

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082599.D
 Acq On : 31 Oct 2015 4:26
 Operator : UM/IZ
 Sample : PB86309BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:32:16 PM

Quant Time: Oct 31 05:45:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180480	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	692647	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	370450	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	694546	20.00	ng	0.00
75) Chrysene-d12	14.08	240	547395	20.00	ng	0.00
86) Perylene-d12	15.52	264	389453	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1304339	108.85	ng	0.01
7) Phenol-d6	6.53	99	1744998	109.61	ng	0.00
23) Nitrobenzene-d5	7.47	82	1392091	82.07	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	431134	106.34	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2083045	79.84	ng	0.00
78) Terphenyl-d14	13.03	244	1965237	78.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	178831	32.28	ng	93
3) Pyridine	3.34	79	488117	30.05	ng	95
4) n-Nitrosodimethylamine	3.29	42	310629	33.98	ng	97
6) Aniline	6.57	93	458048	20.67	ng	96
8) 2-Chlorophenol	6.69	128	474487	36.60	ng	99
9) Benzaldehyde	6.44	77	210278	19.35	ng	95
10) Phenol	6.54	94	570983	31.65	ng	95
11) bis(2-Chloroethyl)ether	6.64	93	442543	33.26	ng	99
12) 1,3-Dichlorobenzene	6.84	146	498372	33.71	ng	98
13) 1,4-Dichlorobenzene	6.92	146	549358	37.47	ng	97
14) 1,2-Dichlorobenzene	7.08	146	482870	35.48	ng	96
15) Benzyl Alcohol	7.05	79	579078	39.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	762470	36.05	ng	97
17) 2-Methylphenol	7.16	107	444254	40.30	ng	99
18) Hexachloroethane	7.42	117	211347	36.93	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	400946	33.23	ng	96
20) 3+4-Methylphenols	7.31	107	490844	34.26	ng	93
22) Acetophenone	7.31	105	721174	35.37	ng	# 77
24) Nitrobenzene	7.48	77	571186	33.31	ng	# 85
25) Isophorone	7.73	82	1110860	35.60	ng	98
26) 2-Nitrophenol	7.80	139	222190	35.48	ng	95
27) 2,4-Dimethylphenol	7.85	122	485139	39.68	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	571785	33.50	ng	98
29) 2,4-Dichlorophenol	8.05	162	410278	36.82	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	425764	34.43	ng	96
31) Naphthalene	8.21	128	1276300	34.05	ng	100
32) Benzoic acid	7.96	122	316762	35.71	ng	98
33) 4-Chloroaniline	8.26	127	155852	9.74	ng	# 88
34) Hexachlorobutadiene	8.34	225	281694	35.81	ng	99
35) Caprolactam	8.62	113	128801	37.67	ng	94
36) 4-Chloro-3-methylphenol	8.74	107	500802	38.16	ng	99
37) 2-Methylnaphthalene	8.91	142	962953	39.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	436559	35.32	ng	97
40) Hexachlorocyclopentadiene	9.07	237	617815	79.50	ng	98

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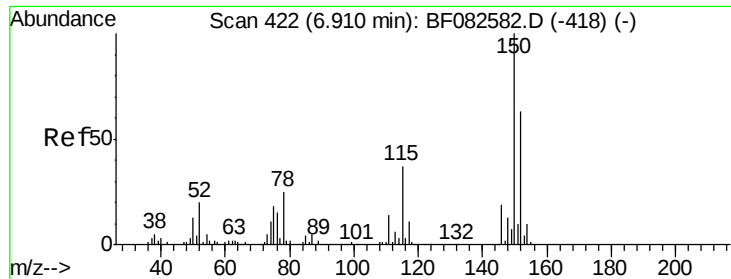
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	327793	36.72	ng	100
43) 2,4,5-Trichlorophenol	9.22	196	303300	34.10	ng	96
45) 1,1'-Biphenyl	9.38	154	1067746	34.12	ng	96
46) 2-Chloronaphthalene	9.40	162	880735	36.05	ng	96
47) 2-Nitroaniline	9.48	65	308440	32.47	ng	97
48) Acenaphthylene	9.81	152	1441456	36.88	ng	100
49) Dimethylphthalate	9.68	163	1120583	37.04	ng	99
50) 2,6-Dinitrotoluene	9.73	165	256907	40.97	ng	# 80
51) Acenaphthene	9.98	154	1009719	40.70	ng	99
52) 3-Nitroaniline	9.89	138	127449	18.27	ng	82
53) 2,4-Dinitrophenol	10.00	184	234814	71.10	ng	# 52
54) Dibenzofuran	10.16	168	1193186	35.44	ng	99
55) 4-Nitrophenol	10.05	139	339717	64.72	ng	# 67
56) 2,4-Dinitrotoluene	10.13	165	338613	39.93	ng	96
57) Fluorene	10.50	166	1033194	38.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	273537	36.39	ng	99
59) Diethylphthalate	10.38	149	1131993	36.75	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	465529	35.27	ng	# 72
61) 4-Nitroaniline	10.51	138	222700	33.45	ng	97
62) Azobenzene	10.65	77	1309592	37.70	ng	84
64) 4,6-Dinitro-2-methylphenol	10.54	198	173043	41.31	ng	83
65) n-Nitrosodiphenylamine	10.61	169	926385	38.80	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	278520	35.39	ng	# 64
67) Hexachlorobenzene	11.05	284	307346	35.22	ng	90
68) Atrazine	11.14	200	306989	39.30	ng	98
69) Pentachlorophenol	11.24	266	465482	80.89	ng	99
70) Phenanthrene	11.46	178	1448602	36.98	ng	99
71) Anthracene	11.52	178	1541307	39.08	ng	98
72) Carbazole	11.66	167	1418965	41.30	ng	99
73) Di-n-butylphthalate	12.01	149	1778073	40.66	ng	97
74) Fluoranthene	12.65	202	1560582	38.97	ng	98
76) Benzidine	12.76	184	415968	16.85	ng	100
77) Pyrene	12.88	202	1588136	39.18	ng	99
79) Butylbenzylphthalate	13.51	149	725098	40.84	ng	87
80) Benzo(a)anthracene	14.07	228	1249464	35.93	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	189994	15.86	ng	# 93
82) Chrysene	14.10	228	1105199m	35.07	ng	
83) Bis(2-ethylhexyl)phthalate	14.07	149	859146	37.33	ng	# 95
84) Di-n-octyl phthalate	14.68	149	1350594	37.62	ng	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	983303	37.81	ng	99
87) Benzo(b)fluoranthene	15.11	252	933676	34.77	ng	100
88) Benzo(k)fluoranthene	15.14	252	948720m	46.37	ng	
89) Benzo(a)pyrene	15.46	252	850077	40.19	ng	98
90) Dibenzo(a,h)anthracene	16.97	278	831516	42.14	ng	99
91) Benzo(g,h,i)perylene	17.38	276	822782	43.02	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082599.D

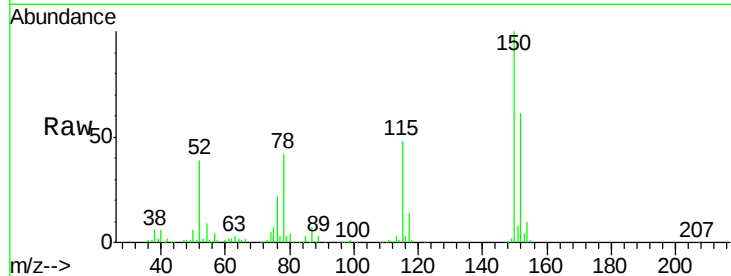
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion: 152 Resp: 180480

Ion Ratio Lower Upper

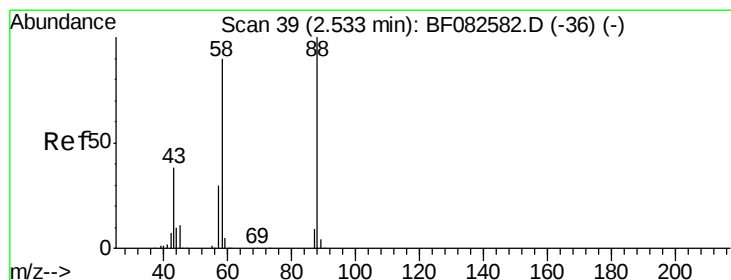
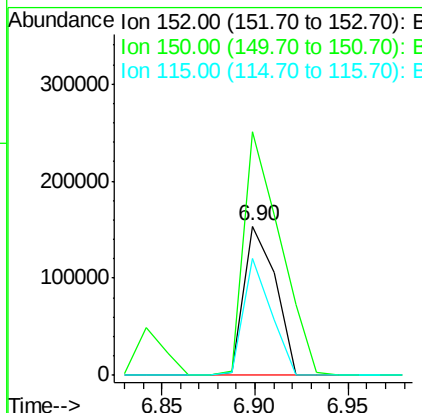
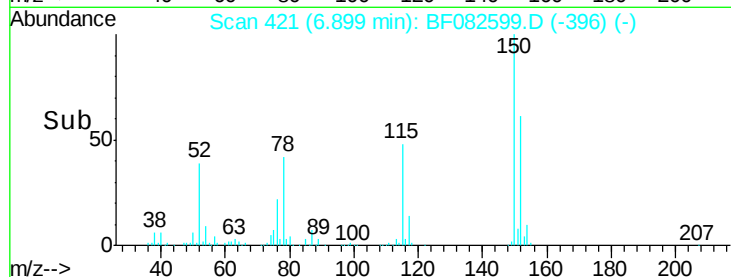
152 100

150 163.1 127.0 190.4

115 78.2 47.0 70.6#

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#2

1,4-Dioxane

Concen: 32.28 ng

RT: 2.61 min Scan# 46

Delta R.T. 0.08 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

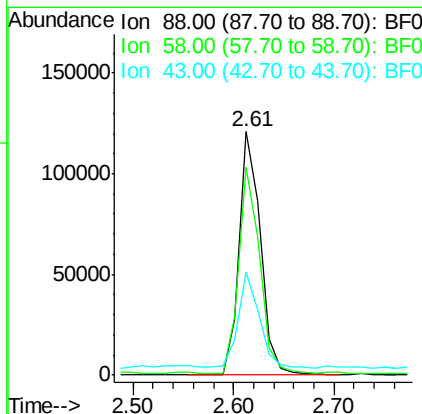
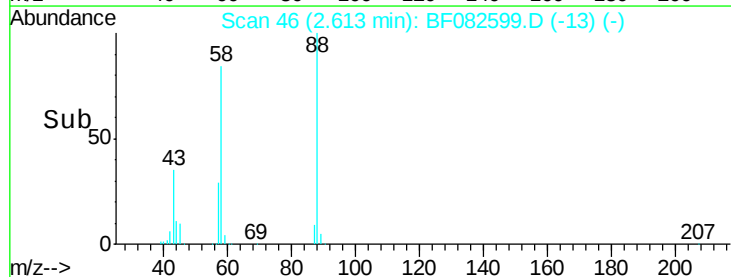
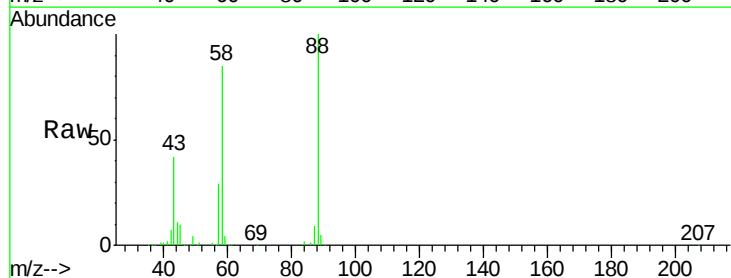
Tgt Ion: 88 Resp: 178831

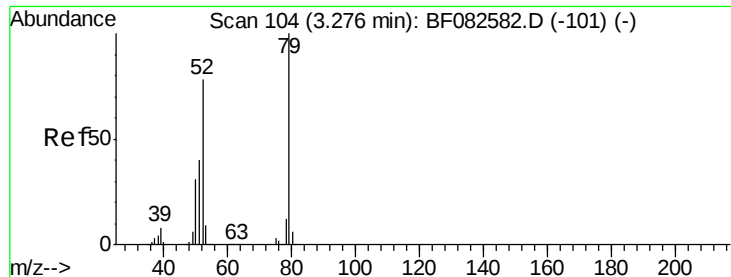
Ion Ratio Lower Upper

88 100

58 82.9 62.0 93.0

43 38.7 26.6 40.0





#3

Pyridine

Concen: 30.05 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

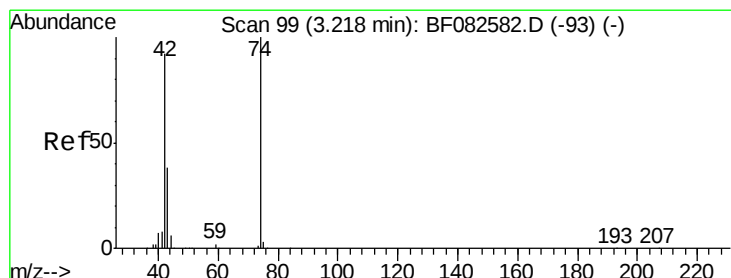
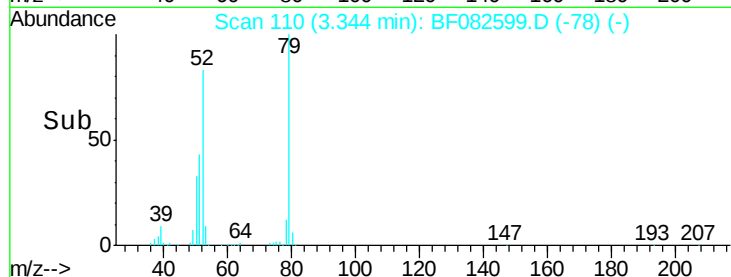
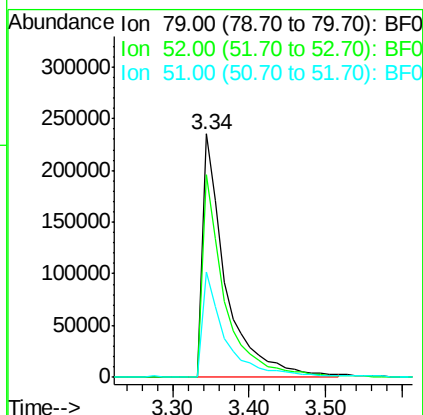
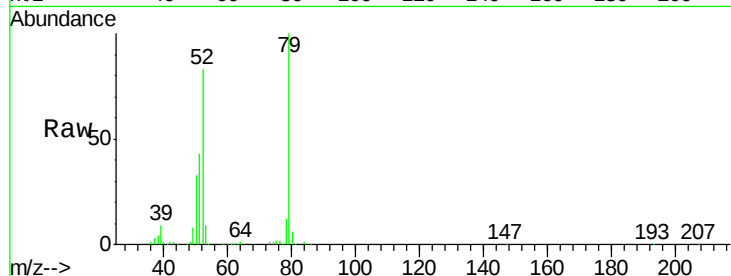
ClientSampleId :

PB86309BS

Manual Integrations
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Tgt Ion:	79	Resp:	488117
Ion Ratio	Lower	Upper	
79	100		
52	83.0	62.8	94.2
51	43.4	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 33.98 ng

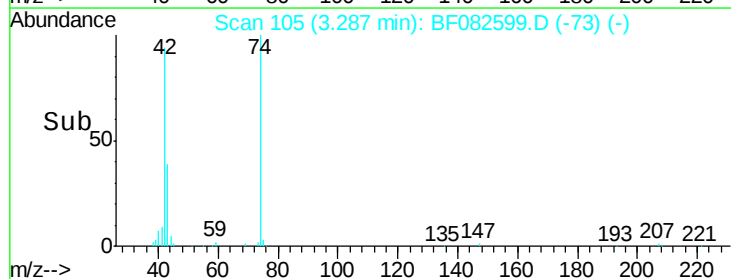
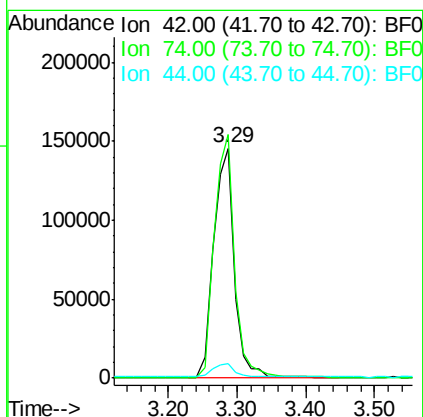
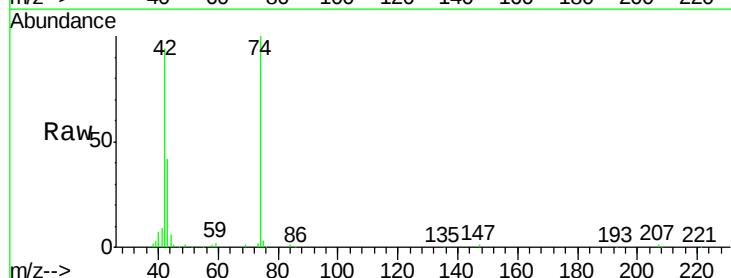
RT: 3.29 min Scan# 105

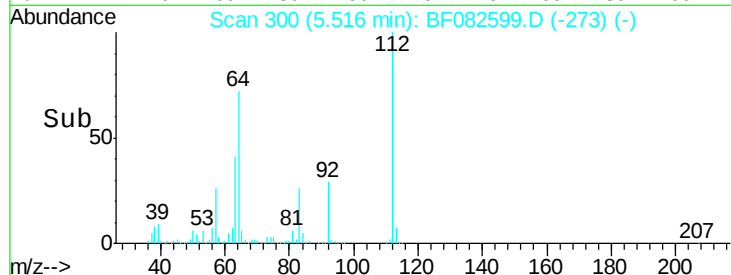
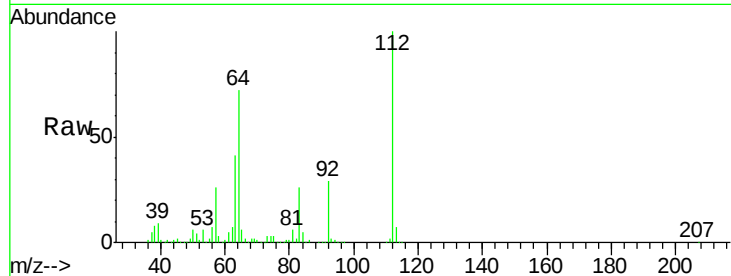
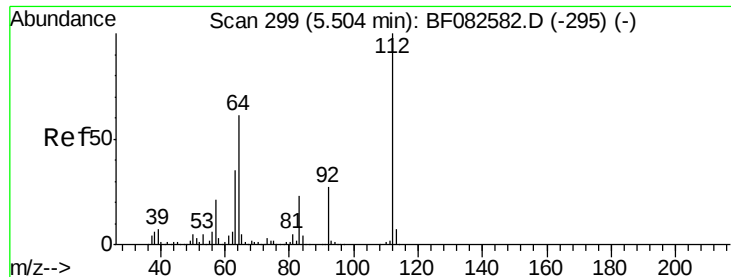
Delta R.T. 0.07 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	42	Resp:	310629
Ion Ratio	Lower	Upper	
42	100		
74	105.8	87.0	130.4
44	6.0	5.8	8.8





#5

2-Fluorophenol

Concen: 108.85 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion: 112 Resp: 1304339

Ion Ratio Lower Upper

112 100

64 72.4 48.9 73.3

63 41.1 28.1 42.1

Instrument :

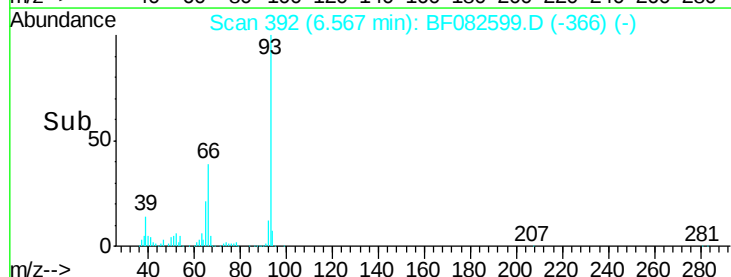
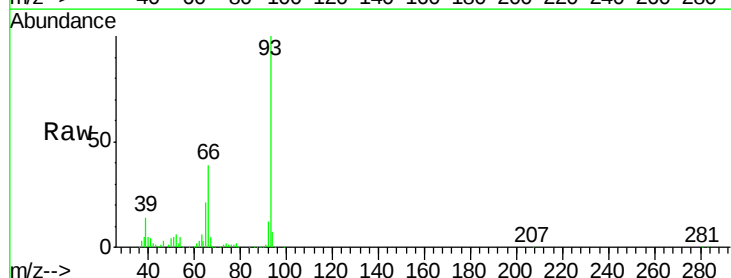
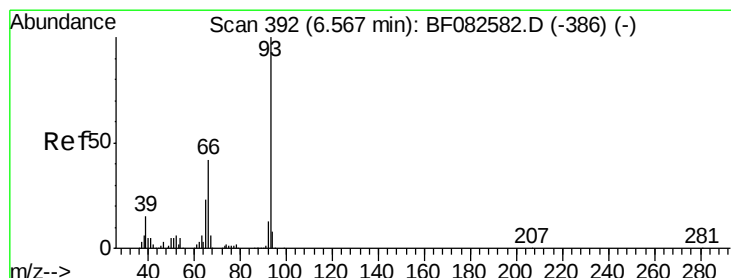
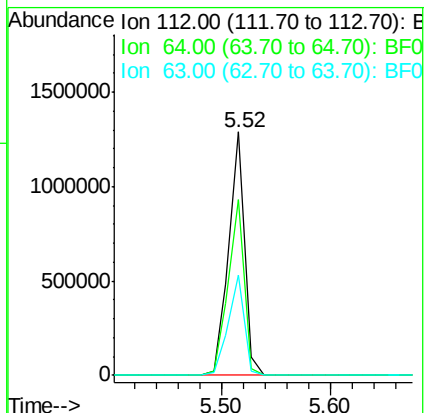
BNA_F

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PB86309BS

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#6

Aniline

Concen: 20.67 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

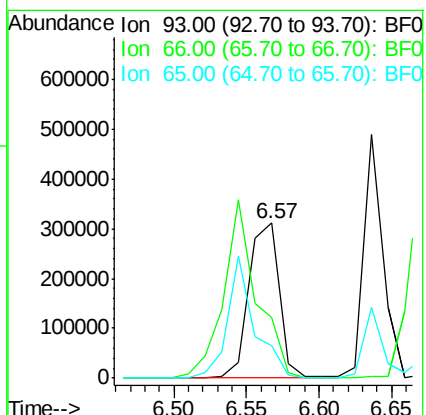
Tgt Ion: 93 Resp: 458048

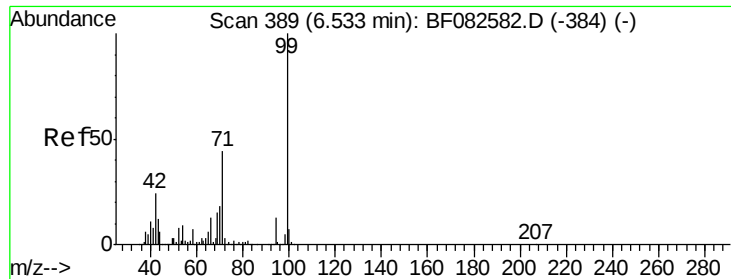
Ion Ratio Lower Upper

93 100

66 39.0 33.6 50.4

65 20.9 18.1 27.1





#7

Phenol-d6

Concen: 109.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082599.D

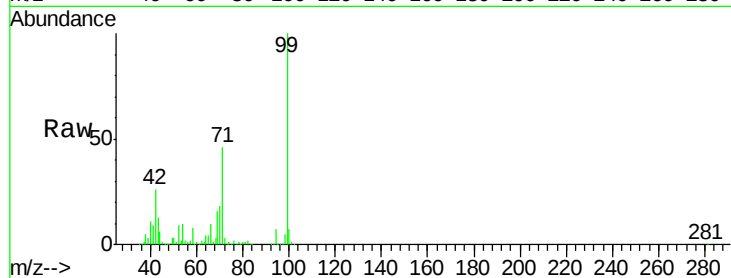
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion: 99 Resp: 1744998

Ion Ratio Lower Upper

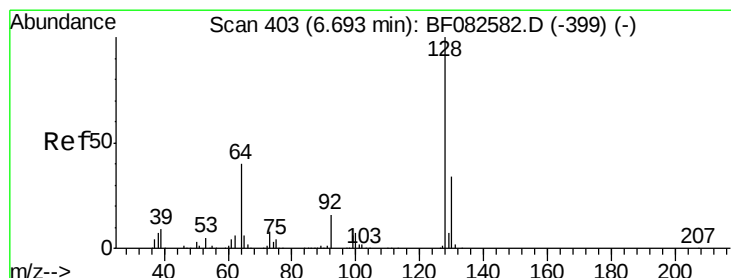
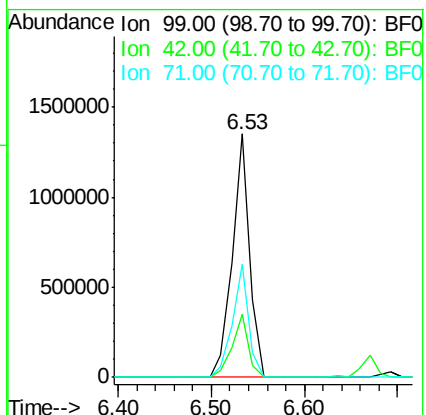
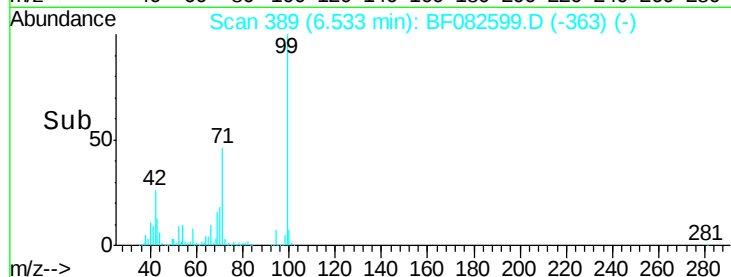
99 100

42 25.8 19.2 28.8

71 46.5 35.0 52.4

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#8

2-Chlorophenol

Concen: 36.60 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

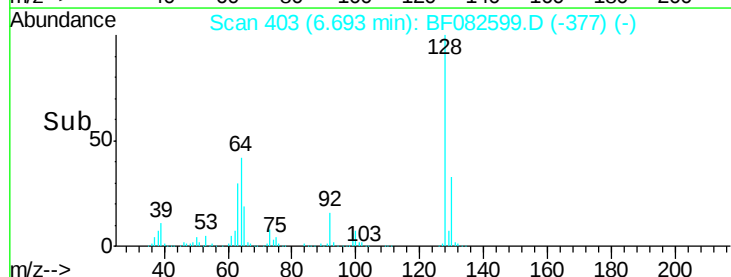
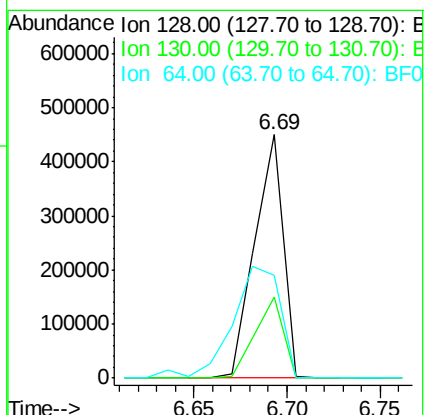
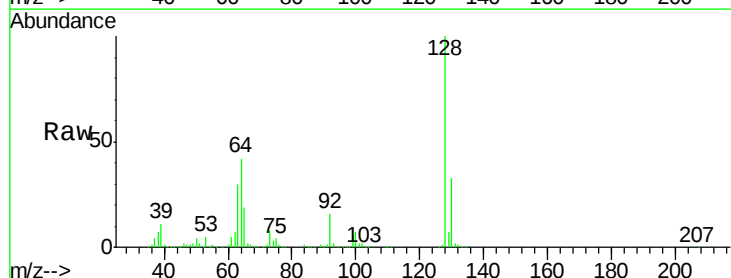
Tgt Ion: 128 Resp: 474487

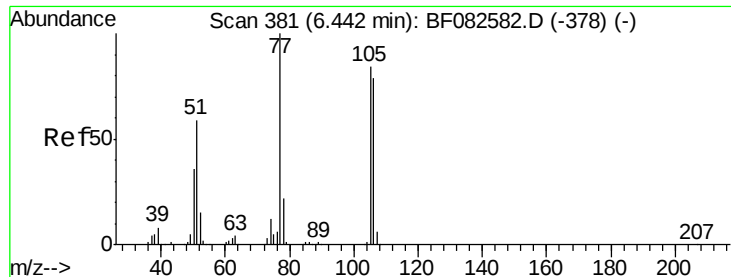
Ion Ratio Lower Upper

128 100

130 33.3 13.5 53.5

64 42.3 21.1 61.1





#9

Benzaldehyde

Concen: 19.35 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

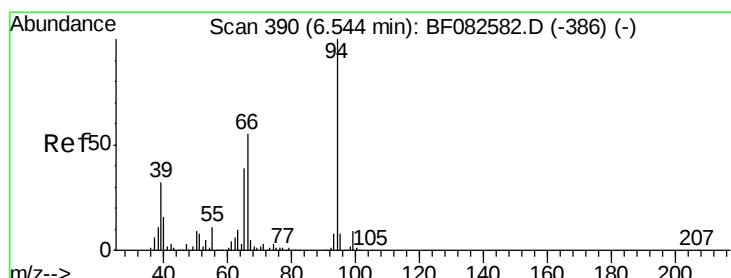
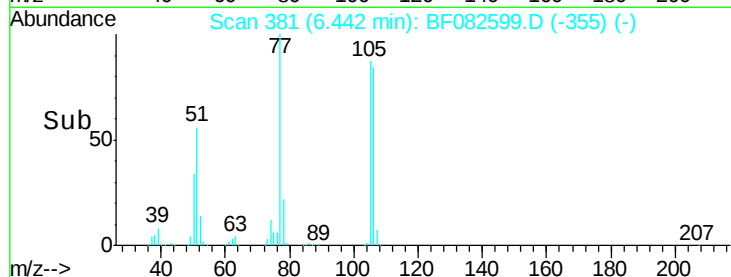
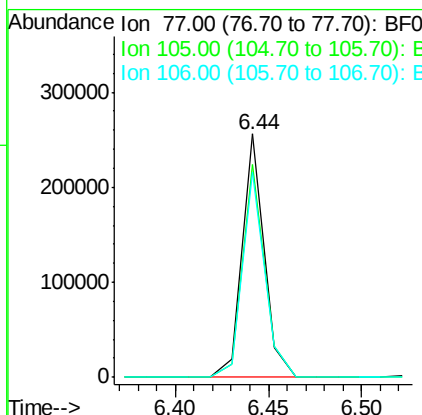
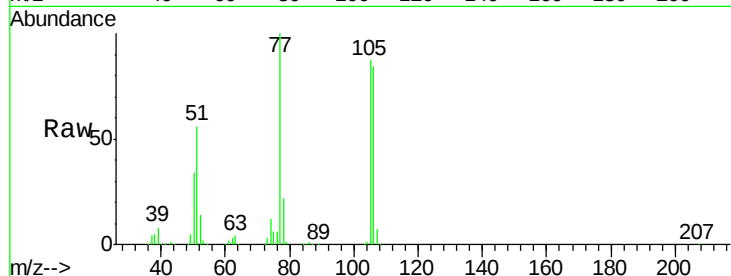
ClientSampleId :

PB86309BS

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Tgt Ion	Ratio	Resp	Lower	Upper
77	100	210278		
105	87.3	63.5	103.5	
106	84.5	59.3	99.3	



#10

Phenol

Concen: 31.65 ng

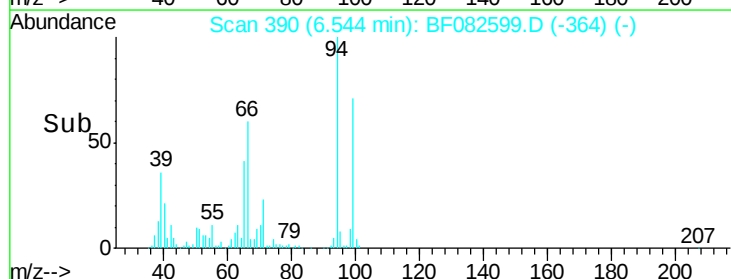
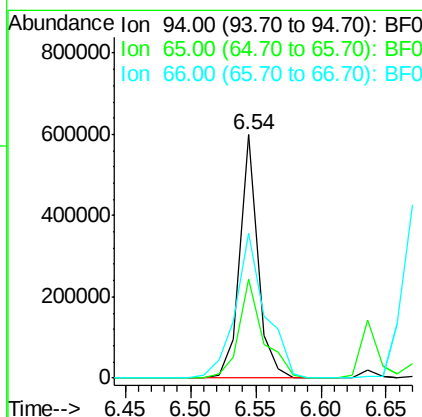
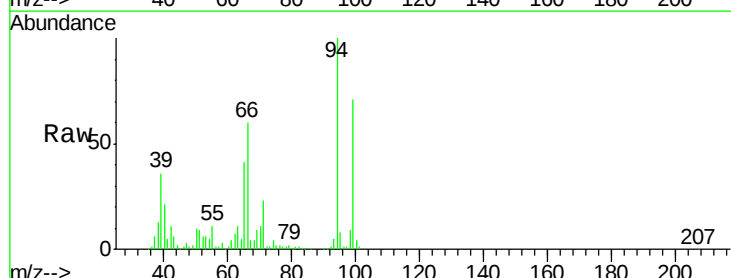
RT: 6.54 min Scan# 390

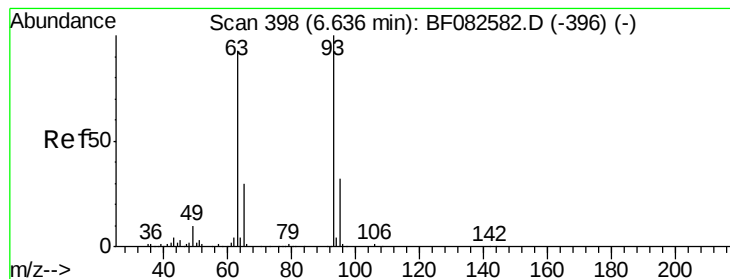
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

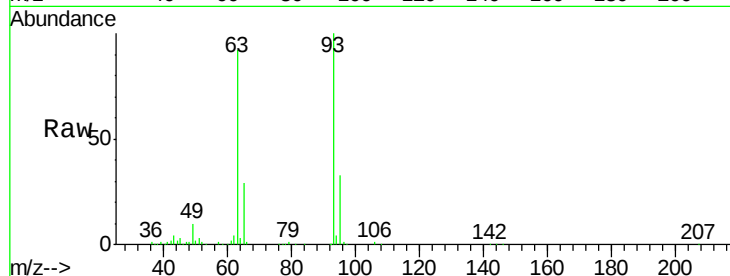
Tgt Ion	Ratio	Resp	Lower	Upper
94	100	570983		
65	40.9	18.9	58.9	
66	59.6	34.9	74.9	





#11
bis(2-Chloroethyl)ether
Concen: 33.26 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

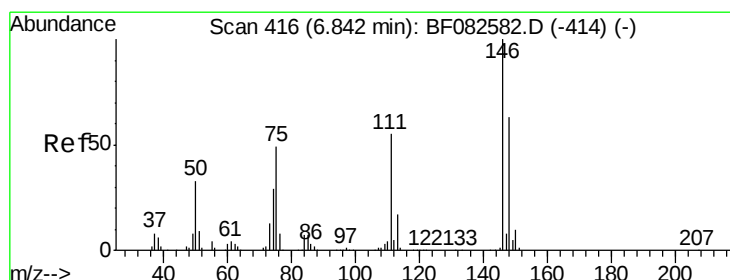
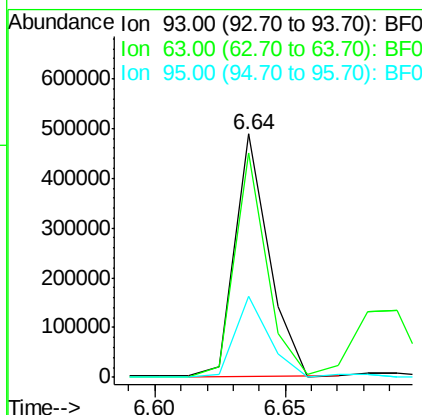
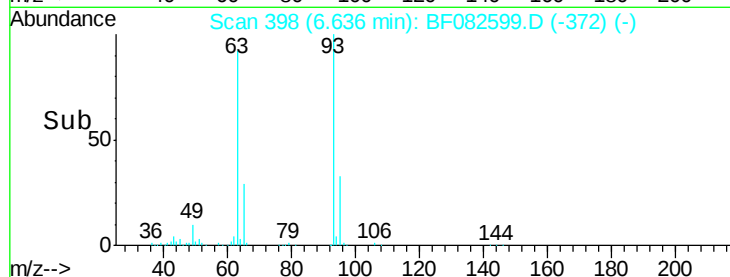
Instrument :
BNA_F
ClientSampleId :
PB86309BS



Tgt Ion: 93 Resp: 442543
Ion Ratio Lower Upper
93 100
63 92.2 72.7 112.7
95 33.3 12.0 52.0

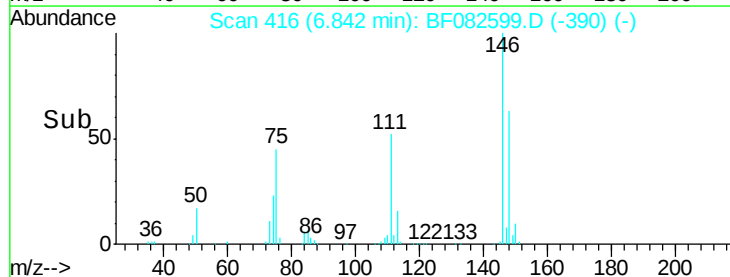
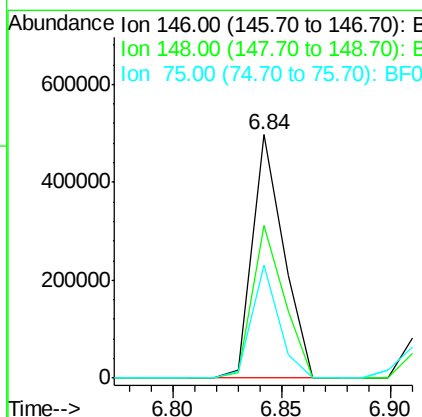
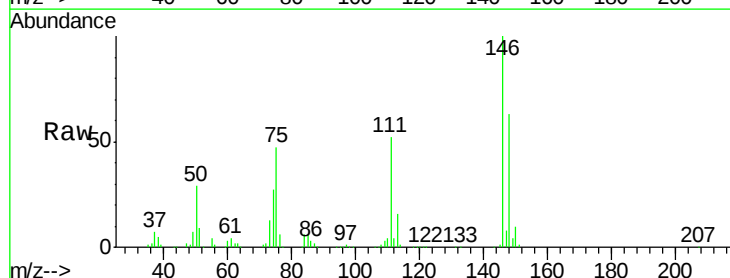
Manual Integrations
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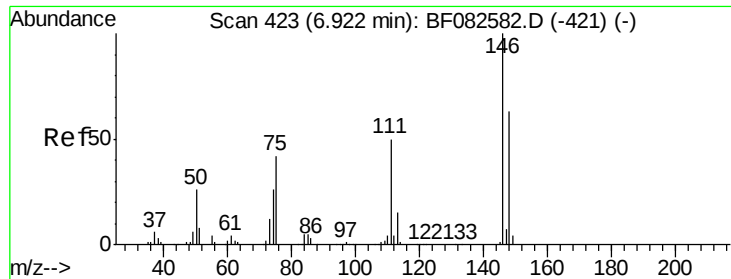
Mmdadoda
11/2/2015 4:32:16 PM



#12
1,3-Dichlorobenzene
Concen: 33.71 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion: 146 Resp: 498372
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 46.7 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 37.47 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

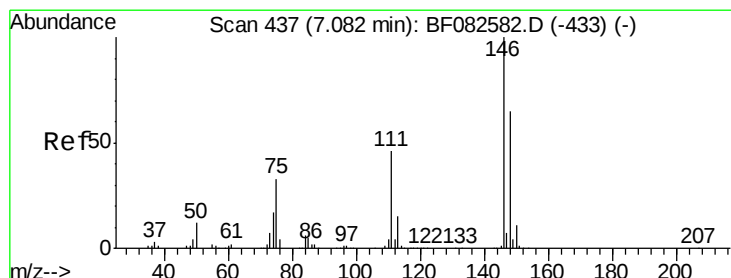
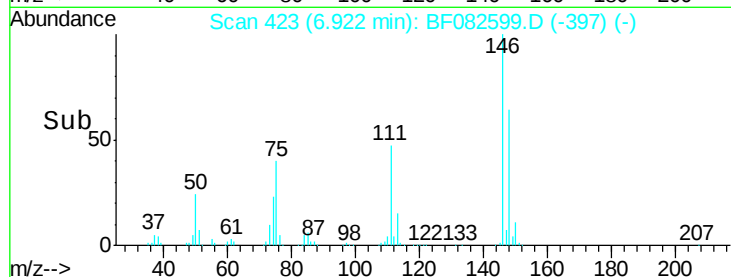
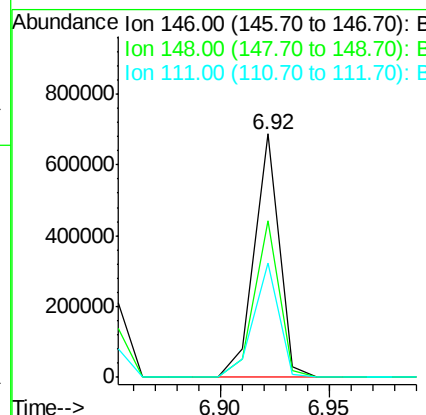
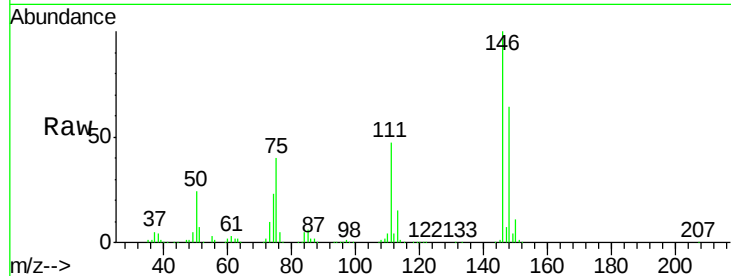
ClientSampleId :

PB86309BS

Tgt Ion:	146	Resp:	549358
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	46.9	40.6	60.8

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#14

1,2-Dichlorobenzene

Concen: 35.48 ng

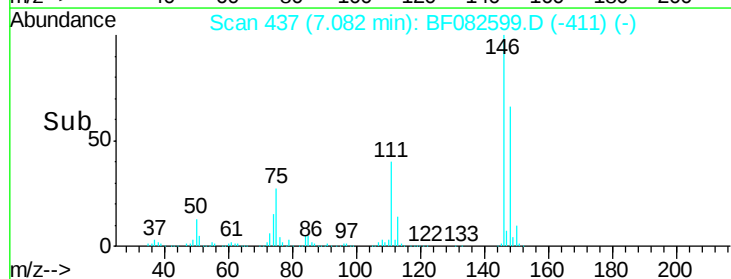
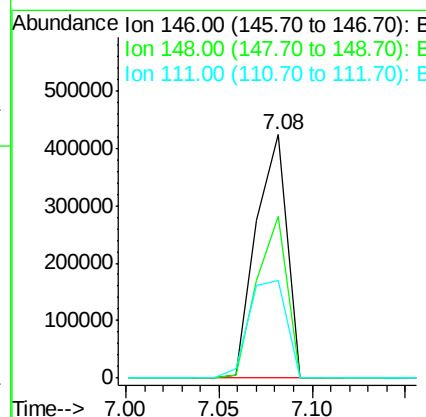
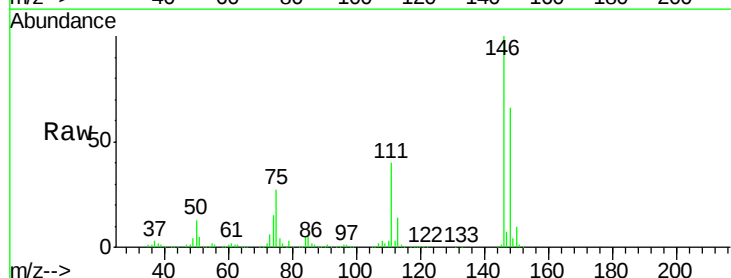
RT: 7.08 min Scan# 437

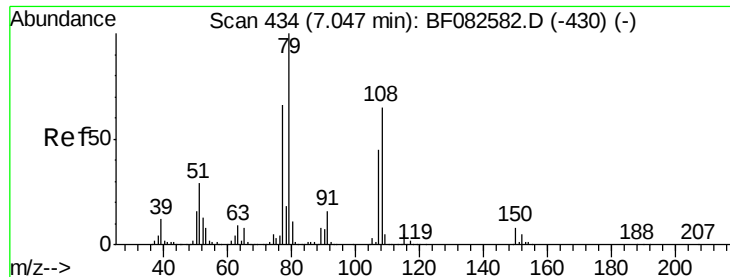
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	146	Resp:	482870
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.2	78.4
111	40.1	36.6	55.0





#15

Benzyl Alcohol

Concen: 39.01 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

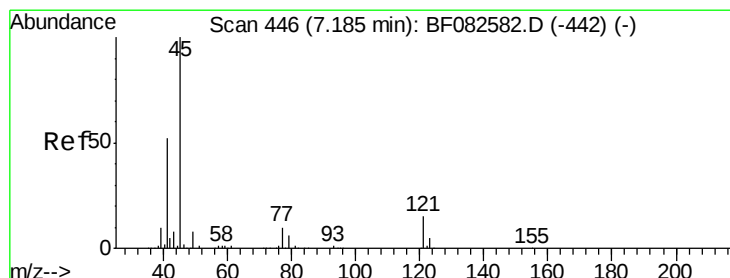
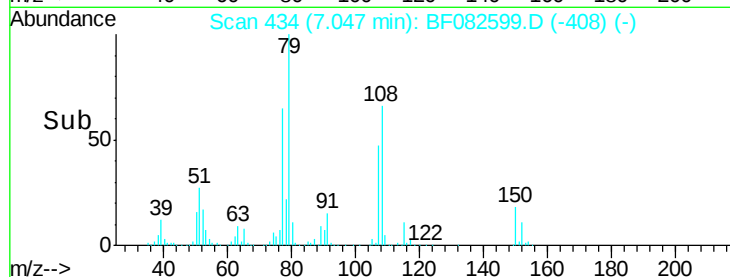
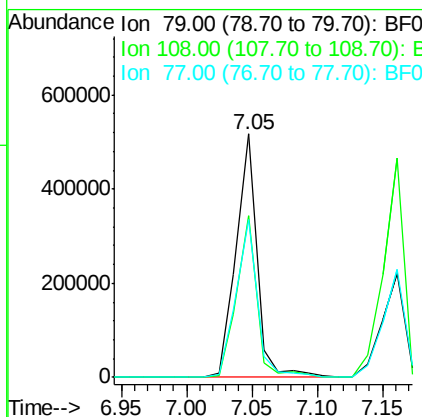
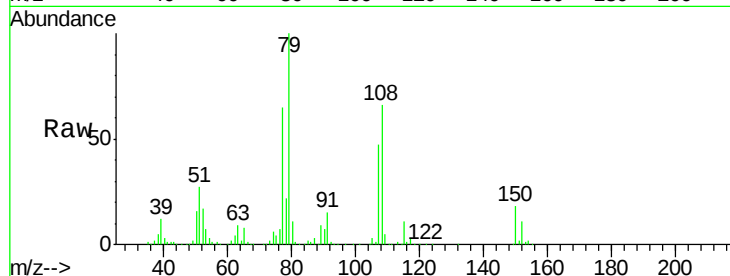
ClientSampleId :

PB86309BS

Tgt Ion:	79	Resp:	579078
Ion Ratio	Lower	Upper	
79	100		
108	66.2	52.2	78.4
77	64.9	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.05 ng

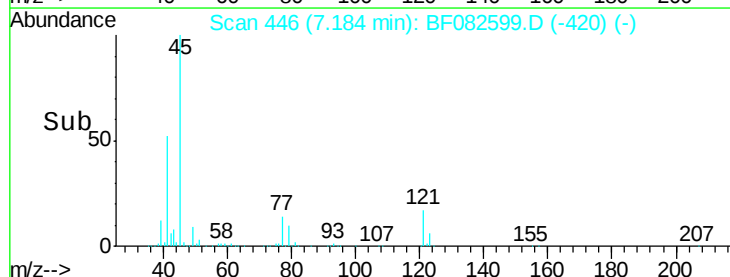
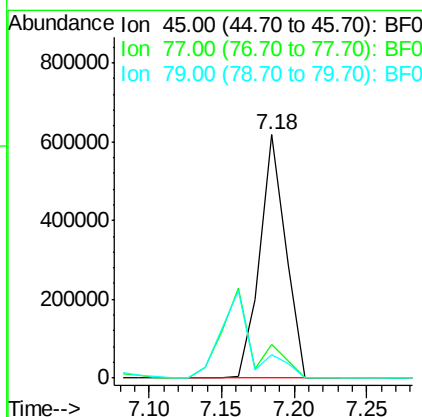
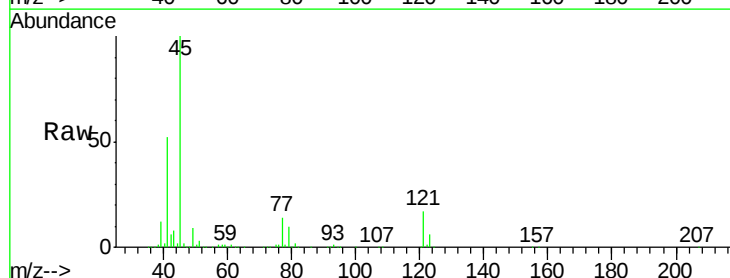
RT: 7.18 min Scan# 446

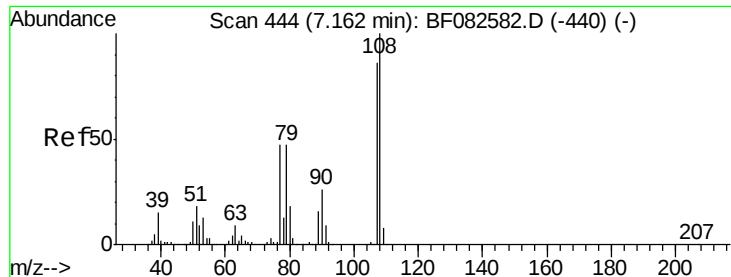
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	45	Resp:	762470
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	32.6
79	9.8	0.0	29.2





#17

2-Methylphenol

Concen: 40.30 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082599.D

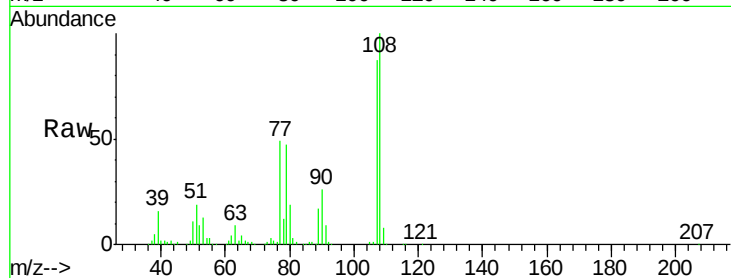
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

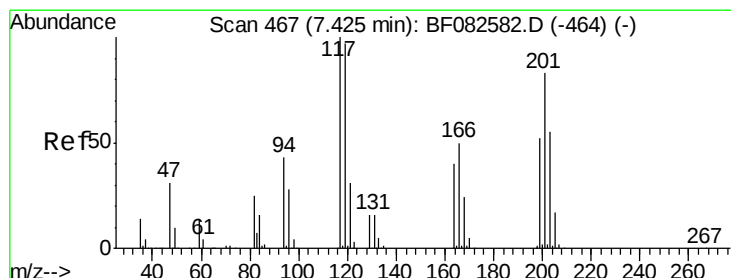
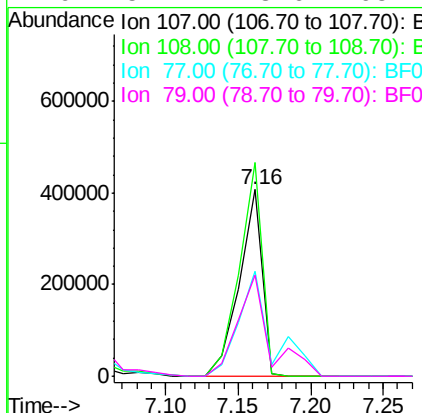
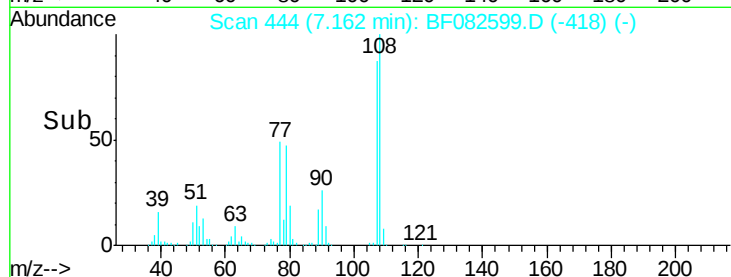
PB86309BS



Tgt Ion:	107	Resp:	444254
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.0	139.4
77	56.0	44.1	66.1
79	54.1	43.6	65.4

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#18

Hexachloroethane

Concen: 36.93 ng

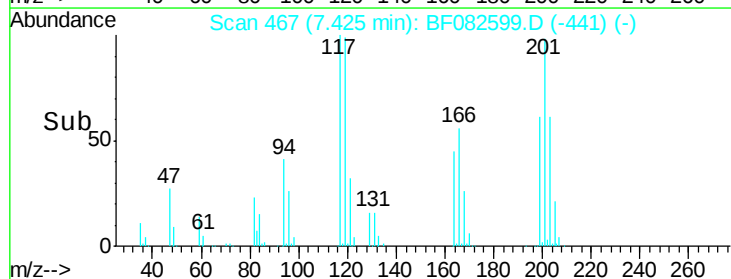
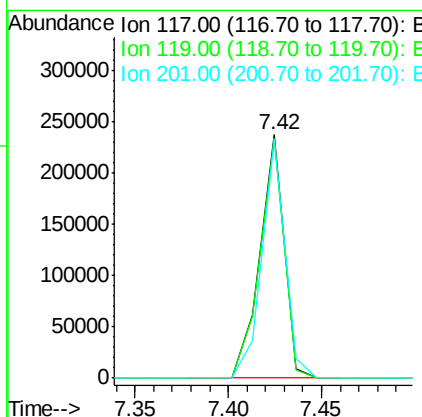
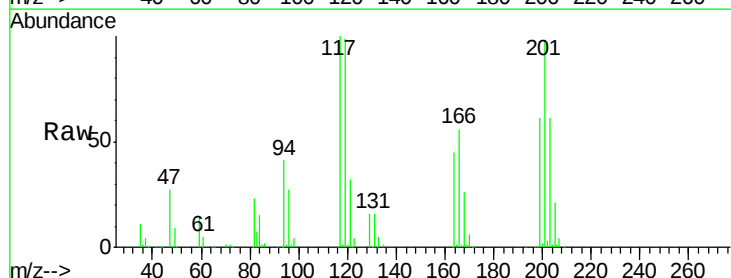
RT: 7.42 min Scan# 467

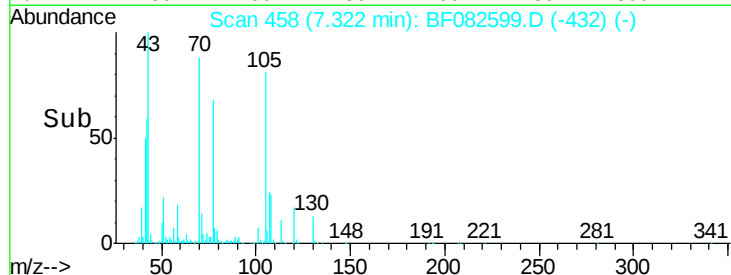
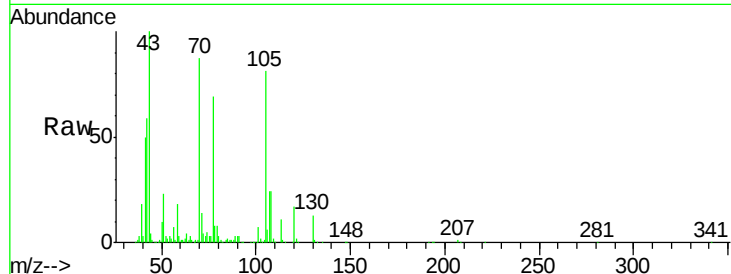
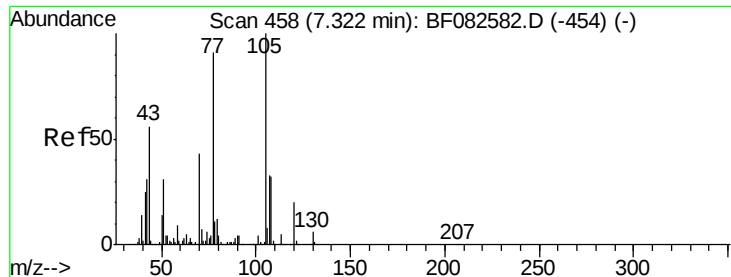
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	117	Resp:	211347
Ion Ratio	Lower	Upper	
117	100		
119	98.7	77.7	116.5
201	98.0	66.7	100.1





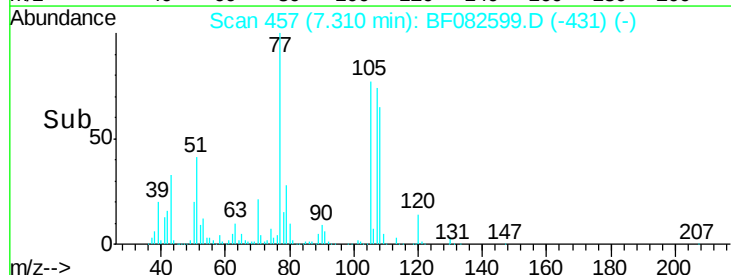
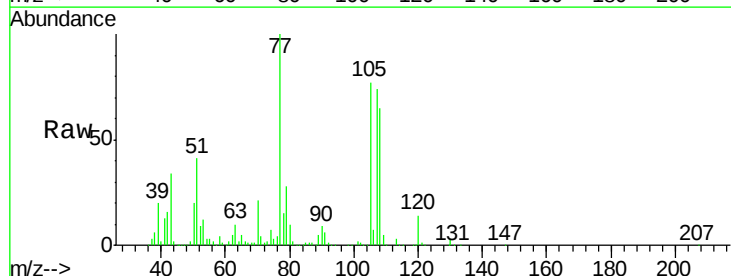
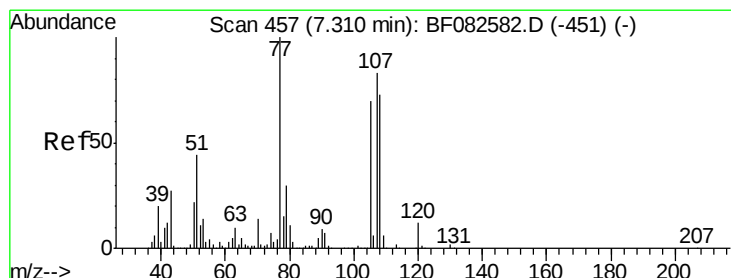
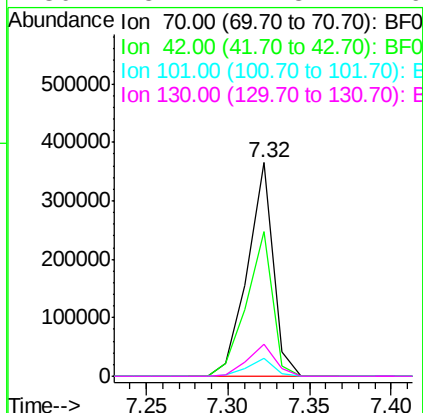
#19
n-Nitroso-di-n-propylamine
Concen: 33.23 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

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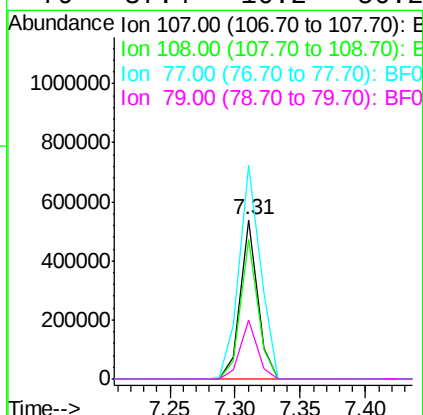
Mmdadoda
11/2/2015 4:32:16 PM

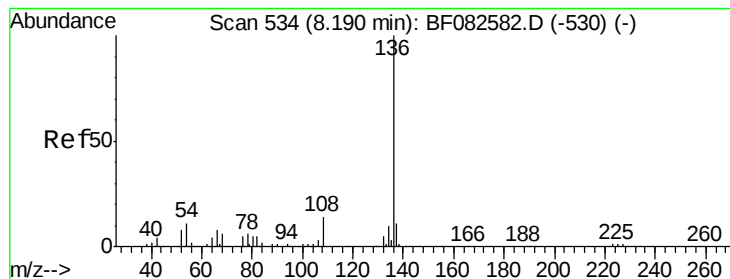
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	57.7	86.5
101	8.3	7.0	10.6
130	15.1	11.8	17.6



#20
3+4-Methylphenols
Concen: 34.26 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.3	107.3
77	134.3	100.3	140.3
79	37.4	16.2	56.2





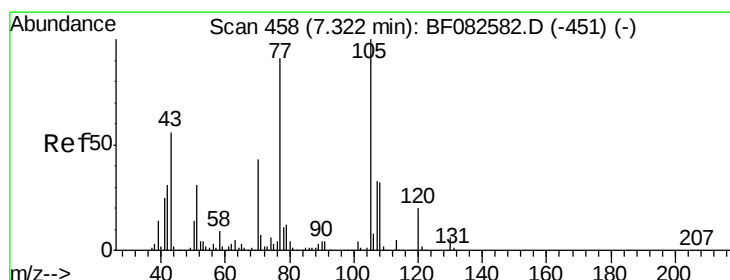
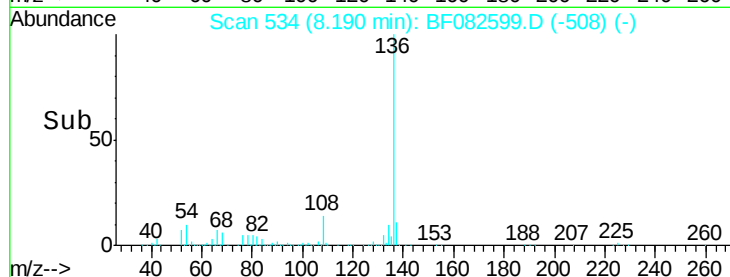
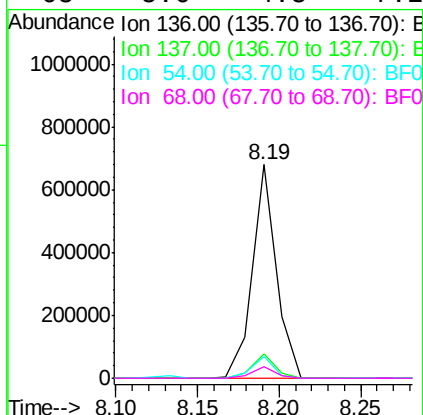
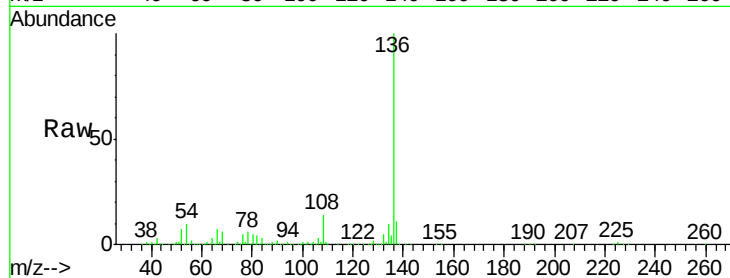
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	692647		
137	11.4	9.1	13.7	
54	10.4	9.1	13.7	
68	5.6	4.8	7.2	

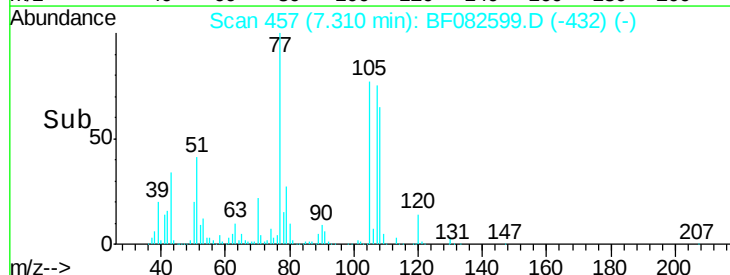
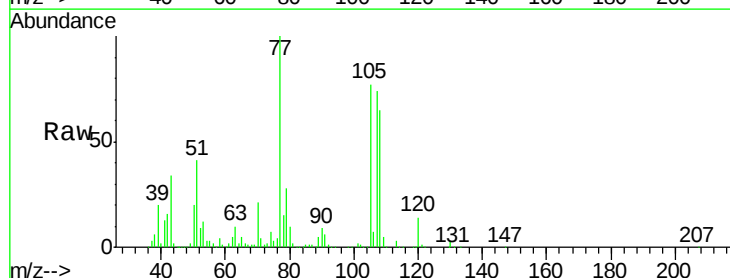
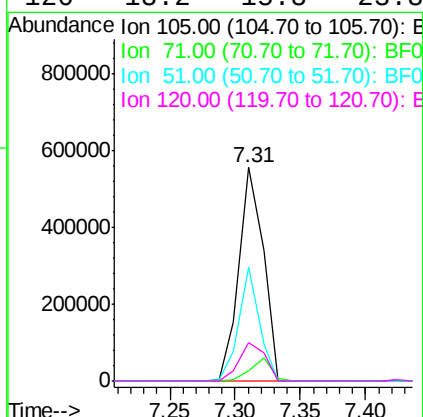
Manual Integrations
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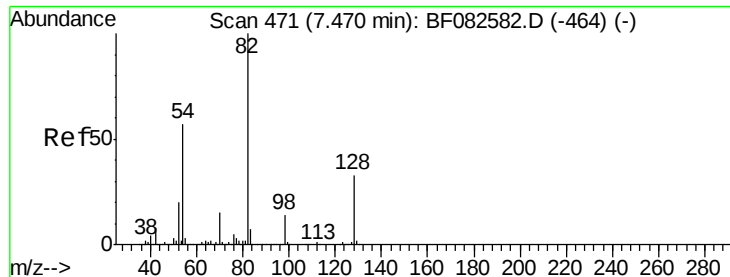
Mmdadoda
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#22
Acetophenone
Concen: 35.37 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	721174		
71	4.7	5.6	8.4#	
51	53.2	24.9	37.3#	
120	18.2	15.8	23.8	





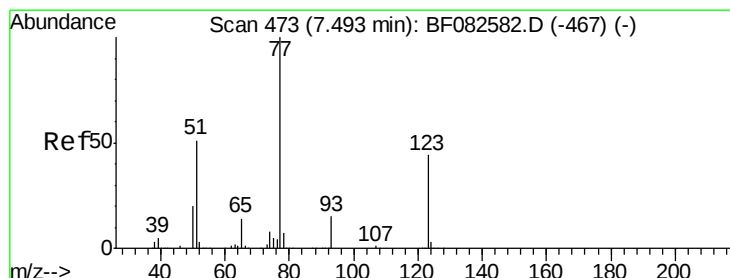
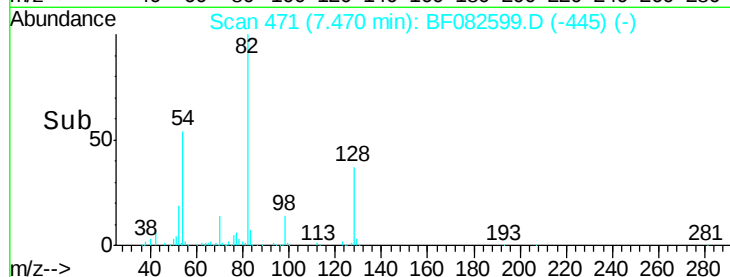
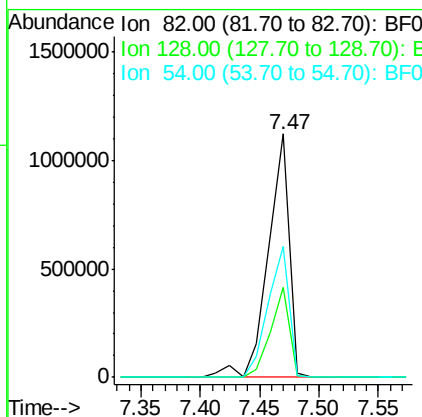
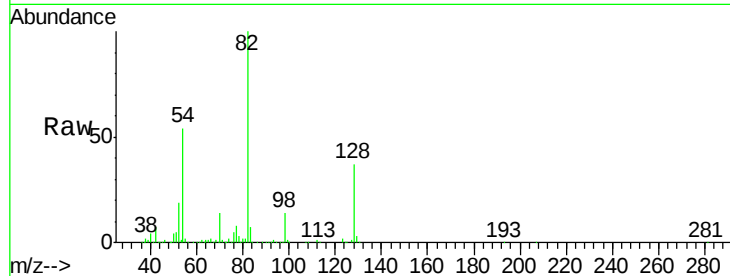
#23
 Nitrobenzene-d5
 Concen: 82.07 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.8	40.2
54	54.0	45.7	68.5

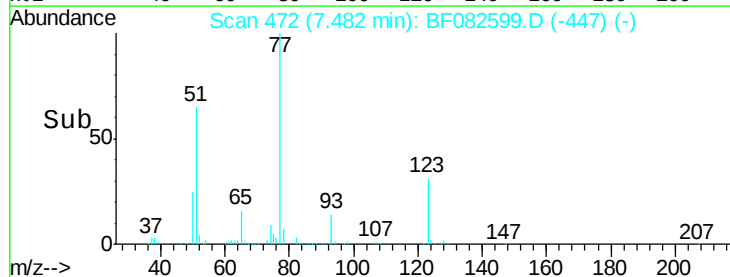
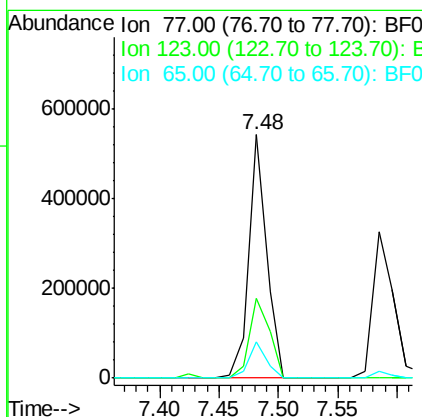
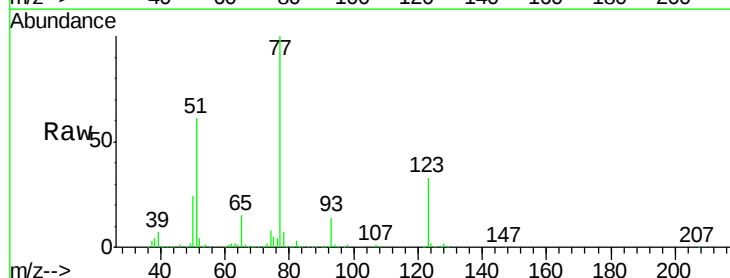
Manual Integrations
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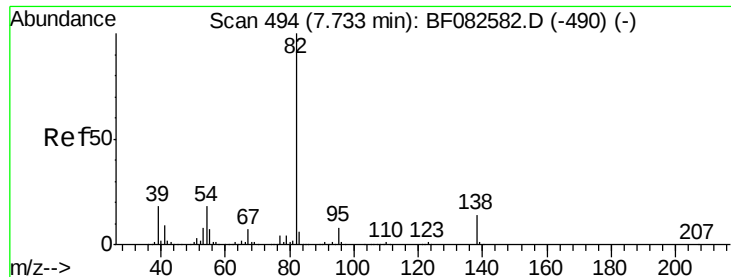
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#24
 Nitrobenzene
 Concen: 33.31 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.8	36.4	54.6#
65	15.0	11.5	17.3





#25

Isophorone

Concen: 35.60 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion: 82 Resp: 1110860

Ion Ratio Lower Upper

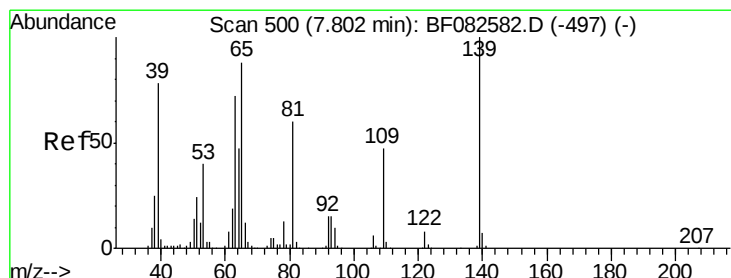
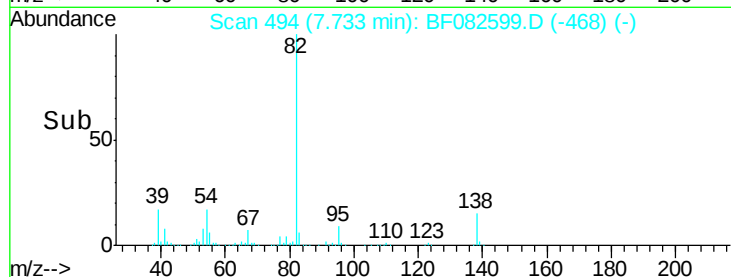
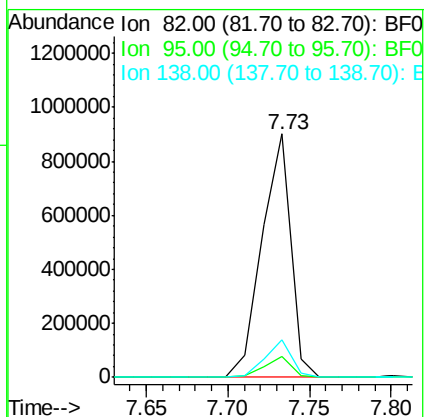
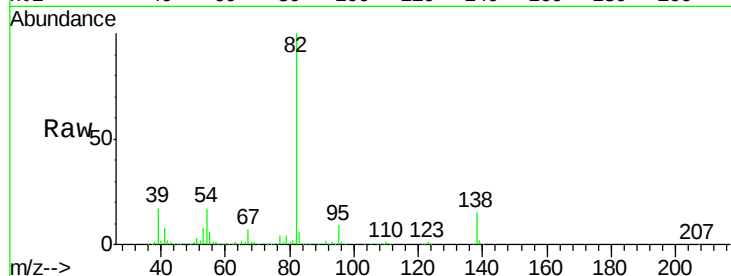
82 100

95 8.6 6.6 9.8

138 15.3 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.48 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

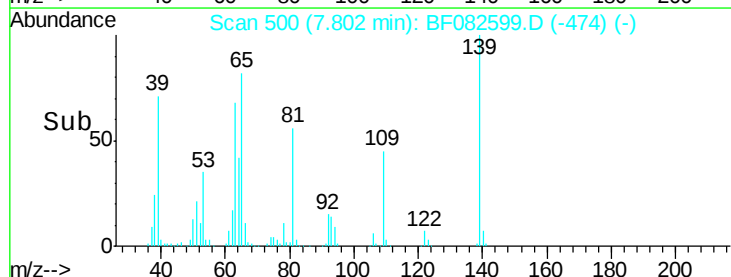
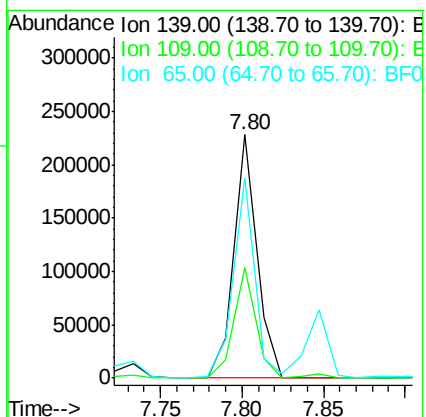
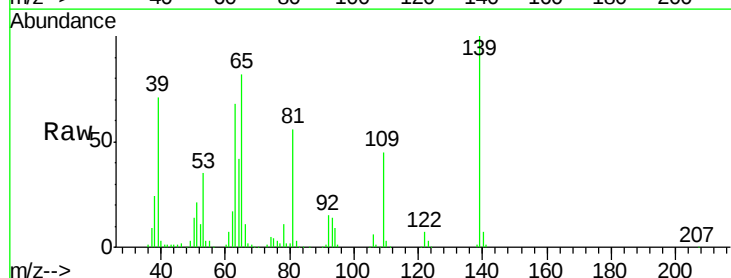
Tgt Ion: 139 Resp: 222190

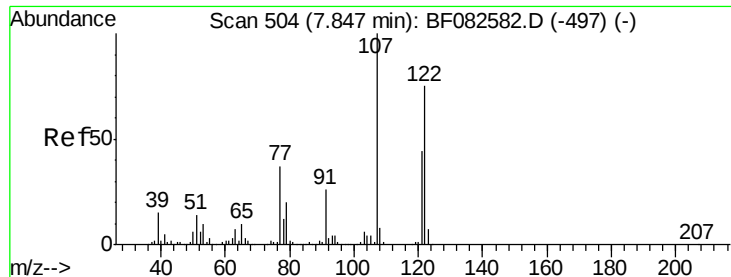
Ion Ratio Lower Upper

139 100

109 45.3 37.6 56.4

65 82.3 70.6 105.8





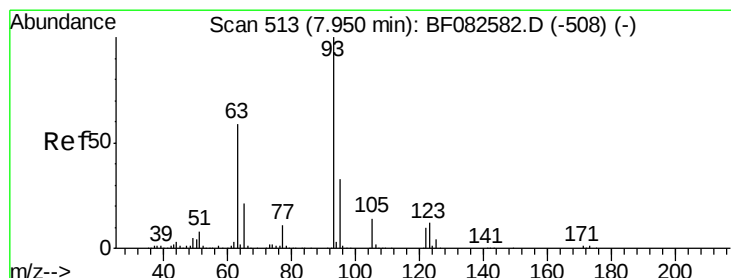
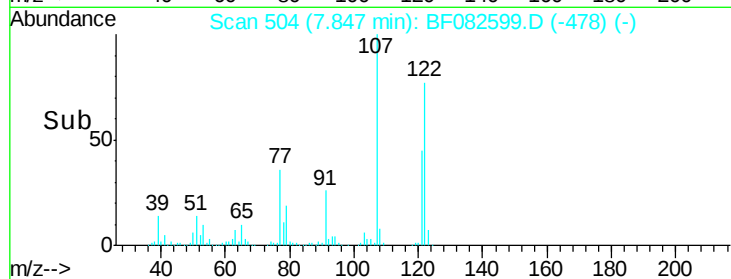
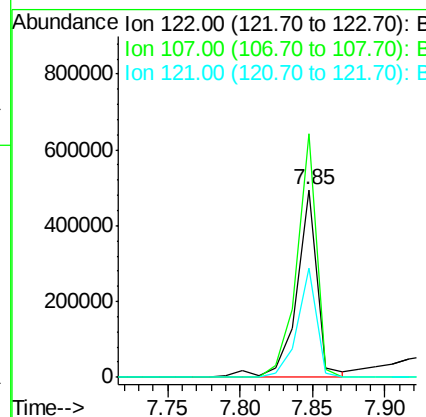
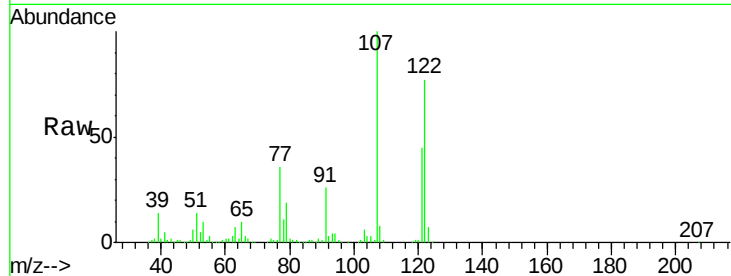
#27
 2,4-Dimethylphenol
 Concen: 39.68 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.8	106.0	159.0
121	58.0	46.7	70.1

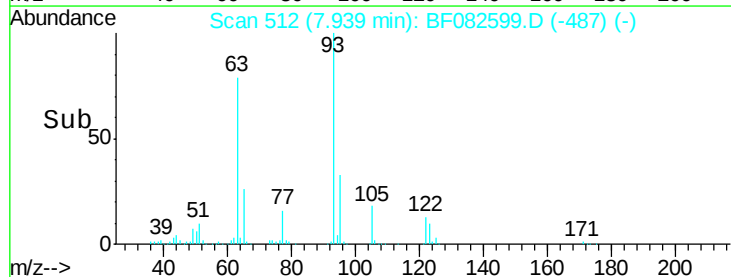
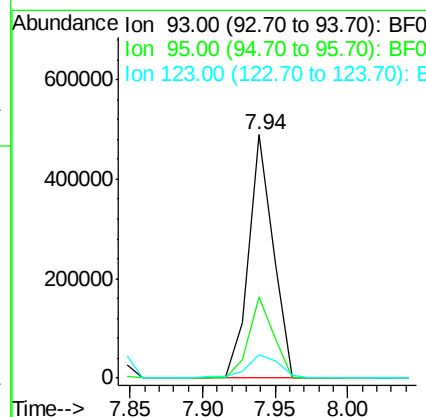
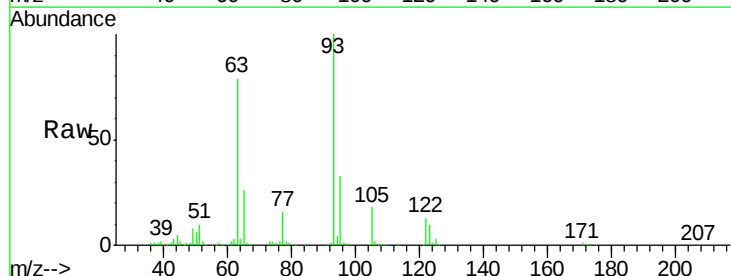
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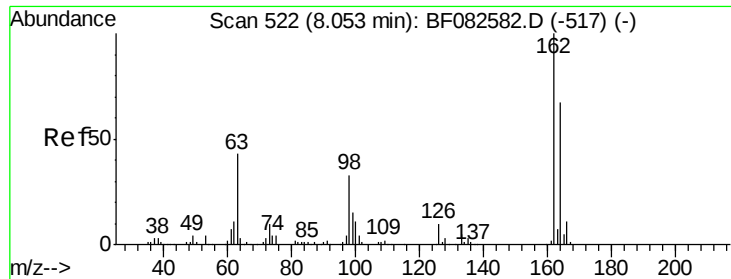
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.50 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	9.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 36.82 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082599.D

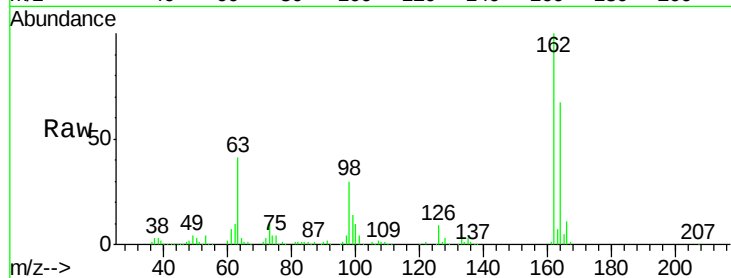
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion:162 Resp: 410278

Ion Ratio Lower Upper

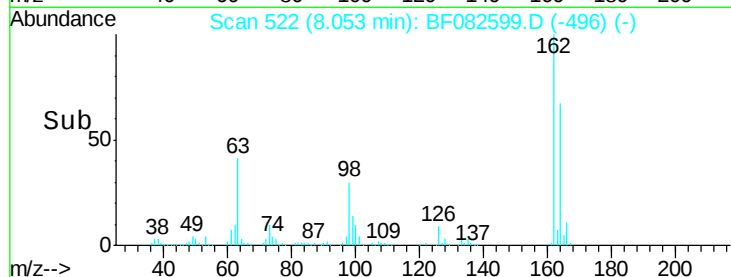
162 100

164 67.1 46.8 86.8

98 29.8 12.5 52.5

Manual Integrations
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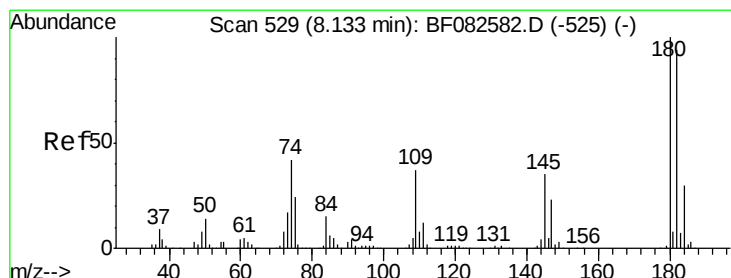
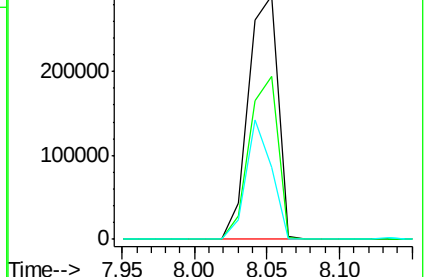
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.43 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

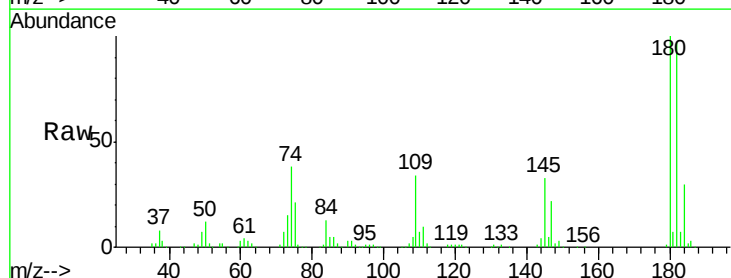
Tgt Ion:180 Resp: 425764

Ion Ratio Lower Upper

180 100

182 97.5 74.9 112.3

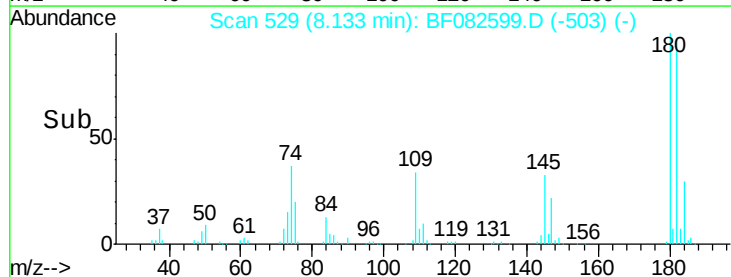
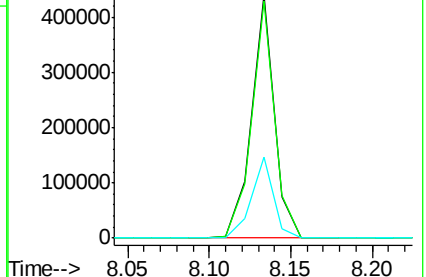
145 33.3 27.8 41.8

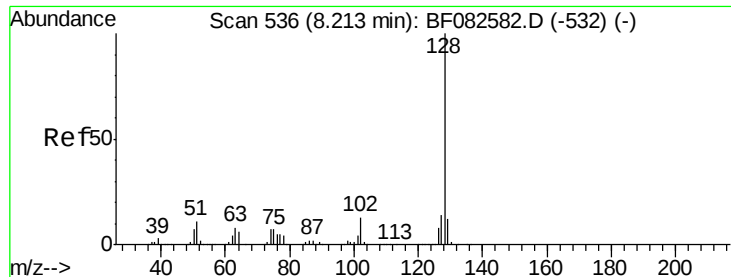


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.05 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion:128 Resp: 1276300

Ion Ratio Lower Upper

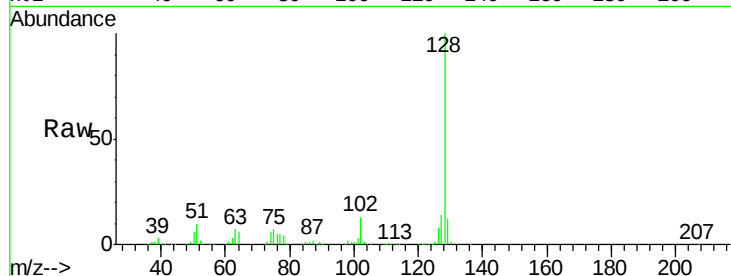
128 100

129 11.9 9.5 14.3

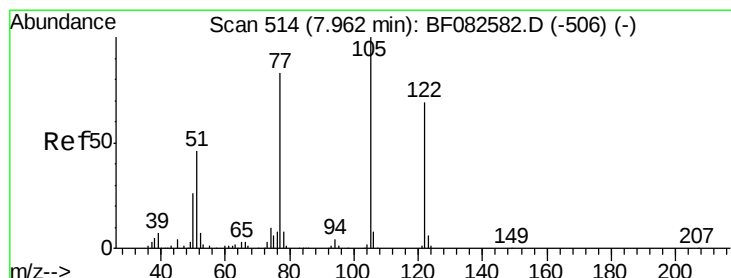
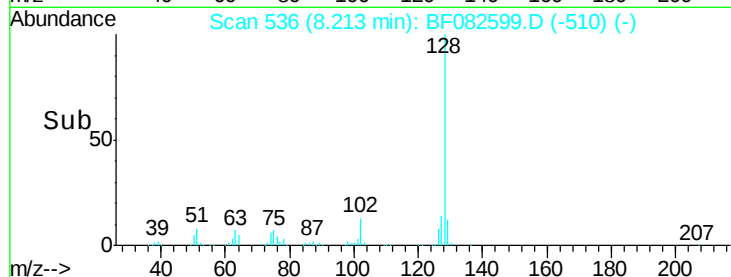
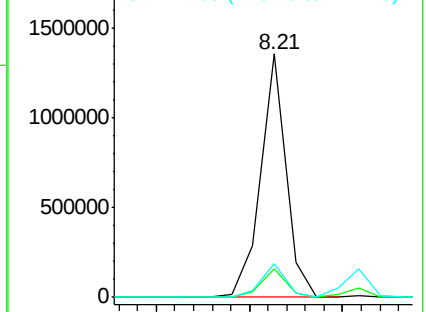
127 14.1 11.4 17.0

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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: 35.71 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

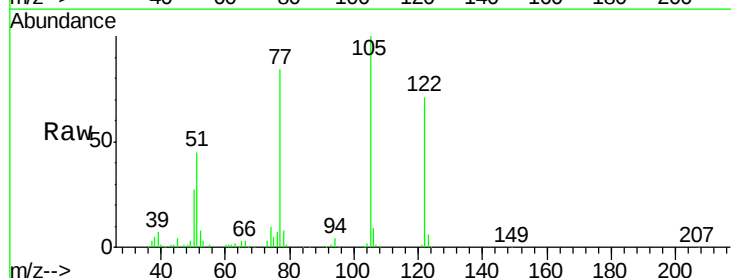
Tgt Ion:122 Resp: 316762

Ion Ratio Lower Upper

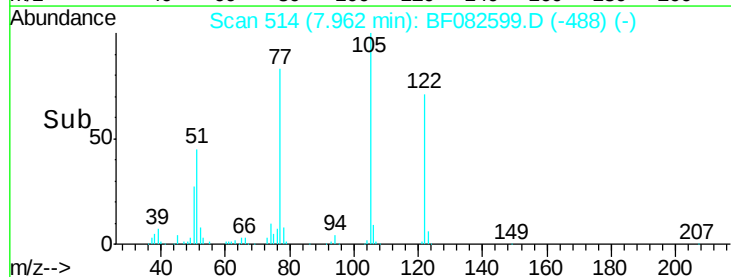
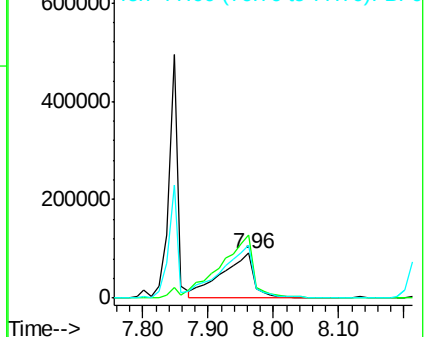
122 100

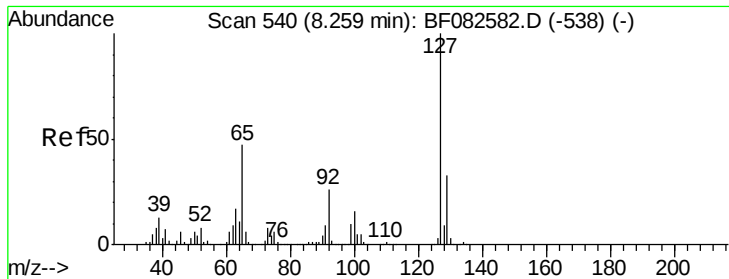
105 140.6 122.6 162.6

77 118.7 100.9 140.9



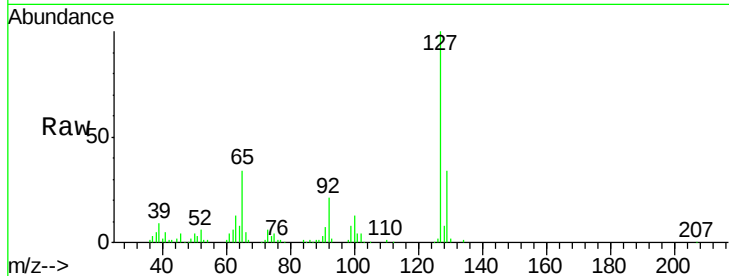
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 9.74 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

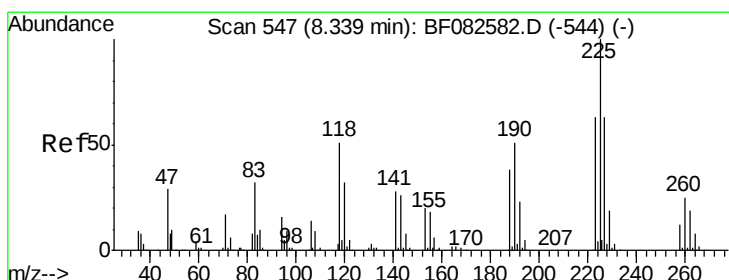
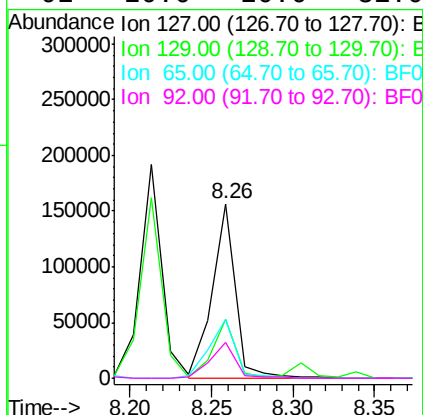
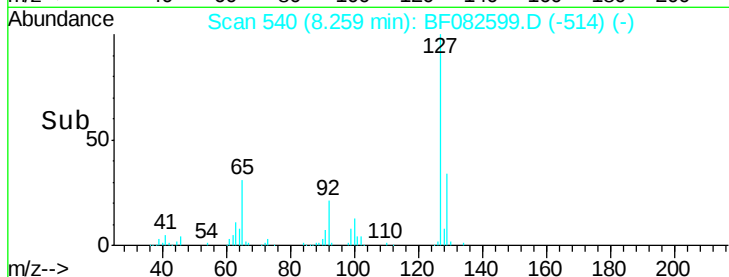
Instrument :
BNA_F
ClientSampleId :
PB86309BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	155852		
129	33.7	26.3	39.5	
65	33.7	37.8	56.8	
92	20.6	20.6	31.0	

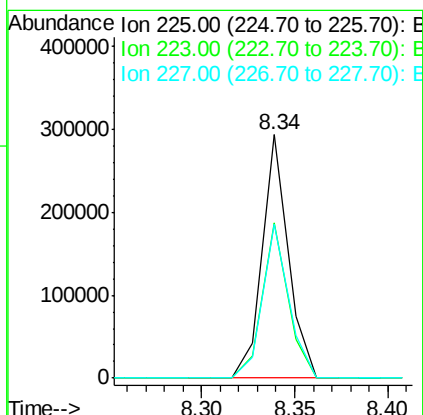
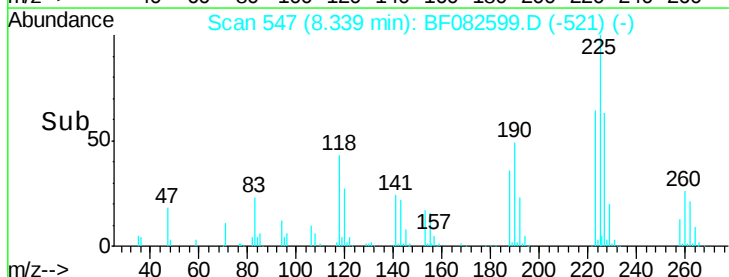
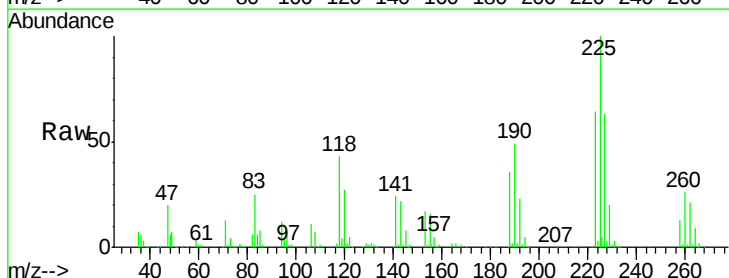
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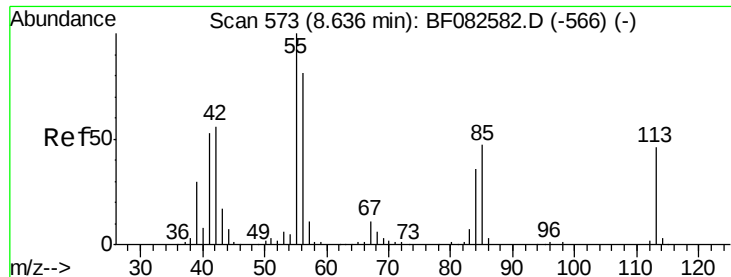
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#34
Hexachlorobutadiene
Concen: 35.81 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	281694		
223	63.9	50.5	75.7	
227	63.2	50.2	75.2	





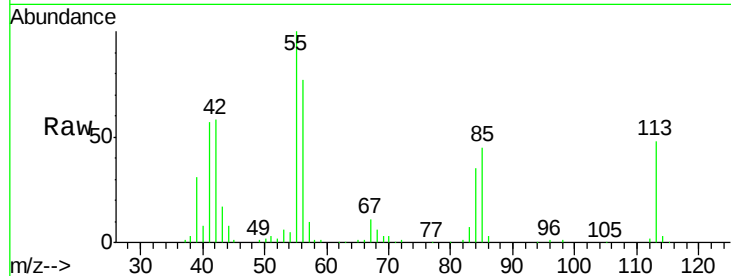
#35
 Caprolactam
 Concen: 37.67 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

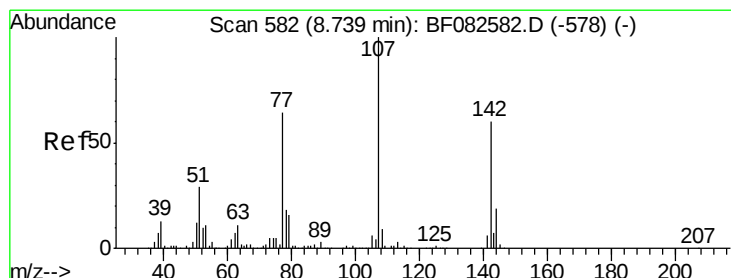
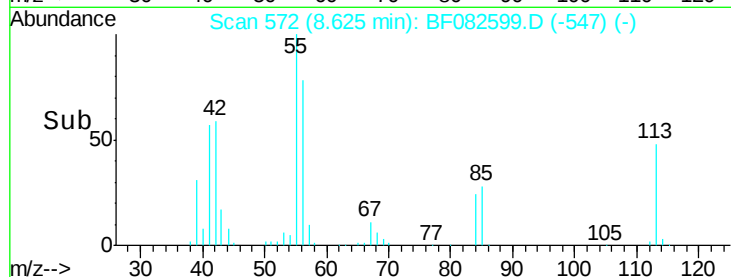
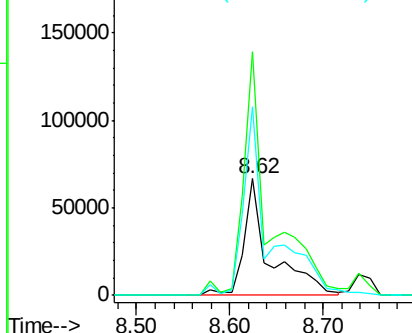
Tgt Ion:113 Resp: 128801
 Ion Ratio Lower Upper
 113 100
 55 209.0 195.5 235.5
 56 161.8 153.5 193.5

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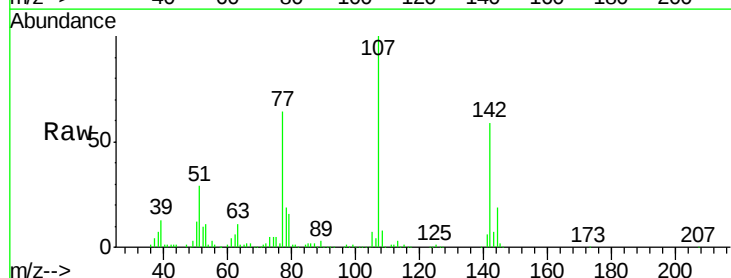


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

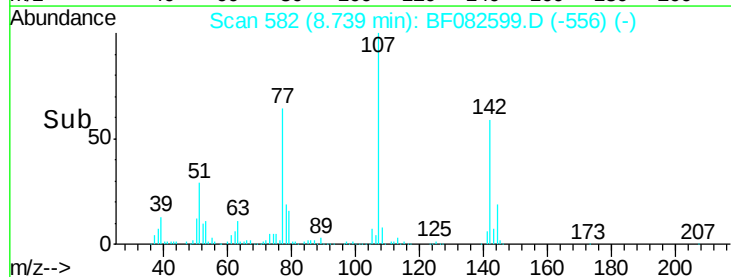
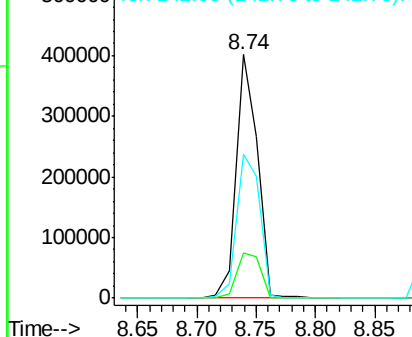


#36
 4-Chloro-3-methylphenol
 Concen: 38.16 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion:107 Resp: 500802
 Ion Ratio Lower Upper
 107 100
 144 18.6 15.4 23.0
 142 59.2 47.8 71.8



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





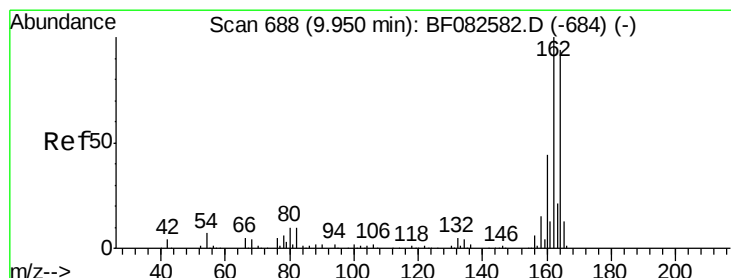
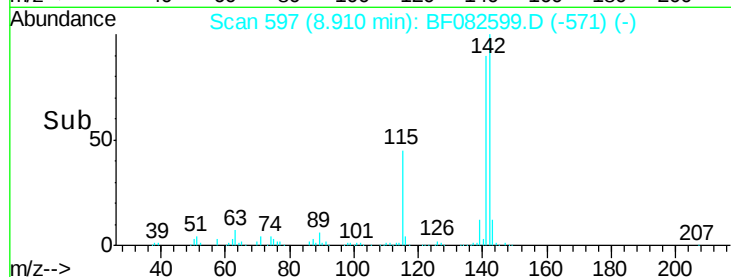
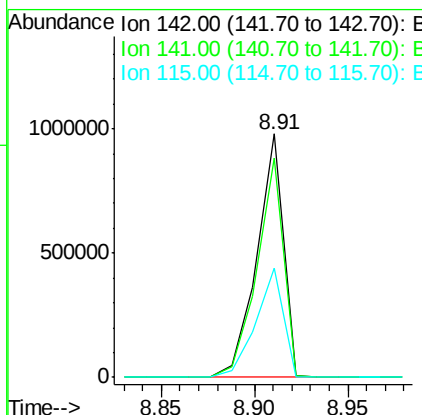
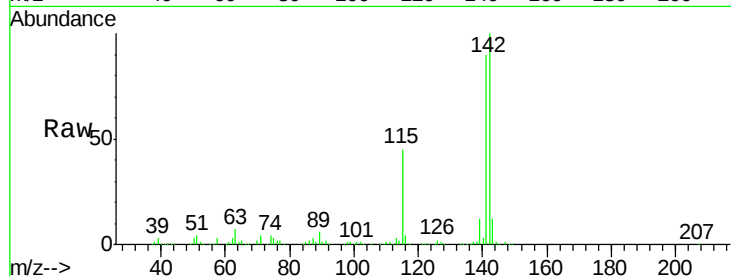
#37
2-Methylnaphthalene
Concen: 39.64 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	962953		
141	90.1	72.3	108.5	
115	44.8	38.1	57.1	

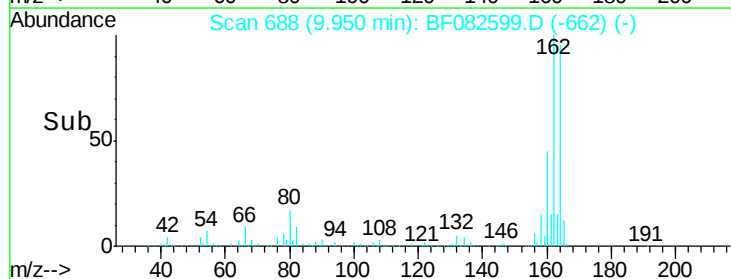
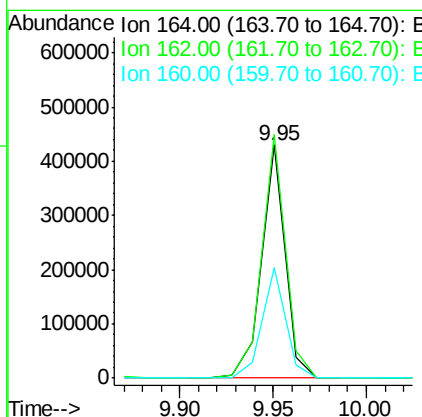
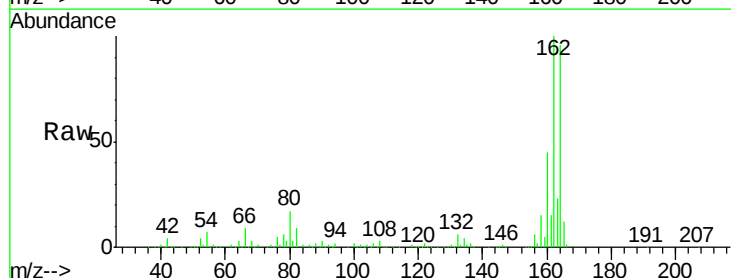
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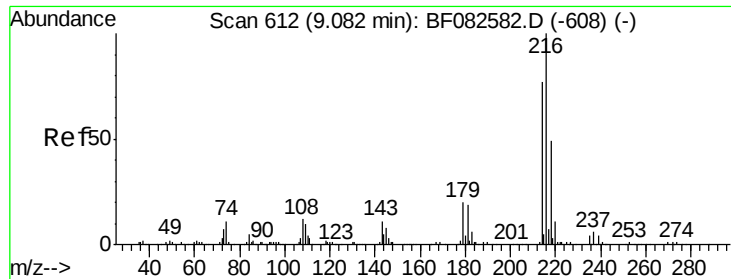
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	370450		
162	104.5	84.9	127.3	
160	47.2	37.5	56.3	





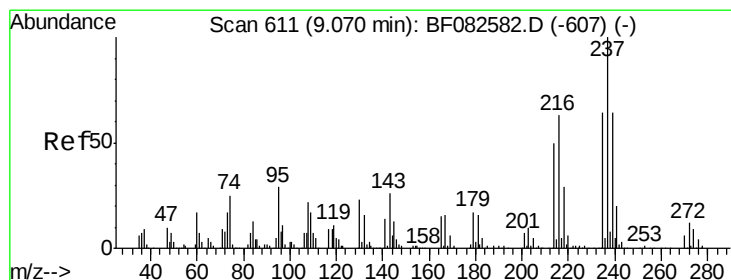
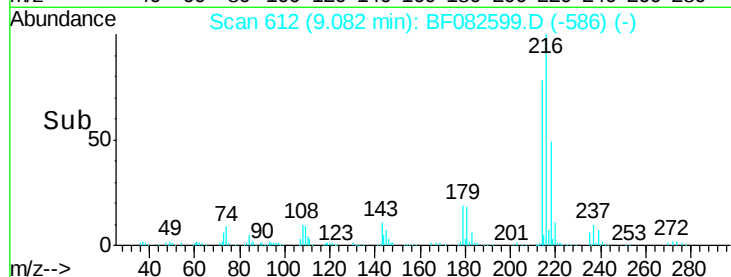
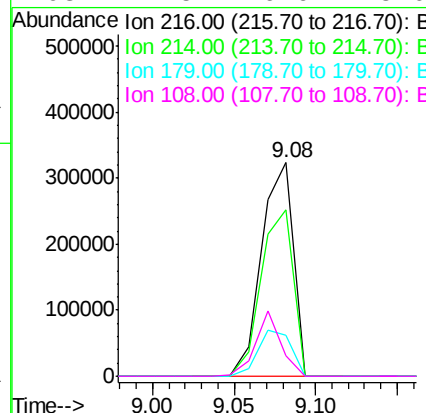
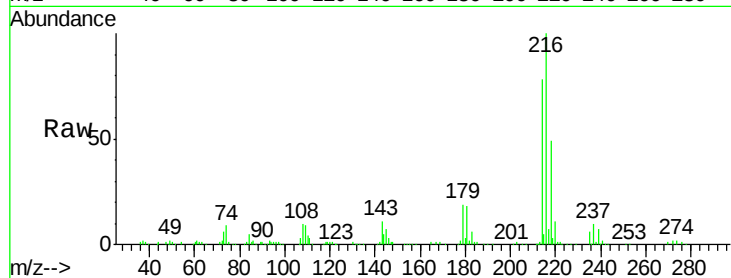
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.32 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Manual Integrations
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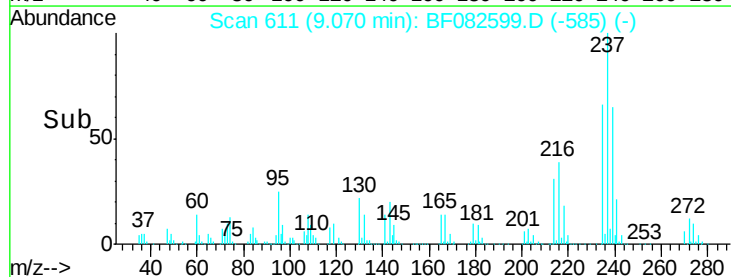
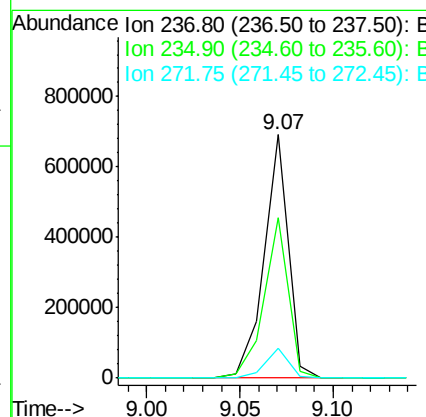
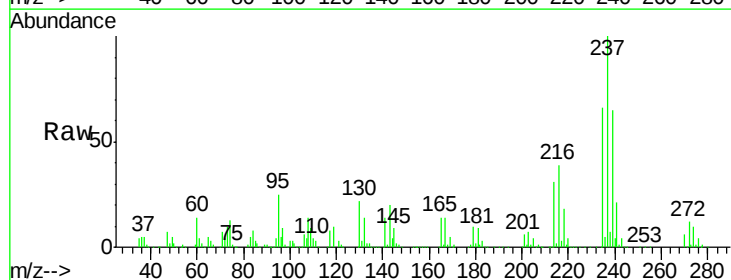
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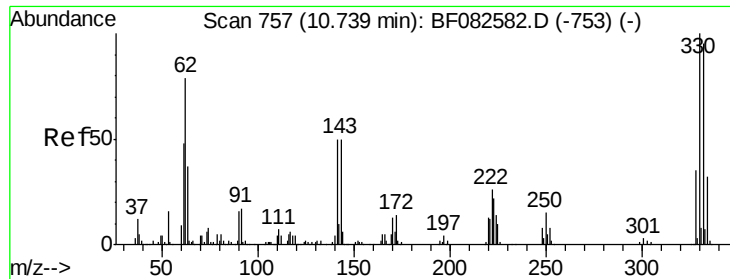
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	436559		
214	79.3	62.2	93.2	
179	22.5	18.1	27.1	
108	24.5	16.6	25.0	



#40
 Hexachlorocyclopentadiene
 Concen: 79.50 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	617815		
235	66.1	44.3	84.3	
272	12.3	0.0	31.9	





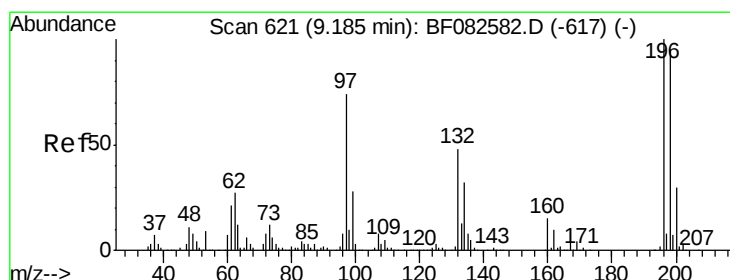
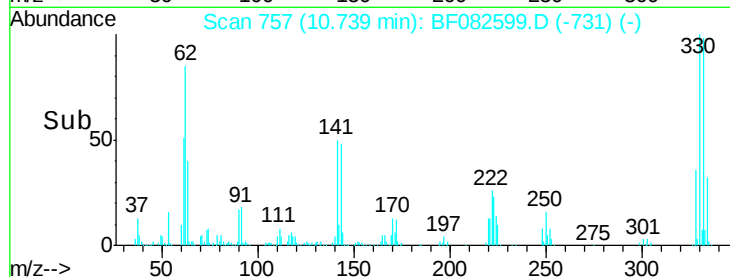
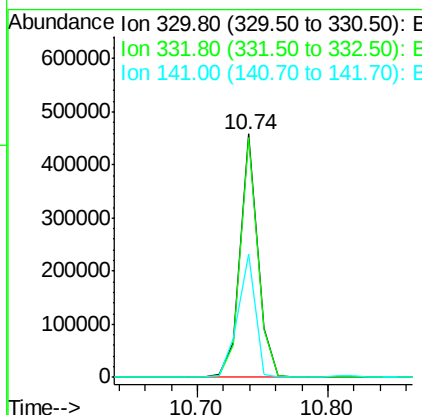
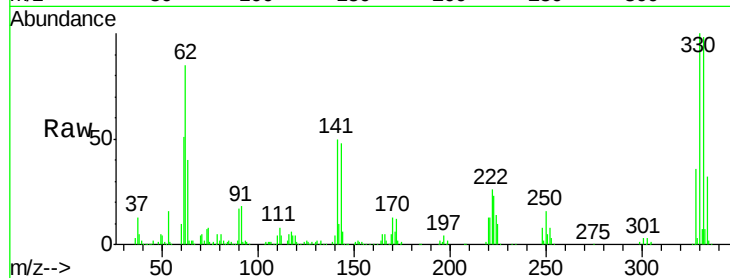
#41
 2,4,6-Tribromophenol
 Concen: 106.34 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	431134		
332	97.7	76.6	114.8	
141	50.3	41.2	61.8	

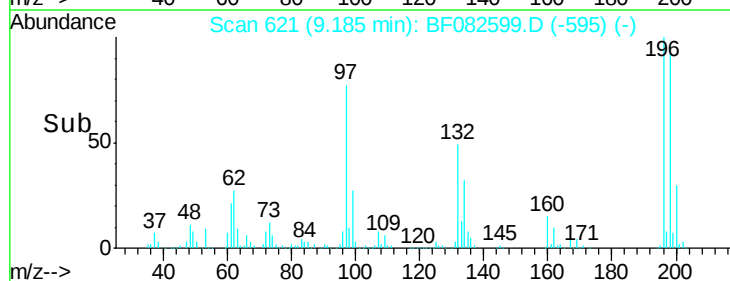
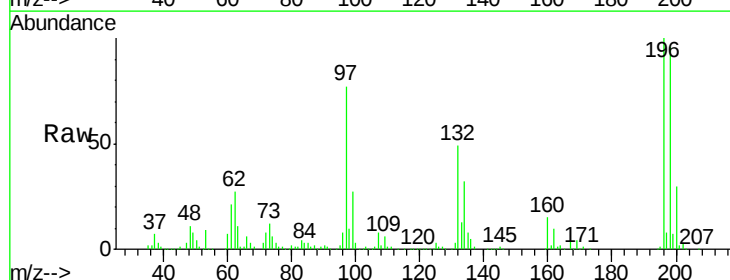
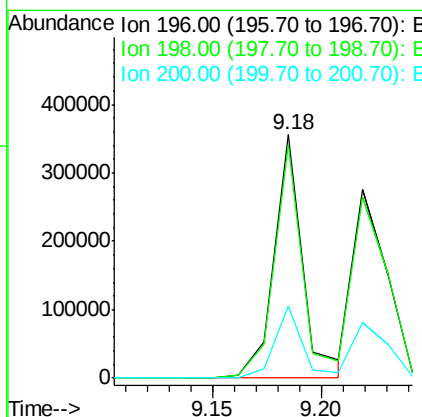
Manual Integrations
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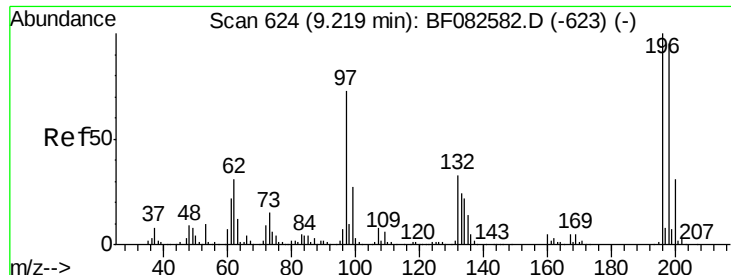
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#42
 2,4,6-Trichlorophenol
 Concen: 36.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

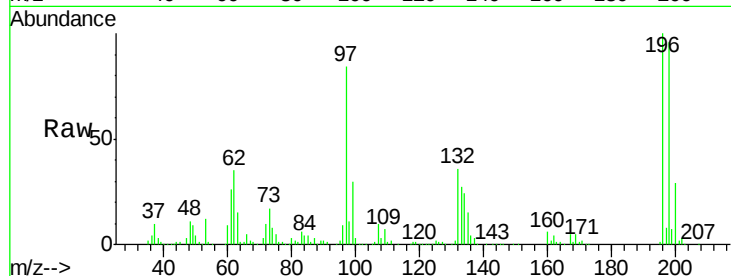
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327793		
198	95.8	76.3	114.5	
200	29.7	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 34.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

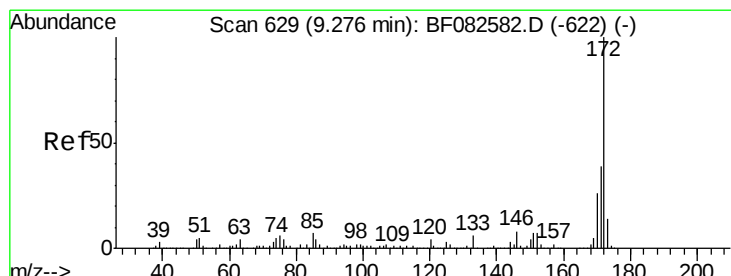
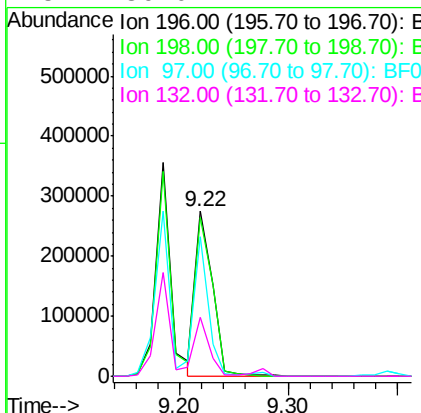
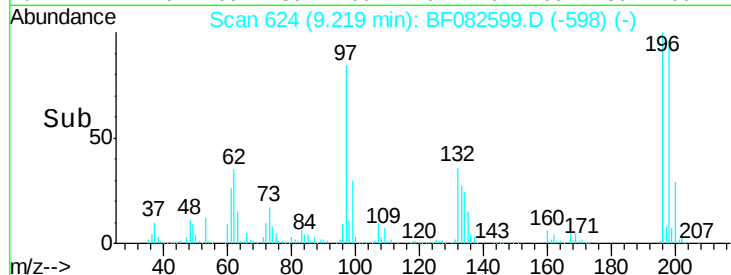
Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303300		
198	96.4	75.8	113.8	
97	84.2	62.3	93.5	
132	36.0	27.4	41.2	

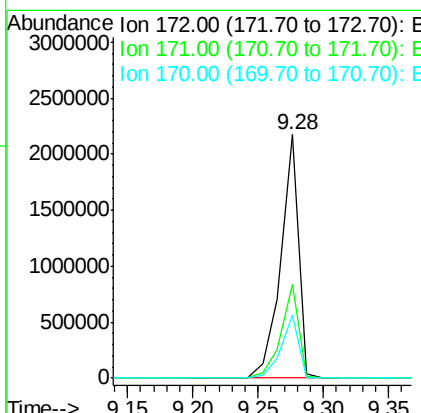
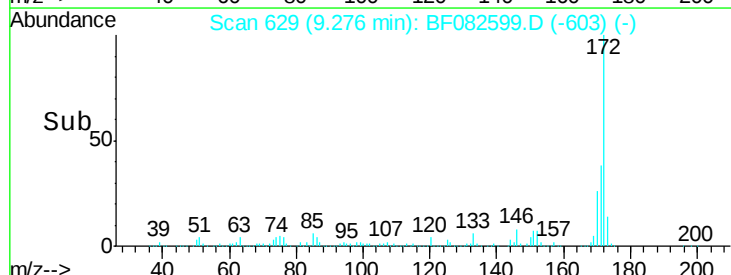
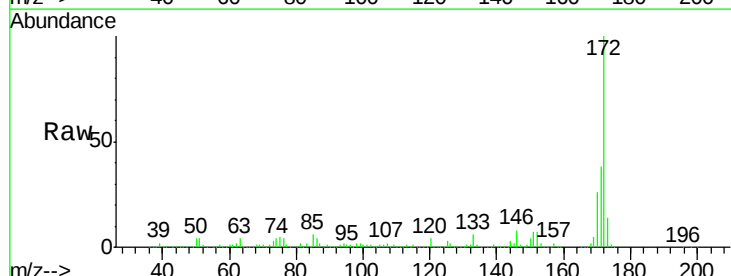
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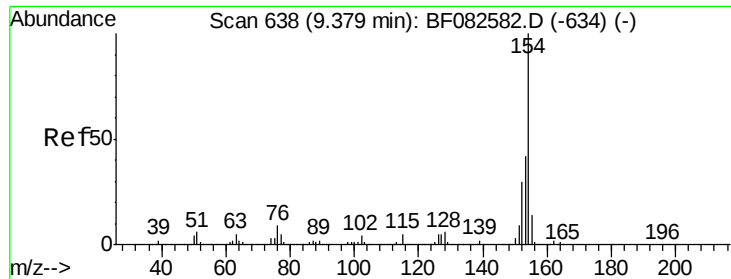
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 79.84 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2083045		
171	38.3	30.8	46.2	
170	26.0	21.2	31.8	





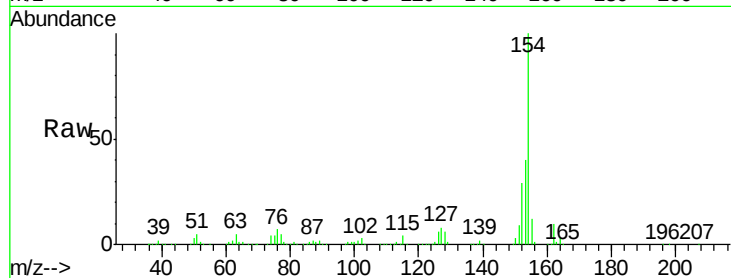
#45
 1,1'-Biphenyl
 Concen: 34.12 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

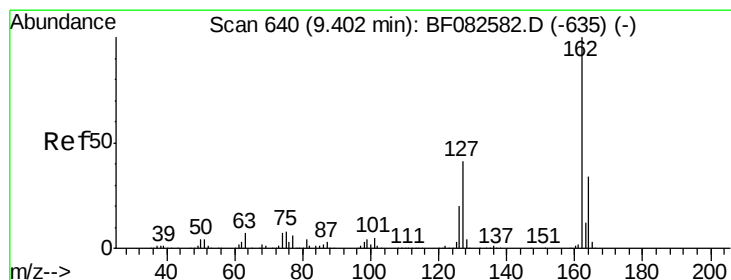
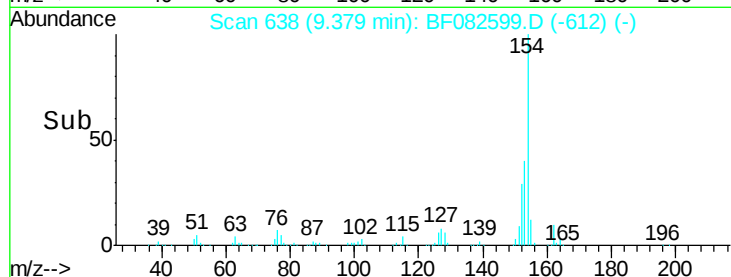
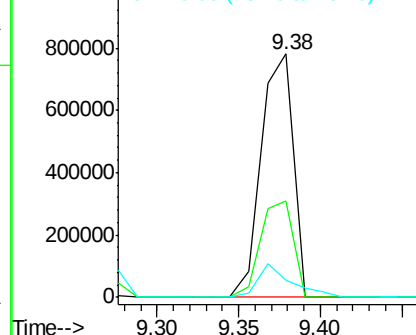
Tgt Ion:154 Resp: 1067746
 Ion Ratio Lower Upper
 154 100
 153 39.5 22.0 62.0
 76 7.2 0.0 29.0

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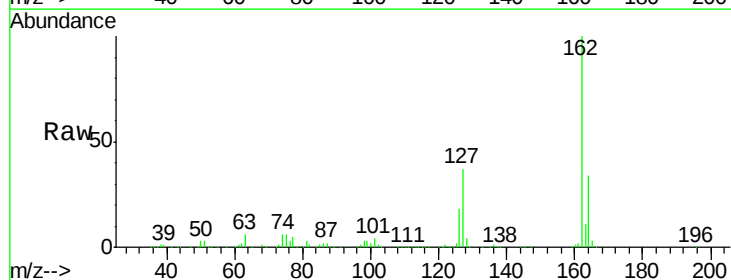


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

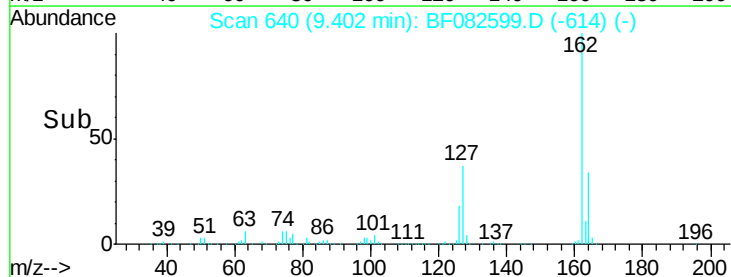
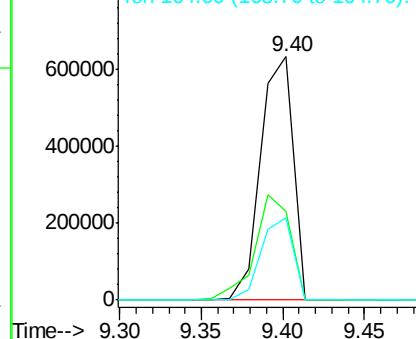


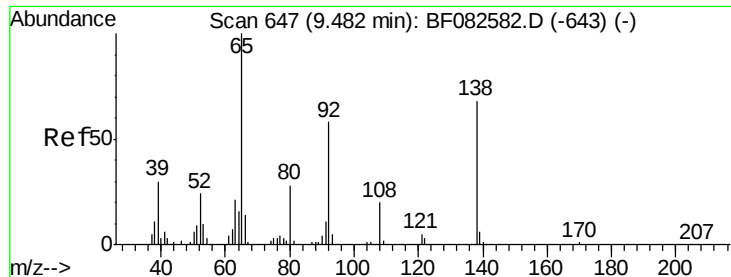
#46
 2-Chloronaphthalene
 Concen: 36.05 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion:162 Resp: 880735
 Ion Ratio Lower Upper
 162 100
 127 36.5 32.7 49.1
 164 34.1 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: 32.47 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF082599.D

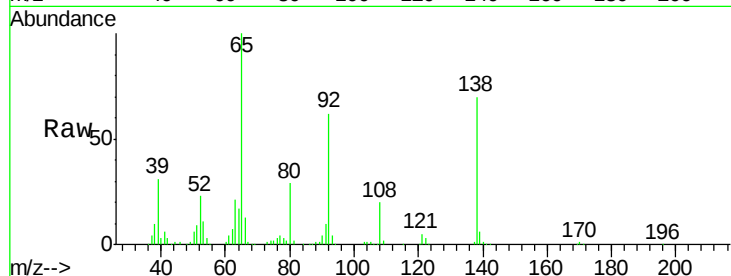
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion: 65 Resp: 308440

Ion Ratio Lower Upper

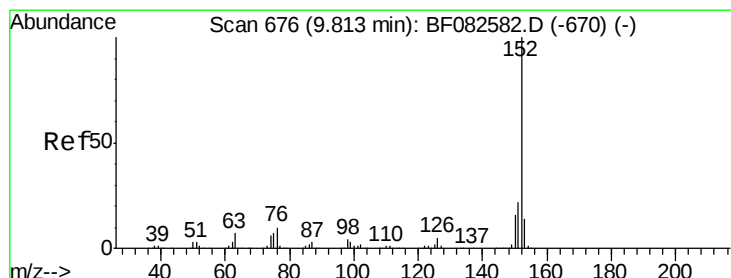
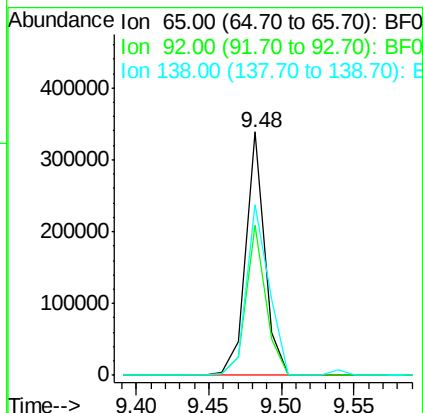
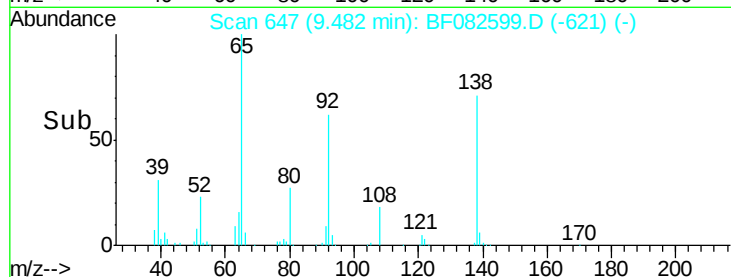
65 100

92 61.5 46.6 70.0

138 70.2 54.6 81.8

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#48

Acenaphthylene

Concen: 36.88 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

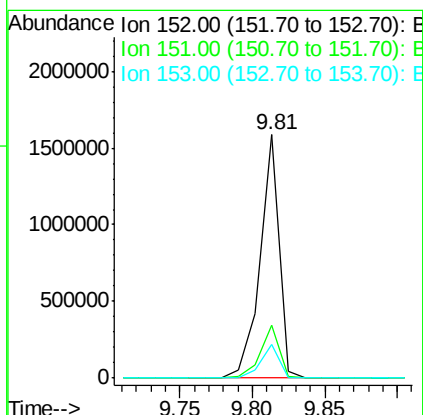
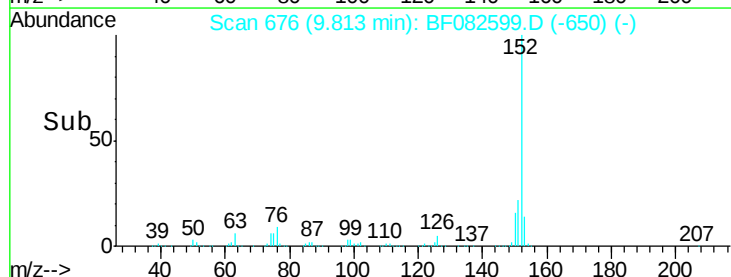
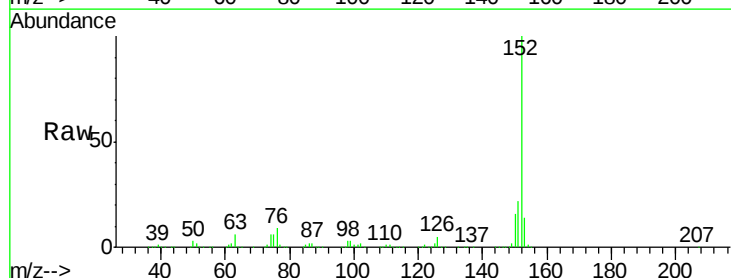
Tgt Ion: 152 Resp: 1441456

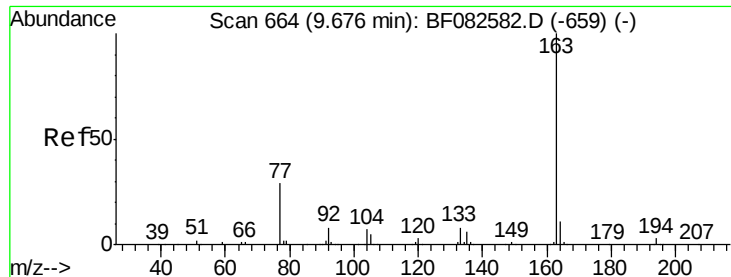
Ion Ratio Lower Upper

152 100

151 21.6 17.3 25.9

153 14.0 11.3 16.9





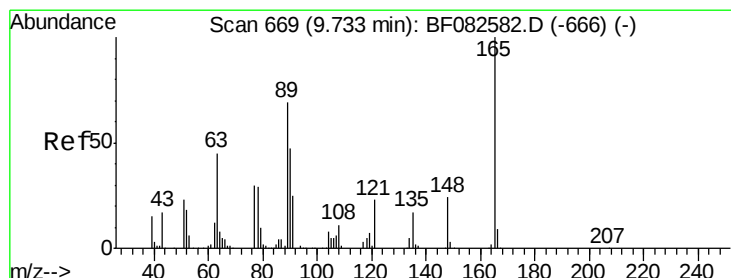
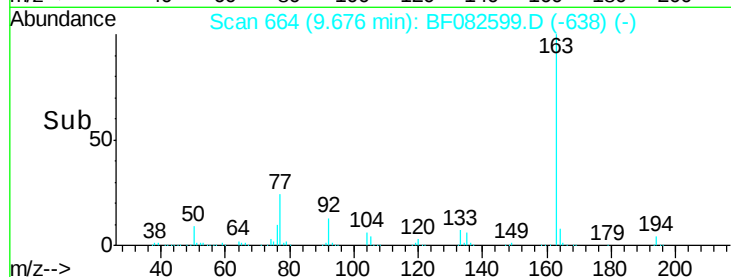
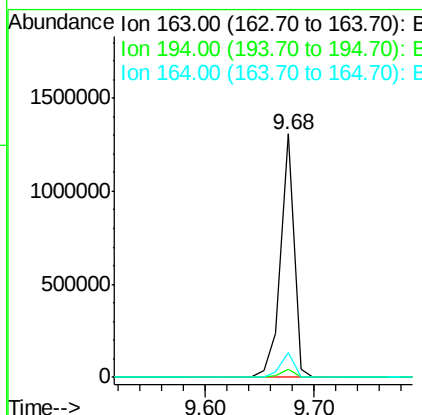
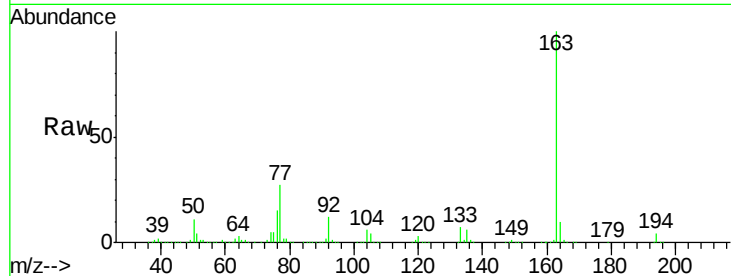
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion:163 Resp: 1120583
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.7 13.1

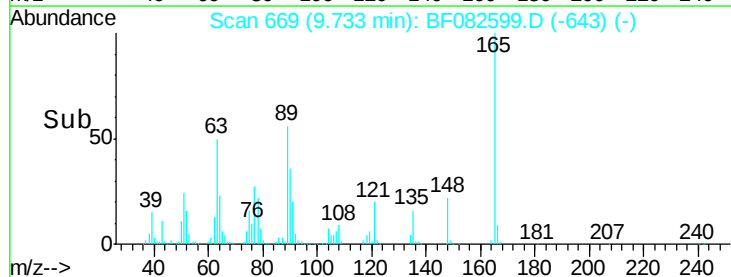
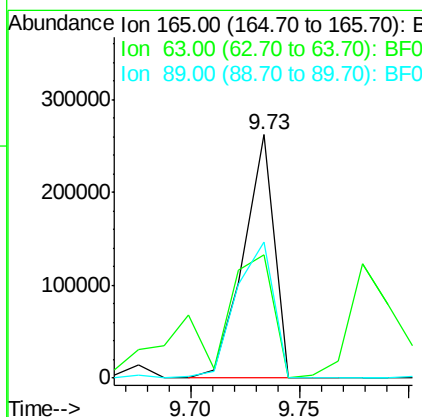
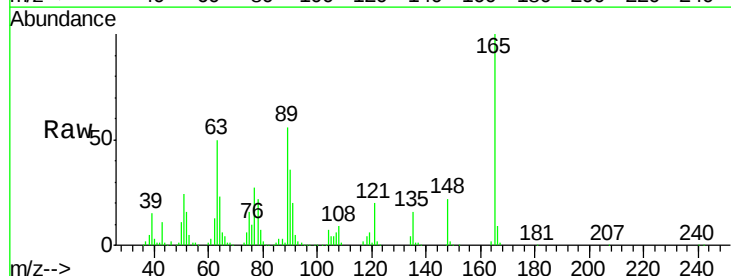
Manual Integrations
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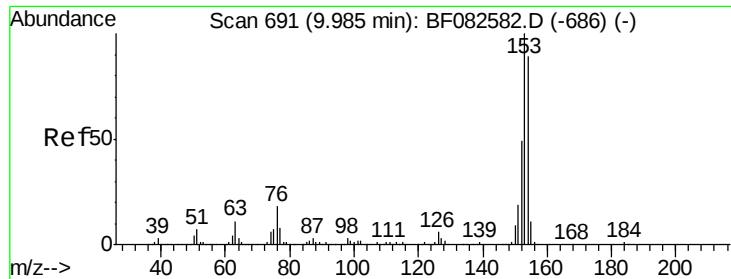
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#50
2,6-Dinitrotoluene
Concen: 40.97 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion:165 Resp: 256907
Ion Ratio Lower Upper
165 100
63 50.5 55.5 83.3#
89 55.7 55.0 82.6





#51

Acenaphthene

Concen: 40.70 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion:154 Resp: 1009719

Ion Ratio Lower Upper

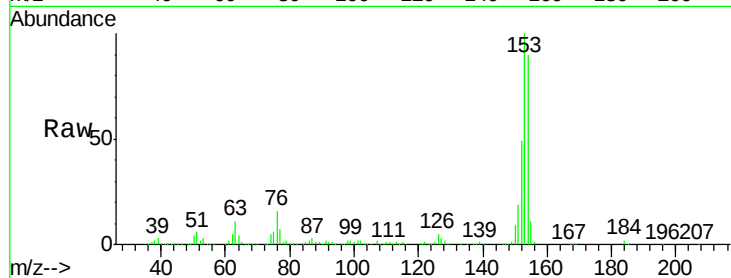
154 100

153 111.3 90.1 135.1

152 54.5 44.3 66.5

Manual Integrations
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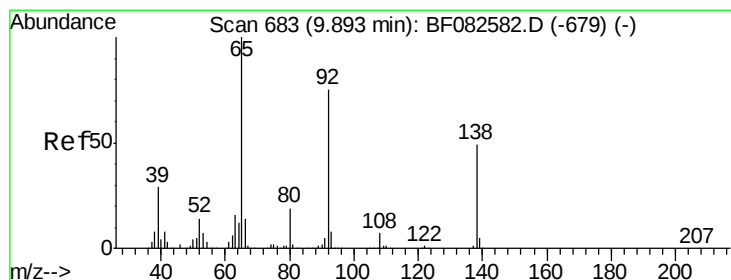
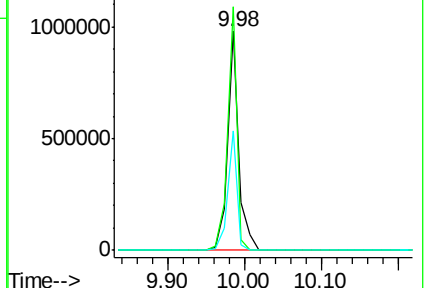
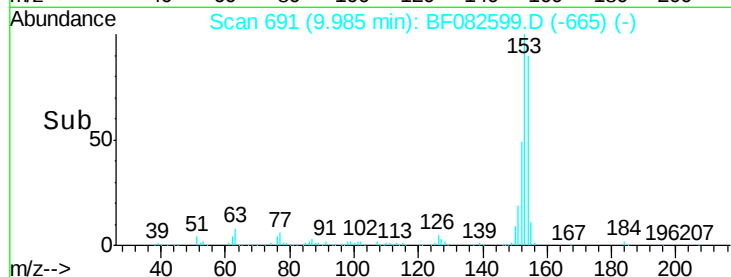
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.27 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

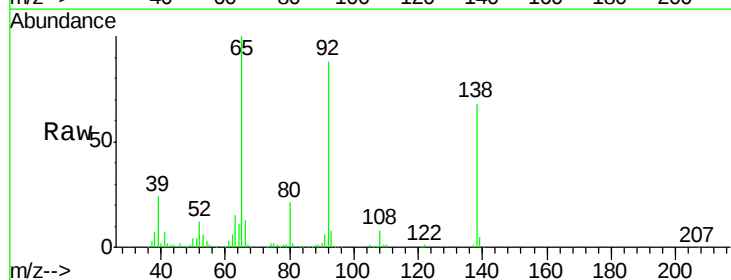
Tgt Ion:138 Resp: 127449

Ion Ratio Lower Upper

138 100

108 11.8 11.3 16.9

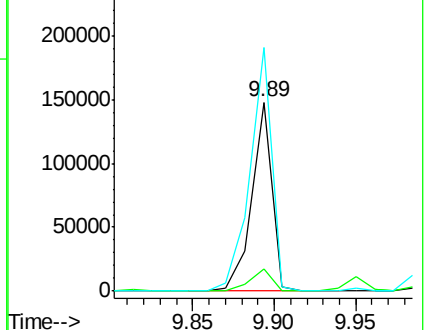
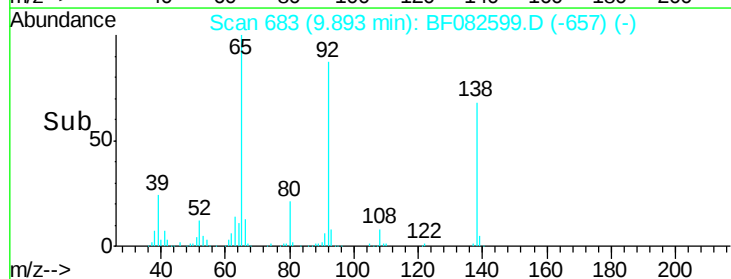
92 129.0 122.4 183.6

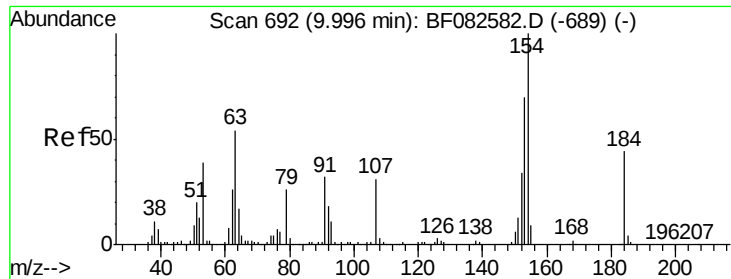


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

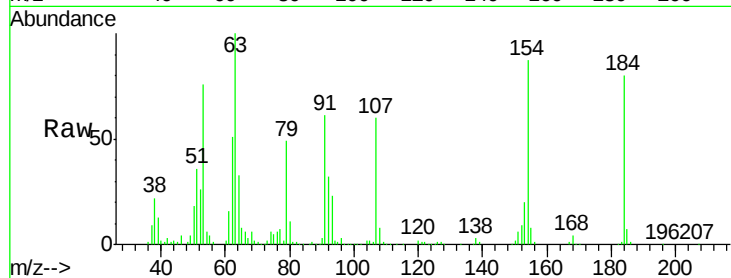
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 71.10 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

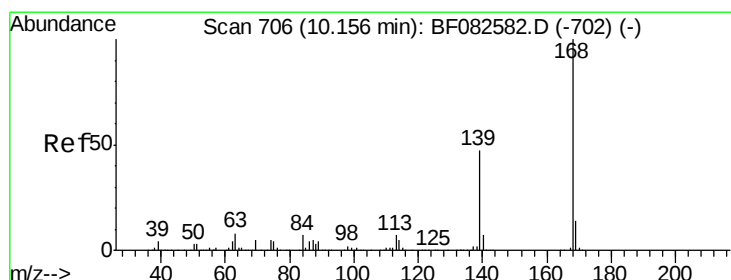
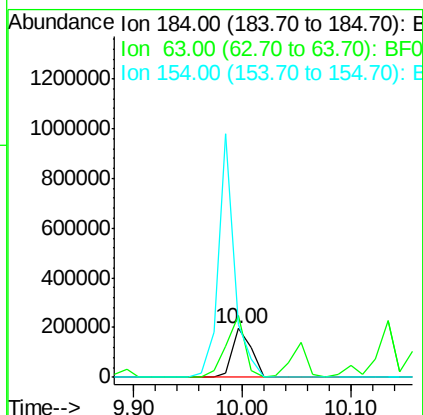
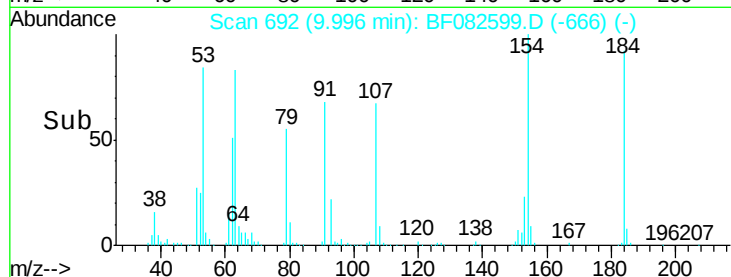
Instrument :
BNA_F
ClientSampleId :
PB86309BS



Tgt Ion:184 Resp: 234814
Ion Ratio Lower Upper
184 100
63 125.5 98.6 148.0
154 109.2 183.9 275.9#

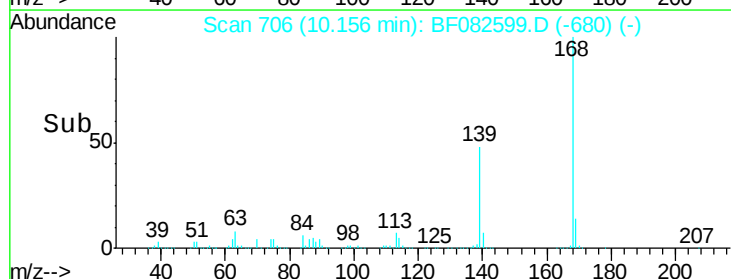
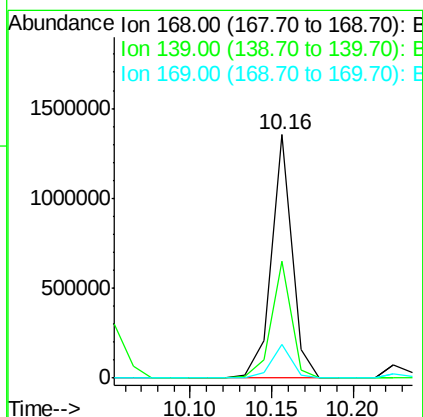
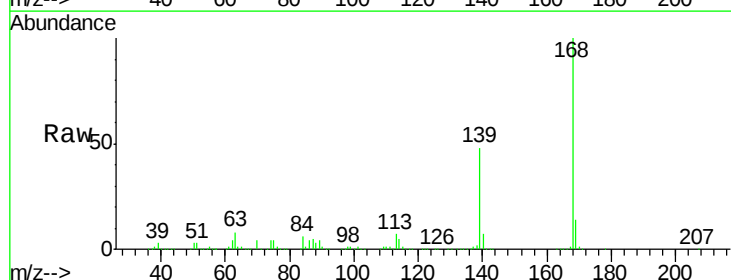
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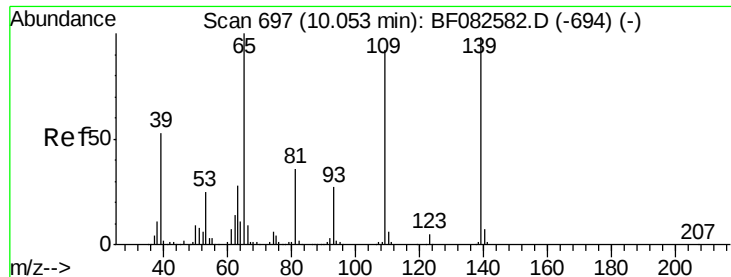
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11/2/2015 4:32:16 PM



#54
Dibenzofuran
Concen: 35.44 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion:168 Resp: 1193186
Ion Ratio Lower Upper
168 100
139 48.0 37.8 56.6
169 14.1 11.3 16.9





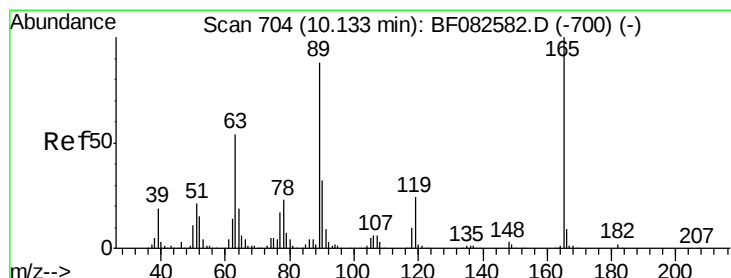
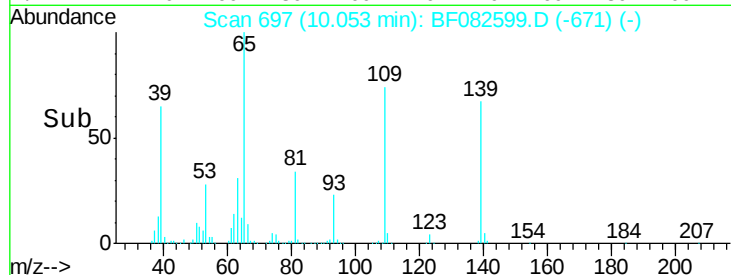
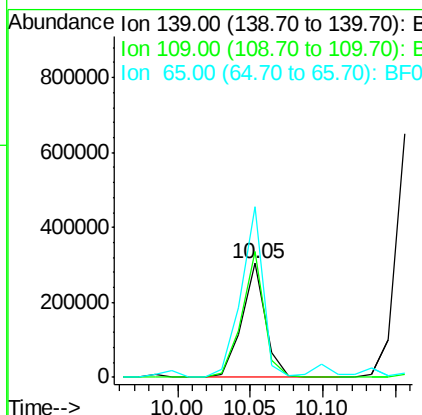
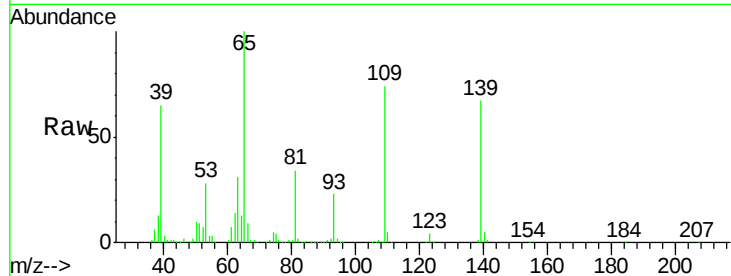
#55
4-Nitrophenol
Concen: 64.72 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	339717		
109	110.9	73.7	113.7	
65	149.7	82.9	122.9#	

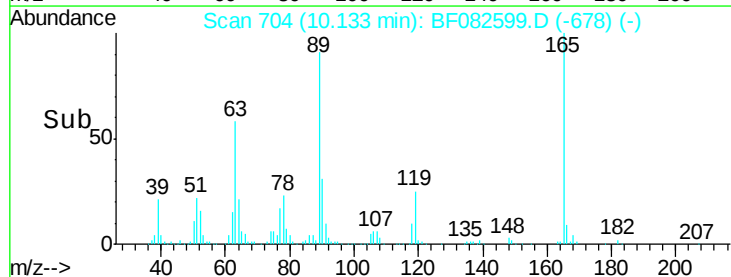
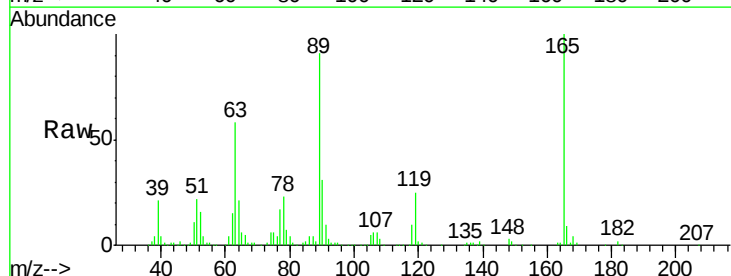
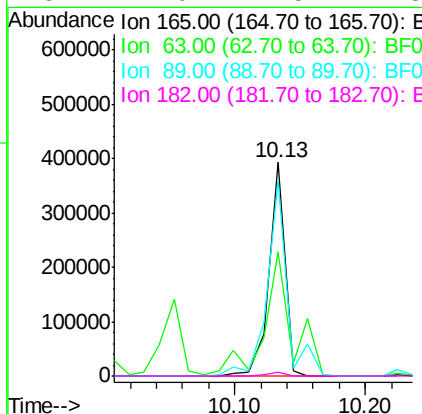
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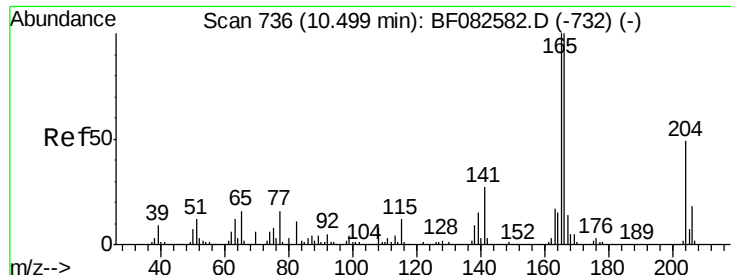
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#56
2,4-Dinitrotoluene
Concen: 39.93 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	338613		
63	58.0	43.4	65.0	
89	91.5	70.6	106.0	
182	2.0	1.5	2.3	





#57

Fluorene

Concen: 38.05 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion:166 Resp: 1033194

Ion Ratio Lower Upper

166 100

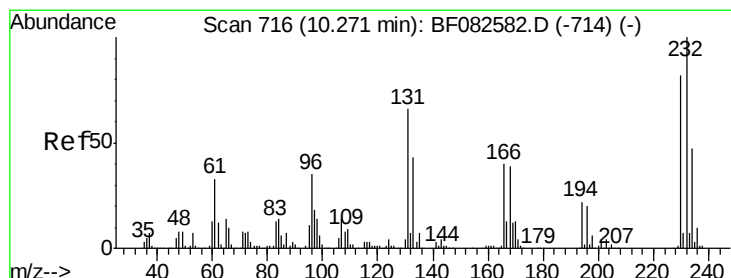
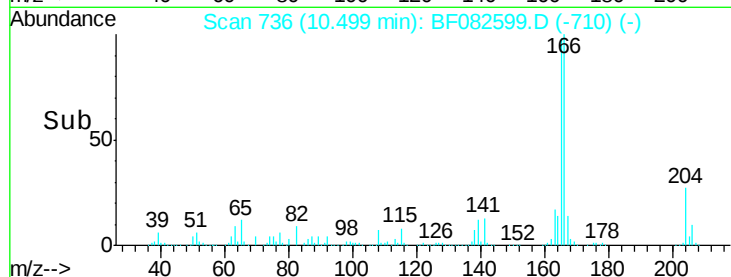
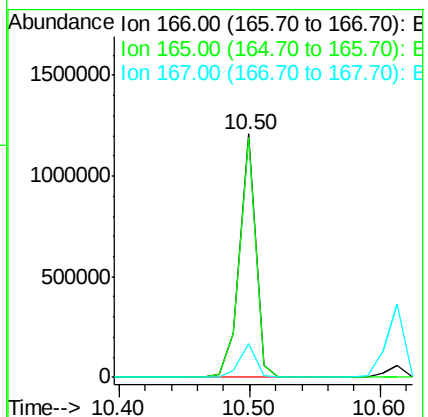
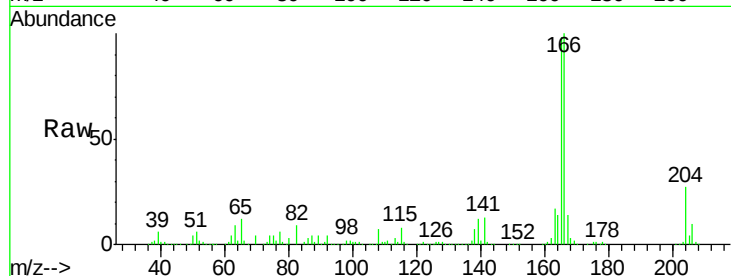
165 98.3 80.2 120.4

167 13.7 11.2 16.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.39 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:232 Resp: 273537

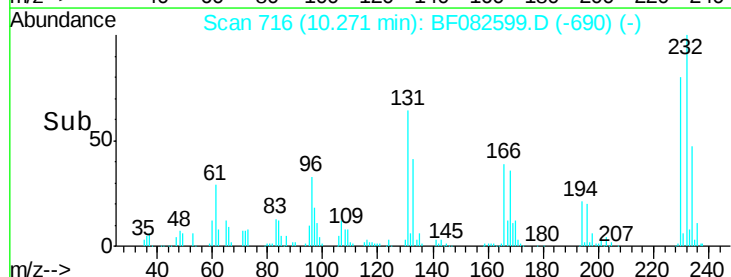
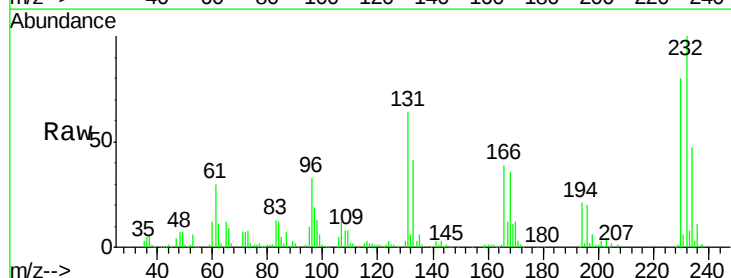
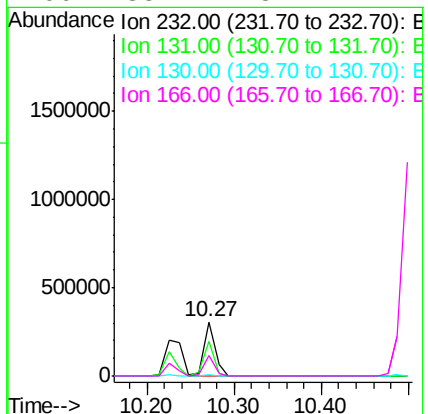
Ion Ratio Lower Upper

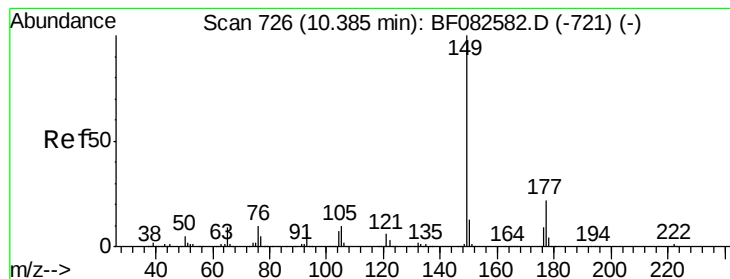
232 100

131 58.6 46.2 69.2

130 2.8 2.4 3.6

166 35.4 28.2 42.2





#59

Diethylphthalate

Concen: 36.75 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

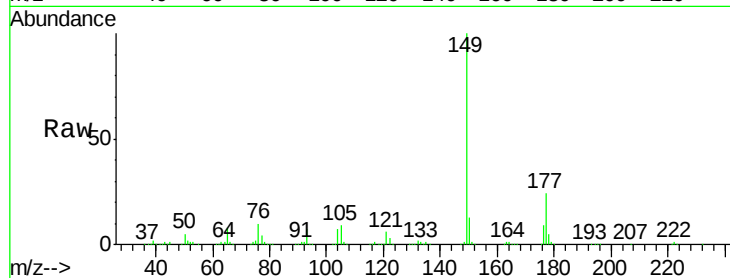
ClientSampleId :

PB86309BS

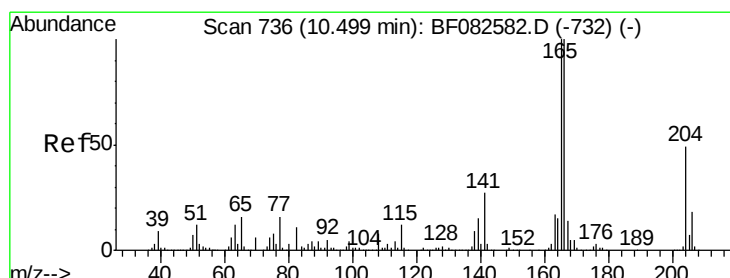
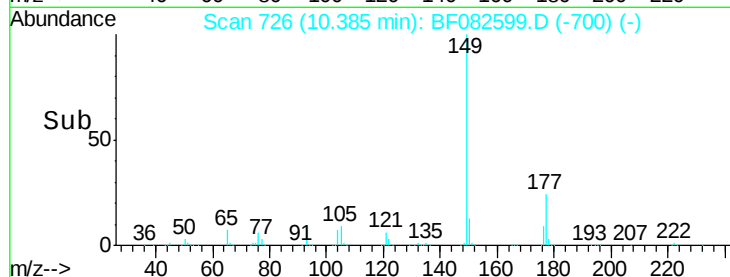
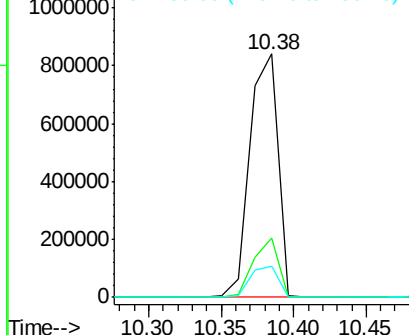
Manual Integrations
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Tgt Ion:	149	Resp:	1131993
Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.9	26.9
150	12.7	10.1	15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 35.27 ng

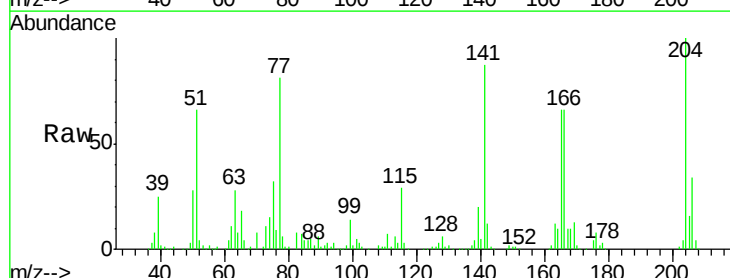
RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

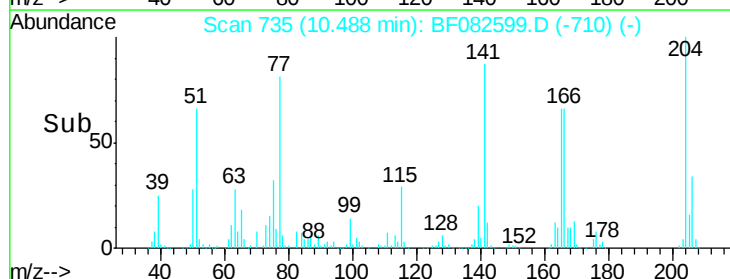
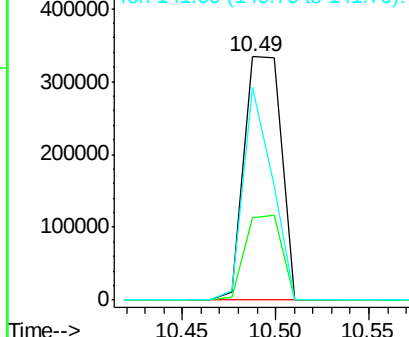
Lab File: BF082599.D

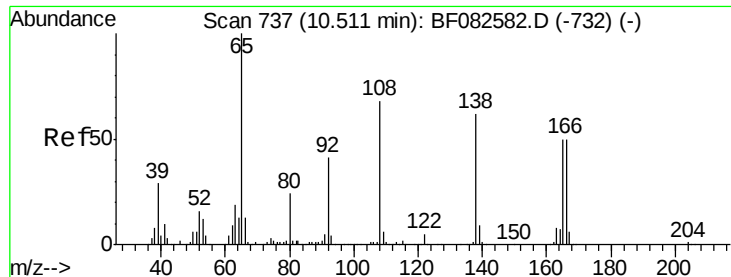
Acq: 31 Oct 2015 4:26

Tgt Ion:	204	Resp:	465529
Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	87.3	44.6	66.8#



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





#61

4-Nitroaniline

Concen: 33.45 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF082599.D

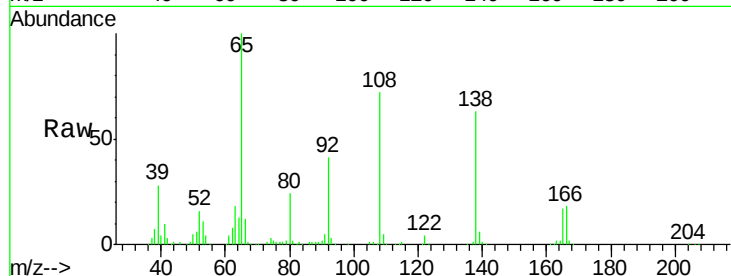
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion: 138 Resp: 222700

Ion Ratio Lower Upper

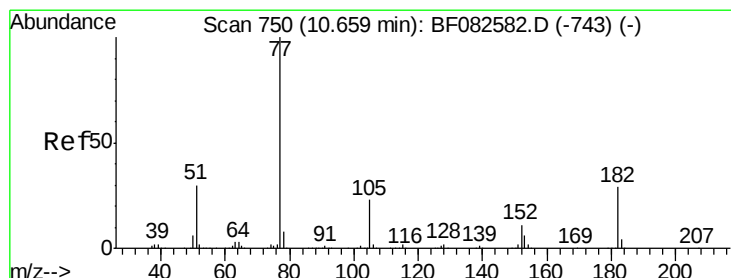
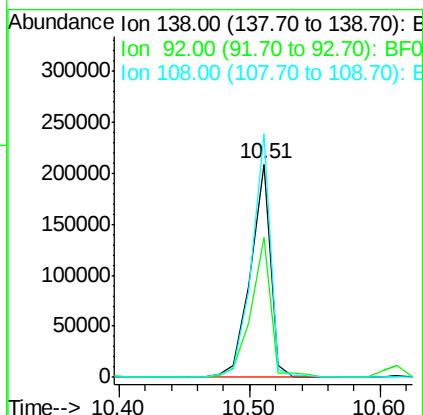
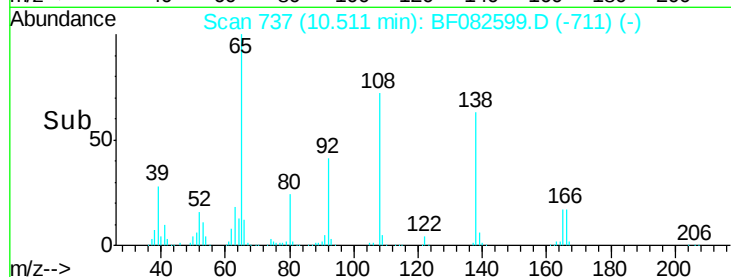
138 100

92 65.5 45.8 85.8

108 114.3 89.4 129.4

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#62

Azobenzene

Concen: 37.70 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion: 77 Resp: 1309592

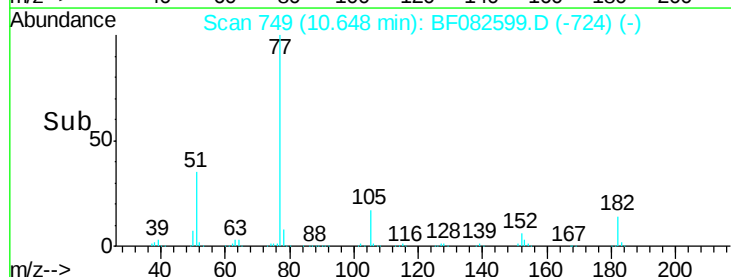
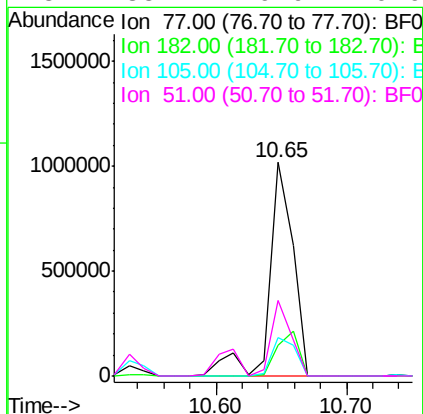
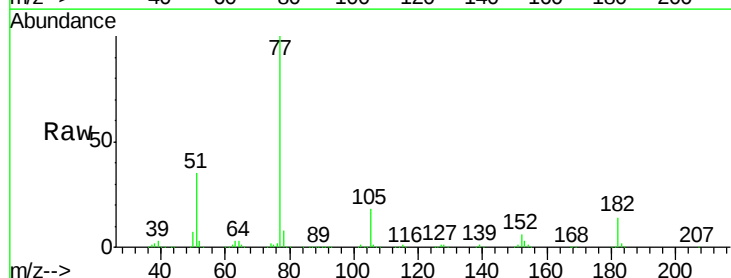
Ion Ratio Lower Upper

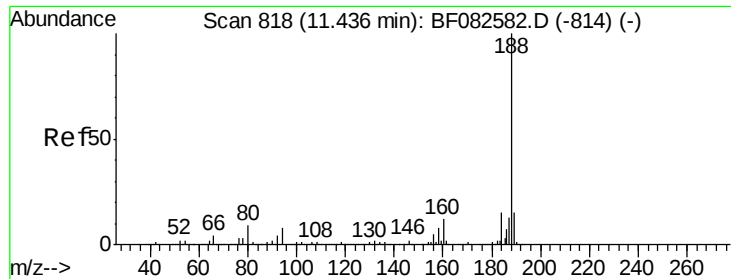
77 100

182 14.4 9.3 49.3

105 17.7 2.6 42.6

51 35.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082599.D

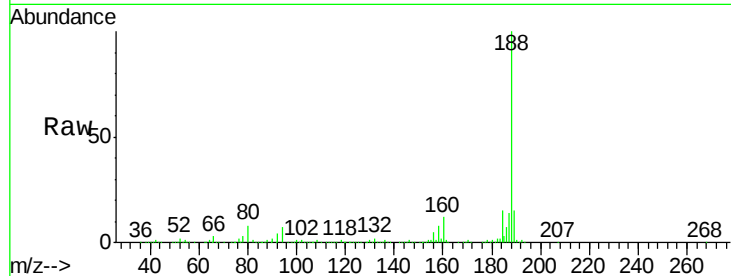
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

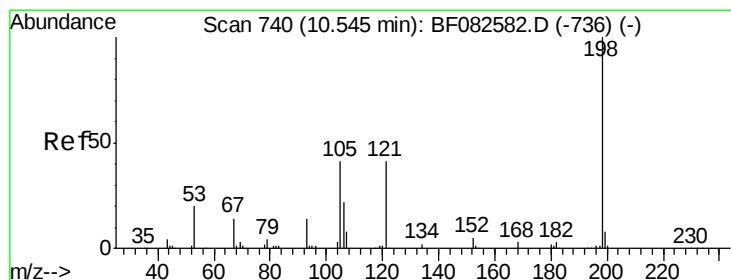
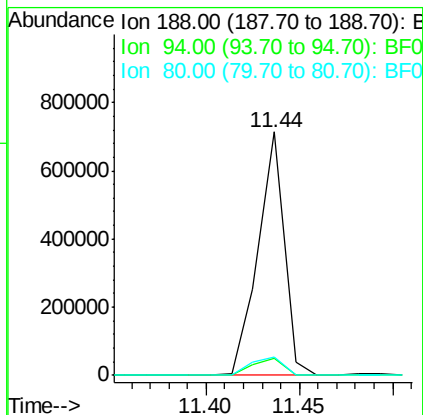
PB86309BS



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	694546		
94	7.0	6.1	9.1	
80	7.7	7.0	10.6	

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.31 ng

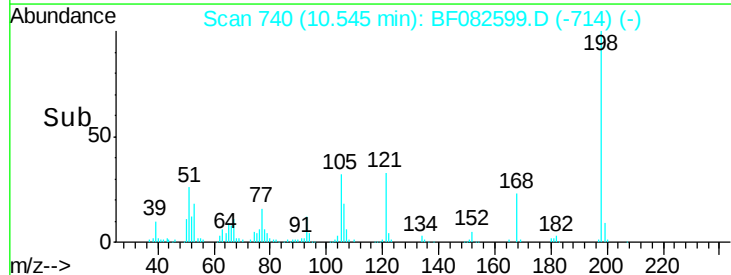
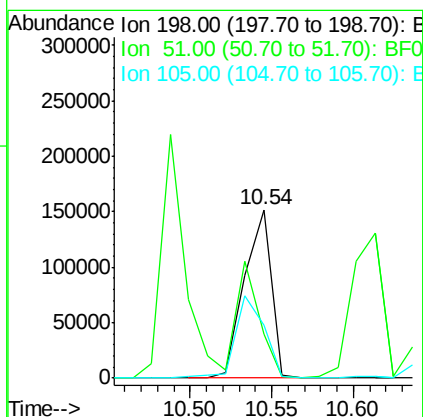
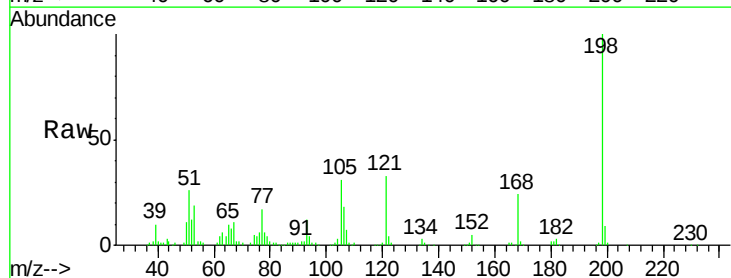
RT: 10.54 min Scan# 740

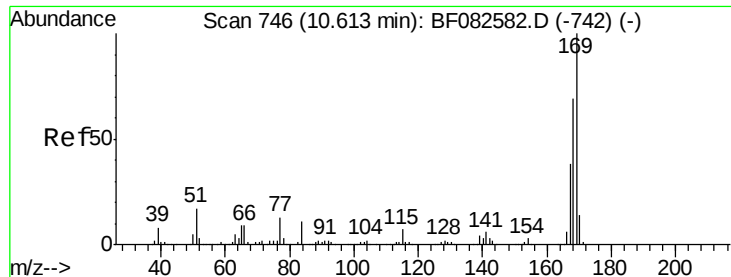
Delta R.T. 0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173043		
51	26.1	17.3	57.3	
105	31.4	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 38.80 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion:169 Resp: 926385
Ion Ratio Lower Upper

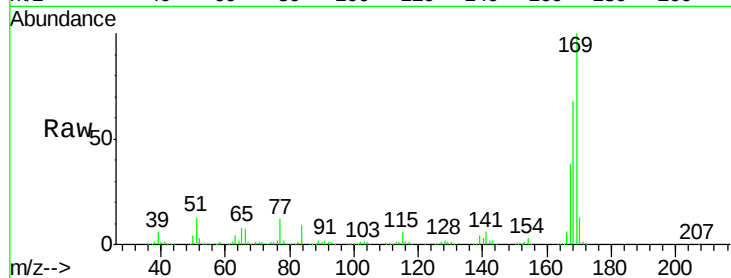
169 100

168 68.0 55.0 82.6

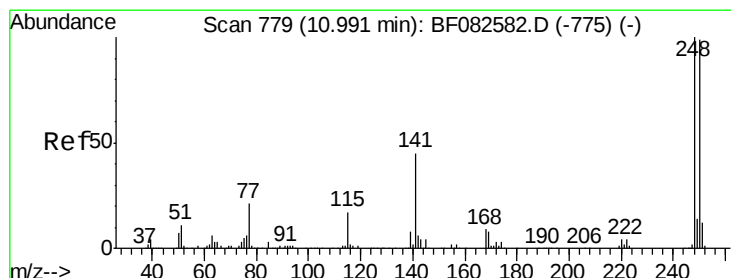
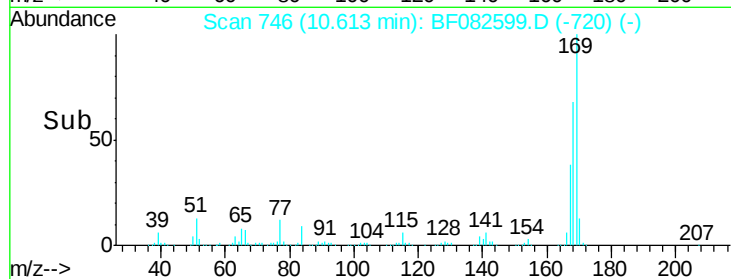
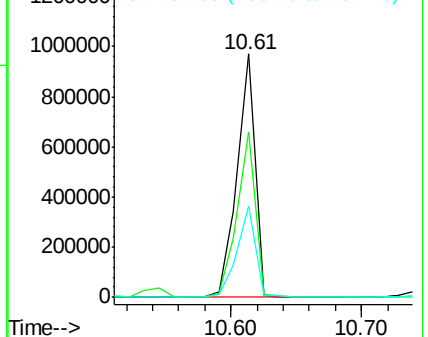
167 37.6 30.5 45.7

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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: 35.39 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF082599.D

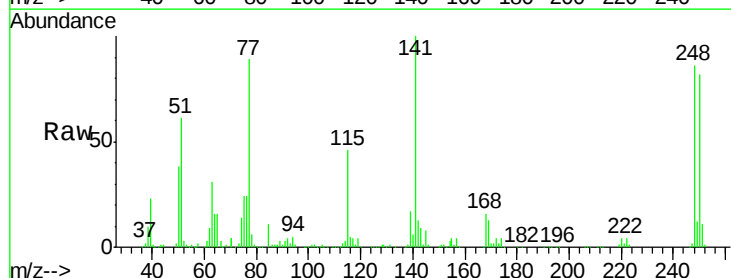
Acq: 31 Oct 2015 4:26

Tgt Ion:248 Resp: 278520
Ion Ratio Lower Upper

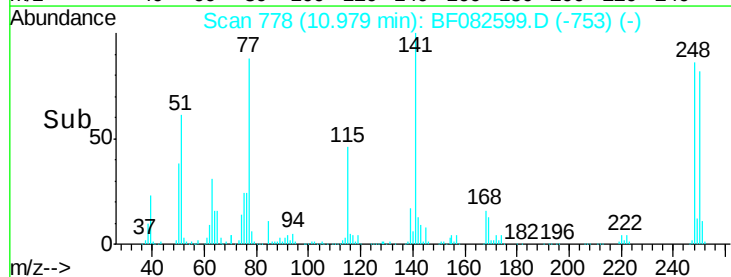
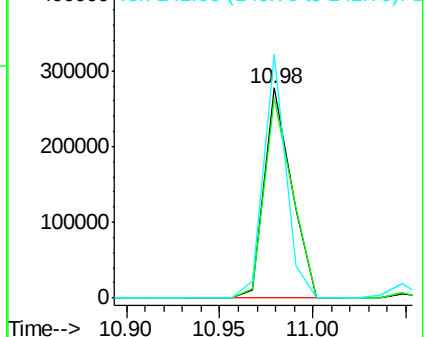
248 100

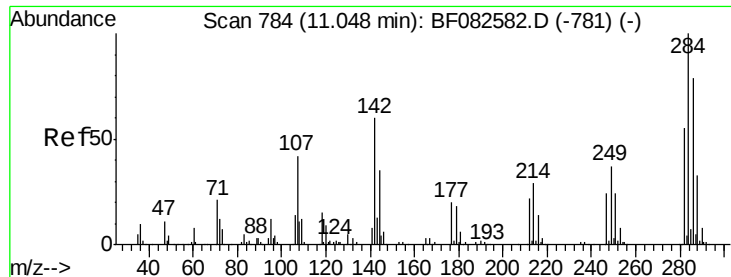
250 95.4 79.4 119.2

141 115.9 36.3 54.5#



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





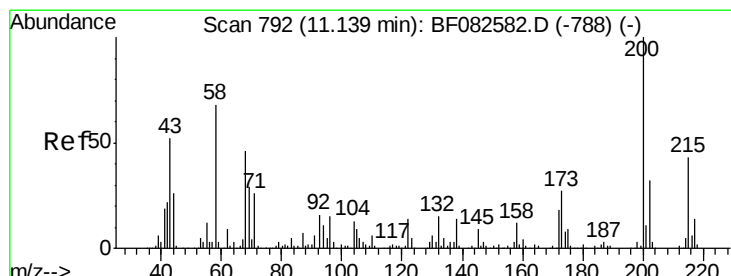
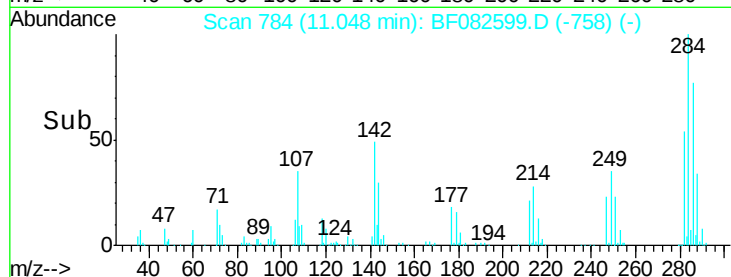
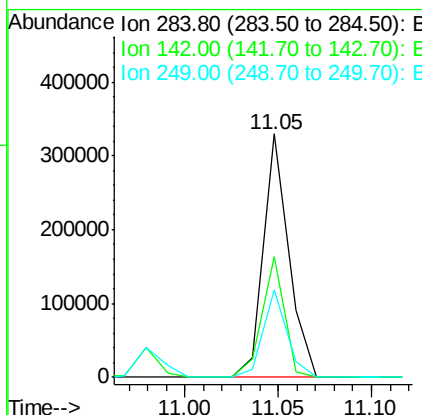
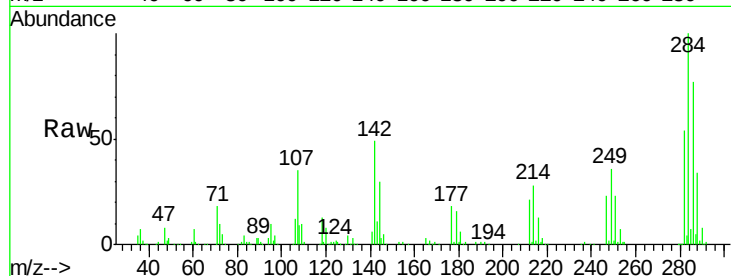
#67
Hexachlorobenzene
Concen: 35.22 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.4	47.9	71.9
249	35.7	29.7	44.5

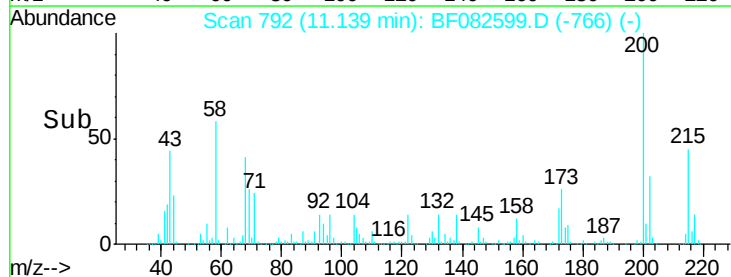
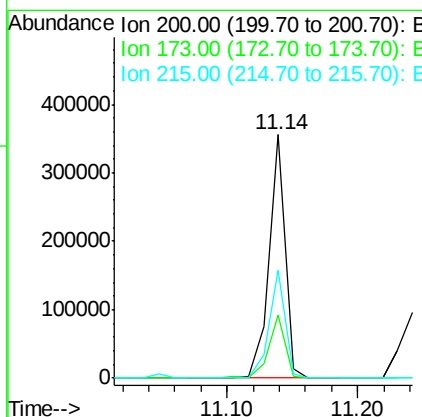
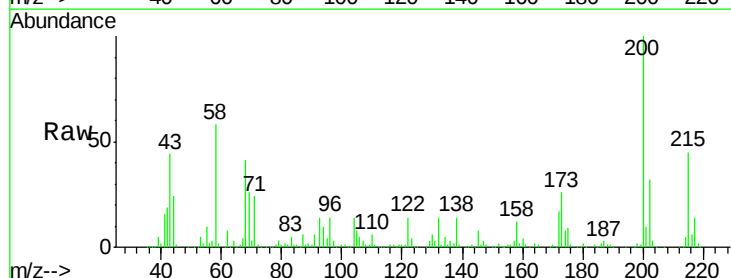
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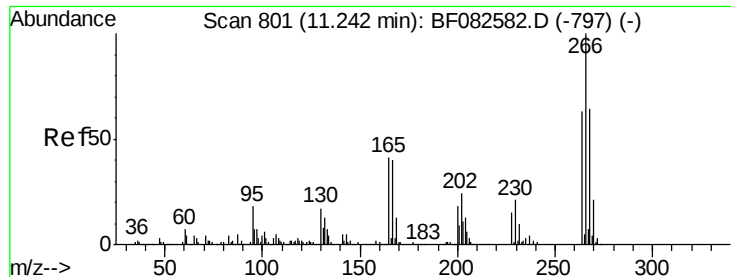
Mmdadoda
11/2/2015 4:32:16 PM



#68
Atrazine
Concen: 39.30 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.9	46.9
215	44.5	22.9	62.9





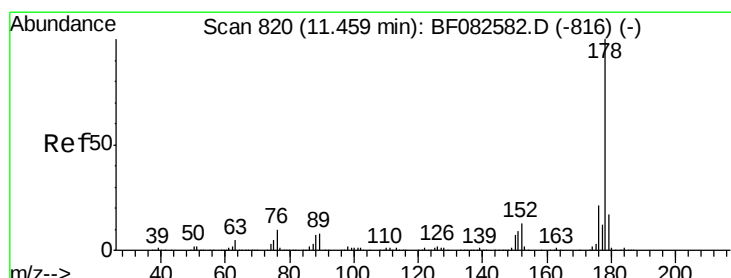
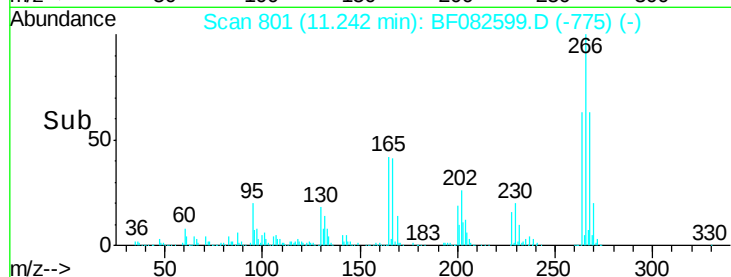
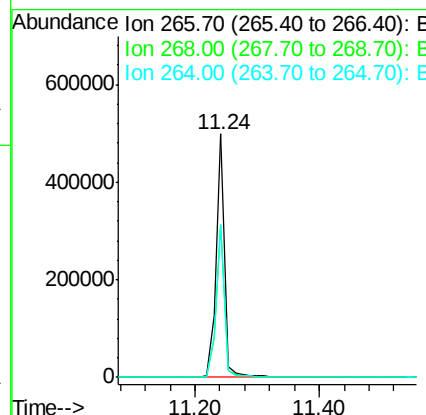
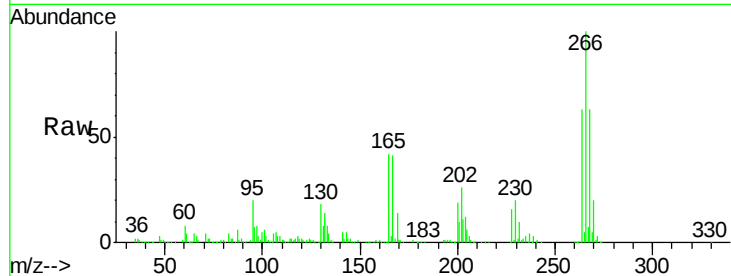
#69
 Pentachlorophenol
 Concen: 80.89 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.6
264	62.5	50.6	75.8

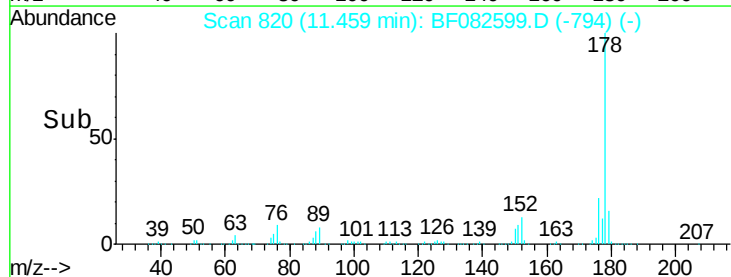
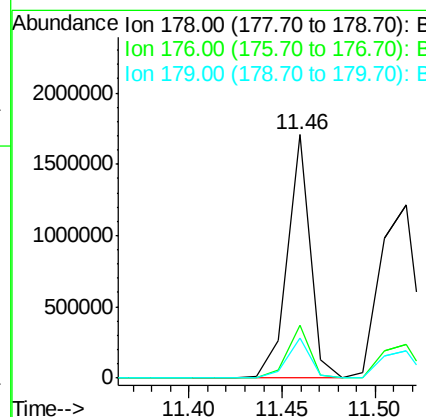
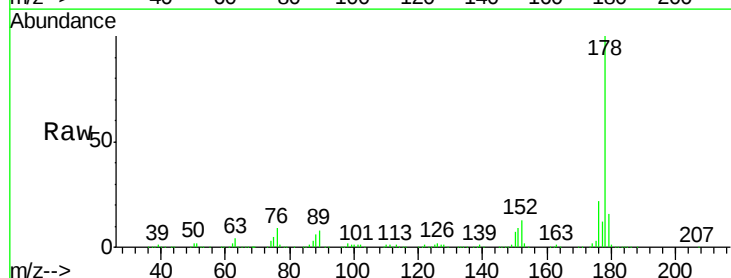
Manual Integrations
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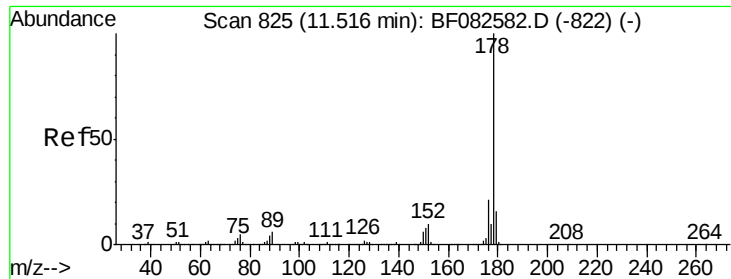
Mmdadoda
 11/2/2015 4:32:16 PM



#70
 Phenanthrene
 Concen: 36.98 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.0	25.4
179	16.4	13.4	20.0





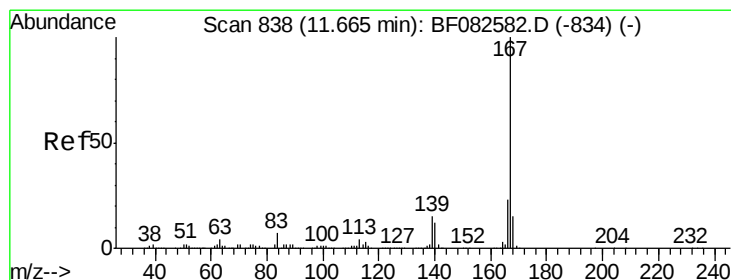
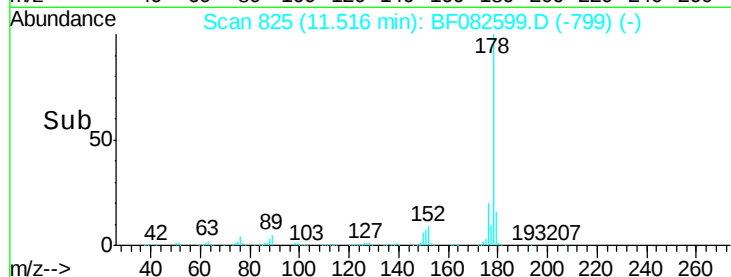
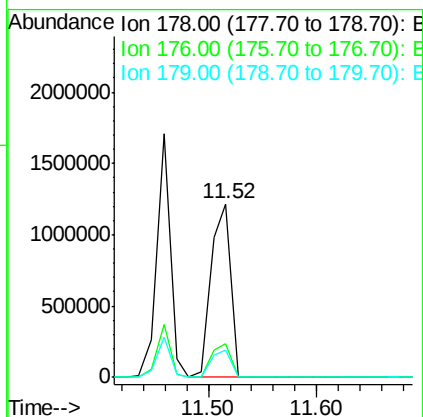
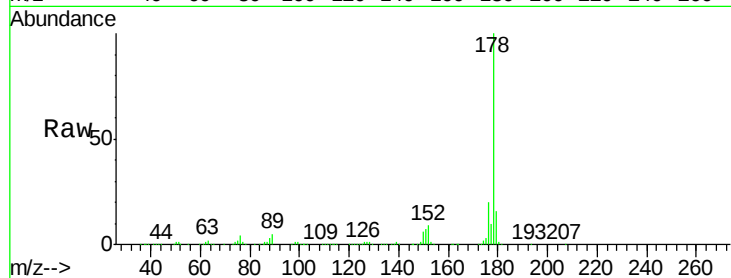
#71
 Anthracene
 Concen: 39.08 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

Tgt Ion:178 Resp: 1541307
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 15.7 13.2 19.8

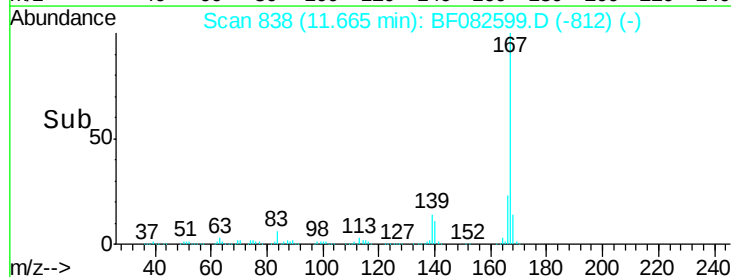
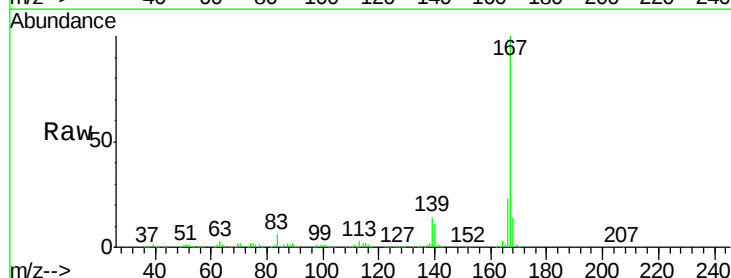
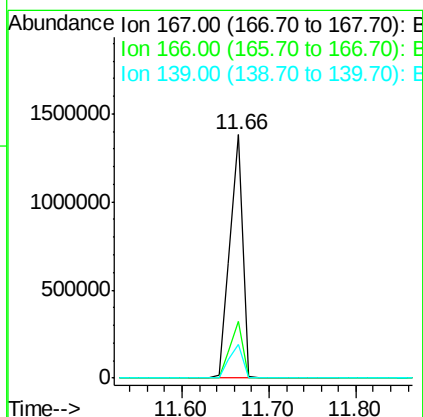
Manual Integrations
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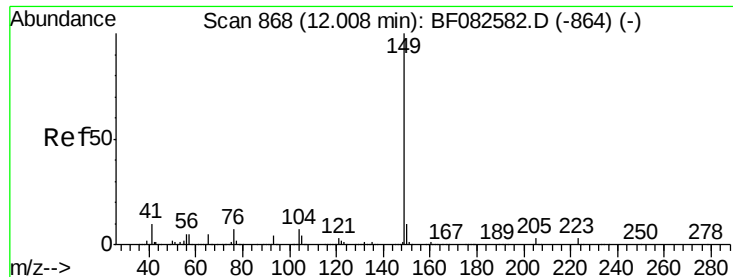
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 11/2/2015 4:32:16 PM



#72
 Carbazole
 Concen: 41.30 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion:167 Resp: 1418965
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.7 28.1
 139 13.6 11.8 17.6





#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

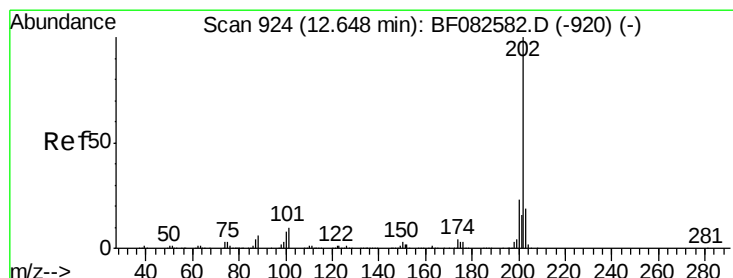
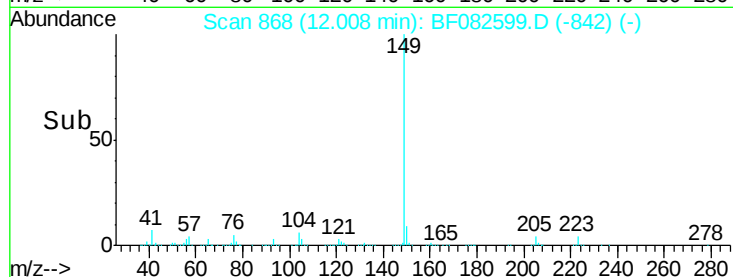
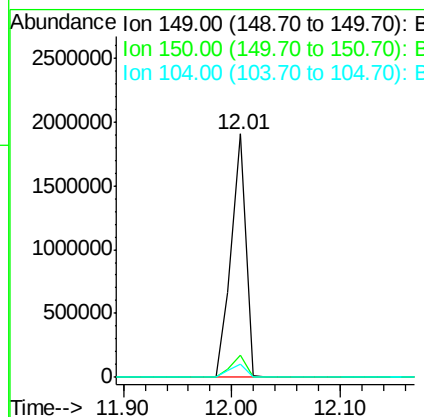
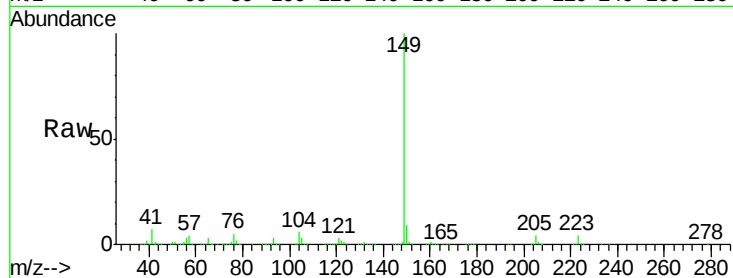
ClientSampleId :

PB86309BS

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Tgt Ion:	149	Resp:	1778073
Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	5.7	5.2	7.8



#74

Fluoranthene

Concen: 38.97 ng

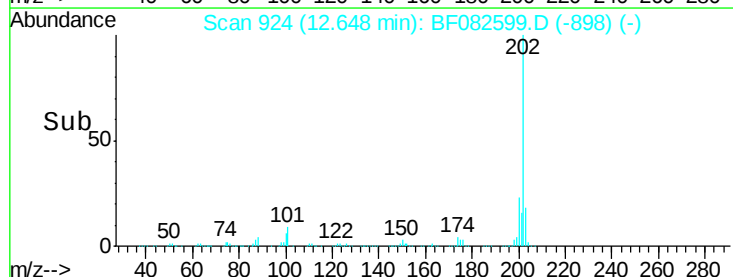
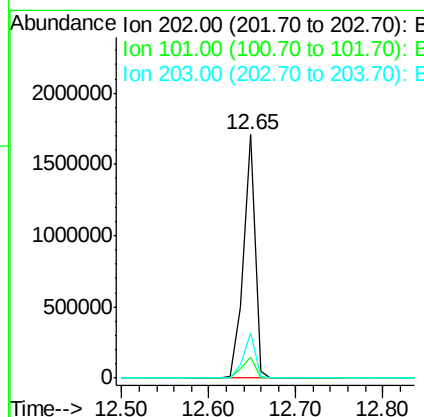
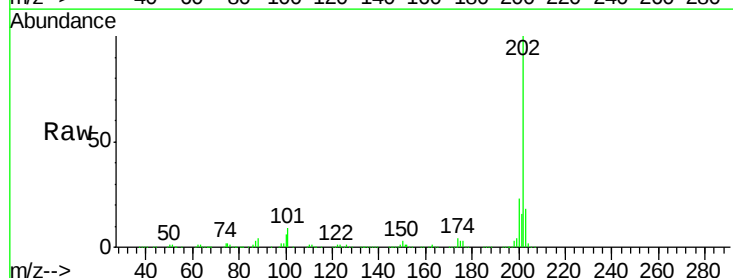
RT: 12.65 min Scan# 924

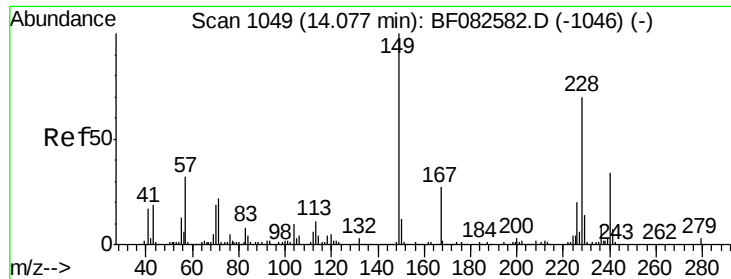
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	202	Resp:	1560582
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
203	18.4	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

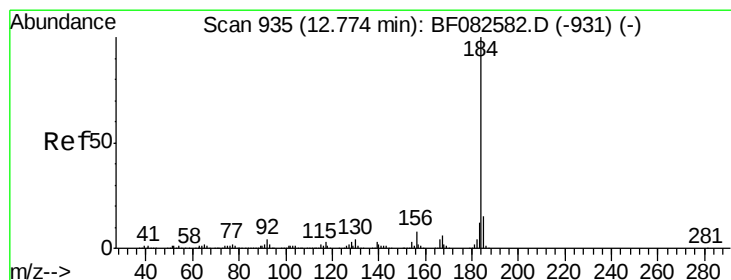
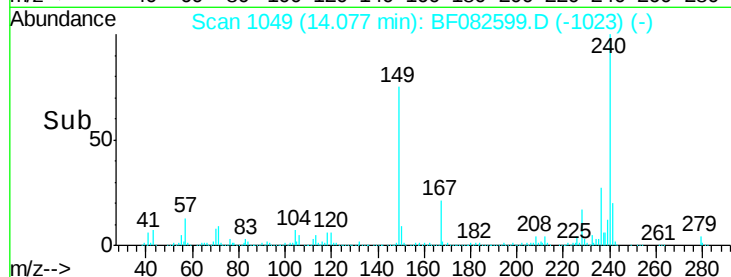
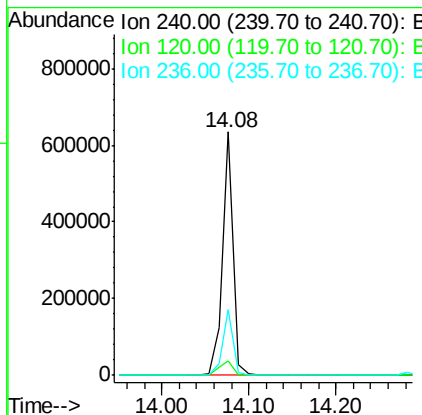
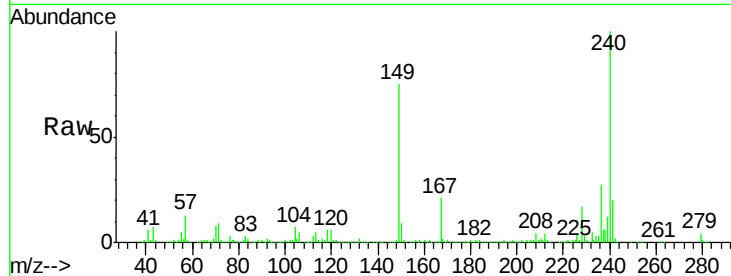
ClientSampleId :

PB86309BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	547395		
120	6.0	10.9	16.3#	
236	27.2	21.6	32.4	

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#76

Benzidine

Concen: 16.85 ng

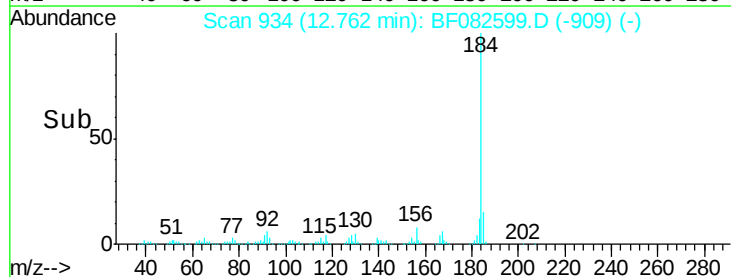
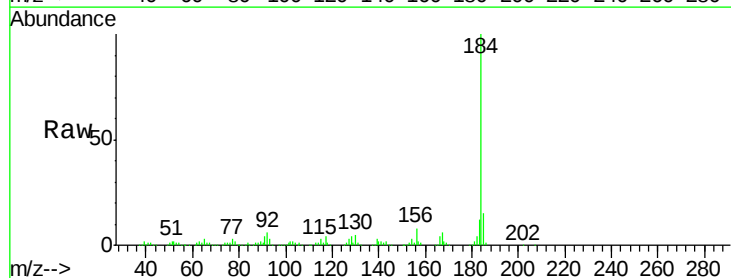
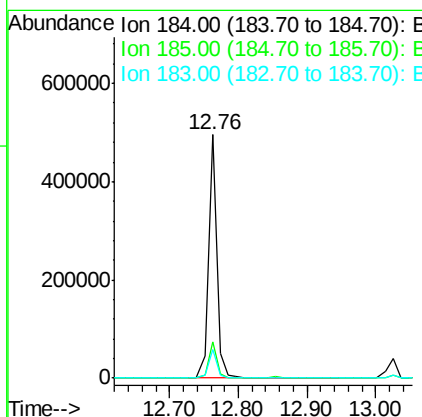
RT: 12.76 min Scan# 934

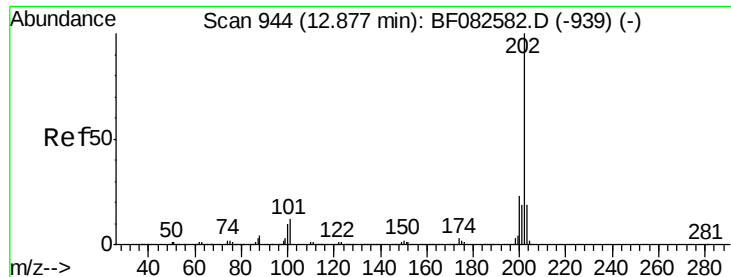
Delta R.T. -0.01 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	415968		
185	15.0	12.0	18.0	
183	11.7	9.6	14.4	





#77

Pyrene

Concen: 39.18 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS

Tgt Ion:202 Resp: 1588136

Ion Ratio Lower Upper

202 100

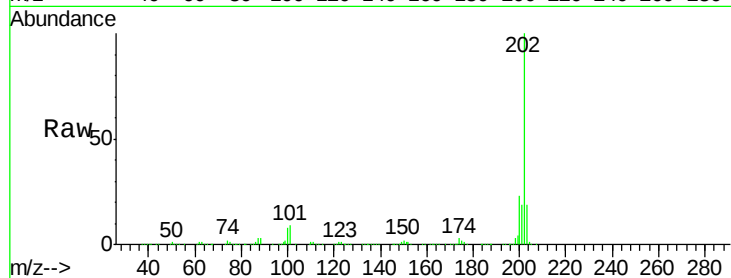
200 23.0 18.7 28.1

203 18.9 14.8 22.2

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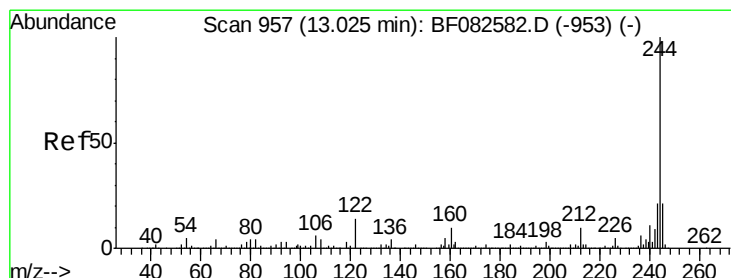
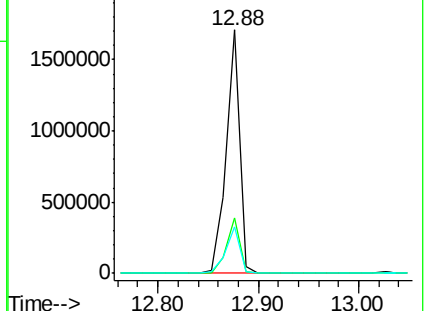
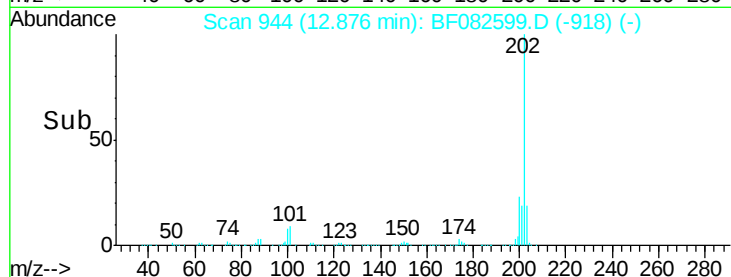
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.57 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

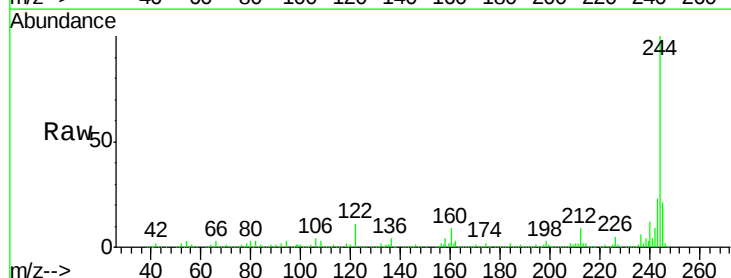
Tgt Ion:244 Resp: 1965237

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

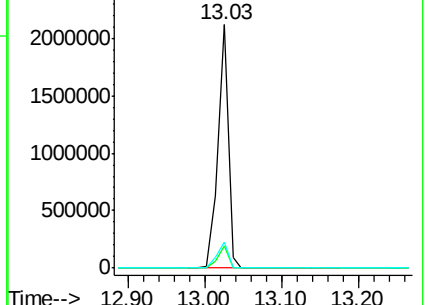
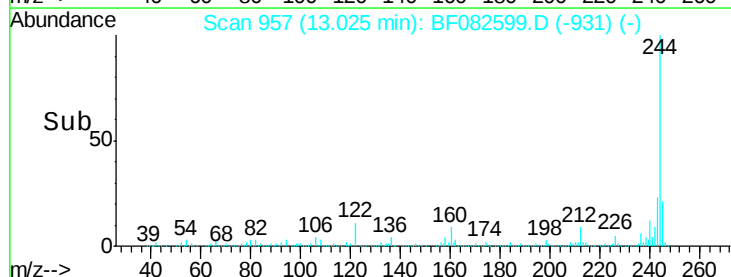
122 11.0 11.3 16.9#

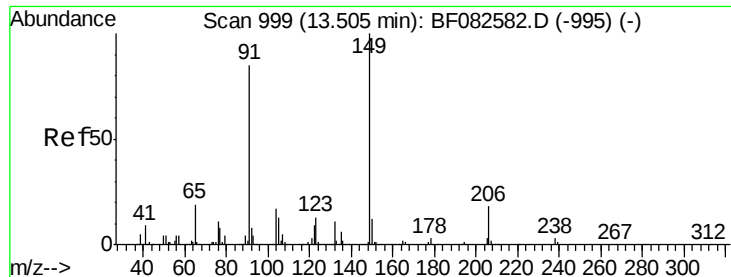


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.84 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

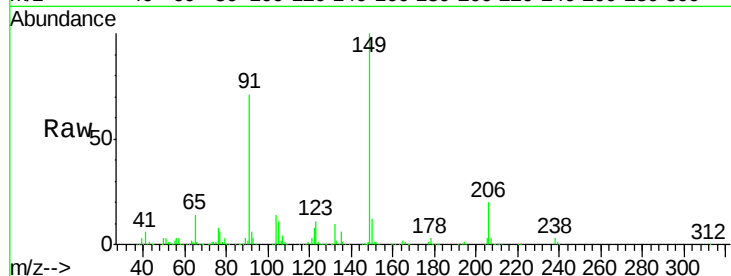
ClientSampleId :

PB86309BS

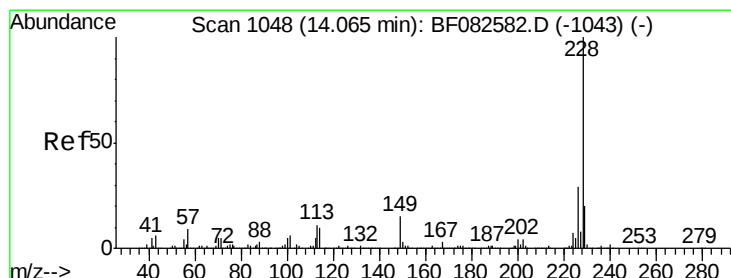
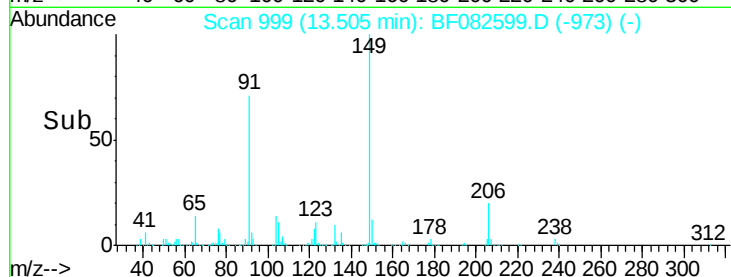
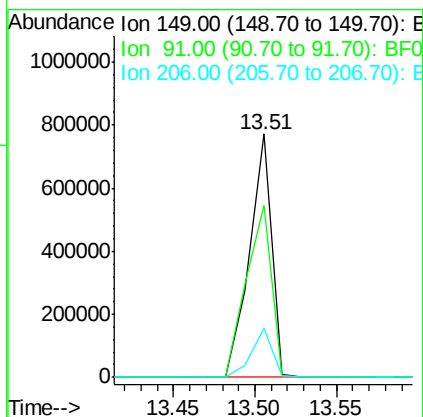
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Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	67.7	101.5
206	20.4	14.6	22.0



#80

Benzo(a)anthracene

Concen: 35.93 ng

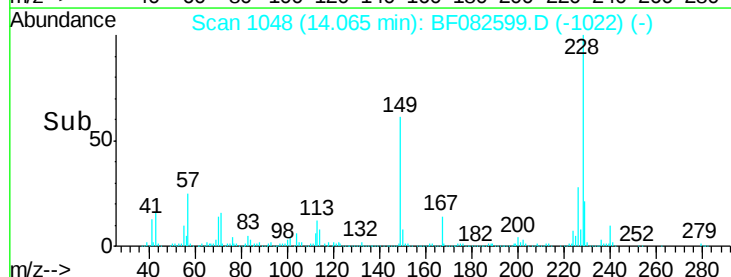
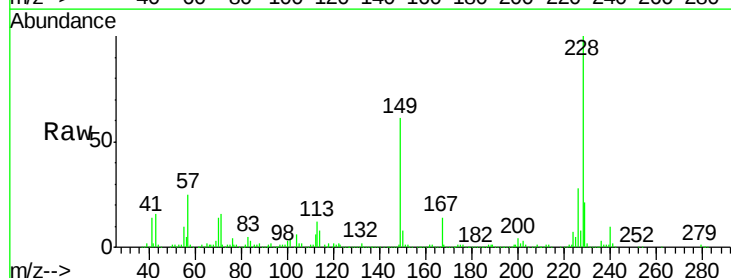
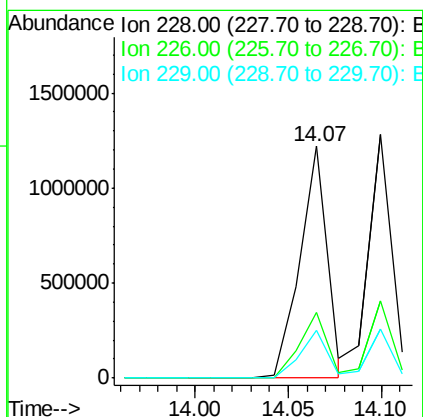
RT: 14.07 min Scan# 1048

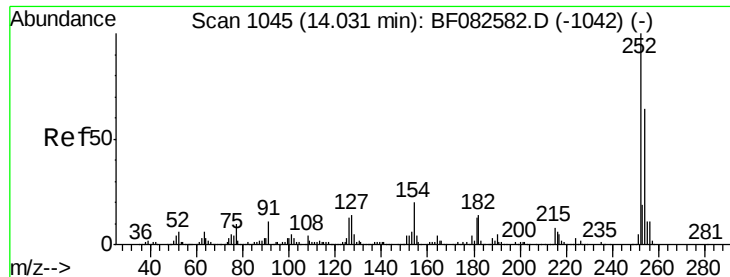
Delta R.T. -0.00 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.5	16.3	24.5





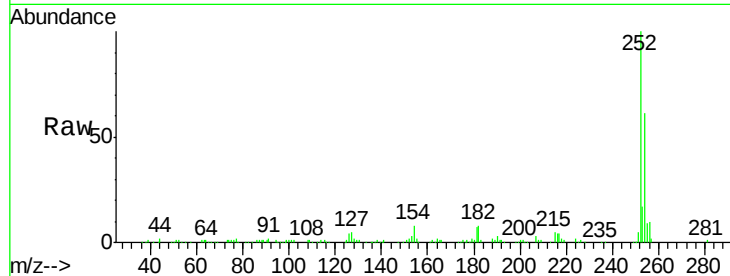
#81
 3,3'-Dichlorobenzidine
 Concen: 15.86 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS

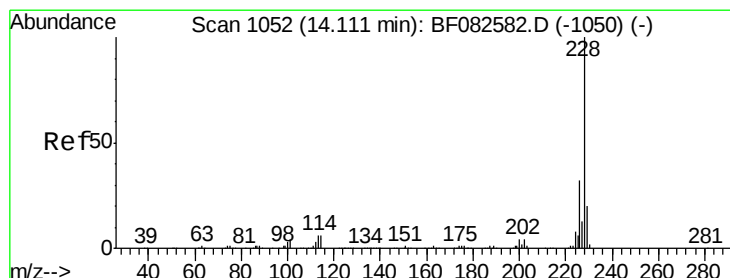
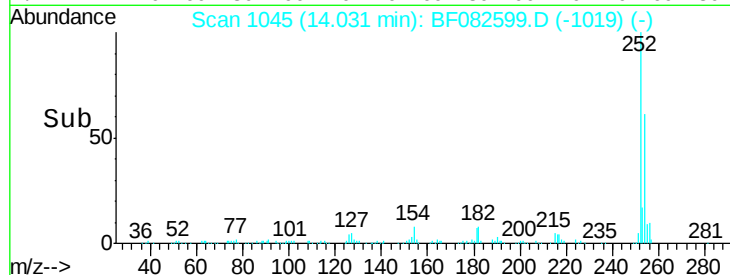
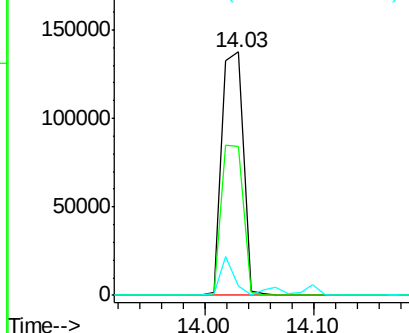
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.4	77.0
126	4.0	10.7	16.1

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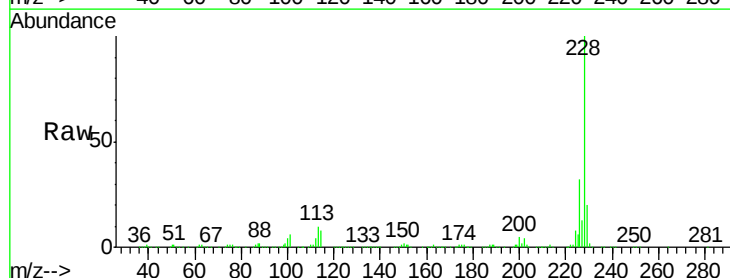


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

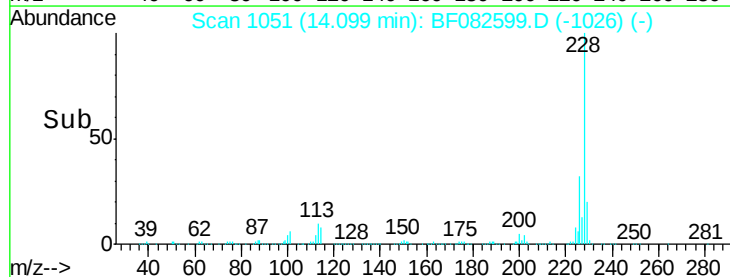
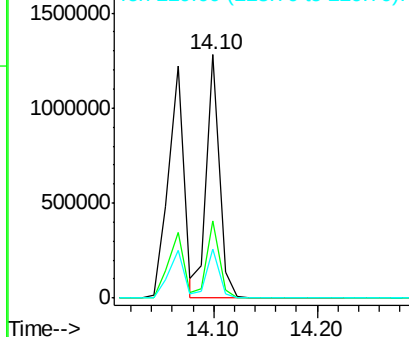


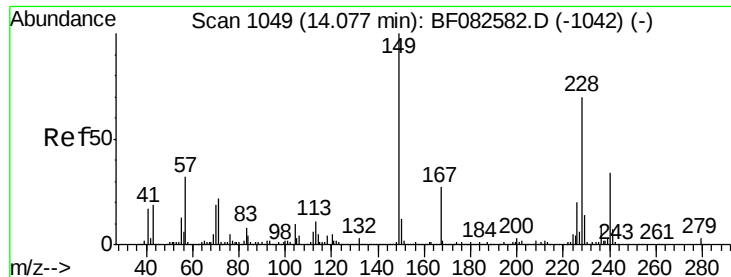
#82
 Chrysene
 Concen: 35.07 ng m
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.3	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.33 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

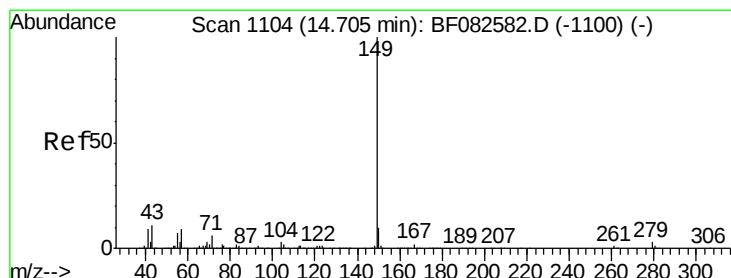
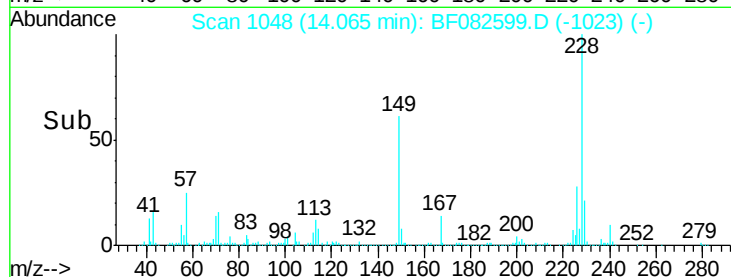
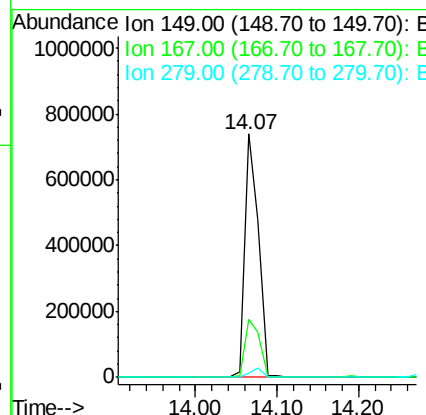
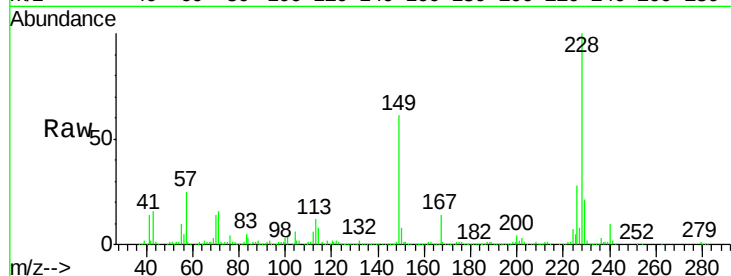
ClientSampleId :

PB86309BS

Tgt Ion:	149	Resp:	859146
Ion Ratio	Lower	Upper	
149	100		
167	23.8	21.2	31.8
279	1.8	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 37.62 ng

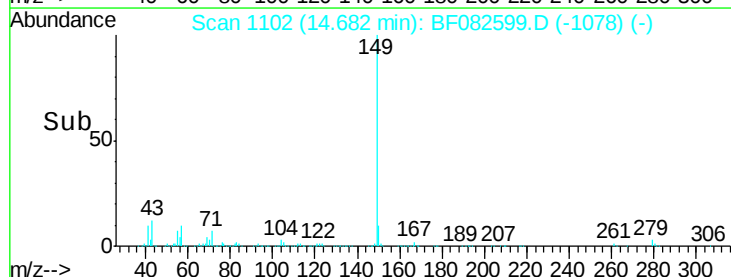
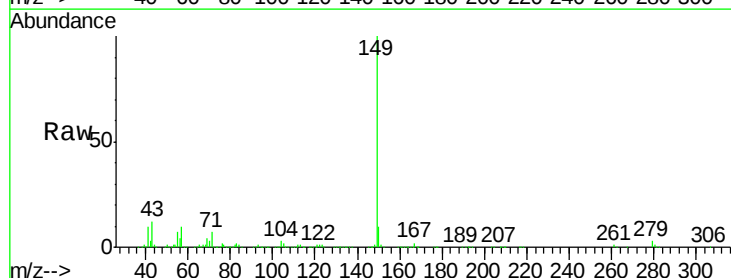
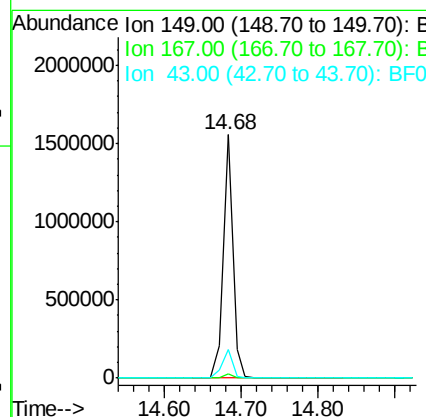
RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

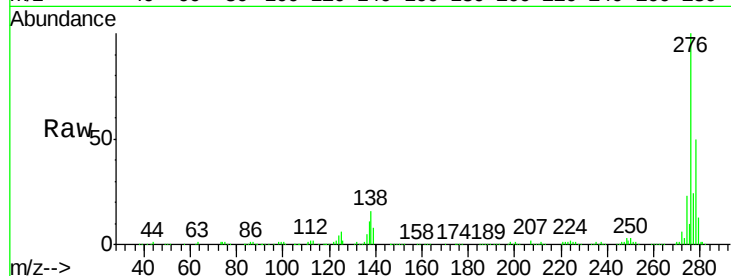
Tgt Ion:	149	Resp:	1350594
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.4	10.1	15.1





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.81 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

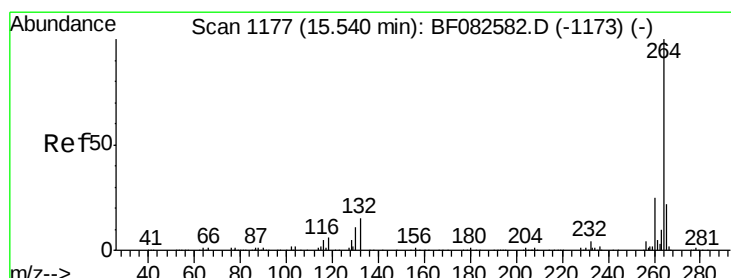
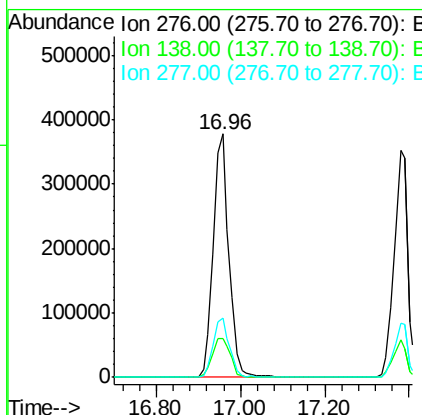
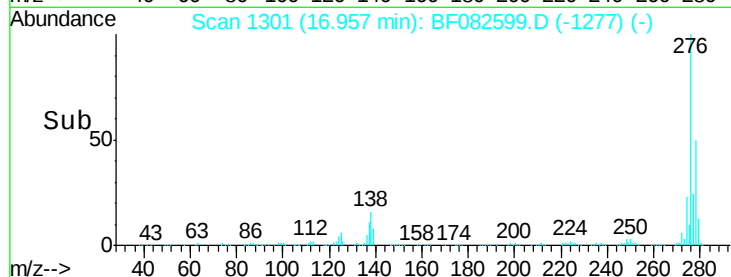
Instrument :
 BNA_F
 ClientSampleId :
 PB86309BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.4	15.3	22.9
277	25.3	20.2	30.4

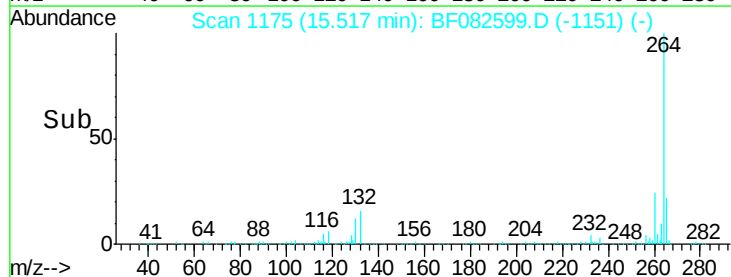
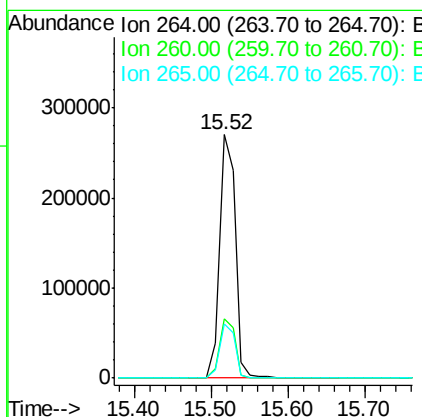
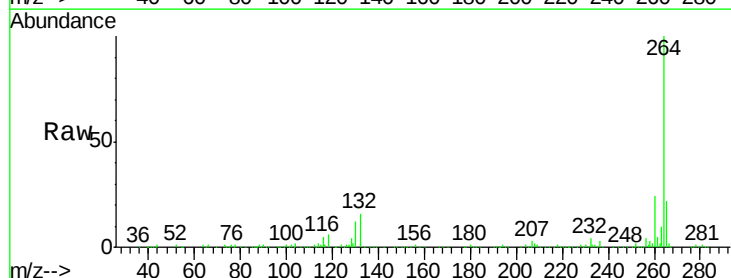
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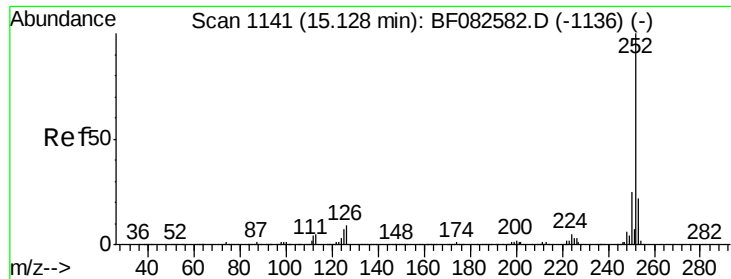
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF082599.D
 Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.8	29.6
265	22.4	17.4	26.0





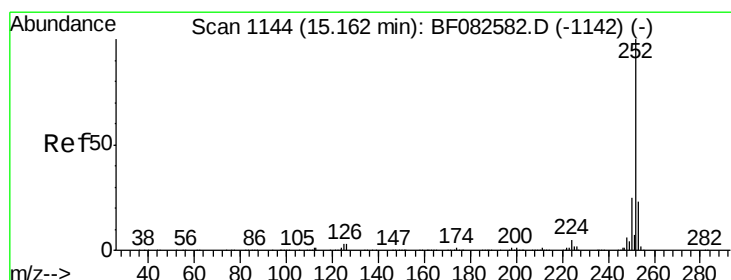
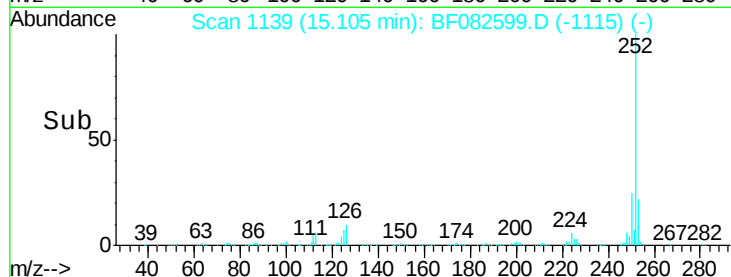
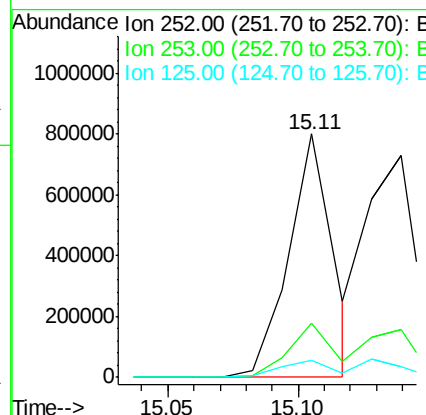
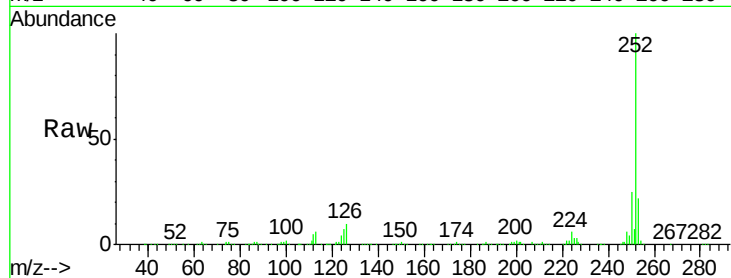
#87
Benzo(b)fluoranthene
Concen: 34.77 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.8	26.8
125	7.2	5.4	8.2

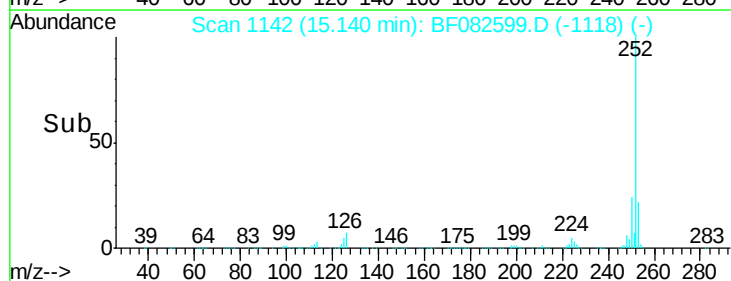
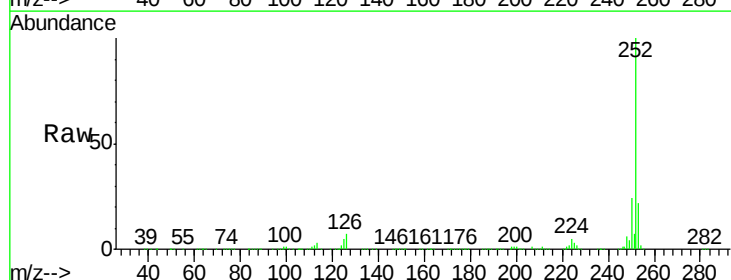
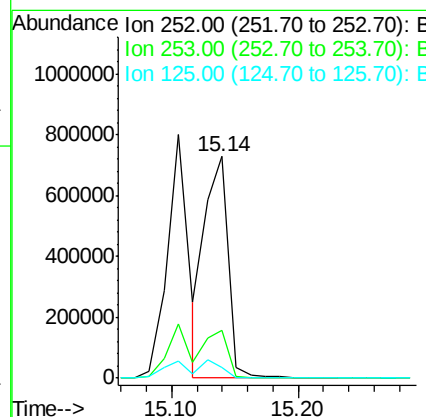
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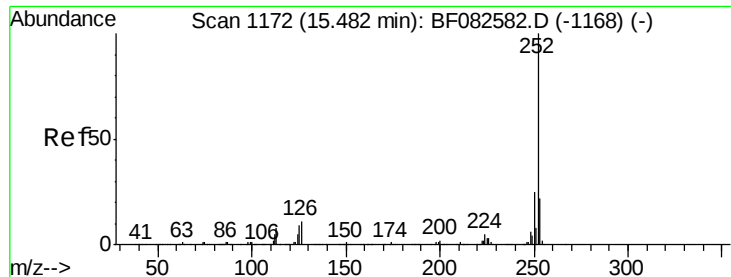
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#88
Benzo(k)fluoranthene
Concen: 46.37 ng m
RT: 15.14 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF082599.D
Acq: 31 Oct 2015 4:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.9	26.9
125	4.5	3.5	5.3





#89

Benzo(a)pyrene

Concen: 40.19 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

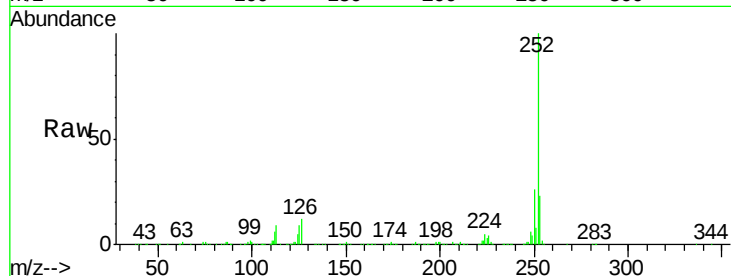
ClientSampleId :

PB86309BS

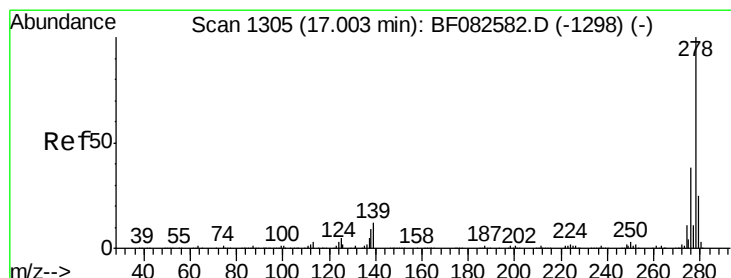
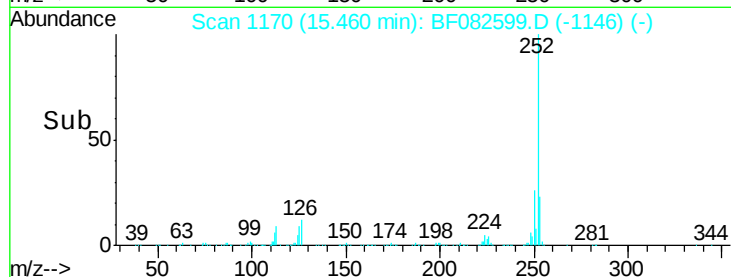
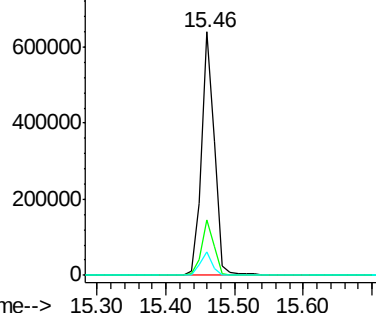
Tgt Ion:	252	Resp:	850077
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	9.4	7.1	10.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.14 ng

RT: 16.97 min Scan# 1302

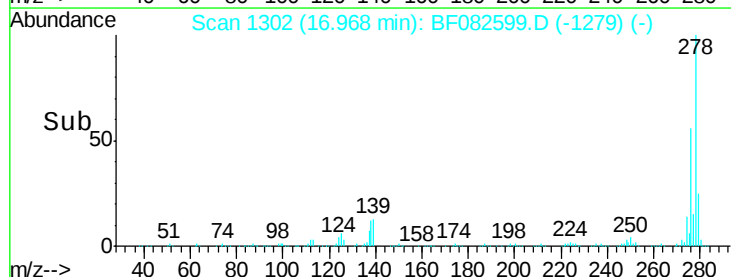
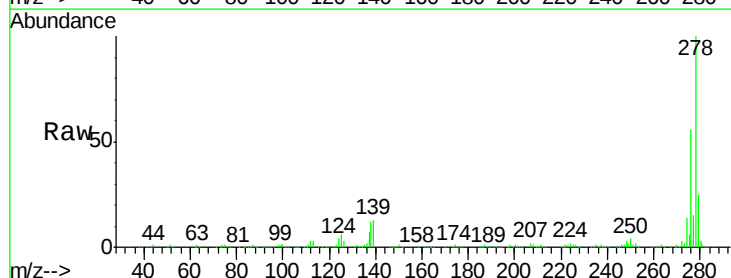
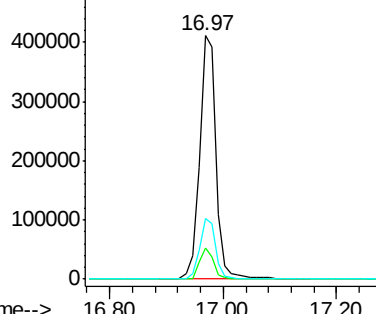
Delta R.T. -0.03 min

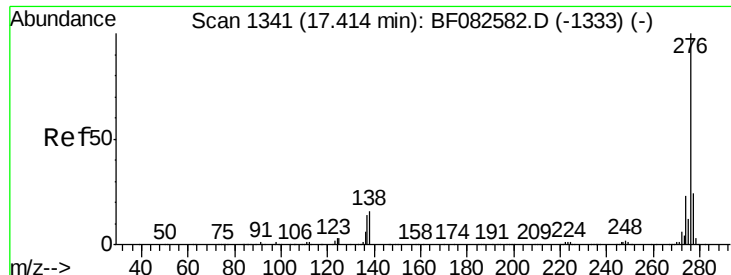
Lab File: BF082599.D

Acq: 31 Oct 2015 4:26

Tgt Ion:	278	Resp:	831516
Ion Ratio	Lower	Upper	
278	100		
139	13.1	9.9	14.9
279	24.7	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.02 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF082599.D

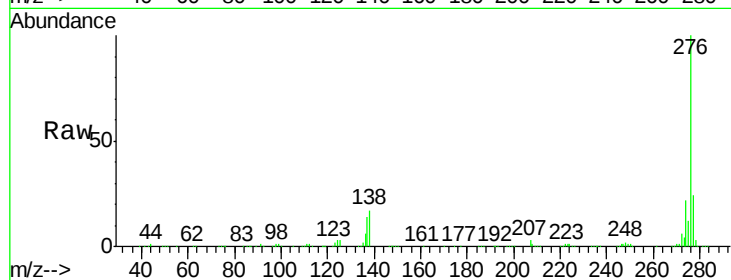
Acq: 31 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB86309BS



Tgt Ion: 276 Resp: 822782

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 16.6 13.1 19.7

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