

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080599.D
 Acq On : 23 Jul 2015 18:45
 Operator : TP/UM
 Sample : PB84631BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Manual Integrations
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 7/24/2015 4:47:04 PM

Quant Time: Jul 24 00:48:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 19:10:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	39668	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153811	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68581	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	117365	20.00	ng	0.00
75) Chrysene-d12	14.26	240	100046	20.00	ng	-0.05
86) Perylene-d12	15.91	264	70453	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	178550	77.74	ng	0.01
7) Phenol-d6	6.56	99	229992	81.92	ng	0.00
23) Nitrobenzene-d5	7.50	82	218882	80.63	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	42101	77.47	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	372399	78.79	ng	0.00
78) Terphenyl-d14	13.09	244	324505	67.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	32818	29.99	ng	# 100
3) Pyridine	3.29	79	79022	27.18	ng	93
4) n-Nitrosodimethylamine	3.20	42	64407	35.05	ng	# 98
6) Aniline	6.60	93	47160	11.49	ng	98
8) 2-Chlorophenol	6.73	128	93300	37.82	ng	97
9) Benzaldehyde	6.49	77	29106	14.02	ng	96
10) Phenol	6.57	94	128487	38.25	ng	94
11) bis(2-Chloroethyl)ether	6.67	93	88428	37.91	ng	96
12) 1,3-Dichlorobenzene	6.89	146	110685	35.39	ng	99
13) 1,4-Dichlorobenzene	6.97	146	107897	35.15	ng	99
14) 1,2-Dichlorobenzene	7.12	146	105970	37.24	ng	98
15) Benzyl Alcohol	7.08	79	94845	38.33	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	180744	38.23	ng	98
17) 2-Methylphenol	7.18	107	72087	37.08	ng	94
18) Hexachloroethane	7.47	117	38418	36.19	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	67269	35.36	ng	97
20) 3+4-Methylphenols	7.34	107	98758	36.74	ng	# 88
22) Acetophenone	7.36	105	139579	37.26	ng	100
24) Nitrobenzene	7.53	77	108927	37.54	ng	98
25) Isophorone	7.77	82	192767	38.34	ng	99
26) 2-Nitrophenol	7.85	139	37822	36.48	ng	# 90
27) 2,4-Dimethylphenol	7.88	122	84960	37.10	ng	92
28) bis(2-Chloroethoxy)methane	7.98	93	101019	36.36	ng	99
29) 2,4-Dichlorophenol	8.09	162	68911	36.79	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	88645	36.40	ng	98
31) Naphthalene	8.26	128	284787	37.01	ng	100
32) Benzoic acid	7.94	122	37662m	37.14	ng	
33) 4-Chloroaniline	8.30	127	25501	8.45	ng	96
34) Hexachlorobutadiene	8.38	225	53498	37.68	ng	93
35) Caprolactam	8.64	113	19381	38.43	ng	# 71
36) 4-Chloro-3-methylphenol	8.77	107	88740	39.83	ng	98
37) 2-Methylnaphthalene	8.94	142	159462	37.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	86602	37.34	ng	98
40) Hexachlorocyclopentadiene	9.10	237	104664	85.70	ng	98

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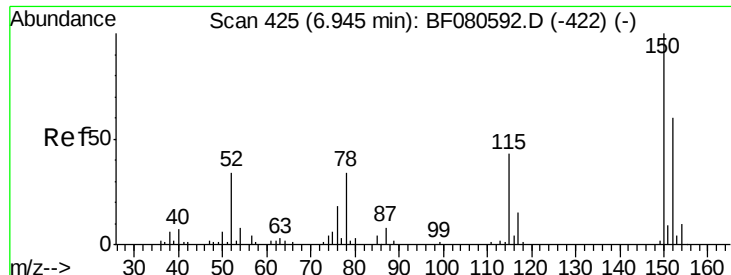
Manual Integrations
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Quant Time: Jul 24 00:48:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	45477	34.96	ng	97
43) 2,4,5-Trichlorophenol	9.25	196	52439	39.94	ng	96
45) 1,1'-Biphenyl	9.41	154	219296	39.28	ng	100
46) 2-Chloronaphthalene	9.44	162	172040	38.09	ng	96
47) 2-Nitroaniline	9.53	65	50794	36.88	ng	90
48) Acenaphthylene	9.86	152	250733	37.48	ng	99
49) Dimethylphthalate	9.71	163	200810	39.80	ng	98
50) 2,6-Dinitrotoluene	9.77	165	39270	41.61	ng	99
51) Acenaphthene	10.03	154	166370	41.40	ng	96
52) 3-Nitroaniline	9.93	138	16391	15.97	ng	# 47
53) 2,4-Dinitrophenol	10.04	184	23516	71.75	ng	# 71
54) Dibenzofuran	10.20	168	221547	38.14	ng	99
55) 4-Nitrophenol	10.08	139	55224	74.48	ng	# 82
56) 2,4-Dinitrotoluene	10.17	165	50867	43.03	ng	# 92
57) Fluorene	10.54	166	176927	37.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	41875	40.99	ng	# 95
59) Diethylphthalate	10.41	149	178070	37.81	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	79999	38.20	ng	99
61) 4-Nitroaniline	10.54	138	30400	29.41	ng	90
62) Azobenzene	10.69	77	189852	38.49	ng	97
64) 4,6-Dinitro-2-methylphenol	10.58	198	15765	42.77	ng	# 76
65) n-Nitrosodiphenylamine	10.65	169	163122	42.36	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	48122	40.34	ng	89
67) Hexachlorobenzene	11.09	284	51507	38.24	ng	# 93
68) Atrazine	11.17	200	48754	46.08	ng	97
69) Pentachlorophenol	11.28	266	52447	83.44	ng	96
70) Phenanthrene	11.50	178	266671	40.25	ng	99
71) Anthracene	11.55	178	253949	40.93	ng	99
72) Carbazole	11.71	167	207972	38.77	ng	99
73) Di-n-butylphthalate	12.04	149	233618	37.47	ng	# 96
74) Fluoranthene	12.71	202	247928	41.82	ng	97
76) Benzidine	12.83	184	37497	12.75	ng	99
77) Pyrene	12.95	202	263701	39.29	ng	98
79) Butylbenzylphthalate	13.62	149	88822	38.07	ng	93
80) Benzo(a)anthracene	14.25	228	223093	39.55	ng	99
81) 3,3'-Dichlorobenzidine	14.21	252	19644	12.18	ng	# 84
82) Chrysene	14.29	228	208939	37.23	ng	98
83) Bis(2-ethylhexyl)phthalate	14.26	149	122823	37.43	ng	# 96
84) Di-n-octyl phthalate	15.00	149	176674	39.61	ng	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	156753	36.92	ng	97
87) Benzo(b)fluoranthene	15.46	252	182312	42.54	ng	# 96
88) Benzo(k)fluoranthene	15.49	252	159044m	37.29	ng	
89) Benzo(a)pyrene	15.85	252	156492	41.17	ng	# 90
90) Dibenzo(a,h)anthracene	17.44	278	133321	37.13	ng	99
91) Benzo(g,h,i)perylene	17.86	276	134694	36.73	ng	95

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



#1

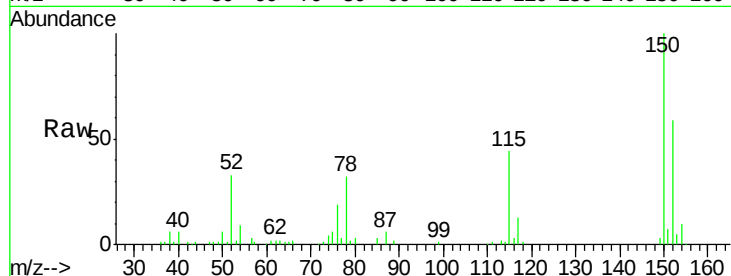
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampled :
PB84631BS

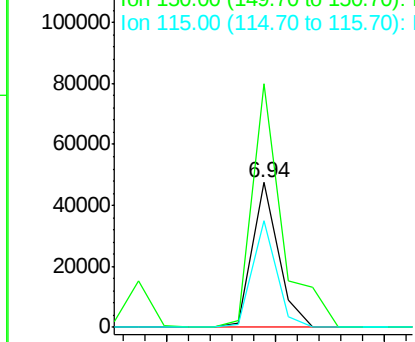
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.3	128.7	193.1
115	73.7	56.8	85.2

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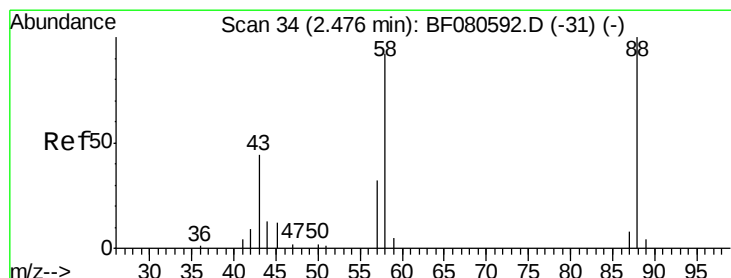
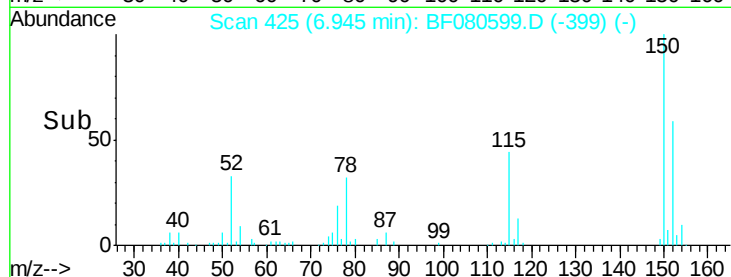
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->

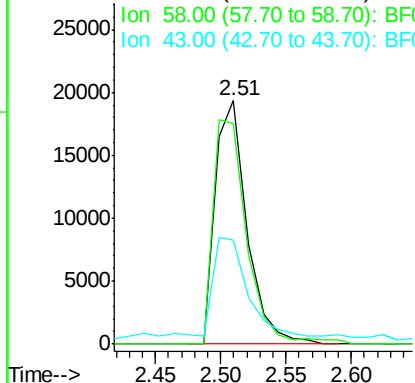


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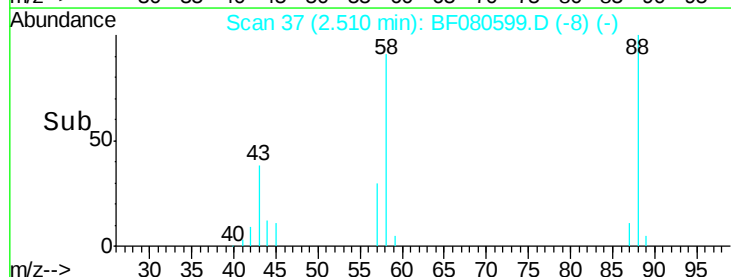
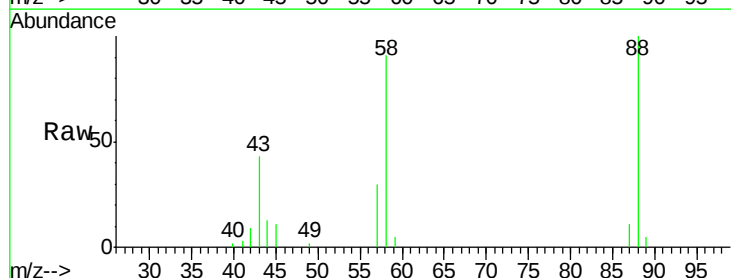
1,4-Dioxane
Concen: 29.99 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.03 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

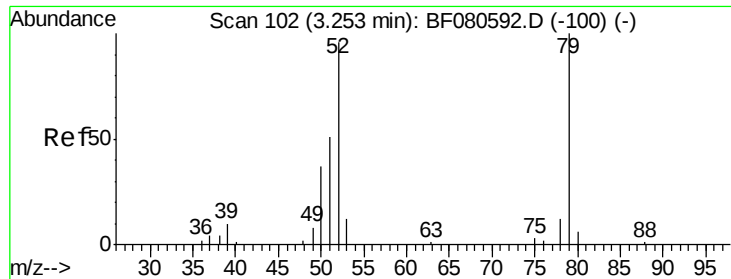
Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	0.0	0.0#
43	49.5	0.0	0.0#

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



Time-->





#3

Pyridine

Concen: 27.18 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

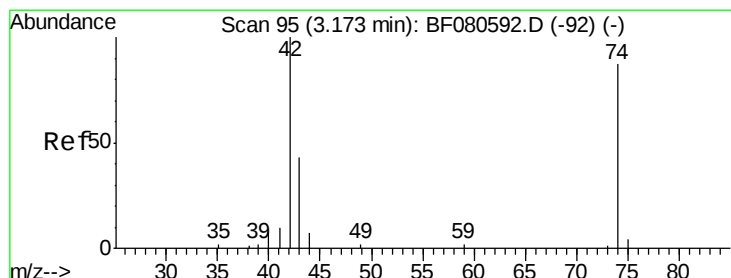
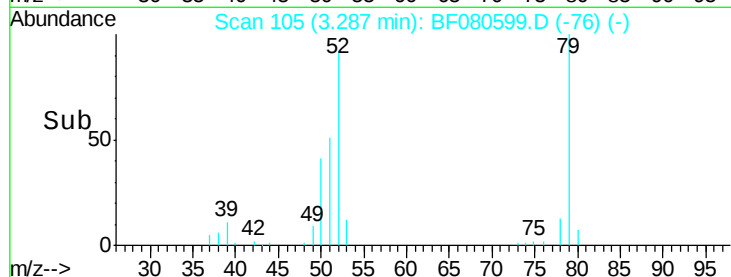
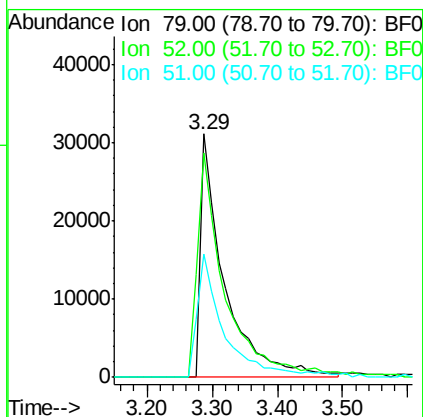
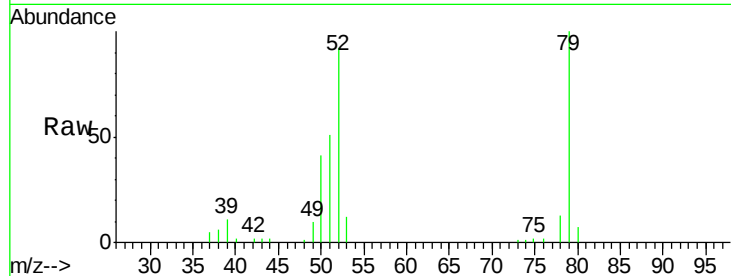
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	92.0	79.6	119.4
51	50.7	44.5	66.7



#4

n-Nitrosodimethylamine

Concen: 35.05 ng

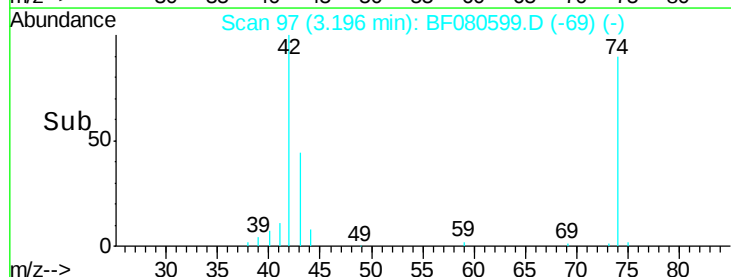
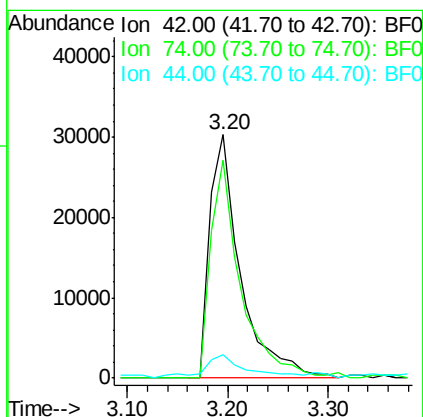
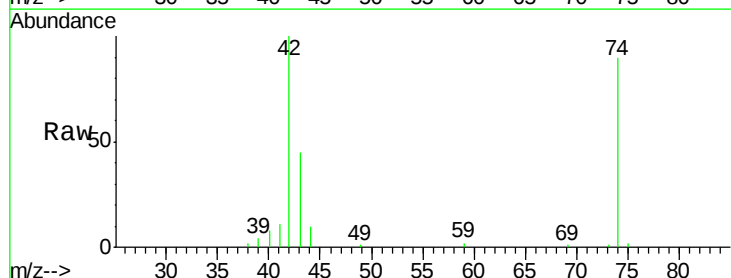
RT: 3.20 min Scan# 97

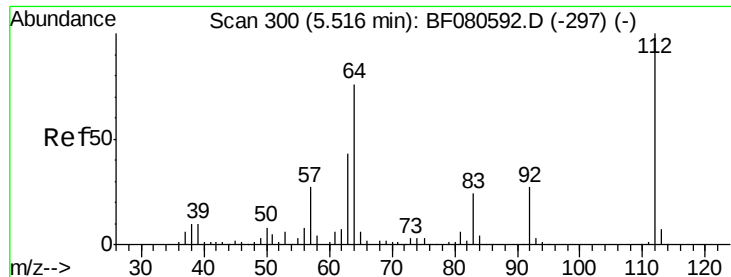
Delta R.T. 0.02 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.8	72.6	108.8
44	9.7	10.4	15.6





#5

2-Fluorophenol

Concen: 77.74 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

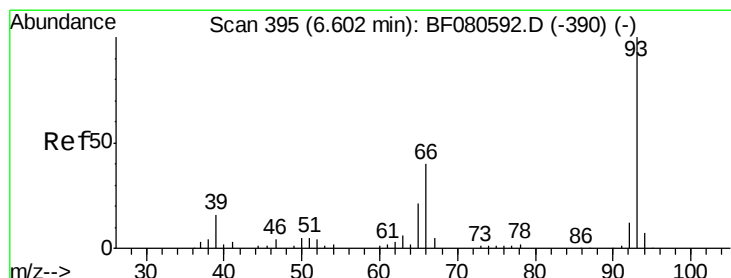
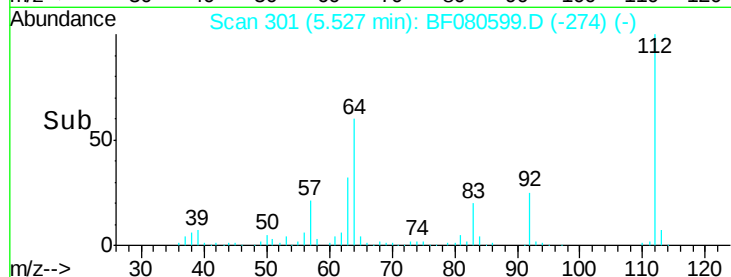
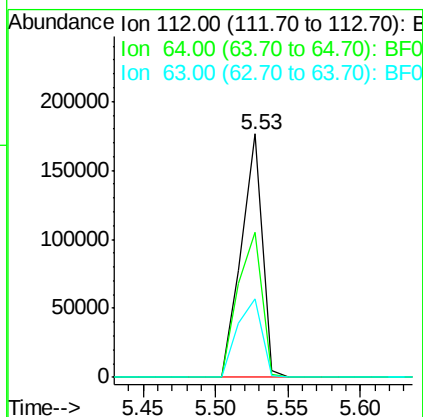
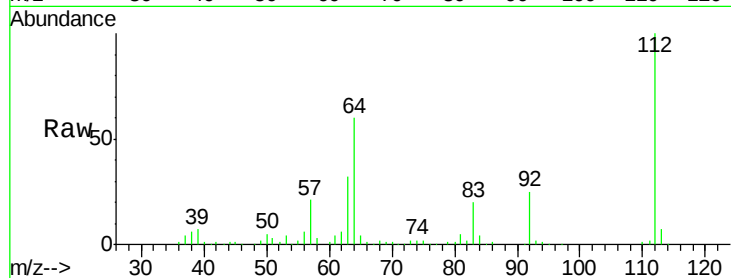
ClientSampleId :

PB84631BS

Tgt Ion:	112	Resp:	178550
Ion Ratio	Lower	Upper	
112	100		
64	59.6	60.2	90.2#
63	32.5	34.8	52.2#

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#6

Aniline

Concen: 11.49 ng

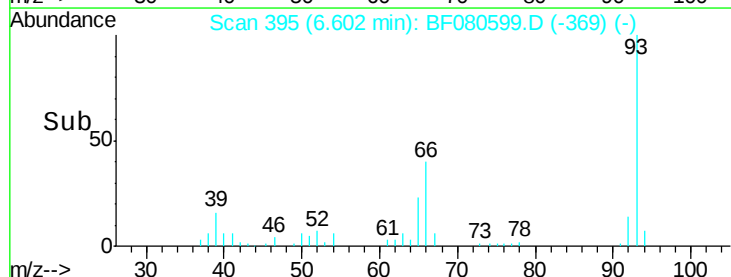
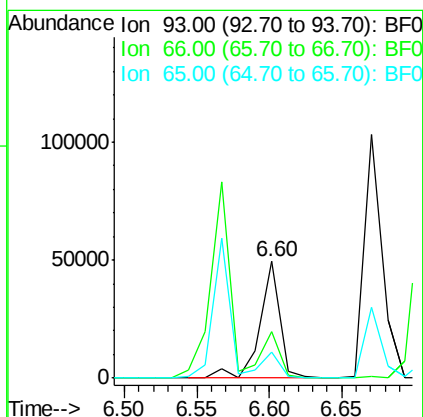
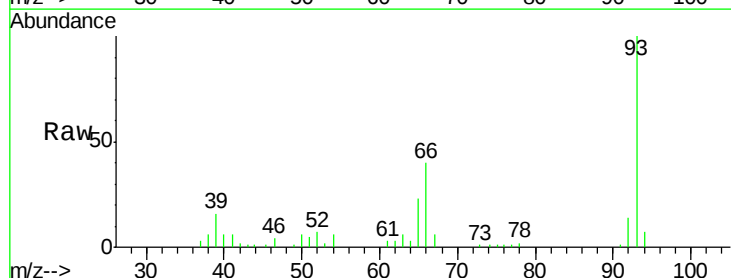
RT: 6.60 min Scan# 395

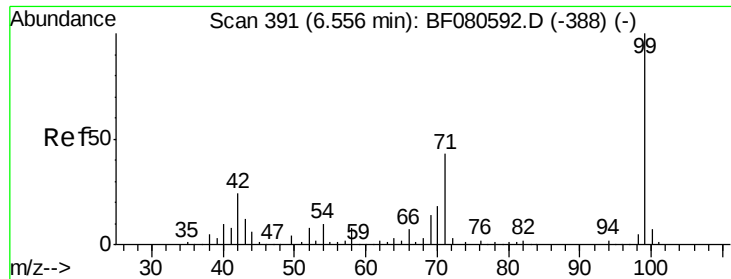
Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	93	Resp:	47160
Ion Ratio	Lower	Upper	
93	100		
66	40.3	33.1	49.7
65	22.5	17.2	25.8





#7

Phenol-d6

Concen: 81.92 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

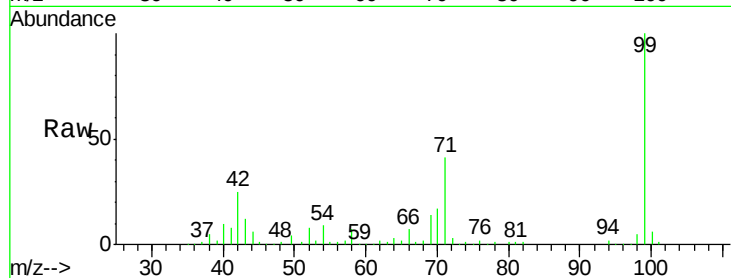
ClientSampleId :

PB84631BS

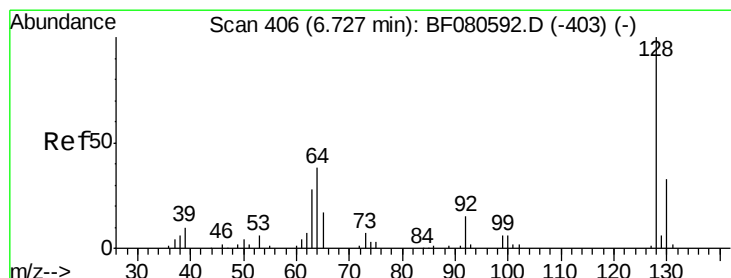
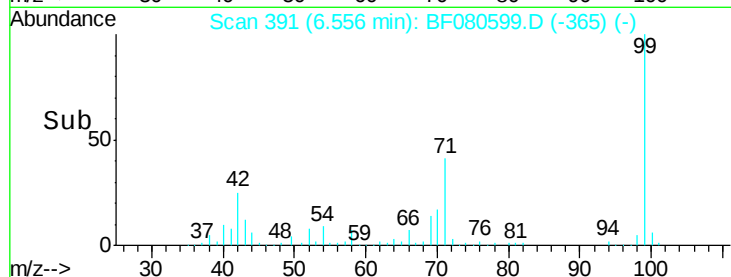
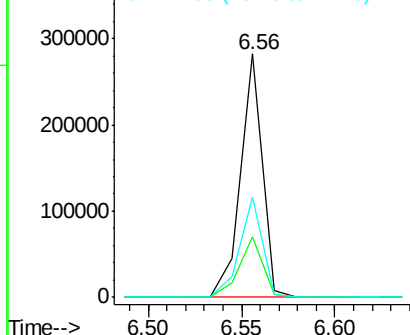
Tgt Ion:	99	Resp:	229992
Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.4	26.2
71	41.0	29.0	43.6

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



#8

2-Chlorophenol

Concen: 37.82 ng

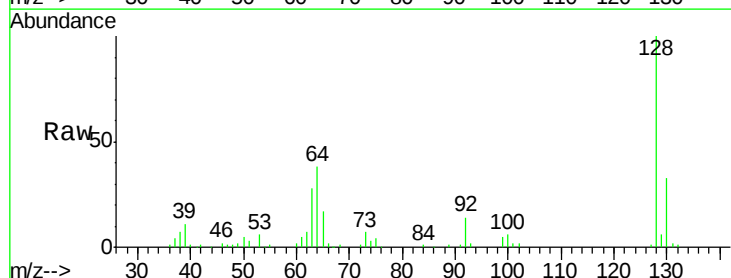
RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

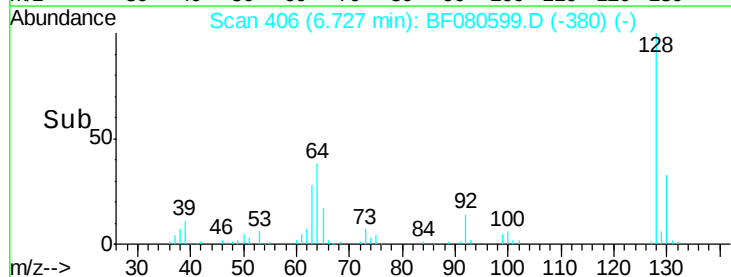
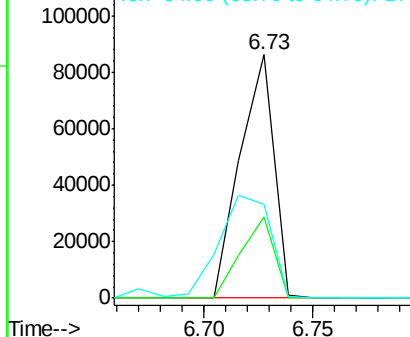
Lab File: BF080599.D

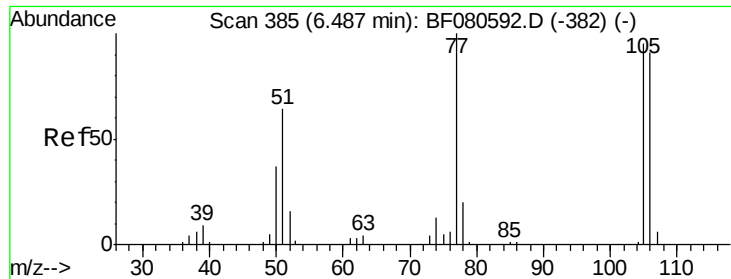
Acq: 23 Jul 2015 18:45

Tgt Ion:	128	Resp:	93300
Ion	Ratio	Lower	Upper
128	100		
130	33.2	11.8	51.8
64	38.3	20.2	60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.02 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080599.D

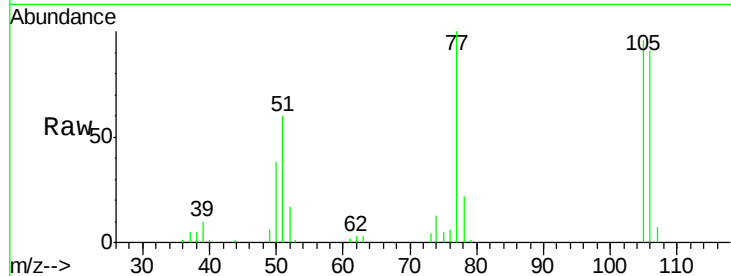
Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

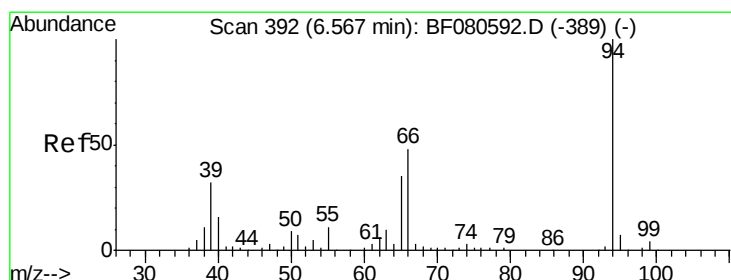
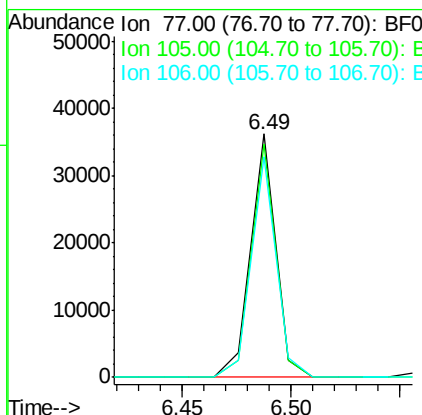
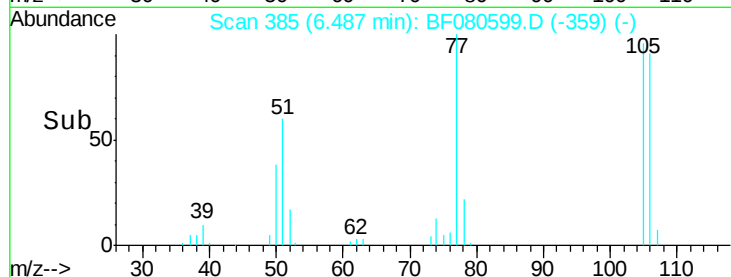
PB84631BS



Tgt Ion:	77	Resp:	29106
Ion	Ratio	Lower	Upper
77	100		
105	96.0	72.3	112.3
106	90.5	67.5	107.5

Manual Integrations
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#10

Phenol

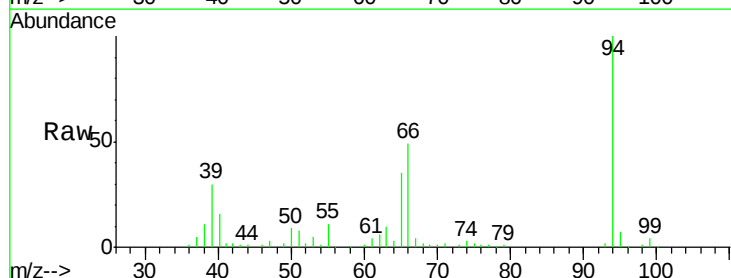
Concen: 38.25 ng

RT: 6.57 min Scan# 392

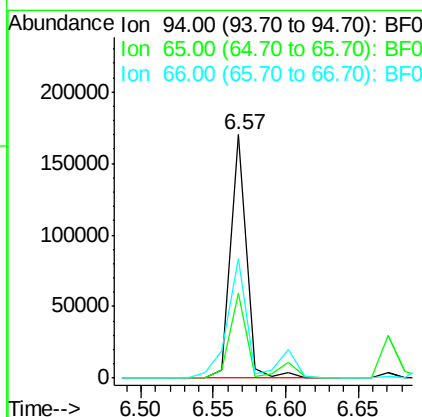
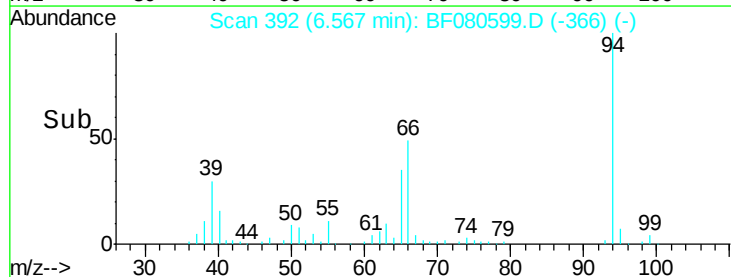
Delta R.T. -0.00 min

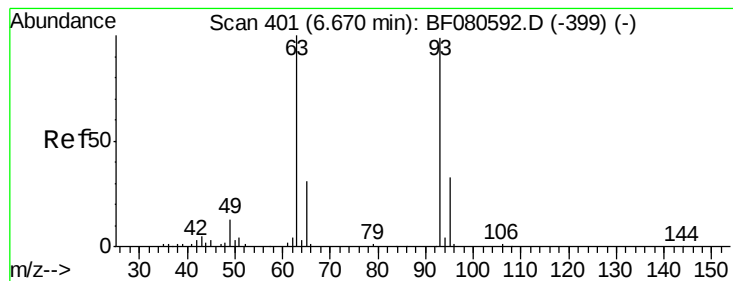
Lab File: BF080599.D

Acq: 23 Jul 2015 18:45



Tgt Ion:	94	Resp:	128487
Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.1	52.1
66	48.9	24.3	64.3





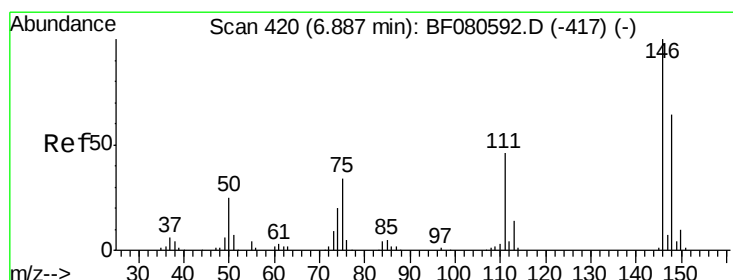
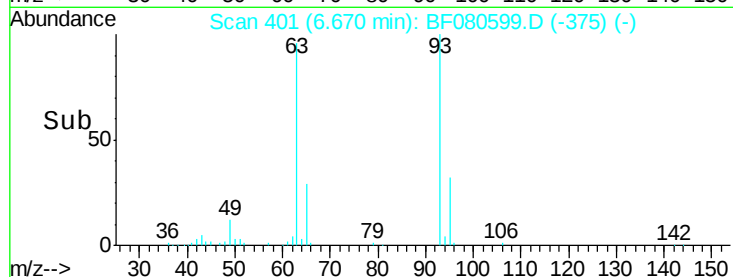
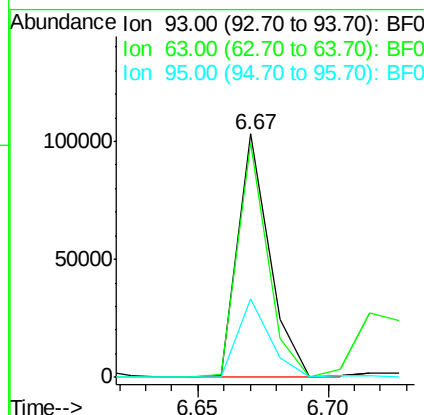
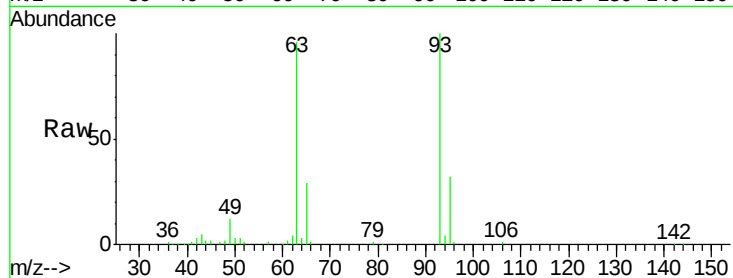
#11
bis(2-Chloroethyl)ether
Concen: 37.91 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	96.3	80.5	120.5
95	32.1	11.2	51.2

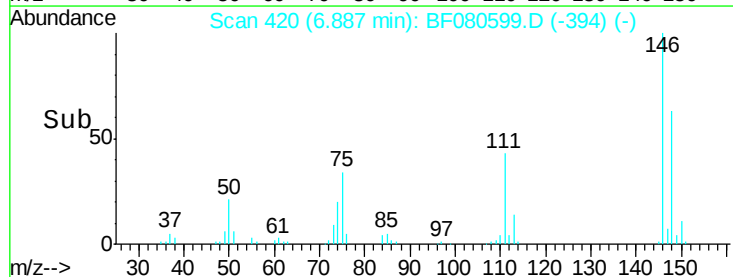
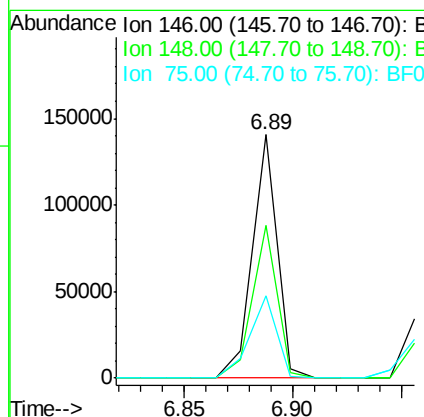
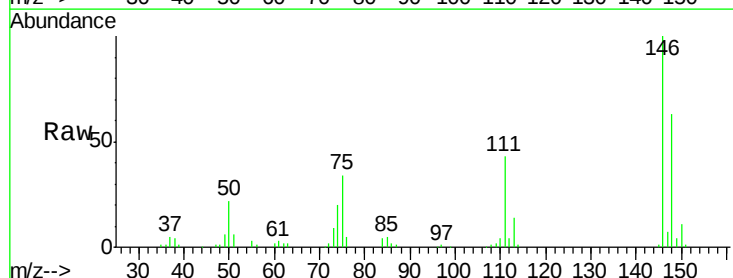
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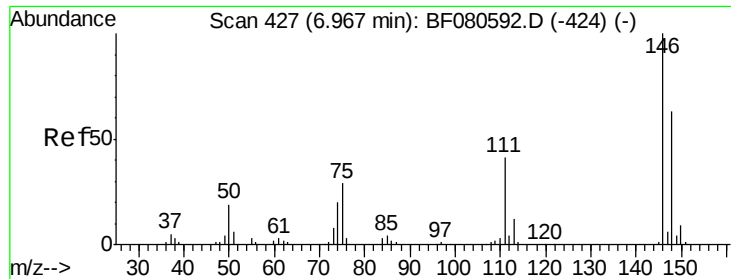
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#12
1,3-Dichlorobenzene
Concen: 35.39 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	34.0	27.1	40.7





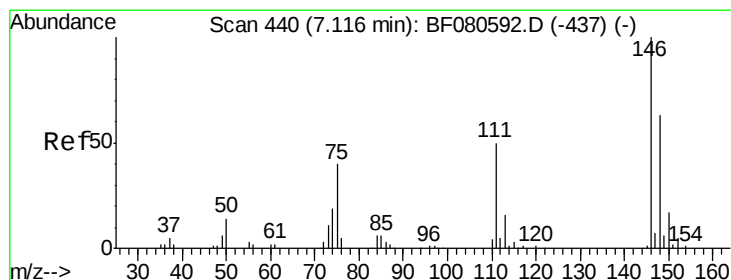
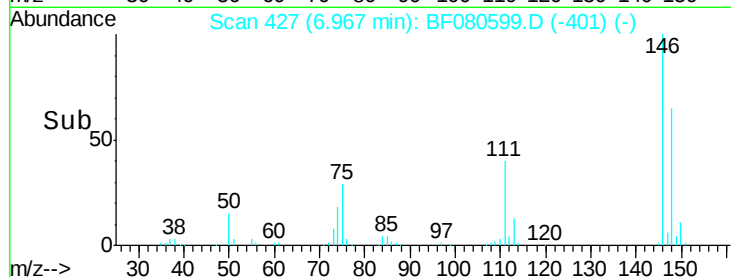
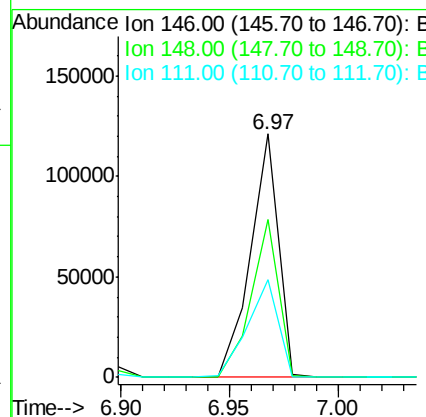
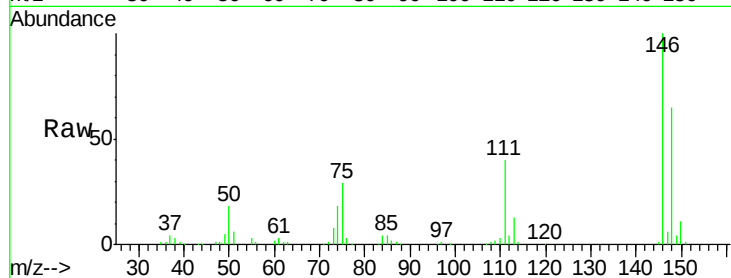
#13
 1,4-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	40.0	31.4	47.2

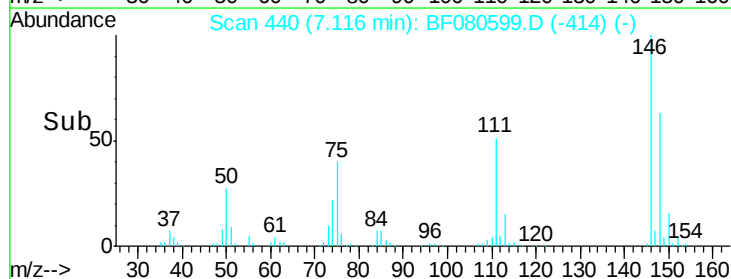
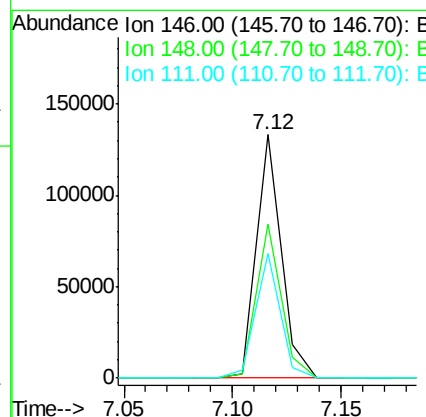
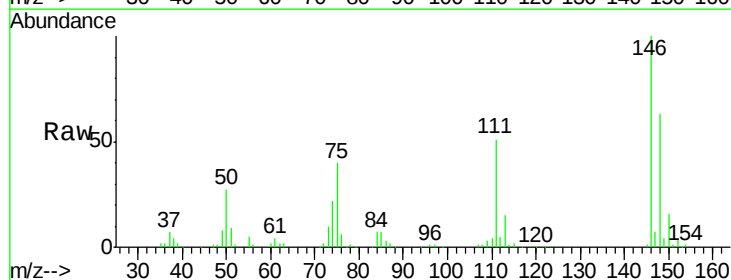
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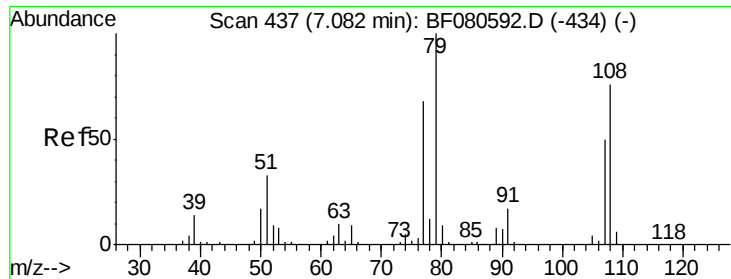
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#14
 1,2-Dichlorobenzene
 Concen: 37.24 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	51.1	38.2	57.2





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

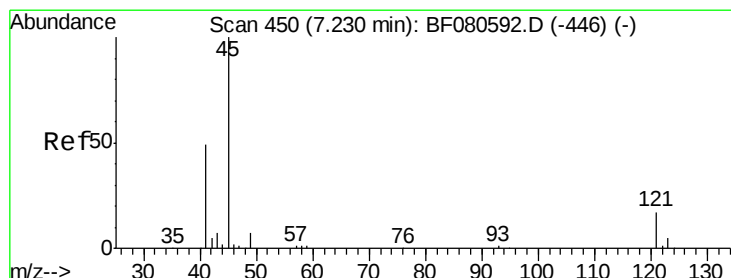
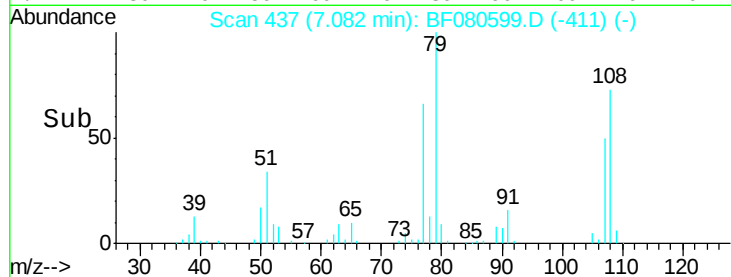
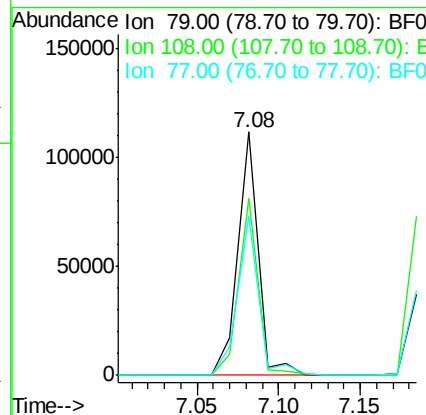
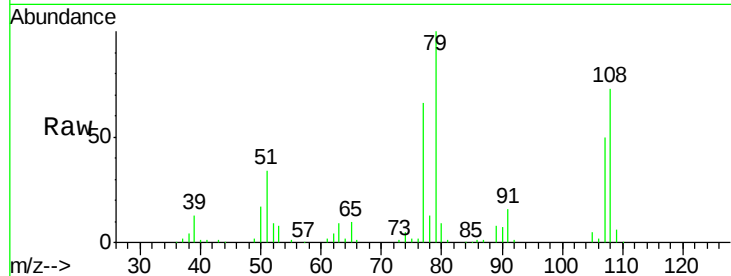
ClientSampleId :

PB84631BS

Tgt Ion:	79	Resp:	94845
Ion Ratio	Lower	Upper	
79	100		
108	72.6	61.5	92.3
77	65.5	53.6	80.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

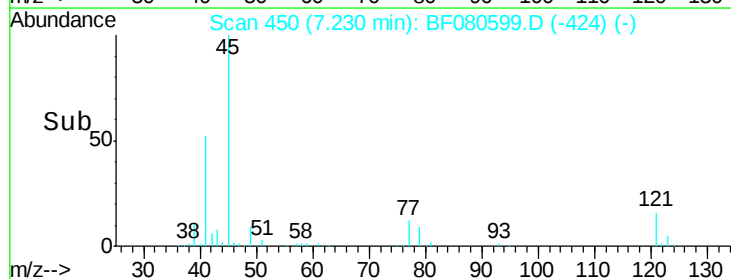
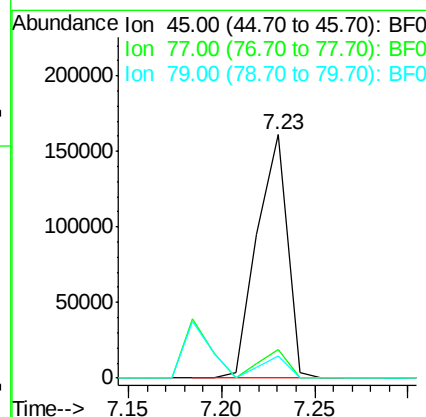
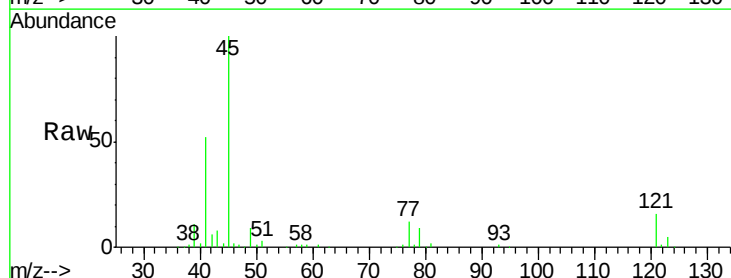
RT: 7.23 min Scan# 450

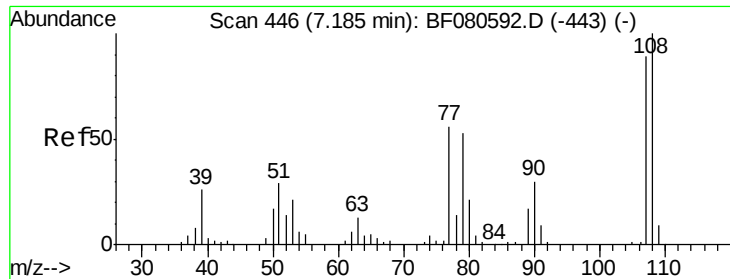
Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	45	Resp:	180744
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.8
79	9.0	0.0	28.6





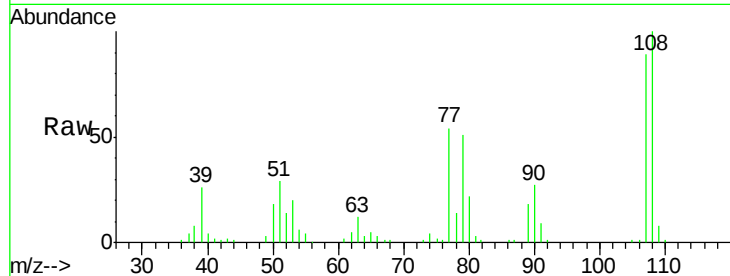
#17
2-Methylphenol
Concen: 37.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion:	107	Resp:	72087
Ion	Ratio	Lower	Upper
107	100		
108	111.9	86.0	129.0
77	59.9	43.4	65.2
79	57.3	41.2	61.8

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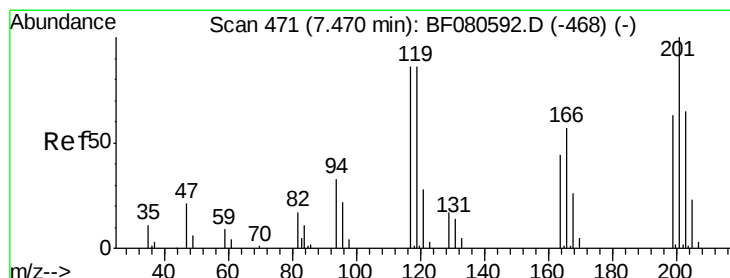
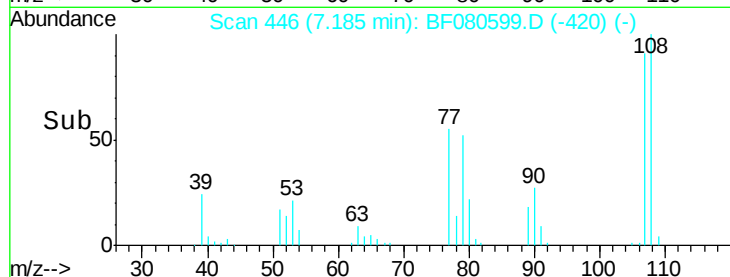
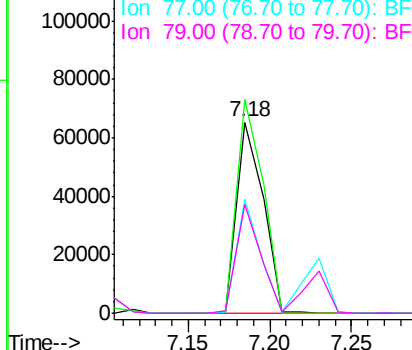
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

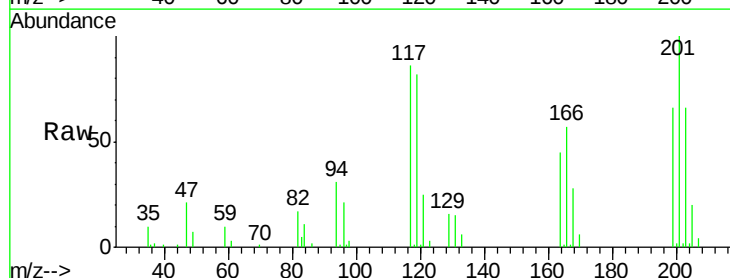
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.19 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:	117	Resp:	38418
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	116.4	91.6	137.4

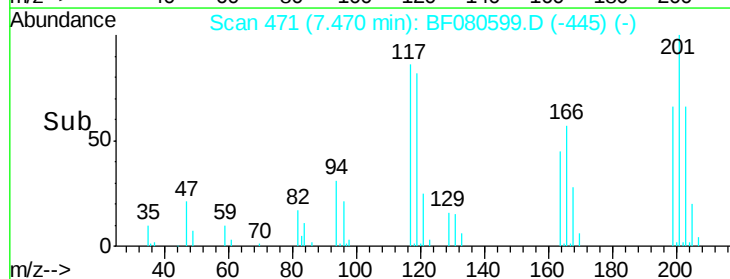
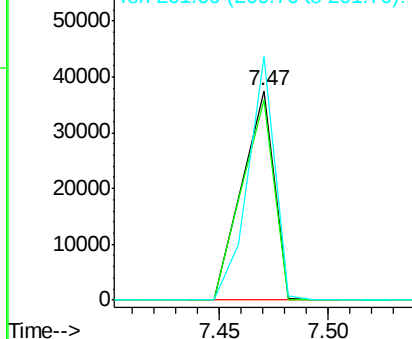


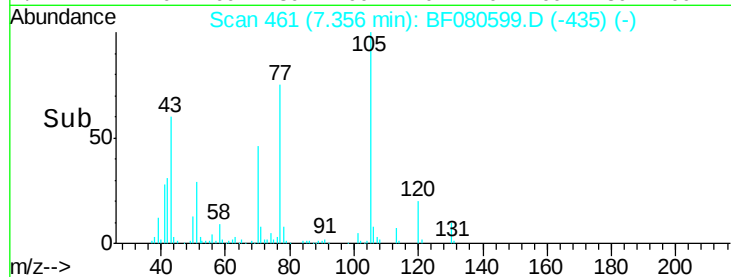
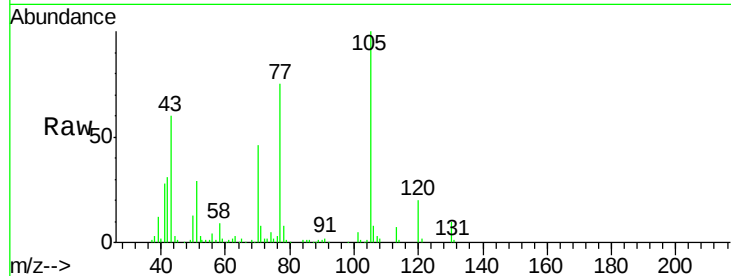
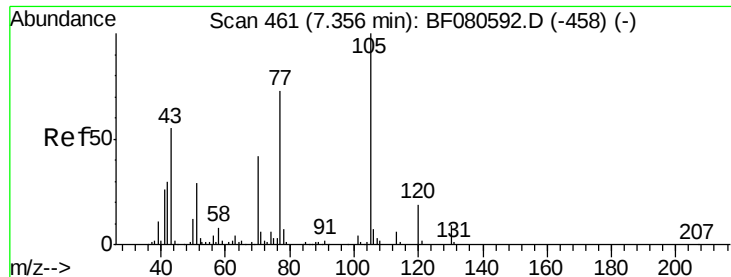
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





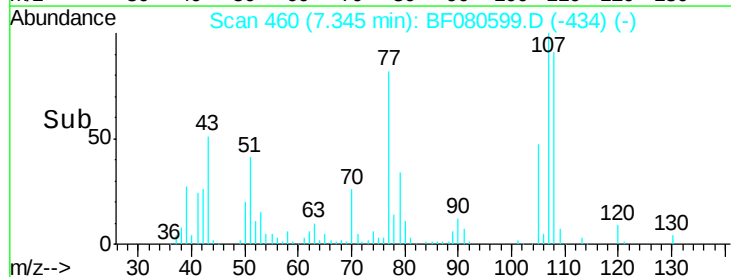
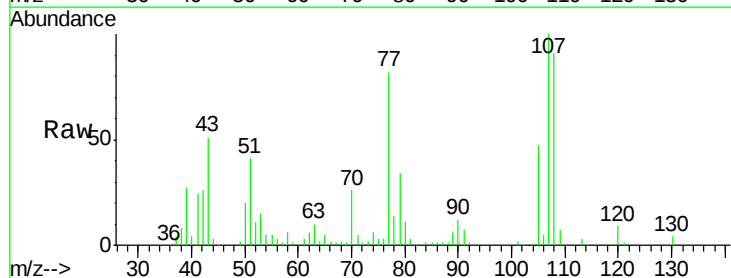
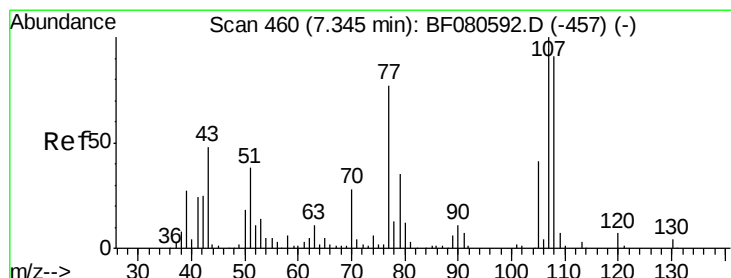
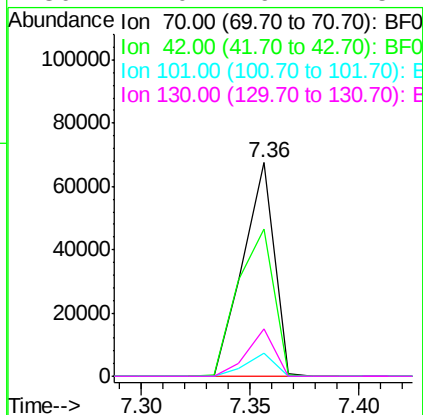
#19
n-Nitroso-di-n-propylamine
Concen: 35.36 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampled :
PB84631BS

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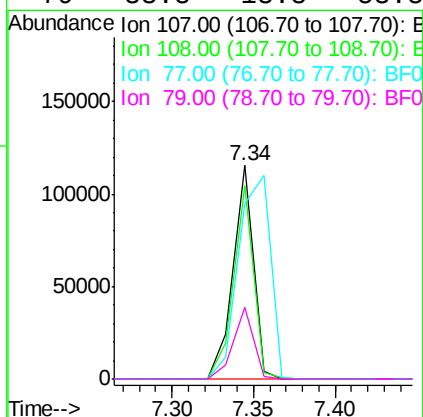
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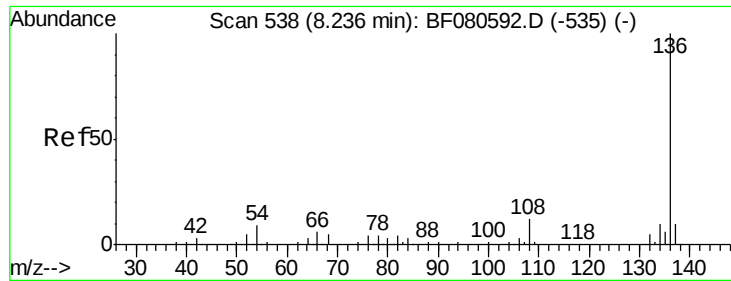
Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.7	56.6	85.0
101	10.6	9.7	14.5
130	22.0	19.1	28.7



#20
3+4-Methylphenols
Concen: 36.74 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	75.6	115.6
77	82.2	84.7	124.7#
79	33.8	13.8	53.8





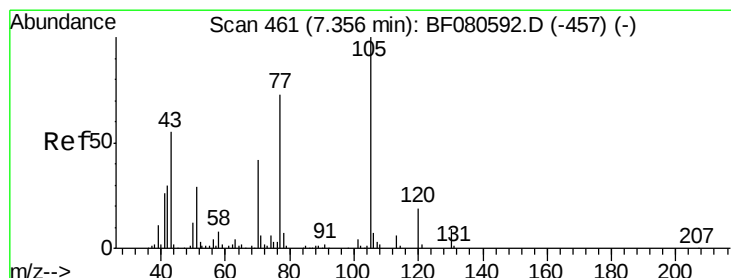
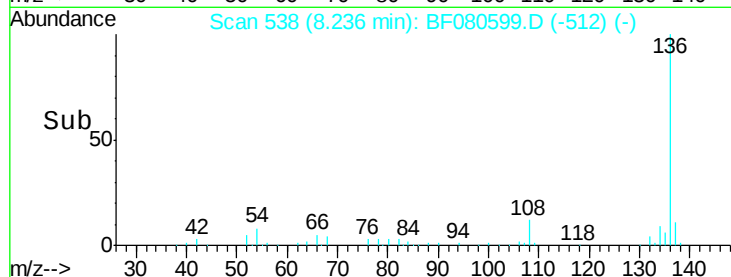
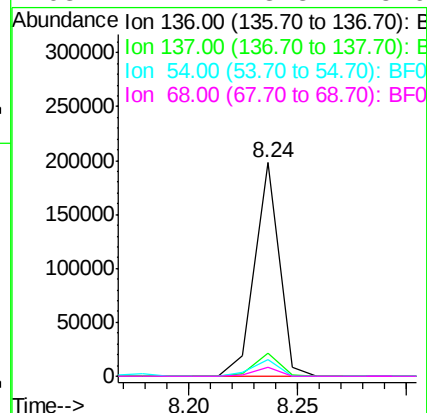
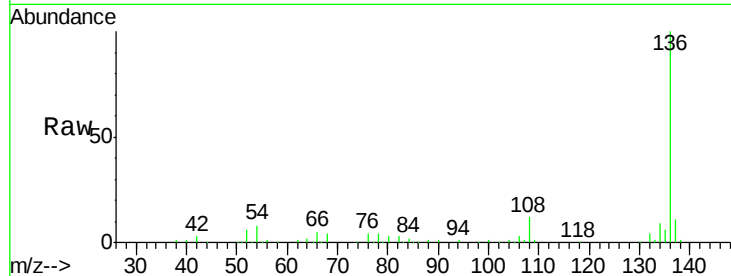
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	153811		
137	10.8	7.8	11.8	
54	8.0	7.2	10.8	
68	4.1	3.8	5.6	

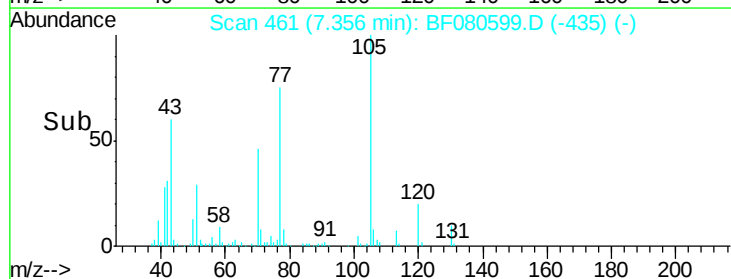
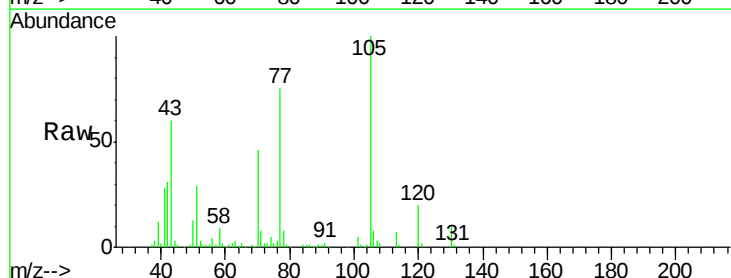
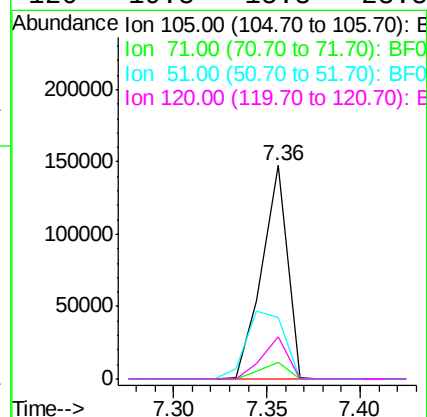
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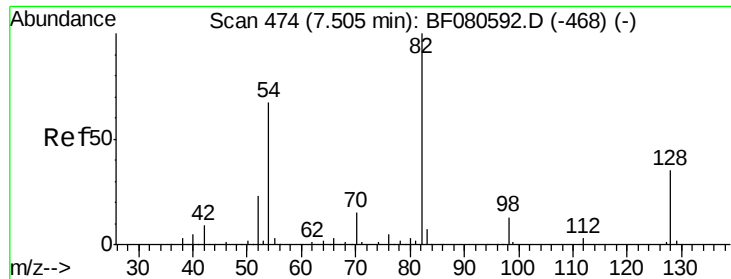
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#22
Acetophenone
Concen: 37.26 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139579		
71	7.6	5.5	8.3	
51	28.6	23.0	34.4	
120	19.8	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 80.63 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

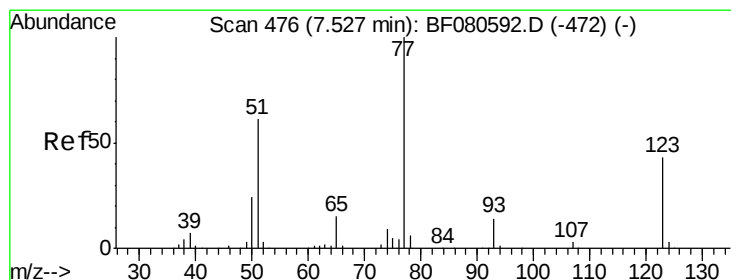
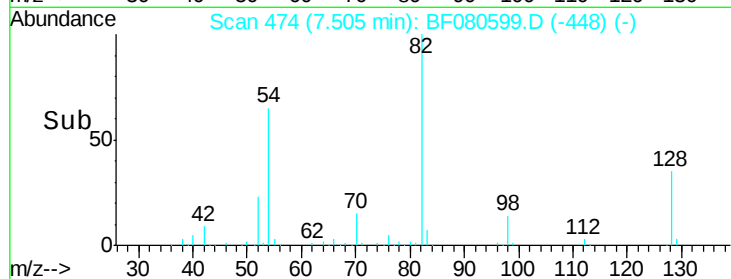
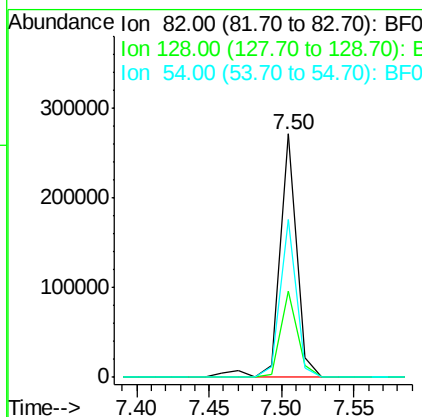
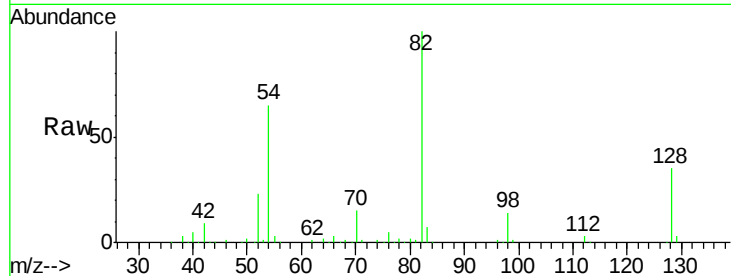
ClientSampleId :

PB84631BS

Tgt Ion	82	Resp	218882
Ion Ratio	100	Lower	Upper
128	35.5	28.9	43.3
54	65.1	54.5	81.7

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#24

Nitrobenzene

Concen: 37.54 ng

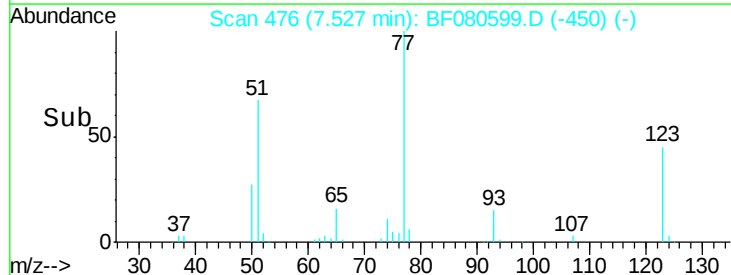
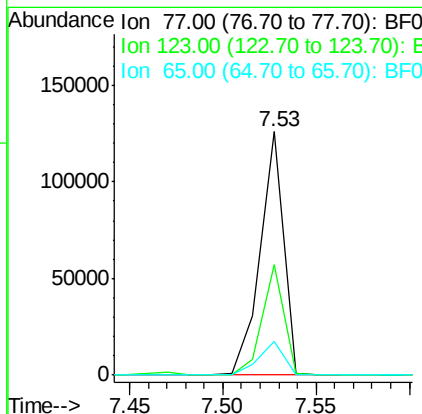
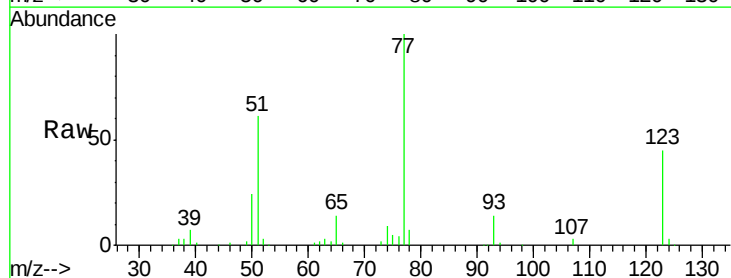
RT: 7.53 min Scan# 476

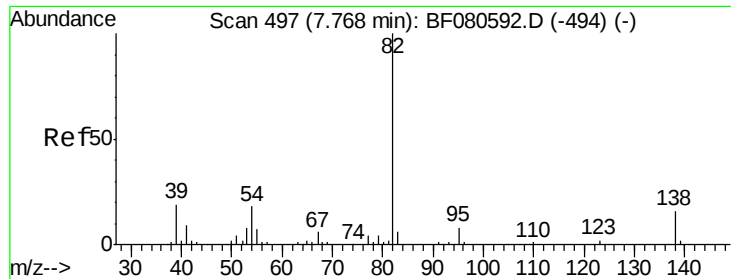
Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion	77	Resp	108927
Ion Ratio	100	Lower	Upper
123	45.2	37.1	55.7
65	13.6	11.4	17.2





#25

Isophorone

Concen: 38.34 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

Tgt Ion: 82 Resp: 192767
Ion Ratio Lower Upper

82 100

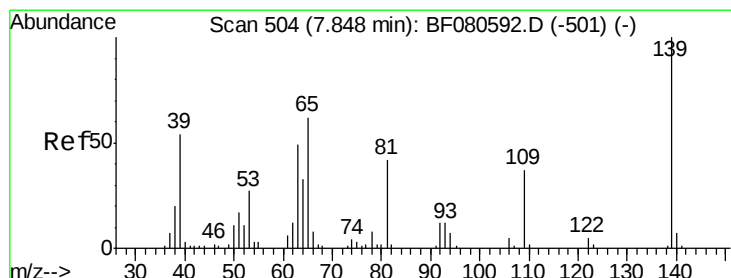
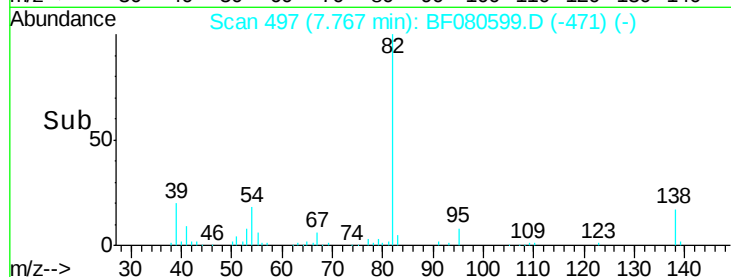
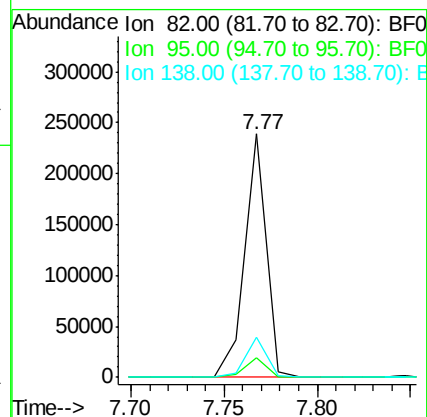
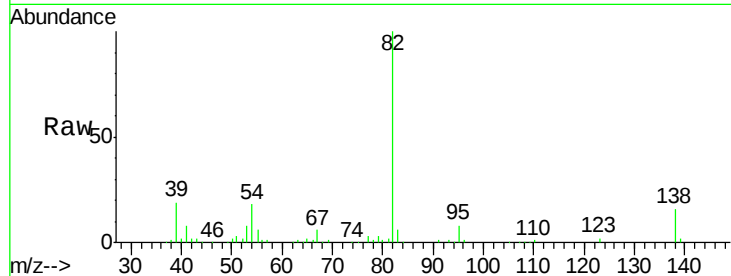
95 8.3 5.9 8.9

138 16.5 13.4 20.2

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#26

2-Nitrophenol

Concen: 36.48 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080599.D

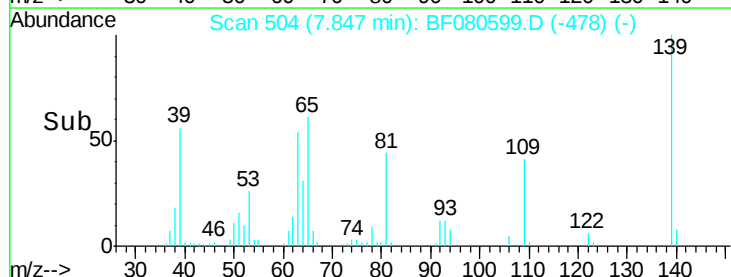
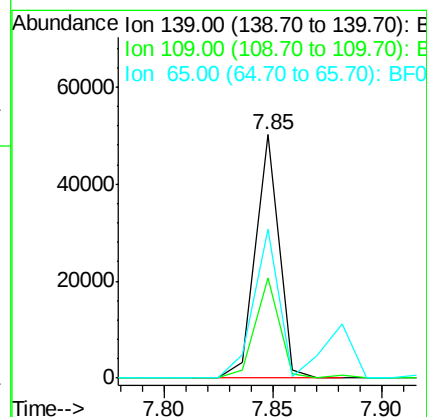
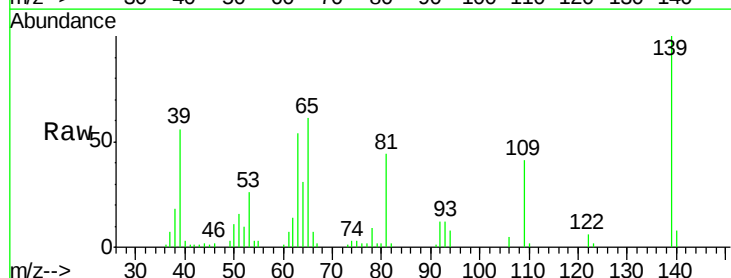
Acq: 23 Jul 2015 18:45

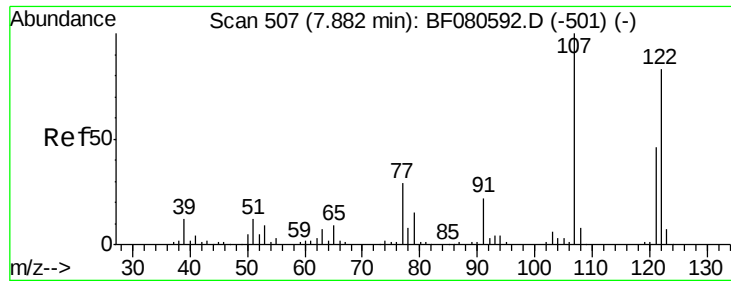
Tgt Ion: 139 Resp: 37822
Ion Ratio Lower Upper

139 100

109 41.3 26.0 39.0#

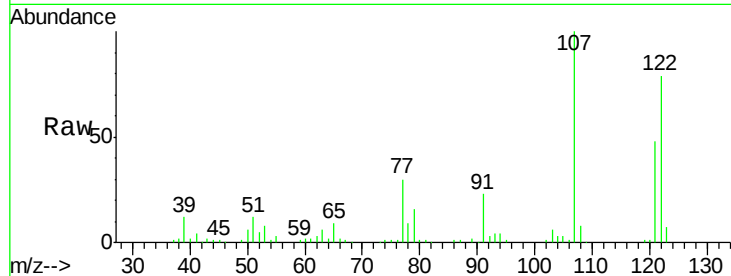
65 61.3 45.4 68.0





#27
 2,4-Dimethylphenol
 Concen: 37.10 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

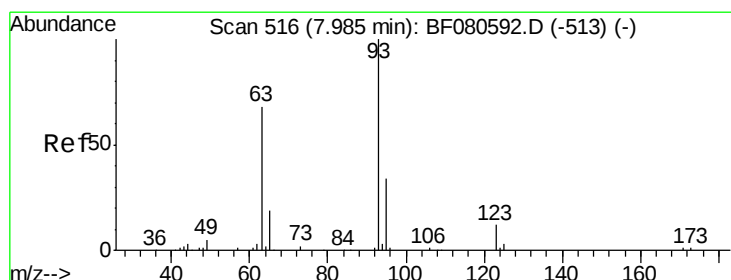
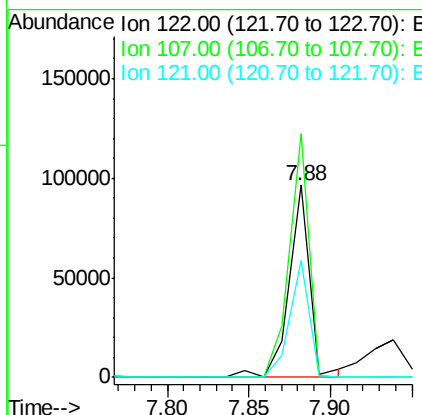
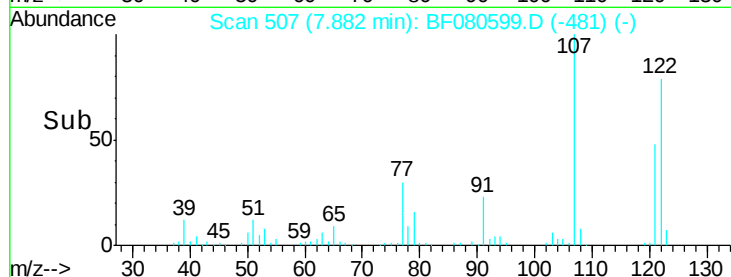
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84960		
107	126.9	92.3	138.5	
121	61.2	47.1	70.7	

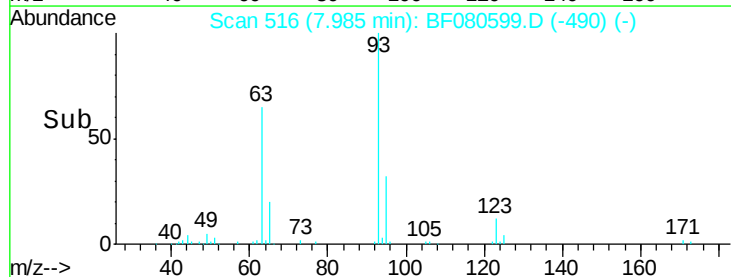
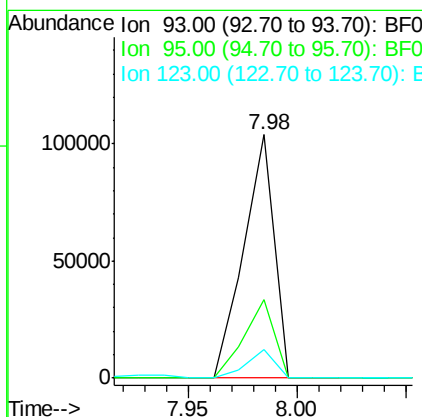
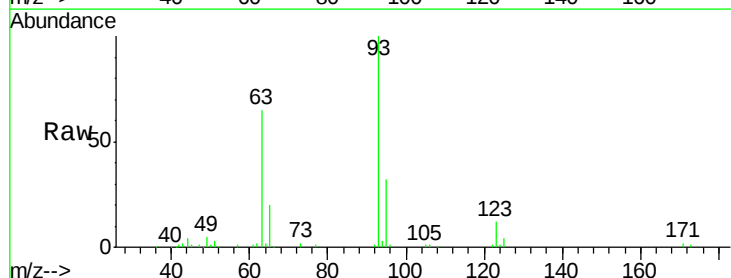
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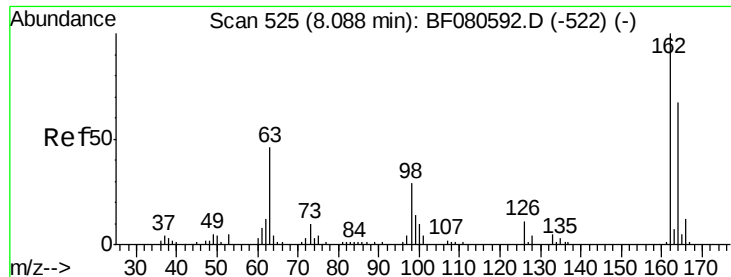
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.36 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	101019		
95	32.2	25.9	38.9	
123	11.9	10.3	15.5	





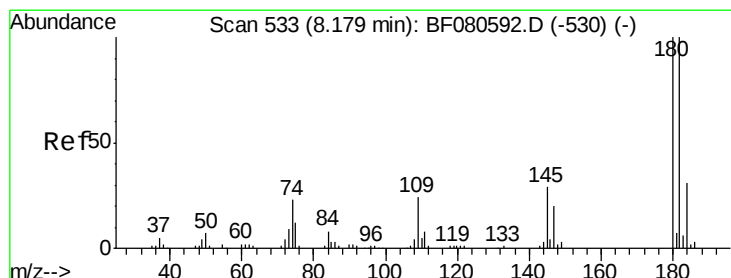
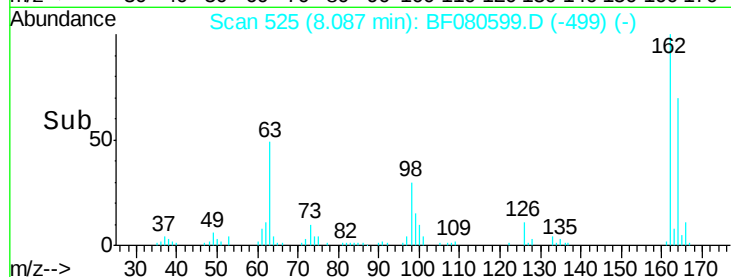
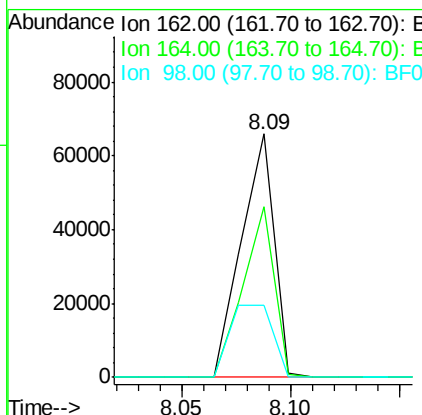
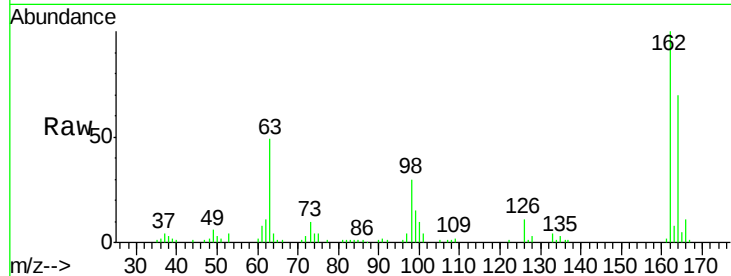
#29
 2,4-Dichlorophenol
 Concen: 36.79 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		68911
164	69.9	44.1	84.1
98	29.8	8.9	48.9

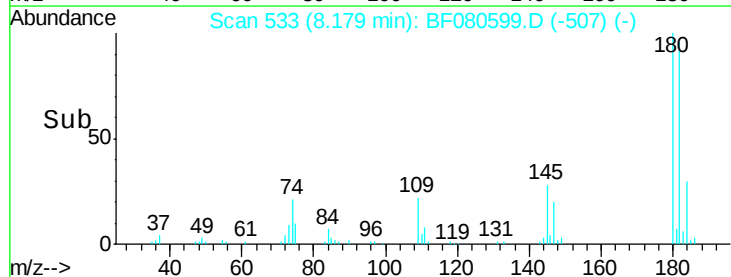
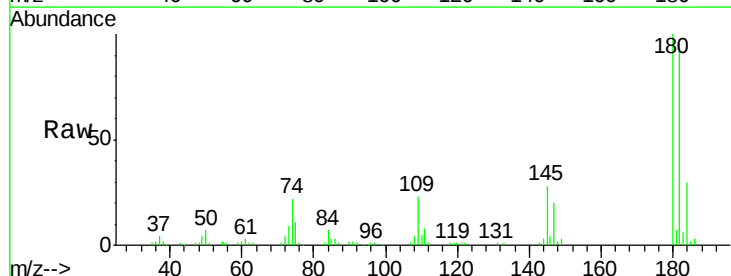
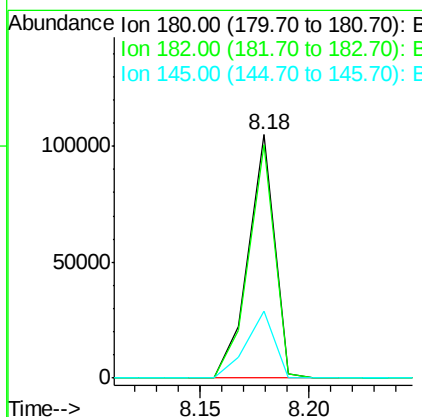
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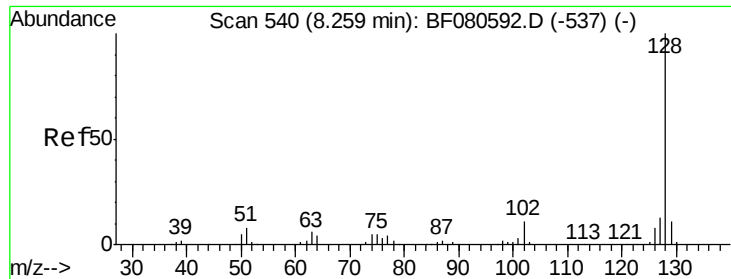
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.40 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		88645
182	95.8	79.0	118.4
145	27.7	22.0	33.0





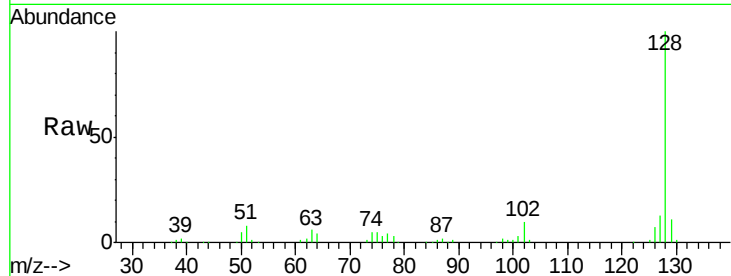
#31
Naphthalene
Concen: 37.01 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

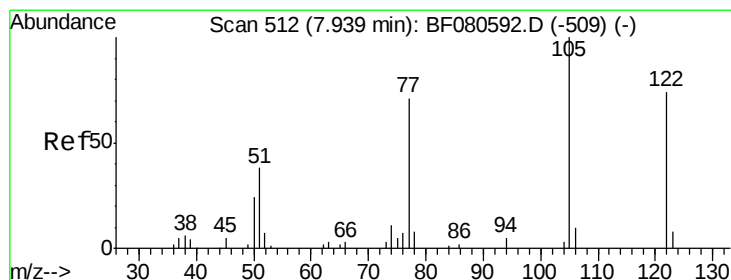
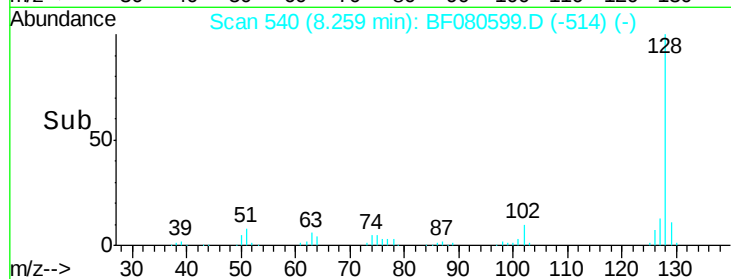
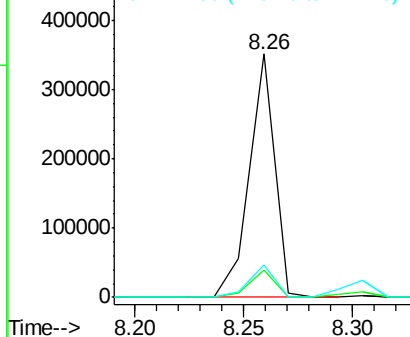
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.7	16.1

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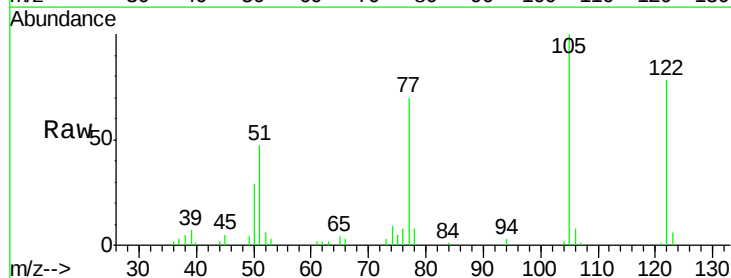


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

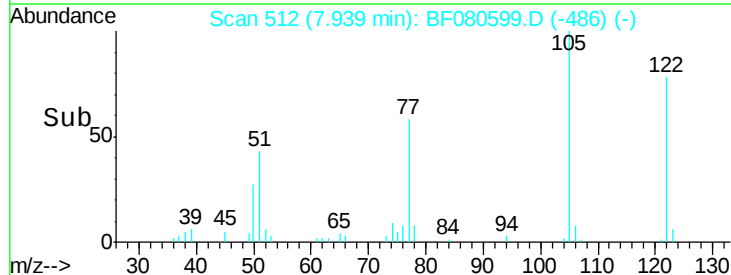
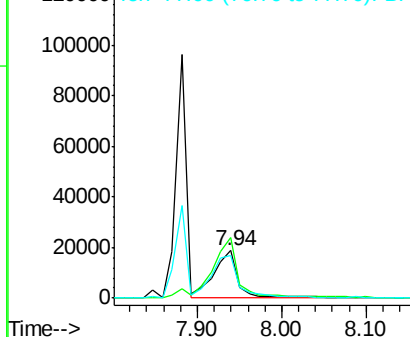


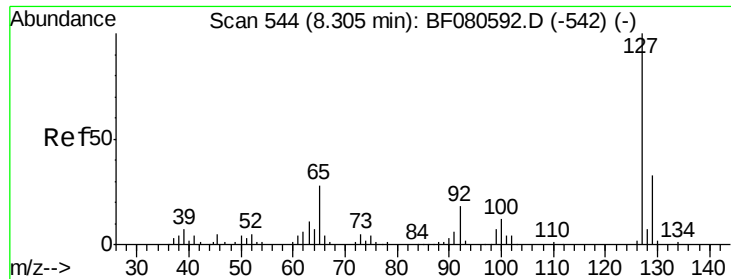
#32
Benzoic acid
Concen: 37.14 ng m
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	127.6	112.5	152.5
77	88.8	102.5	142.5#



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





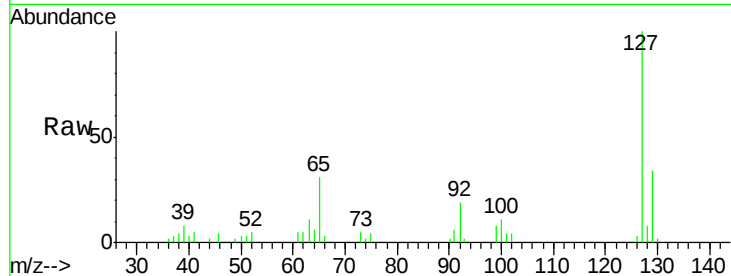
#33
 4-Chloroaniline
 Concen: 8.45 ng
 RT: 8.30 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

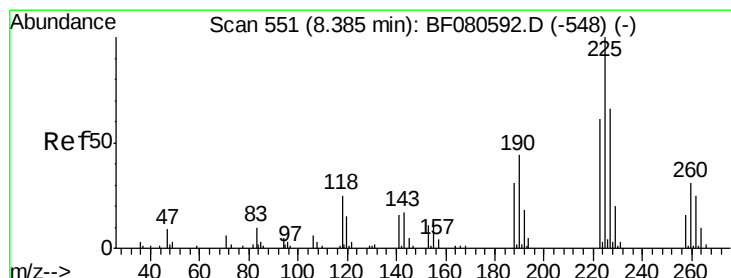
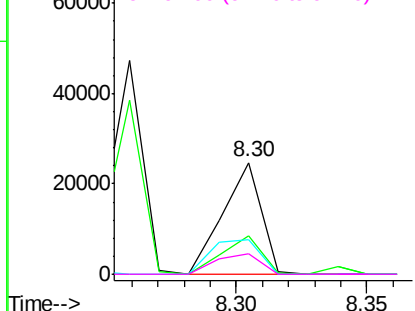
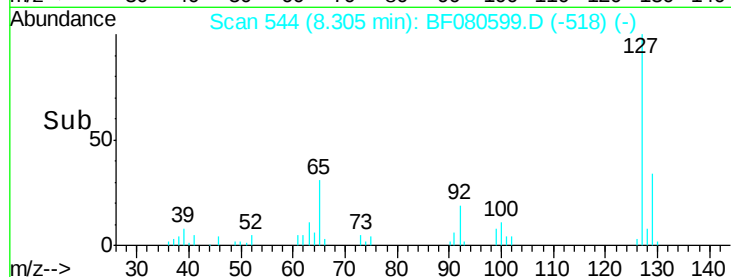
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	25501		
129	34.5	27.8	41.6	
65	31.4	21.2	31.8	
92	18.5	13.9	20.9	

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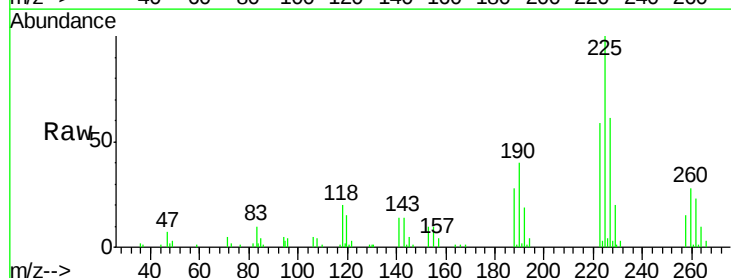


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

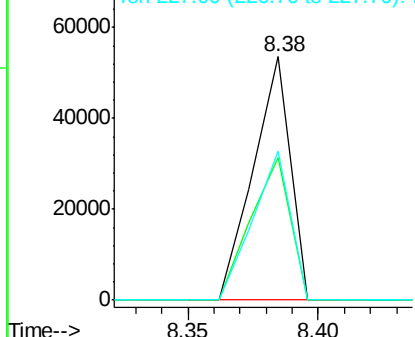
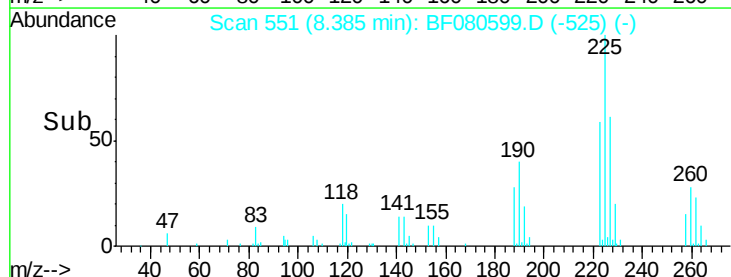


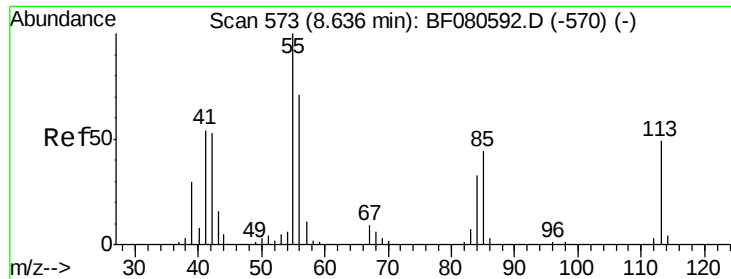
#34
 Hexachlorobutadiene
 Concen: 37.68 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53498		
223	58.5	50.3	75.5	
227	61.1	54.5	81.7	



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: 38.43 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

Tgt Ion:113 Resp: 19381

Ion Ratio Lower Upper

113 100

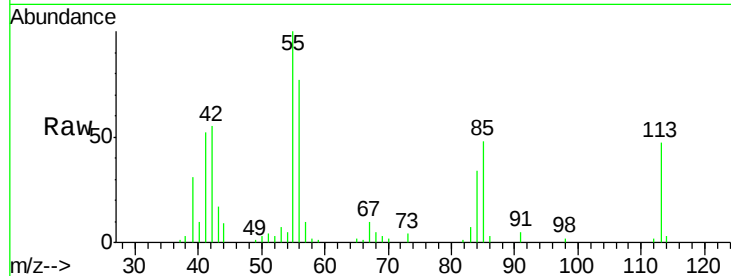
55 212.5 259.3 299.3#

56 163.4 171.6 211.6#

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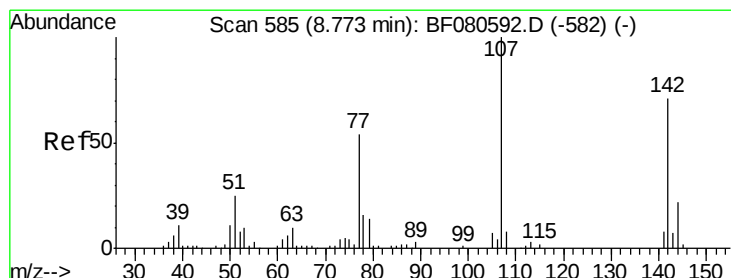
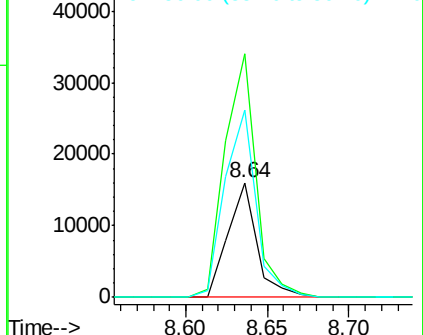
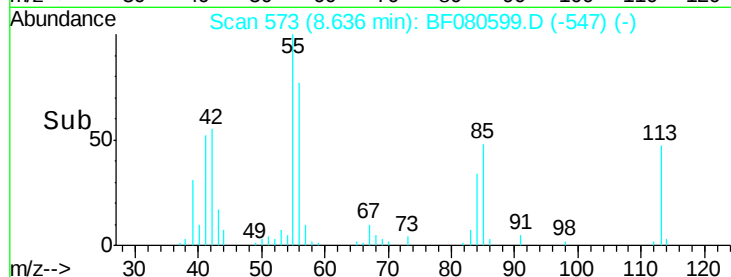
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.83 ng

RT: 8.77 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

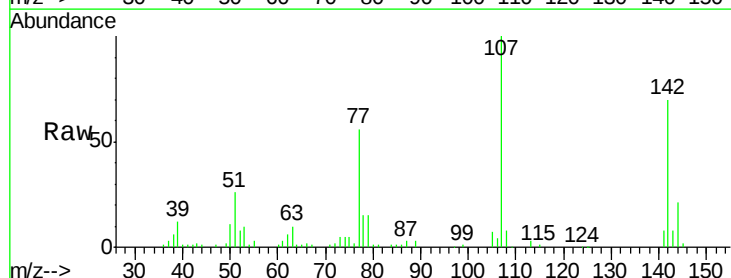
Tgt Ion:107 Resp: 88740

Ion Ratio Lower Upper

107 100

144 21.3 17.7 26.5

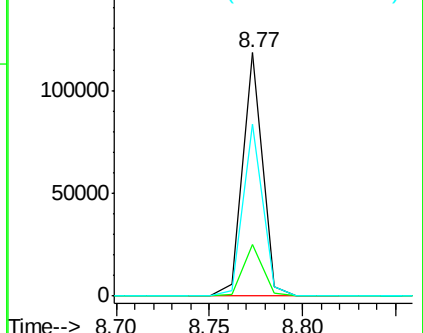
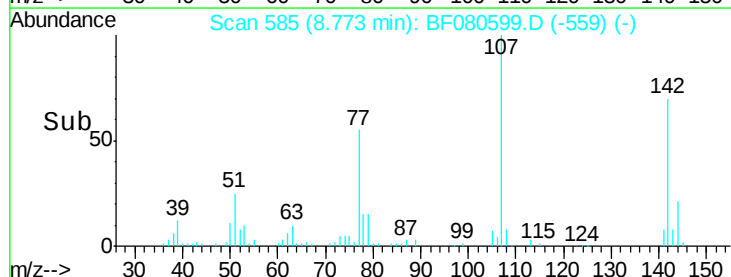
142 70.4 57.7 86.5

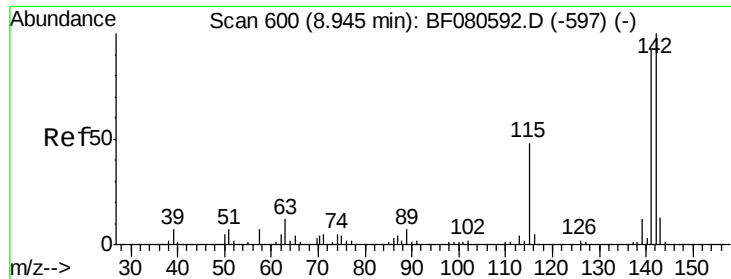


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





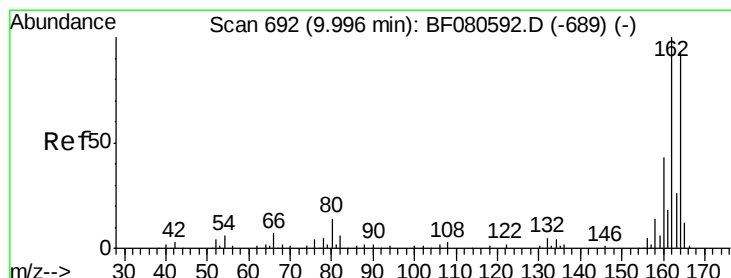
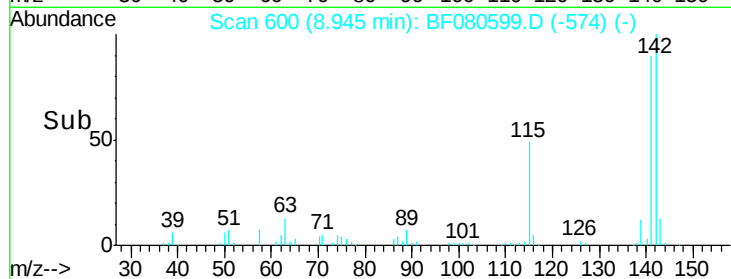
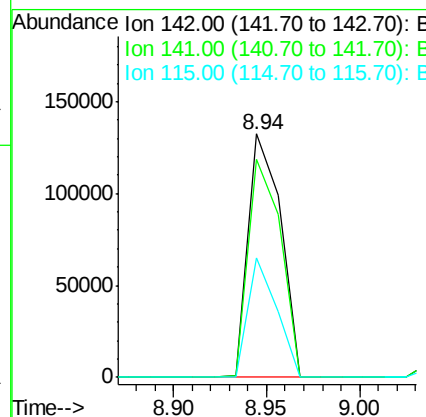
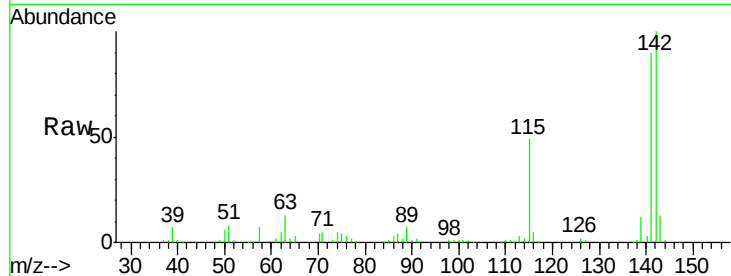
#37
 2-Methylnaphthalene
 Concen: 37.01 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	159462		
141	89.6	72.6	109.0	
115	49.0	38.2	57.2	

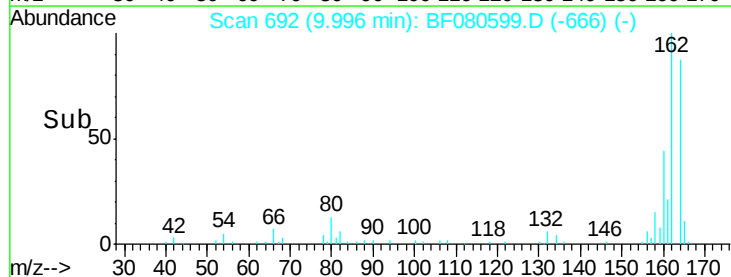
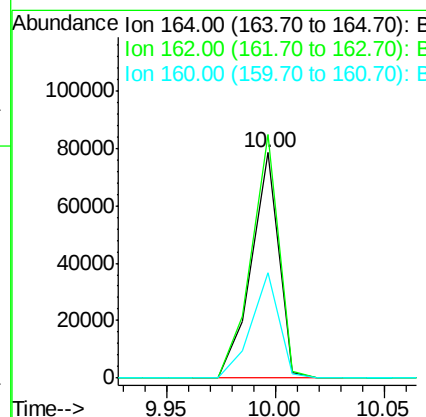
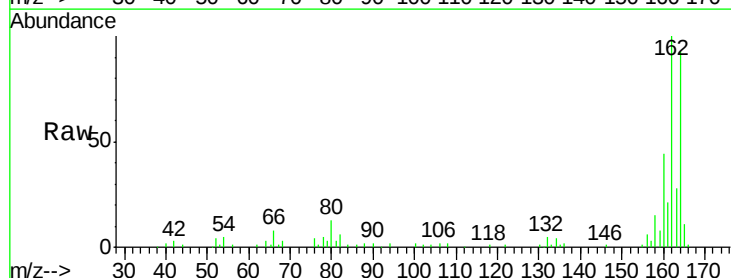
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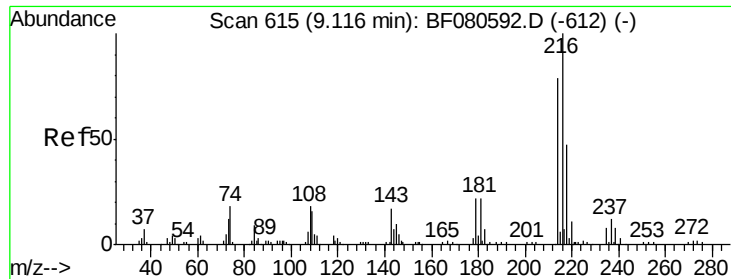
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68581		
162	107.9	82.2	123.4	
160	47.0	36.1	54.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.34 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF080599.D

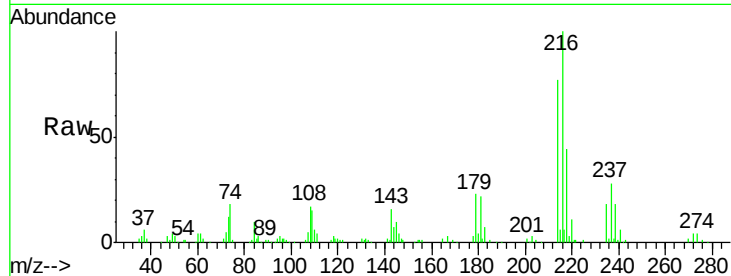
Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

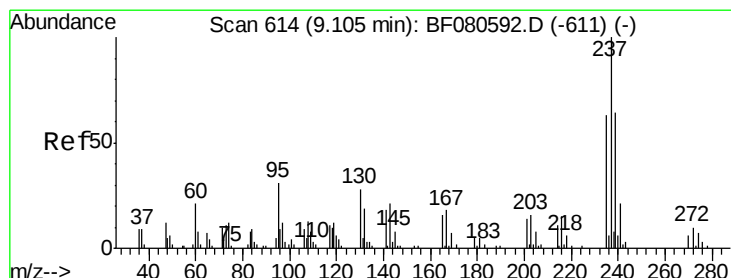
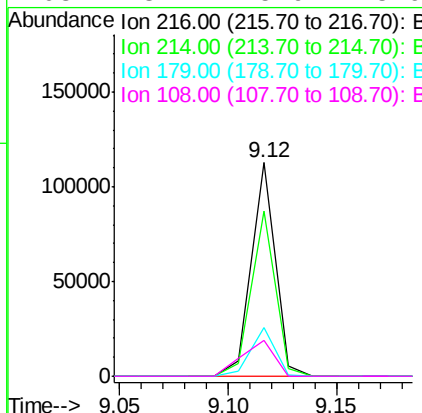
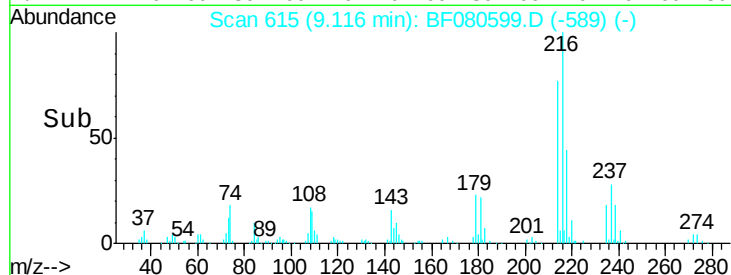
PB84631BS



Tgt Ion:	216	Resp:	86602
Ion Ratio	Lower	Upper	
216	100		
214	77.5	62.6	93.8
179	23.2	18.0	27.0
108	23.1	15.9	23.9

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#40

Hexachlorocyclopentadiene

Concen: 85.70 ng

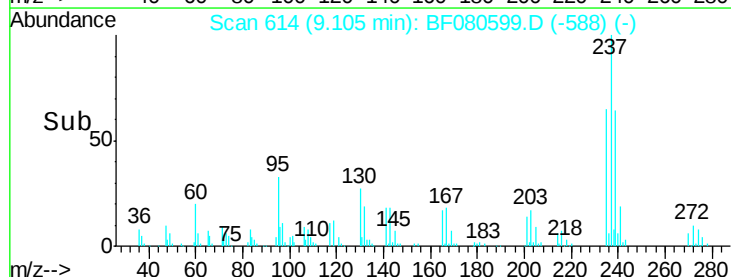
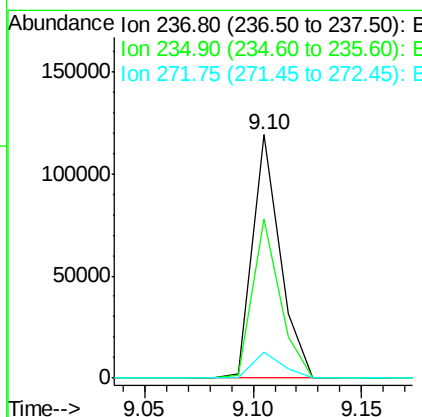
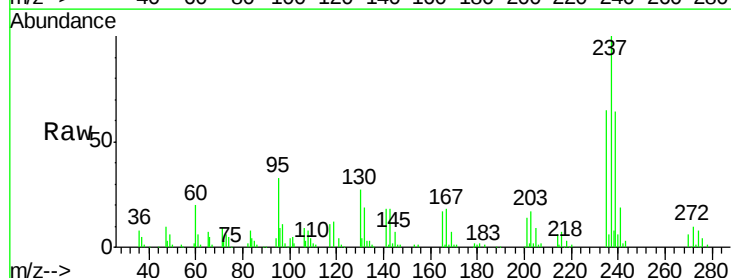
RT: 9.10 min Scan# 614

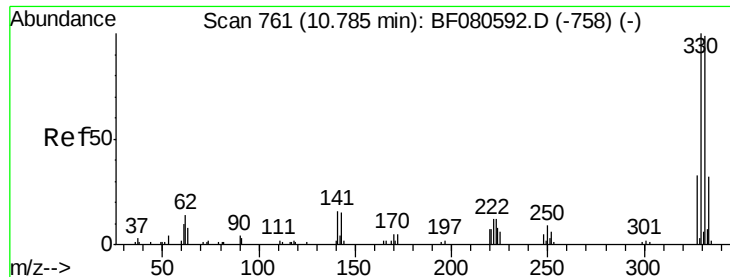
Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	237	Resp:	104664
Ion Ratio	Lower	Upper	
237	100		
235	65.5	47.3	87.3
272	10.5	0.0	31.5





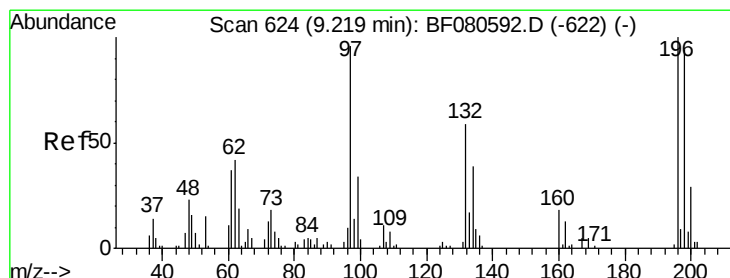
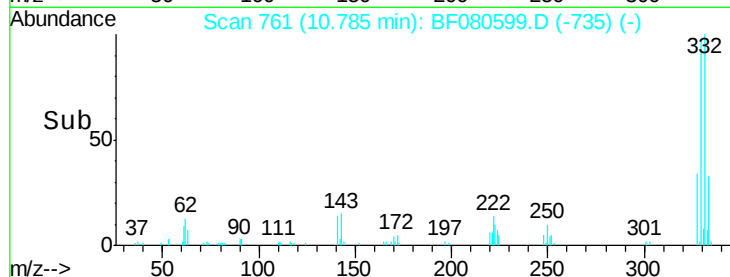
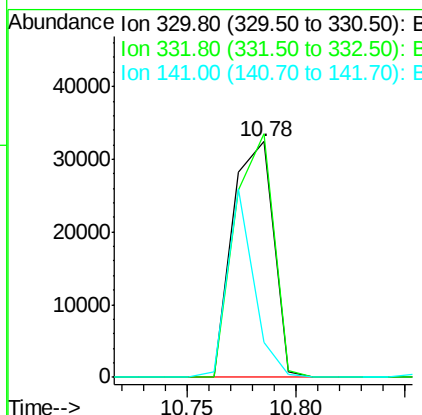
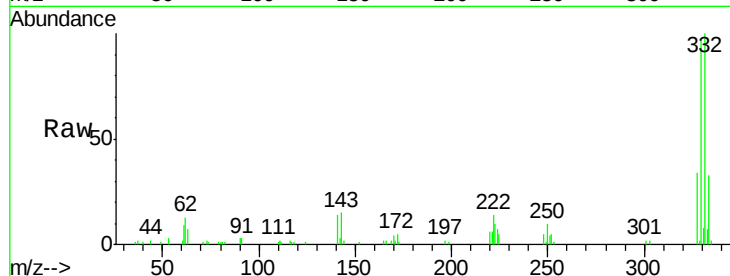
#41
 2,4,6-Tribromophenol
 Concen: 77.47 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	42101		
332	98.0	78.3	117.5	
141	52.0	37.9	56.9	

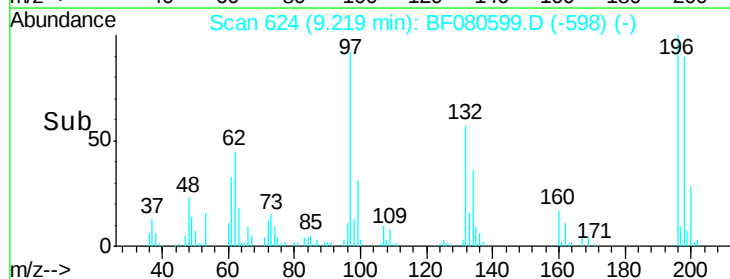
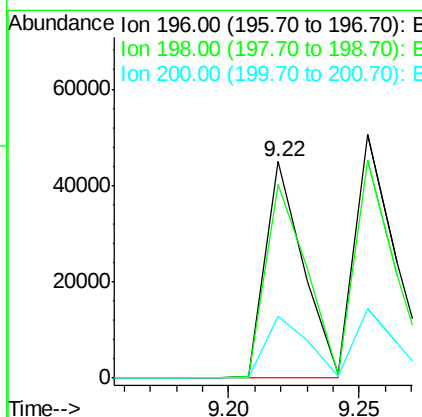
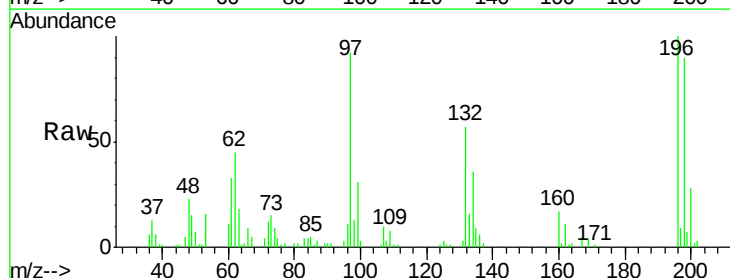
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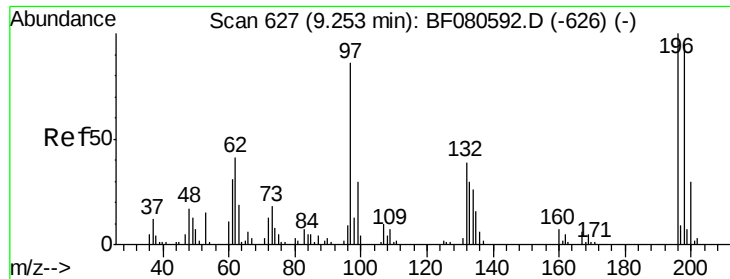
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#42
 2,4,6-Trichlorophenol
 Concen: 34.96 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

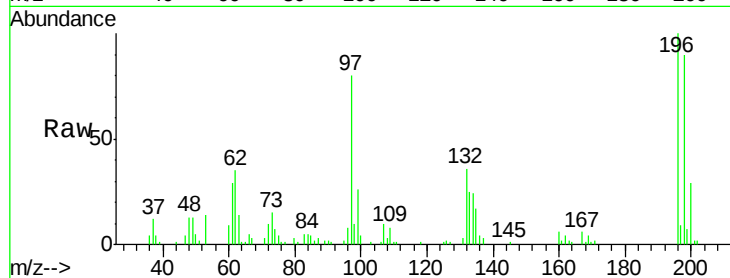
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45477		
198	89.6	73.9	110.9	
200	28.4	23.4	35.0	





#43
 2,4,5-Trichlorophenol
 Concen: 39.94 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

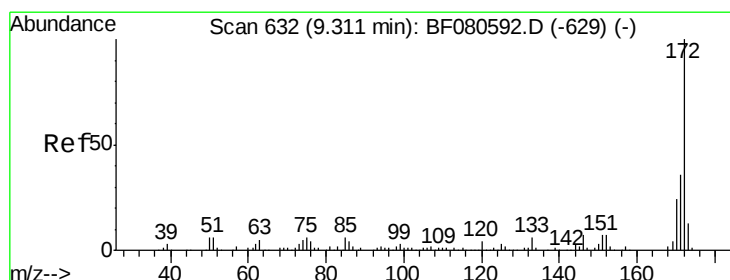
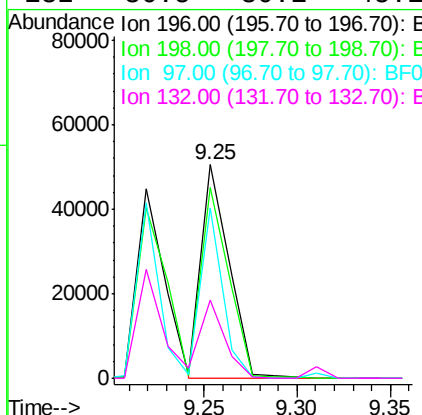
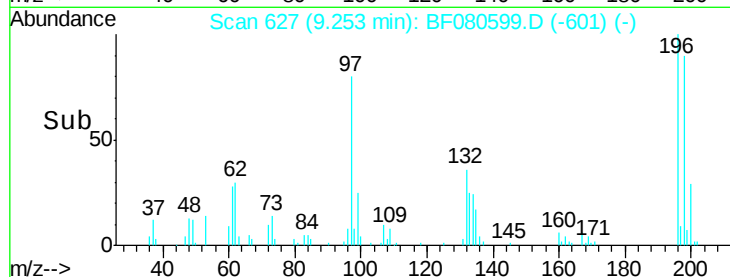
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS



Tgt Ion:	196	Resp:	52439
Ion Ratio	Lower	Upper	
196	100		
198	89.6	76.9	115.3
97	79.9	63.0	94.4
132	36.5	30.1	45.1

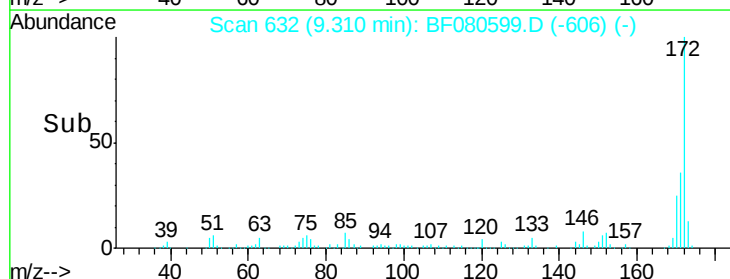
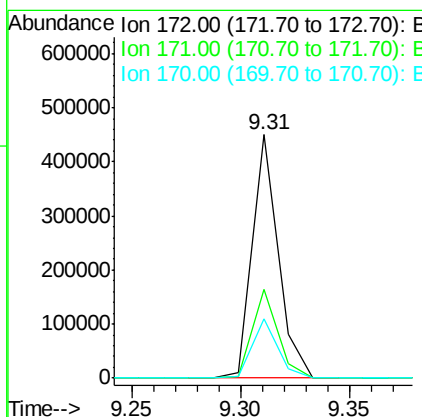
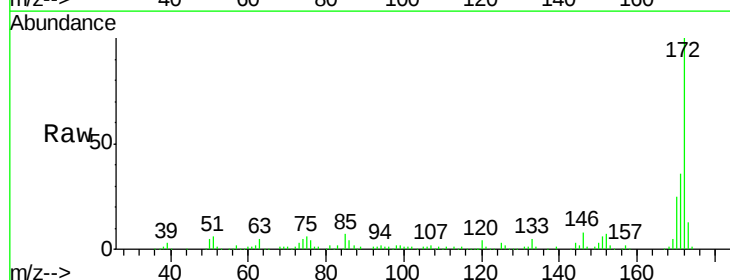
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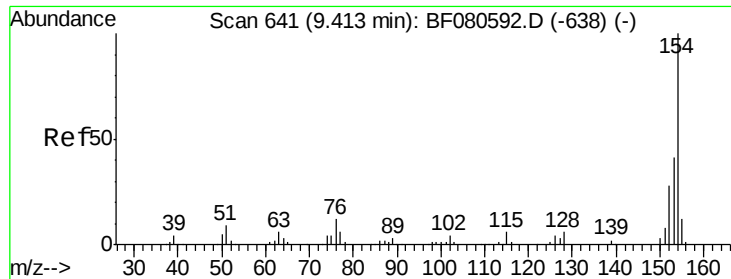
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#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:	172	Resp:	372399
Ion Ratio	Lower	Upper	
172	100		
171	36.3	27.7	41.5
170	24.6	19.1	28.7





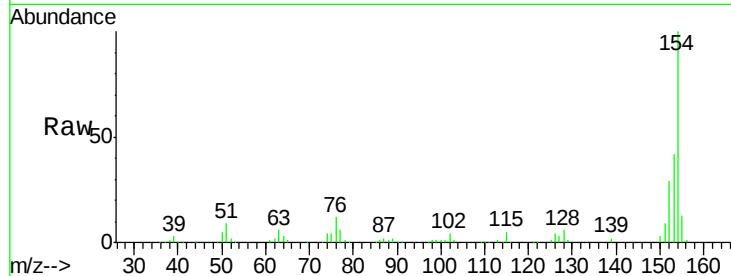
#45
 1,1'-Biphenyl
 Concen: 39.28 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

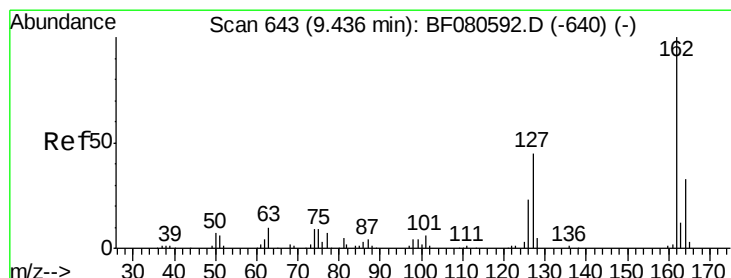
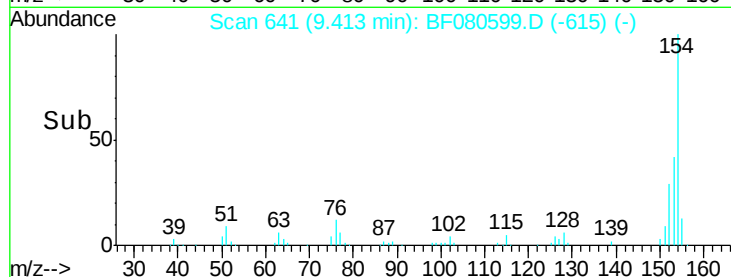
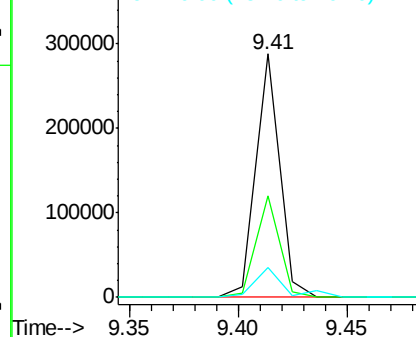
Tgt Ion:	154	Resp:	219296
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.8	61.8
76	12.0	0.0	32.1

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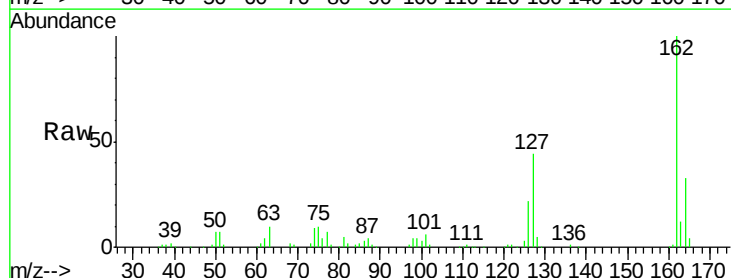


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

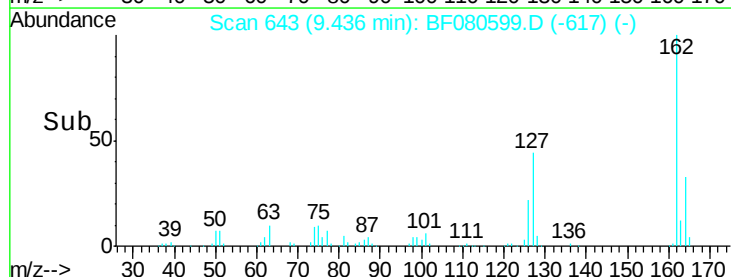
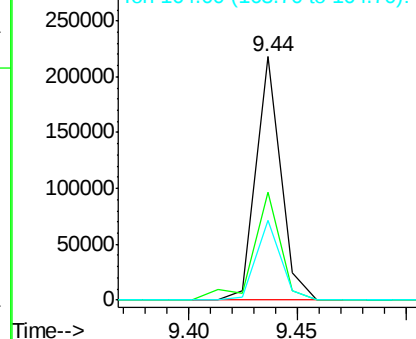


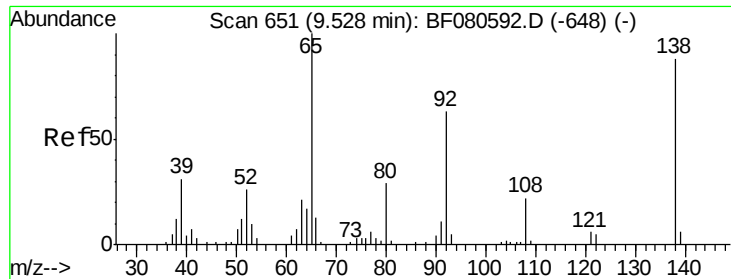
#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:	162	Resp:	172040
Ion Ratio	Lower	Upper	
162	100		
127	44.1	37.6	56.4
164	32.6	27.4	41.0



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





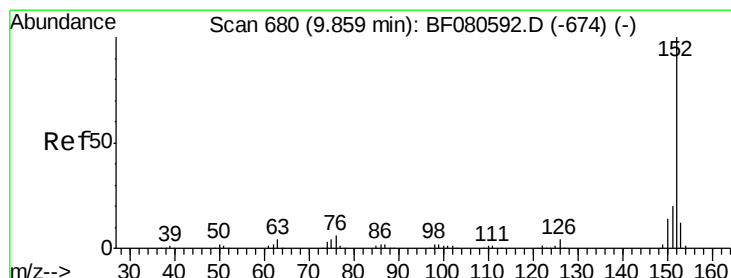
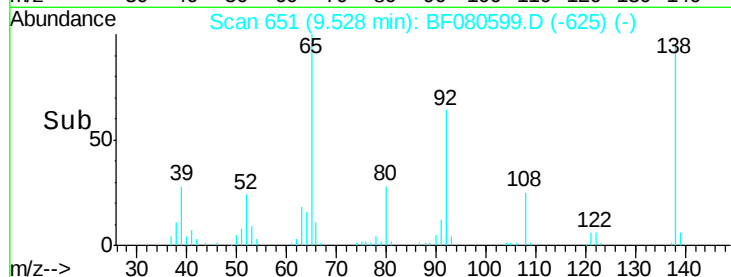
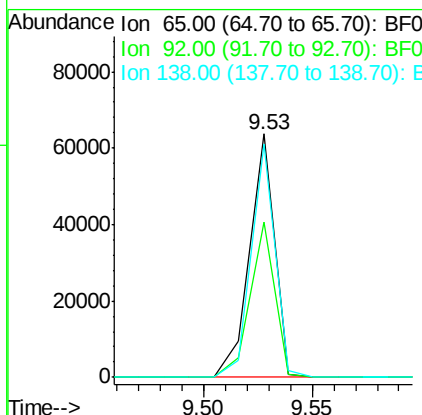
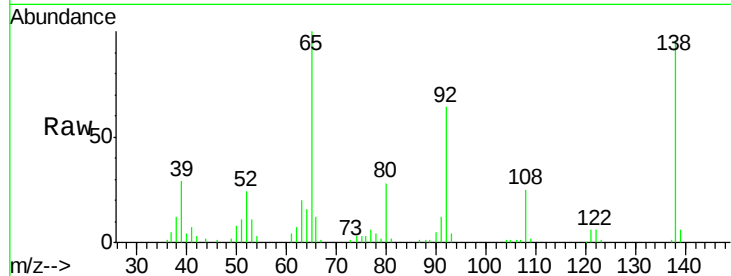
#47
 2-Nitroaniline
 Concen: 36.88 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion: 65 Resp: 50794
 Ion Ratio Lower Upper
 65 100
 92 63.7 48.7 73.1
 138 96.0 66.8 100.2

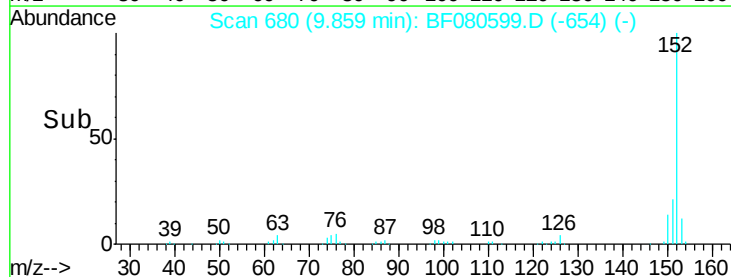
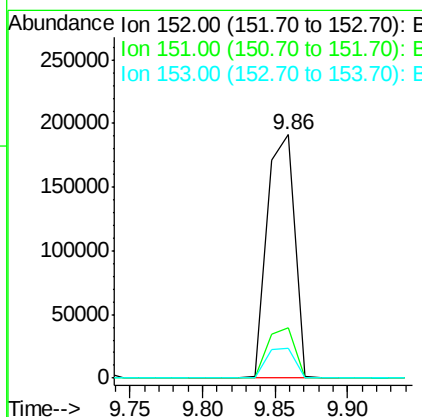
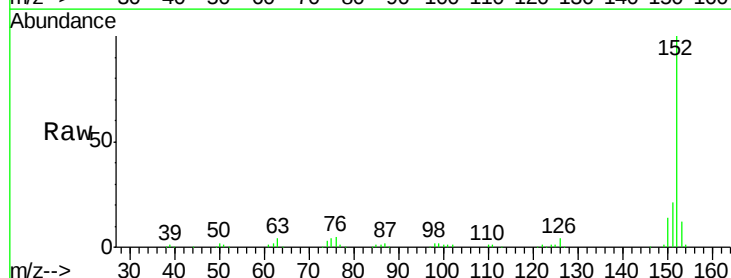
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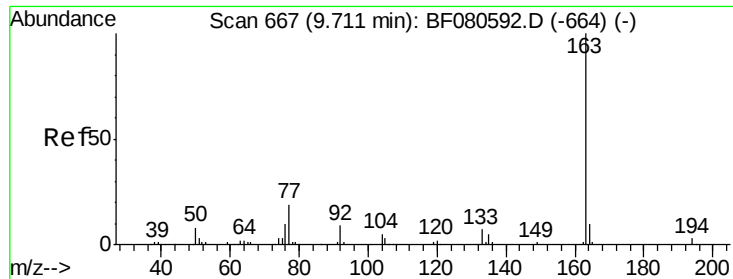
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#48
 Acenaphthylene
 Concen: 37.48 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion: 152 Resp: 250733
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.4 24.6
 153 12.0 9.7 14.5





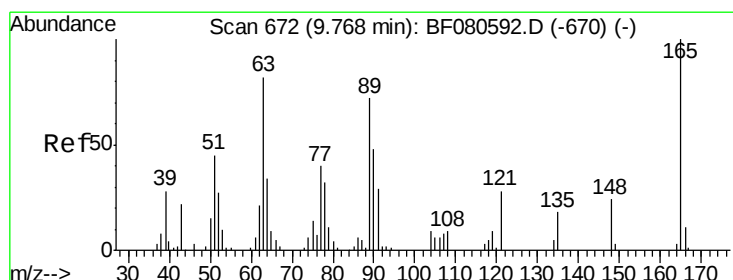
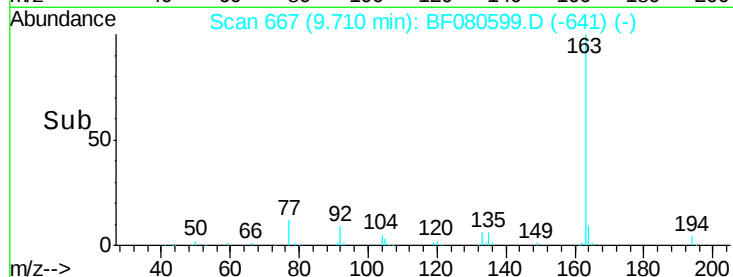
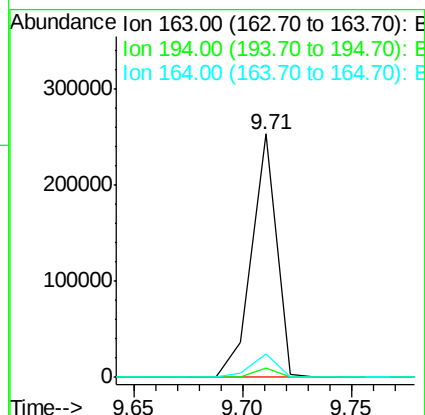
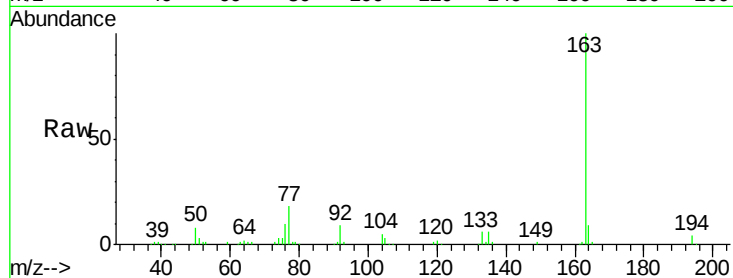
#49
Dimethylphthalate
Concen: 39.80 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.5	3.7
164	9.4	8.1	12.1

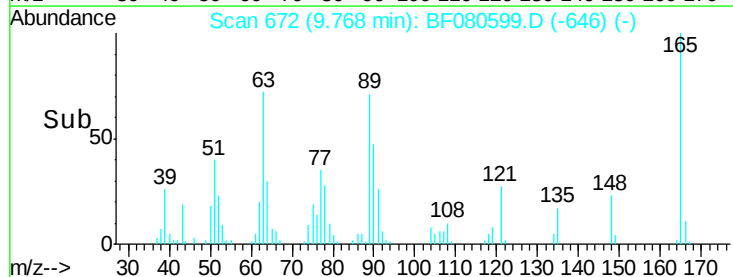
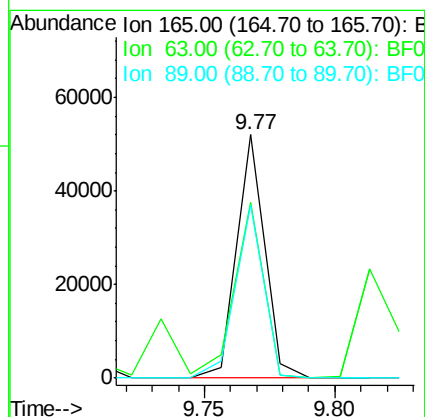
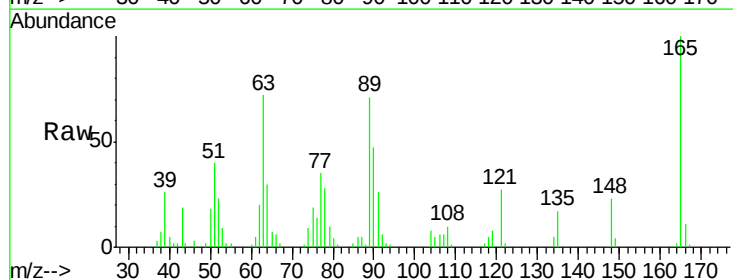
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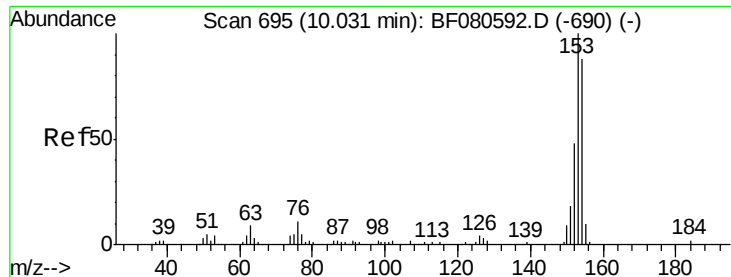
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#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.1	59.0	88.6
89	71.0	56.9	85.3





#51

Acenaphthene

Concen: 41.40 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF080599.D

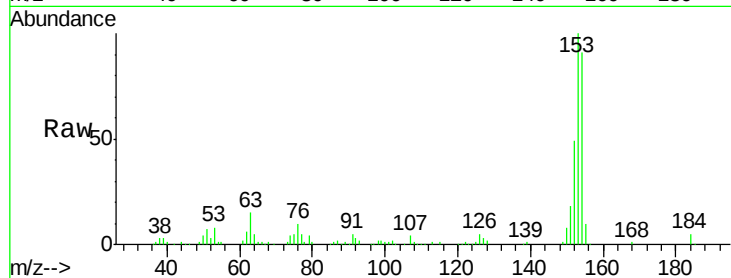
Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

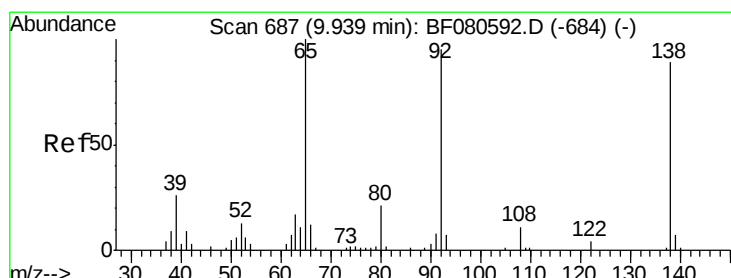
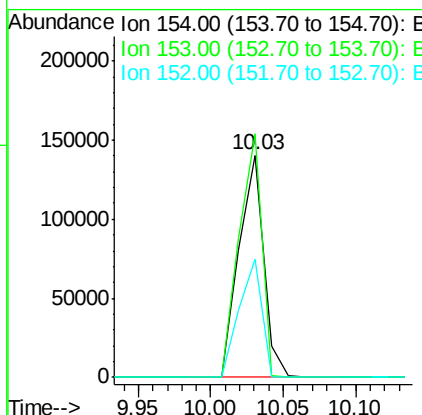
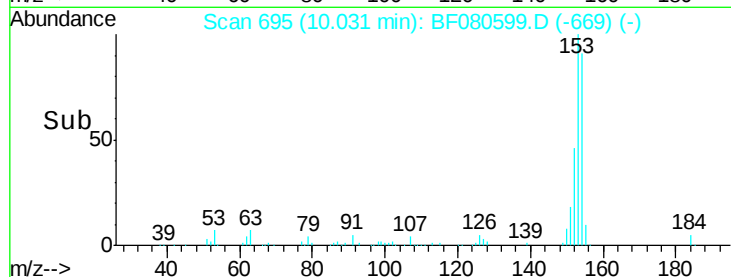
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	166370		
153	109.7	92.2	138.2	
152	53.5	43.6	65.4	

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#52

3-Nitroaniline

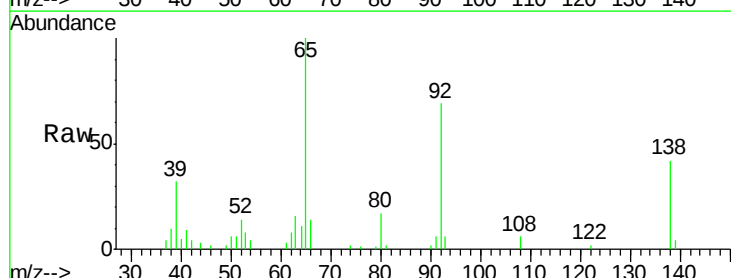
Concen: 15.97 ng

RT: 9.93 min Scan# 686

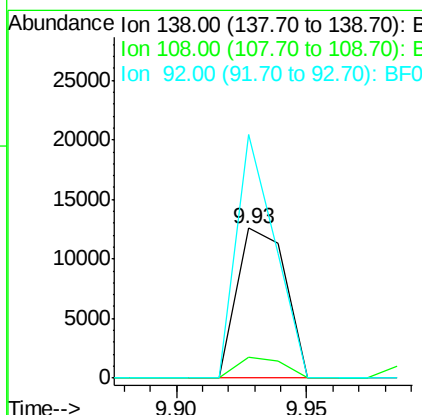
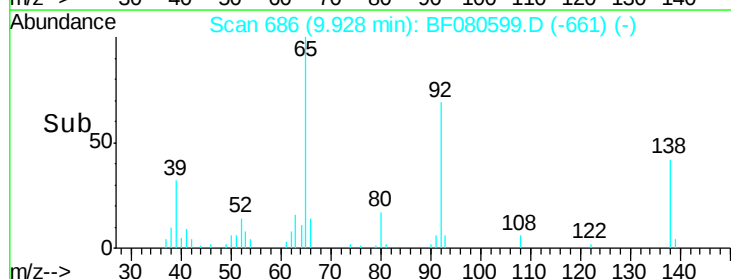
Delta R.T. -0.01 min

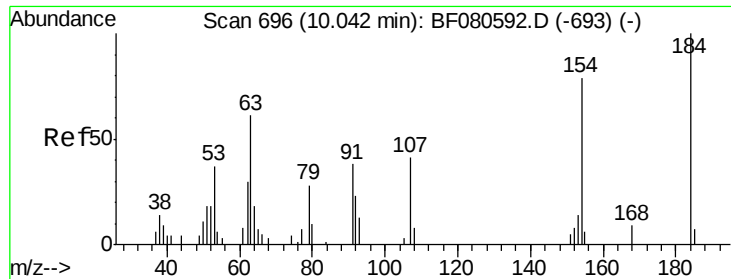
Lab File: BF080599.D

Acq: 23 Jul 2015 18:45



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	16391		
108	13.9	13.7	20.5	
92	162.3	81.0	121.4	





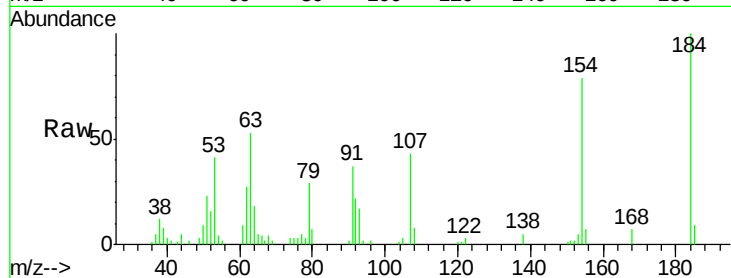
#53
2,4-Dinitrophenol
Concen: 71.75 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

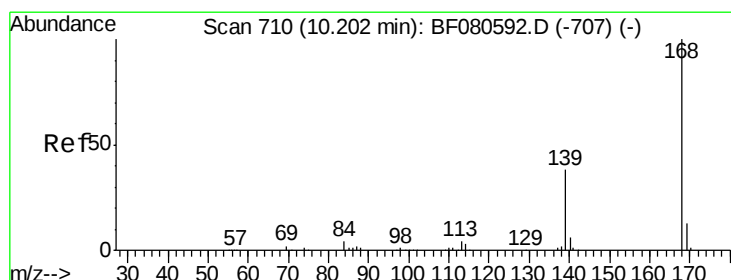
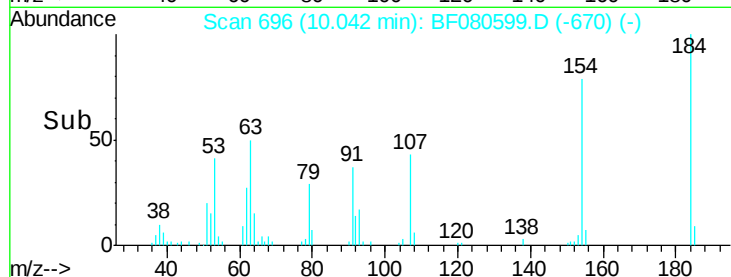
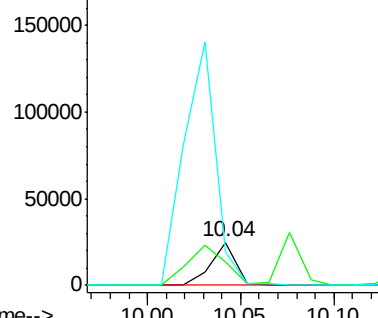
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	23516		
63	53.5	54.9	82.3#	
154	79.1	94.2	141.4#	

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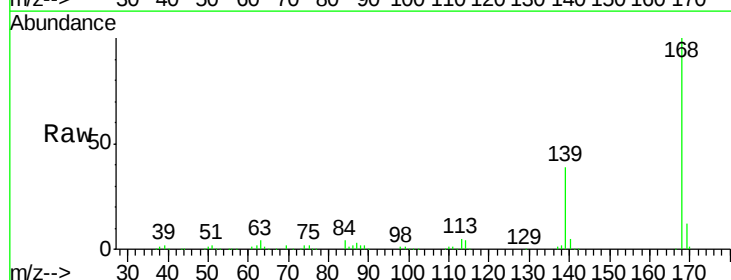


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

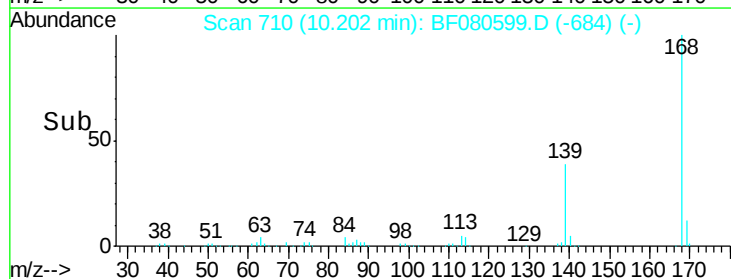
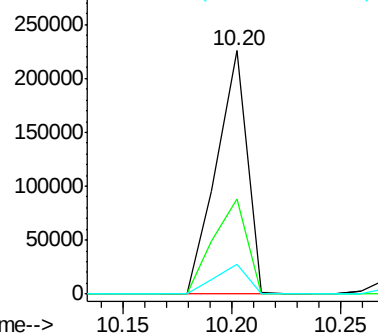


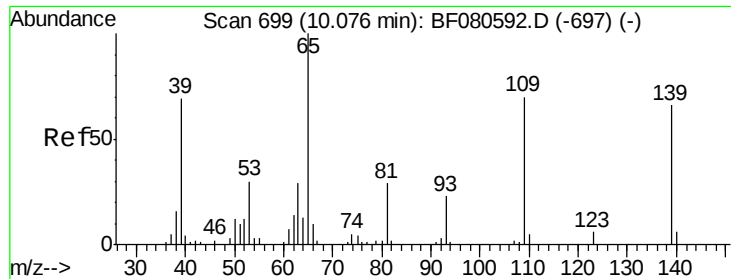
#54
Dibenzofuran
Concen: 38.14 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	221547		
139	39.1	30.7	46.1	
169	12.5	9.8	14.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





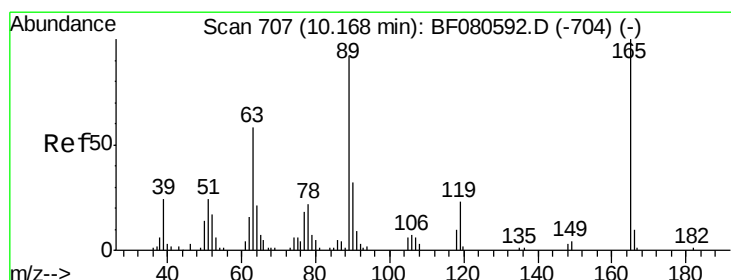
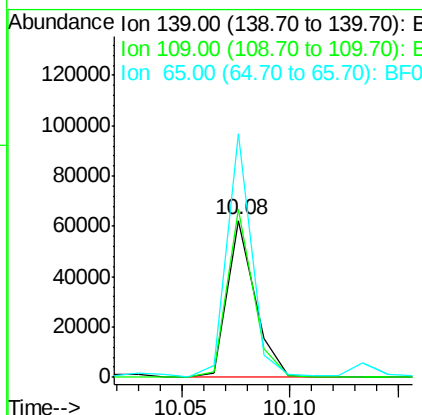
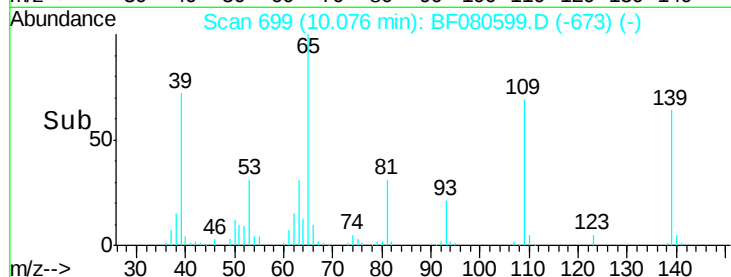
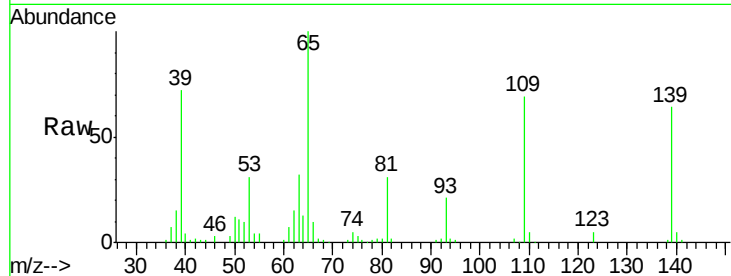
#55
4-Nitrophenol
Concen: 74.48 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion:139 Resp: 55224
Ion Ratio Lower Upper
139 100
109 107.2 75.9 115.9
65 155.2 109.4 149.4#

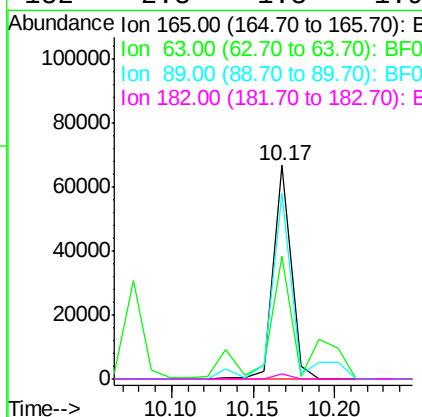
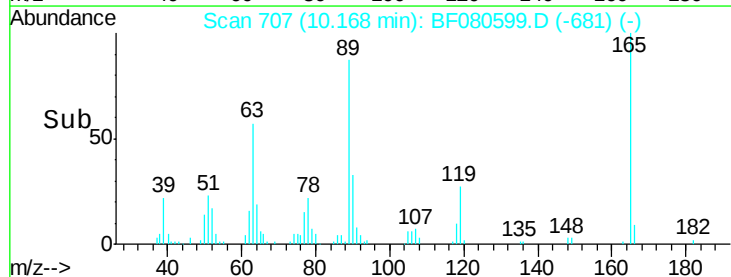
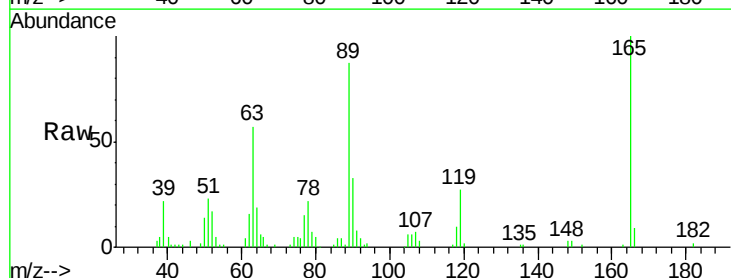
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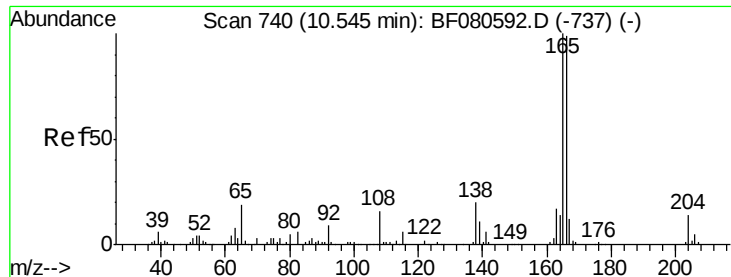
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#56
2,4-Dinitrotoluene
Concen: 43.03 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:165 Resp: 50867
Ion Ratio Lower Upper
165 100
63 57.3 48.1 72.1
89 86.9 77.4 116.0
182 2.3 1.3 1.9#





#57

Fluorene

Concen: 37.94 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

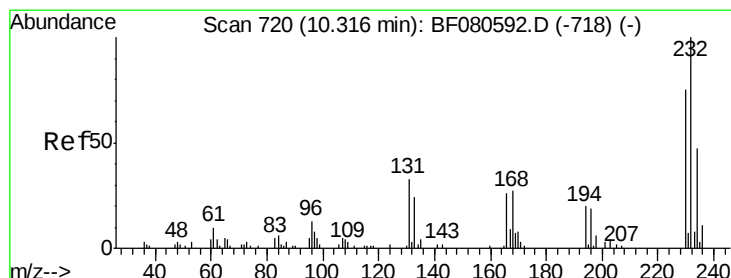
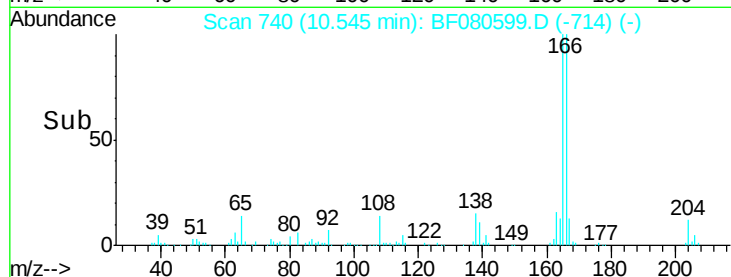
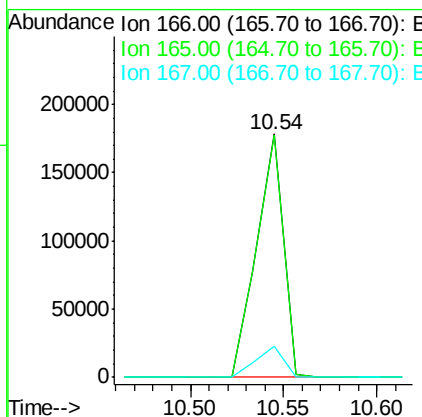
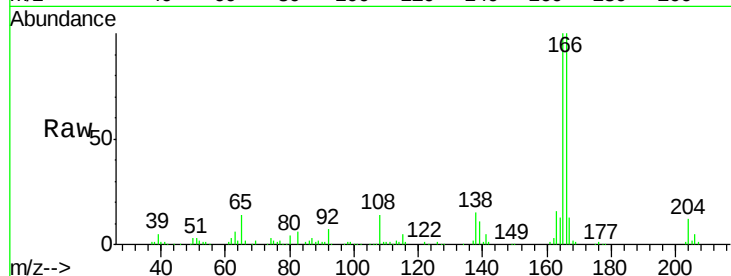
ClientSampleId :

PB84631BS

Tgt Ion:	166	Resp:	176927
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.7	116.5
167	12.6	10.5	15.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

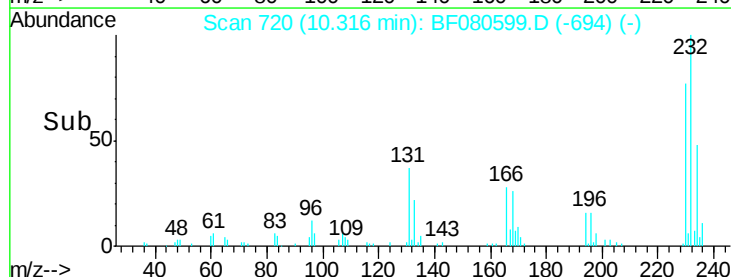
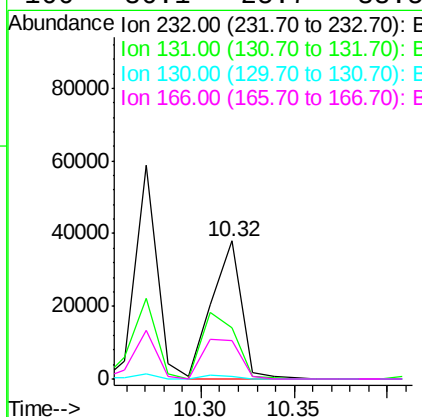
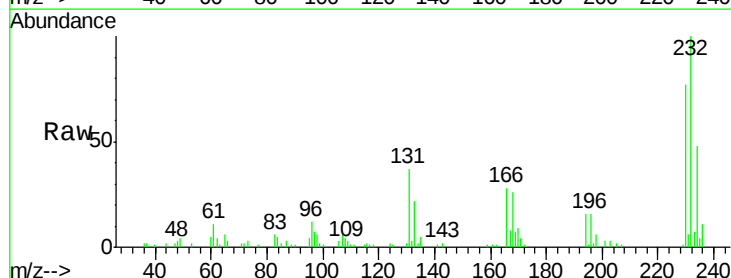
RT: 10.32 min Scan# 720

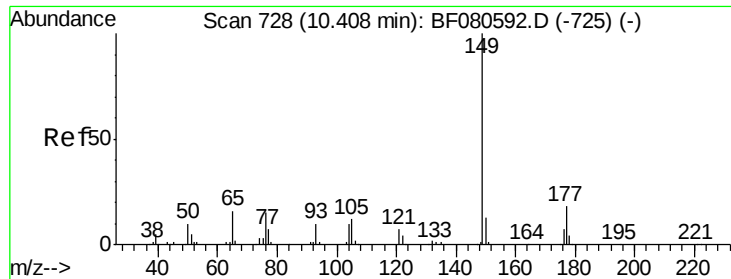
Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	232	Resp:	41875
Ion Ratio	Lower	Upper	
232	100		
131	54.6	41.4	62.0
130	3.1	1.9	2.9#
166	36.1	25.7	38.5





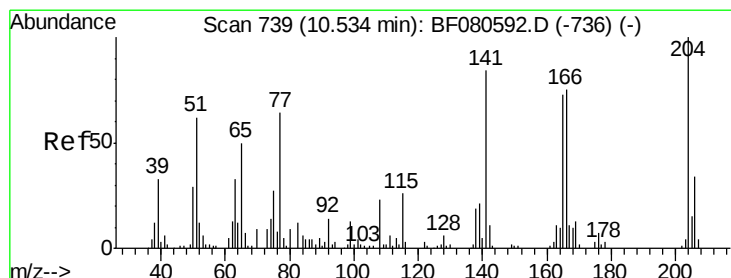
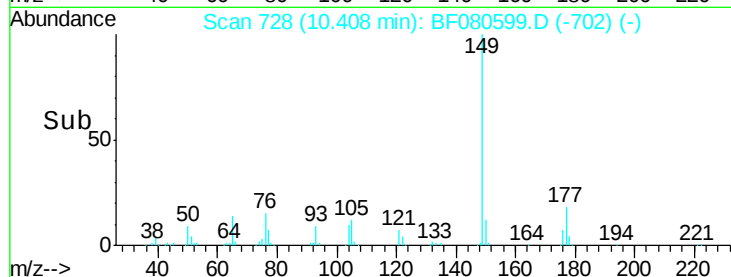
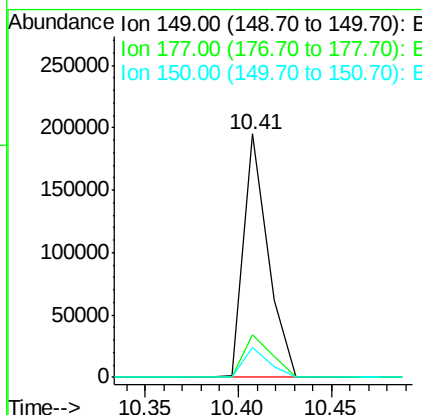
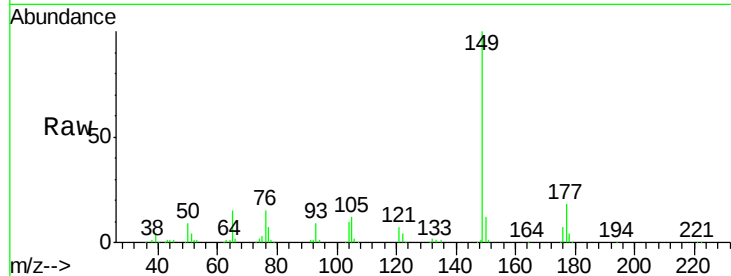
#59
Diethylphthalate
Concen: 37.81 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	178070		
177	17.7	14.9	22.3	
150	12.4	10.0	15.0	

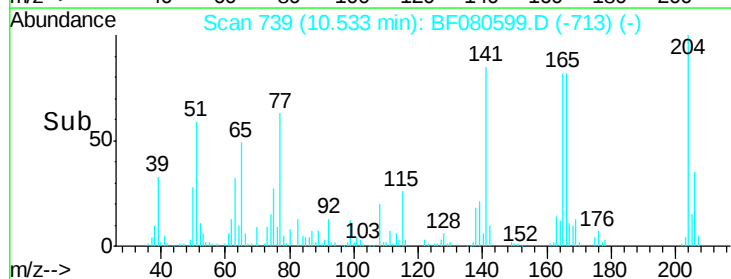
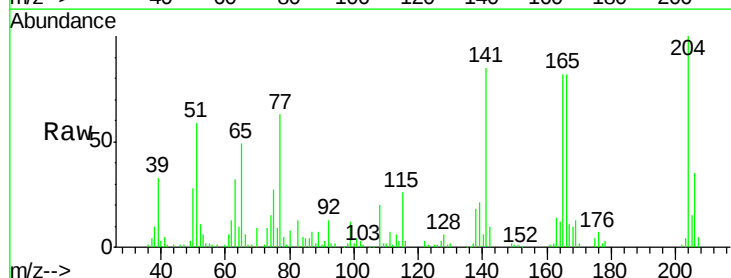
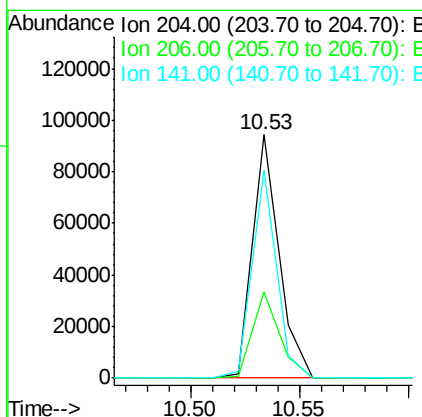
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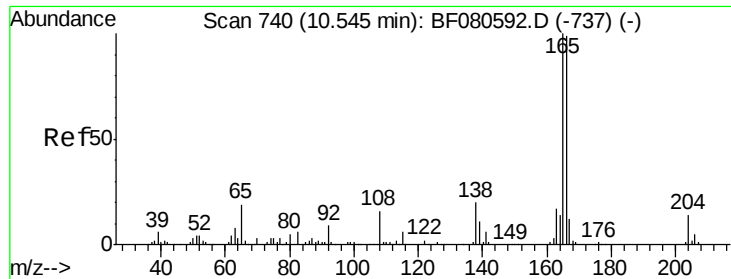
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#60
4-Chlorophenyl-phenylether
Concen: 38.20 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	79999		
206	35.2	27.1	40.7	
141	85.3	68.3	102.5	





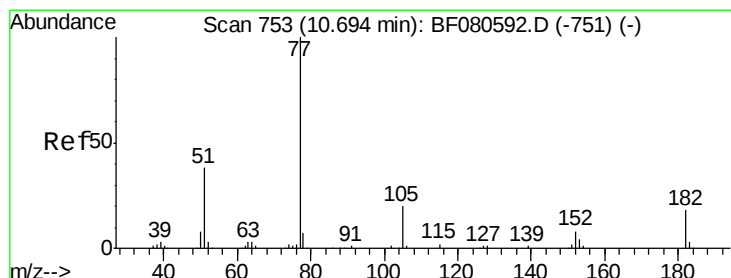
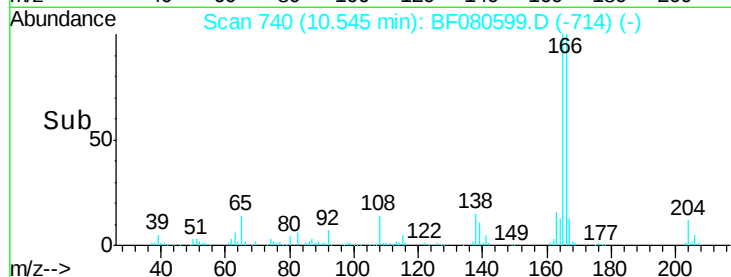
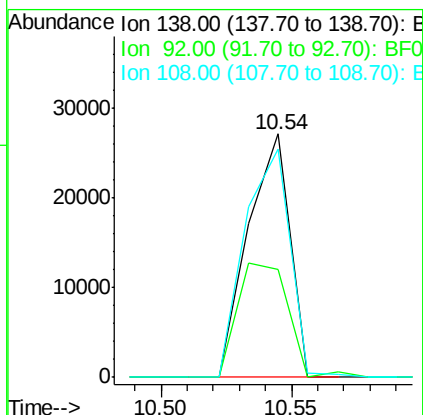
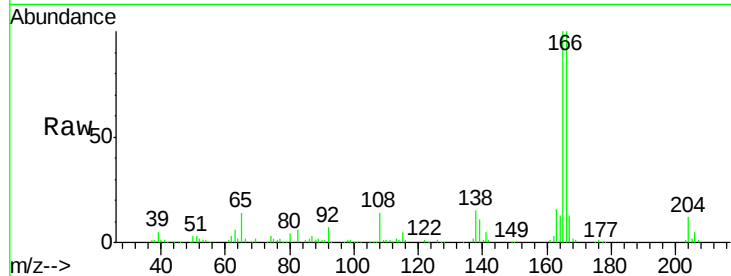
#61
4-Nitroaniline
Concen: 29.41 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	30400		
92	44.3	22.6	62.6	
108	93.8	62.0	102.0	

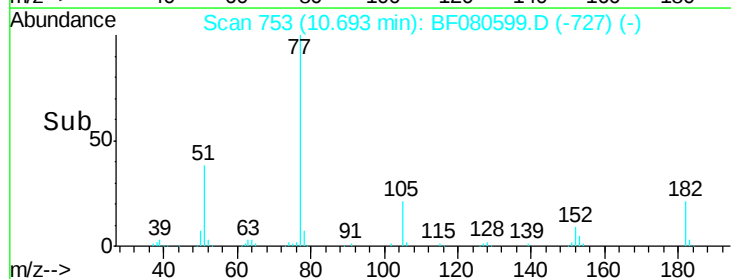
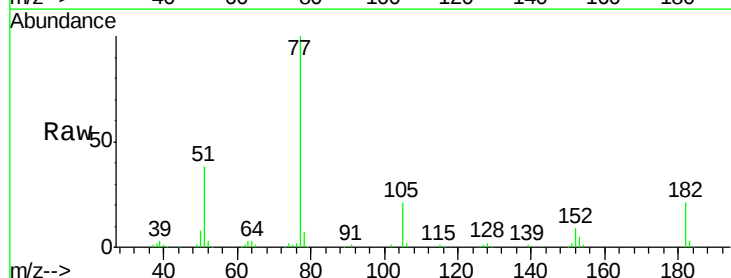
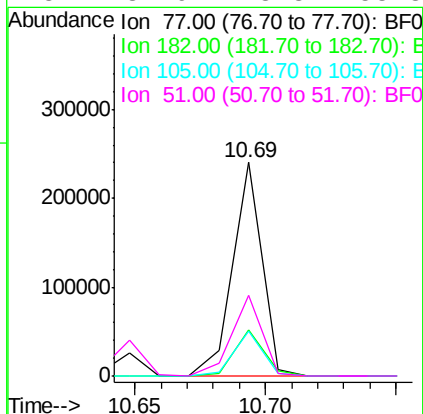
Manual Integrations
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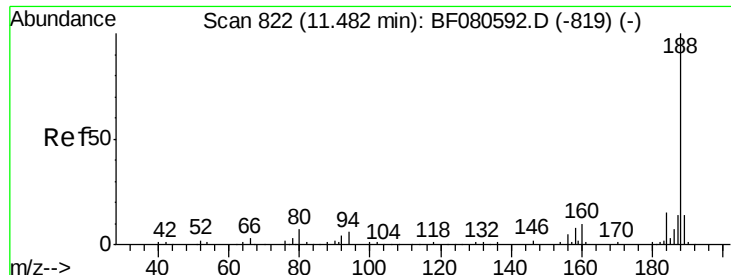
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#62
Azobenzene
Concen: 38.49 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	189852		
182	21.3	0.0	37.8	
105	20.9	0.1	40.1	
51	37.9	18.8	58.8	





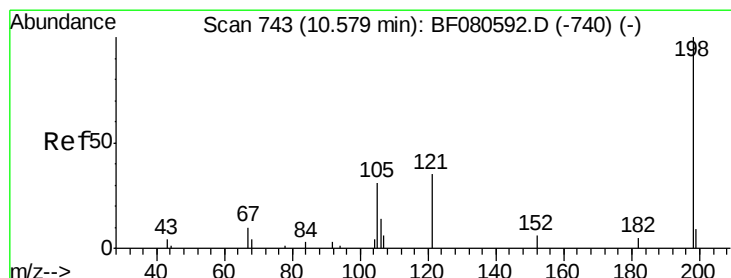
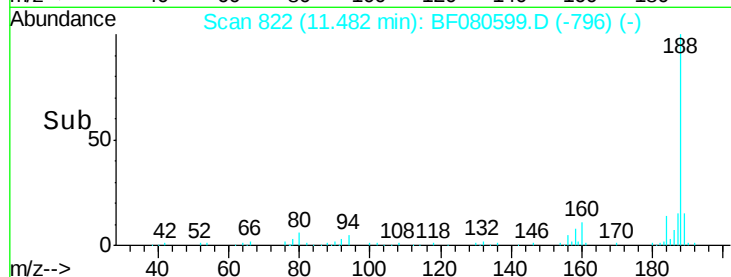
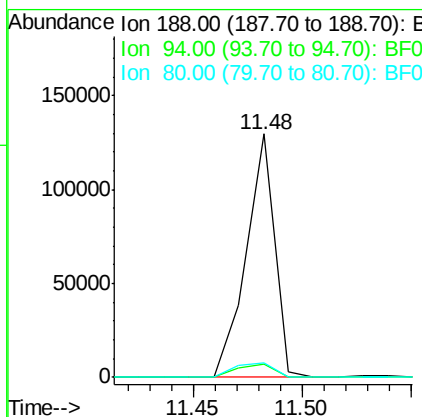
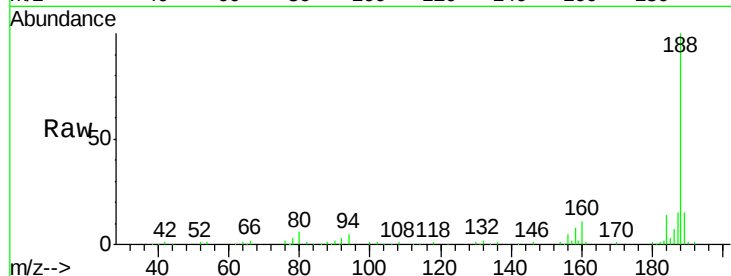
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.5	6.1	9.1#
80	5.9	7.0	10.6#

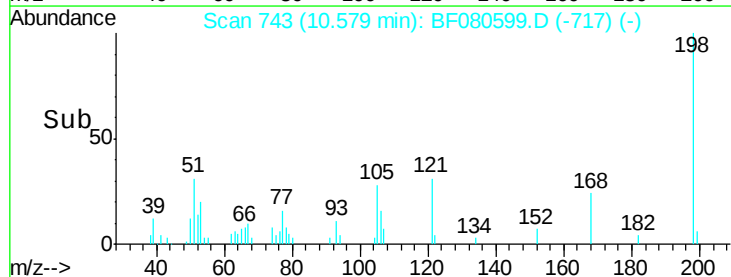
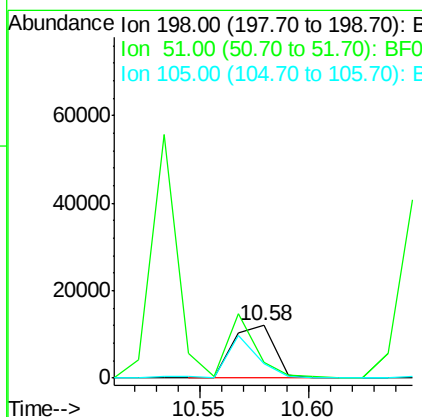
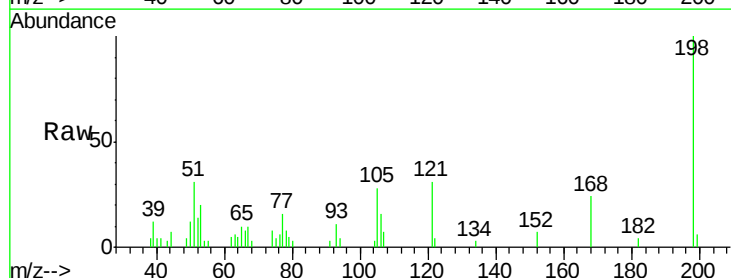
Manual Integrations
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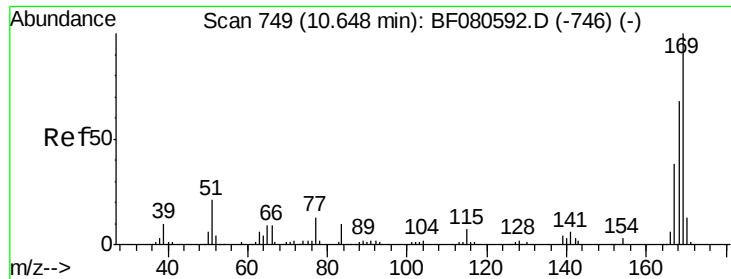
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	30.7	32.0	72.0#
105	27.5	16.3	56.3





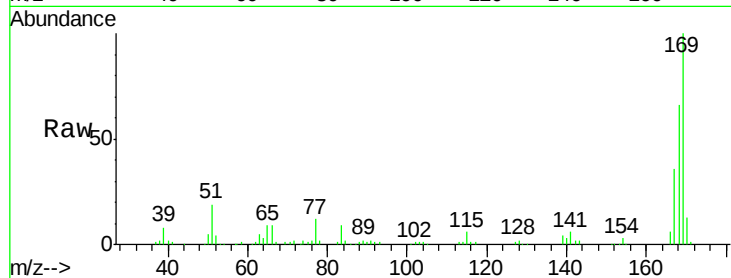
#65
n-Nitrosodiphenylamine
Concen: 42.36 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

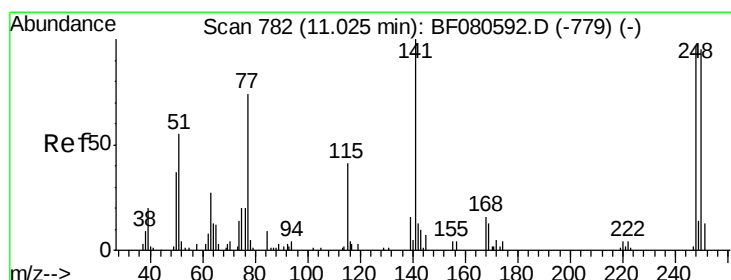
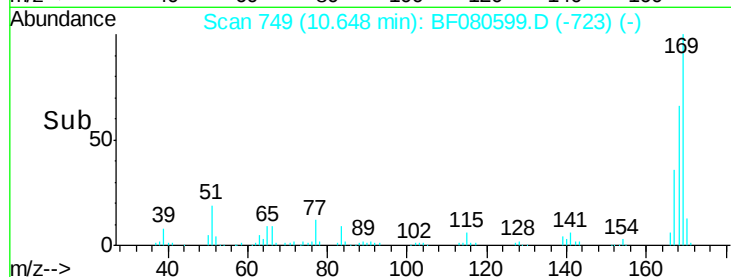
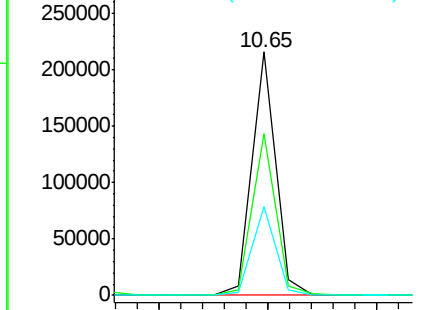
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	163122		
168	66.4	53.3	79.9	
167	36.3	29.8	44.6	

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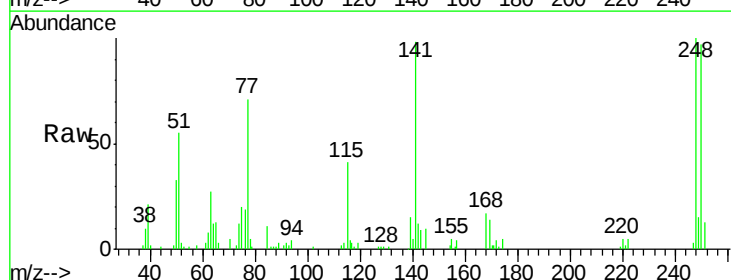


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

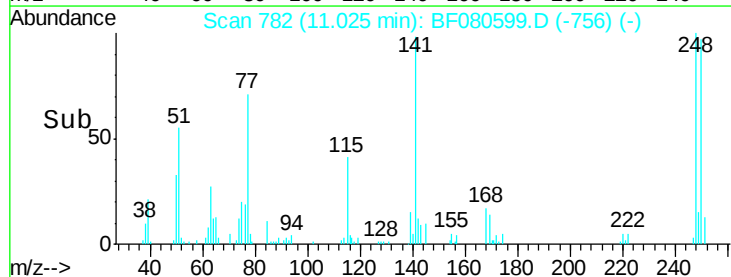
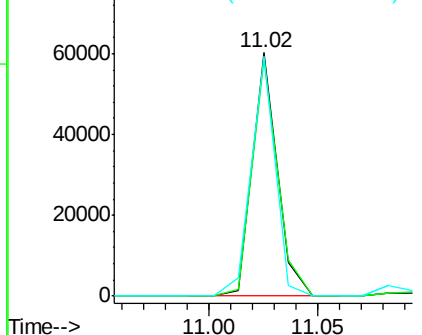


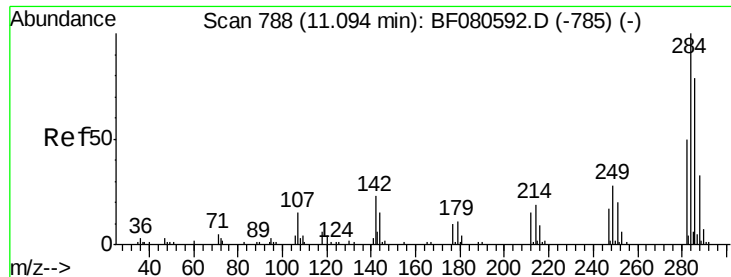
#66
4-Bromophenyl-phenylether
Concen: 40.34 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	48122		
250	97.5	75.4	113.2	
141	98.4	93.4	140.0	



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: 38.24 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

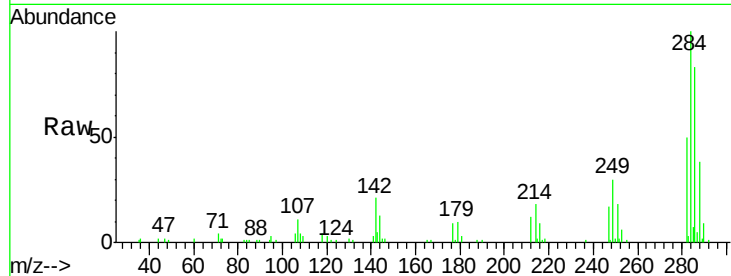
PB84631BS

Tgt Ion:	284	Resp:	51507
Ion Ratio	Lower	Upper	
284	100		
142	20.9	22.4	33.6#
249	30.3	25.0	37.4

Manual Integrations
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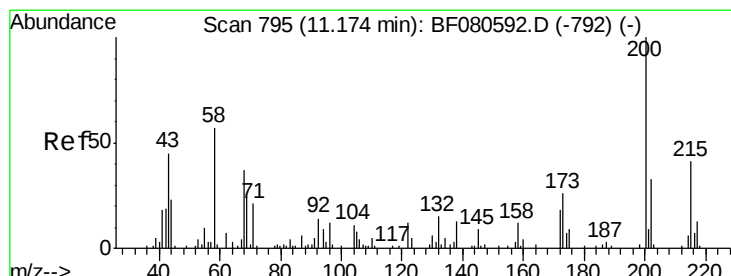
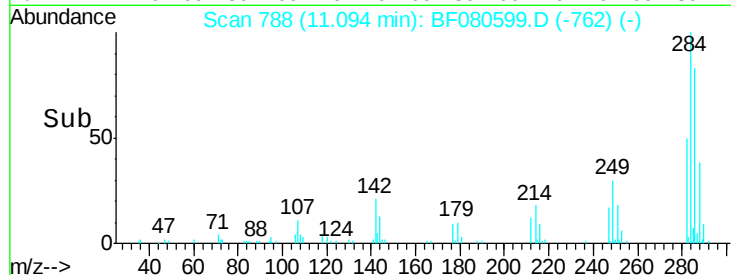
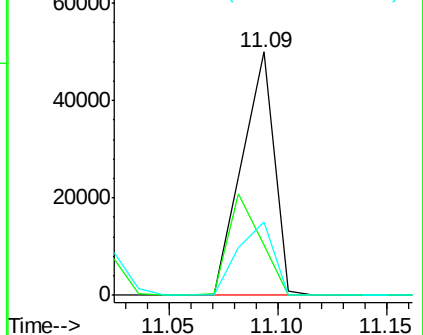
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.08 ng

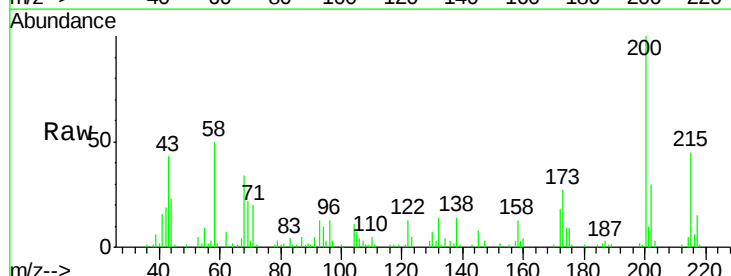
RT: 11.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

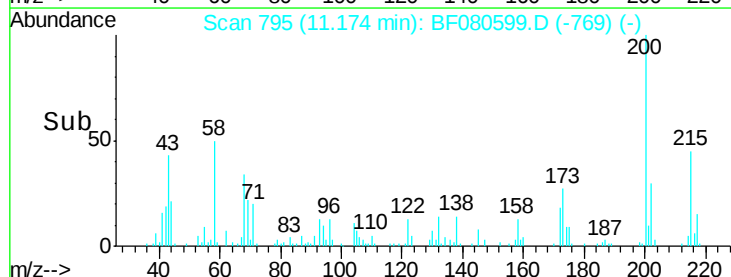
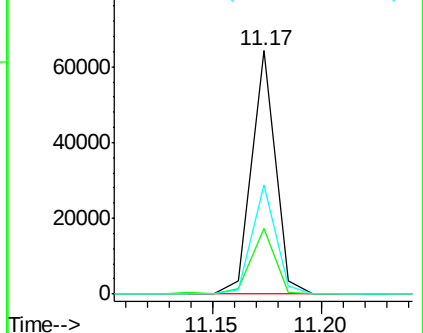
Tgt Ion:	200	Resp:	48754
Ion Ratio	Lower	Upper	
200	100		
173	26.9	4.6	44.6
215	44.7	22.9	62.9

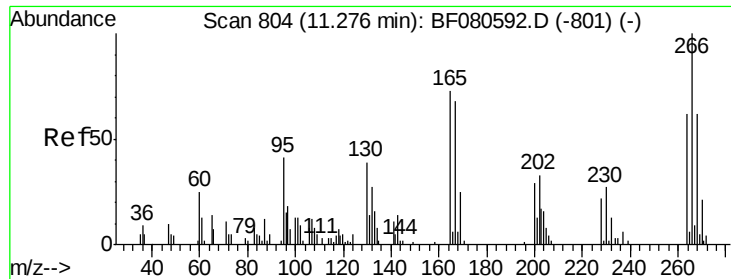


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





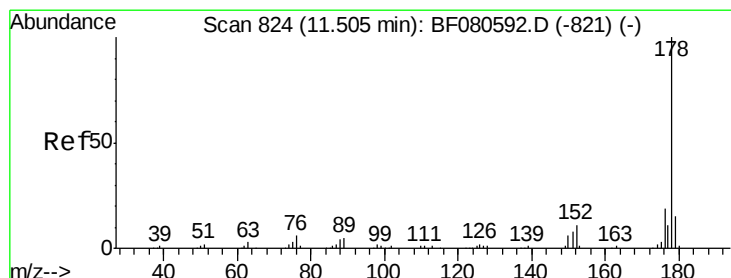
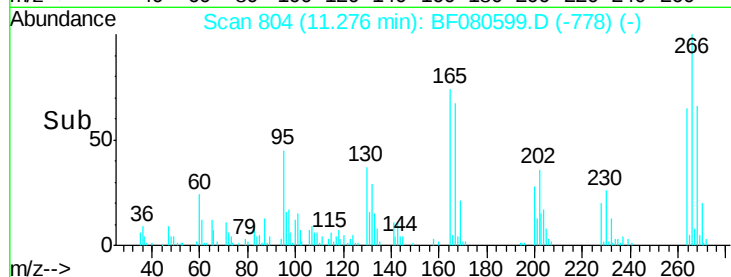
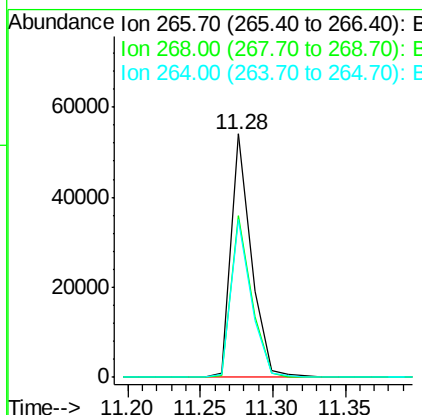
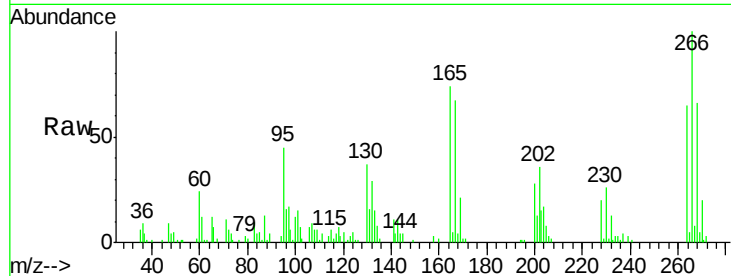
#69
 Pentachlorophenol
 Concen: 83.44 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.5	77.3
264	65.0	48.8	73.2

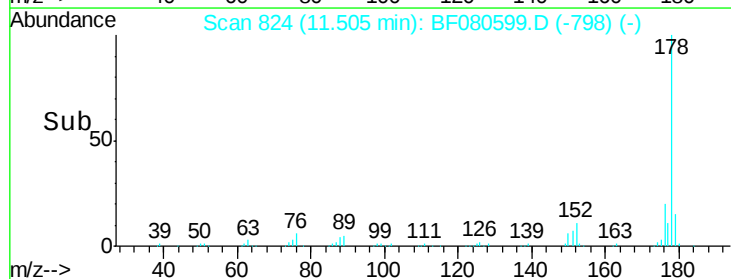
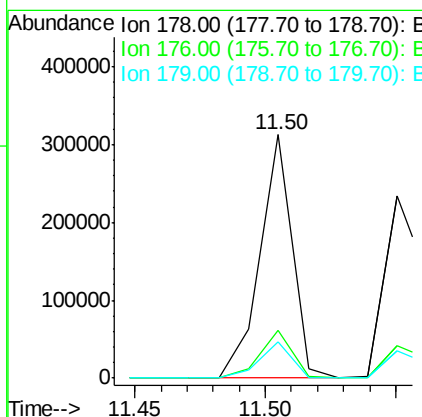
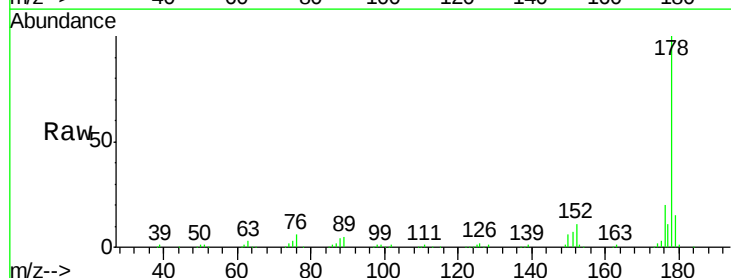
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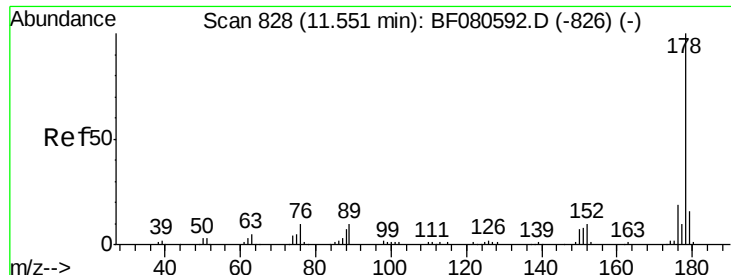
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#70
 Phenanthrene
 Concen: 40.25 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.1	12.5	18.7





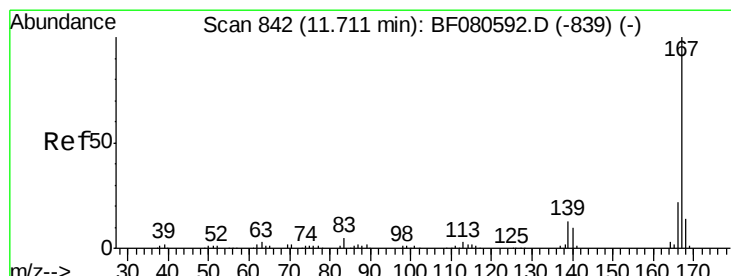
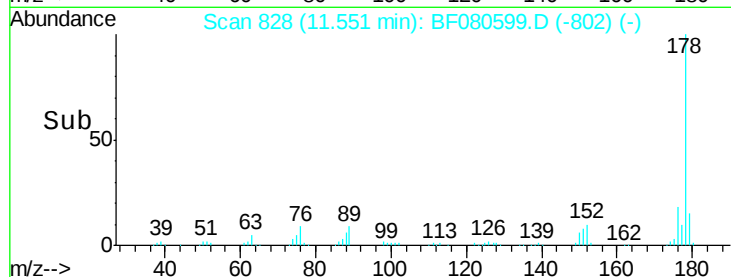
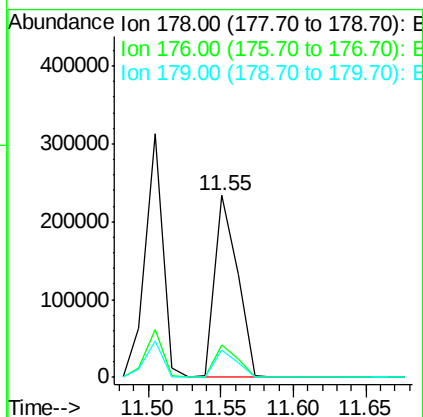
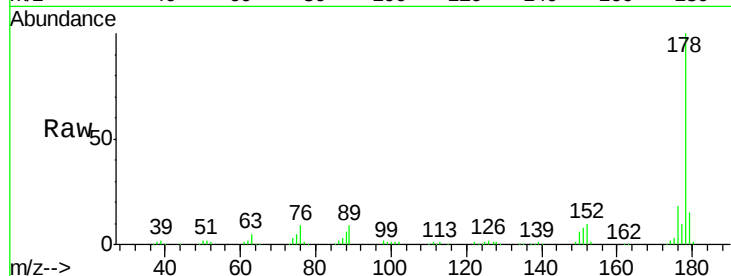
#71
 Anthracene
 Concen: 40.93 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.1	12.0	18.0

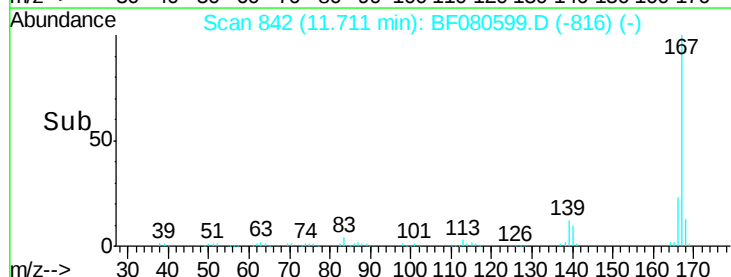
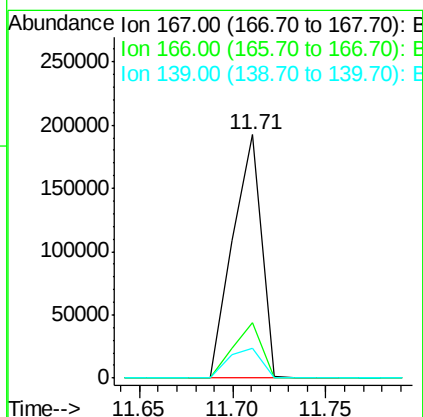
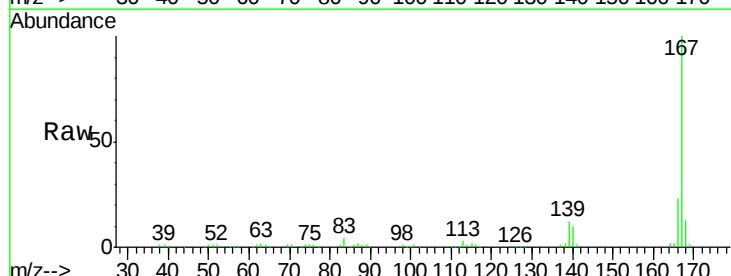
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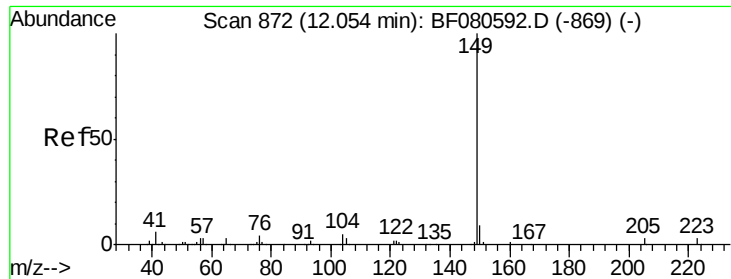
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#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.71 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	12.2	10.7	16.1





#73

Di-n-butylphthalate

Concen: 37.47 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

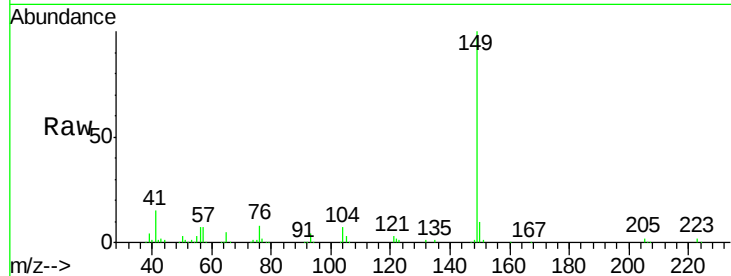
ClientSampleId :

PB84631BS

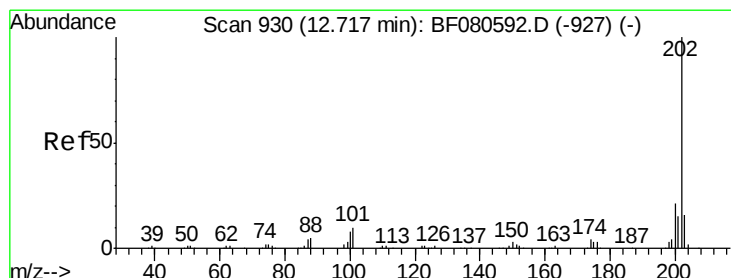
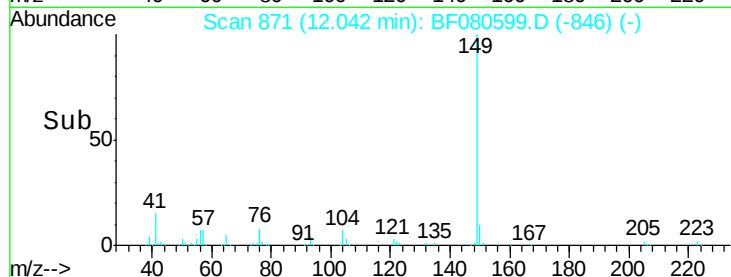
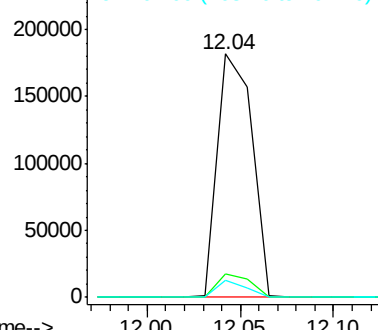
Tgt Ion:	149	Resp:	233618
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.2	10.8
104	7.2	3.8	5.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.82 ng

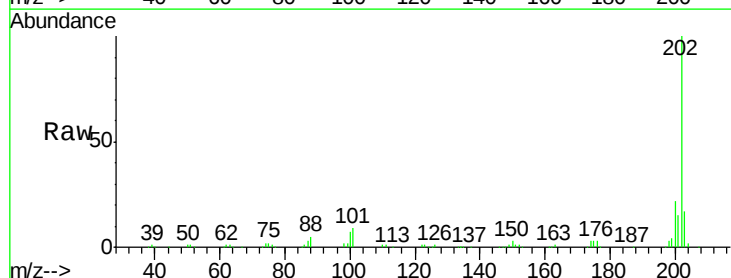
RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

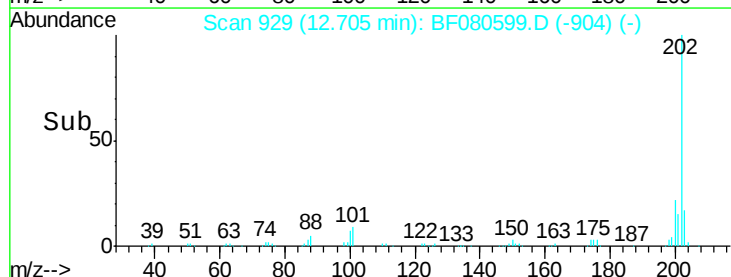
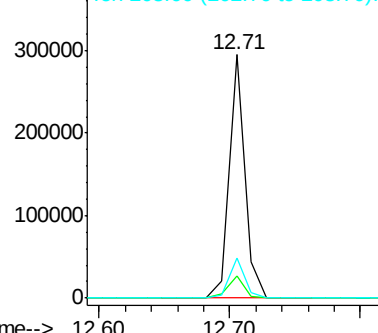
Lab File: BF080599.D

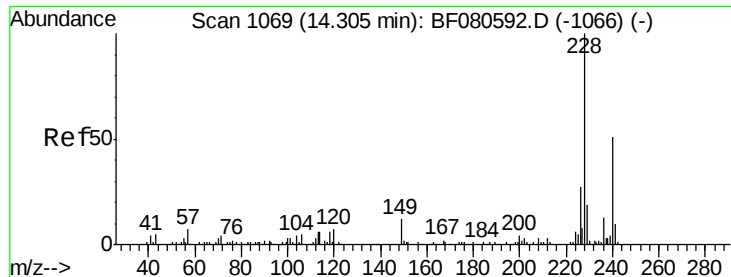
Acq: 23 Jul 2015 18:45

Tgt Ion:	202	Resp:	247928
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	31.1
203	16.7	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.05 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

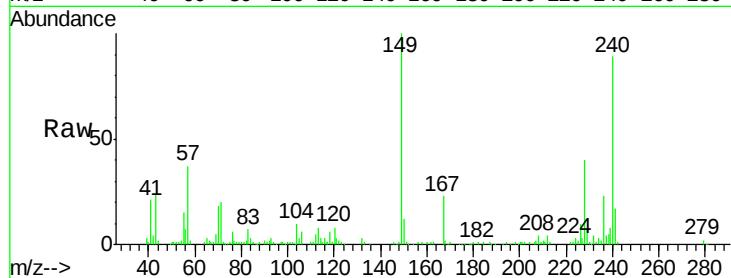
ClientSampleId :

PB84631BS

Tgt Ion:	240	Resp:	100046
Ion Ratio		Lower	Upper
240	100		
120	9.4	9.9	14.9#
236	25.7	19.1	28.7

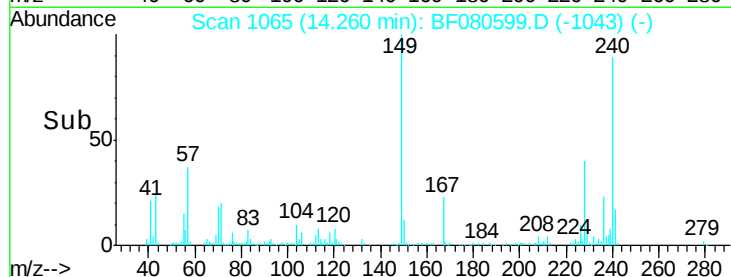
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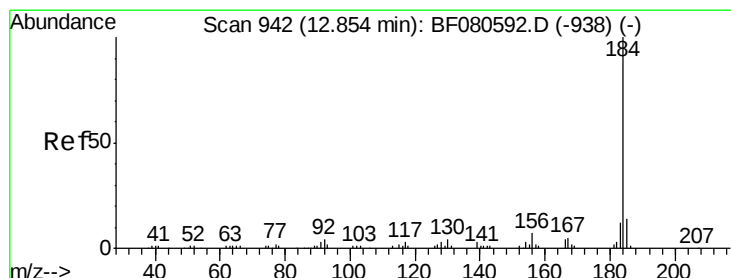


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.26



Time-->



#76

Benzidine

Concen: 12.75 ng

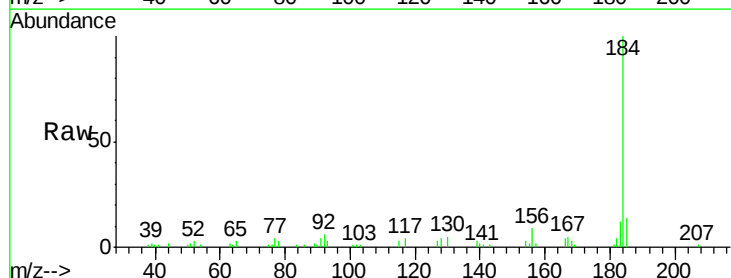
RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF080599.D

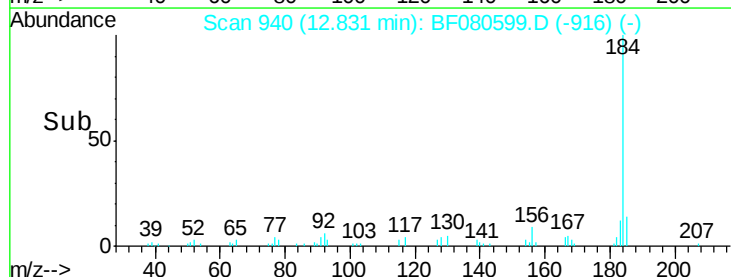
Acq: 23 Jul 2015 18:45

Tgt Ion:	184	Resp:	37497
Ion Ratio		Lower	Upper
184	100		
185	13.7	11.2	16.8
183	11.5	9.6	14.4

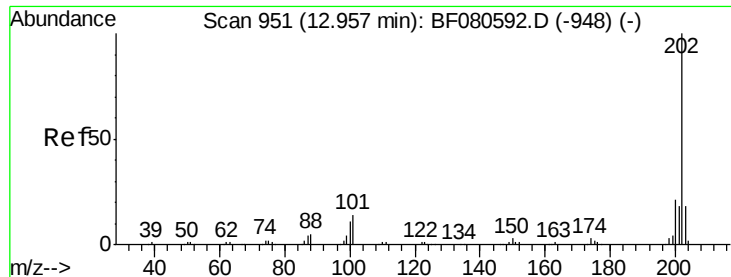


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.83



Time-->



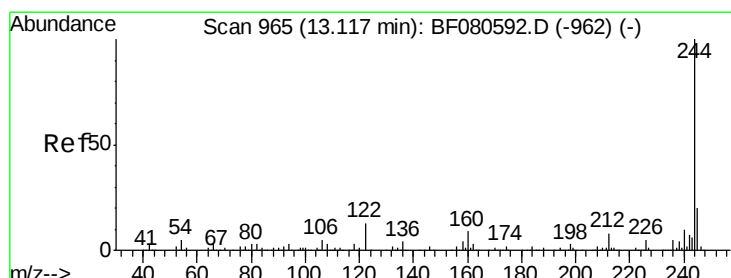
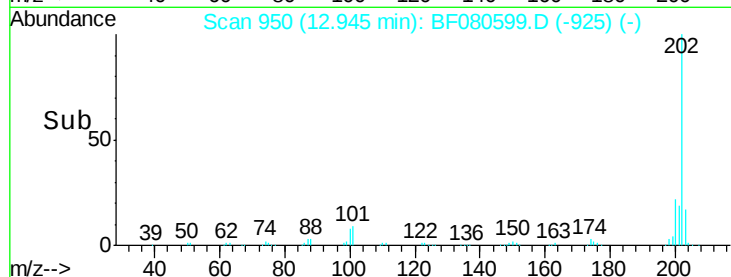
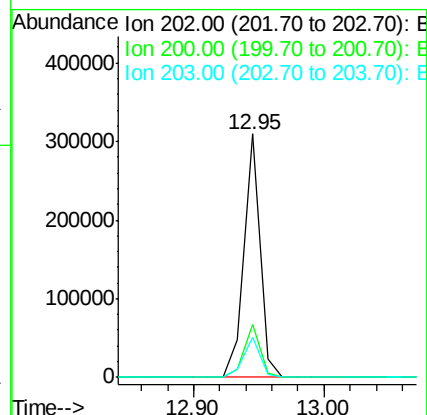
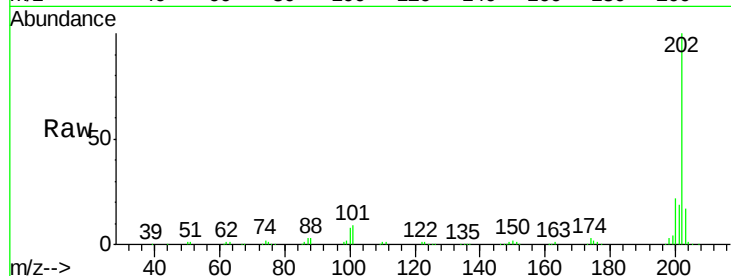
#77
 Pyrene
 Concen: 39.29 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	16.9	25.3
203	16.5	14.5	21.7

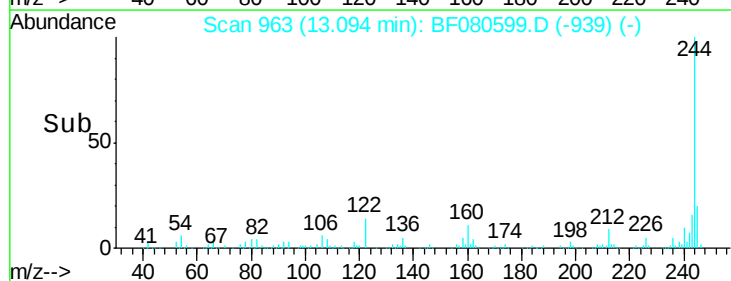
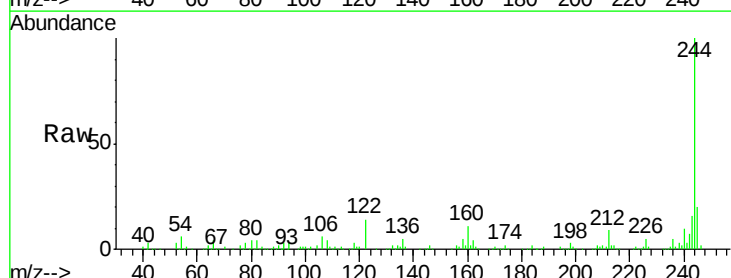
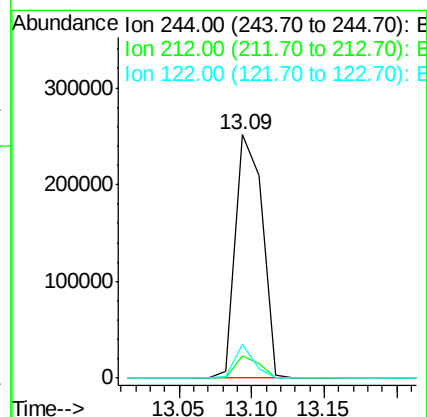
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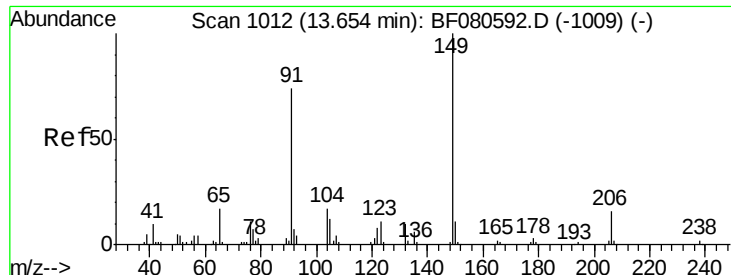
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#78
 Terphenyl-d14
 Concen: 67.87 ng
 RT: 13.09 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.1	6.0	9.0#
122	14.0	8.2	12.2#





#79

Butylbenzylphthalate

Concen: 38.07 ng

RT: 13.62 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

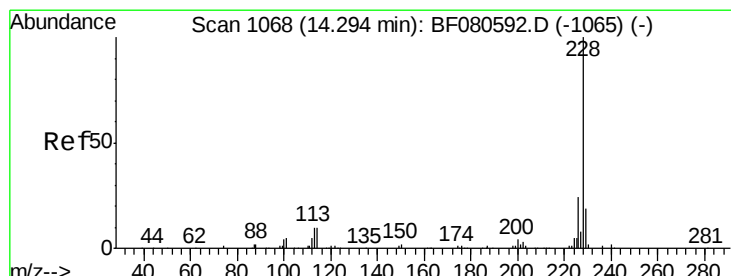
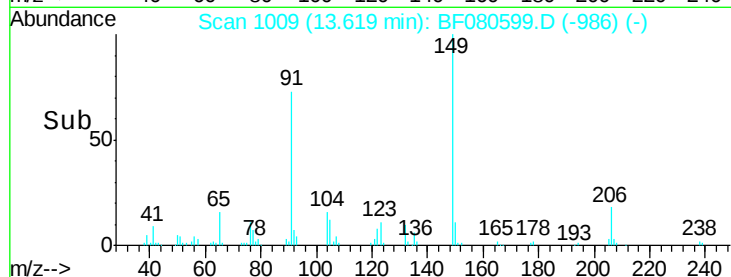
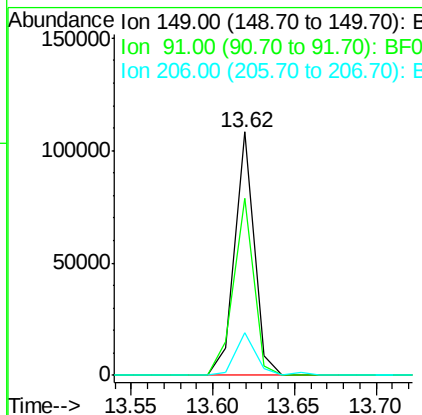
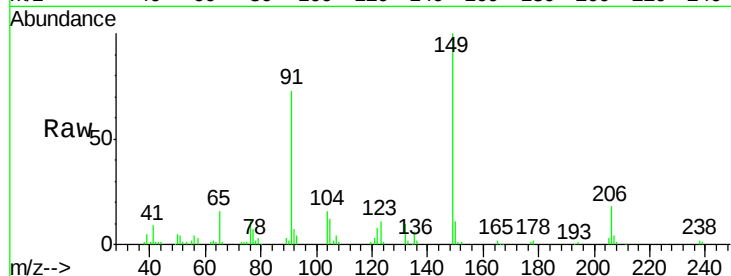
ClientSampled :

PB84631BS

Tgt Ion:	149	Resp:	88822
Ion Ratio	Lower	Upper	
149	100		
91	72.6	53.0	79.6
206	17.8	15.0	22.6

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#80

Benzo(a)anthracene

Concen: 39.55 ng

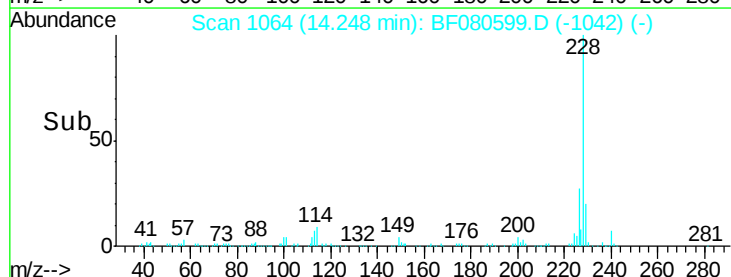
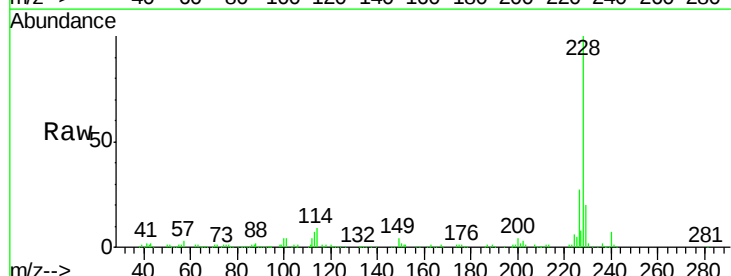
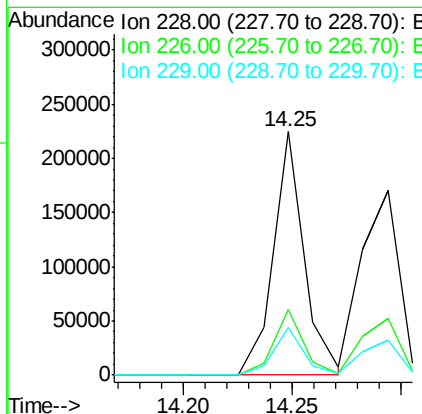
RT: 14.25 min Scan# 1064

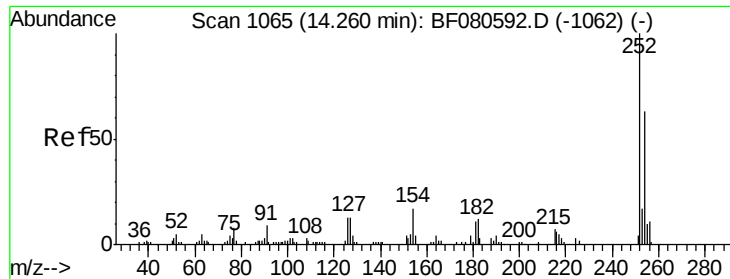
Delta R.T. -0.05 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	228	Resp:	223093
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.0	33.0
229	19.8	15.7	23.5





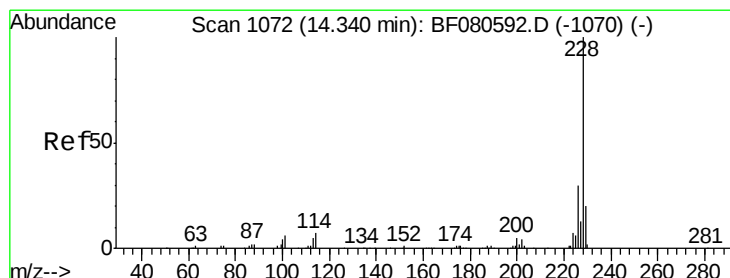
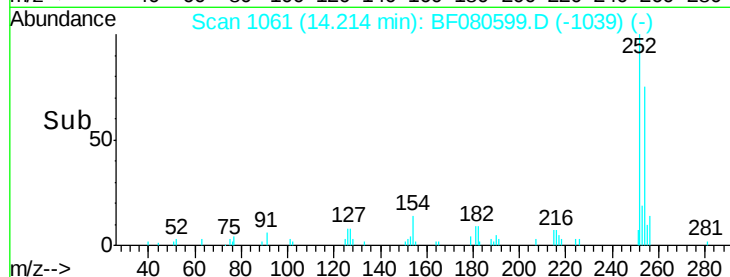
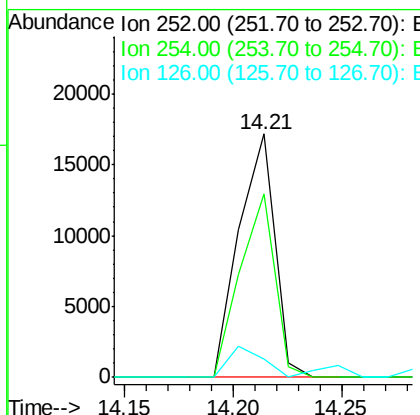
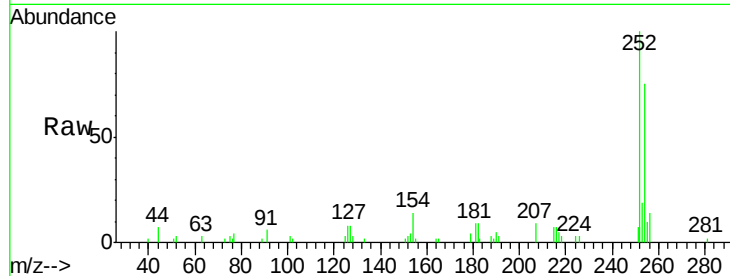
#81
 3,3'-Dichlorobenzidine
 Concen: 12.18 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. -0.05 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19644		
254	75.3	49.2	73.8#	
126	7.6	8.1	12.1#	

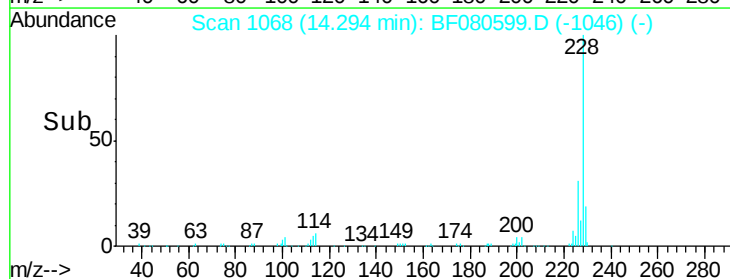
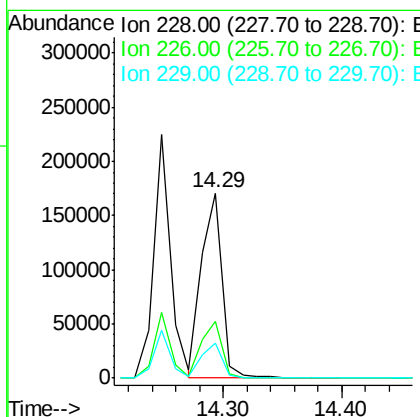
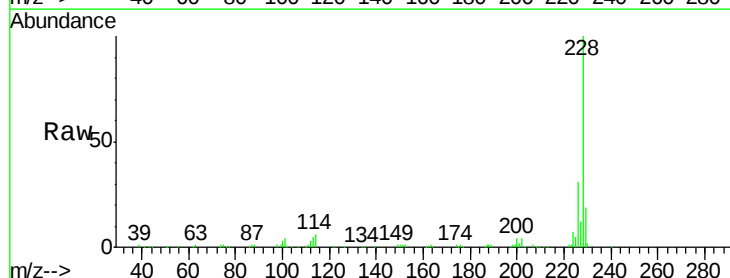
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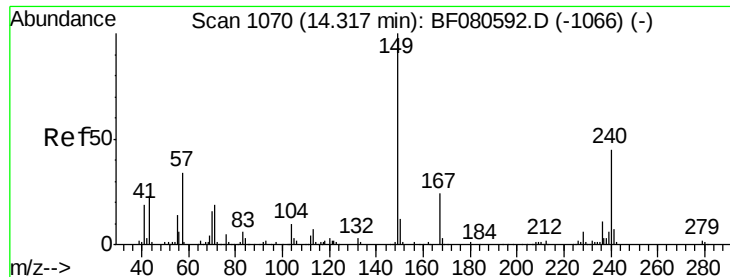
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#82
 Chrysene
 Concen: 37.23 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.05 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	208939		
226	30.7	23.0	34.6	
229	18.7	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.43 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.06 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

Tgt Ion:149 Resp: 122823
Ion Ratio Lower Upper

149 100

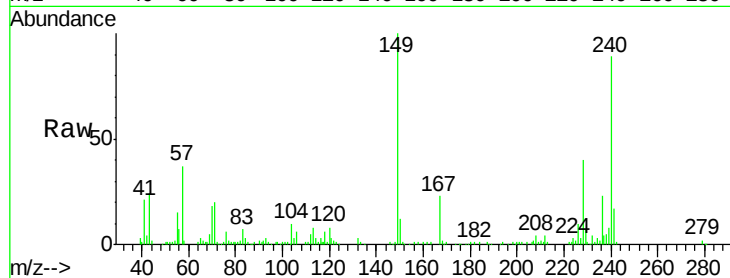
167 23.2 20.2 30.2

279 2.0 2.0 3.0#

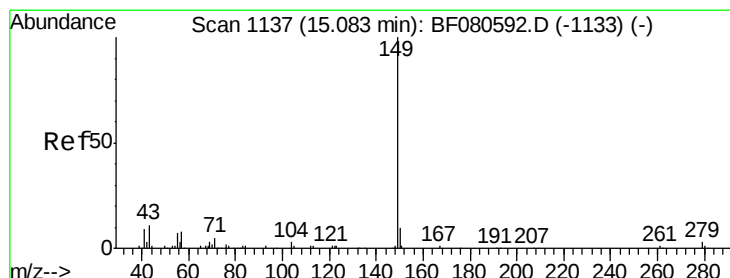
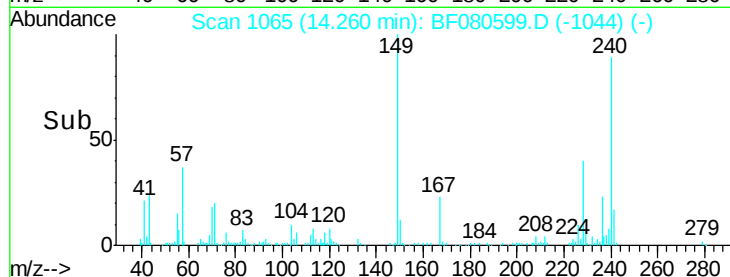
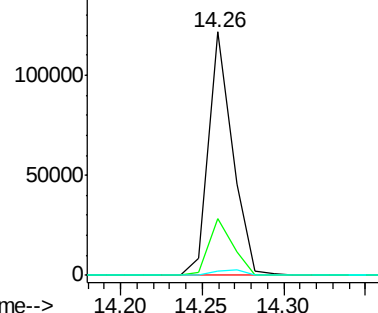
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.61 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

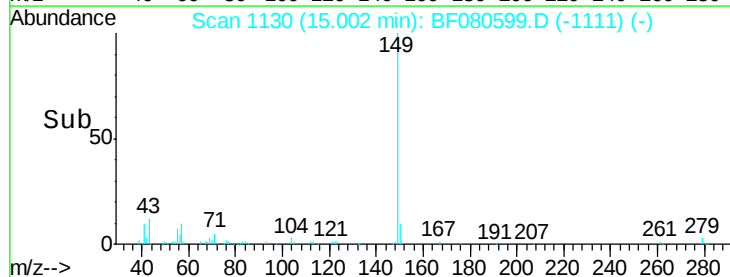
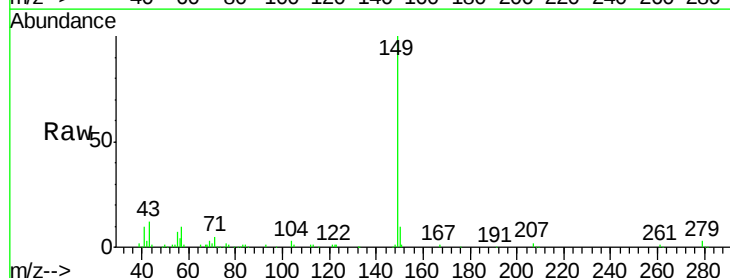
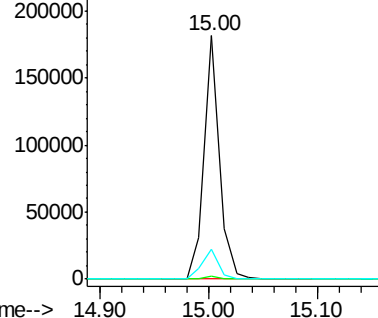
Tgt Ion:149 Resp: 176674
Ion Ratio Lower Upper

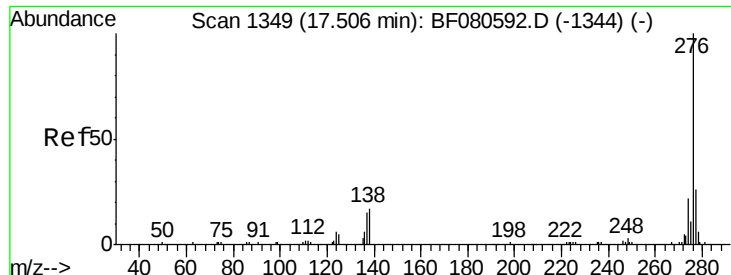
149 100

167 1.4 1.2 1.8

43 13.6 12.5 18.7

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.92 ng

RT: 17.41 min Scan# 1341

Delta R.T. -0.09 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

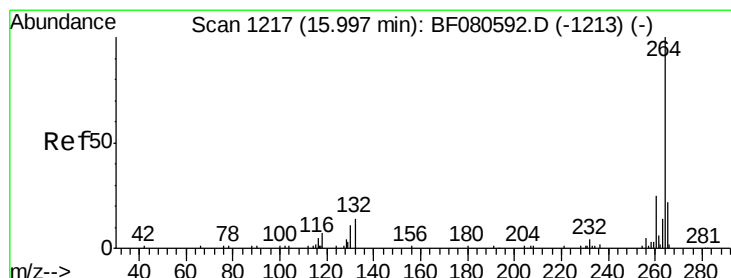
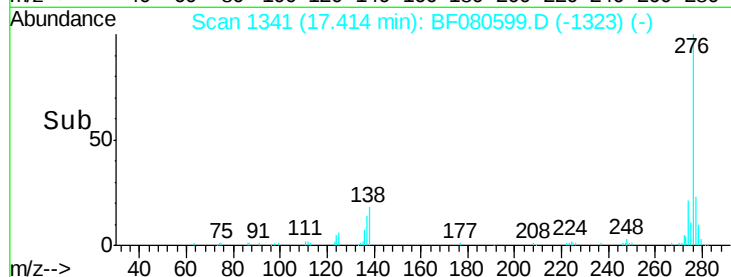
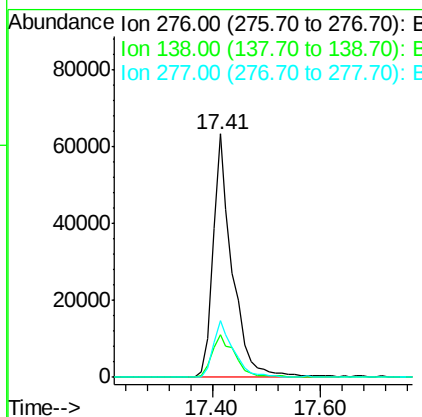
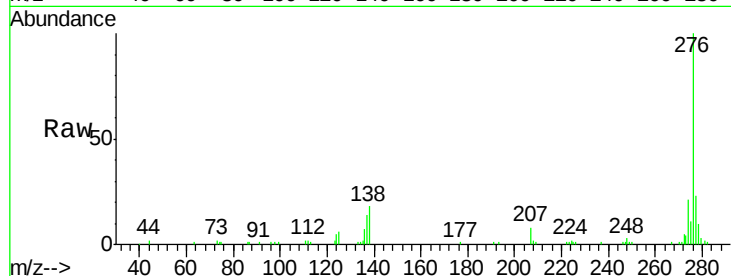
ClientSampleId :

PB84631BS

Tgt Ion:	276	Resp:	156753
Ion Ratio	Lower	Upper	
276	100		
138	20.8	18.9	28.3
277	24.7	19.9	29.9

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#86

Perylene-d12

Concen: 20.00 ng

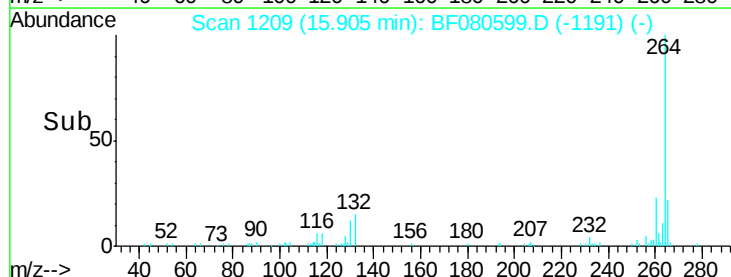
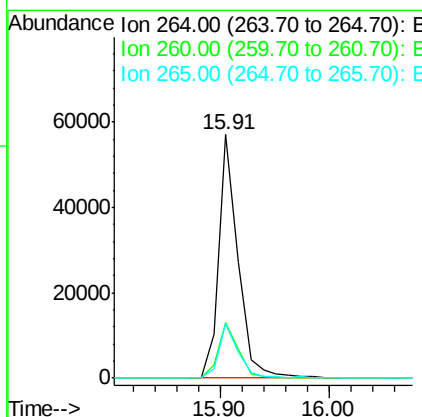
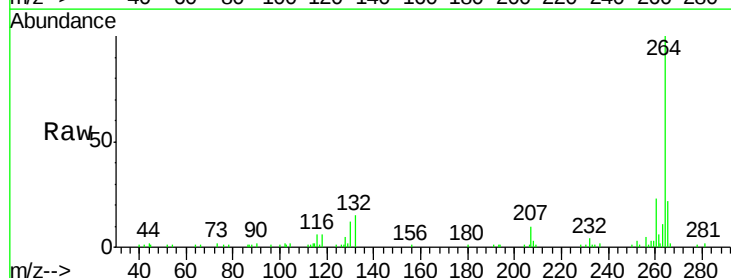
RT: 15.91 min Scan# 1209

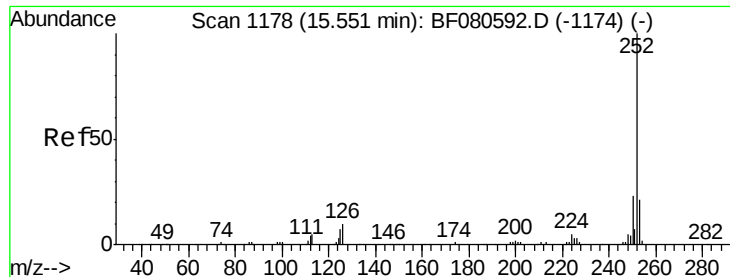
Delta R.T. -0.09 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	264	Resp:	70453
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.8	26.8
265	22.5	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 42.54 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.09 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

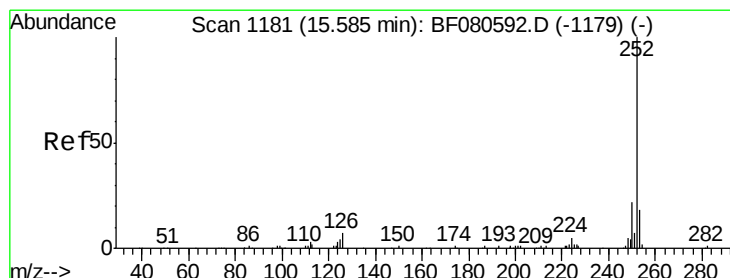
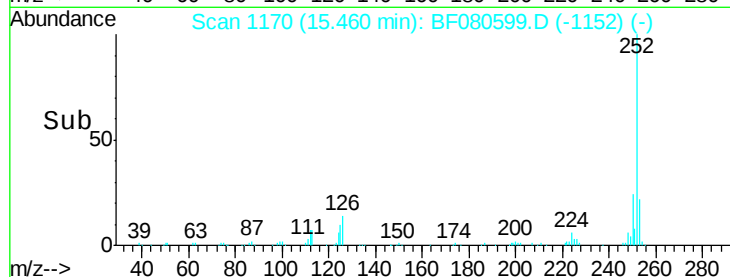
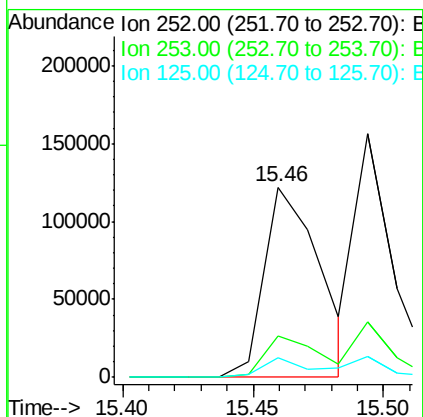
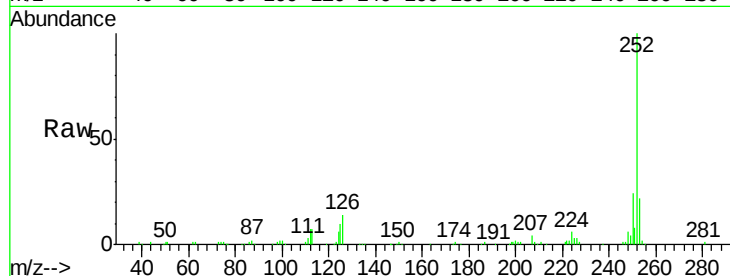
ClientSampleId :

PB84631BS

Tgt Ion:	252	Resp:	182312
Ion Ratio		Lower	Upper
252	100		
253	21.7	16.6	25.0
125	10.4	6.1	9.1#

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#88

Benzo(k)fluoranthene

Concen: 37.29 ng m

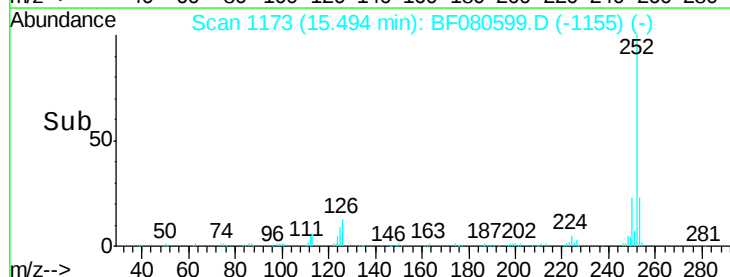
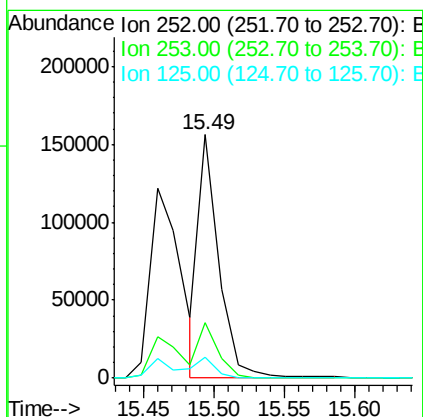
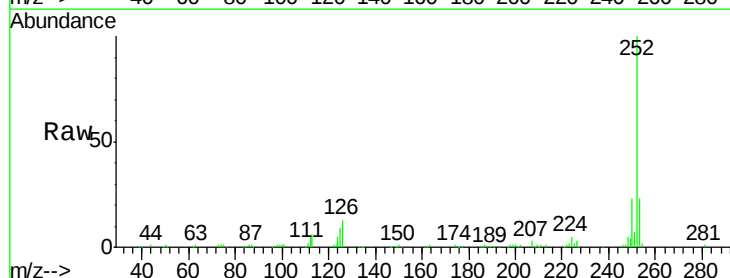
RT: 15.49 min Scan# 1173

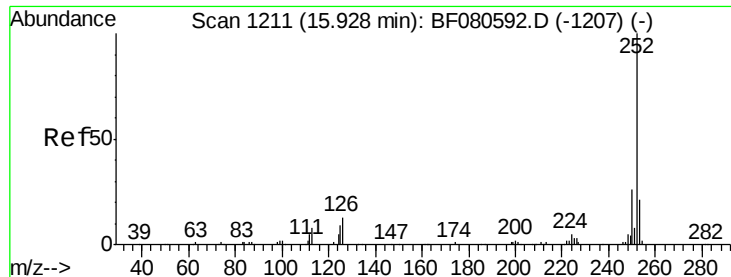
Delta R.T. -0.09 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:	252	Resp:	159044
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.6	8.6	13.0#





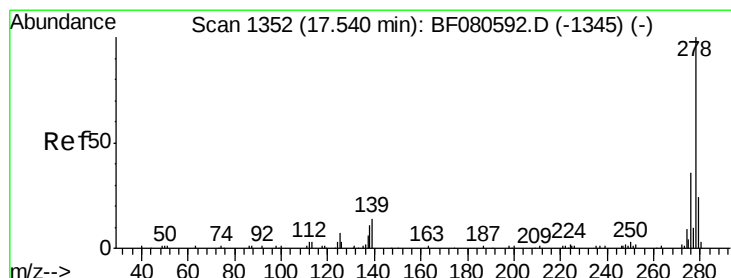
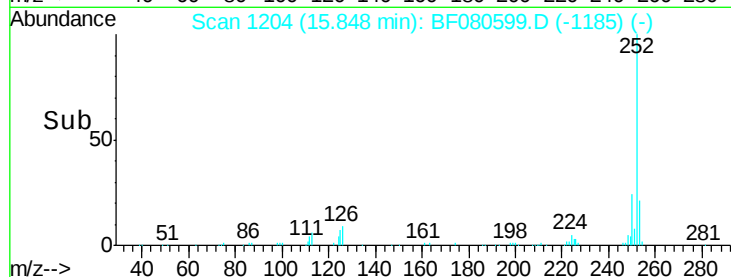
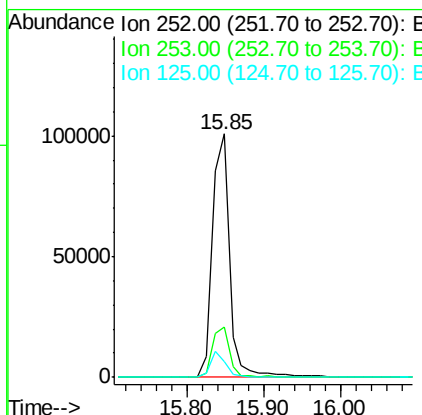
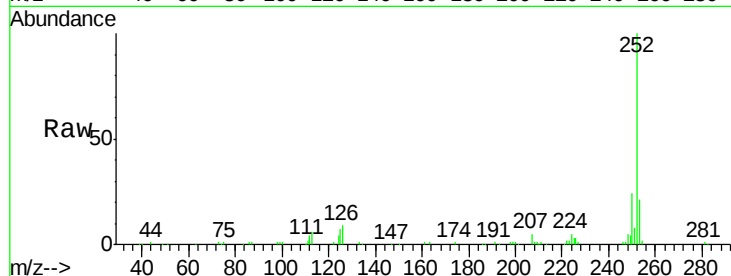
#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 15.85 min Scan# 1204
Delta R.T. -0.08 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.0	28.6
125	6.6	11.2	16.8

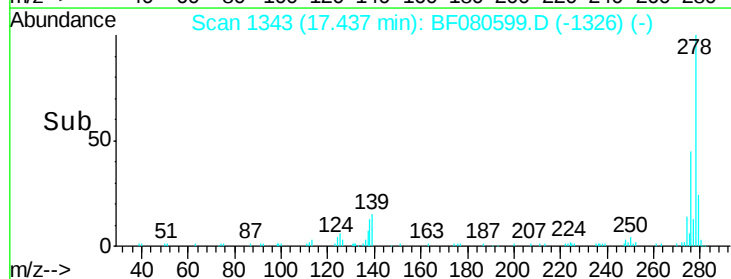
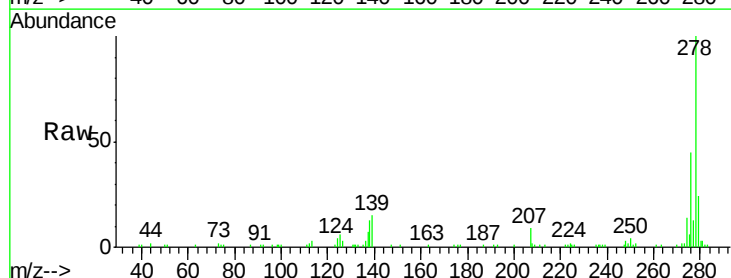
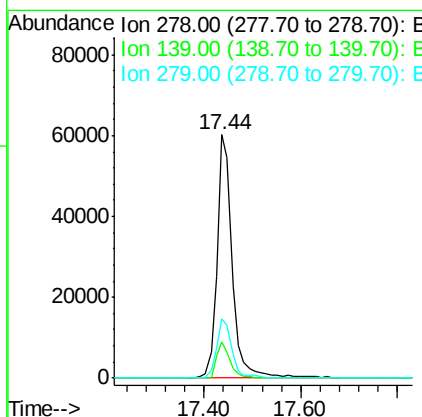
Manual Integrations
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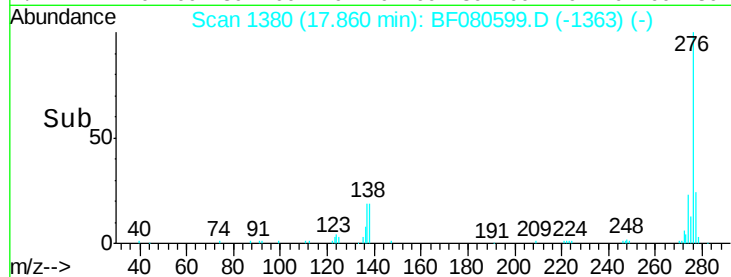
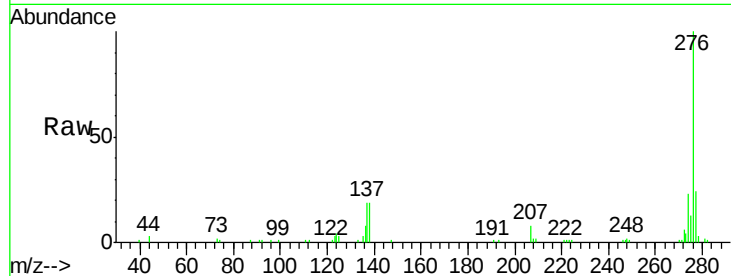
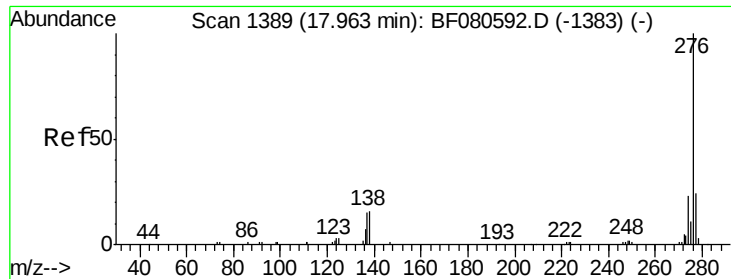
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#90
Dibenzo(a,h)anthracene
Concen: 37.13 ng
RT: 17.44 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	24.3	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 36.73 ng

RT: 17.86 min Scan# 1380

Delta R.T. -0.10 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

Tgt Ion:	276	Resp:	134694
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.0	27.0
138	18.7	17.8	26.6

Manual Integrations
APPROVED

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