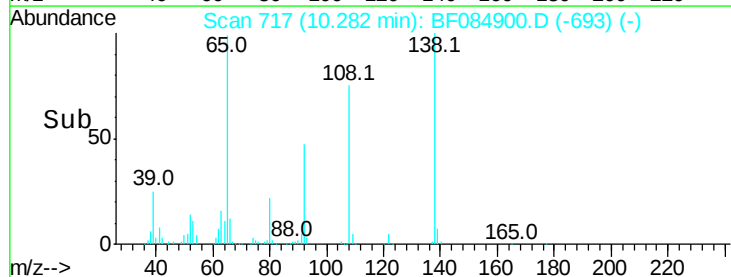
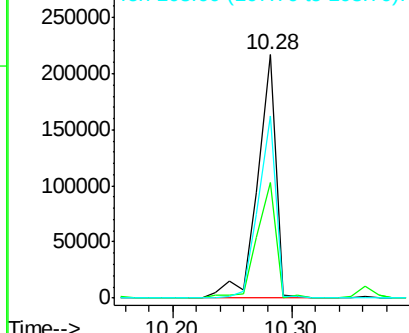
Lab File: BF084900.D

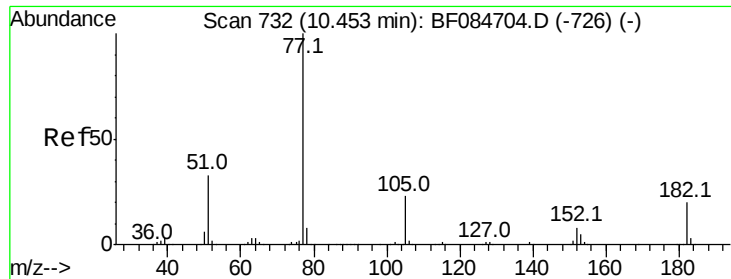
Acq: 6 Feb 2016 9:55

Tgt Ion:	138	Resp:	234772
Ion Ratio	Lower	Upper	
138	100		
92	47.3	32.6	72.6
108	74.7	68.6	108.6



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: 45.73 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion: 77 Resp: 1003642

Ion Ratio Lower Upper

77 100

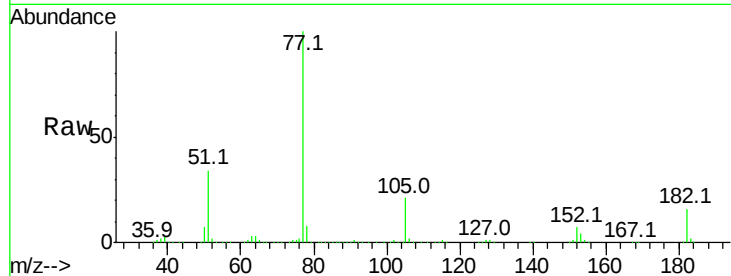
182 16.3 8.3 48.3

105 21.3 4.6 44.6

51 34.2 6.2 46.2

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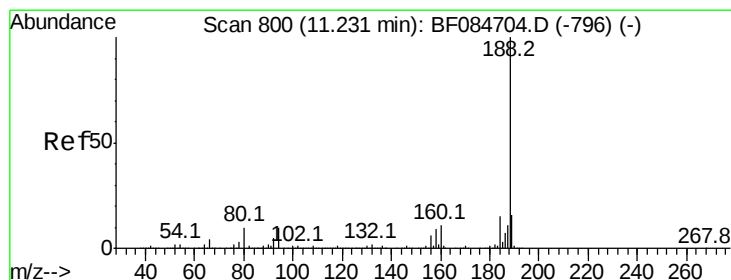
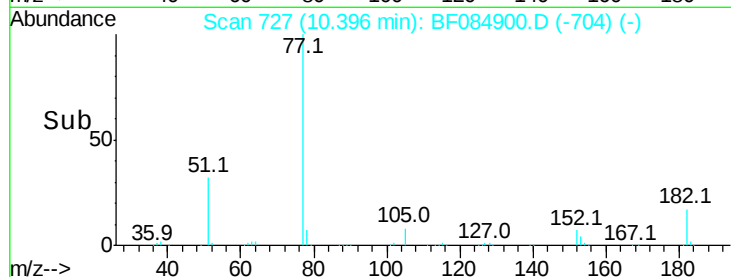
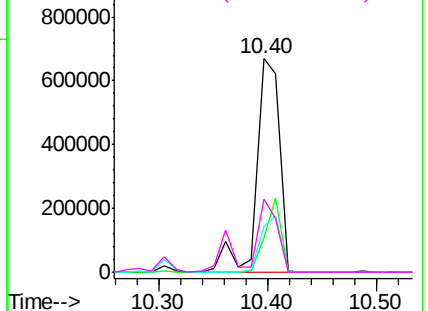


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

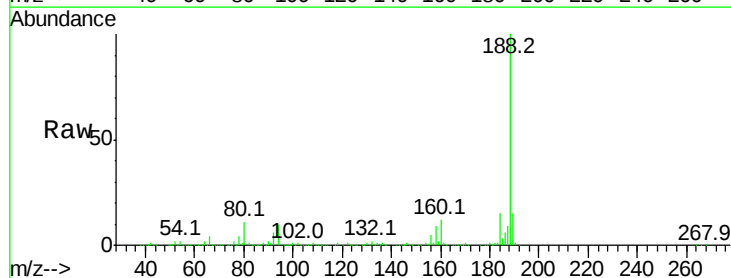
Tgt Ion: 188 Resp: 503143

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

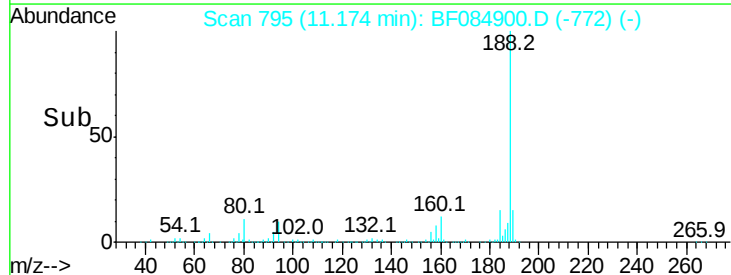
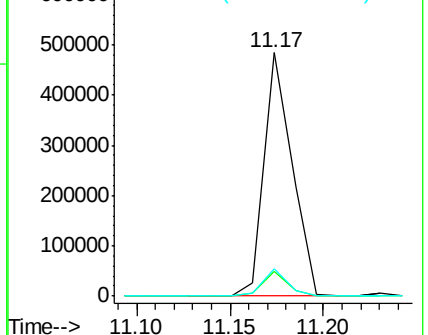
80 11.2 9.6 14.4

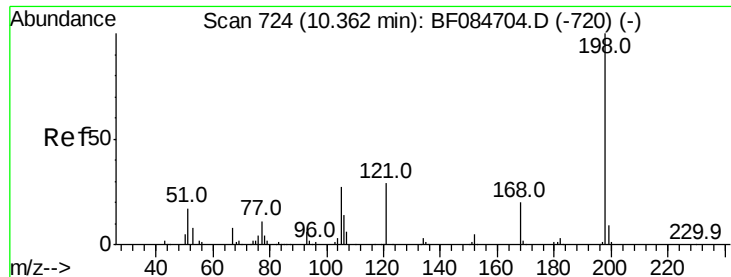


Abundance Ion 188.00 (187.70 to 188.70): E

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: 20.89 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

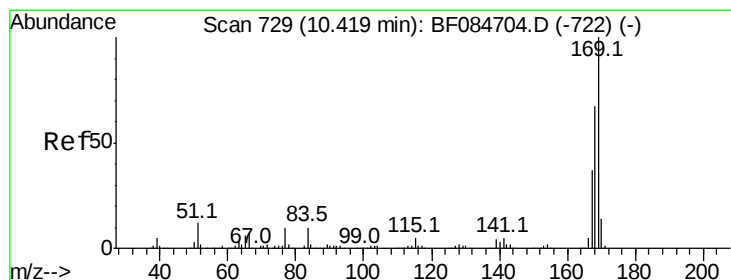
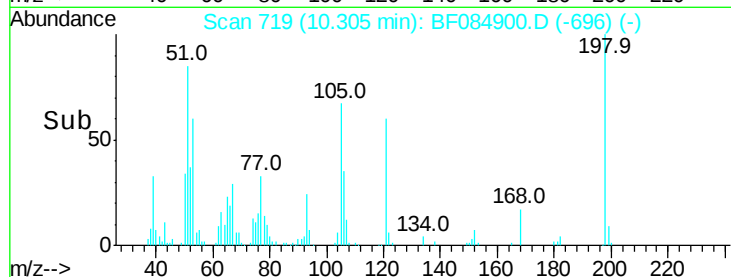
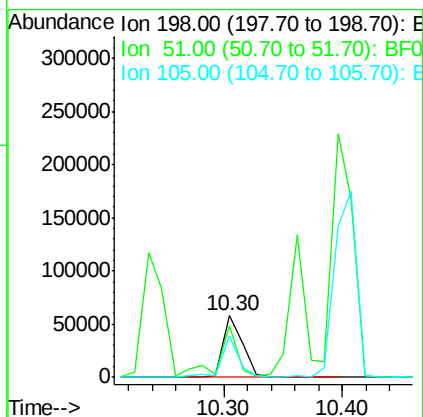
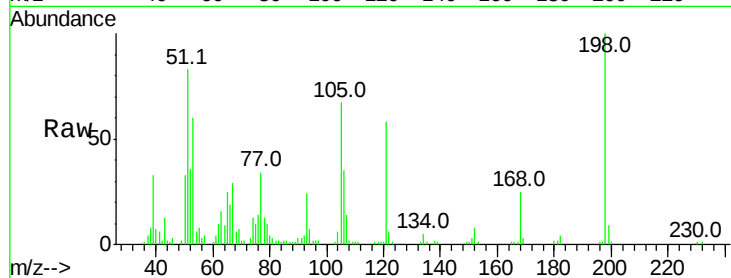
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	198	Resp:	64883
Ion Ratio	Lower	Upper	
198	100		
51	83.4	18.9	58.9#
105	66.6	26.4	66.4#

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 46.37 ng

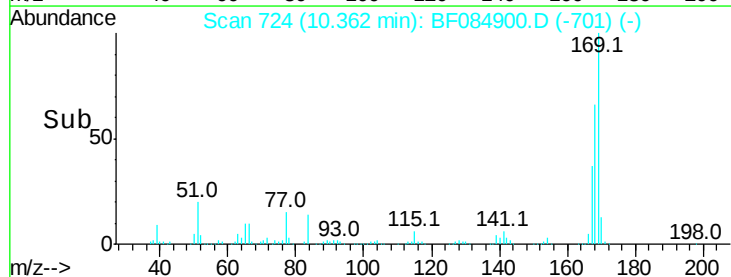
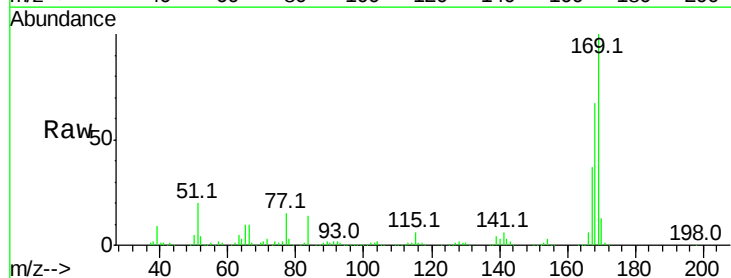
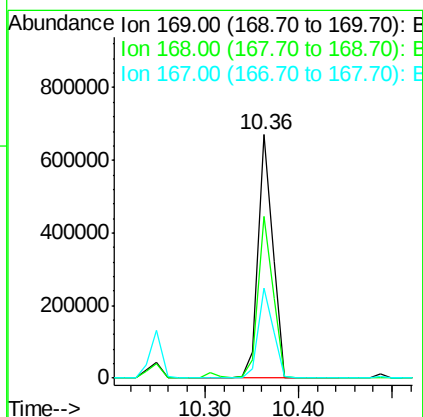
RT: 10.36 min Scan# 724

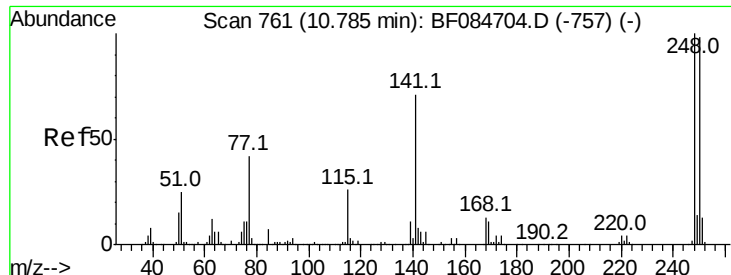
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	169	Resp:	740834
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.1	82.7
167	36.9	30.0	45.0





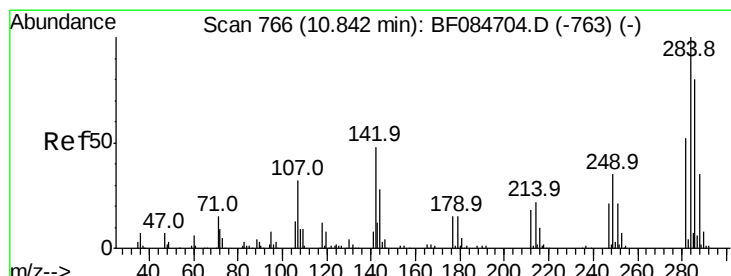
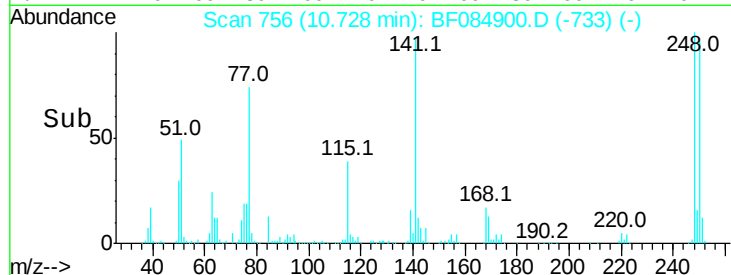
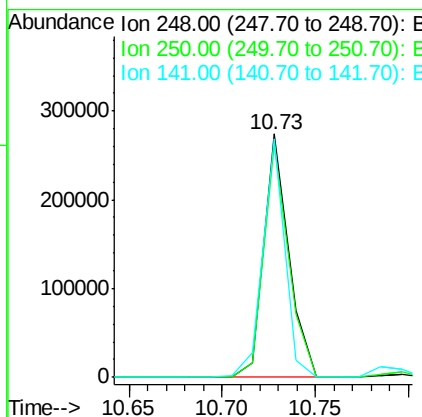
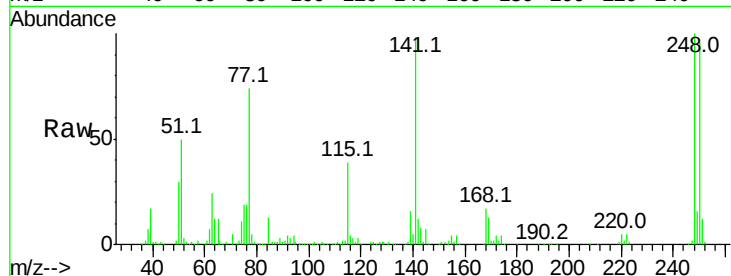
#66
 4-Bromophenyl-phenylether
 Concen: 45.26 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	251499		
250	96.0		78.4	117.6
141	97.9		44.0	66.0#

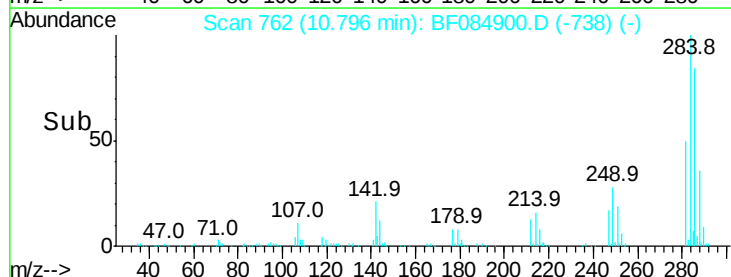
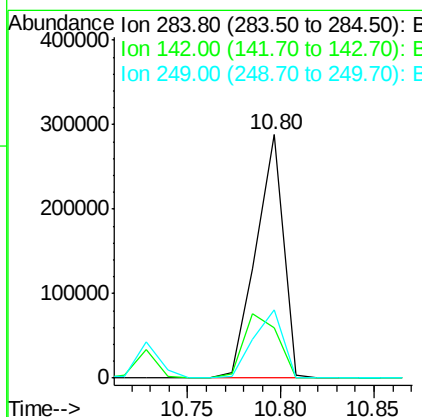
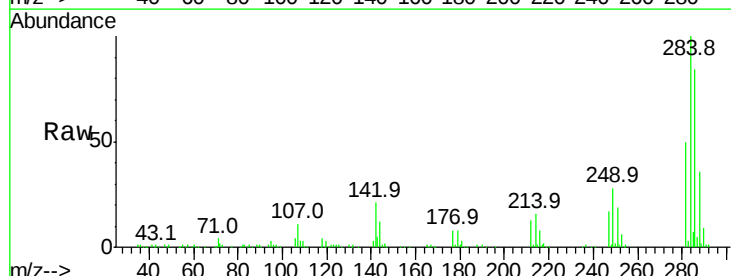
Manual Integrations
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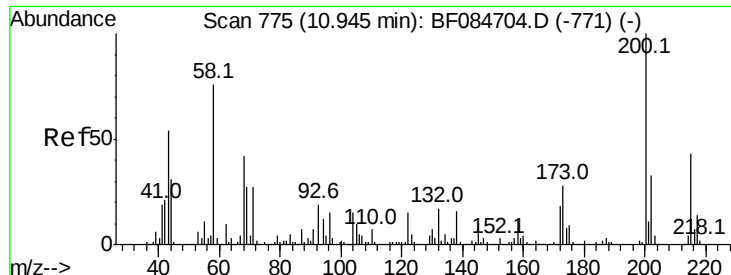
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#67
 Hexachlorobenzene
 Concen: 48.32 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	292565		
142	20.9		22.2	33.4#
249	28.3		24.6	37.0





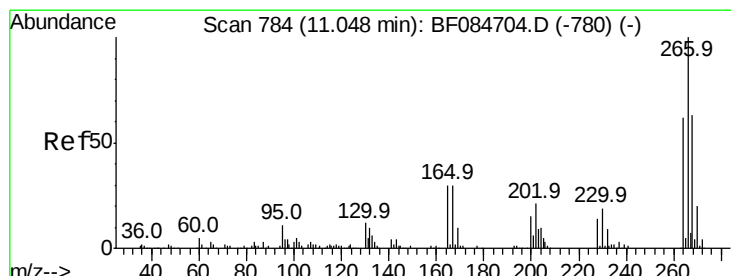
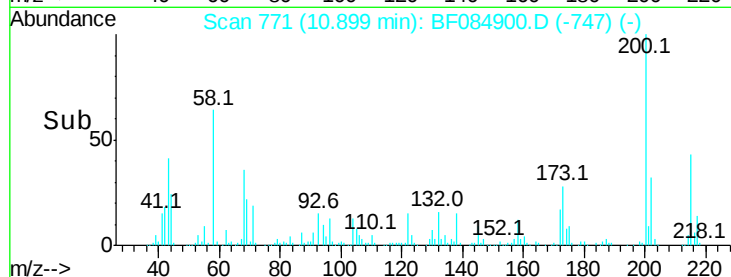
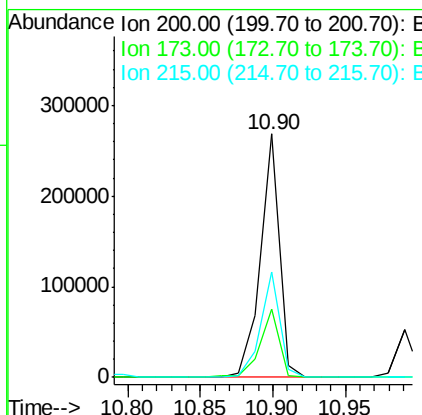
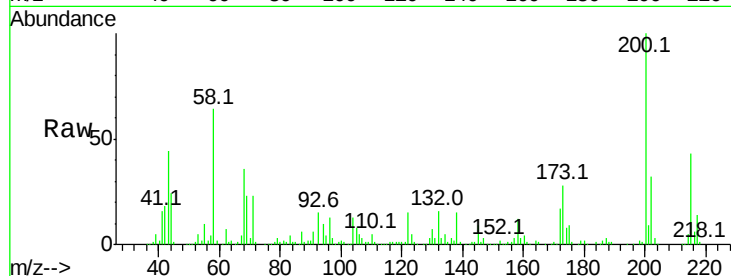
#68
Atrazine
Concen: 48.49 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	9.5	49.5
215	43.3	23.8	63.8

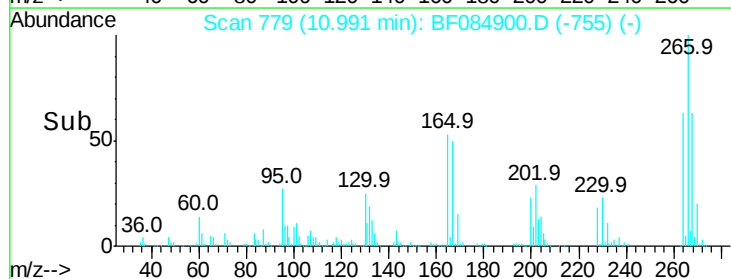
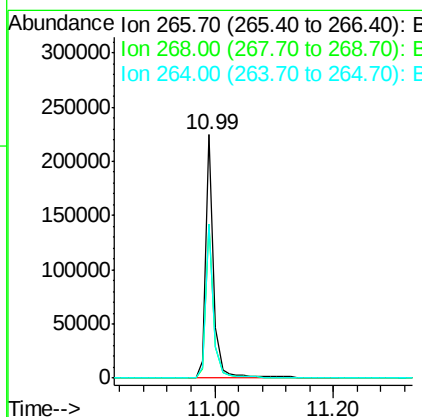
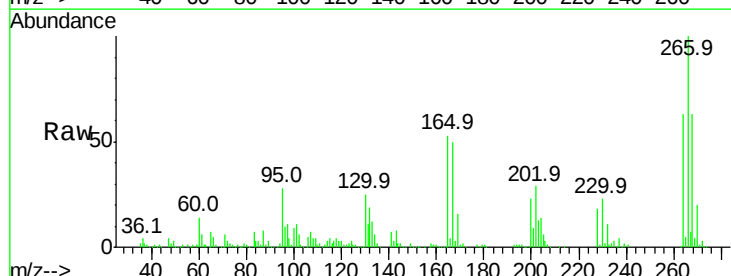
Manual Integrations
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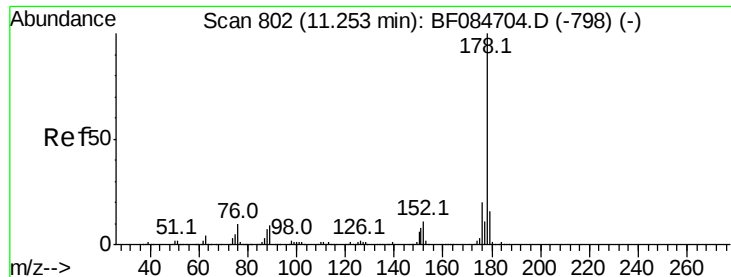
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#69
Pentachlorophenol
Concen: 76.57 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	52.4	78.6
264	63.2	50.2	75.2





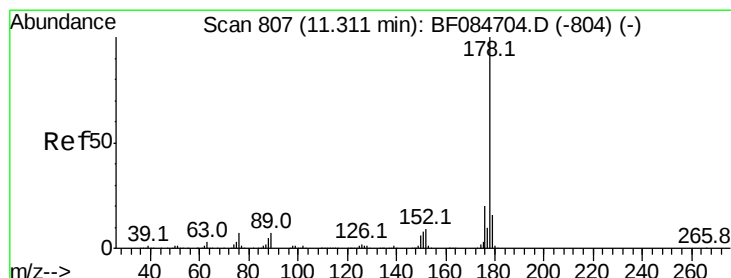
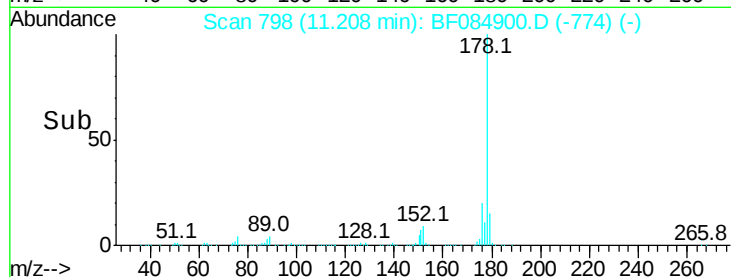
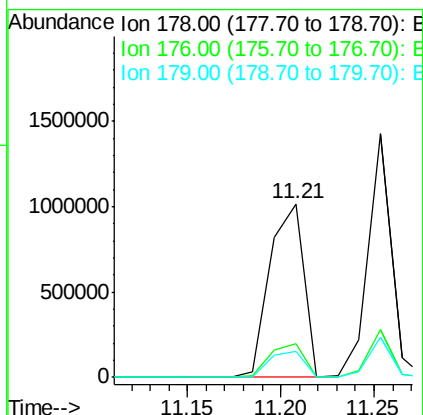
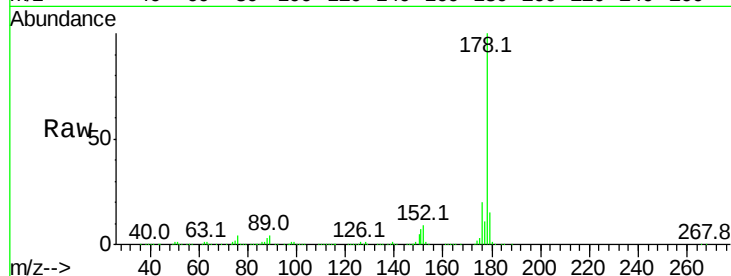
#70
Phenanthrene
Concen: 46.36 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.2	12.0	18.0

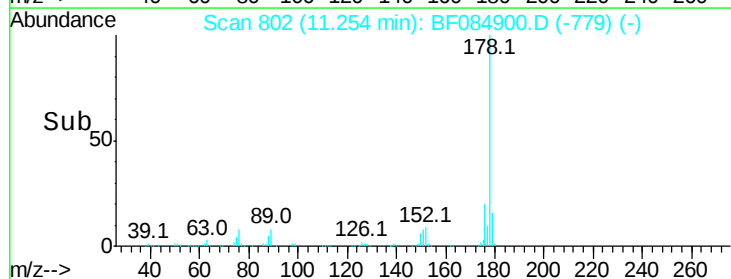
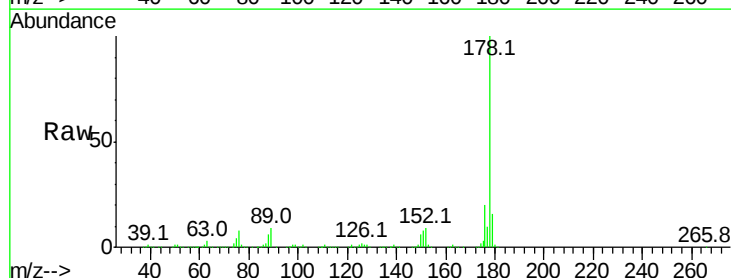
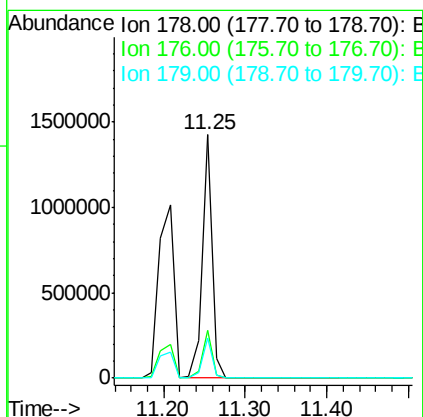
Manual Integrations
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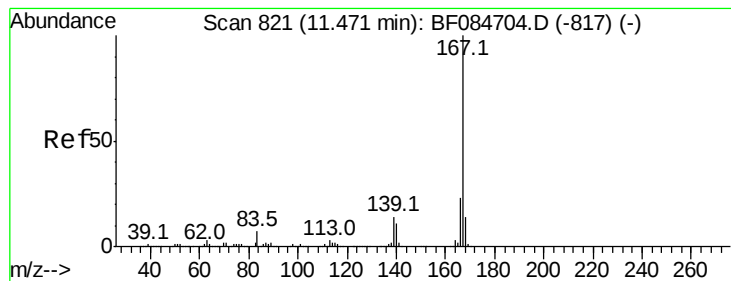
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#71
Anthracene
Concen: 43.39 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.5	12.5	18.7





#72

Carbazole

Concen: 41.55 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:167 Resp: 1018870

Ion Ratio Lower Upper

167 100

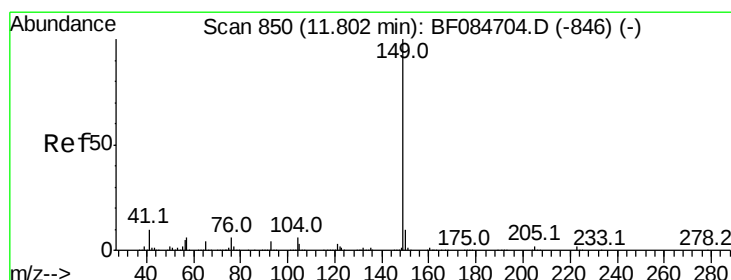
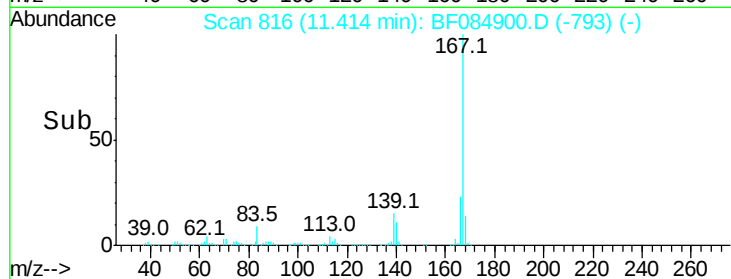
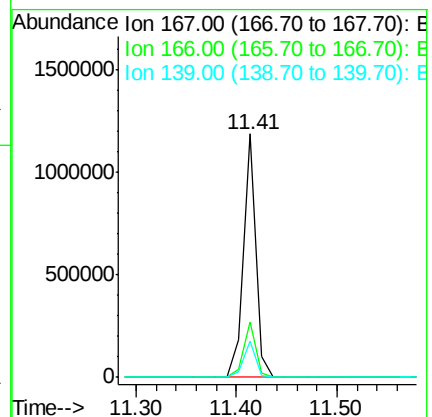
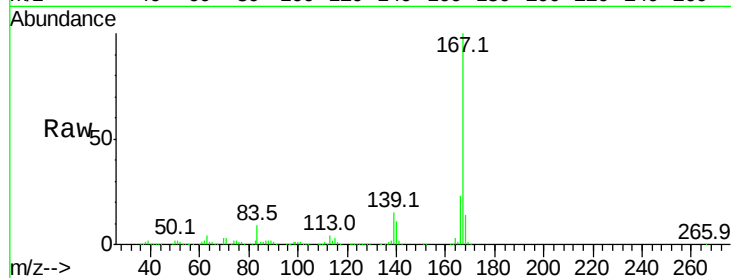
166 22.5 17.6 26.4

139 14.9 11.8 17.8

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 46.95 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

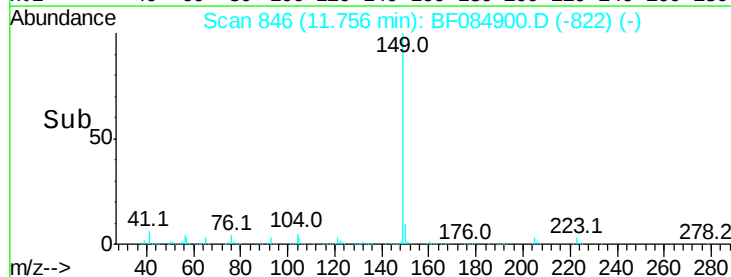
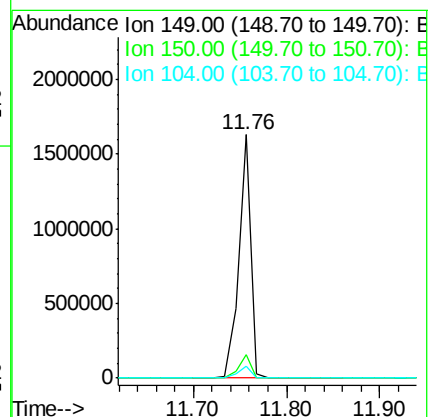
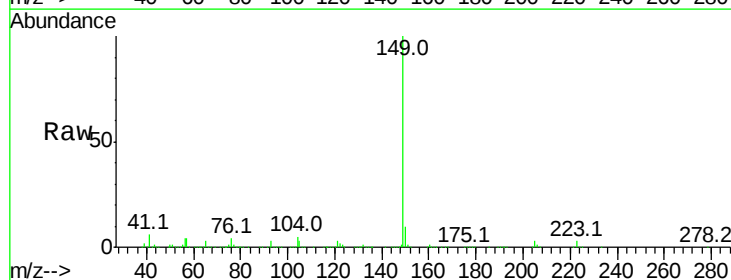
Tgt Ion:149 Resp: 1465689

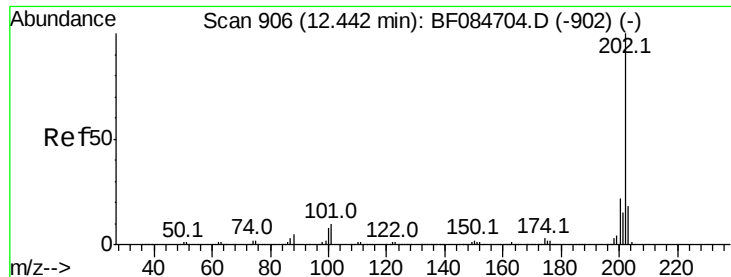
Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 5.0 3.2 4.8#





#74

Fluoranthene

Concen: 40.27 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

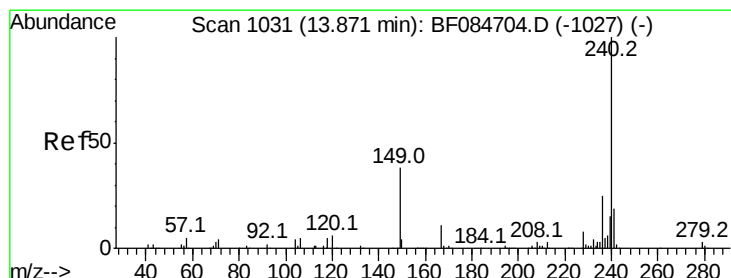
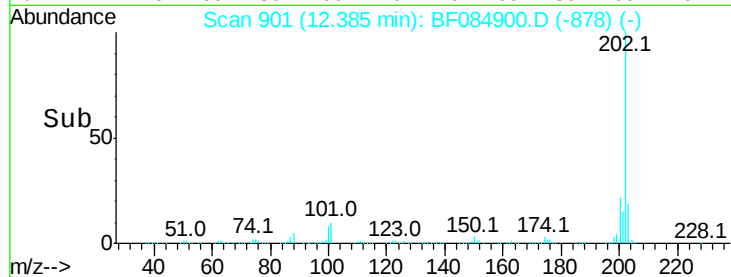
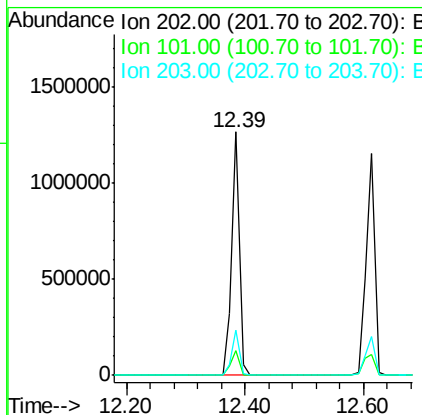
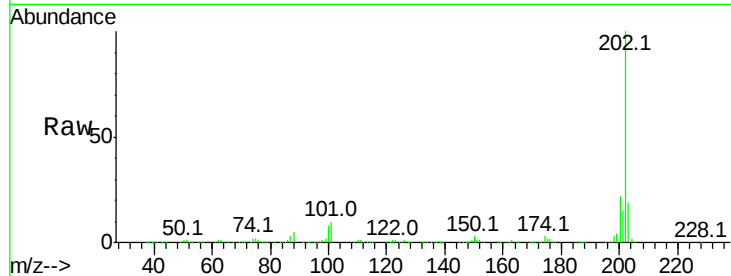
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	202	Resp:	1137536
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.8
203	18.5	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

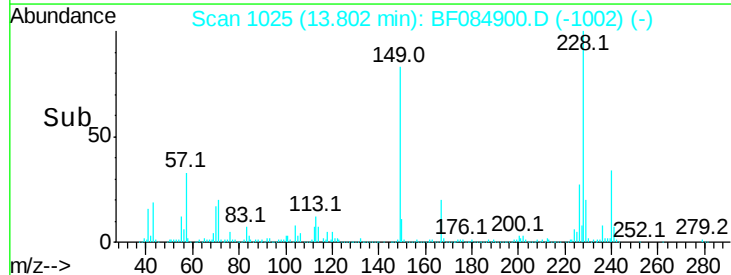
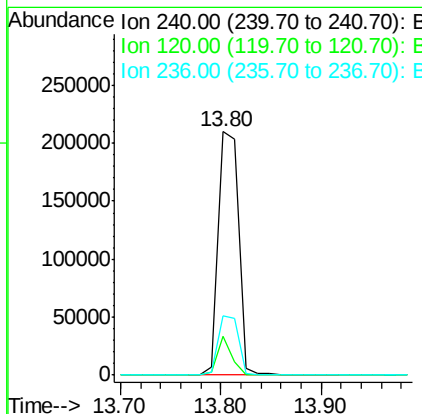
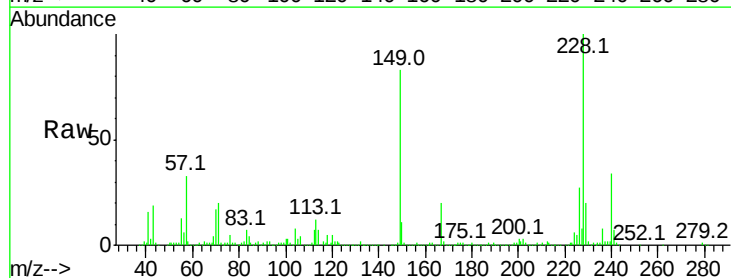
RT: 13.80 min Scan# 1025

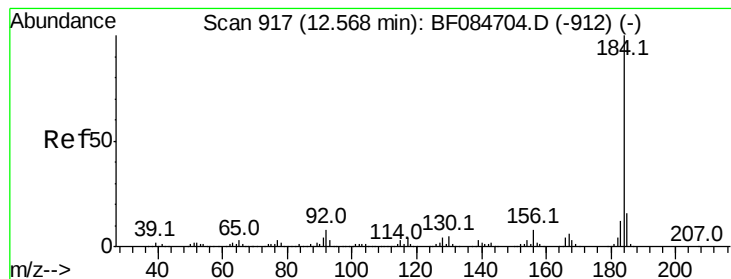
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	240	Resp:	295621
Ion Ratio	Lower	Upper	
240	100		
120	15.9	9.5	14.3#
236	24.6	20.6	31.0





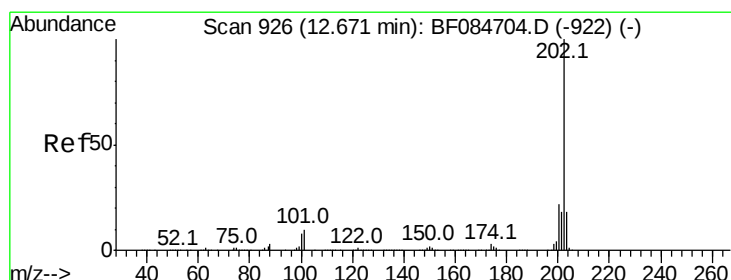
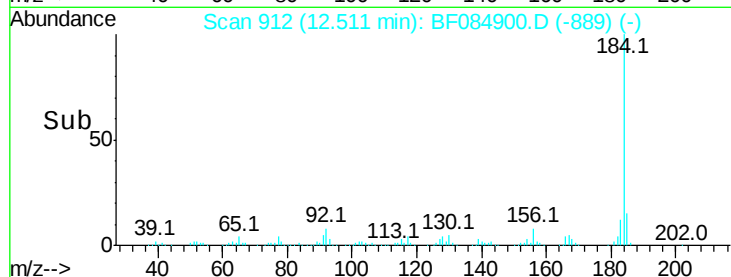
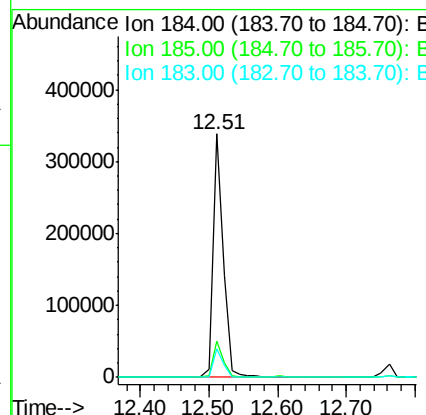
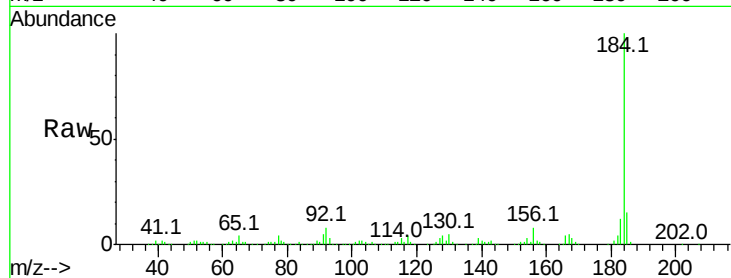
#76
Benzidine
Concen: 34.07 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	12.2	18.2	
183	11.5	9.8	14.8	

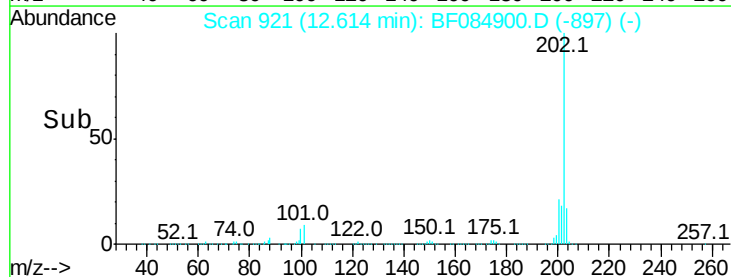
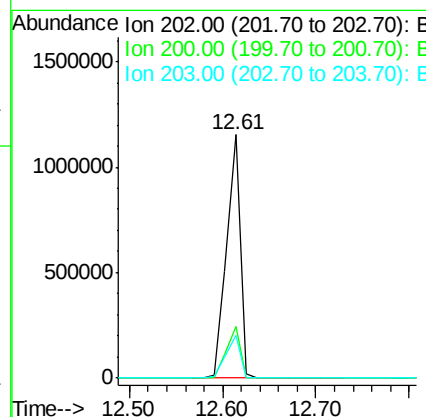
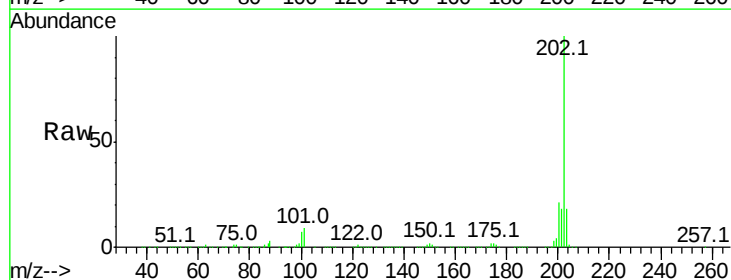
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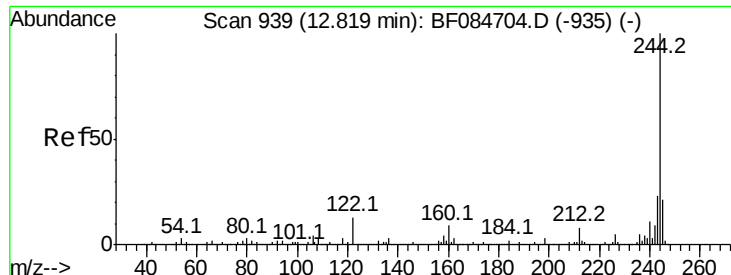
UMANGI
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#77
Pyrene
Concen: 51.47 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.2	25.8	
203	17.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 88.50 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:244 Resp: 1154566

Ion Ratio Lower Upper

244 100

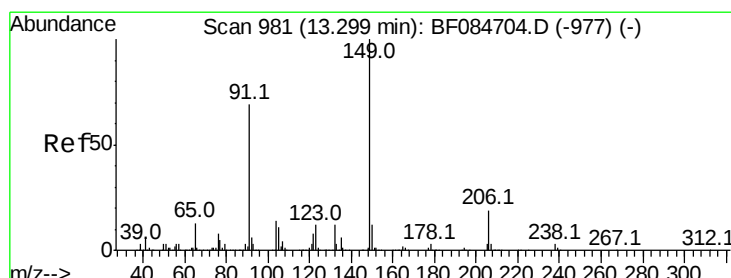
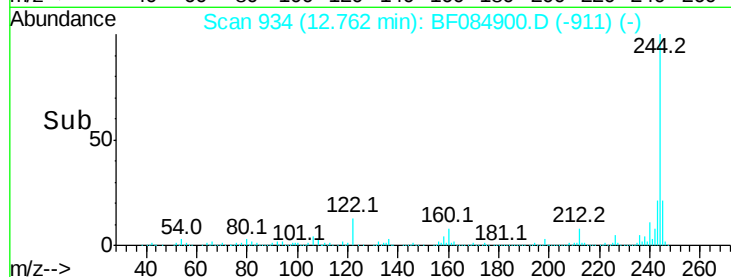
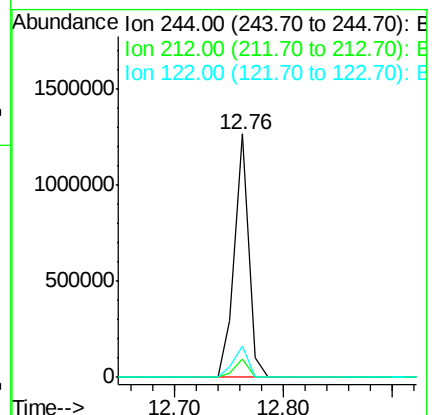
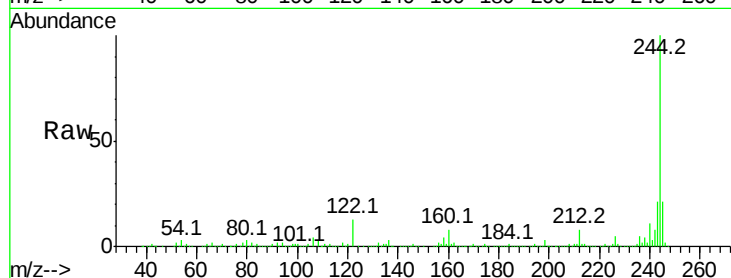
212 7.6 5.7 8.5

122 12.7 7.4 11.0#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 46.70 ng

RT: 13.24 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

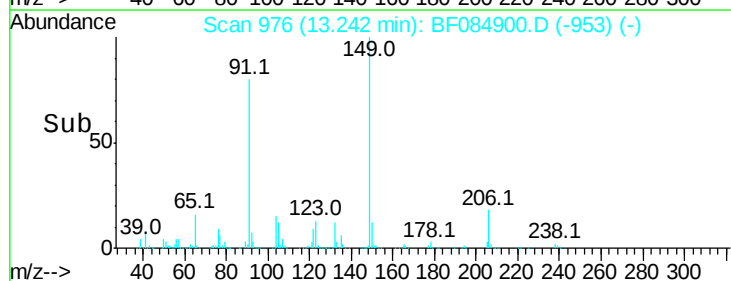
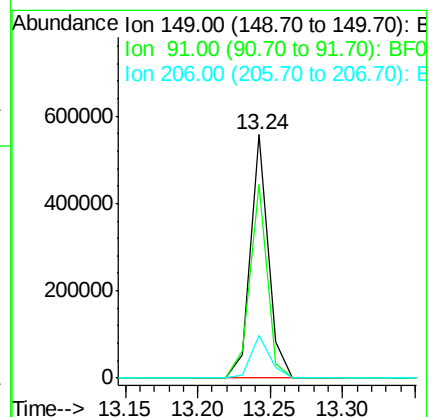
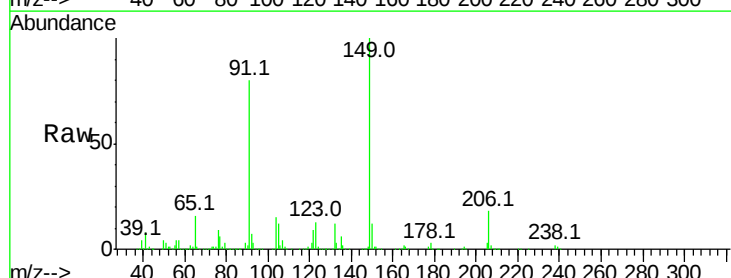
Tgt Ion:149 Resp: 479520

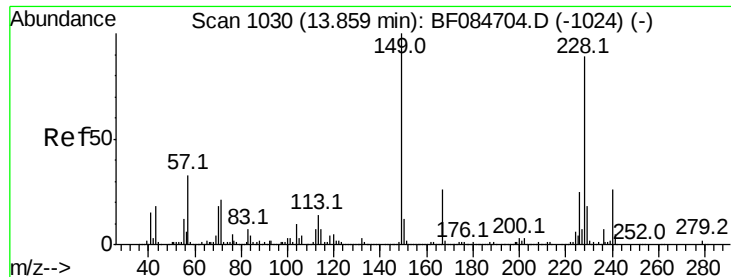
Ion Ratio Lower Upper

149 100

91 79.7 57.6 86.4

206 17.6 13.2 19.8





#80

Benzo(a)anthracene

Concen: 47.83 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

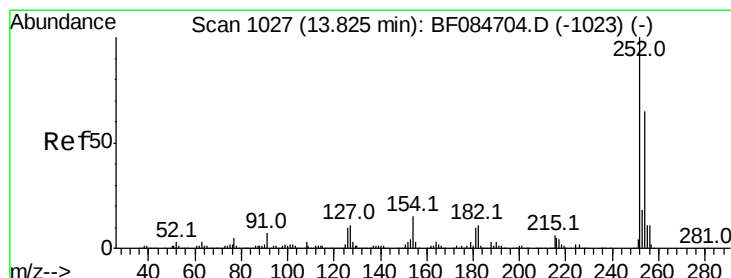
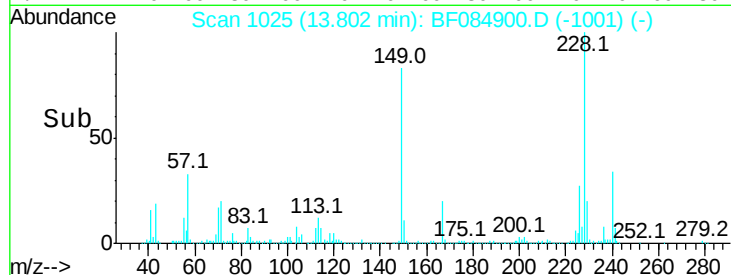
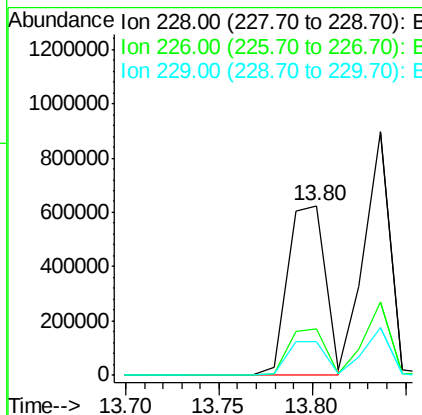
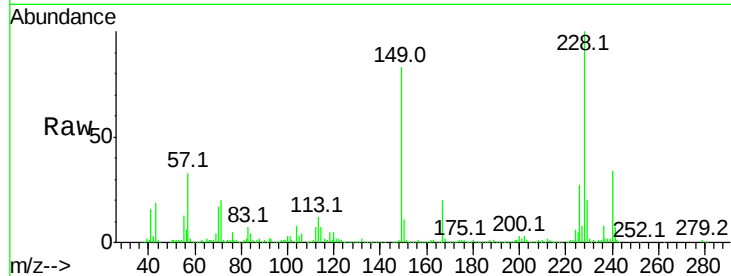
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.6	15.8	23.8

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#81

3,3'-Dichlorobenzidine

Concen: 27.57 ng

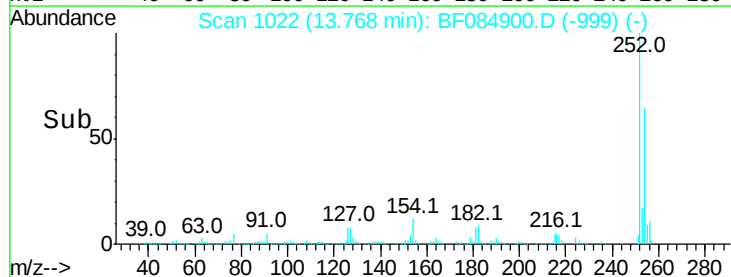
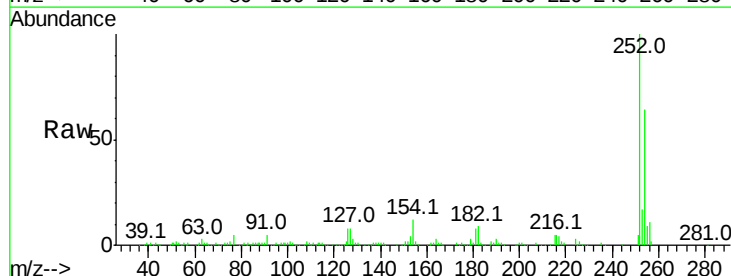
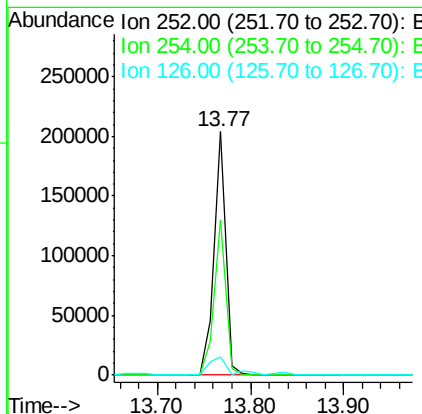
RT: 13.77 min Scan# 1022

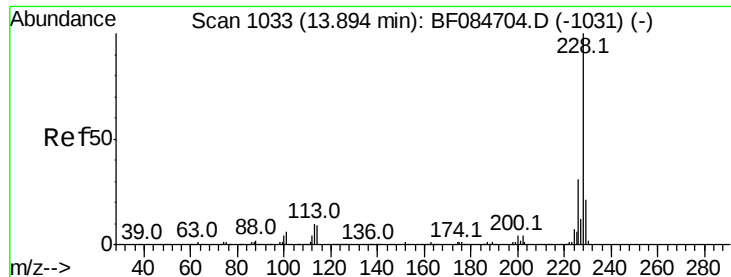
Delta R.T. -0.03 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.5	80.3
126	7.6	4.9	7.3#





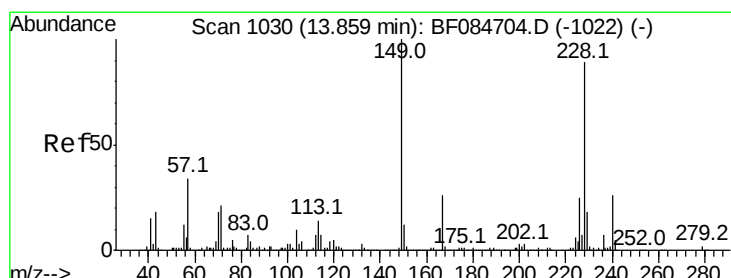
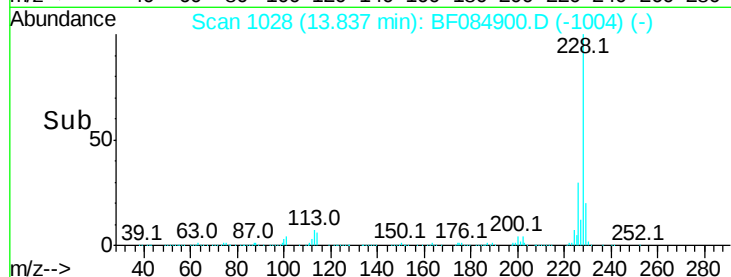
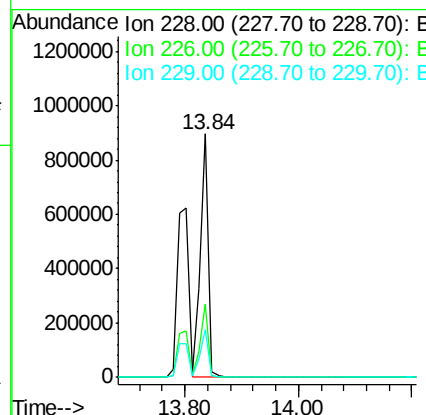
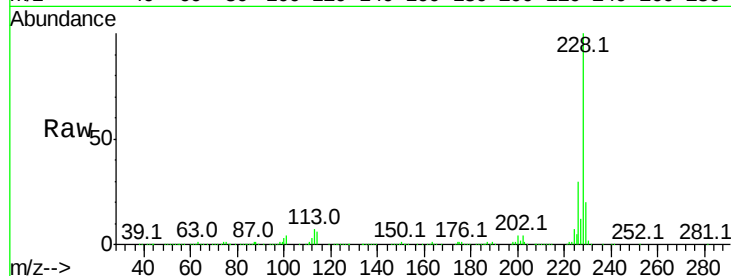
#82
 Chrysene
 Concen: 48.99 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MSD

Tot Ion:	228	Resp:	871645
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.3	36.5
229	19.8	16.1	24.1

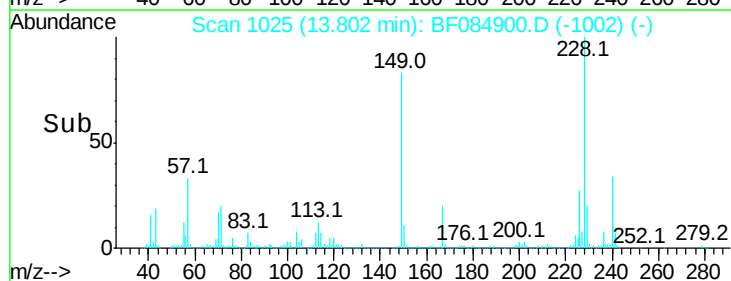
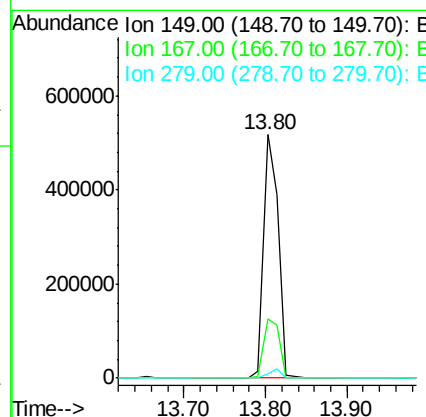
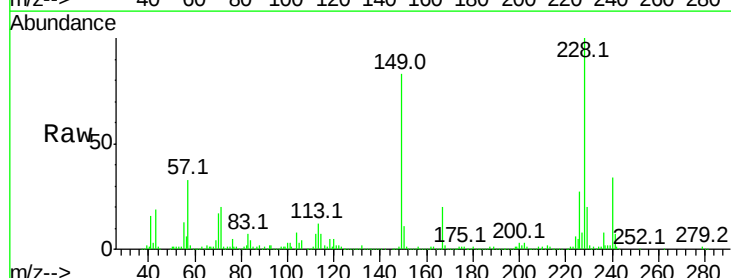
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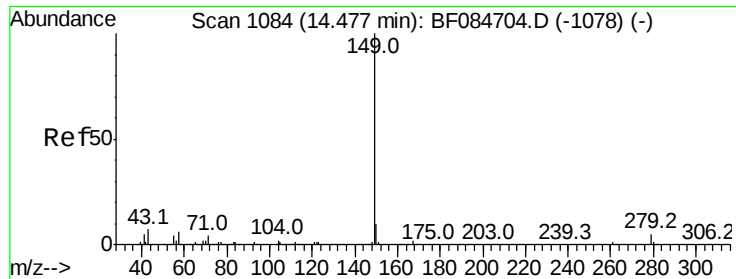
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.20 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084900.D
 Acq: 6 Feb 2016 9:55

Tgt Ion:	149	Resp:	641420
Ion Ratio	Lower	Upper	
149	100		
167	24.3	19.7	29.5
279	1.7	1.8	2.6#





#84

Di-n-octyl phthalate

Concen: 53.05 ng

RT: 14.42 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:149 Resp: 1118439

Ion Ratio Lower Upper

149 100

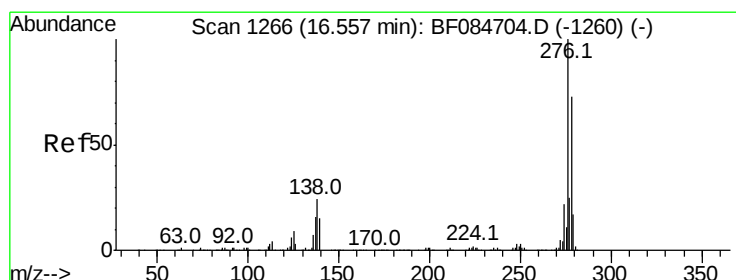
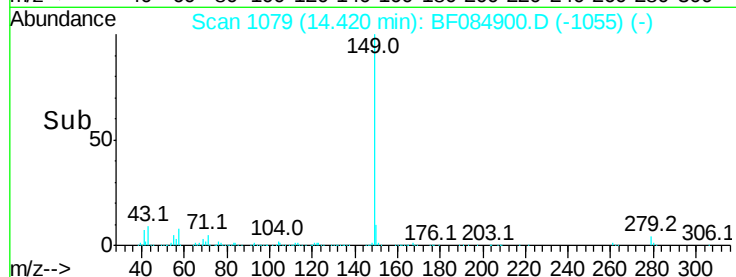
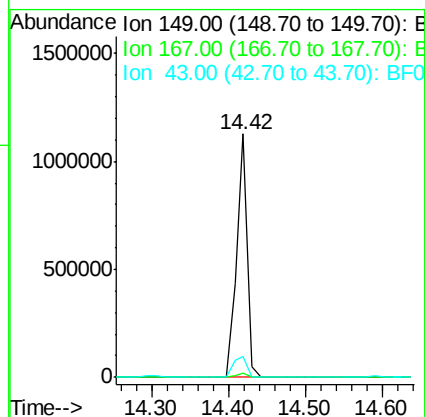
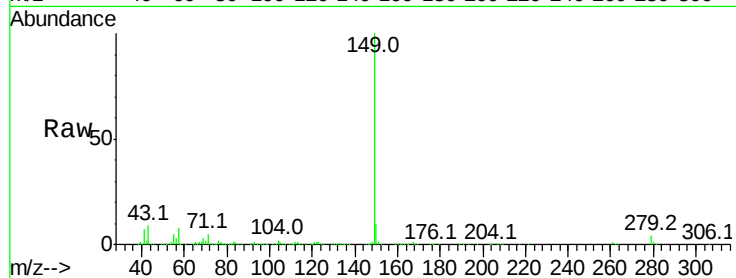
167 1.6 1.2 1.8

43 11.1 5.6 8.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 60.26 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

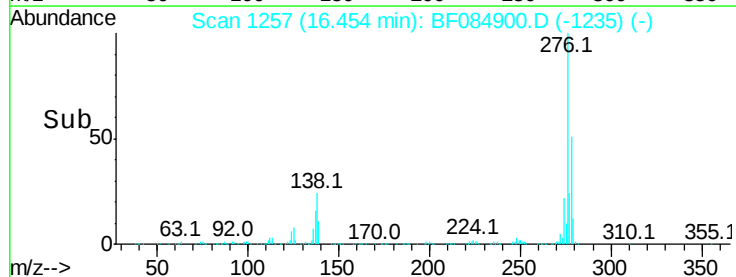
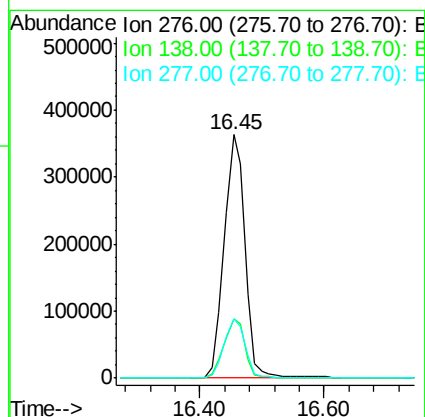
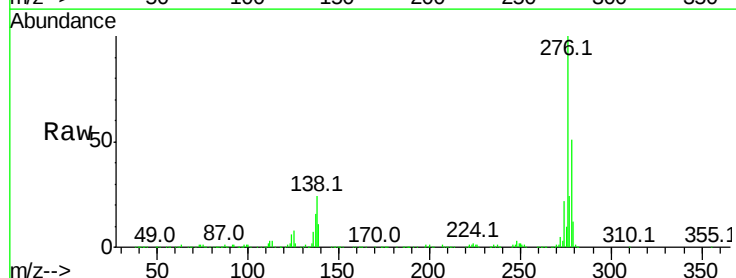
Tgt Ion:276 Resp: 843931

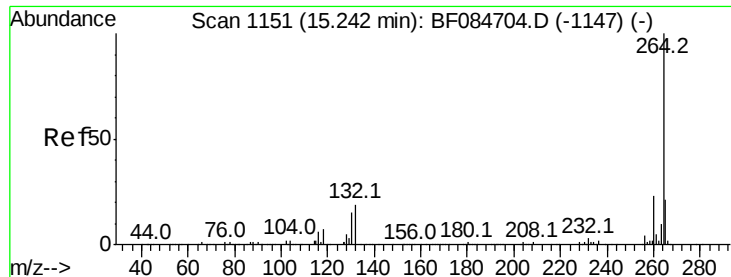
Ion Ratio Lower Upper

276 100

138 24.8 20.6 30.8

277 24.7 20.1 30.1





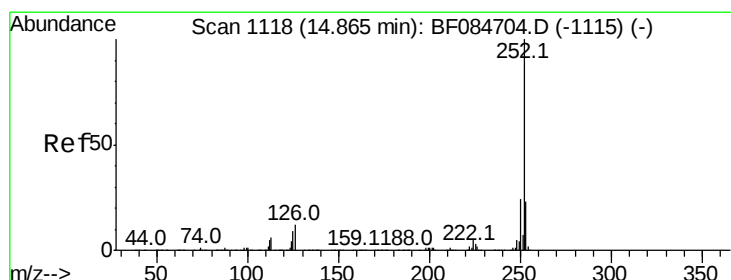
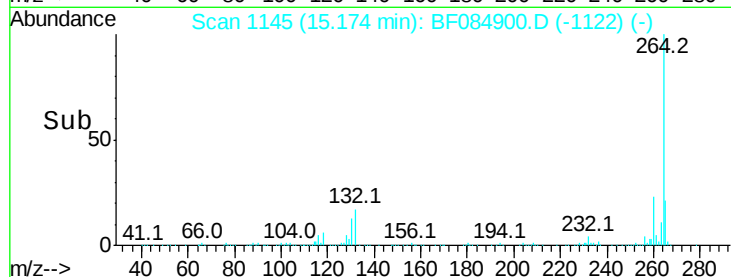
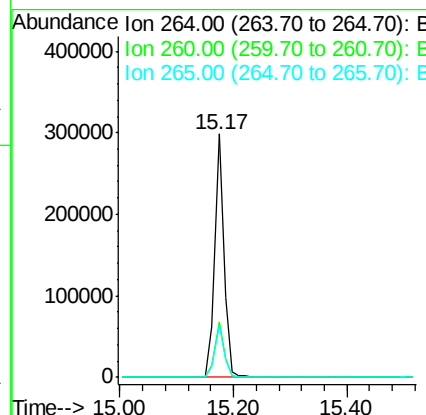
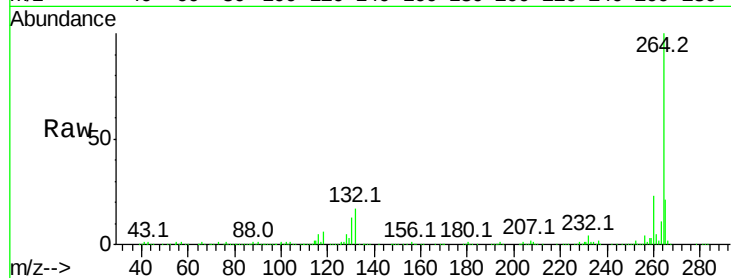
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.4	17.8	26.6

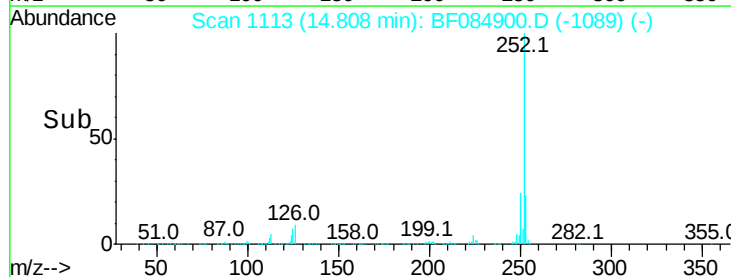
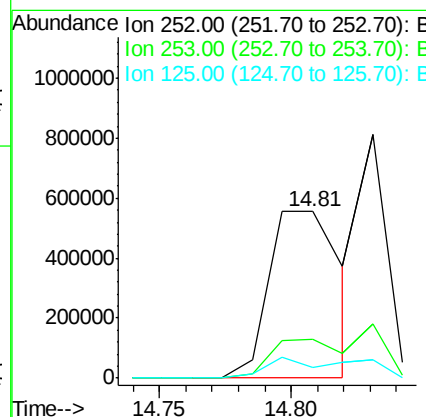
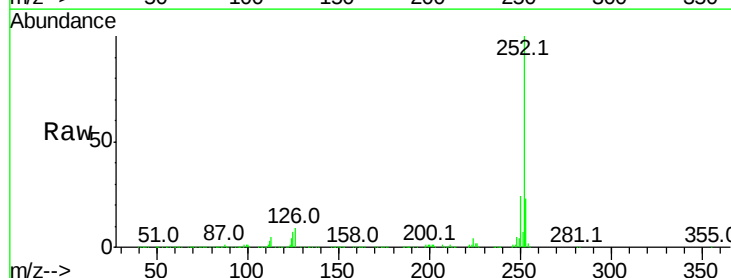
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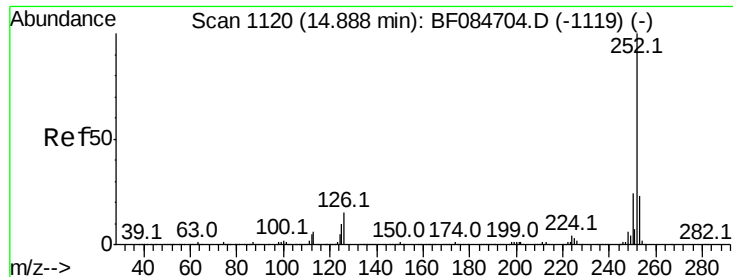
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#87
Benzo(b)fluoranthene
Concen: 48.34 ng m
RT: 14.81 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	6.6	6.5	9.7





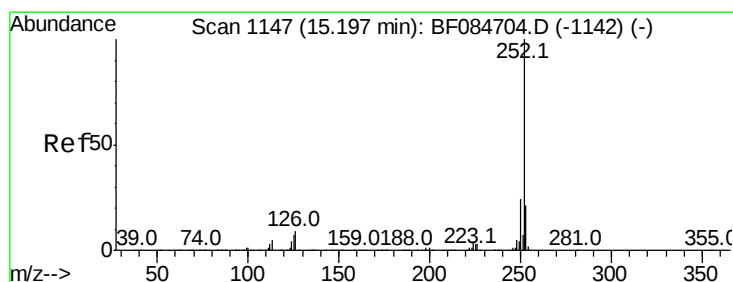
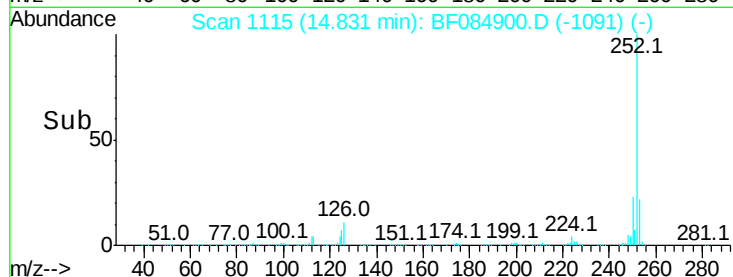
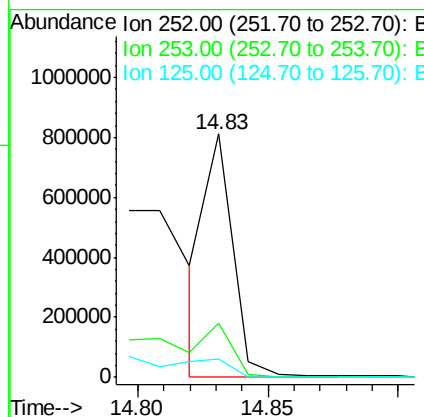
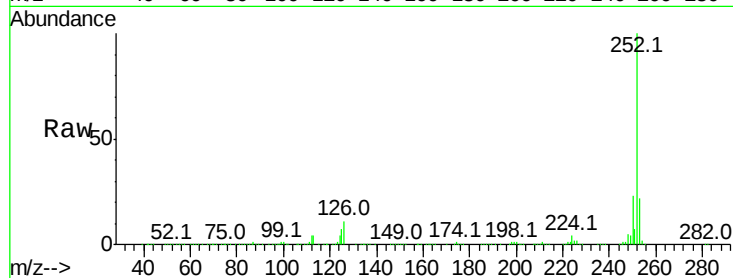
#88
Benzo(k)fluoranthene
Concen: 33.55 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.1	27.1
125	7.4	9.0	13.6

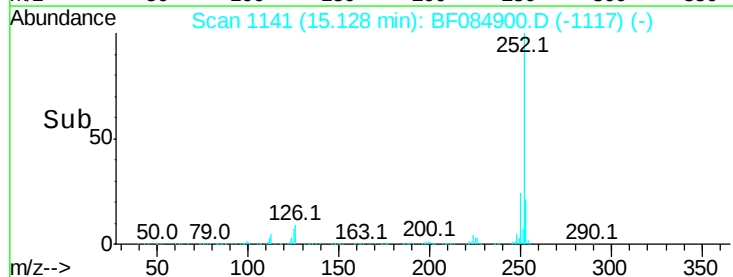
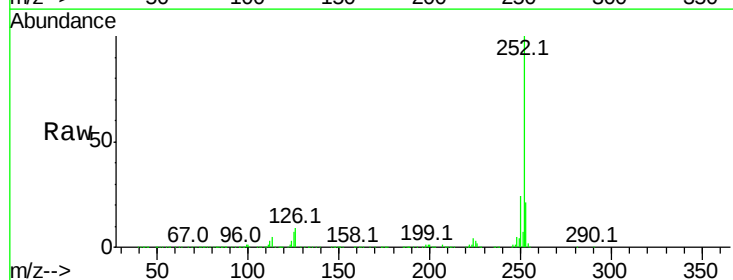
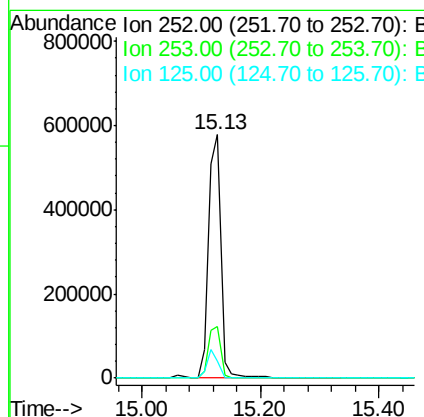
Manual Integrations
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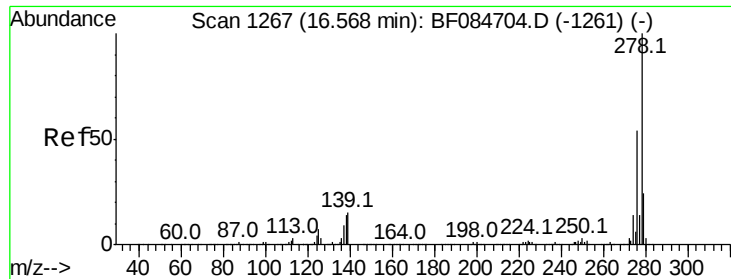
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#89
Benzo(a)pyrene
Concen: 44.89 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF084900.D
Acq: 6 Feb 2016 9:55

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.3	25.9
125	7.0	7.0	10.4





#90

Dibenzo(a,h)anthracene

Concen: 44.69 ng

RT: 16.47 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Instrument :

BNA_F

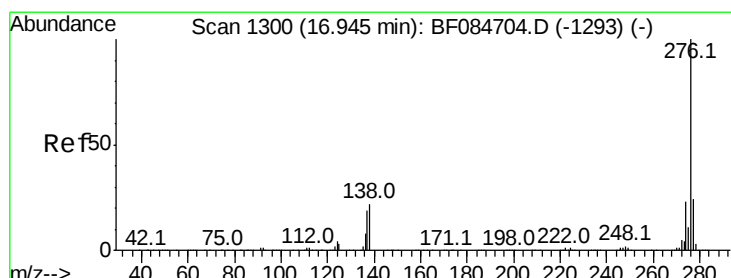
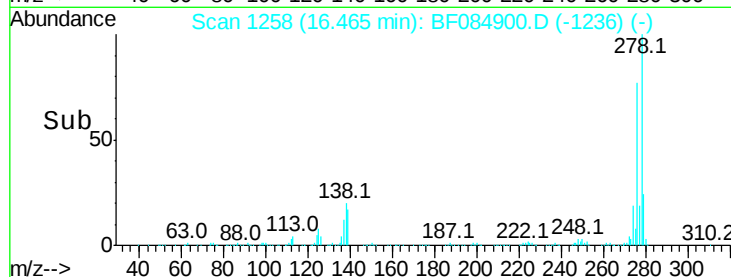
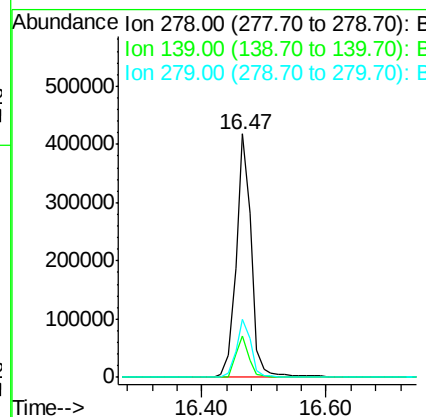
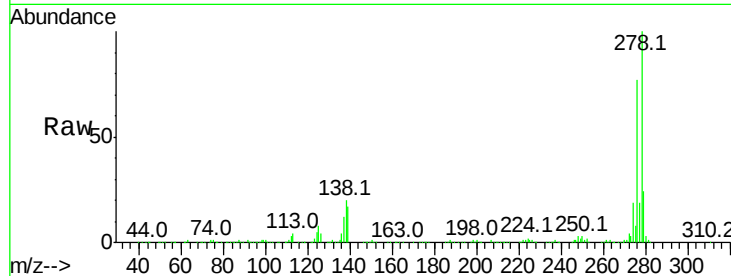
ClientSampleId :

S4-B009(5-7)MSD

Tot Ion:	278	Resp:	702592
Ion Ratio	Lower	Upper	
278	100		
139	17.0	15.0	22.4
279	23.9	18.9	28.3

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 42.98 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF084900.D

Acq: 6 Feb 2016 9:55

Tgt Ion:	276	Resp:	680615
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	17.8	17.8	26.6

