

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084633.D
 Acq On : 29 Jan 2016 13:54
 Operator : SJ/IZ
 Sample : PB88038BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:24:10 PM

Quant Time: Jan 29 23:25:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130620	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	703871	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	342496	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	627533	20.00	ng	0.00
75) Chrysene-d12	13.88	240	519679	20.00	ng	0.01
86) Perylene-d12	15.27	264	471938	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1087767	125.71	ng	0.02
7) Phenol-d6	6.37	99	1238758	119.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1036978	82.33	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	417914	116.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1644568	71.37	ng	0.00
78) Terphenyl-d14	12.83	244	1695872	73.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	165835	41.10	ng	# 77
3) Pyridine	2.99	79	401681	37.37	ng	# 74
4) n-Nitrosodimethylamine	2.94	42	249203	47.41	ng	85
6) Aniline	6.38	93	163840	12.31	ng	# 1
8) 2-Chlorophenol	6.51	128	403383	42.03	ng	91
9) Benzaldehyde	6.27	77	21036	3.50	ng	96
10) Phenol	6.38	94	371052	32.10	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	344084	38.27	ng	# 83
12) 1,3-Dichlorobenzene	6.66	146	346018m	33.65	ng	
13) 1,4-Dichlorobenzene	6.74	146	359279	35.60	ng	98
14) 1,2-Dichlorobenzene	6.90	146	381298	41.03	ng	97
15) Benzyl Alcohol	6.88	79	315019	44.63	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	585331	38.04	ng	85
17) 2-Methylphenol	7.00	107	295636	39.73	ng	# 91
18) Hexachloroethane	7.24	117	194129	49.17	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	280823	44.33	ng	# 75
20) 3+4-Methylphenols	7.15	107	397117	43.98	ng	# 76
22) Acetophenone	7.14	105	547860	29.80	ng	97
24) Nitrobenzene	7.31	77	447656	33.44	ng	96
25) Isophorone	7.55	82	870000	36.87	ng	97
26) 2-Nitrophenol	7.63	139	248447	39.03	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	415999	37.29	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	527901	37.28	ng	100
29) 2,4-Dichlorophenol	7.88	162	384173	39.37	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	395813	35.47	ng	97
31) Naphthalene	8.03	128	1233129	34.70	ng	99
32) Benzoic acid	7.81	122	283064	33.05	ng	96
33) 4-Chloroaniline	8.09	127	88485	6.12	ng	96
34) Hexachlorobutadiene	8.16	225	246087	37.32	ng	98
35) Caprolactam	8.45	113	126560m	45.20	ng	
36) 4-Chloro-3-methylphenol	8.59	107	437189	40.70	ng	92
37) 2-Methylnaphthalene	8.73	142	938129	43.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	359702	32.38	ng	97
40) Hexachlorocyclopentadiene	8.88	237	418496	82.87	ng	96

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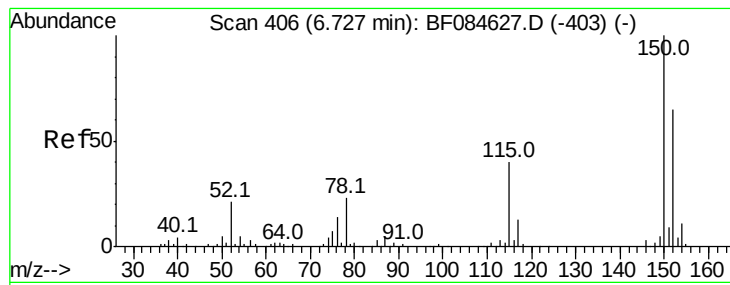
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	267317	38.74	nq	92
43) 2,4,5-Trichlorophenol	9.06	196	268765	37.73	nq	93
45) 1,1'-Biphenyl	9.20	154	1079808	34.40	nq	95
46) 2-Chloronaphthalene	9.22	162	805461	35.17	nq	# 86
47) 2-Nitroaniline	9.31	65	237733	34.56	nq	95
48) Acenaphthylene	9.63	152	1288114	37.12	nq	99
49) Dimethylphthalate	9.50	163	983288	38.25	nq	# 91
50) 2,6-Dinitrotoluene	9.56	165	229148	40.52	nq	92
51) Acenaphthene	9.80	154	840893	36.19	nq	98
52) 3-Nitroaniline	9.72	138	55605	9.41	nq	88
53) 2,4-Dinitrophenol	9.84	184	254855	91.32	nq	# 89
54) Dibenzofuran	9.97	168	1146865	41.36	nq	95
55) 4-Nitrophenol	9.90	139	337353	77.71	nq	# 79
56) 2,4-Dinitrotoluene	9.96	165	292789	39.85	nq	# 90
57) Fluorene	10.32	166	903225	38.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	225810	41.92	nq	89
59) Diethylphthalate	10.20	149	1000100	39.74	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	380070	36.02	nq	93
61) 4-Nitroaniline	10.34	138	206513	36.92	nq	94
62) Azobenzene	10.46	77	980793	40.72	nq	88
64) 4,6-Dinitro-2-methylphenol	10.37	198	162441	39.63	nq	69
65) n-Nitrosodiphenylamine	10.43	169	817209	40.16	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	276170	39.08	nq	# 90
67) Hexachlorobenzene	10.85	284	286054	37.21	nq	# 85
68) Atrazine	10.96	200	236818	38.85	nq	96
69) Pentachlorophenol	11.06	266	322634	86.87	nq	98
70) Phenanthrene	11.26	178	1260759	36.33	nq	98
71) Anthracene	11.32	178	1416317	40.14	nq	99
72) Carbazole	11.48	167	1304894	42.92	nq	98
73) Di-n-butylphthalate	11.81	149	1437541	38.87	nq	# 96
74) Fluoranthene	12.45	202	1487048	43.35	nq	96
76) Benzidine	12.58	184	352341	17.83	nq	99
77) Pyrene	12.68	202	1541427	39.33	nq	99
79) Butylbenzylphthalate	13.31	149	678153	40.50	nq	98
80) Benzo(a)anthracene	13.87	228	1247815	38.52	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	233176	20.46	nq	98
82) Chrysene	13.91	228	1207321	37.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	833177	38.36	nq	98
84) Di-n-octyl phthalate	14.49	149	1500613	43.73	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.57	276	977665	34.63	nq	98
87) Benzo(b)fluoranthene	14.88	252	1121455m	36.70	nq	
88) Benzo(k)fluoranthene	14.90	252	1045697m	41.43	nq	
89) Benzo(a)pyrene	15.21	252	1046721	39.60	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	814872	34.21	nq	# 94
91) Benzo(g,h,i)perylene	16.97	276	788075	32.76	nq	95

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



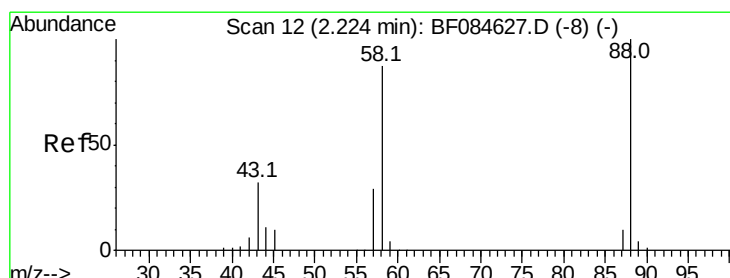
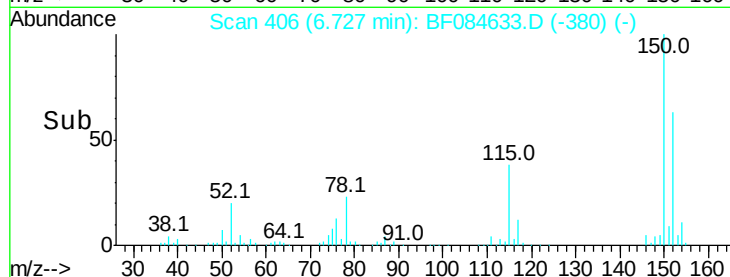
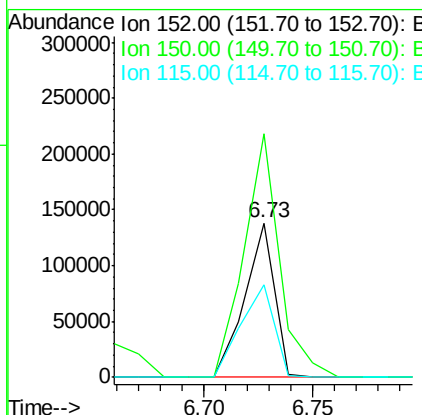
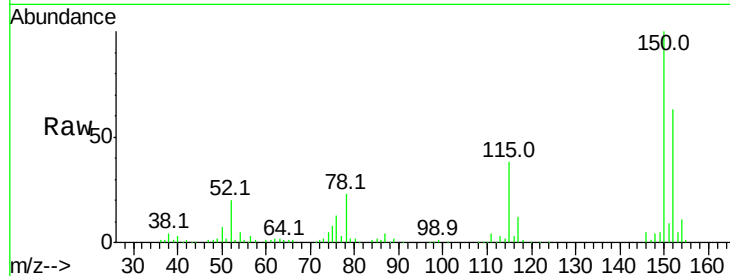
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.4
115	59.9	51.4	77.2

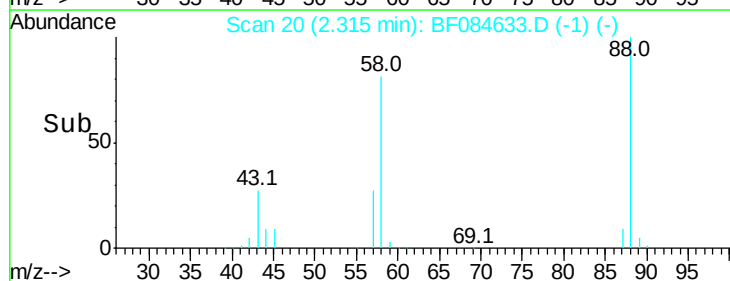
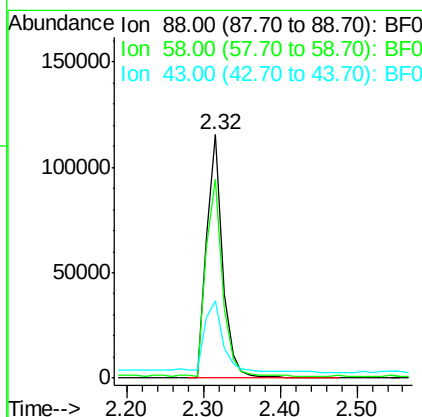
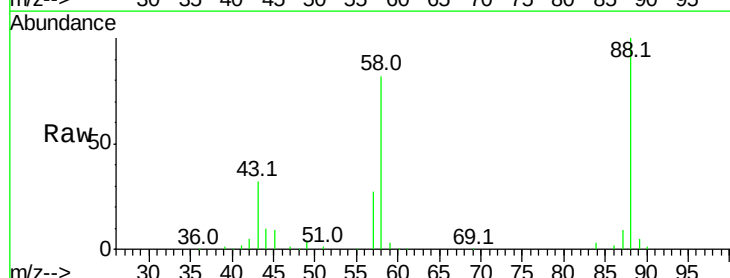
Manual Integrations
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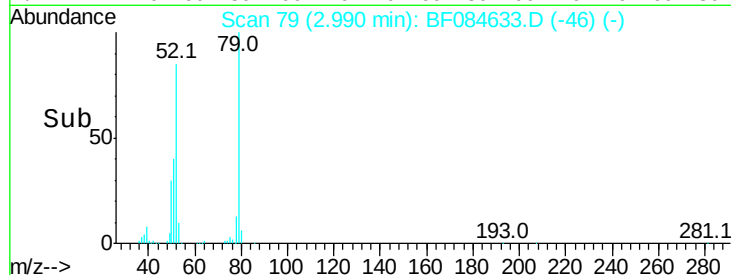
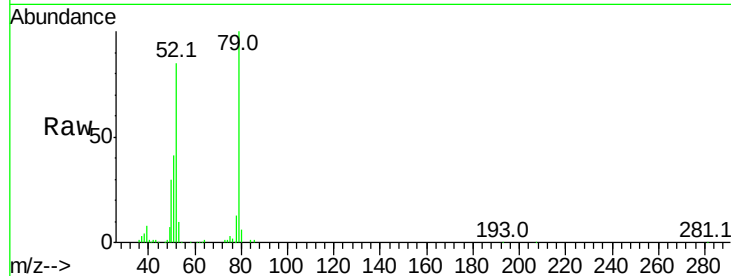
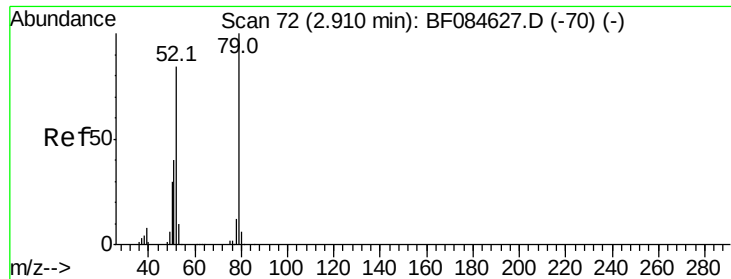
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#2
 1,4-Dioxane
 Concen: 41.10 ng
 RT: 2.32 min Scan# 20
 Delta R.T. 0.09 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	51.2	76.8#
43	31.7	19.5	29.3#





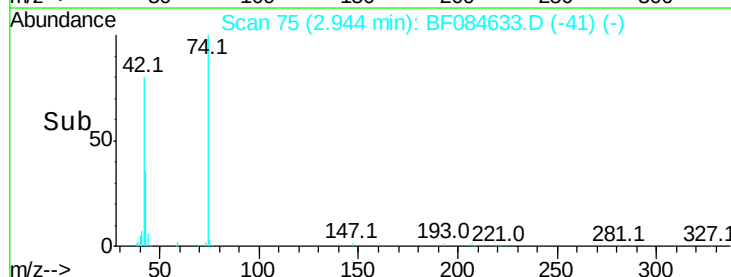
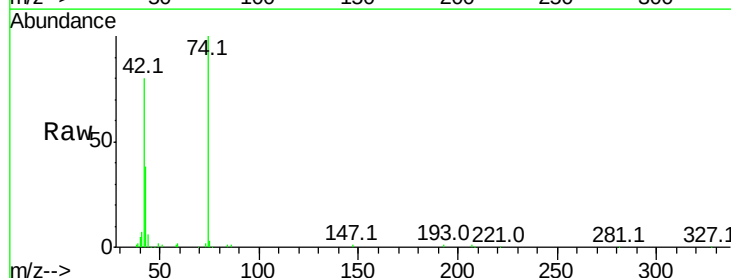
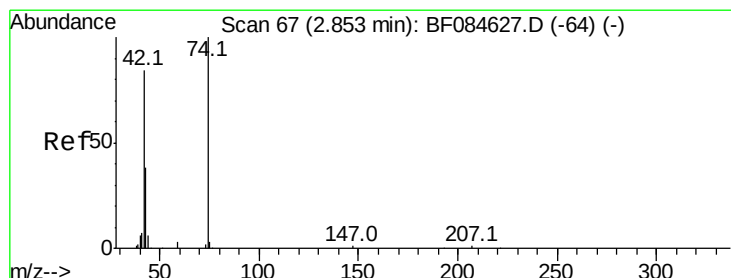
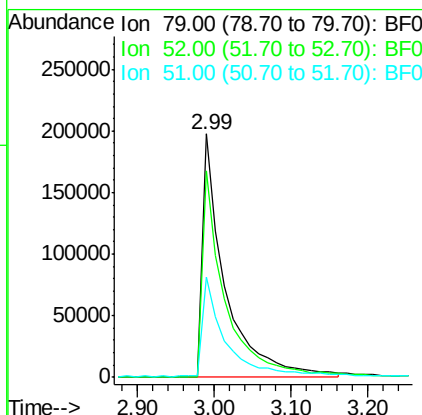
#3
 Pvridine
 Concen: 37.37 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.6	49.0	73.4#
51	41.0	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

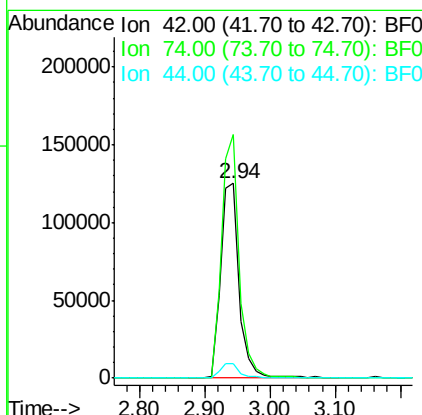
Manual Integrations
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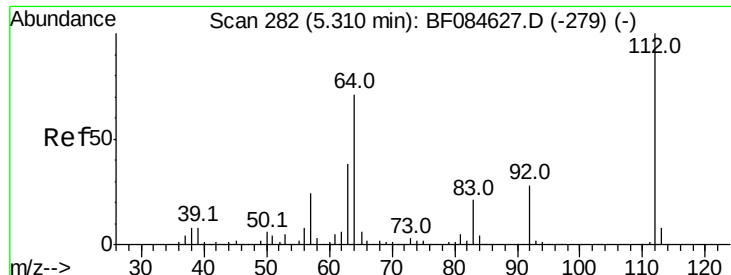
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#4
 n-Nitrosodimethylamine
 Concen: 47.41 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.09 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.2	115.7	173.5
44	7.6	5.1	7.7





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:112 Resp: 1087767

Ion Ratio Lower Upper

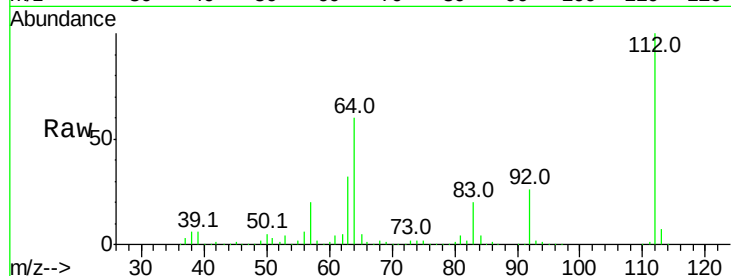
112 100

64 59.7 36.6 55.0#

63 32.1 19.4 29.0#

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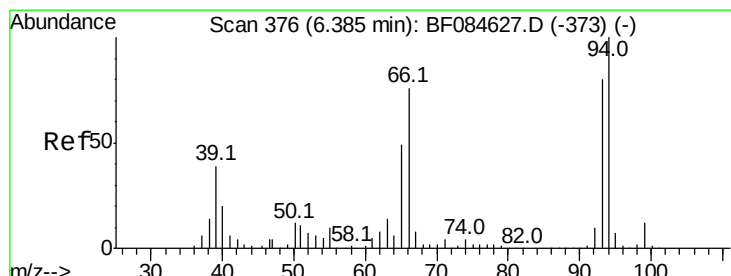
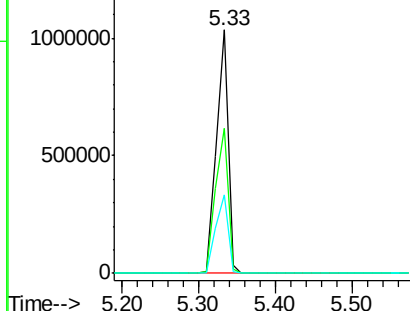
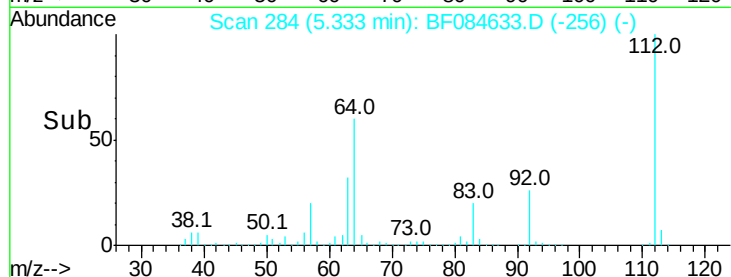
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

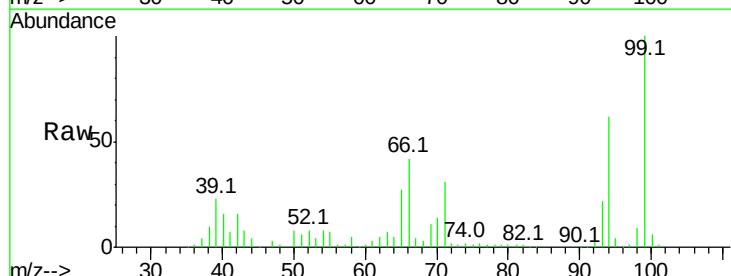
Tgt Ion: 93 Resp: 163840

Ion Ratio Lower Upper

93 100

66 193.5 44.9 67.3#

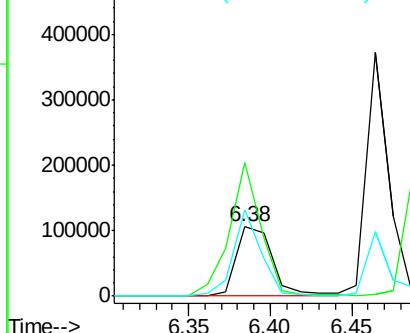
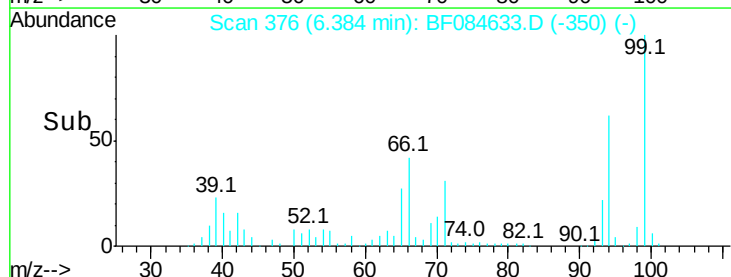
65 123.9 23.7 35.5#

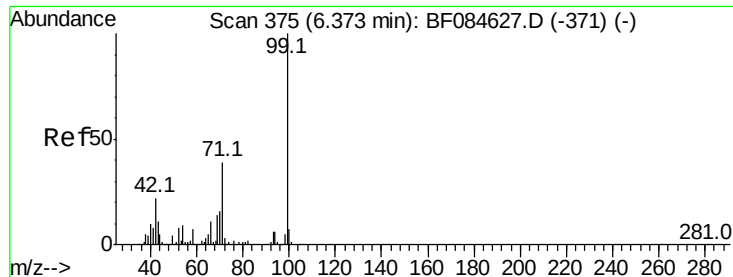


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.44 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion: 99 Resp: 1238758

Ion Ratio Lower Upper

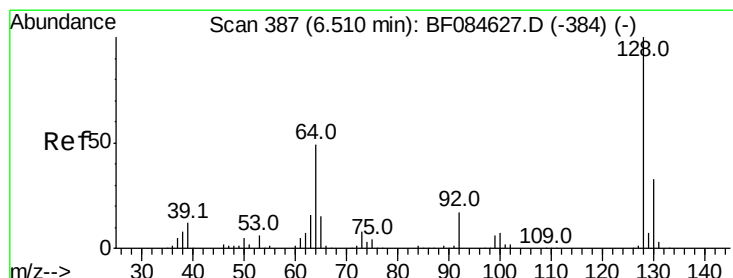
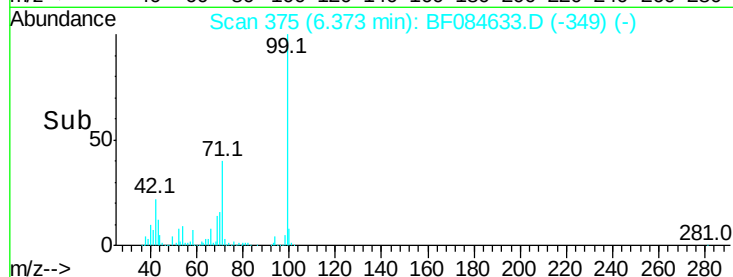
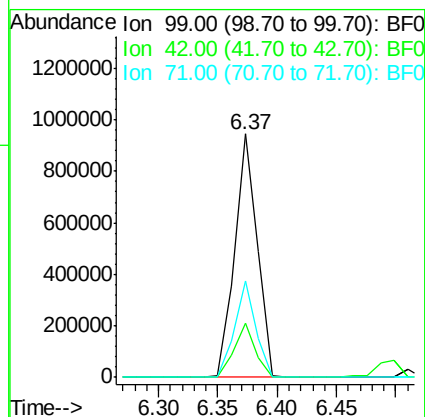
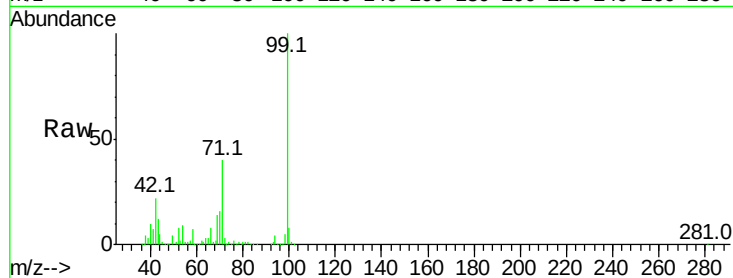
99 100

42 22.2 12.8 19.2#

71 39.7 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

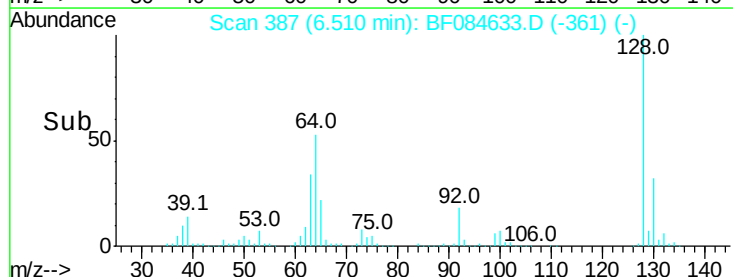
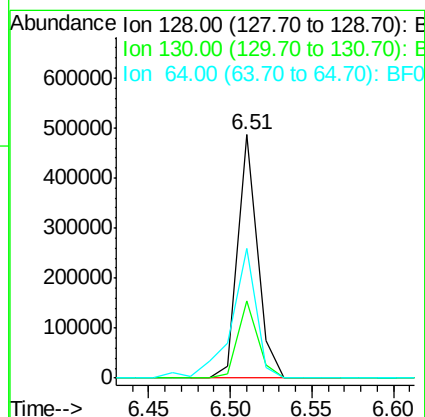
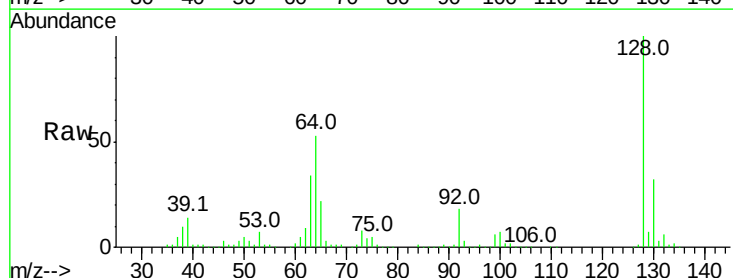
Tgt Ion: 128 Resp: 403383

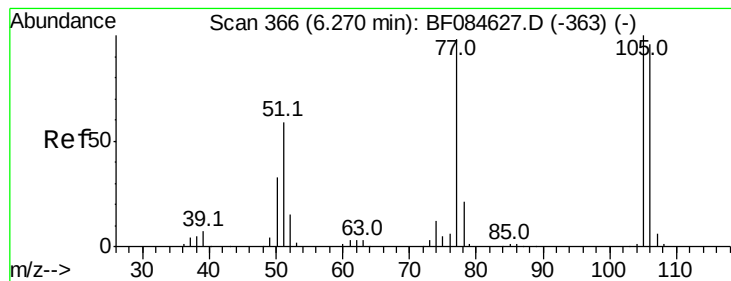
Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

64 53.0 23.8 63.8





#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion: 77 Resp: 21036

Ion Ratio Lower Upper

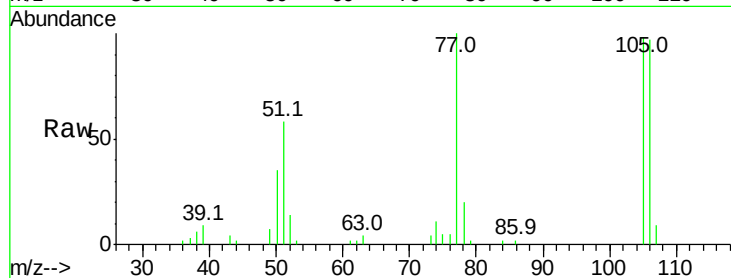
77 100

105 98.2 83.0 123.0

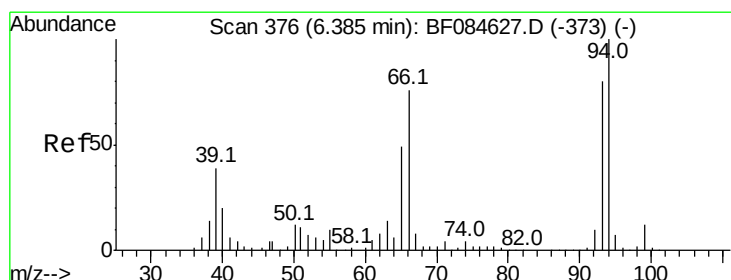
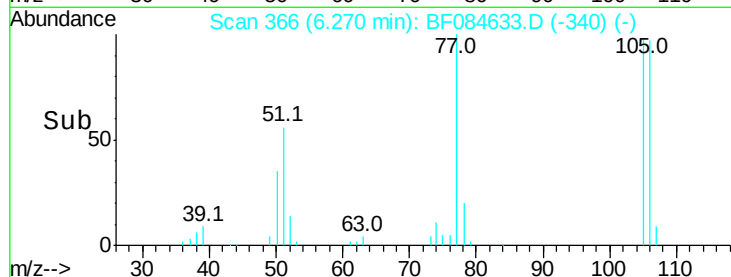
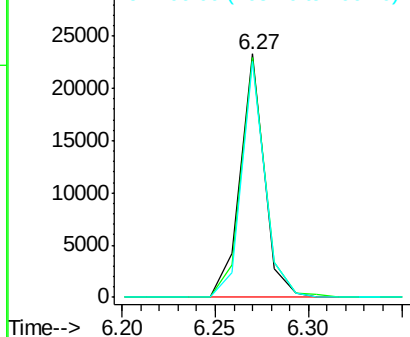
106 97.0 74.6 114.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

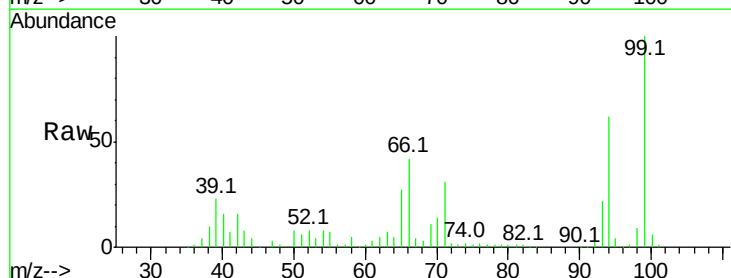
Tgt Ion: 94 Resp: 371052

Ion Ratio Lower Upper

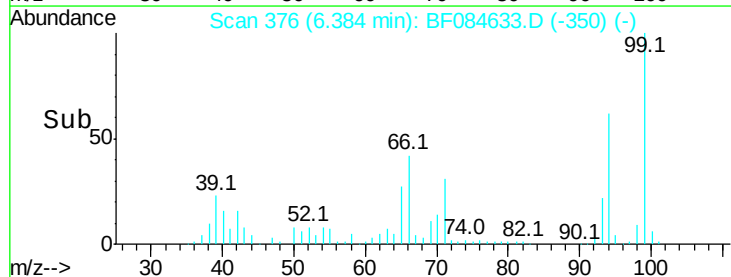
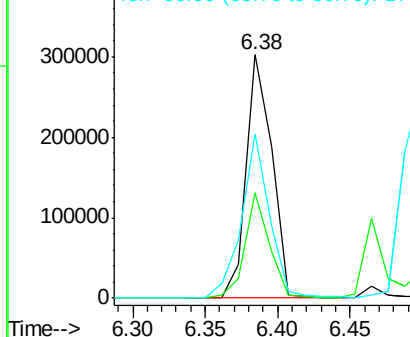
94 100

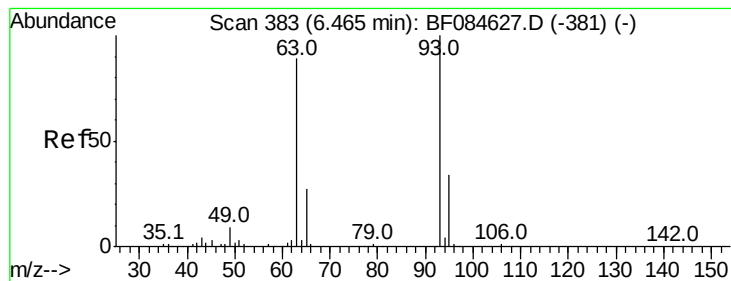
65 43.2 12.9 52.9

66 67.4 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





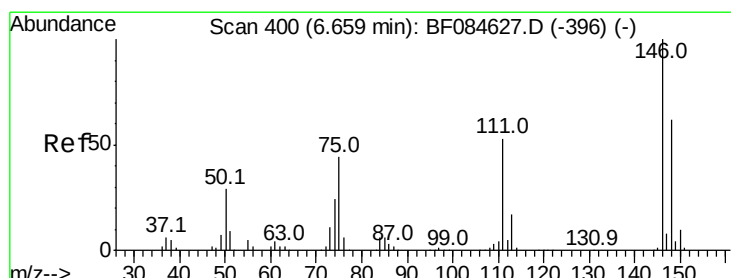
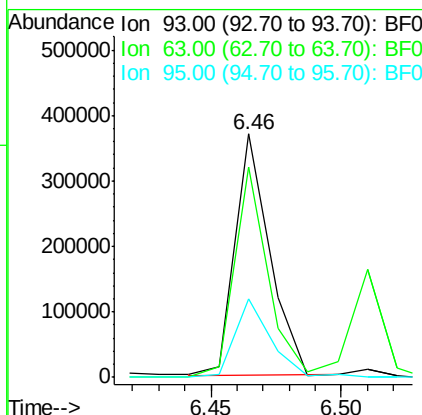
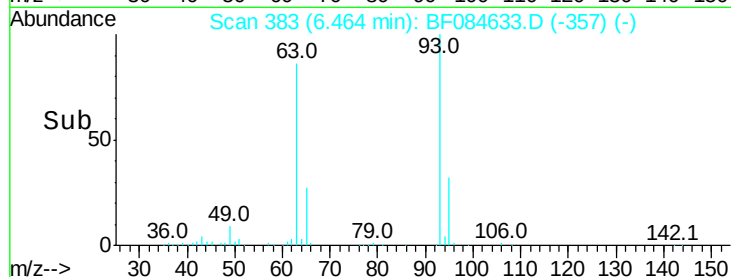
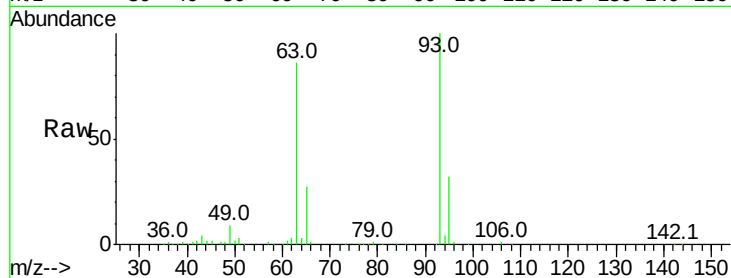
#11
bis(2-Chloroethyl)ether
Concen: 38.27 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.4	45.9	85.9#
95	32.2	12.3	52.3

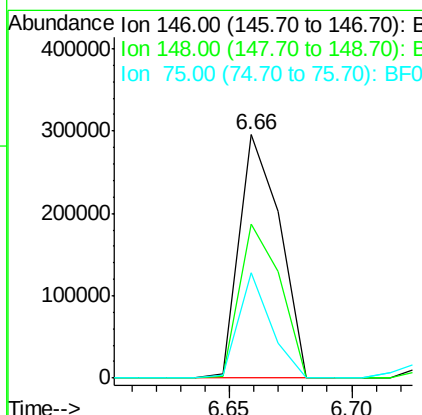
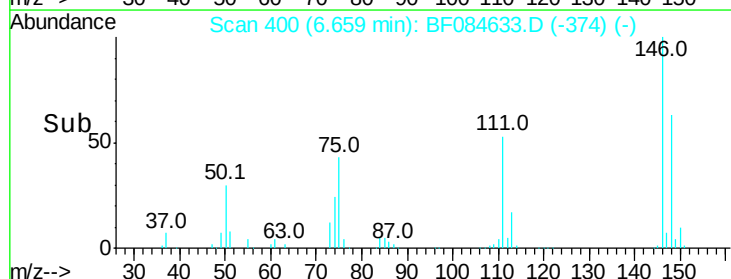
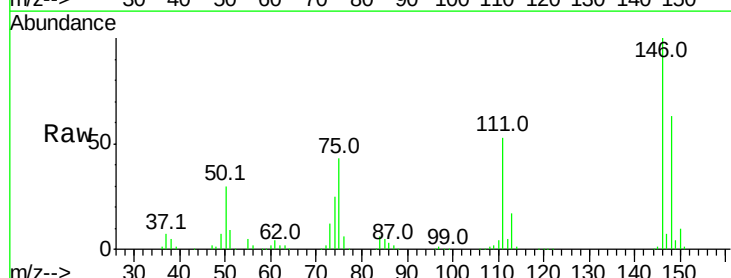
Manual Integrations
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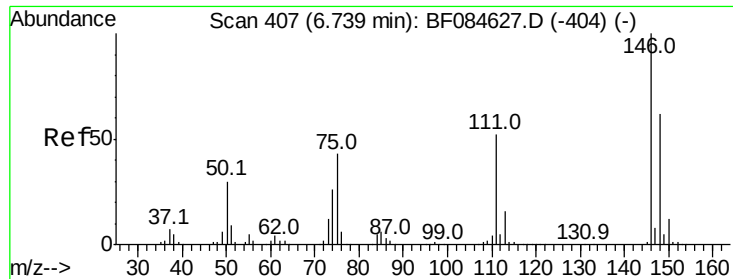
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.65 ng m
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	43.3	20.5	30.7#





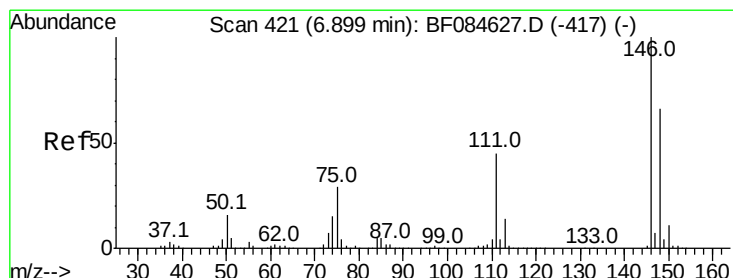
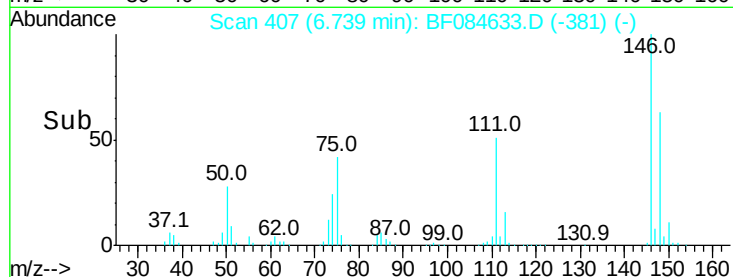
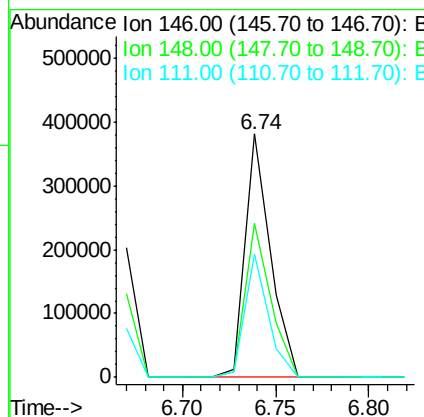
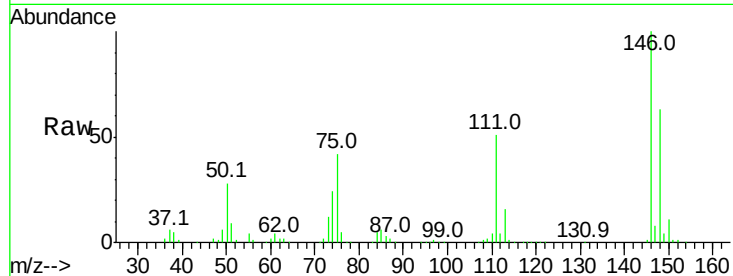
#13
 1,4-Dichlorobenzene
 Concen: 35.60 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampled :
 PB88038BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	50.7	41.6	62.4

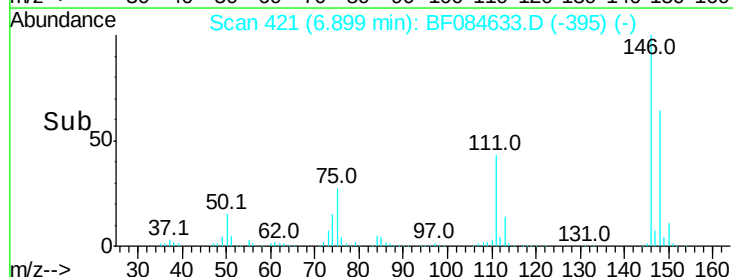
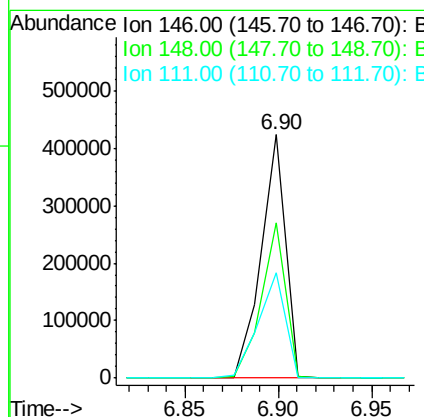
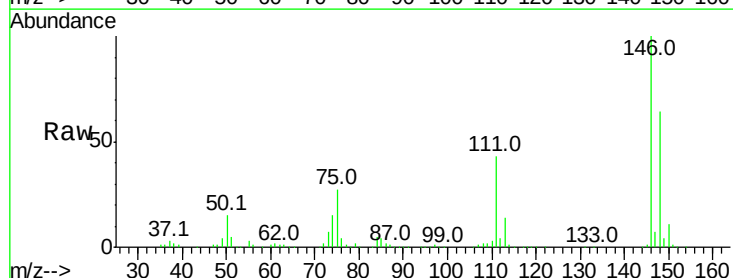
Manual Integrations
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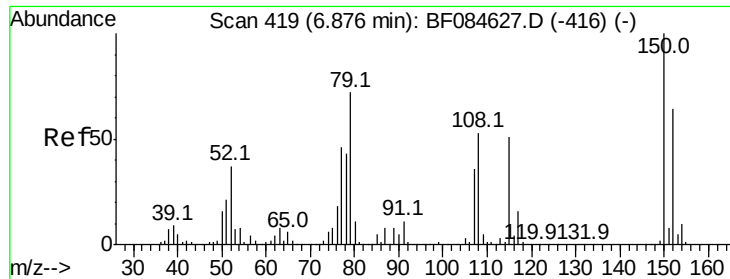
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	43.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 44.63 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion: 79 Resp: 315019

Ion Ratio Lower Upper

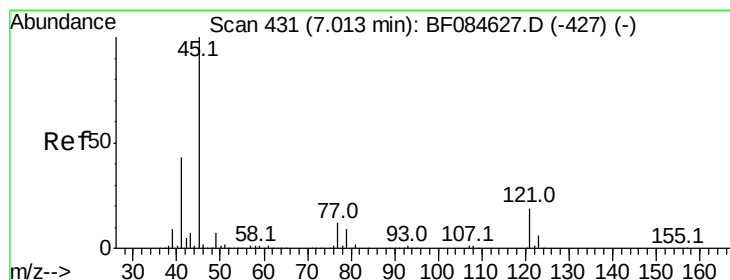
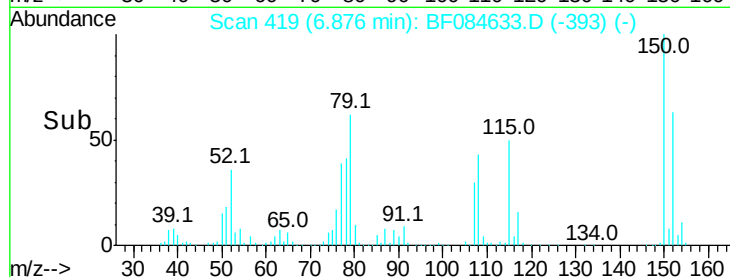
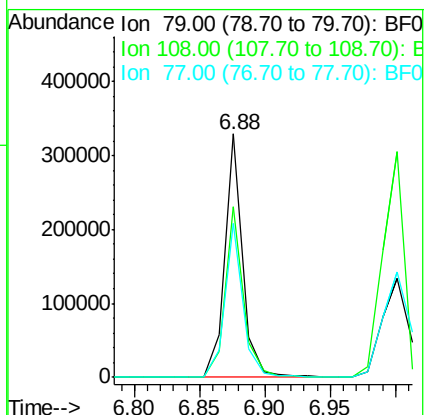
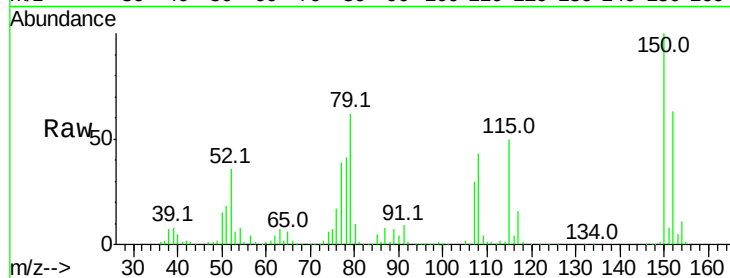
79 100

108 69.9 69.0 103.4

77 63.4 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

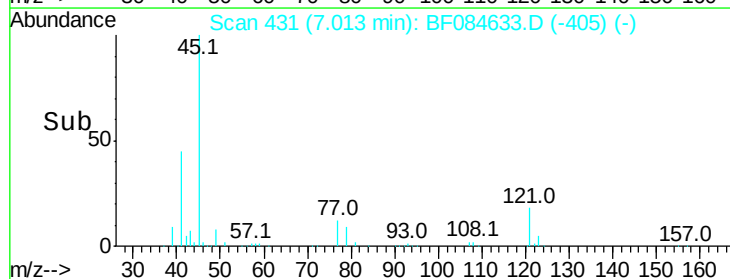
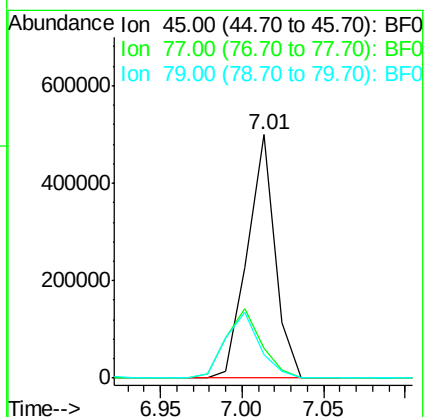
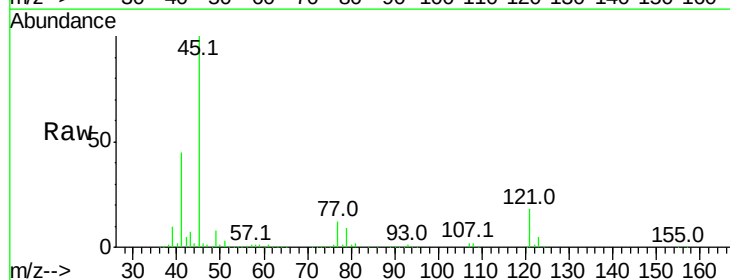
Tgt Ion: 45 Resp: 585331

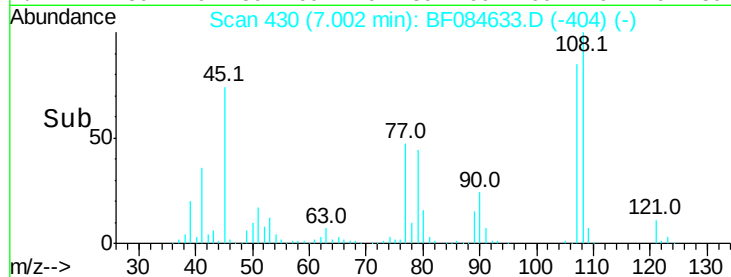
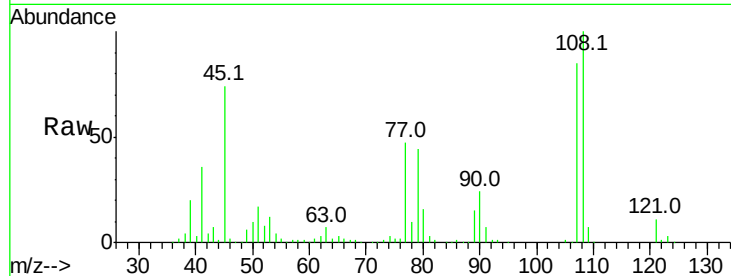
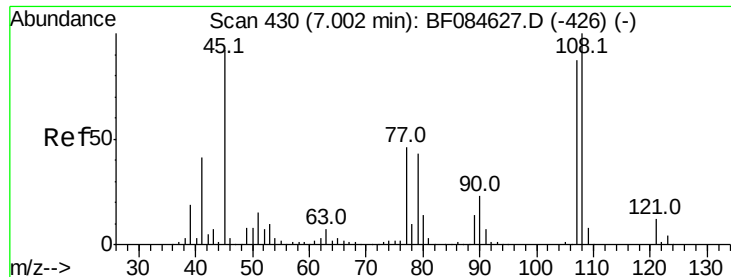
Ion Ratio Lower Upper

45 100

77 12.4 0.0 39.6

79 9.4 0.0 35.0





#17

2-Methylphenol

Concen: 39.73 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tot Ion	Ratio	Resp	Lower	Upper
107	100	295636		
108	118.2	89.8	134.6	
77	55.5	35.7	53.5	
79	51.9	35.7	53.5	

Instrument :

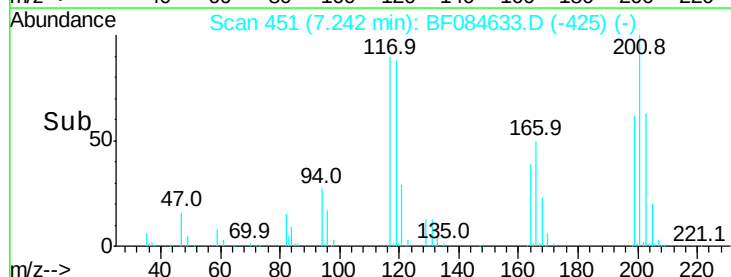
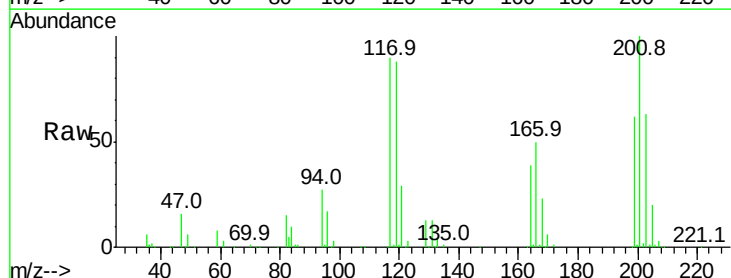
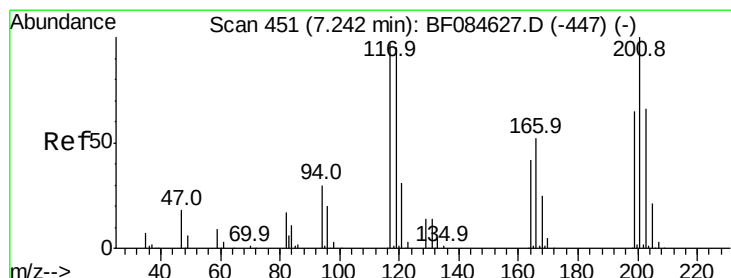
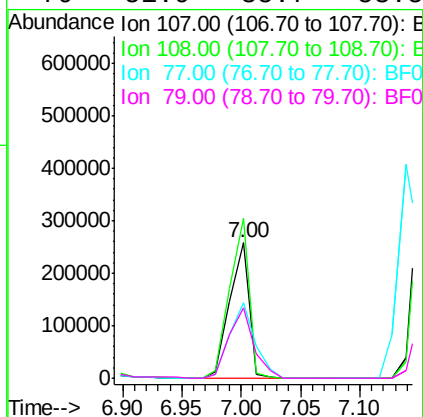
BNA_F

ClientSampleId :

PB88038BS

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#18

Hexachloroethane

Concen: 49.17 ng

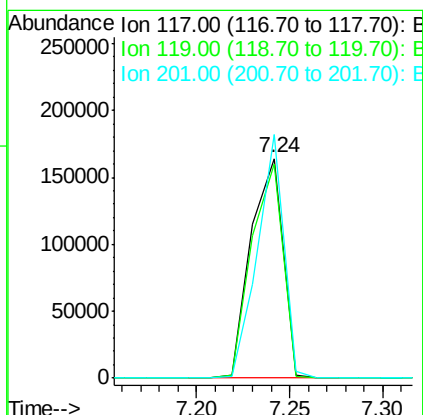
RT: 7.24 min Scan# 451

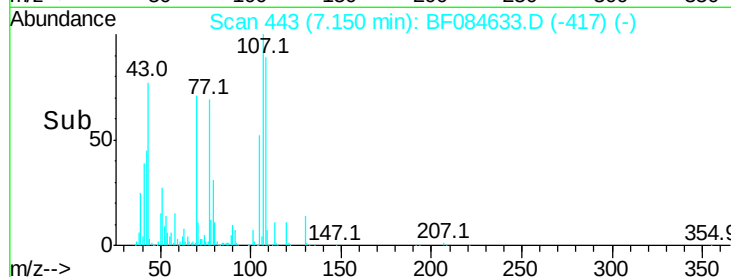
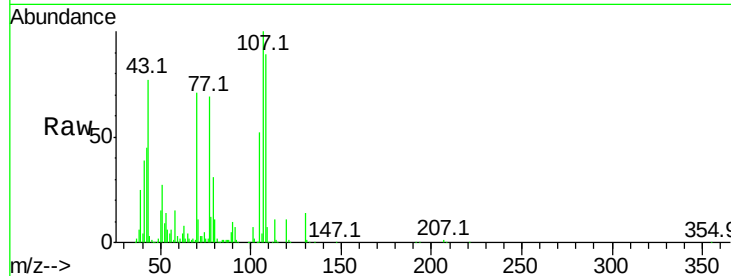
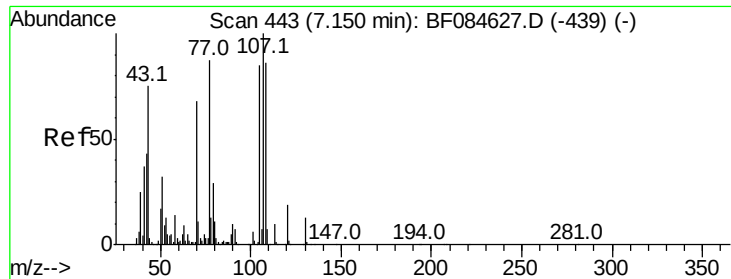
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	194129		
119	97.5	77.4	116.0	
201	111.0	68.6	103.0	





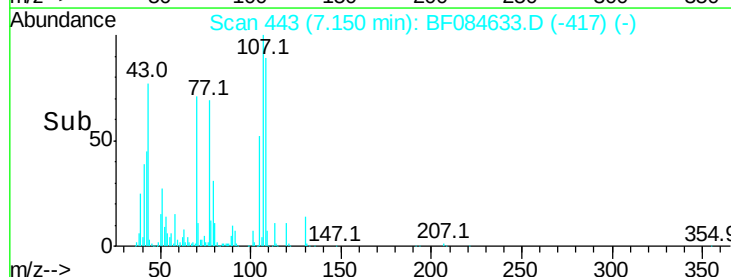
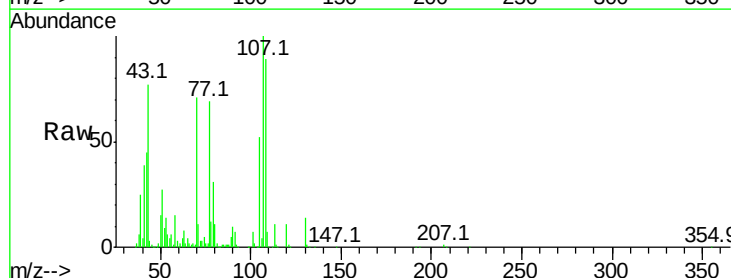
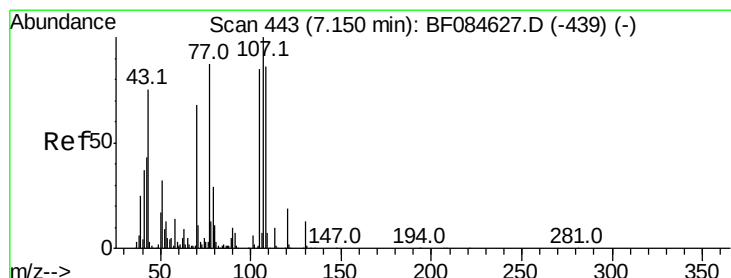
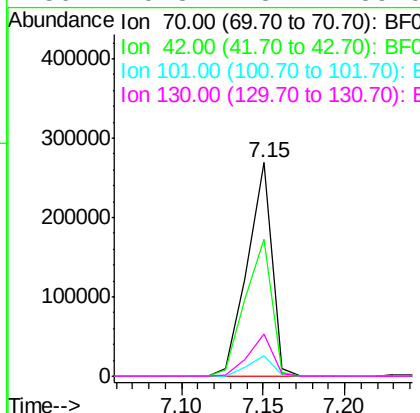
#19
n-Nitroso-di-n-propylamine
Concen: 44.33 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.0	33.3	49.9#
101	9.8	9.3	13.9
130	19.8	23.4	35.0#

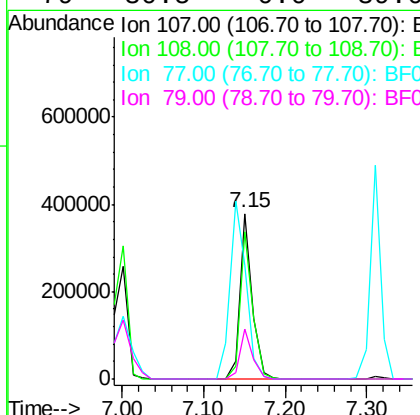
Manual Integrations
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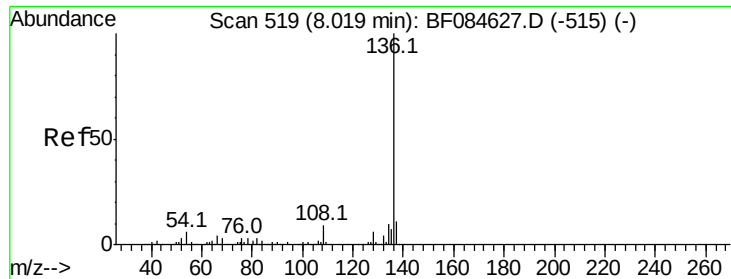
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#20
3+4-Methylphenols
Concen: 43.98 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	74.6	114.6
77	68.6	0.7	40.7#
79	30.5	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

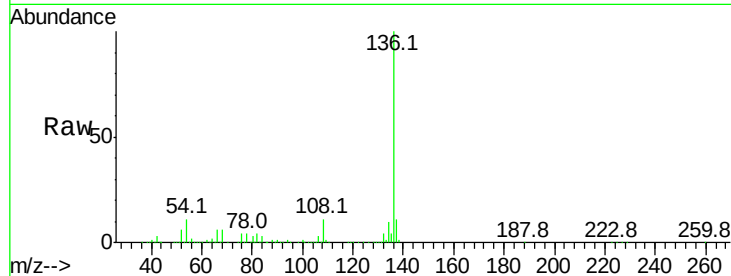
ClientSampleId :

PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	703871		
137	11.2	8.7	13.1	
54	10.8	5.8	8.8	
68	5.6	4.2	6.2	

Manual Integrations
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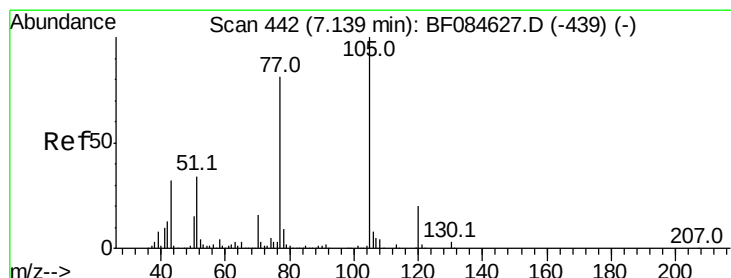
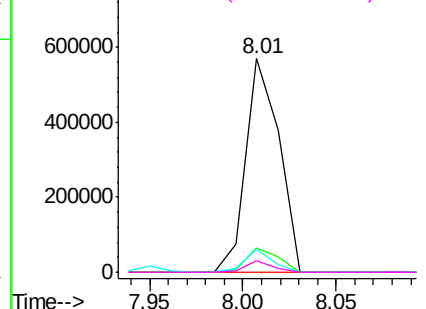
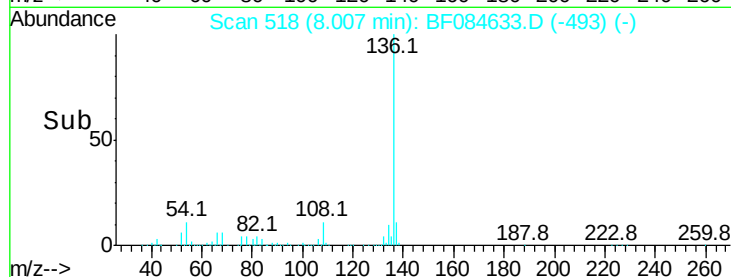


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.80 ng

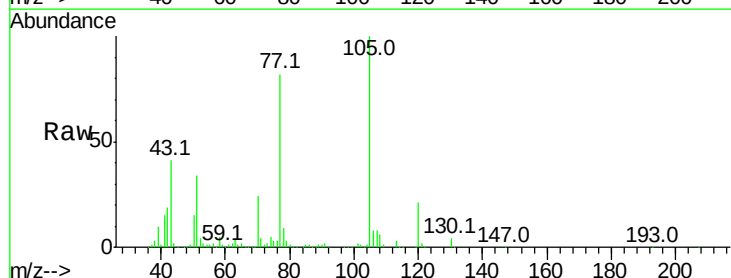
RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547860		
71	4.1	3.7	5.5	
51	33.8	25.1	37.7	
120	20.8	16.6	25.0	

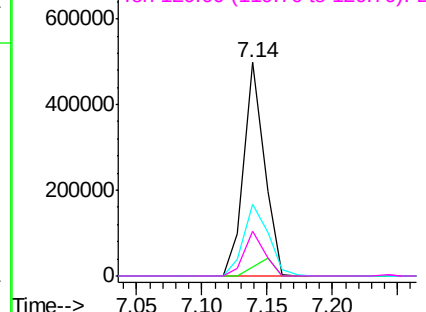
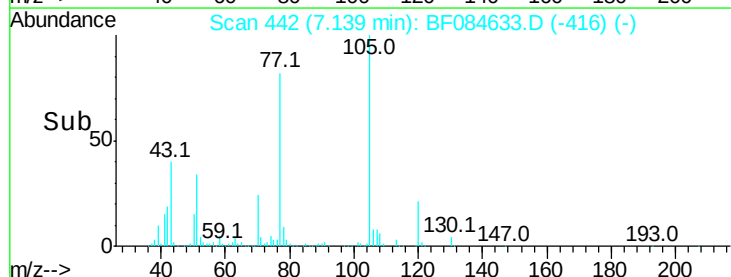


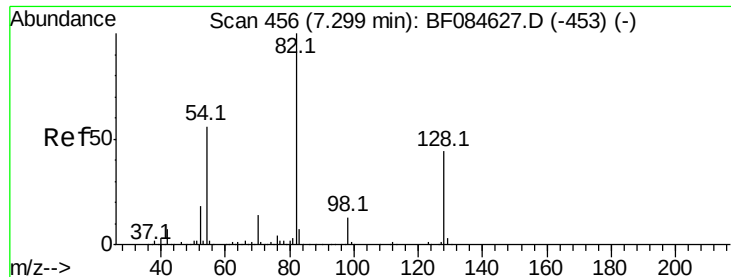
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





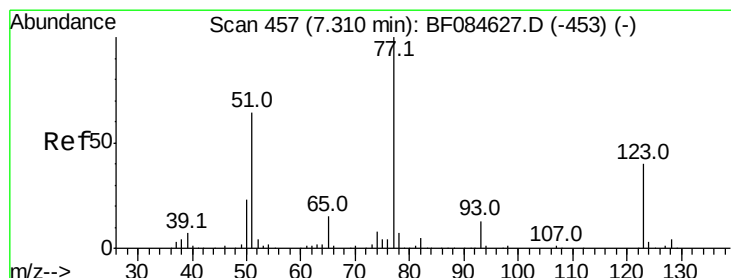
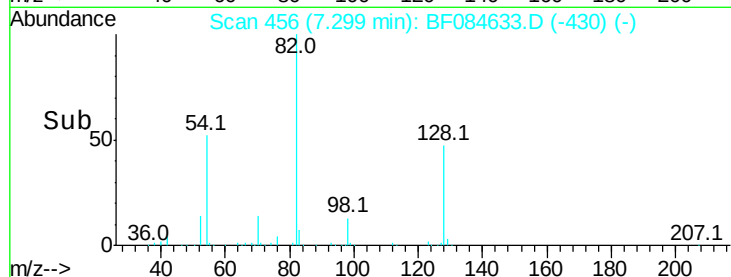
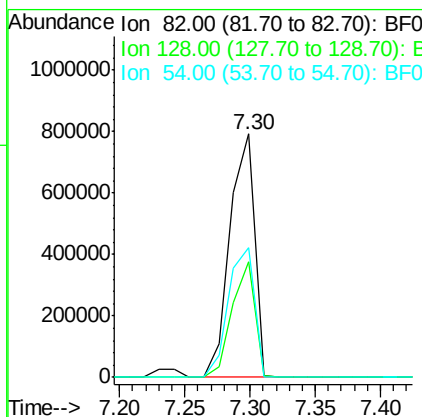
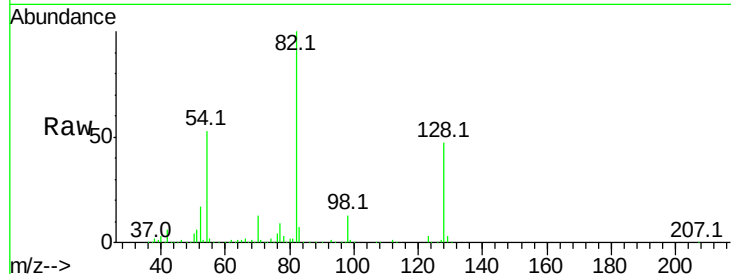
#23
 Nitrobenzene-d5
 Concen: 82.33 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion: 82 Resp: 1036978
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 51.8
 54 53.0 38.4 57.6

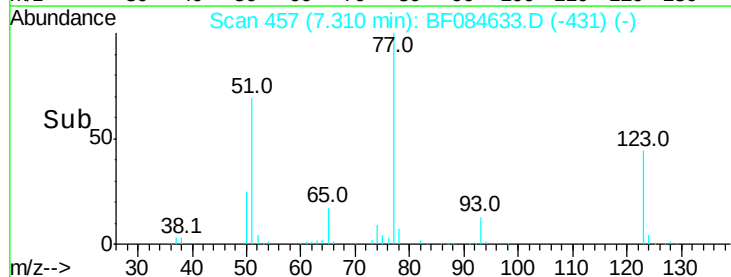
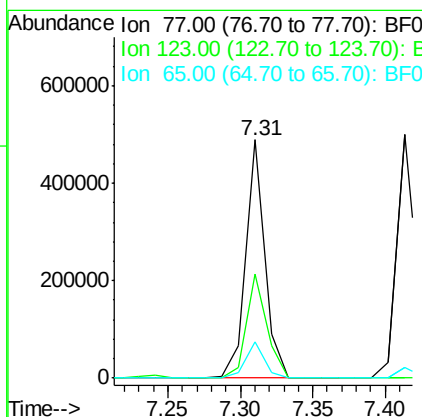
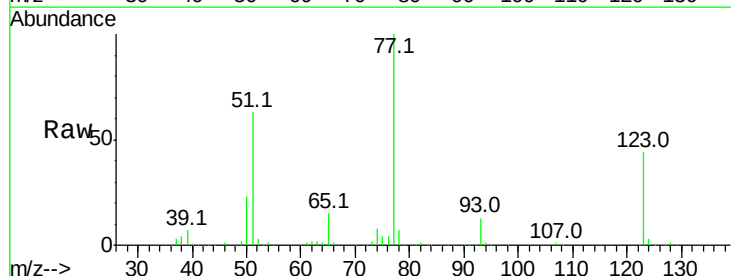
Manual Integrations
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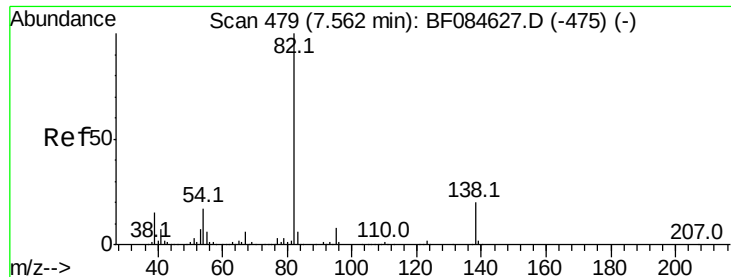
mohammad
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#24
 Nitrobenzene
 Concen: 33.44 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion: 77 Resp: 447656
 Ion Ratio Lower Upper
 77 100
 123 43.8 37.4 56.2
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 36.87 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

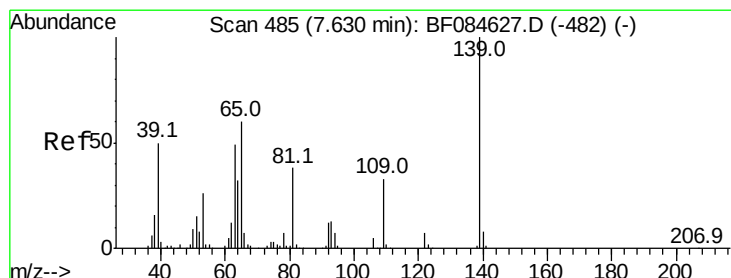
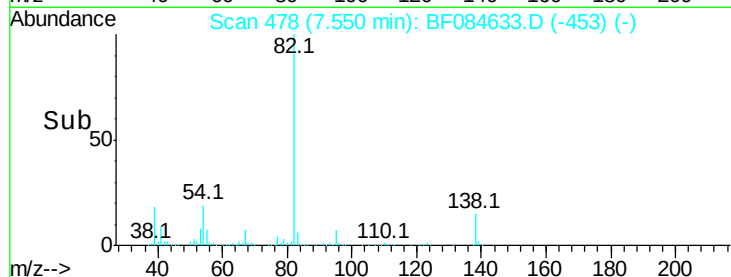
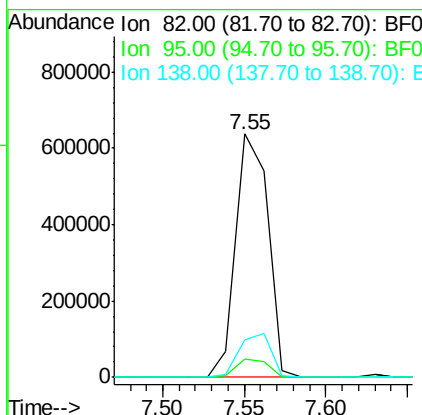
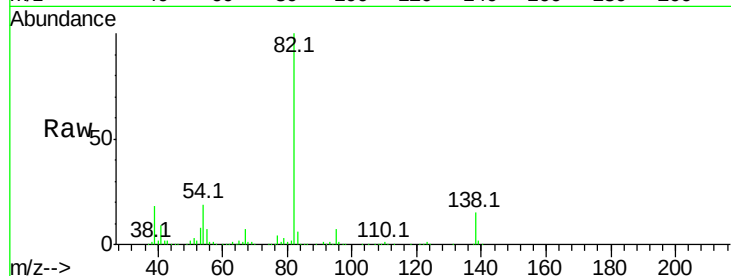
ClientSampleId :

PB88038BS

Tot Ion:	82	Resp:	870000
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.6	10.0
138	15.4	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.03 ng

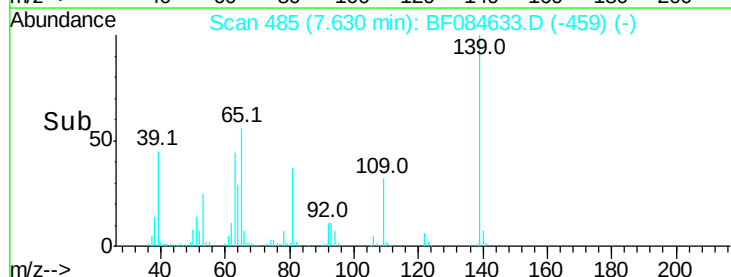
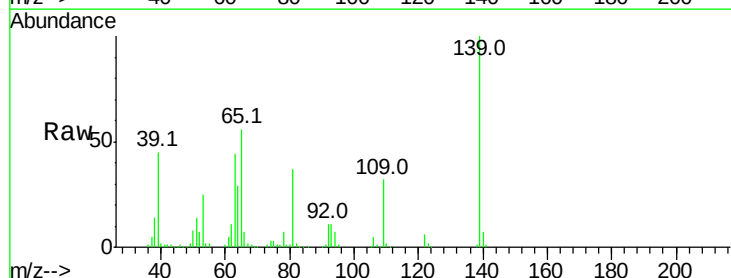
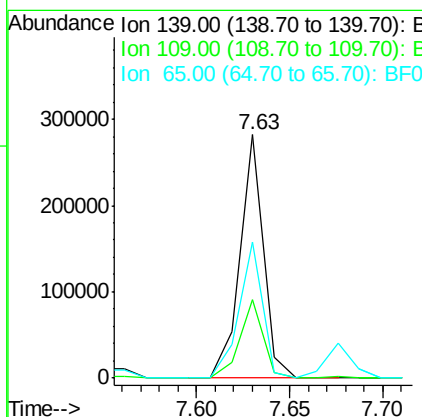
RT: 7.63 min Scan# 485

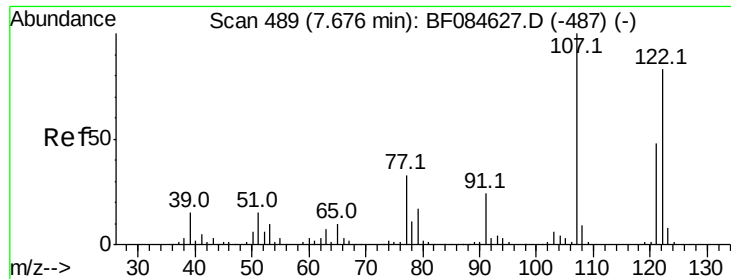
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	139	Resp:	248447
Ion Ratio	Lower	Upper	
139	100		
109	32.0	25.4	38.2
65	56.1	32.3	48.5#





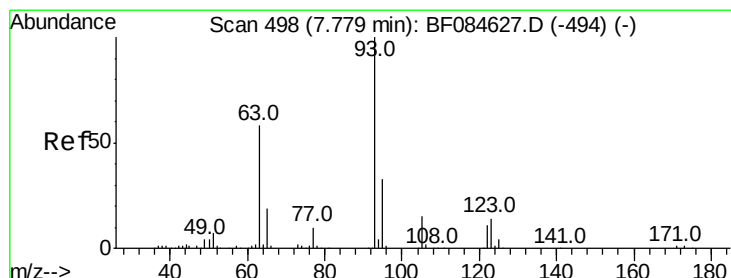
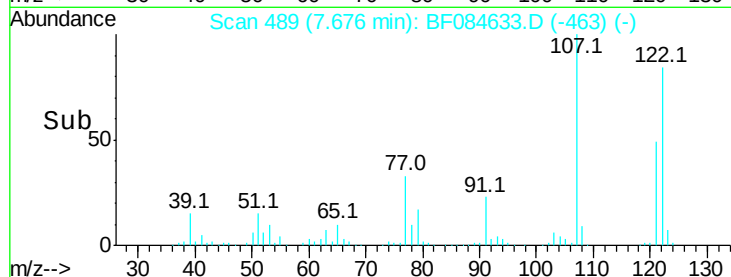
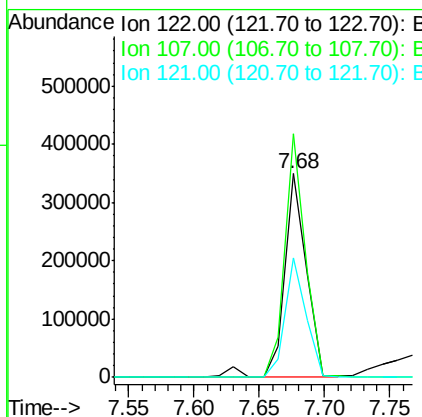
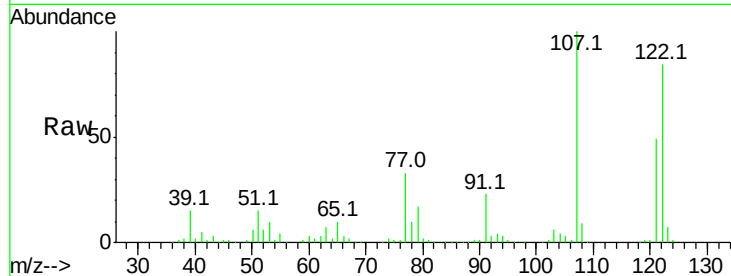
#27
 2,4-Dimethylphenol
 Concen: 37.29 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleID :
 PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	415999		
107	119.6	99.1	148.7	
121	58.8	47.9	71.9	

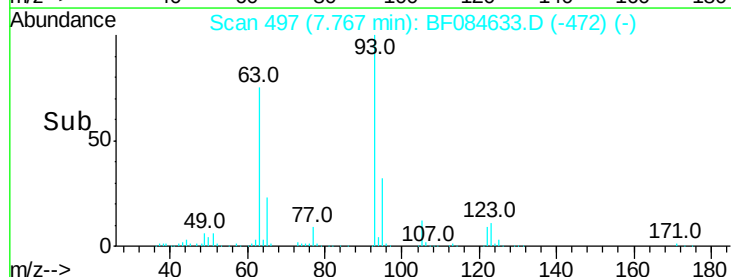
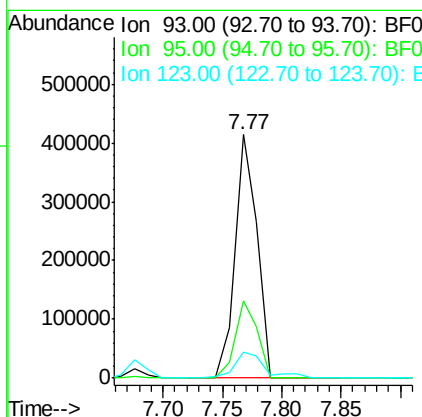
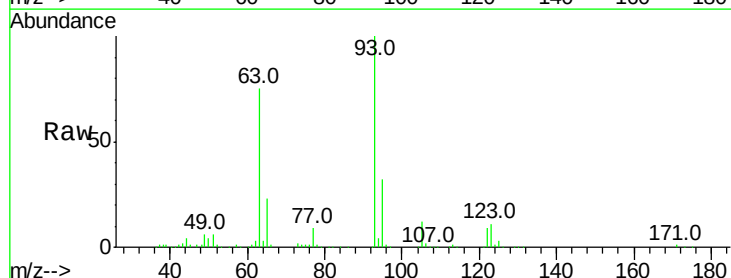
Manual Integrations
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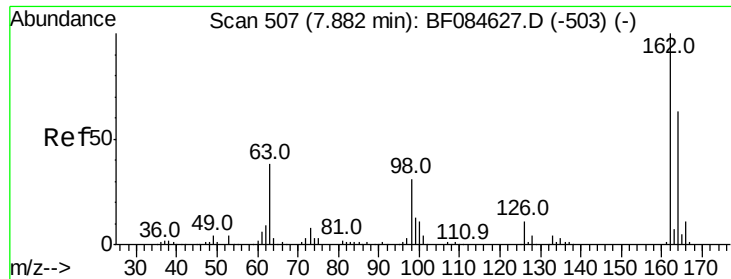
mohammad
 2/1/2016 2:24:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.28 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	527901		
95	31.9	25.8	38.6	
123	10.7	8.6	12.8	





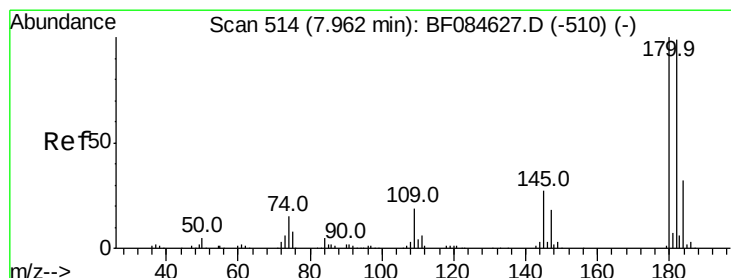
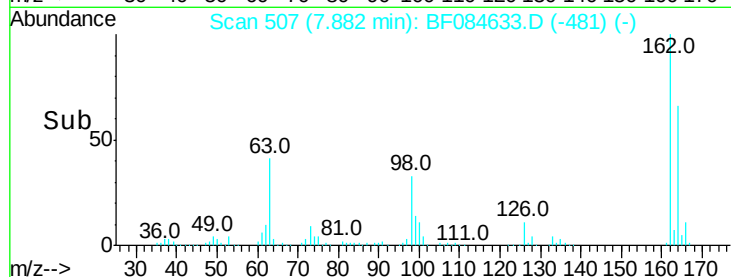
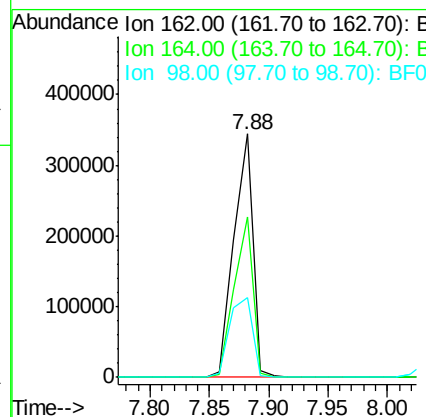
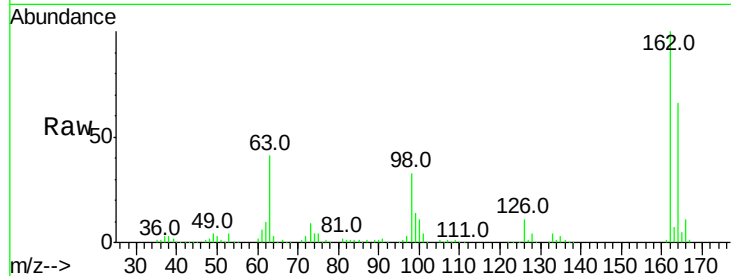
#29
 2,4-Dichlorophenol
 Concen: 39.37 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	44.1	84.1
98	32.8	20.2	60.2

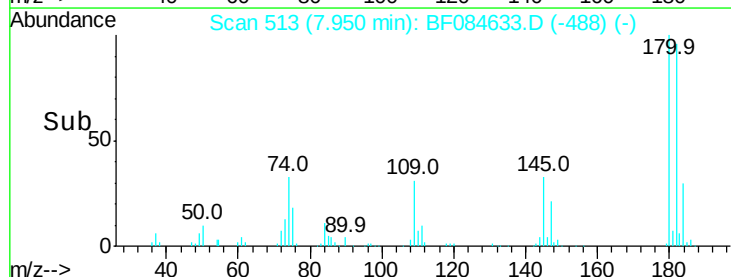
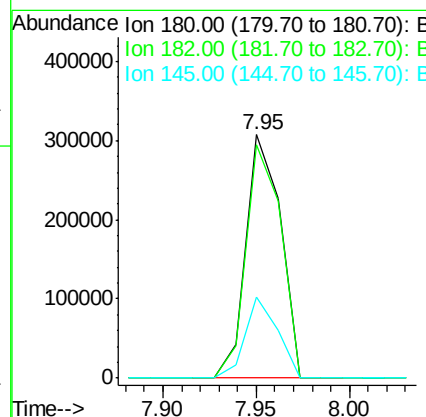
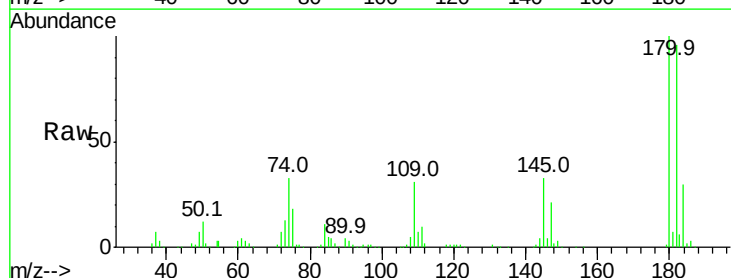
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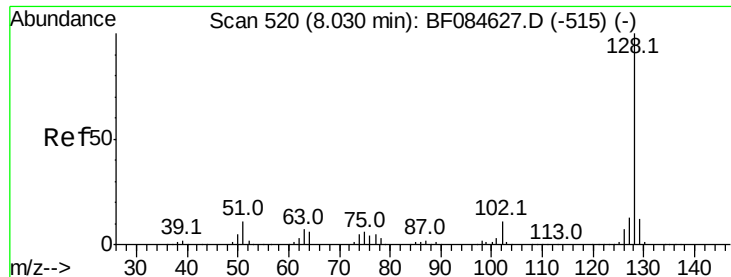
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.47 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	76.4	114.6
145	33.4	31.6	47.4





#31

Naphthalene

Concen: 34.70 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

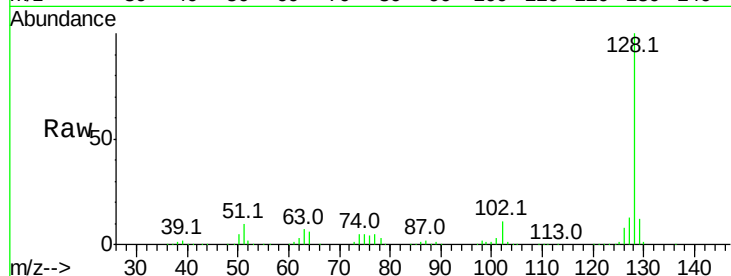
ClientSampleId :

PB88038BS

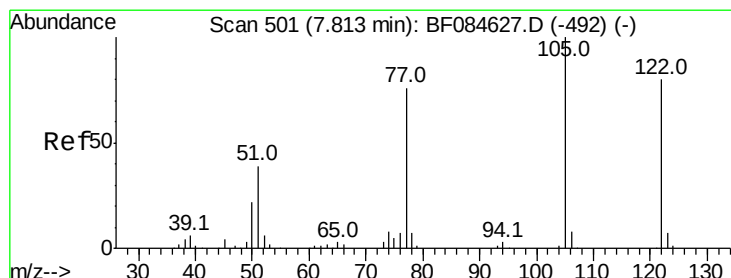
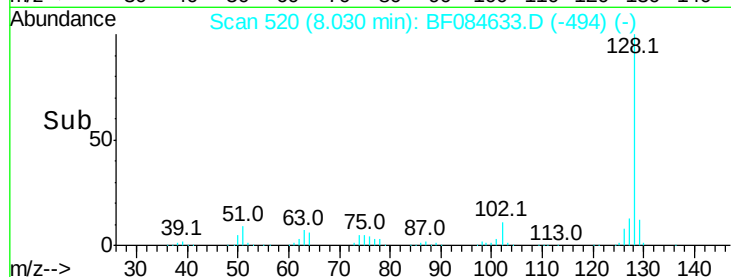
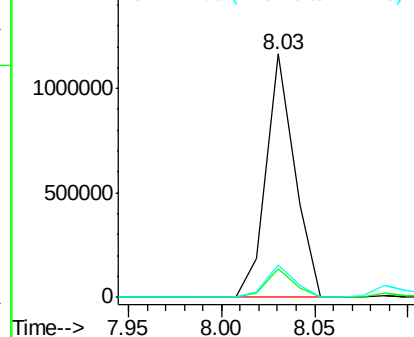
Tot Ion:	128	Resp:	1233129
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.4	11.1	16.7

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



#32

Benzoic acid

Concen: 33.05 ng

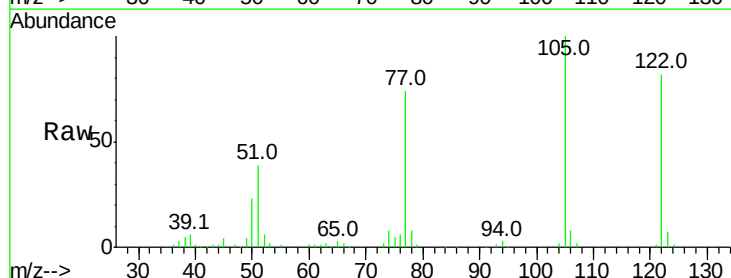
RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

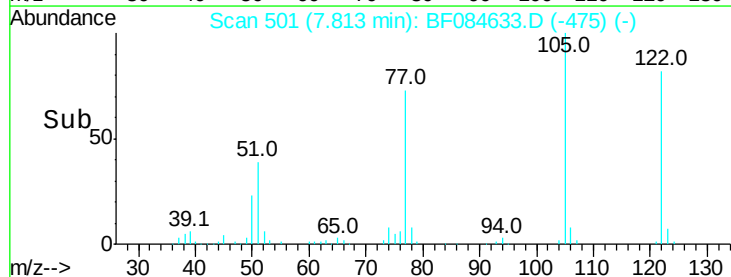
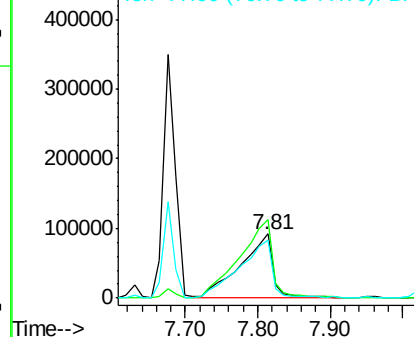
Lab File: BF084633.D

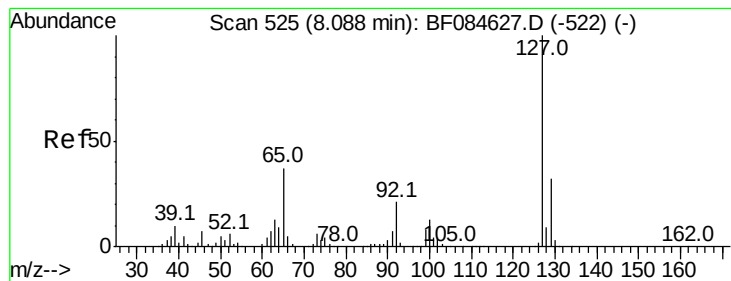
Acq: 29 Jan 2016 13:54

Tgt Ion:	122	Resp:	283064
Ion	Ratio	Lower	Upper
122	100		
105	122.5	100.3	140.3
77	90.6	63.5	103.5



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





#33

4-Chloroaniline

Concen: 6.12 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:127 Resp: 88485

Ion Ratio Lower Upper

127 100

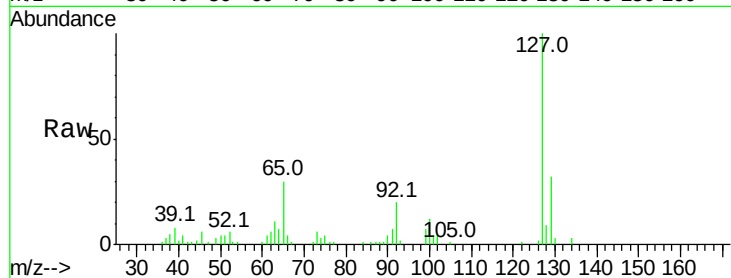
129 32.4 26.5 39.7

65 29.8 27.2 40.8

92 20.0 17.7 26.5

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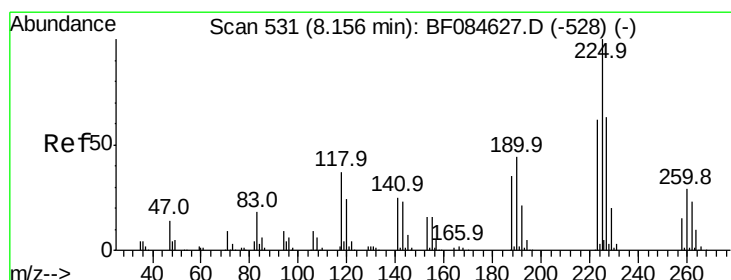
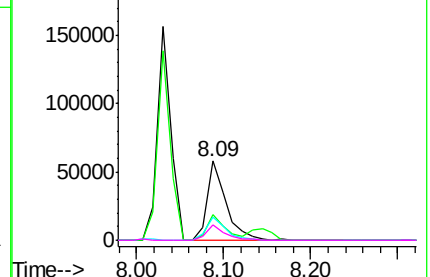
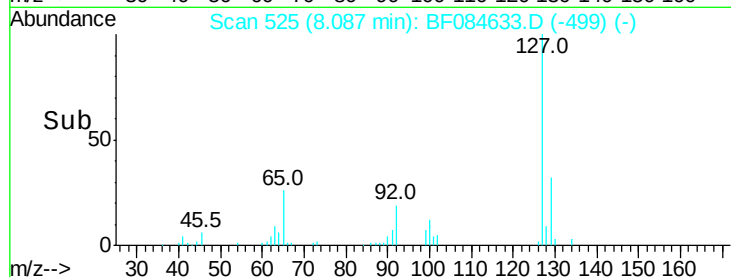


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.32 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

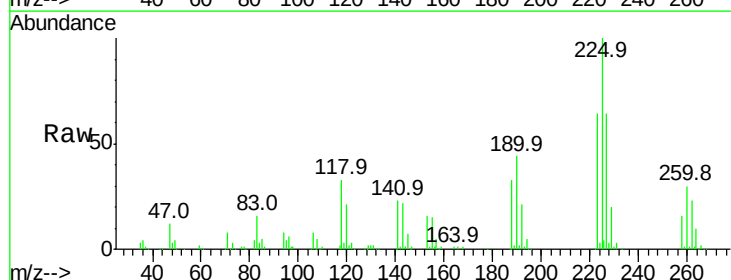
Tgt Ion:225 Resp: 246087

Ion Ratio Lower Upper

225 100

223 64.1 49.4 74.0

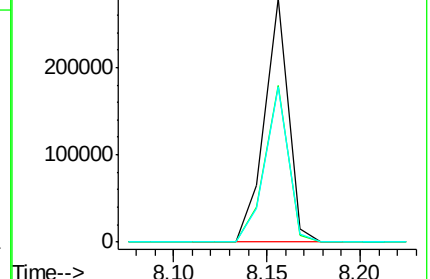
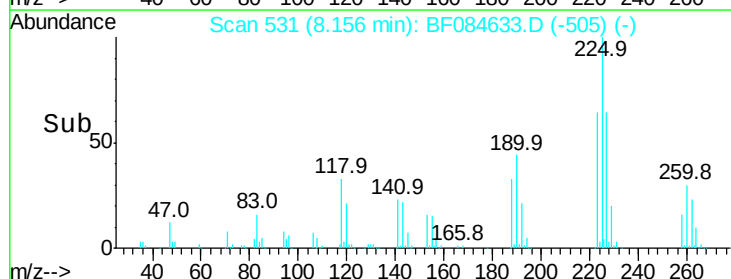
227 63.6 50.8 76.2

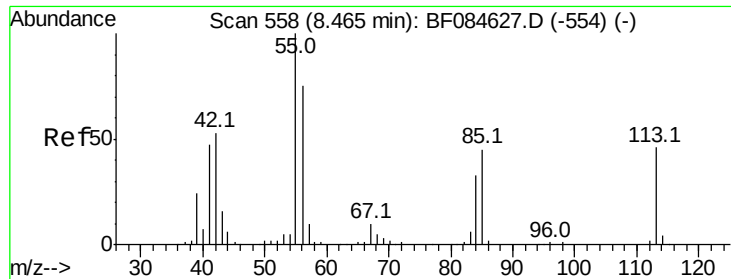


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





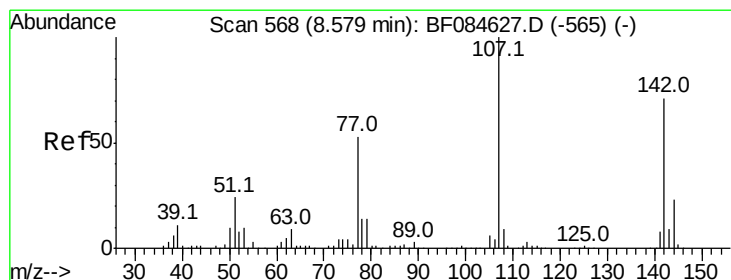
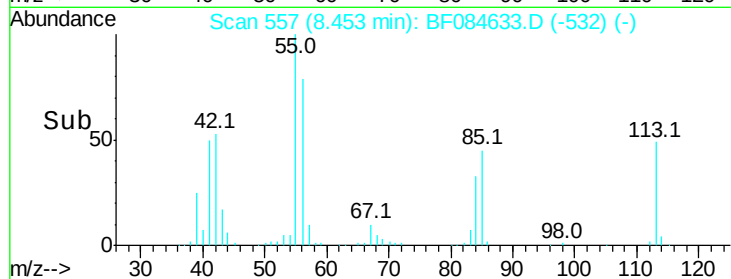
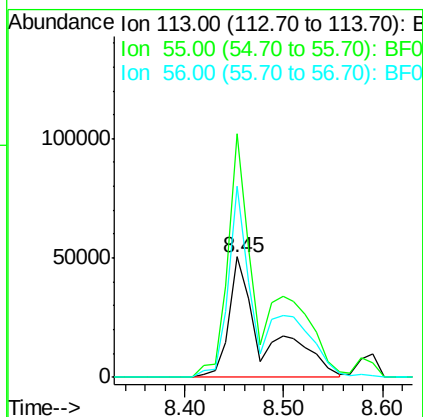
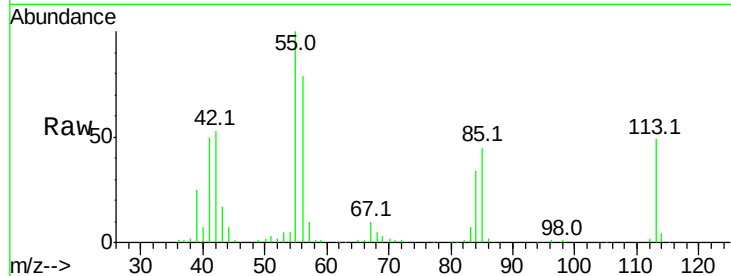
#35
 Caprolactam
 Concen: 45.20 ng/ml
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	202.3	116.9	156.9#	
56	158.8	93.8	133.8#	

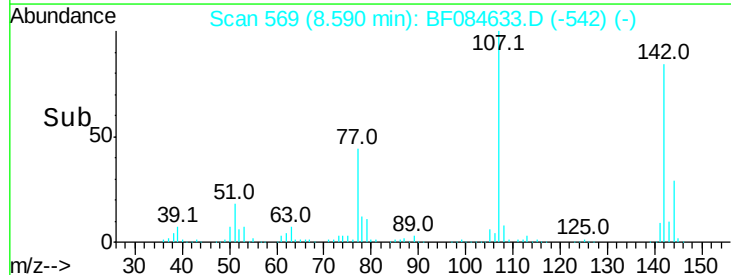
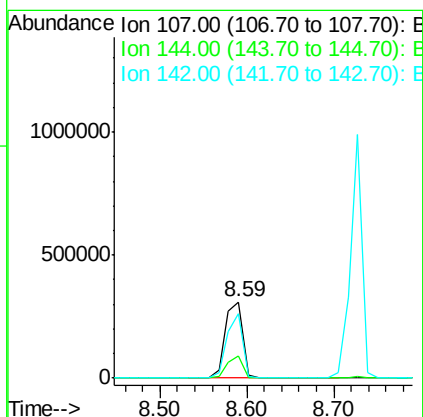
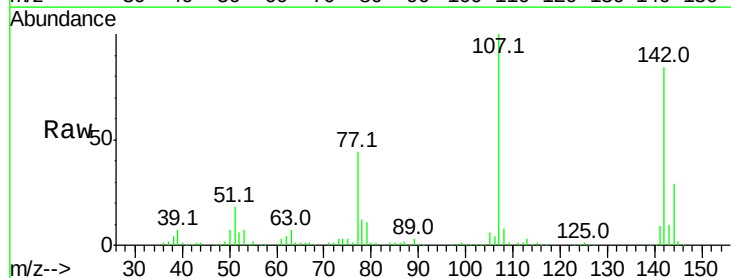
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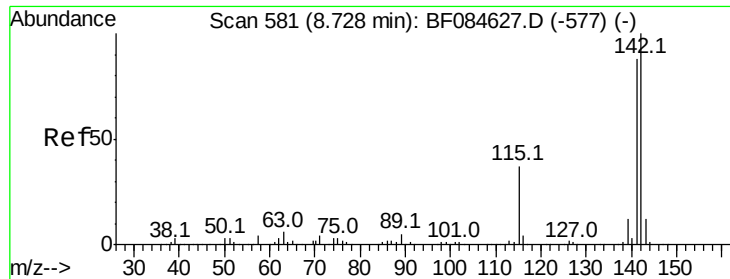
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#36
 4-Chloro-3-methylphenol
 Concen: 40.70 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.6	19.7	29.5	
142	84.2	61.8	92.6	





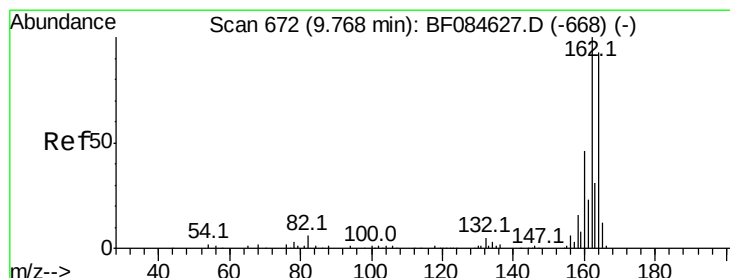
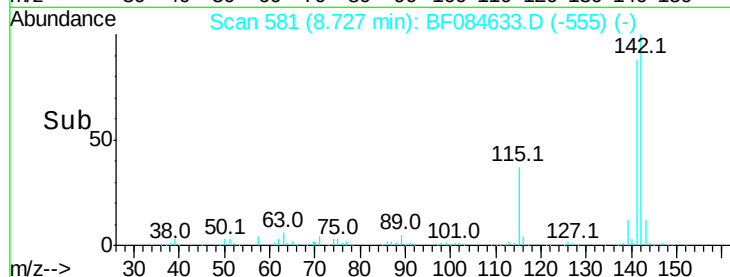
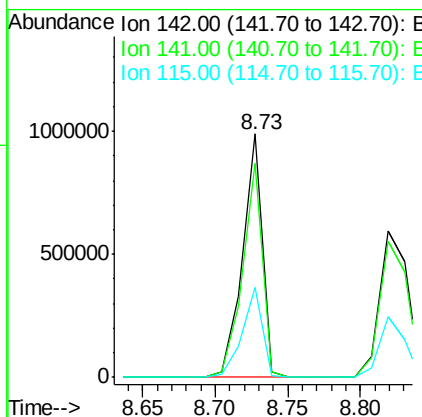
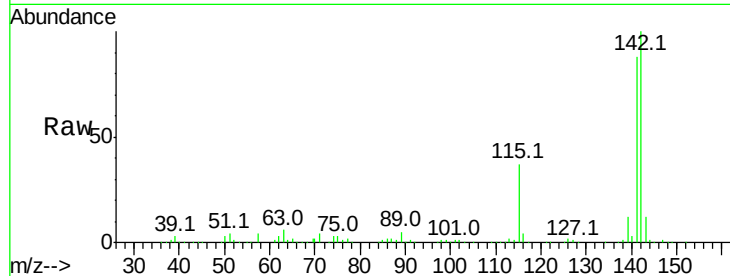
#37
2-Methylnaphthalene
Concen: 43.01 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.4	108.6
115	36.8	27.9	41.9

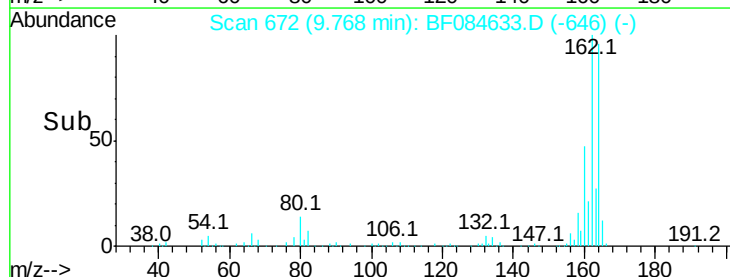
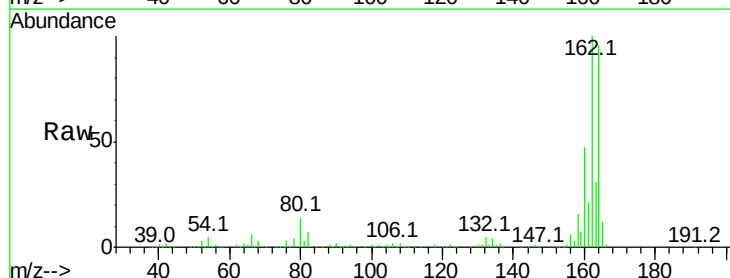
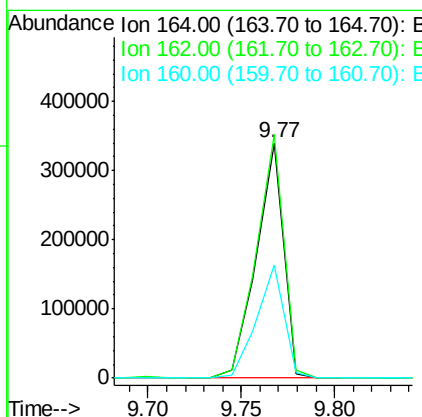
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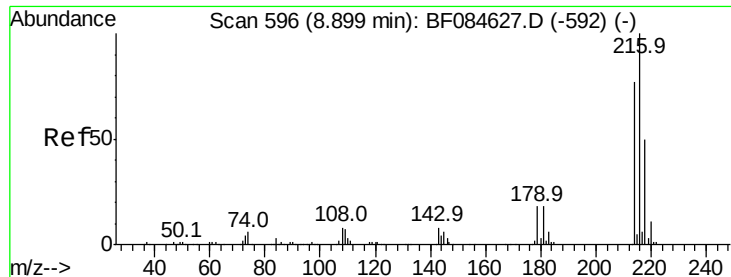
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	48.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.38 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

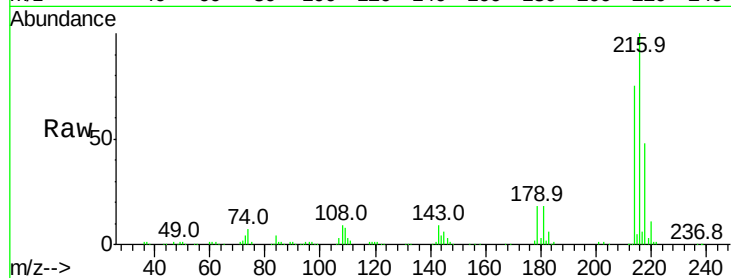
ClientSampleId :

PB88038BS

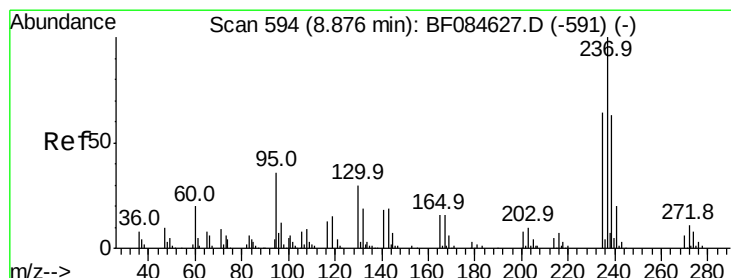
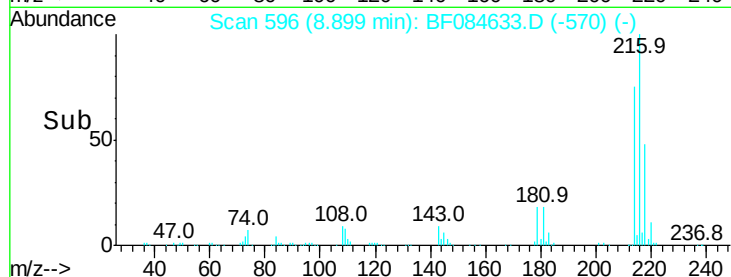
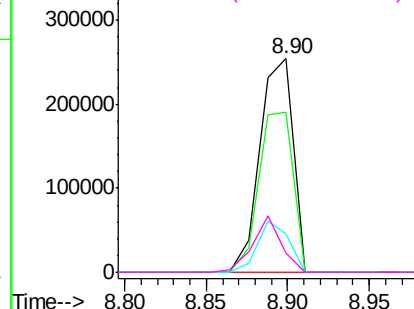
Tot Ion	Ratio	Resp	Lower	Upper
216	100	359702		
214	77.8		64.2	96.2
179	22.5		18.7	28.1
108	22.5		16.8	25.2

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



#40

Hexachlorocyclopentadiene

Concen: 82.87 ng

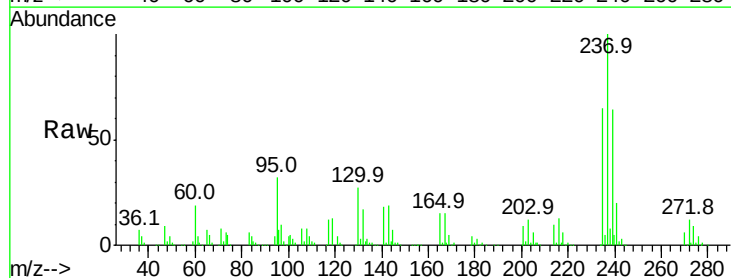
RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

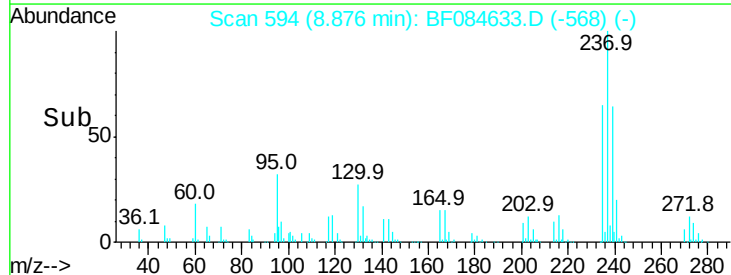
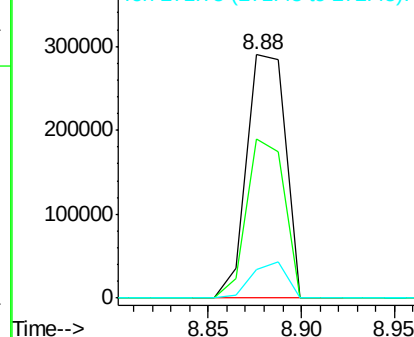
Lab File: BF084633.D

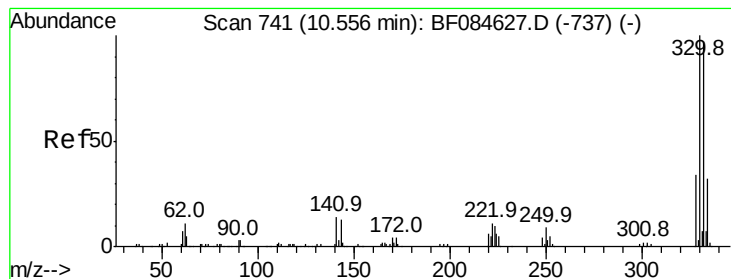
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	418496		
235	65.4		43.1	83.1
272	11.6		0.0	35.1



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





#41

2,4,6-Tribromophenol

Concen: 116.42 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

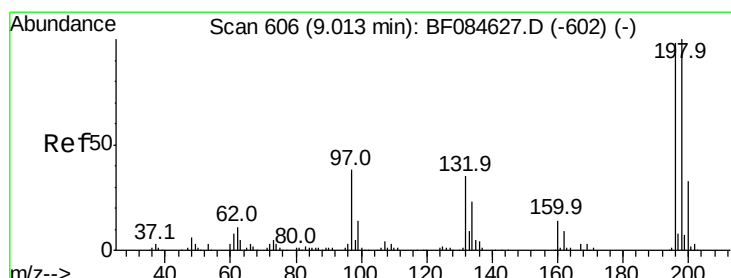
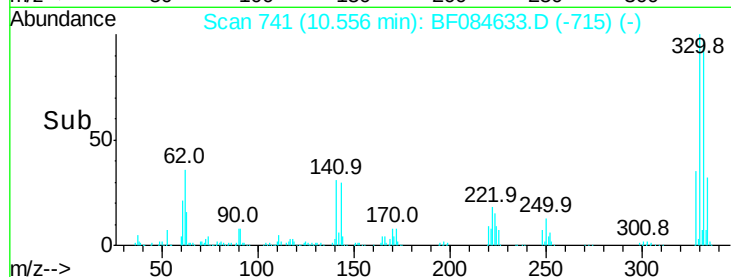
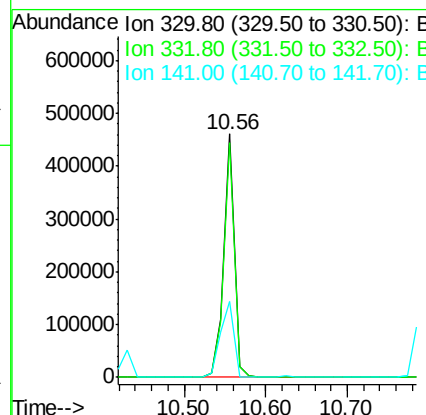
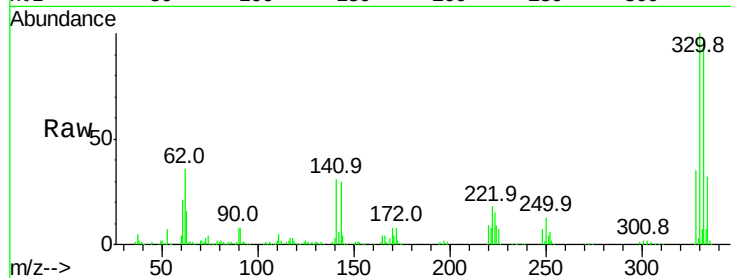
ClientSampleId :

PB88038BS

Tot Ion:	330	Resp:	417914
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	114.8
141	39.7	27.8	41.6

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#42

2,4,6-Trichlorophenol

Concen: 38.74 ng

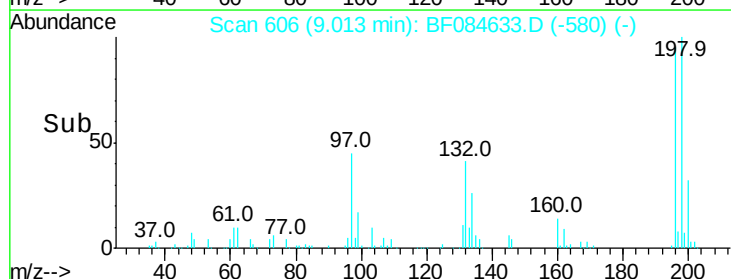
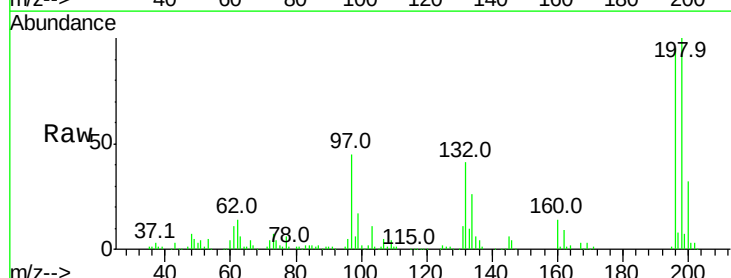
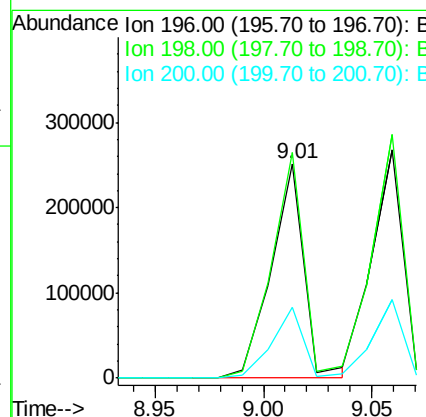
RT: 9.01 min Scan# 606

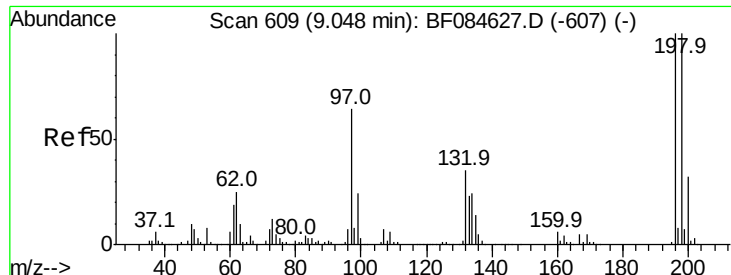
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	196	Resp:	267317
Ion Ratio	Lower	Upper	
196	100		
198	105.5	77.7	116.5
200	33.3	24.6	37.0





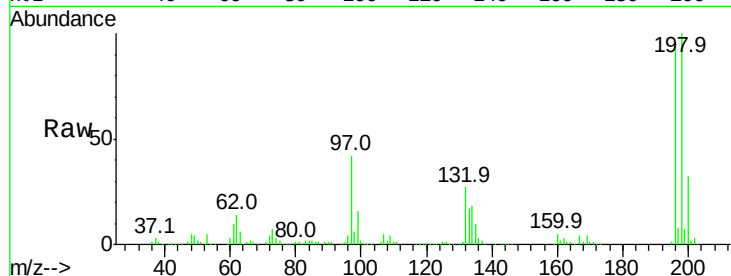
#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

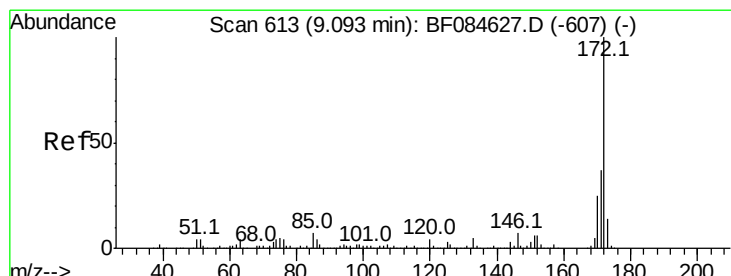
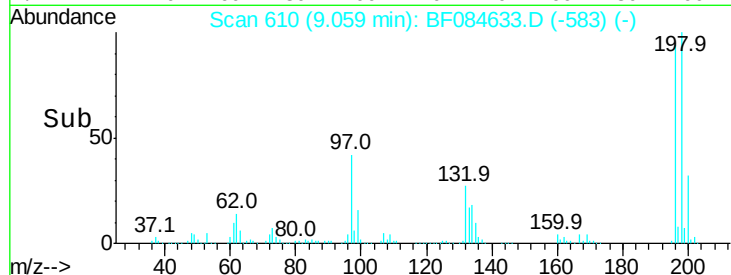
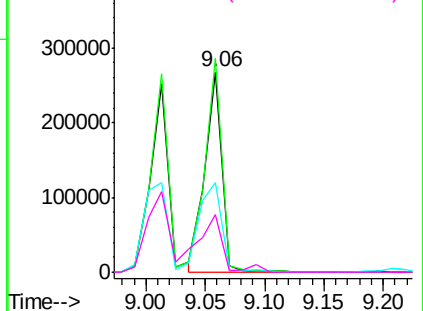
Tot Ion	196	Resp	268765
Ion Ratio	Lower	Upper	
196	100		
198	106.7	79.0	118.6
97	44.6	33.0	49.6
132	28.5	21.1	31.7

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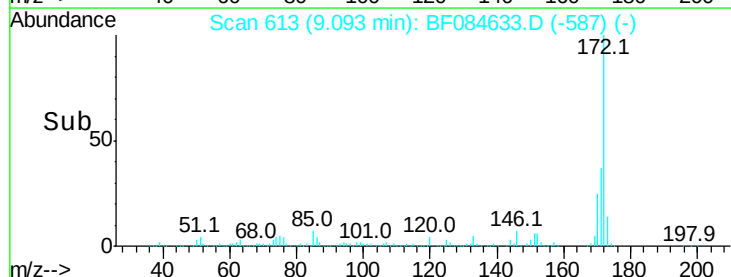
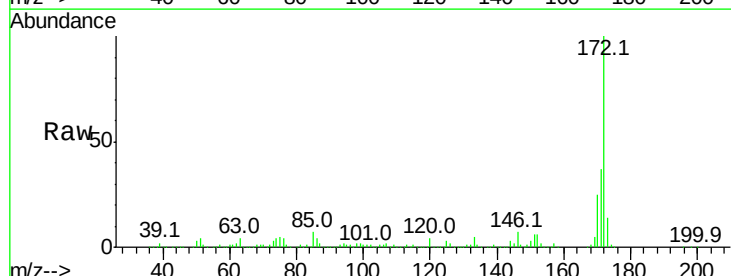
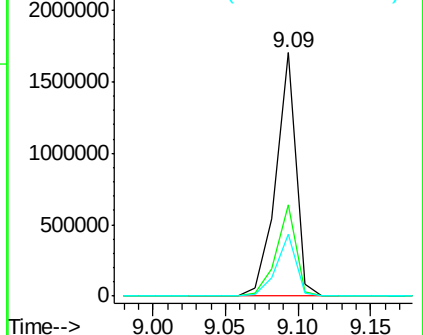
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

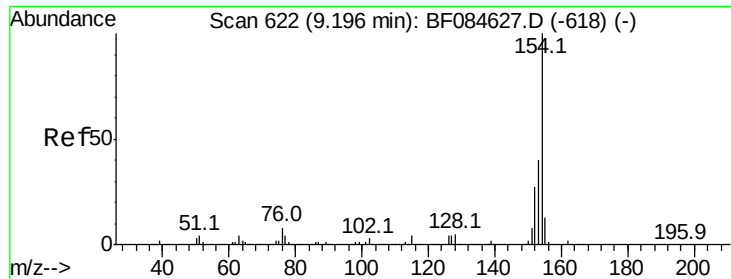


#44
 2-Fluorobiphenyl
 Concen: 71.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	172	Resp	1644568
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8

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





#45

1,1'-Biphenyl

Concen: 34.40 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:154 Resp: 1079808

Ion Ratio Lower Upper

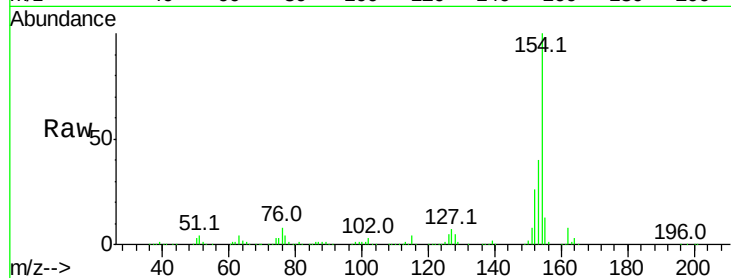
154 100

153 40.4 21.6 61.6

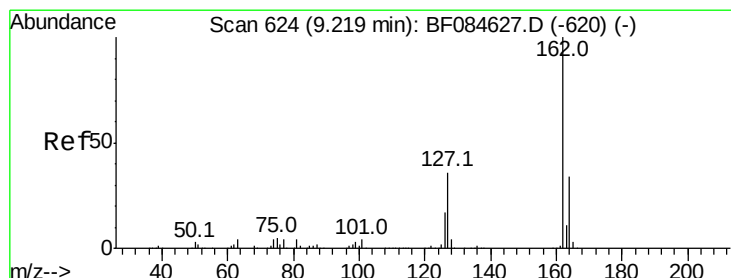
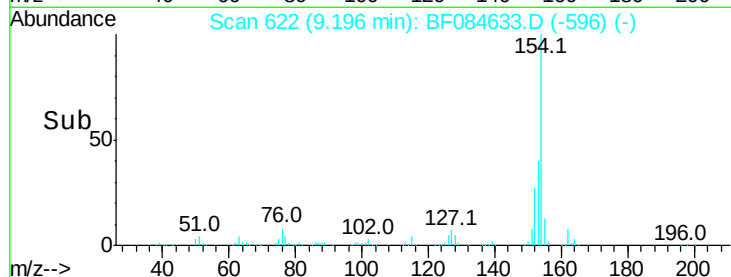
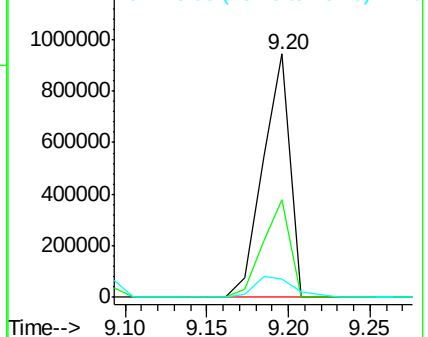
76 7.5 0.0 32.7

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



#46

2-Chloronaphthalene

Concen: 35.17 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

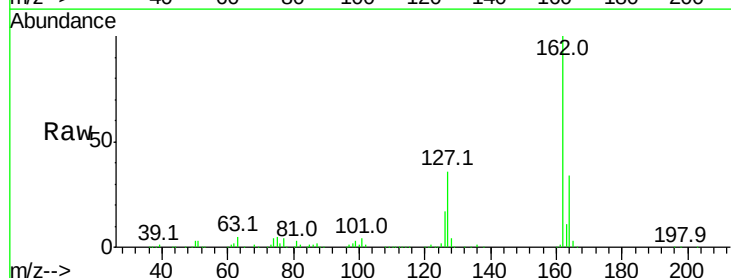
Tgt Ion:162 Resp: 805461

Ion Ratio Lower Upper

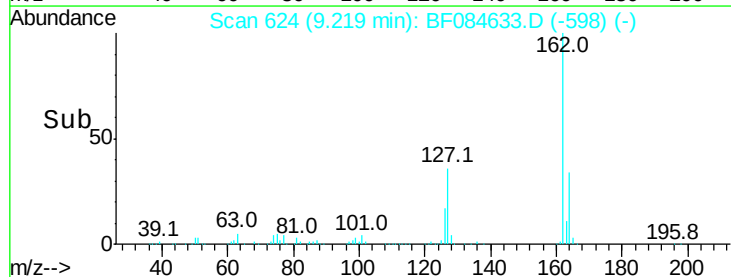
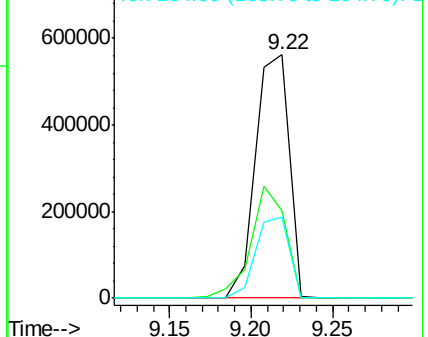
162 100

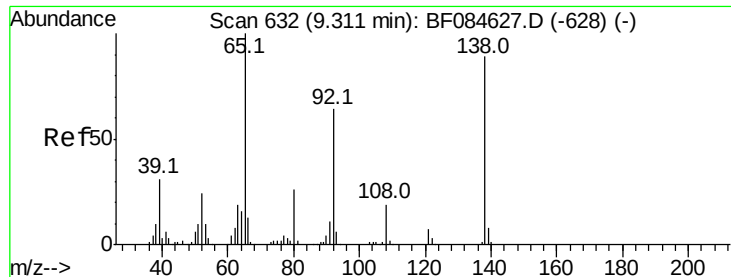
127 35.8 40.2 60.4#

164 33.6 25.7 38.5



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





#47

2-Nitroaniline

Concen: 34.56 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

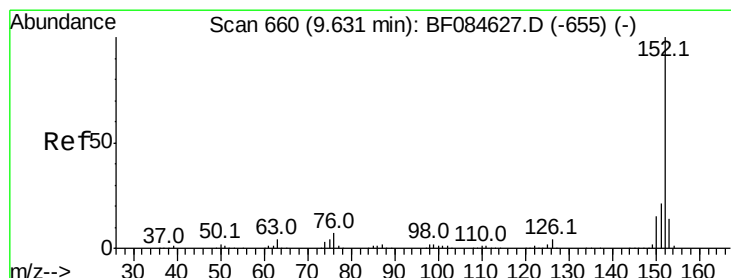
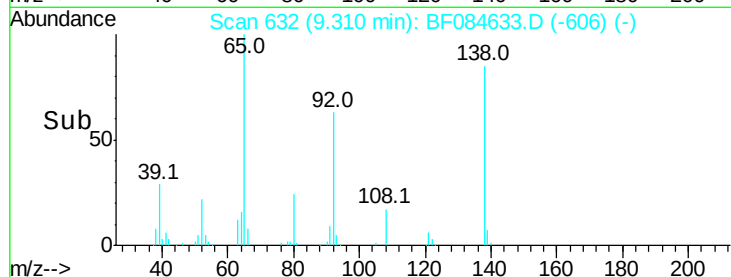
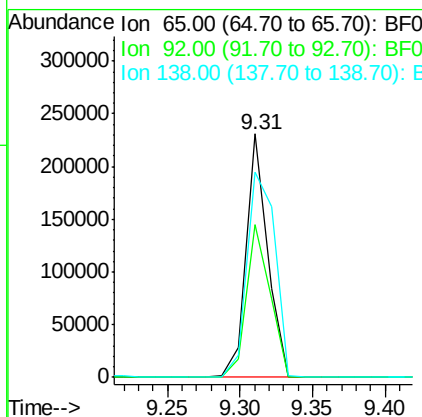
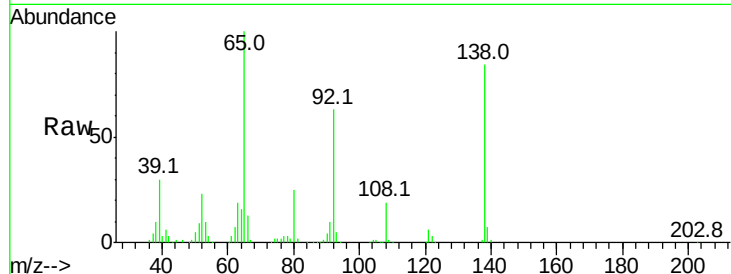
ClientSampleId :

PB88038BS

Tot Ion:	65	Resp:	237733
Ion Ratio	Lower	Upper	
65	100		
92	62.8	53.4	80.2
138	84.1	71.1	106.7

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#48

Acenaphthylene

Concen: 37.12 ng

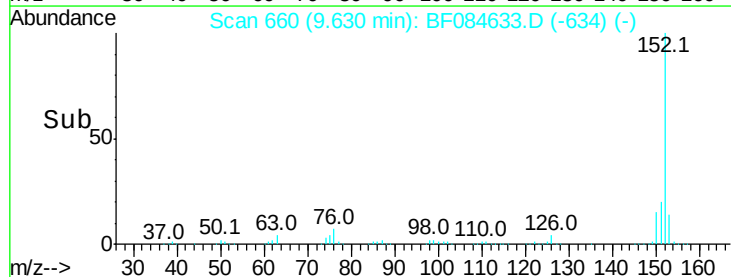
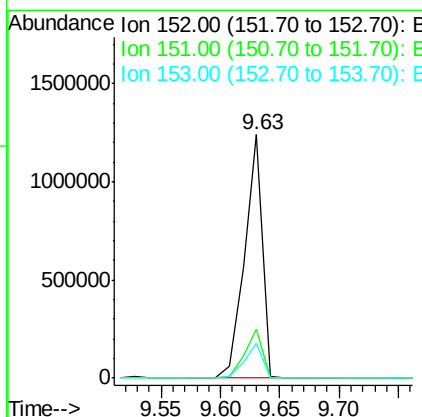
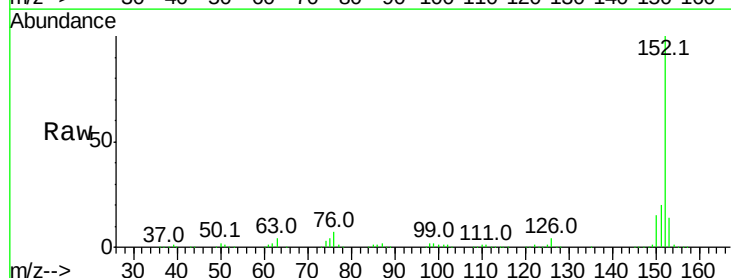
RT: 9.63 min Scan# 660

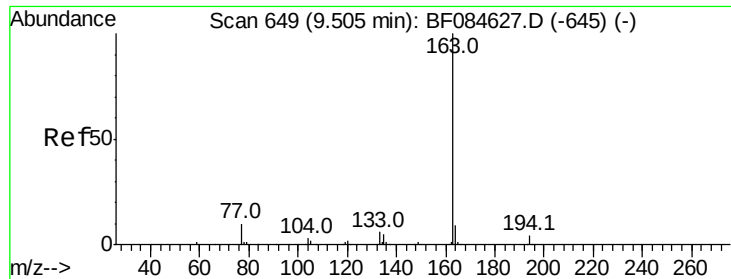
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	152	Resp:	1288114
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	14.3	10.4	15.6





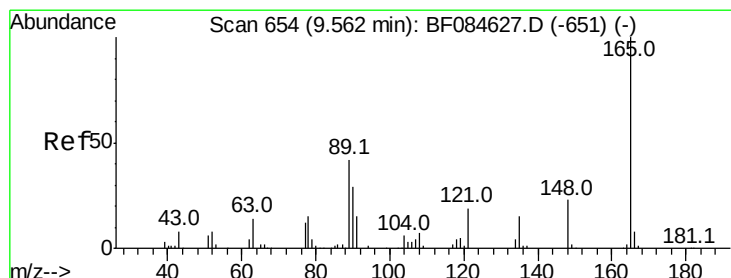
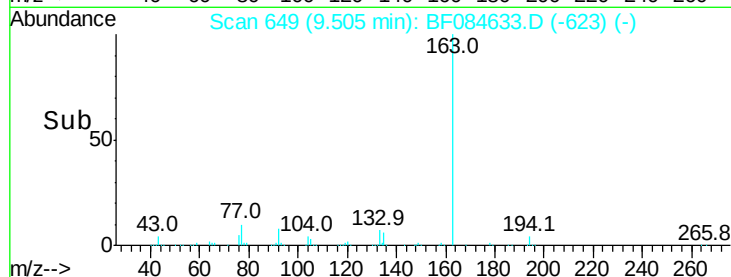
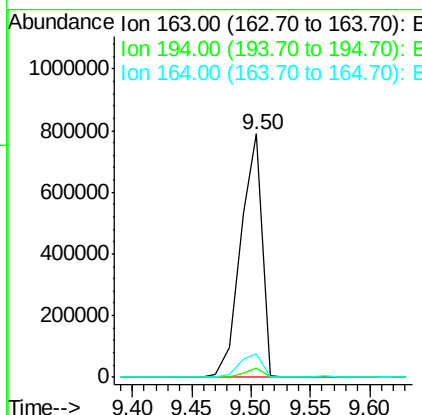
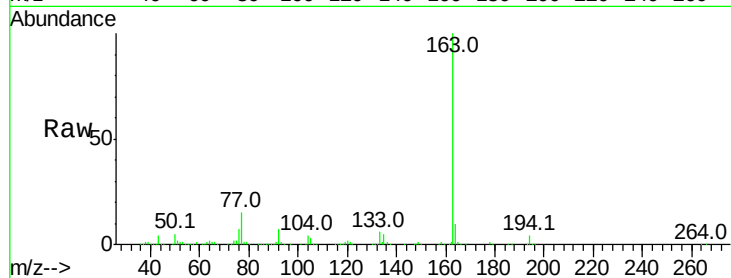
#49
Dimethylphthalate
Concen: 38.25 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	983288		
194	3.6		8.0	12.0#
164	9.7		8.0	12.0

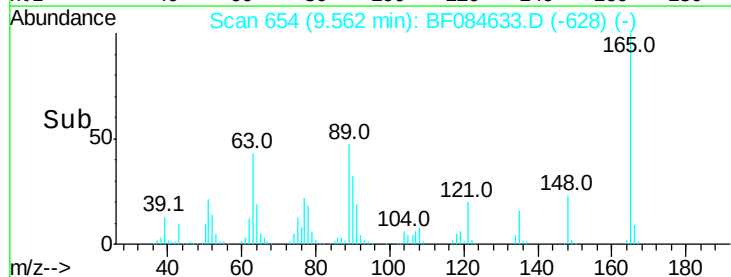
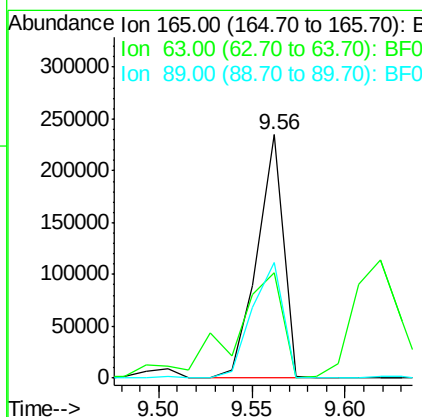
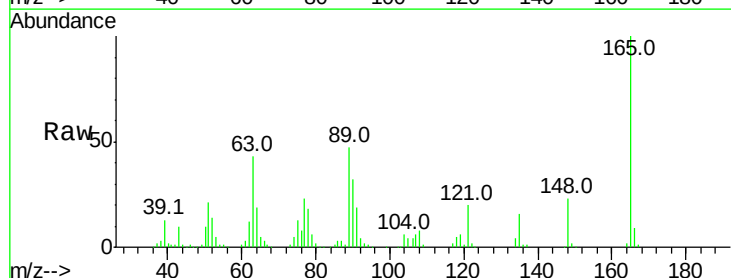
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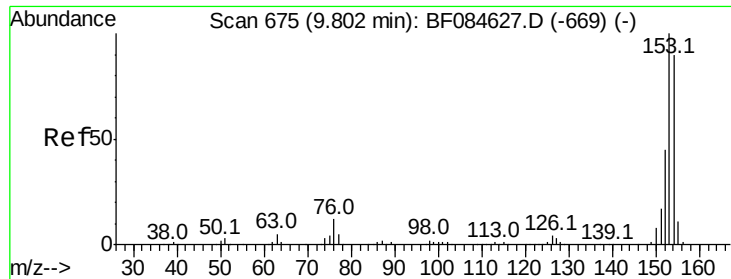
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#50
2,6-Dinitrotoluene
Concen: 40.52 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229148		
63	43.1		28.8	43.2
89	47.5		35.1	52.7





#51

Acenaphthene

Concen: 36.19 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

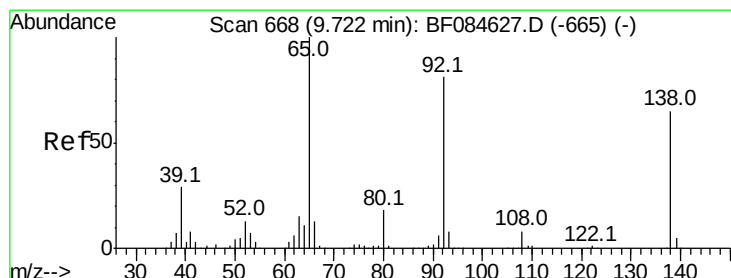
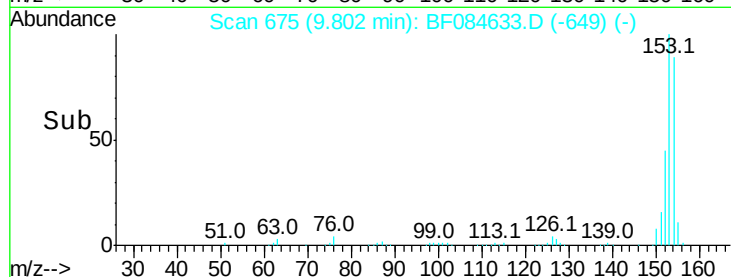
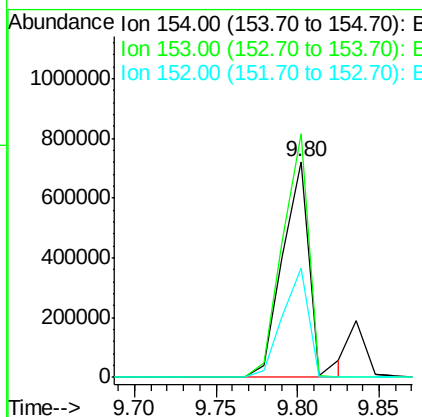
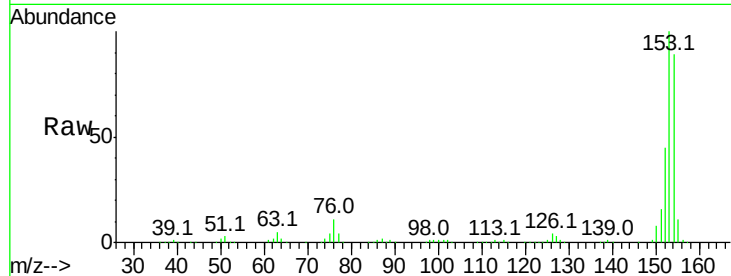
ClientSampleId :

PB88038BS

Tot Ion:	154	Resp:	840893
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.5	137.3
152	50.6	43.0	64.6

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#52

3-Nitroaniline

Concen: 9.41 ng

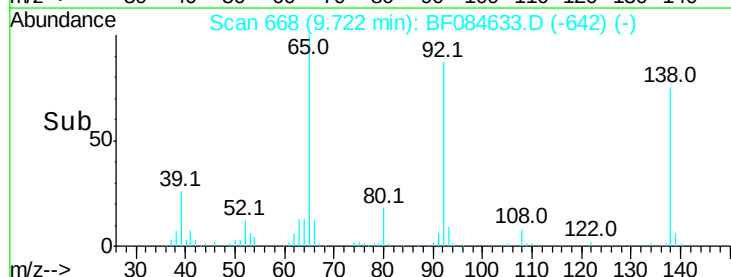
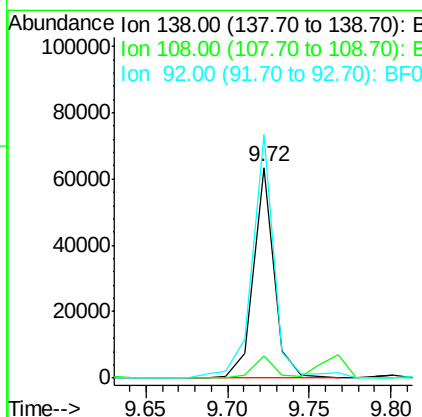
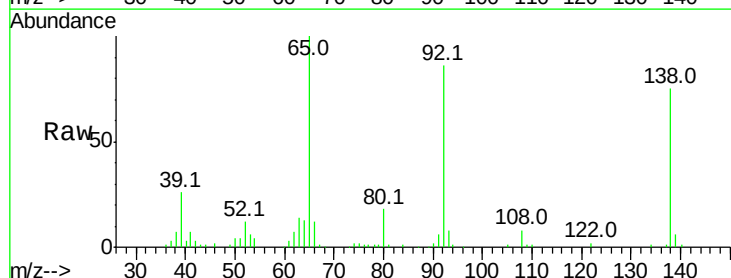
RT: 9.72 min Scan# 668

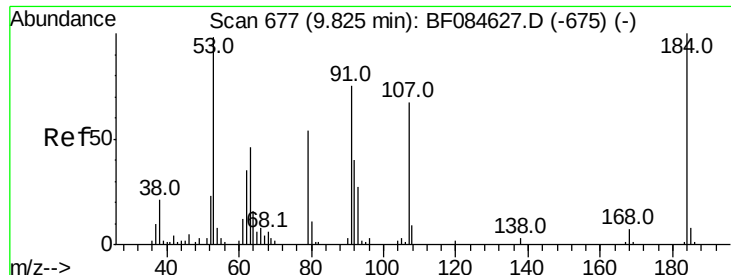
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	138	Resp:	55605
Ion Ratio	Lower	Upper	
138	100		
108	10.8	10.5	15.7
92	115.5	103.9	155.9





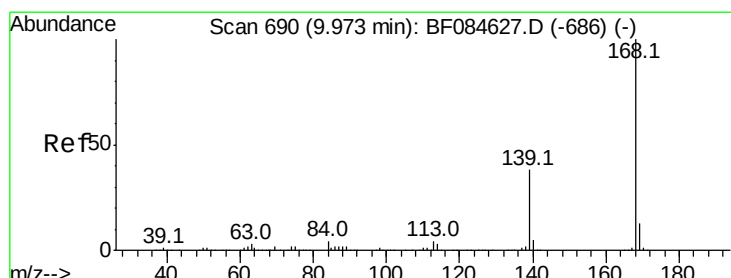
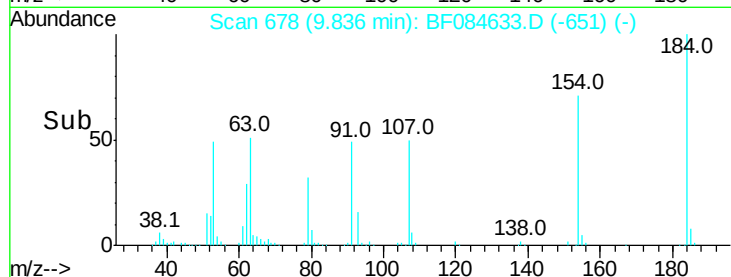
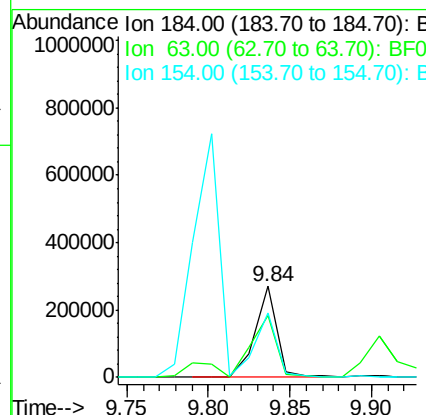
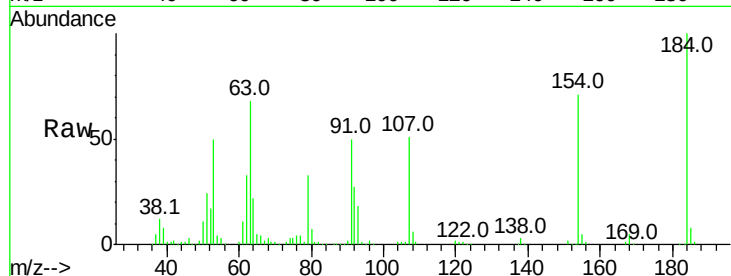
#53
2,4-Dinitrophenol
Concen: 91.32 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	254855		
63	67.7	43.1	64.7#	
154	70.9	60.5	90.7	

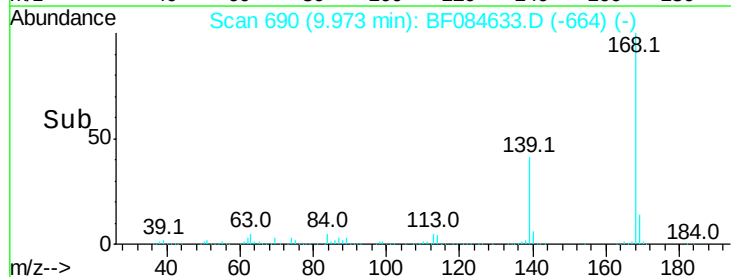
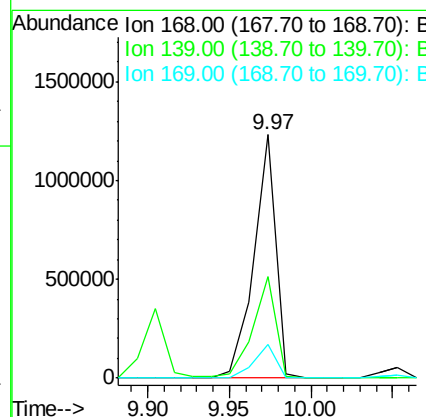
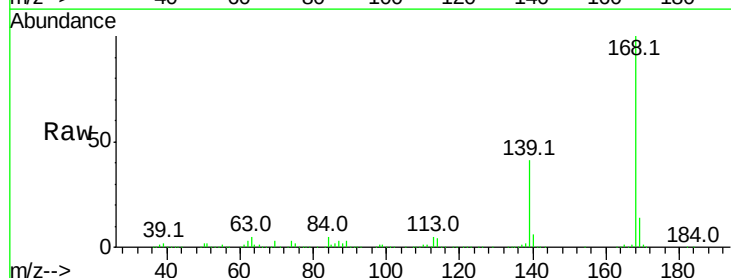
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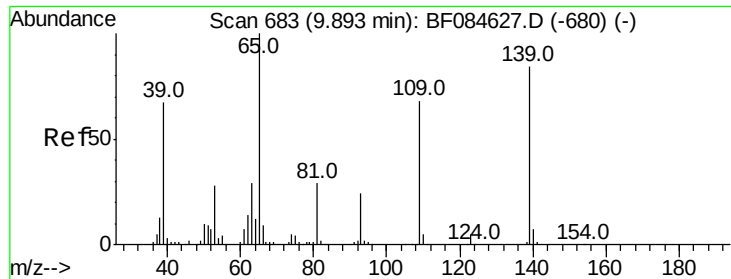
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#54
Dibenzofuran
Concen: 41.36 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1146865		
139	41.5	30.5	45.7	
169	13.9	10.4	15.6	





#55

4-Nitrophenol

Concen: 77.71 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

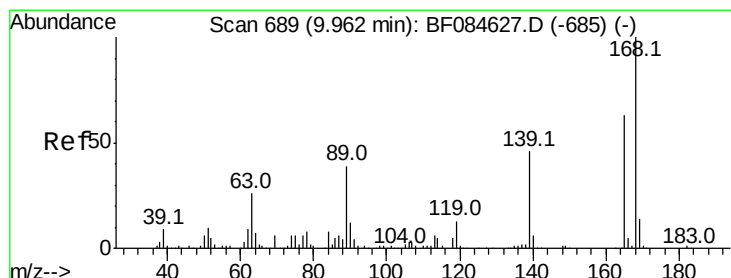
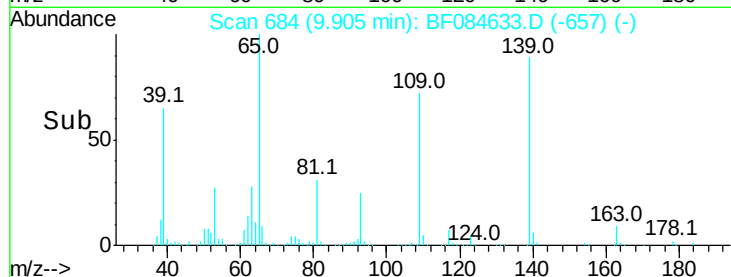
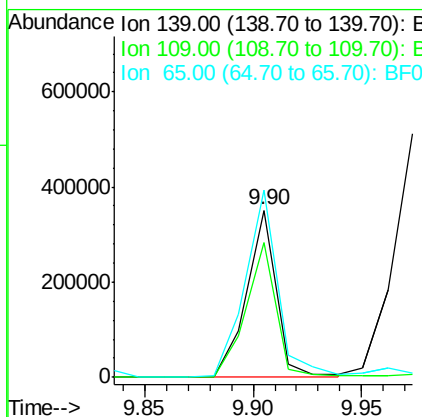
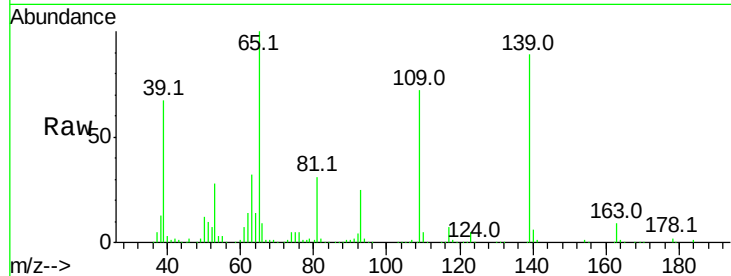
ClientSampleId :

PB88038BS

Tot Ion:	139	Resp:	337353
Ion Ratio	Lower	Upper	
139	100		
109	80.6	58.5	98.5
65	112.5	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 39.85 ng

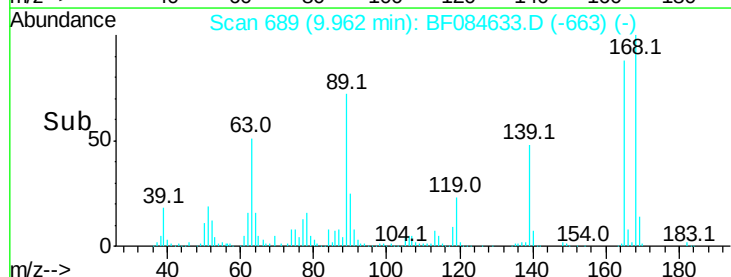
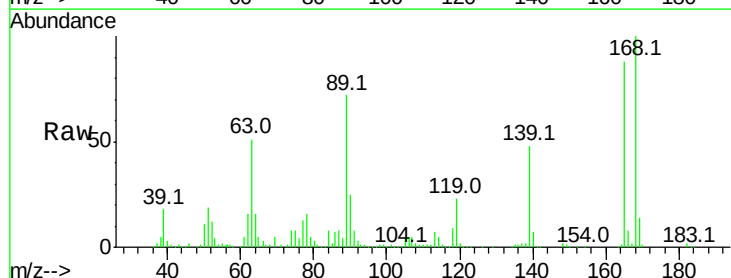
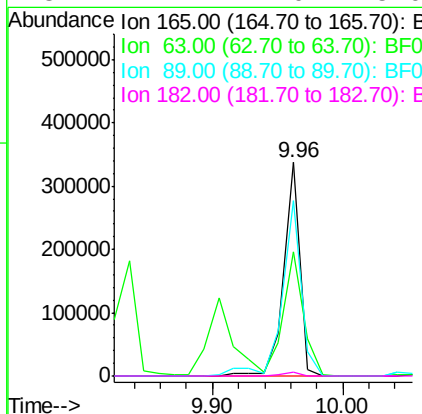
RT: 9.96 min Scan# 689

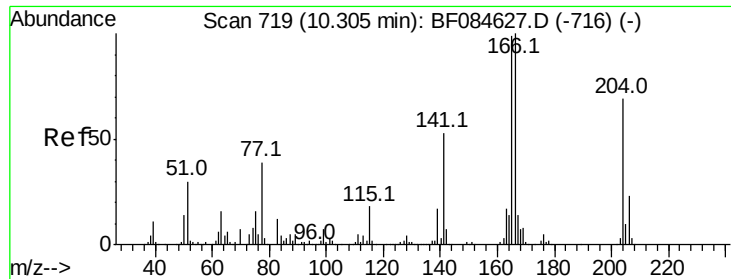
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	165	Resp:	292789
Ion Ratio	Lower	Upper	
165	100		
63	58.1	36.7	55.1#
89	81.8	61.9	92.9
182	2.1	2.0	3.0





#57

Fluorene

Concen: 38.42 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

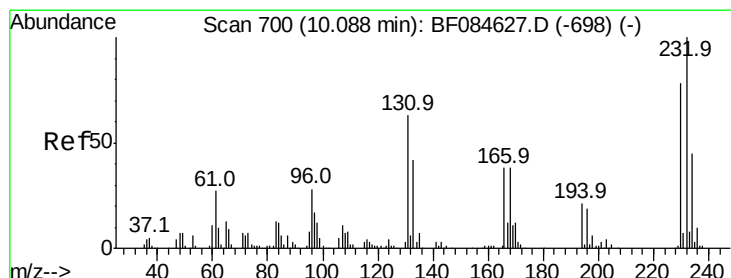
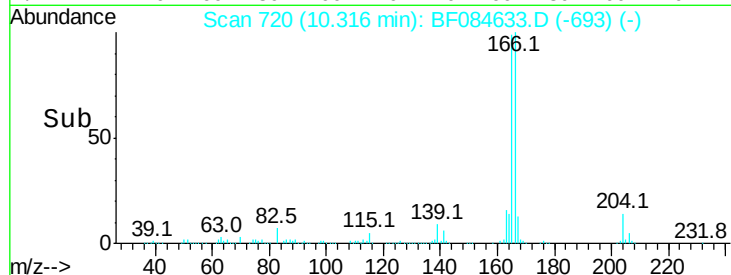
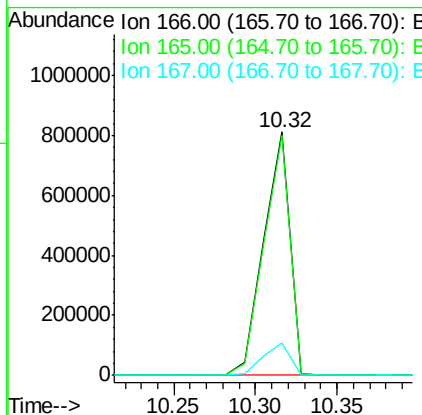
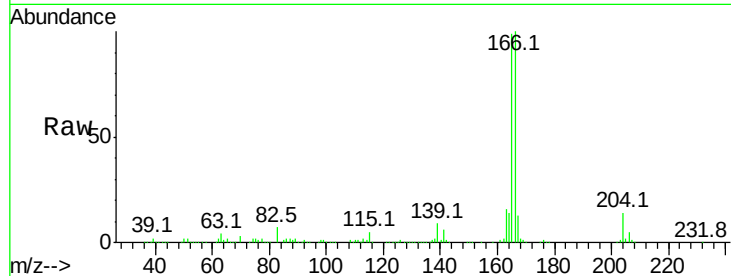
ClientSampled :

PB88038BS

Tot Ion:	166	Resp:	903225
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.1	118.7
167	13.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.92 ng

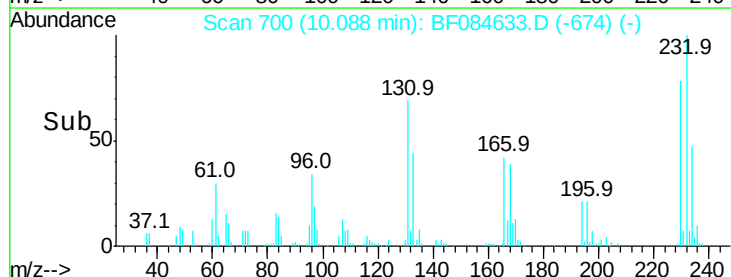
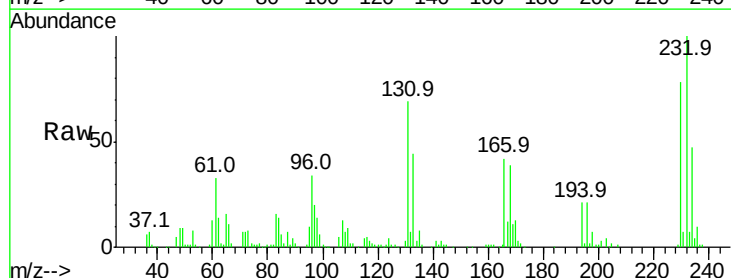
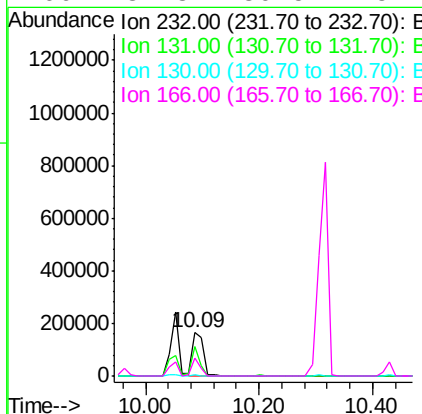
RT: 10.09 min Scan# 700

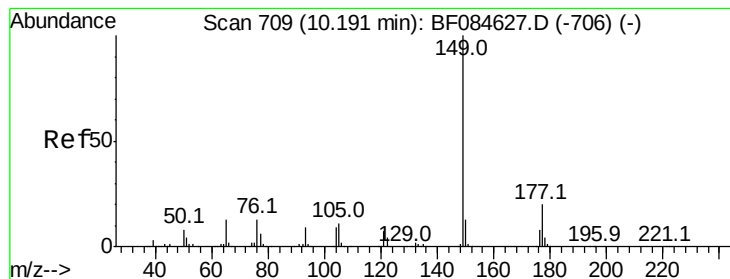
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	232	Resp:	225810
Ion Ratio	Lower	Upper	
232	100		
131	50.5	47.0	70.6
130	2.5	2.0	3.0
166	31.8	30.5	45.7





#59

Diethylphthalate

Concen: 39.74 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:149 Resp: 1000100

Ion Ratio Lower Upper

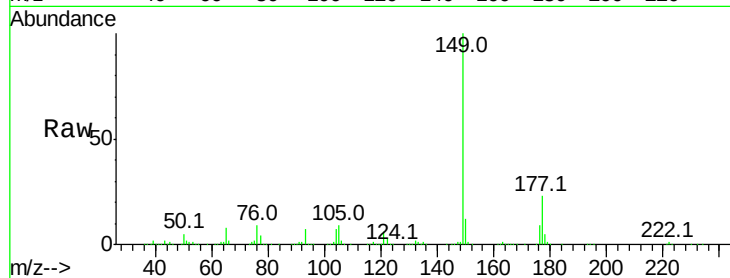
149 100

177 23.2 17.3 25.9

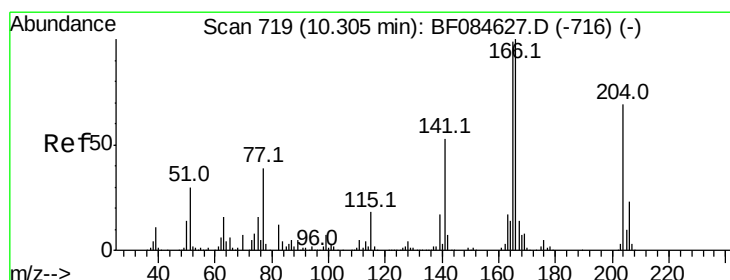
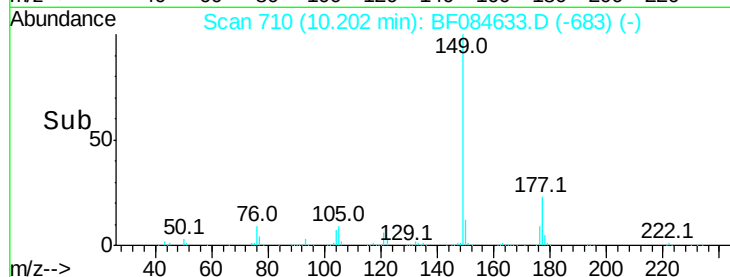
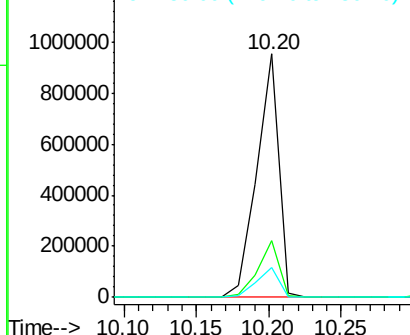
150 12.4 9.8 14.8

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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: 36.02 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

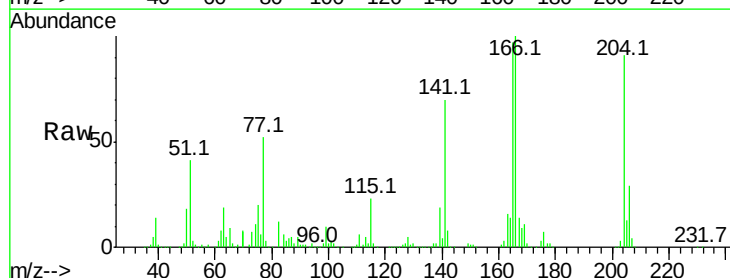
Tgt Ion:204 Resp: 380070

Ion Ratio Lower Upper

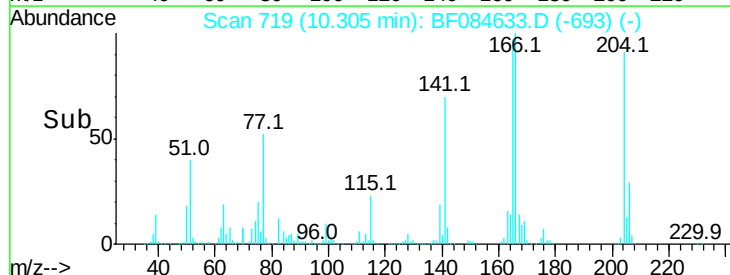
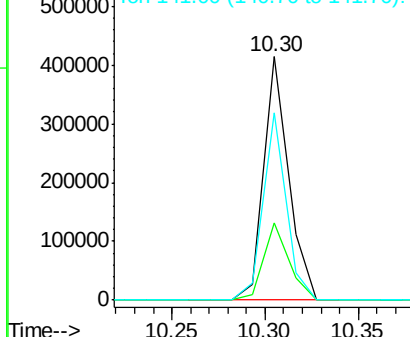
204 100

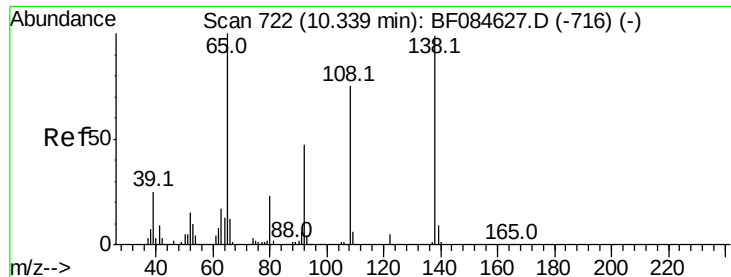
206 31.7 25.7 38.5

141 76.8 55.1 82.7



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: 36.92 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:138 Resp: 206513

Ion Ratio Lower Upper

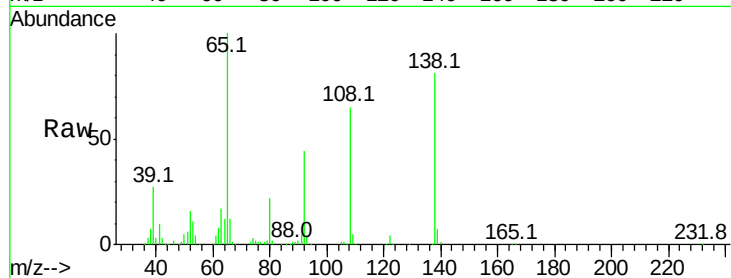
138 100

92 55.0 32.6 72.6

108 80.8 68.6 108.6

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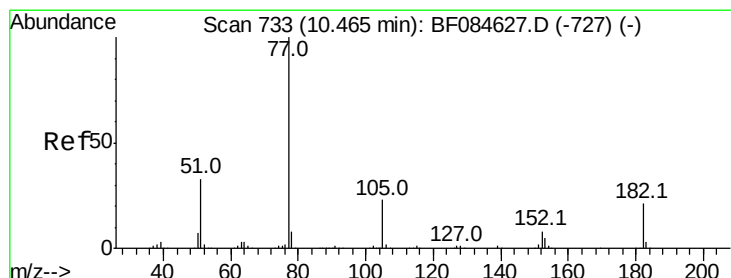
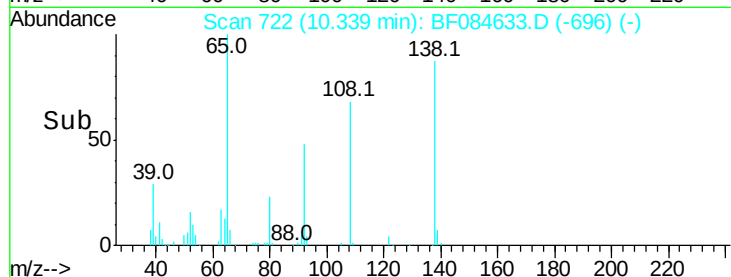
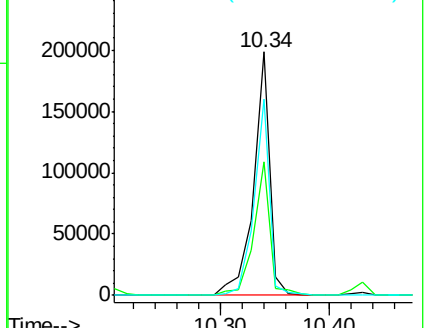
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion: 77 Resp: 980793

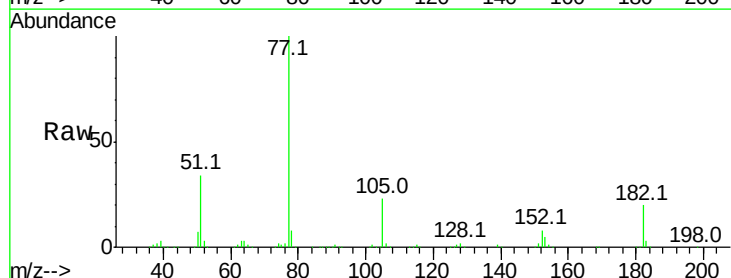
Ion Ratio Lower Upper

77 100

182 19.8 8.3 48.3

105 23.2 4.6 44.6

51 34.3 6.2 46.2

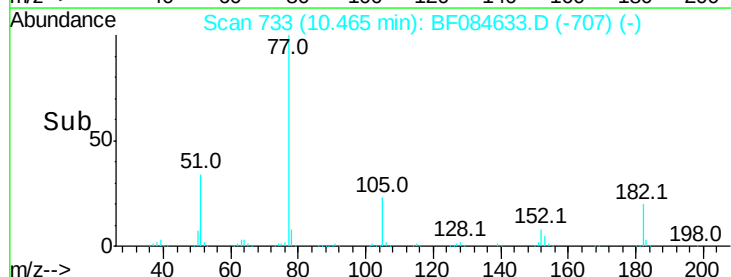
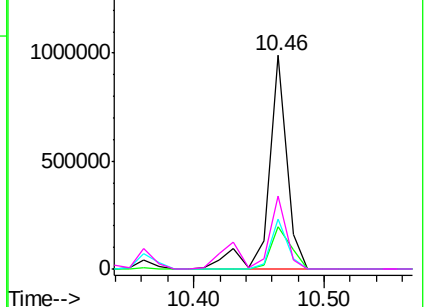


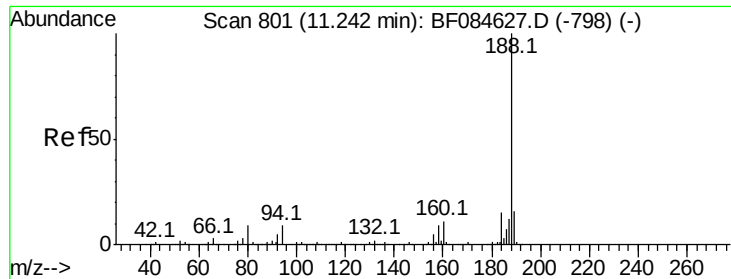
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





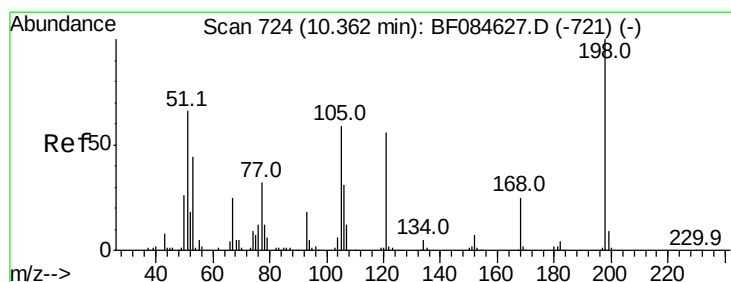
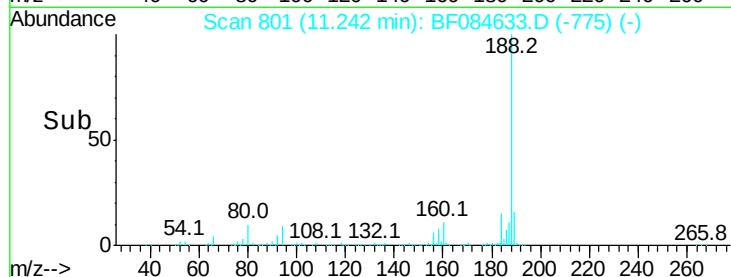
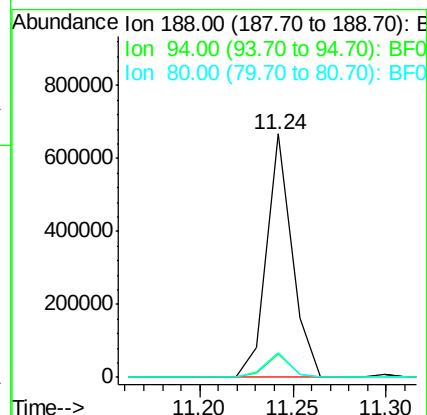
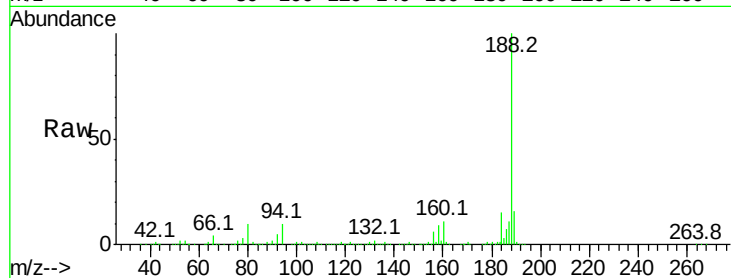
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.3	9.6	14.4

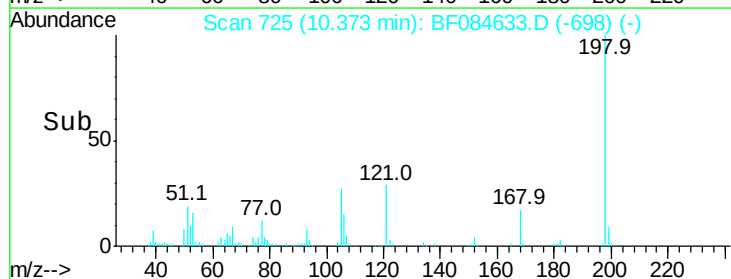
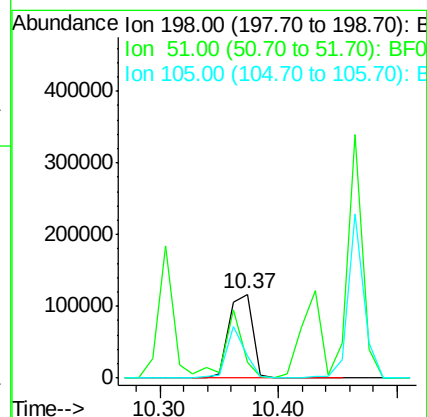
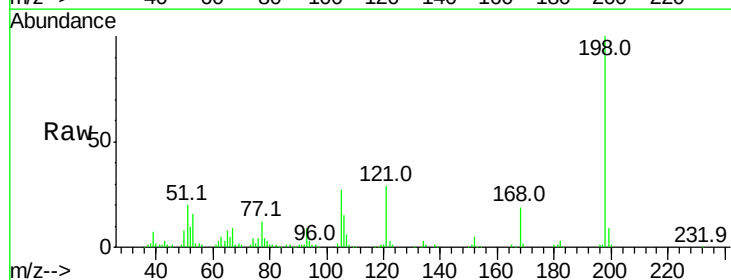
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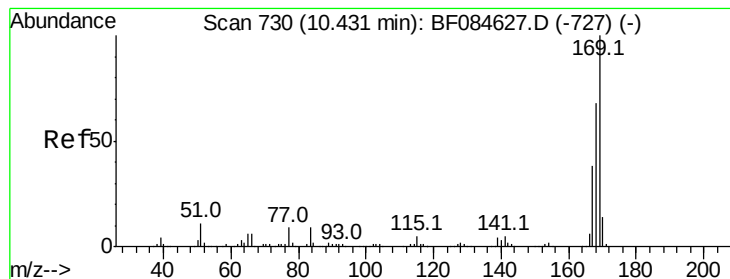
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	19.6	18.9	58.9
105	26.7	26.4	66.4





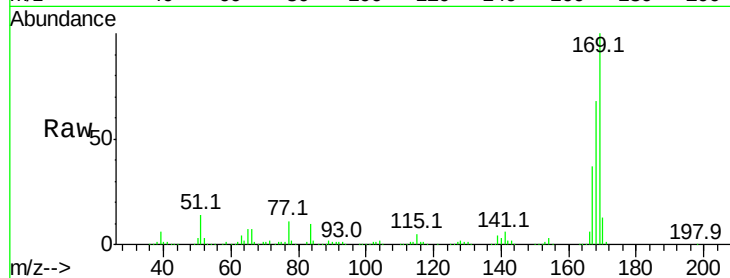
#65
 n-Nitrosodiphenylamine
 Concen: 40.16 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	817209		
168	67.5		55.1	82.7
167	37.5		30.0	45.0

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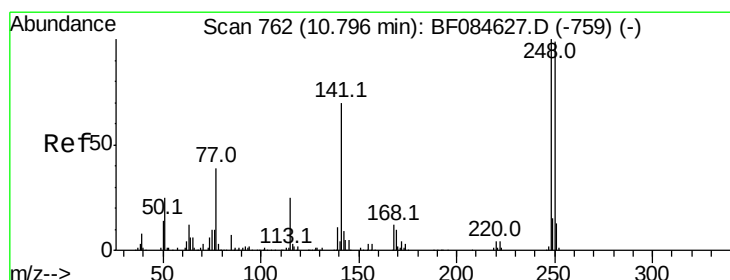
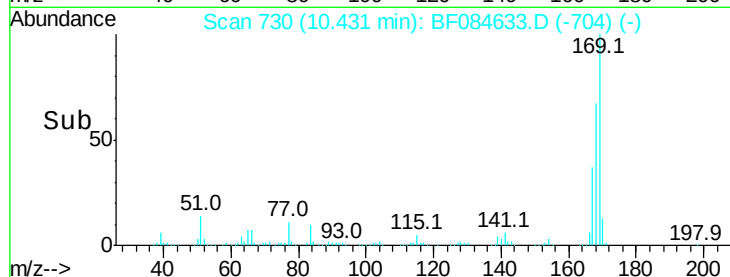
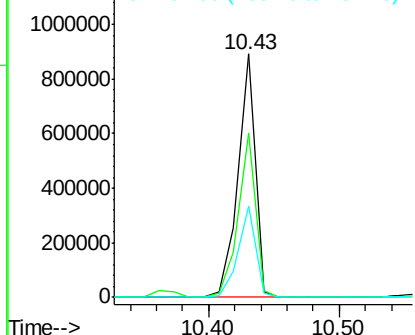


Abundance

Ion 169.00 (168.70 to 169.70): E

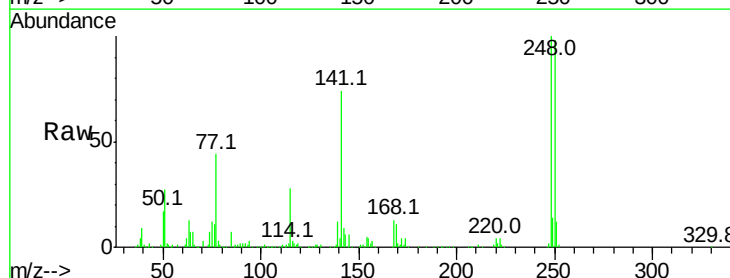
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 39.08 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276170		
250	98.5		78.4	117.6
141	74.3		44.0	66.0

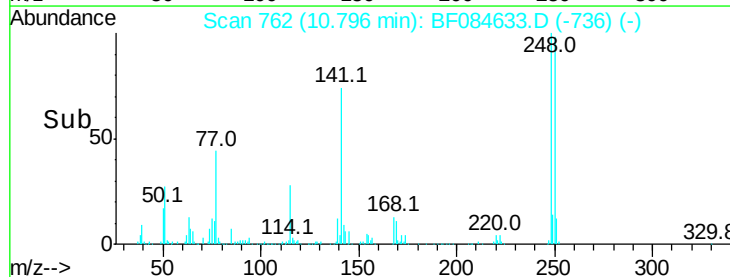
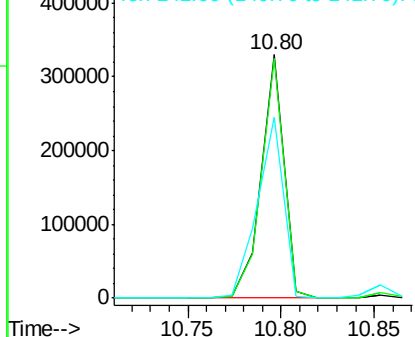


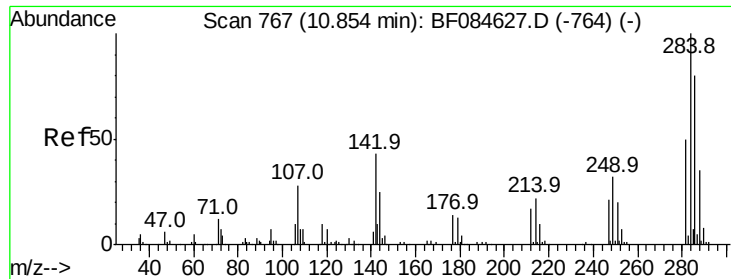
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.21 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

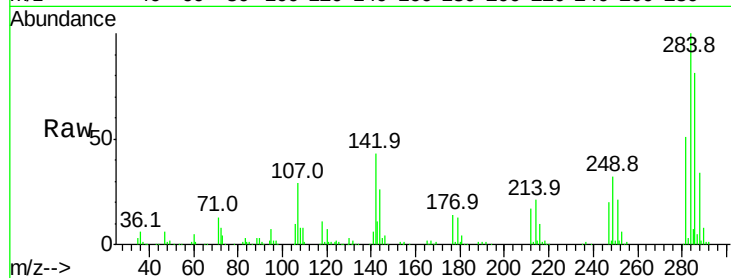
ClientSampleId :

PB88038BS

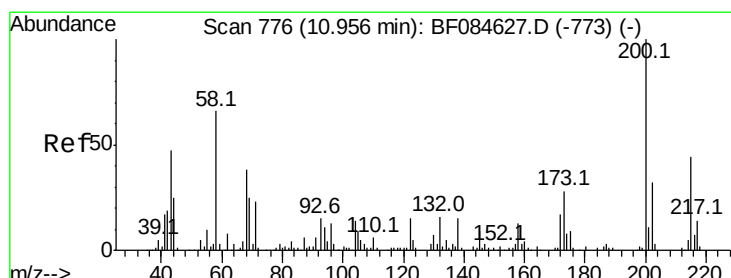
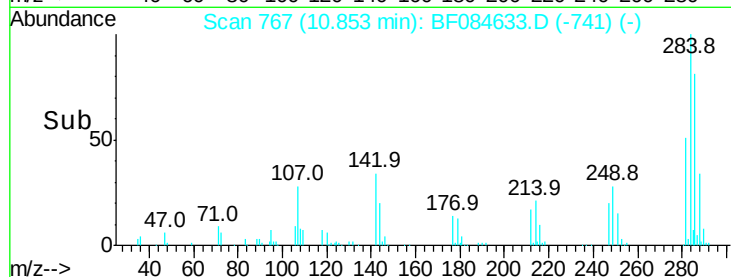
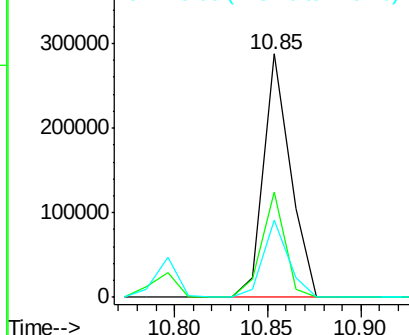
Tot Ion:	284	Resp:	286054
Ion Ratio	Lower	Upper	
284	100		
142	43.2	22.2	33.4#
249	31.9	24.6	37.0

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



#68

Atrazine

Concen: 38.85 ng

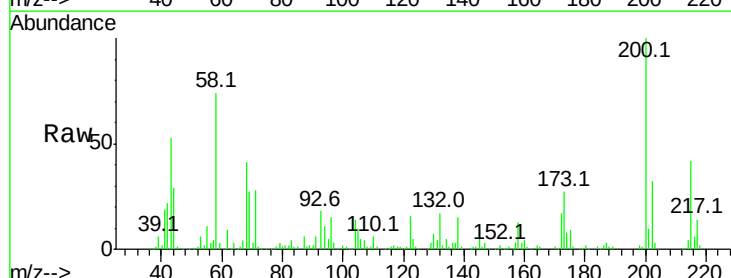
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

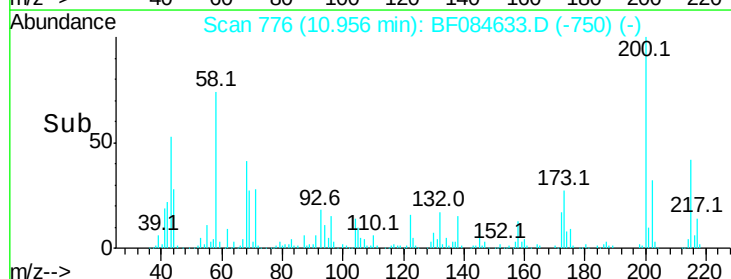
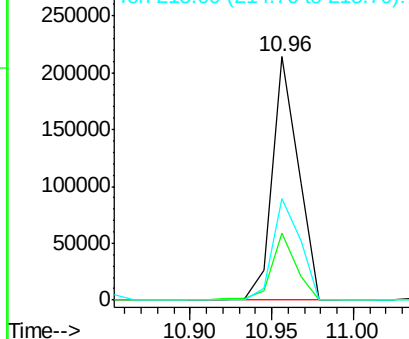
Lab File: BF084633.D

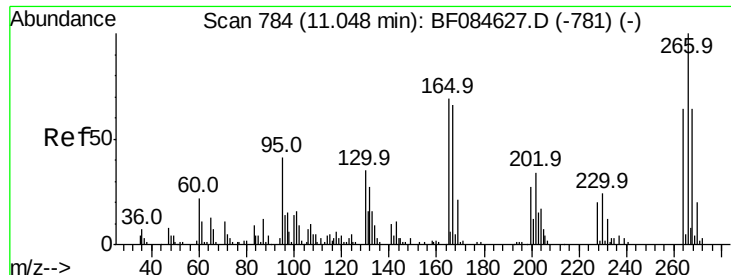
Acq: 29 Jan 2016 13:54

Tgt Ion:	200	Resp:	236818
Ion Ratio	Lower	Upper	
200	100		
173	27.5	9.5	49.5
215	41.6	23.8	63.8



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





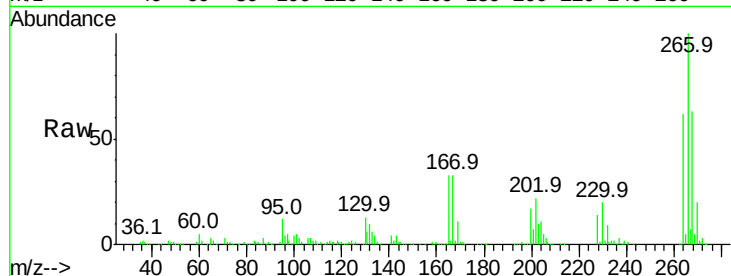
#69
 Pentachlorophenol
 Concen: 86.87 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

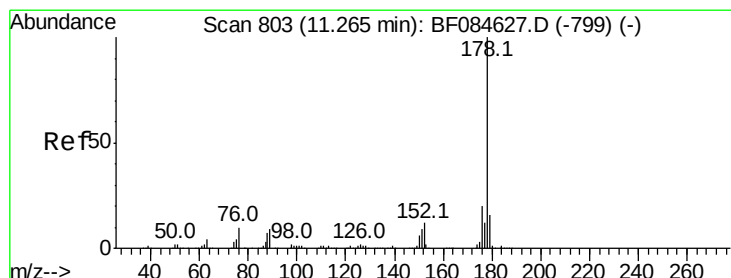
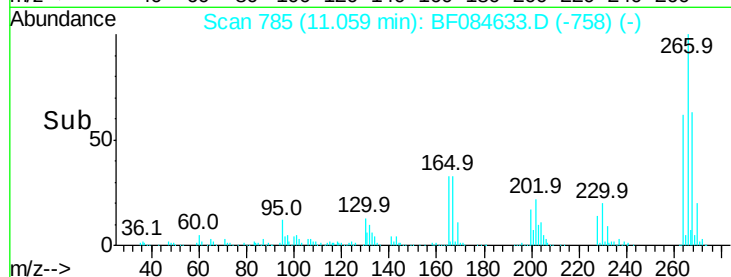
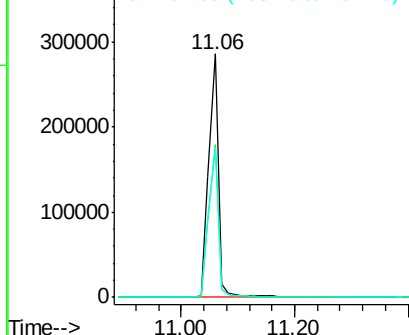
Tot Ion	Ratio	Resp	Lower	Upper
266	100	322634		
268	62.7		52.4	78.6
264	61.9		50.2	75.2

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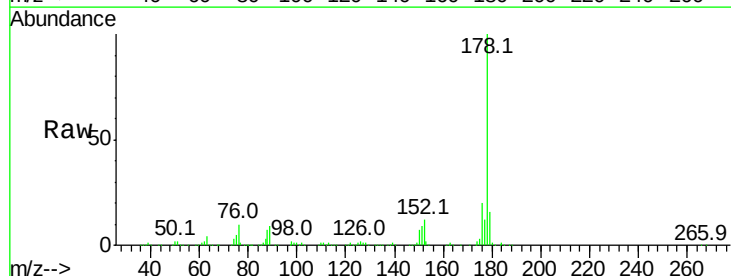


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

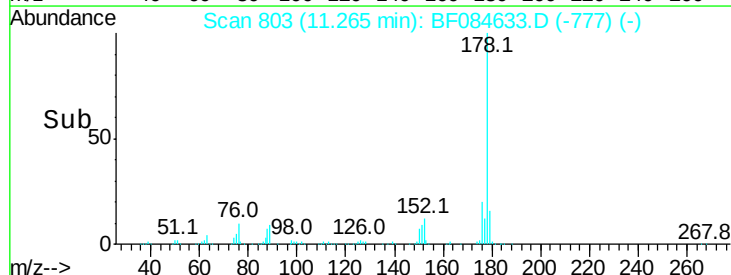
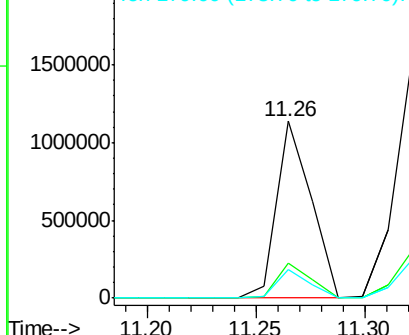


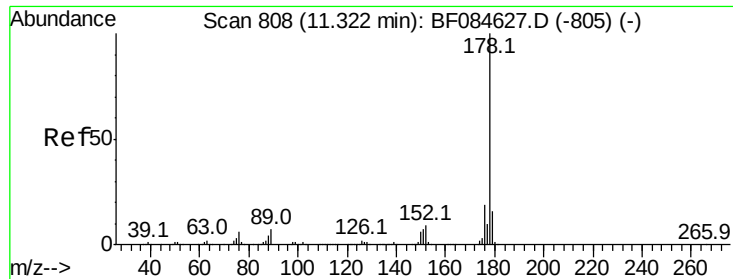
#70
 Phenanthrene
 Concen: 36.33 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1260759		
176	20.0		15.3	22.9
179	16.1		12.0	18.0



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





#71

Anthracene

Concen: 40.14 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:178 Resp: 1416317

Ion Ratio Lower Upper

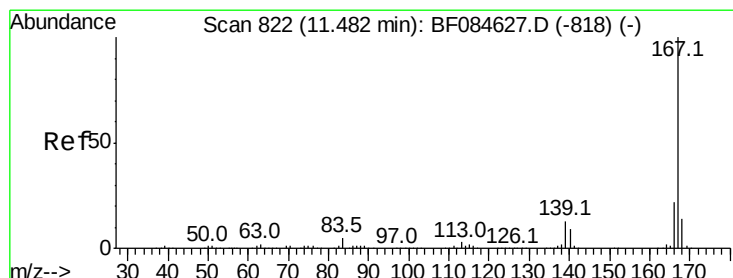
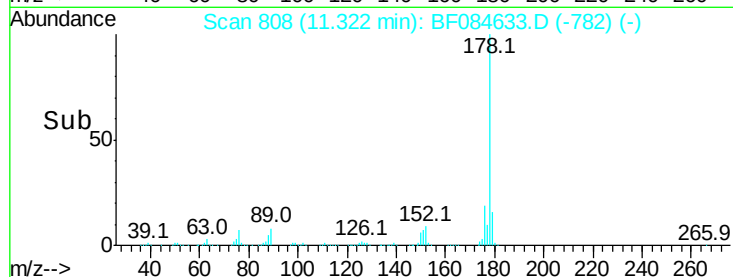
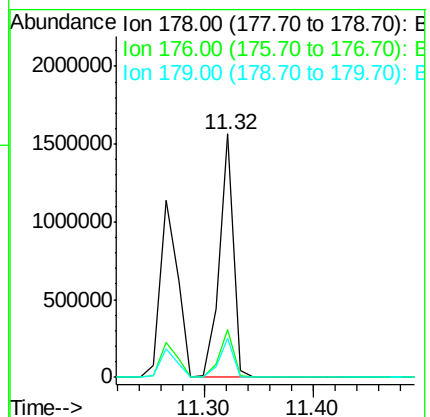
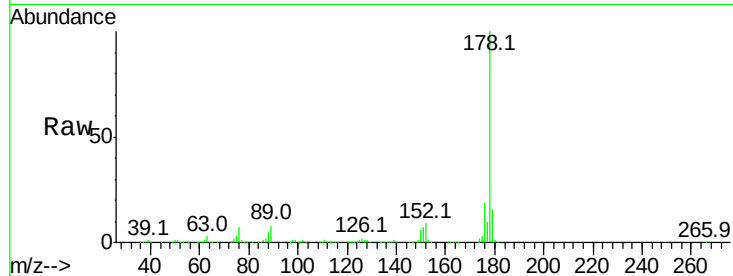
178 100

176 19.4 15.4 23.0

179 16.0 12.5 18.7

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#72

Carbazole

Concen: 42.92 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

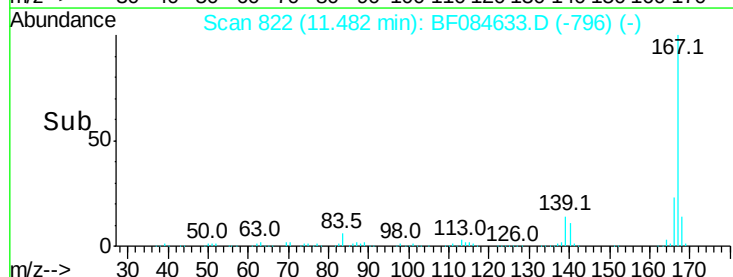
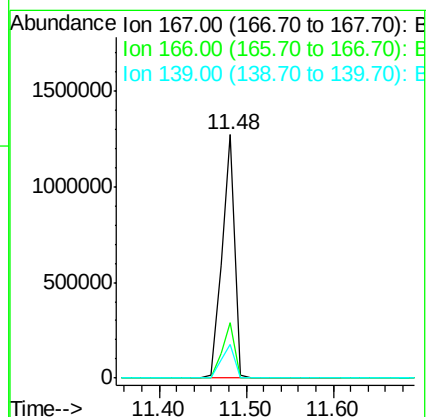
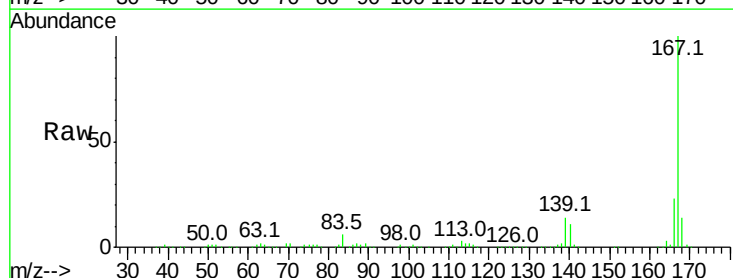
Tgt Ion:167 Resp: 1304894

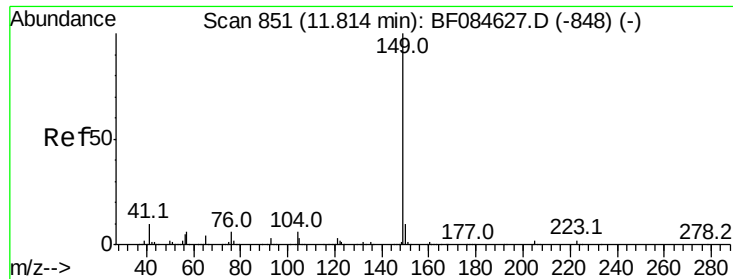
Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

139 13.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.87 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

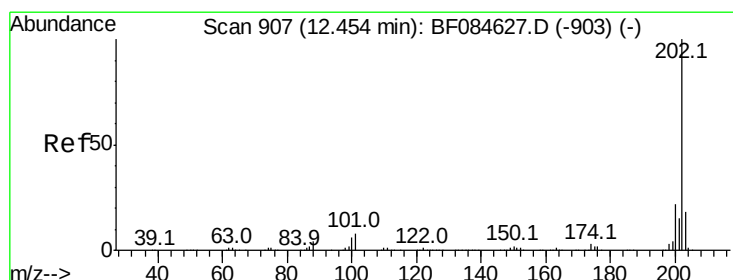
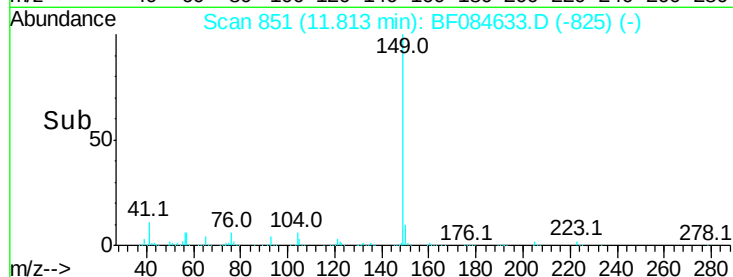
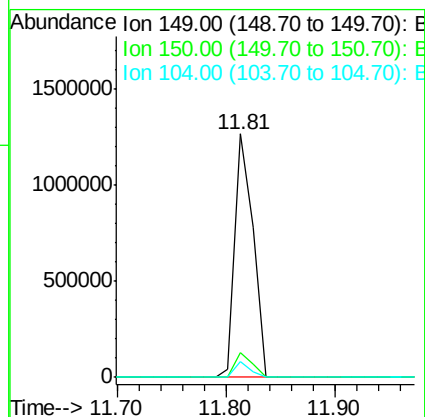
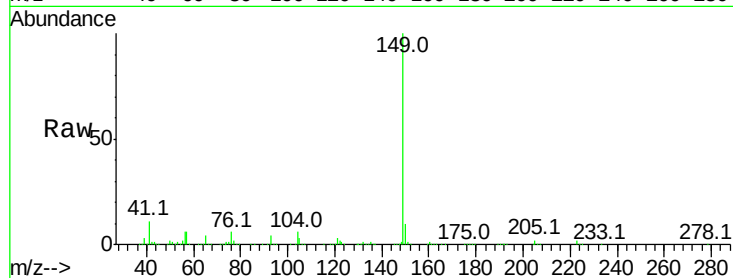
ClientSampleId :

PB88038BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	6.3	3.2	4.8



#74

Fluoranthene

Concen: 43.35 ng

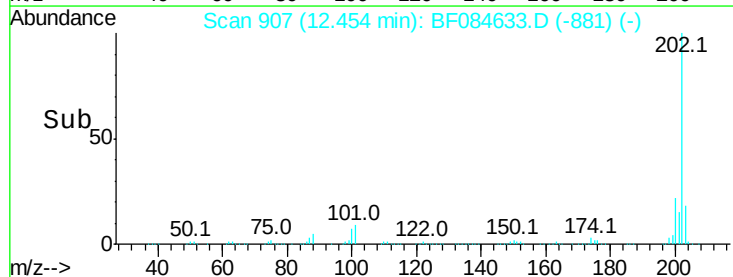
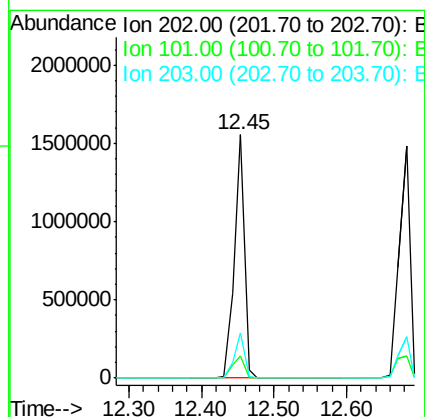
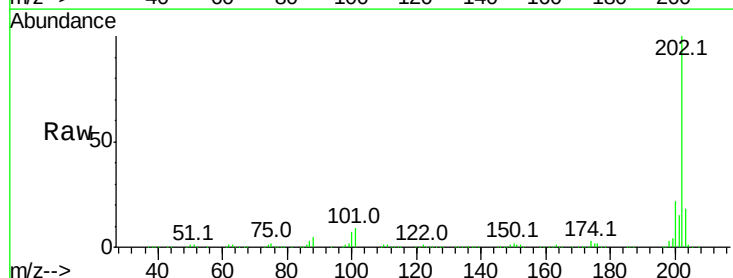
RT: 12.45 min Scan# 907

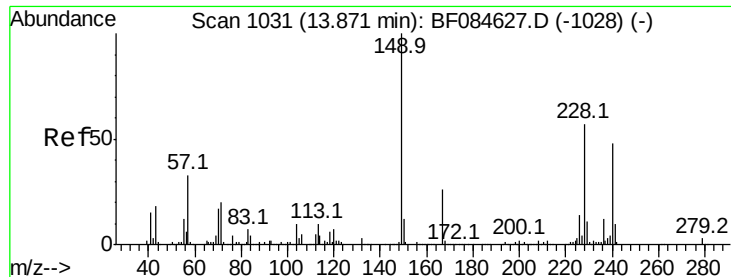
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

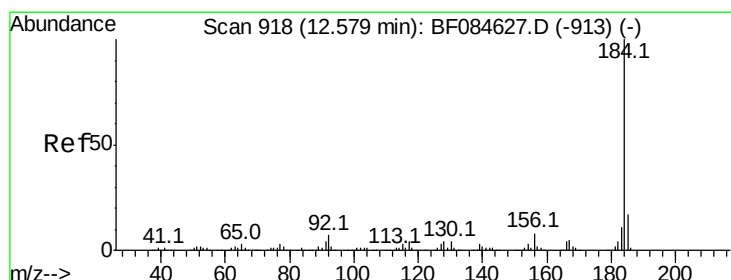
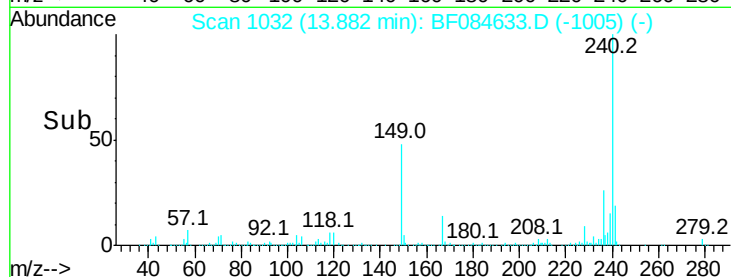
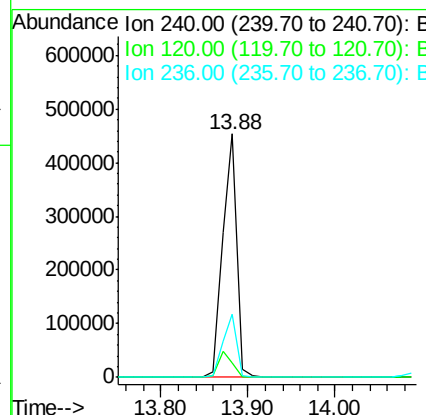
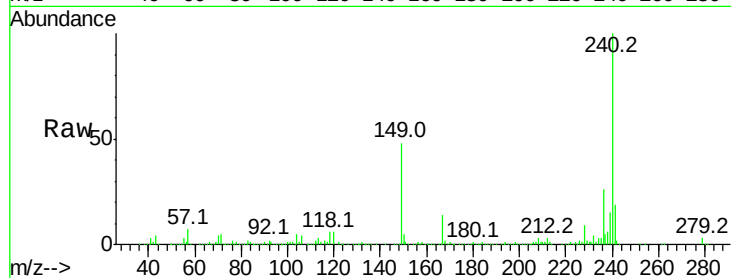
ClientSampleId :

PB88038BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	25.8	20.6	31.0

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#76

Benzidine

Concen: 17.83 ng

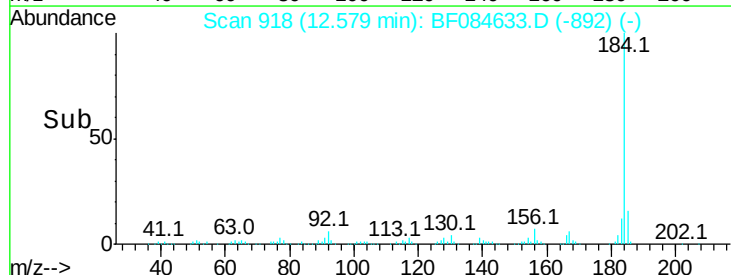
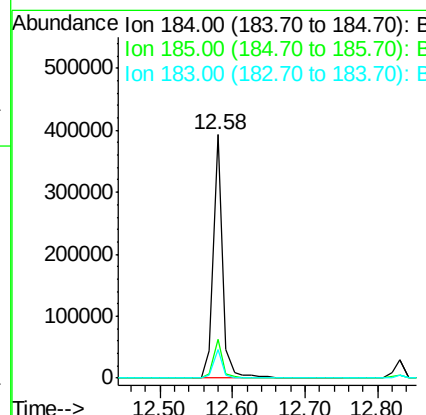
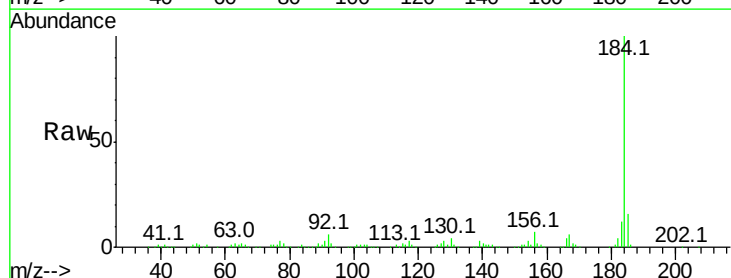
RT: 12.58 min Scan# 918

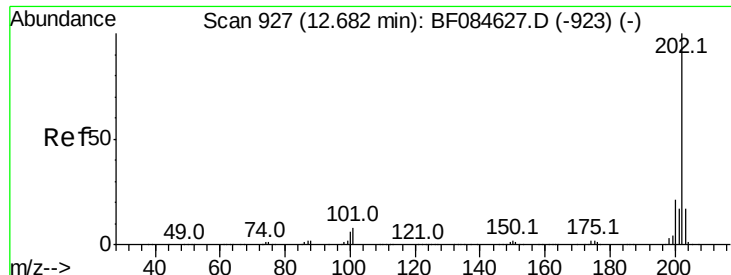
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	11.9	9.8	14.8





#77

Pvrene

Concen: 39.33 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

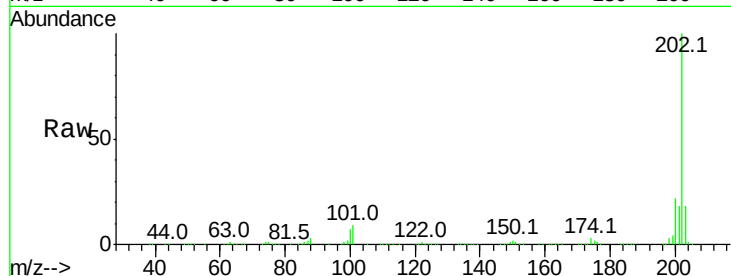
ClientSampleId :

PB88038BS

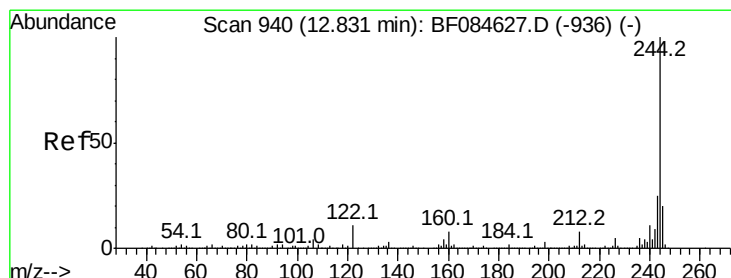
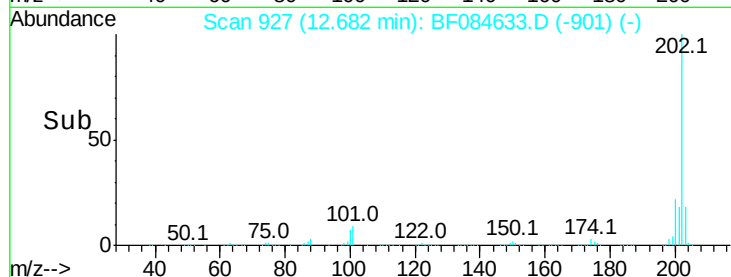
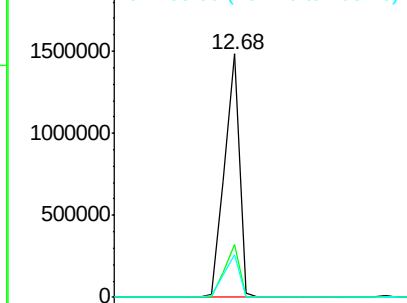
Tot Ion:	202	Resp:	1541427
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.2	25.8
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.70 ng

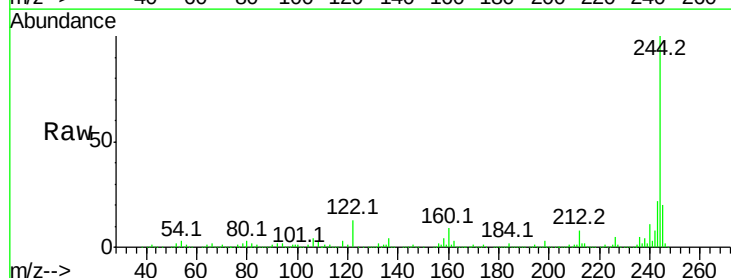
RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

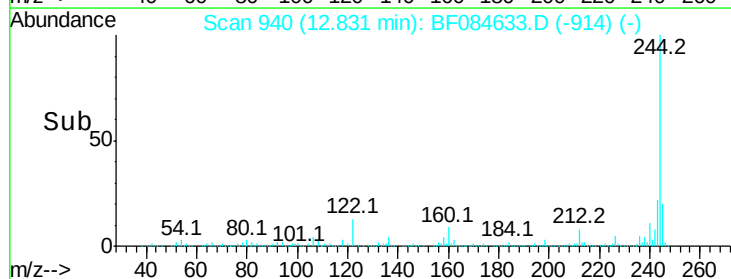
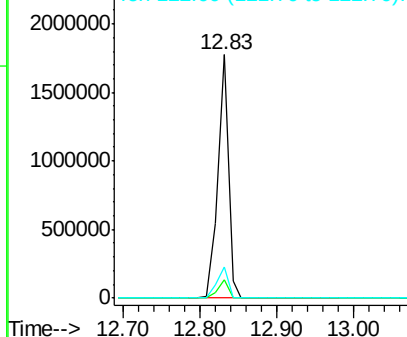
Lab File: BF084633.D

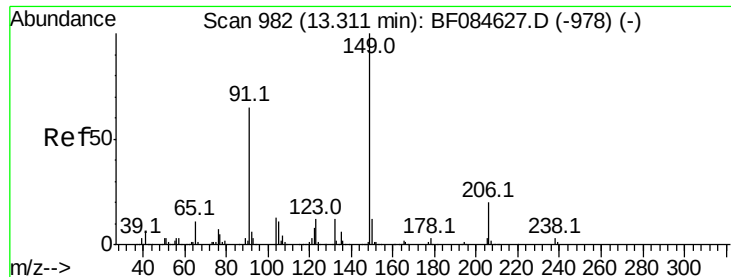
Acq: 29 Jan 2016 13:54

Tgt Ion:	244	Resp:	1695872
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	12.6	7.4	11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.50 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

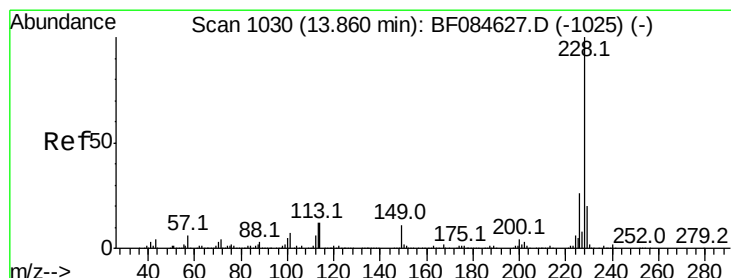
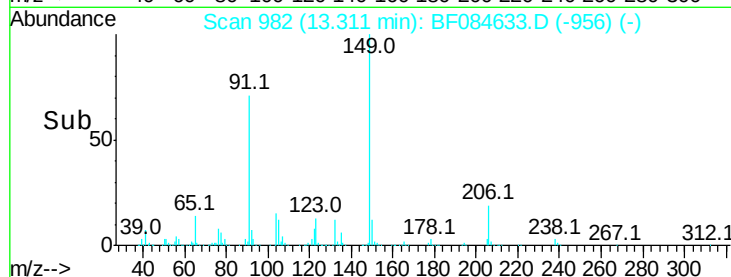
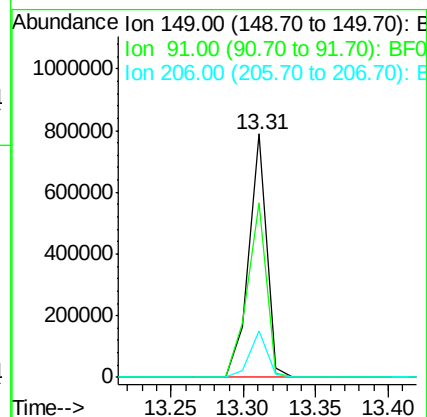
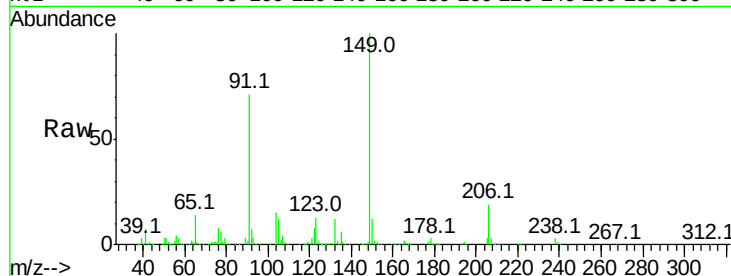
ClientSampleId :

PB88038BS

Tot Ion:	149	Resp:	678153
Ion Ratio	Lower	Upper	
149	100		
91	71.5	57.6	86.4
206	19.3	13.2	19.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 38.52 ng

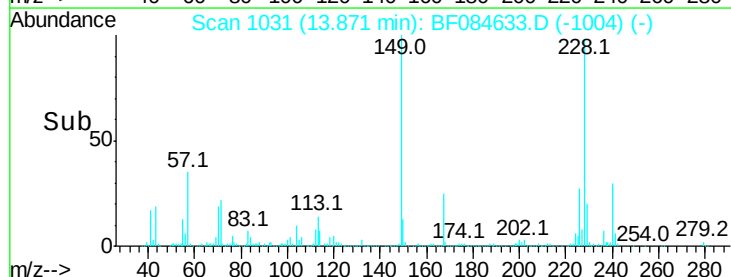
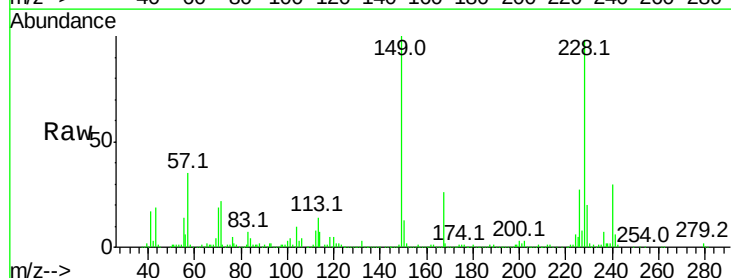
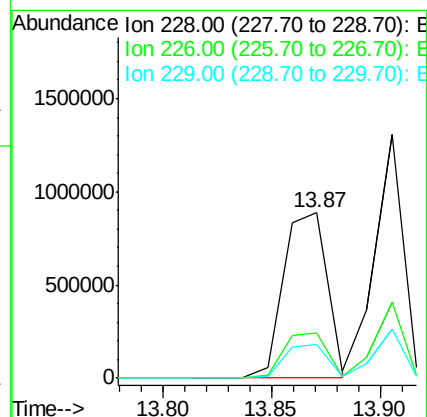
RT: 13.87 min Scan# 1031

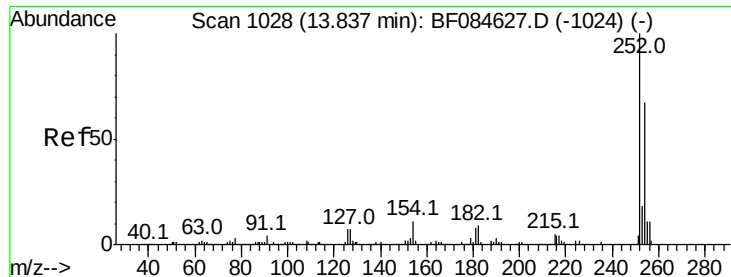
Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	228	Resp:	1247815
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.6
229	20.0	15.8	23.8





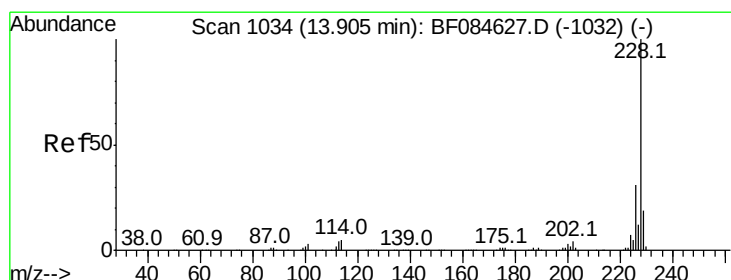
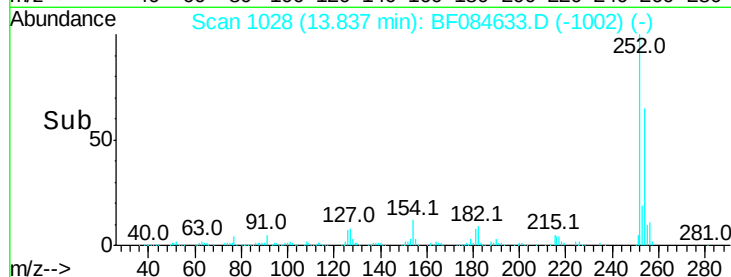
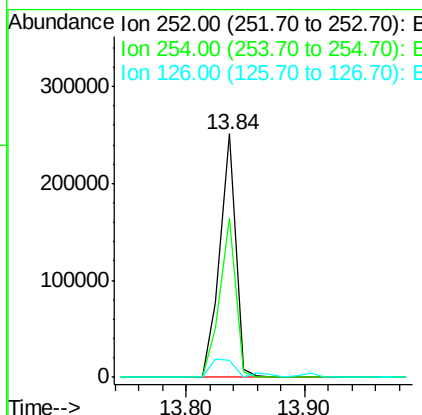
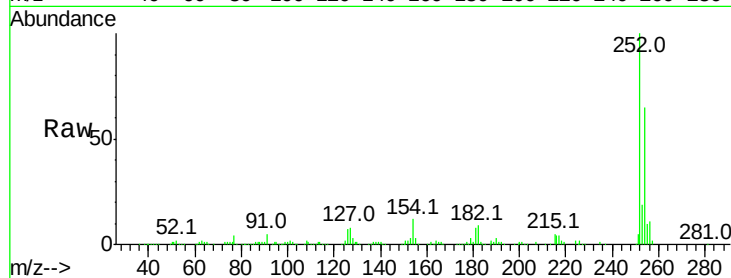
#81
 3,3'-Dichlorobenzidine
 Concen: 20.46 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	233176		
254	65.3	53.5	80.3	
126	7.2	4.9	7.3	

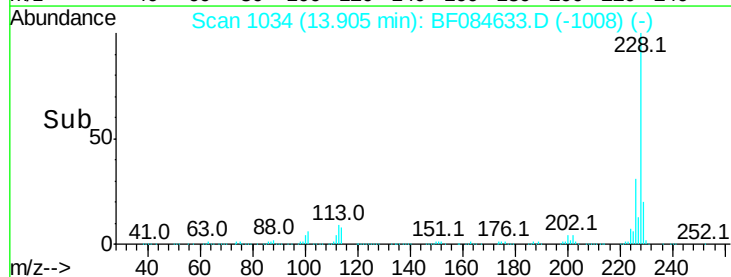
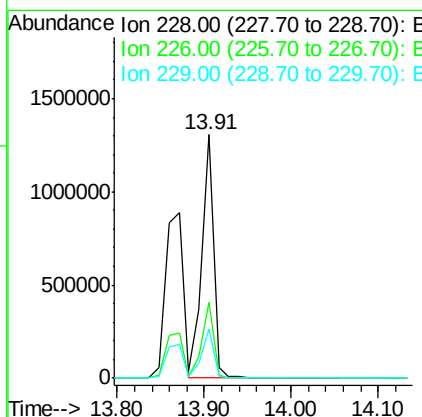
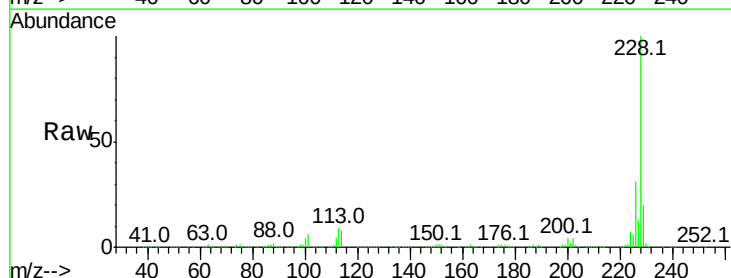
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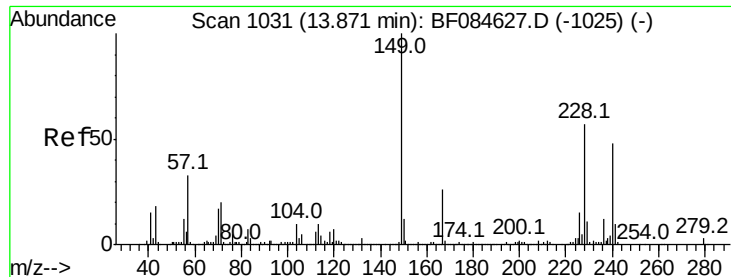
mohammad
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#82
 Chrysene
 Concen: 37.81 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1207321		
226	31.4	24.3	36.5	
229	20.4	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.36 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB88038BS

Tot Ion:149 Resp: 833177

Ion Ratio Lower Upper

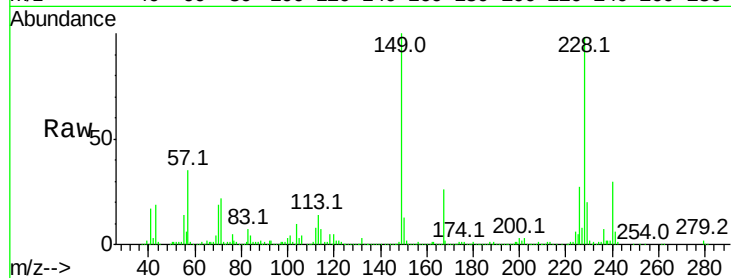
149 100

167 25.6 19.7 29.5

279 2.3 1.8 2.6

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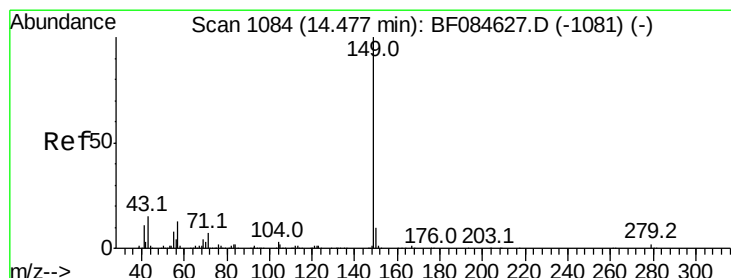
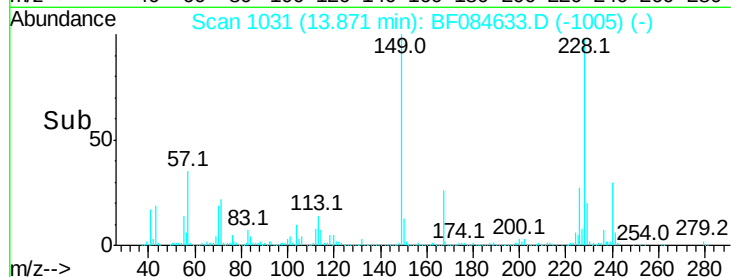
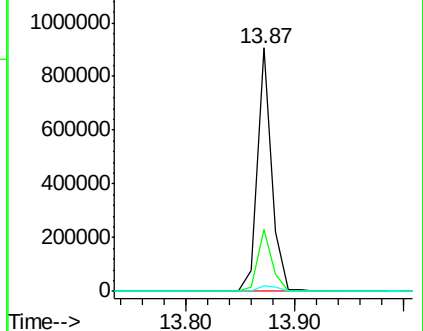
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.73 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

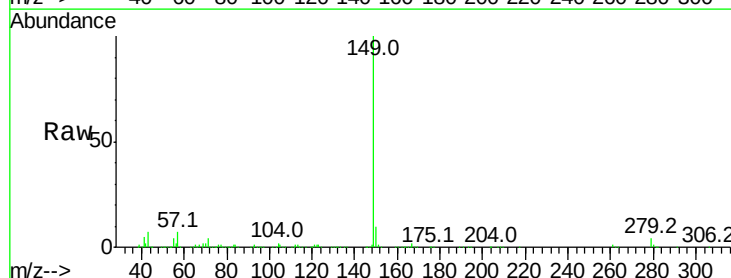
Tgt Ion:149 Resp: 1500613

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

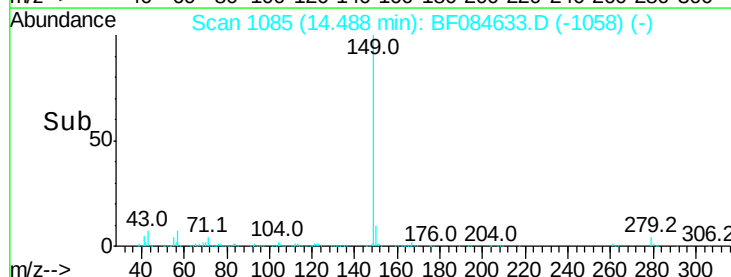
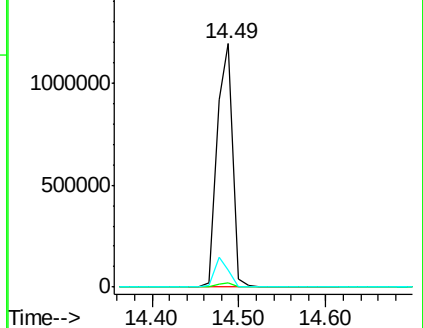
43 11.2 5.6 8.4#

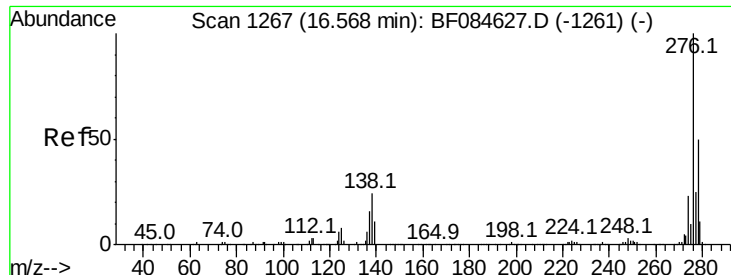


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





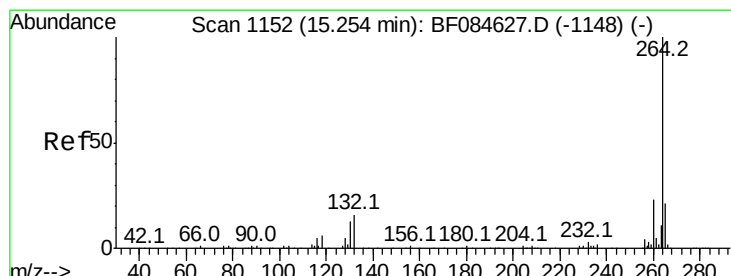
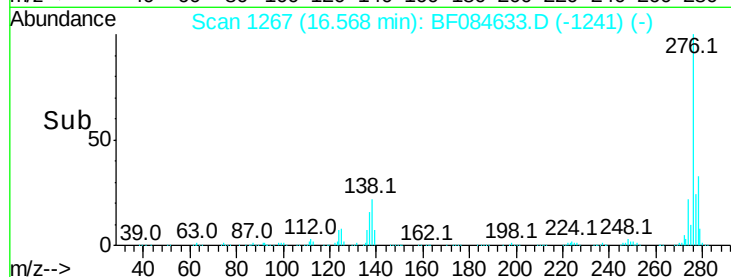
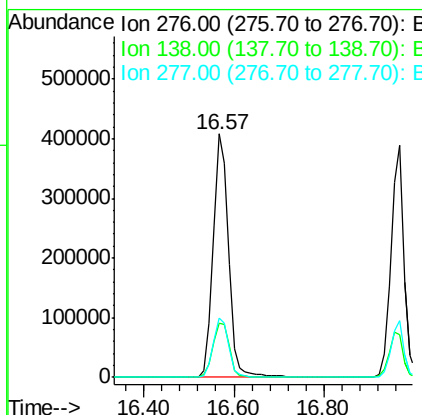
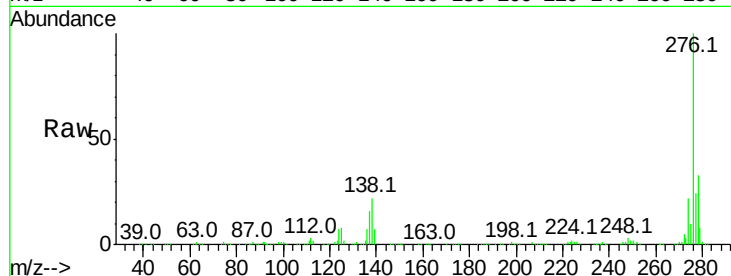
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.63 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleID :
PB88038BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	977665		
138	24.2	20.6	30.8	
277	24.8	20.1	30.1	

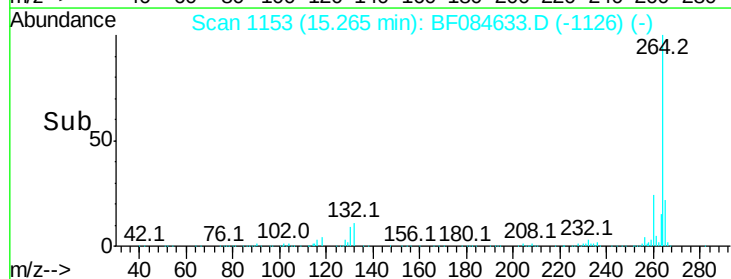
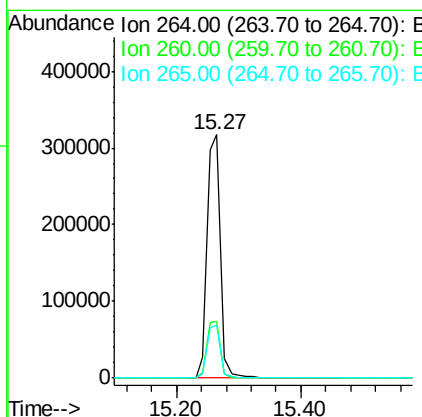
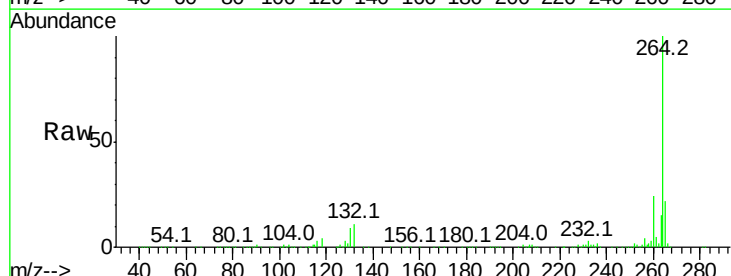
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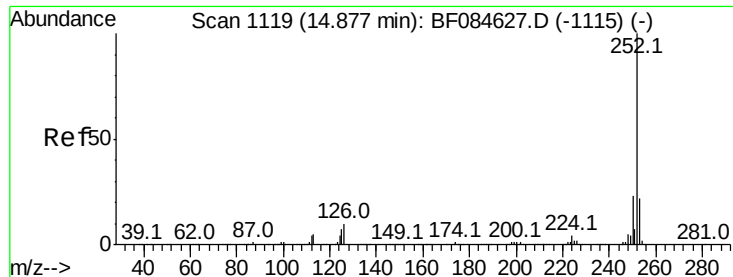
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	471938		
260	23.5	19.4	29.2	
265	21.7	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 36.70 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Instrument :

BNA_F

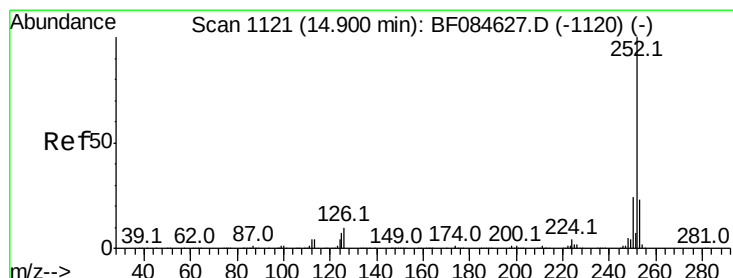
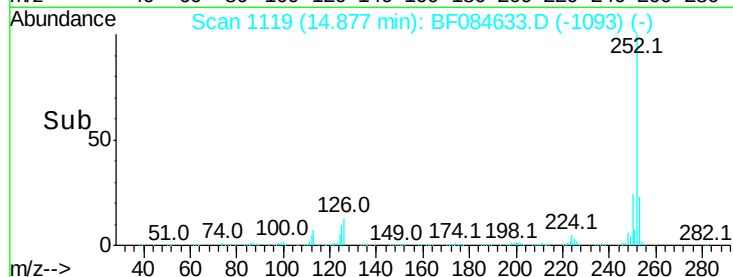
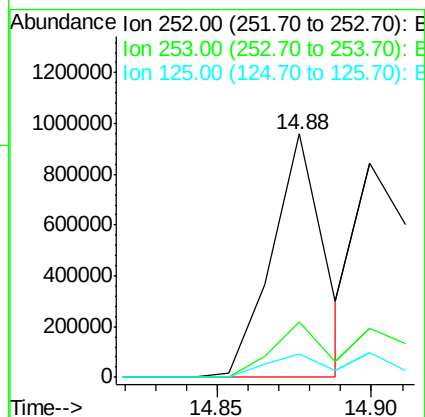
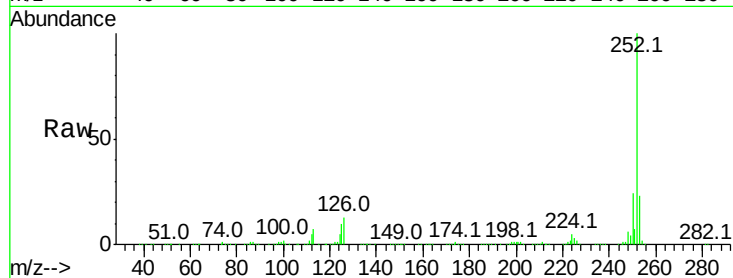
ClientSampleId :

PB88038BS

Tot Ion:	252	Resp:	1121455
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	9.6	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 41.43 ng m

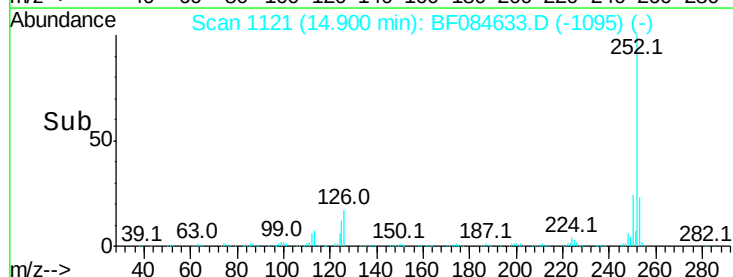
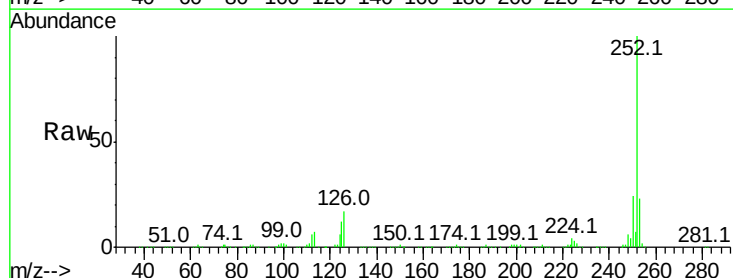
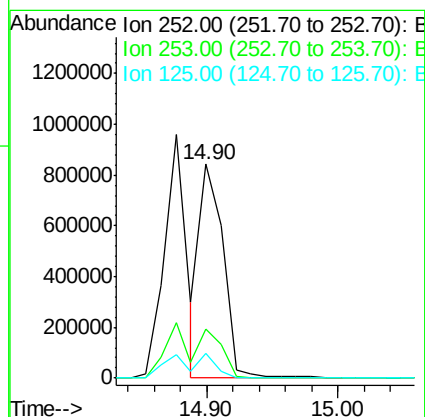
RT: 14.90 min Scan# 1121

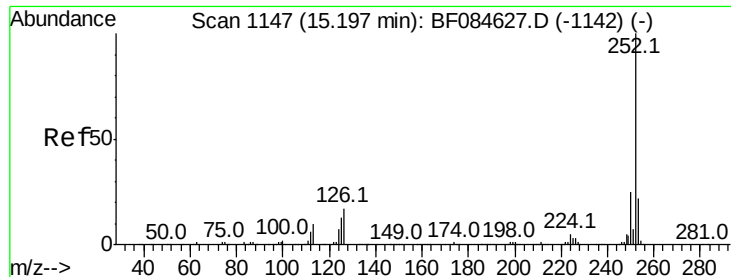
Delta R.T. -0.00 min

Lab File: BF084633.D

Acq: 29 Jan 2016 13:54

Tgt Ion:	252	Resp:	1045697
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	11.9	9.0	13.6





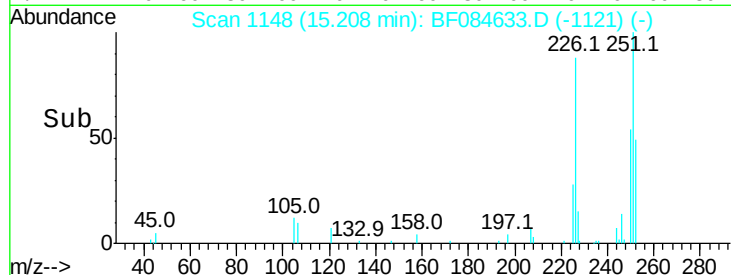
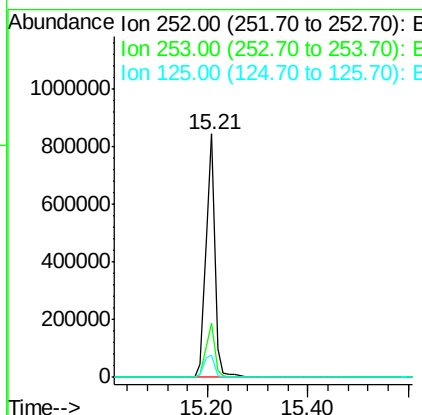
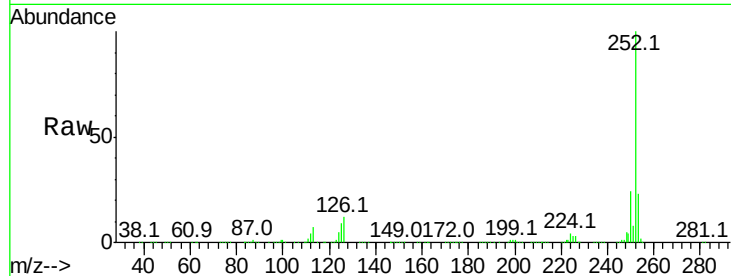
#89
Benzo(a)pyrene
Concen: 39.60 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.1	7.0	10.4

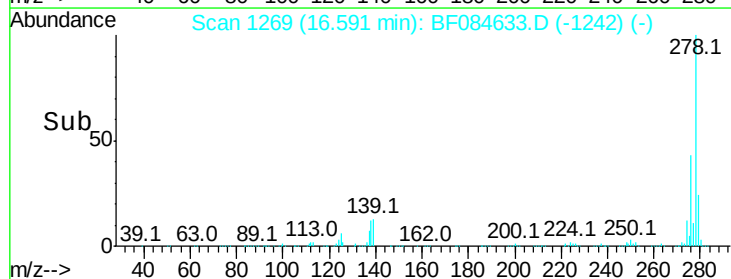
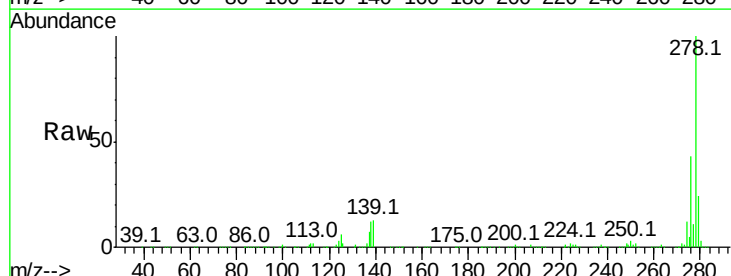
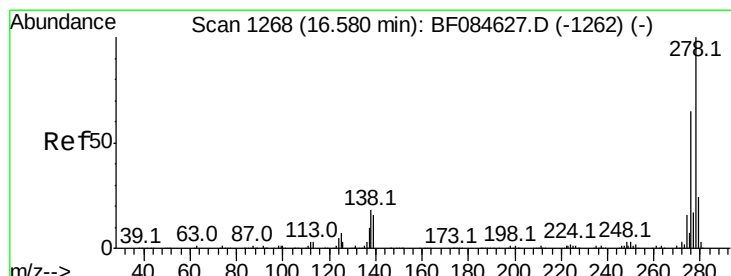
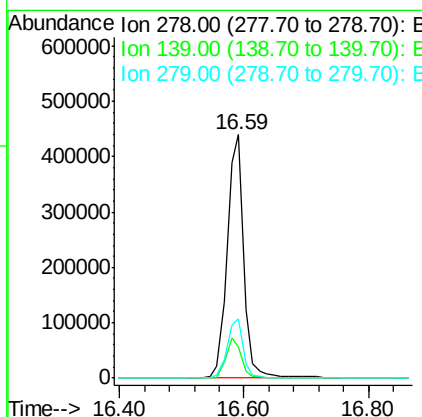
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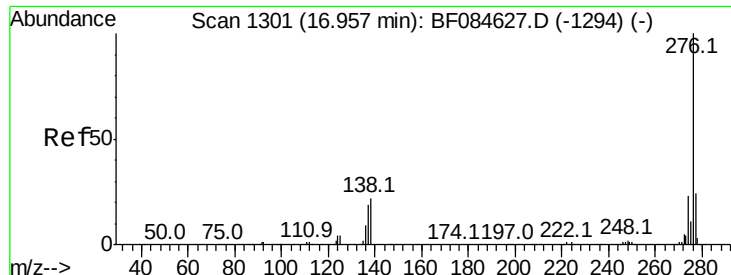
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 34.21 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF084633.D
Acq: 29 Jan 2016 13:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.0	22.4#
279	24.2	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 32.76 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084633.D
 Acq: 29 Jan 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.3	18.8	28.2
138	18.6	17.8	26.6

Manual Integrations
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