

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082081.D
 Acq On : 6 Oct 2015 13:35
 Operator : UM/IZ
 Sample : PB85911BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Manual Integrations
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 10/7/2015 4:51:46 PM

Quant Time: Oct 07 03:47:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	82816	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	326831	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	165013	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	325664	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302243	20.00	ng	-0.01
86) Perylene-d12	15.51	264	284405	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	507302	111.20	ng	0.01
7) Phenol-d6	6.51	99	712958	124.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	417268	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	194637	116.47	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	843613	85.68	ng	0.00
78) Terphenyl-d14	13.01	244	1003358	120.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	67587	34.07	ng	86
3) Pyridine	3.28	79	182516	35.34	ng	85
4) n-Nitrosodimethylamine	3.25	42	79744	33.99	ng	94
6) Aniline	6.55	93	168739	21.88	ng	93
8) 2-Chlorophenol	6.66	128	203274	40.35	ng	85
9) Benzaldehyde	6.43	77	36090	9.60	ng	92
10) Phenol	6.54	94	234732	36.45	ng	# 64
11) bis(2-Chloroethyl)ether	6.62	93	196355	39.32	ng	97
12) 1,3-Dichlorobenzene	6.82	146	246657	41.45	ng	# 96
13) 1,4-Dichlorobenzene	6.90	146	249740	40.19	ng	97
14) 1,2-Dichlorobenzene	7.05	146	231482m	41.81	ng	
15) Benzyl Alcohol	7.03	79	171464	41.38	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	298384	42.27	ng	81
17) 2-Methylphenol	7.14	107	177427	43.44	ng	# 86
18) Hexachloroethane	7.39	117	84576	43.48	ng	# 78
19) n-Nitroso-di-n-propylamine	7.30	70	156134	44.75	ng	# 74
20) 3+4-Methylphenols	7.29	107	206617	40.05	ng	# 56
22) Acetophenone	7.29	105	282475	42.27	ng	# 74
24) Nitrobenzene	7.47	77	221647	41.63	ng	# 78
25) Isophorone	7.71	82	402912	41.46	ng	# 96
26) 2-Nitrophenol	7.78	139	112807	44.14	ng	# 53
27) 2,4-Dimethylphenol	7.83	122	203626	45.29	ng	# 84
28) bis(2-Chloroethoxy)methane	7.92	93	240797	41.73	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	191598	43.95	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	211079	43.37	ng	99
31) Naphthalene	8.19	128	637398	44.01	ng	97
32) Benzoic acid	7.94	122	106279	40.82	ng	# 68
33) 4-Chloroaniline	8.25	127	90876	14.51	ng	# 96
34) Hexachlorobutadiene	8.31	225	129571	45.02	ng	99
35) Caprolactam	8.62	113	59452m	49.26	ng	
36) 4-Chloro-3-methylphenol	8.73	107	201693	47.32	ng	85
37) 2-Methylnaphthalene	8.88	142	407913	41.26	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	220533	43.53	ng	98
40) Hexachlorocyclopentadiene	9.03	237	220157	84.39	ng	95

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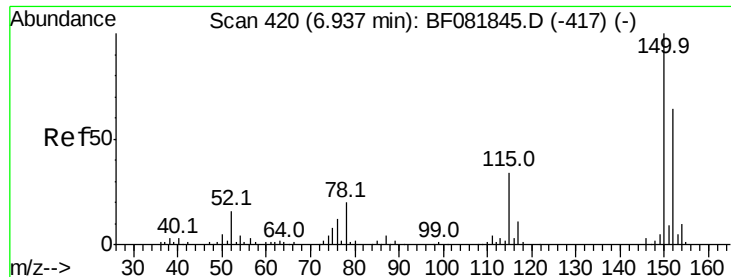
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	153173	44.10	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	155346	43.50	nq	# 93
45) 1,1'-Biphenyl	9.35	154	538160	42.27	nq	95
46) 2-Chloronaphthalene	9.37	162	396864	39.70	nq	# 92
47) 2-Nitroaniline	9.47	65	123386	42.05	nq	# 77
48) Acenaphthylene	9.79	152	700697	43.80	nq	97
49) Dimethylphthalate	9.66	163	524292	46.03	nq	# 97
50) 2,6-Dinitrotoluene	9.71	165	103794	41.97	nq	# 59
51) Acenaphthene	9.97	154	422399	44.46	nq	88
52) 3-Nitroaniline	9.89	138	63086	22.05	nq	# 69
53) 2,4-Dinitrophenol	10.00	184	120757	91.24	nq	# 83
54) Dibenzofuran	10.14	168	608362	45.31	nq	# 90
55) 4-Nitrophenol	10.06	139	175070	84.69	nq	# 60
56) 2,4-Dinitrotoluene	10.13	165	159746	50.67	nq	# 98
57) Fluorene	10.48	166	489984	51.33	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134892	47.61	nq	95
59) Diethylphthalate	10.35	149	506196	47.58	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	222891	45.34	nq	# 88
61) 4-Nitroaniline	10.50	138	112920	39.37	nq	# 50
62) Azobenzene	10.63	77	470100	45.27	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	72638	48.93	nq	88
65) n-Nitrosodiphenylamine	10.59	169	432312	43.88	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	147745	44.99	nq	98
67) Hexachlorobenzene	11.03	284	148903	40.18	nq	# 74
68) Atrazine	11.12	200	140274	45.88	nq	84
69) Pentachlorophenol	11.22	266	174017	82.41	nq	100
70) Phenanthrene	11.44	178	681982	43.46	nq	96
71) Anthracene	11.50	178	784391	47.39	nq	98
72) Carbazole	11.66	167	664421	44.35	nq	96
73) Di-n-butylphthalate	11.98	149	797878	52.52	nq	# 99
74) Fluoranthene	12.63	202	738998	42.36	nq	91
76) Benzidine	12.76	184	264560	29.05	nq	98
77) Pyrene	12.86	202	742313	41.11	nq	96
79) Butylbenzylphthalate	13.48	149	322337	47.44	nq	88
80) Benzo(a)anthracene	14.05	228	712036	43.75	nq	95
81) 3,3'-Dichlorobenzidine	14.01	252	144144	26.22	nq	# 95
82) Chrysene	14.09	228	732363	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	476541	55.91	nq	# 94
84) Di-n-octyl phthalate	14.65	149	782972	56.45	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.95	276	629184	49.42	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	788898	48.58	nq	# 88
88) Benzo(k)fluoranthene	15.12	252	571324m	38.39	nq	
89) Benzo(a)pyrene	15.45	252	661542	46.97	nq	# 86
90) Dibenzo(a,h)anthracene	16.96	278	518394	43.87	nq	# 83
91) Benzo(g,h,i)perylene	17.38	276	499493	41.24	nq	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

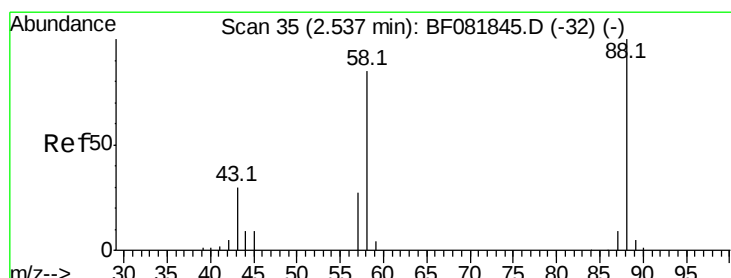
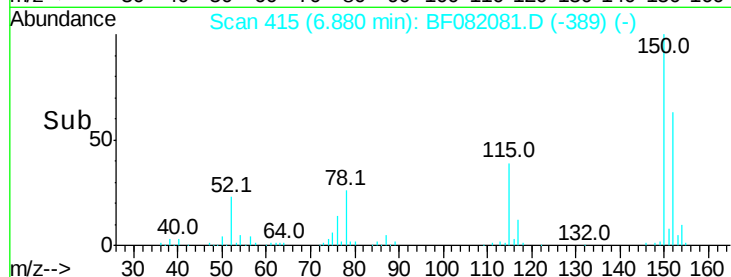
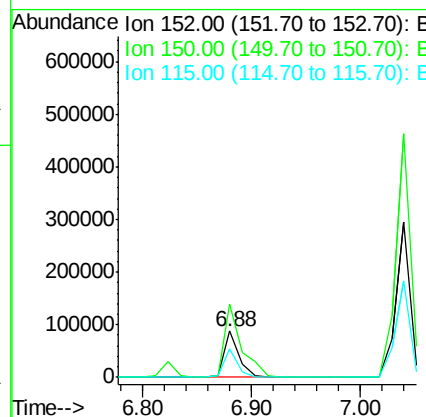
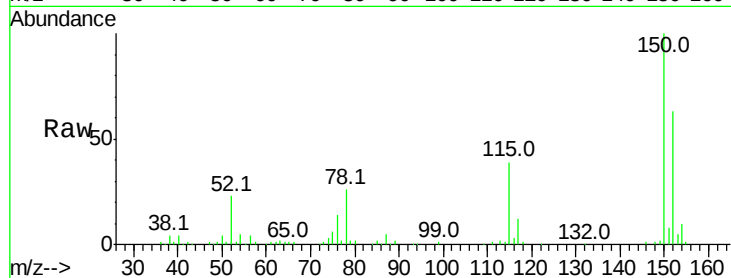
ClientSampleId :

PB85911BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	61.3	39.0	58.4

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#2

1,4-Dioxane

Concen: 34.07 ng

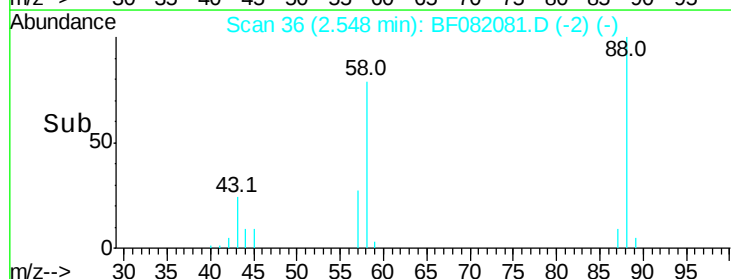
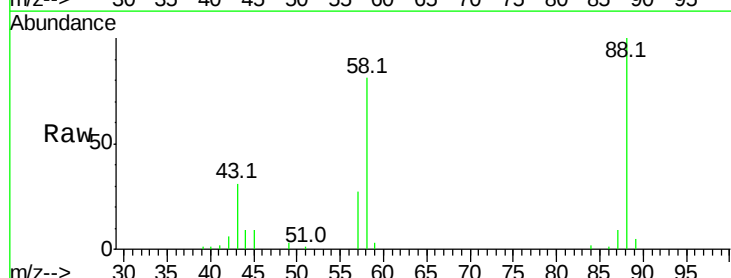
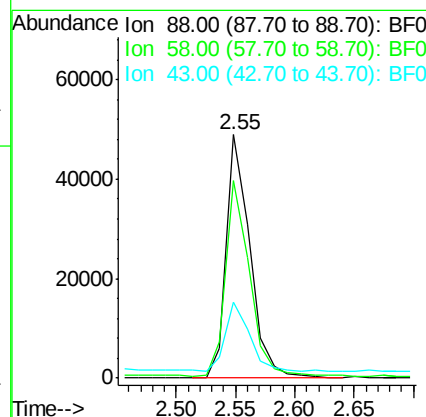
RT: 2.55 min Scan# 36

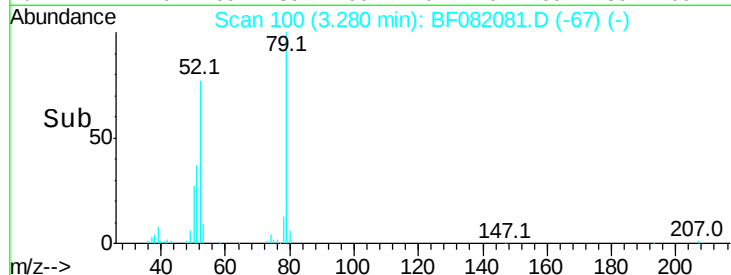
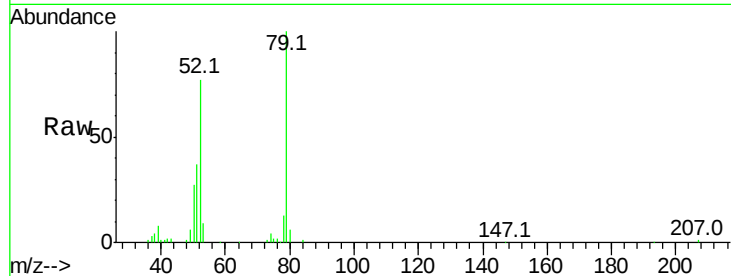
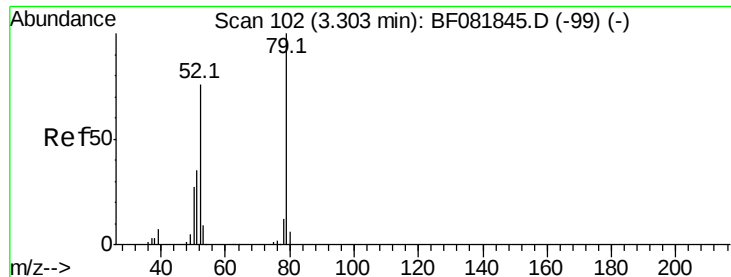
Delta R.T. 0.09 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	77.7	116.5
43	29.4	26.6	40.0





#3

Pvridine

Concen: 35.34 ng

RT: 3.28 min Scan# 100

Delta R.T. 0.08 min

Lab File: BF082081.D

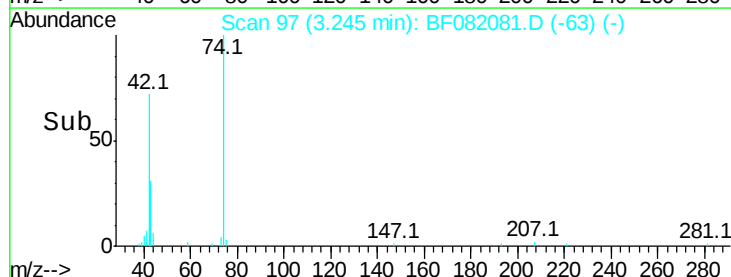
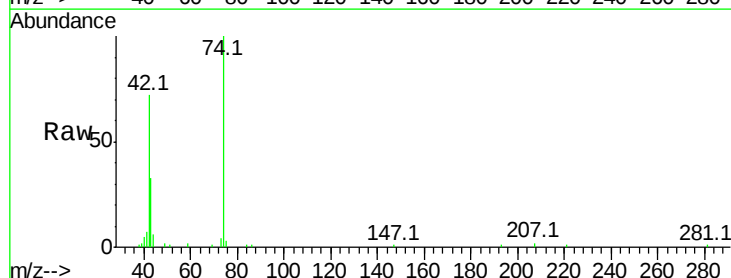
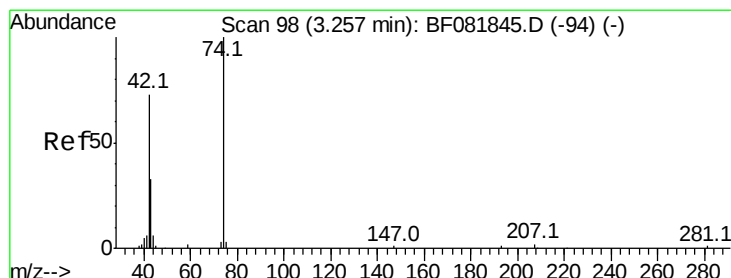
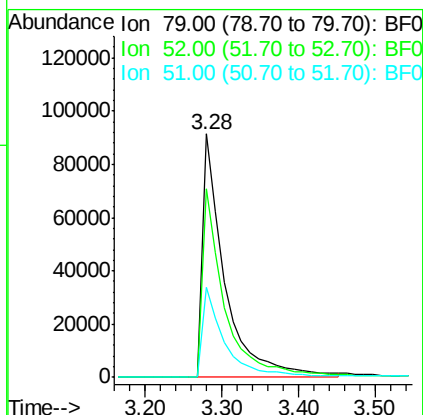
Acq: 6 Oct 2015 13:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.2	76.8	115.2
51	37.2	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 33.99 ng

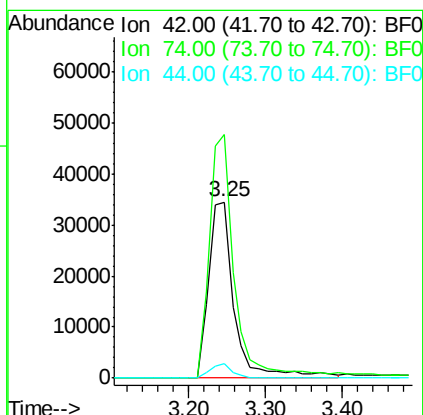
RT: 3.25 min Scan# 97

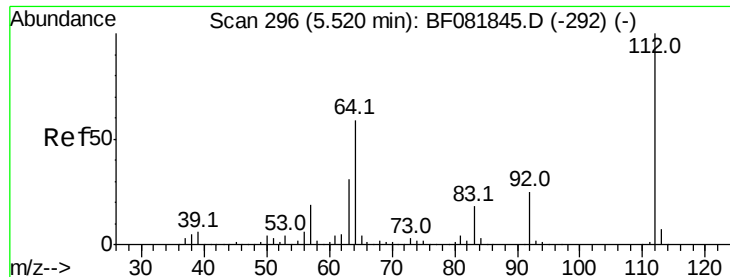
Delta R.T. 0.09 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.4	105.0	157.6
44	8.0	6.6	10.0





#5

2-Fluorophenol

Concen: 111.20 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

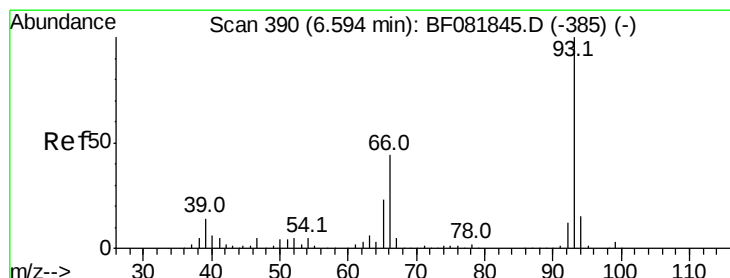
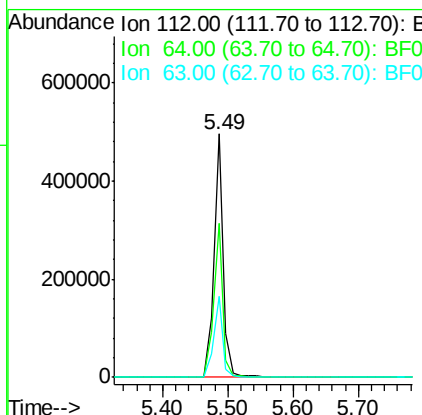
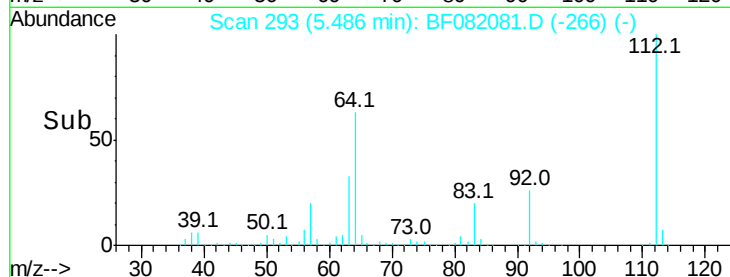
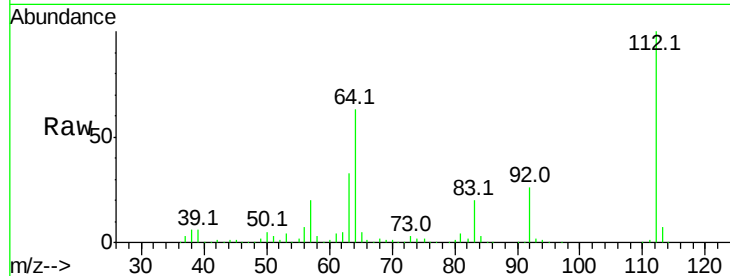
ClientSampleId :

PB85911BS

Tot Ion:	112	Resp:	507302
Ion Ratio	Lower	Upper	
112	100		
64	63.1	39.7	59.5#
63	33.4	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 21.88 ng

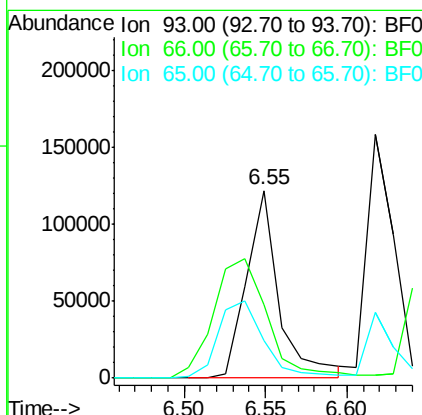
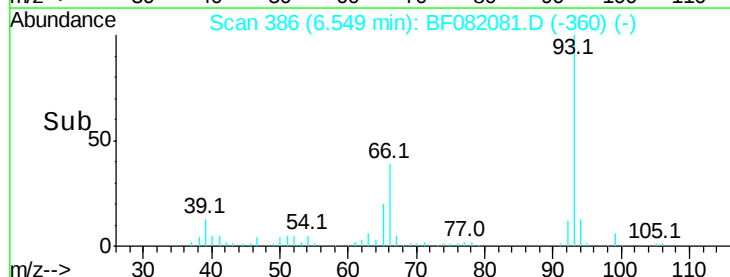
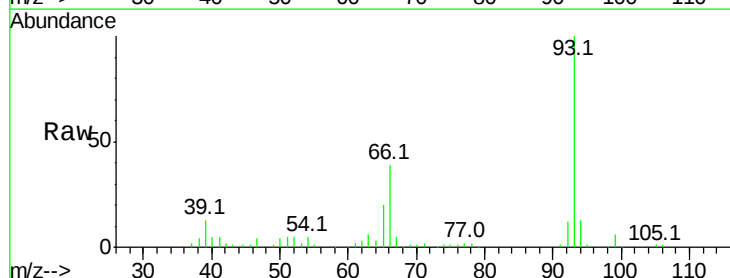
RT: 6.55 min Scan# 386

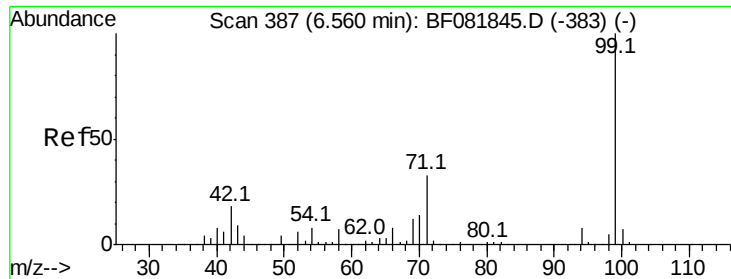
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:	93	Resp:	168739
Ion Ratio	Lower	Upper	
93	100		
66	39.3	27.2	40.8
65	19.9	14.7	22.1





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

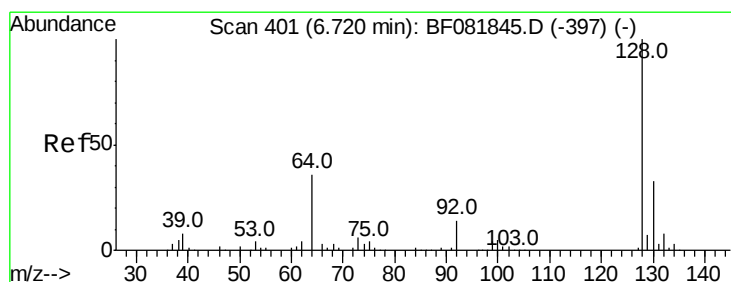
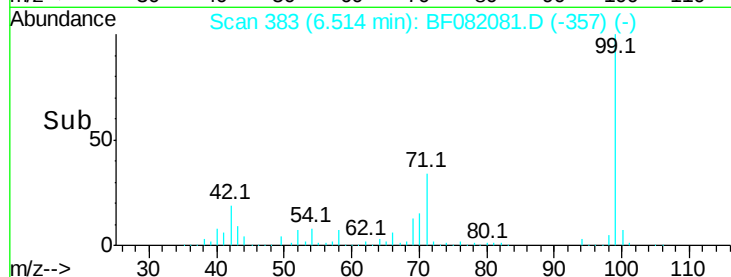
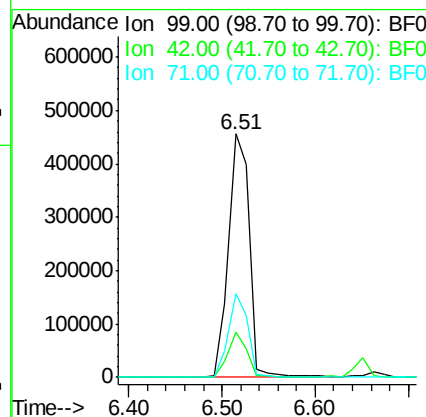
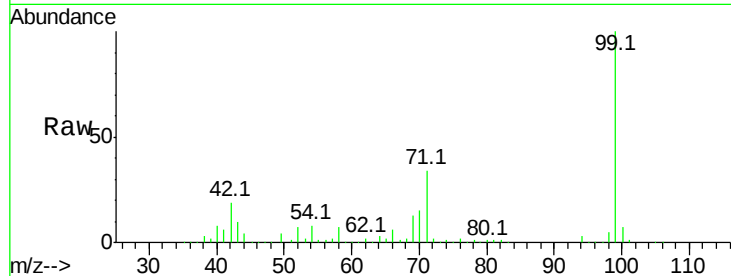
PB85911BS

Tot Ion: 99 Resp: 712958

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	34.1	14.2	21.2

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#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.66 min Scan# 396

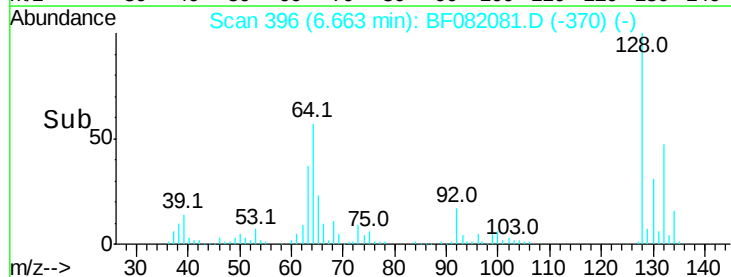
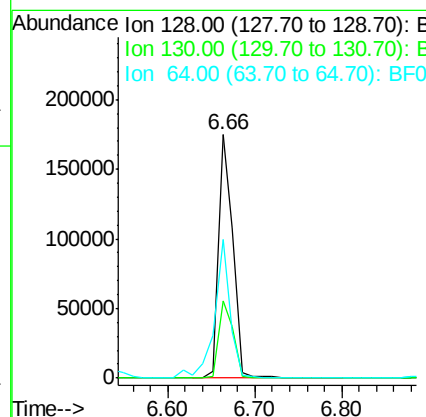
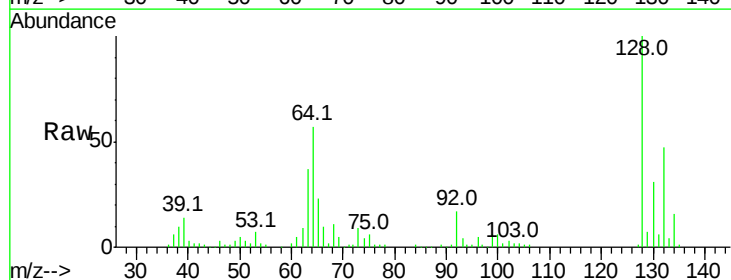
Delta R.T. -0.00 min

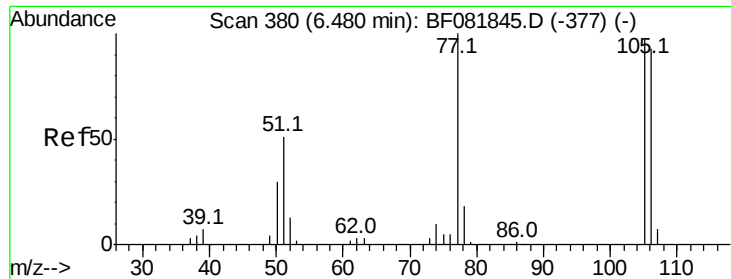
Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion: 128 Resp: 203274

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.2	52.2
64	57.1	20.5	60.5





#9

Benzaldehyde

Concen: 9.60 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion: 77 Resp: 36090

Ion Ratio Lower Upper

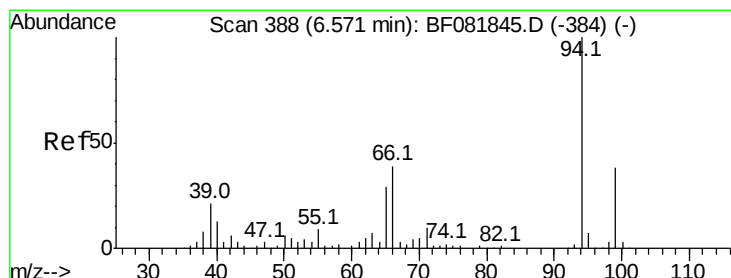
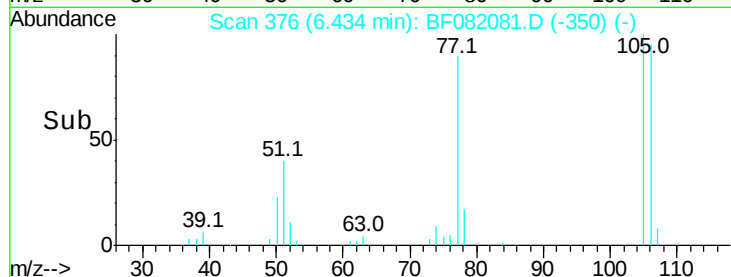
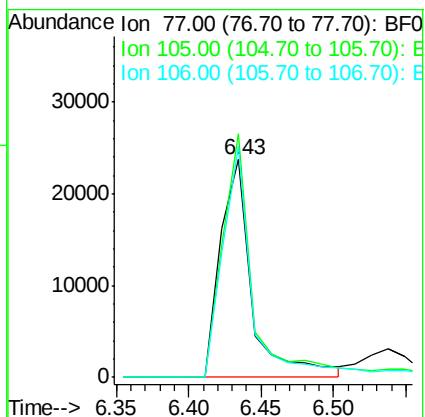
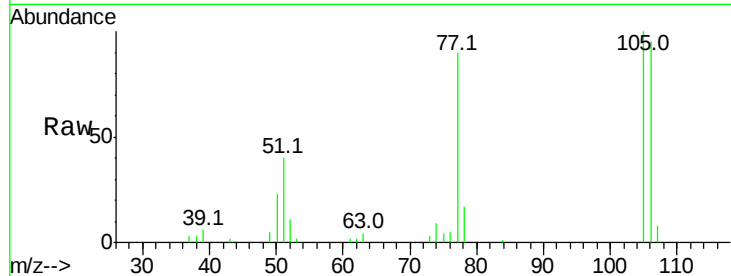
77 100

105 111.7 91.6 131.6

106 106.1 102.6 142.6

Manual Integrations
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#10

Phenol

Concen: 36.45 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

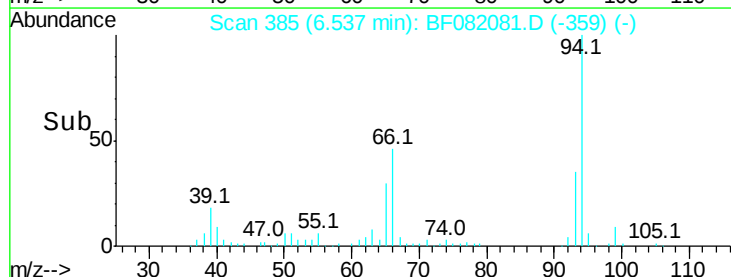
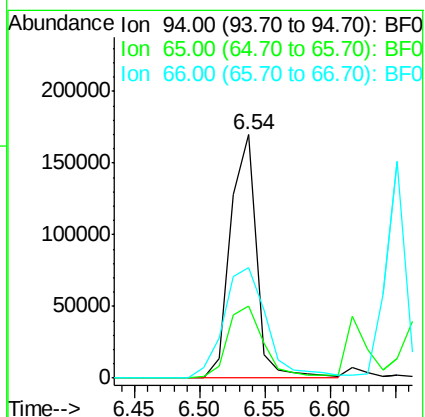
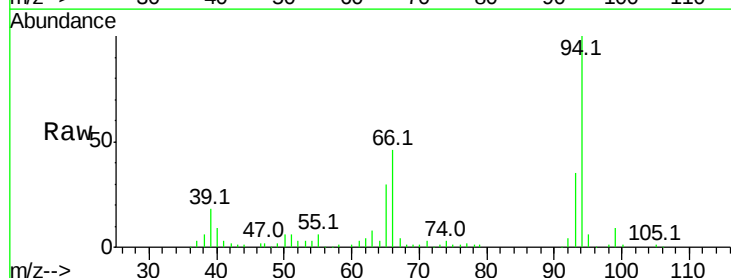
Tgt Ion: 94 Resp: 234732

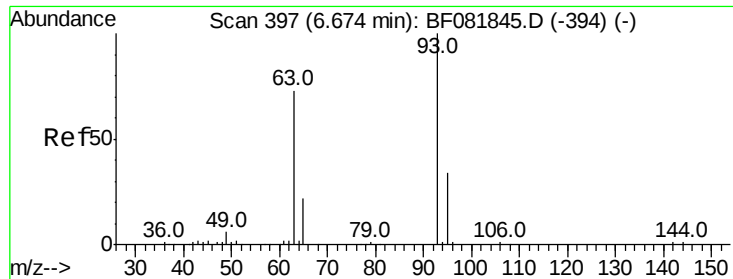
Ion Ratio Lower Upper

94 100

65 29.6 0.7 40.7

66 45.6 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 39.32 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

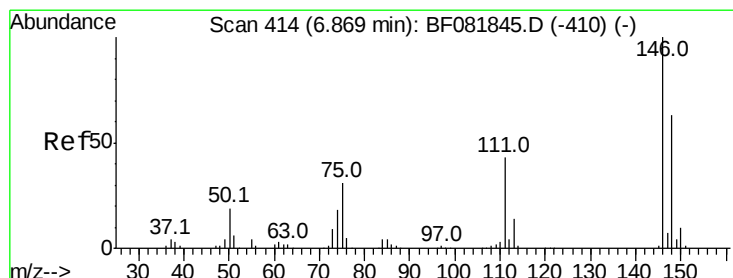
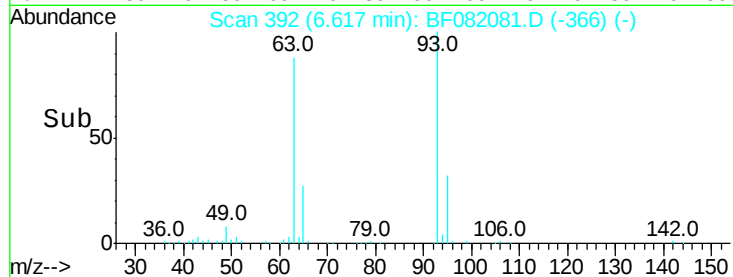
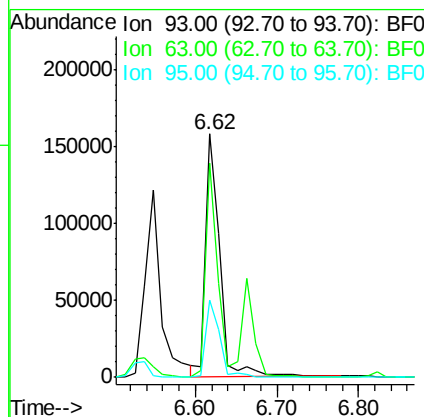
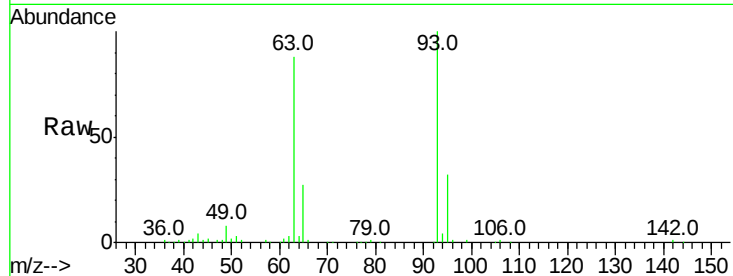
ClientSampleId :

PB85911BS

Tot Ion	93	Resp	196355
Ion Ratio	Lower	Upper	
93	100		
63	87.9	65.6	105.6
95	31.9	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 41.45 ng

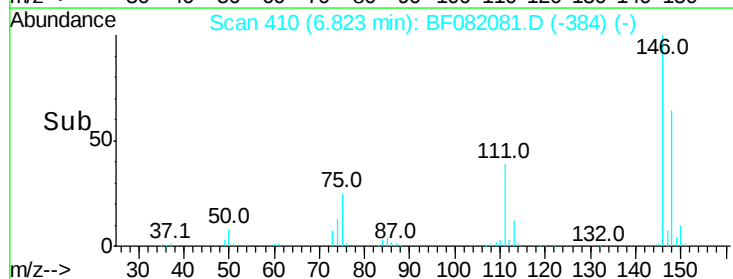
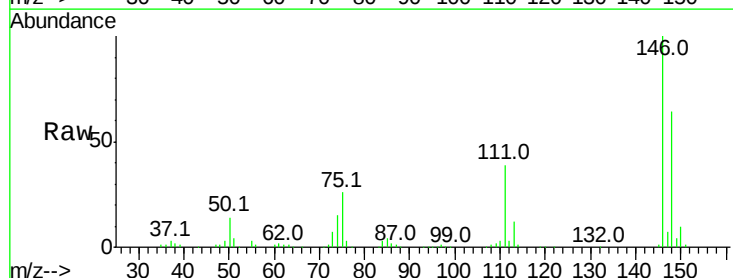
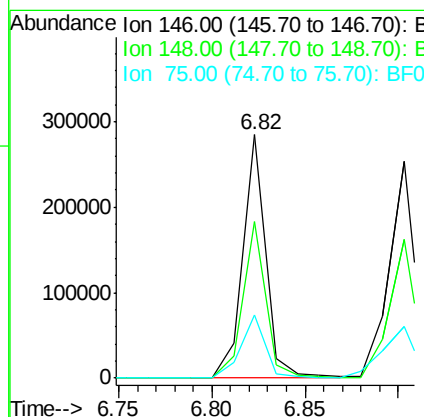
RT: 6.82 min Scan# 410

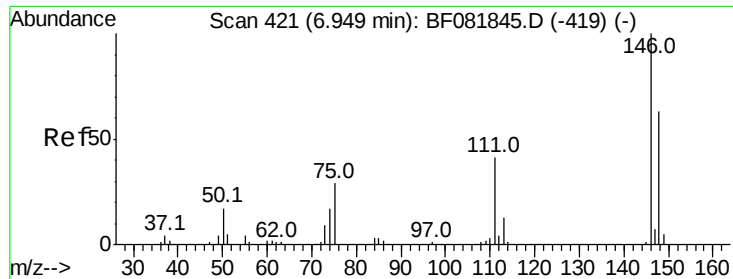
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion	146	Resp	246657
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.0	76.4
75	25.8	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 40.19 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

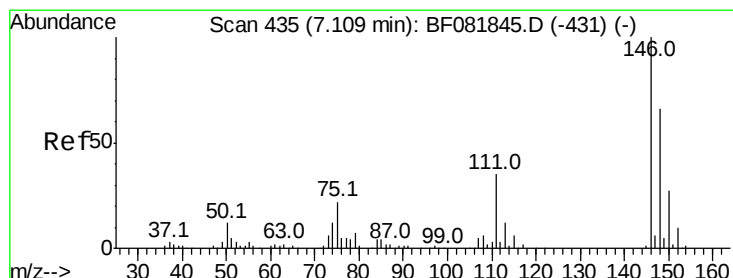
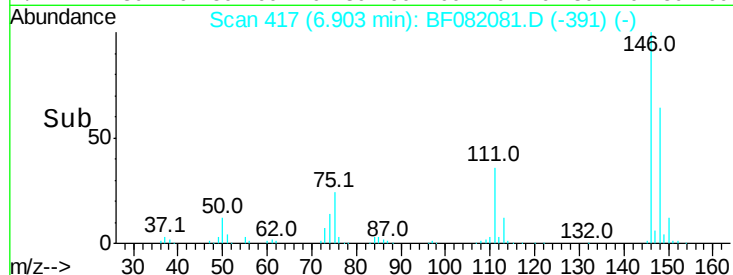
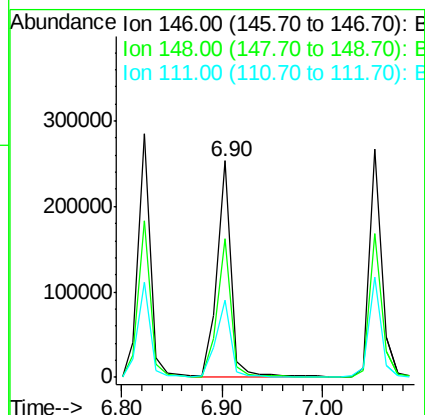
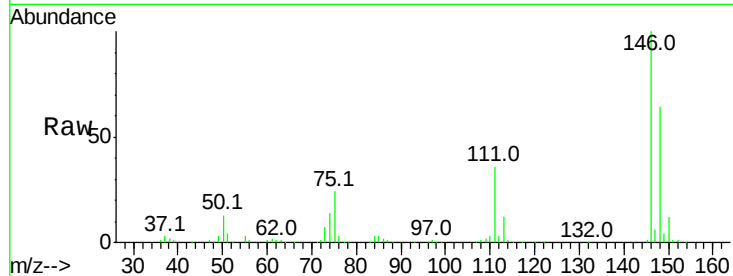
ClientSampleId :

PB85911BS

Tot Ion:	146	Resp:	249740
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
111	35.8	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 41.81 ng m

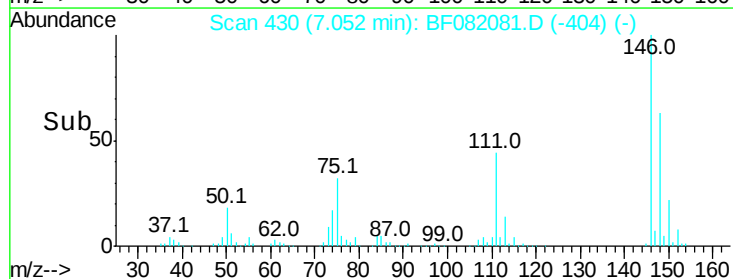
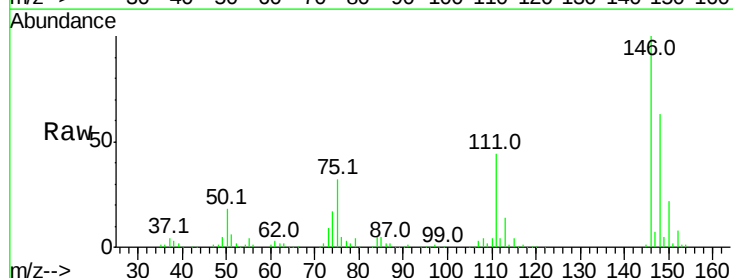
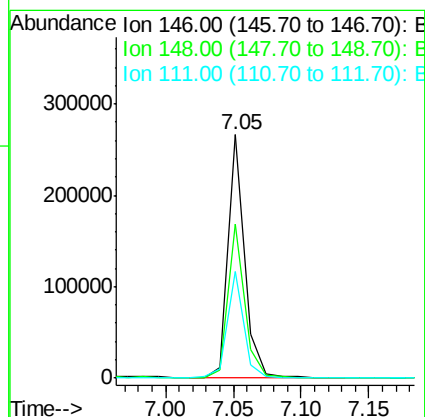
RT: 7.05 min Scan# 430

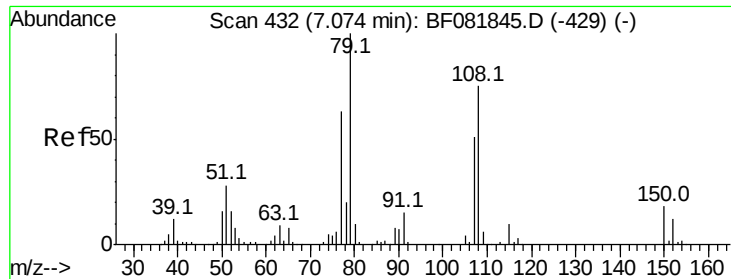
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:	146	Resp:	231482
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.7	79.1
111	43.8	28.8	43.2#





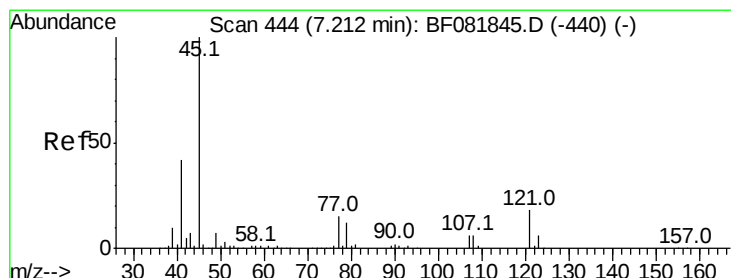
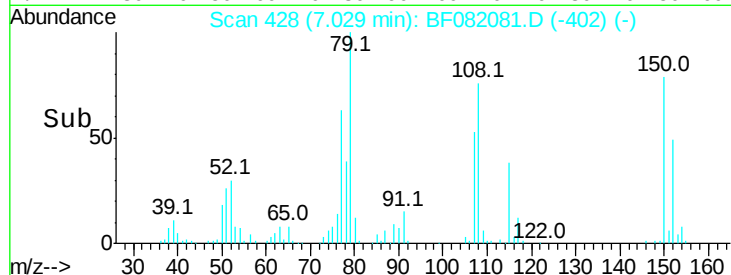
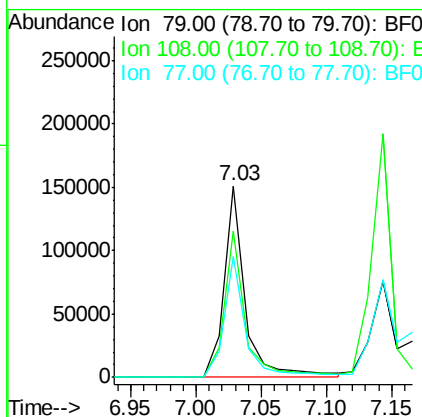
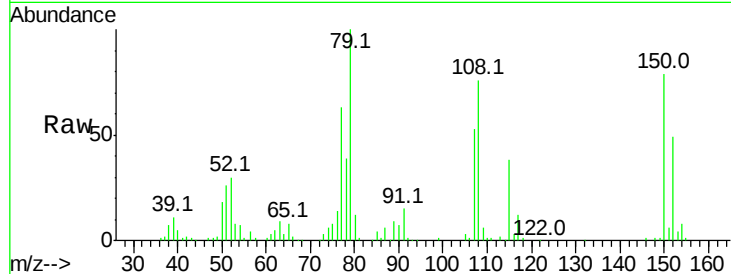
#15
Benzyl Alcohol
Concen: 41.38 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampled :
PB85911BS

Tot Ion: 79 Resp: 171464
Ion Ratio Lower Upper
79 100
108 76.3 88.6 132.8#
77 63.2 47.0 70.4

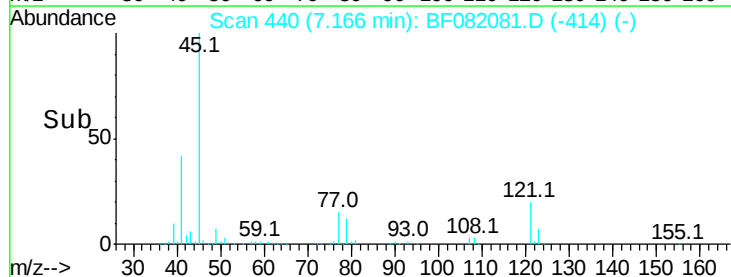
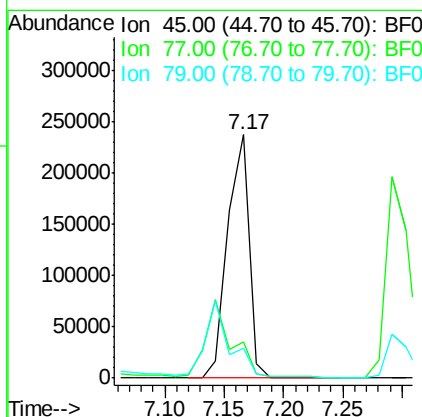
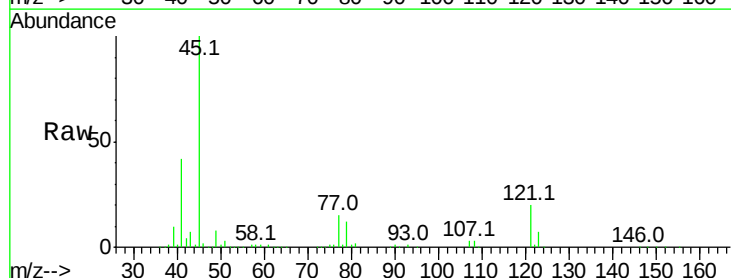
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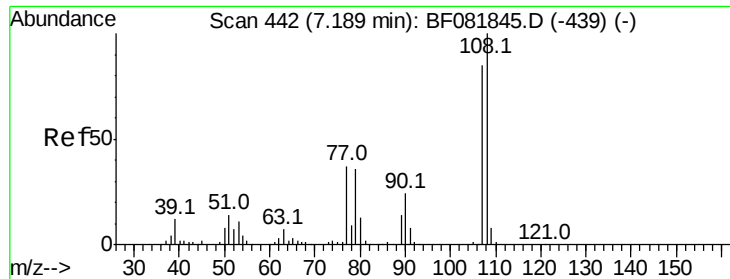
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.27 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion: 45 Resp: 298384
Ion Ratio Lower Upper
45 100
77 14.9 0.0 28.1
79 12.3 0.0 26.0





#17

2-Methylphenol

Concen: 43.44 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082081.D

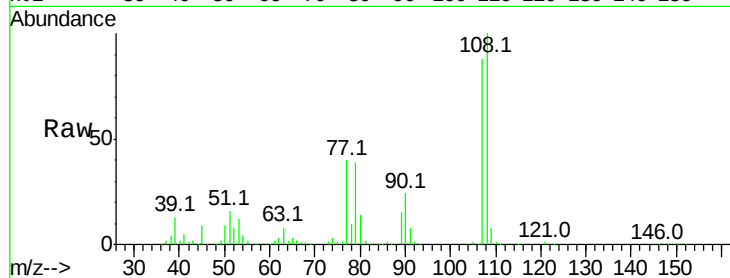
Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampled :

PB85911BS



Tot Ion:107 Resp: 177427

Ion Ratio Lower Upper

107 100

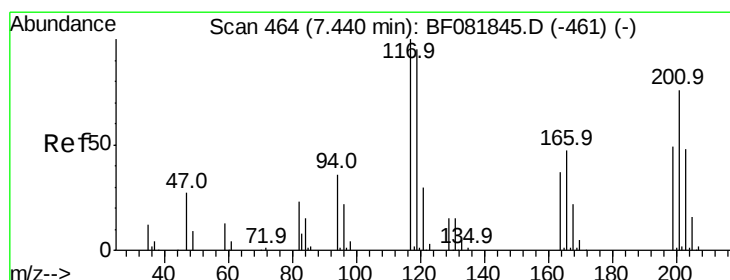
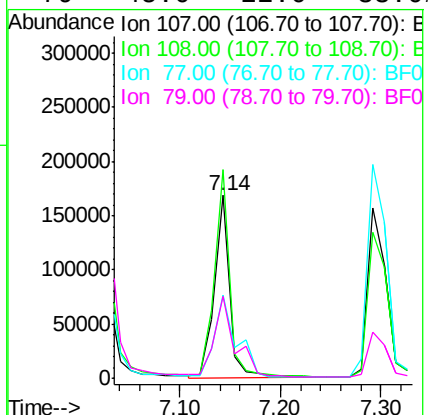
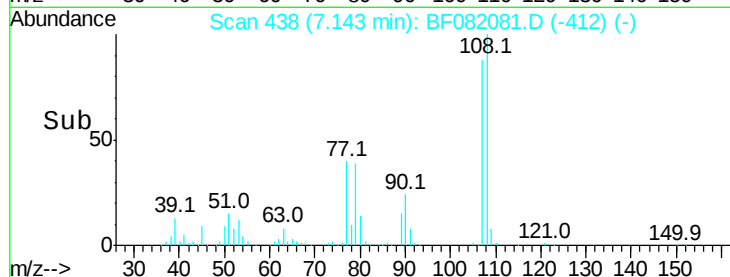
108 114.1 96.6 145.0

77 45.6 23.3 34.9#

79 45.0 22.0 33.0#

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#18

Hexachloroethane

Concen: 43.48 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

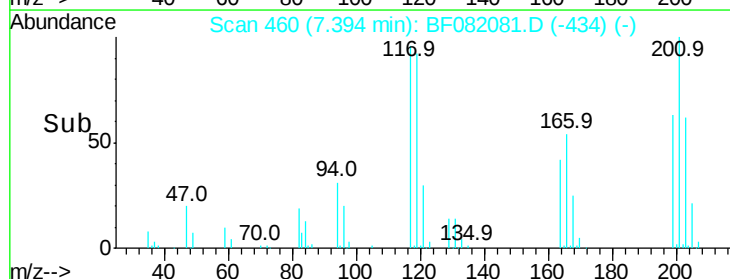
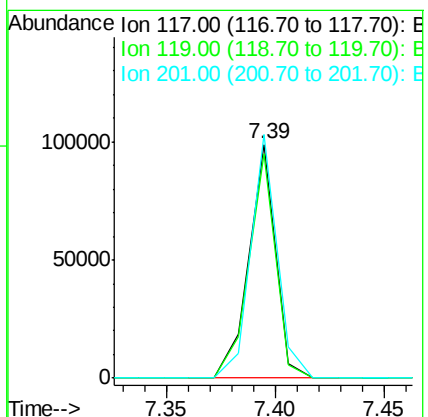
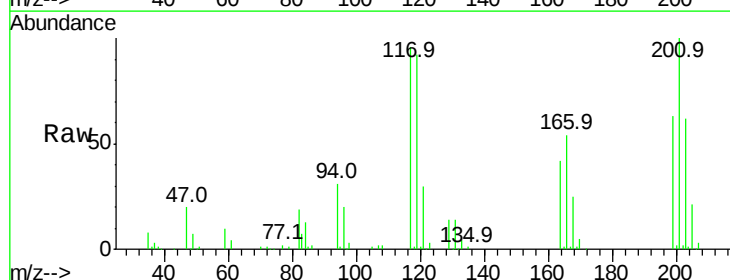
Tgt Ion:117 Resp: 84576

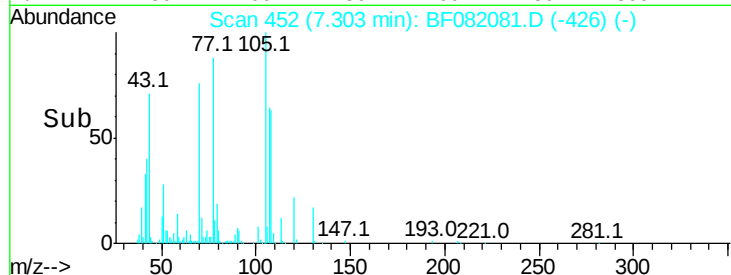
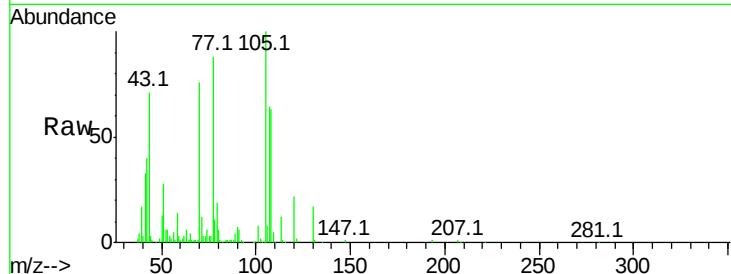
Ion Ratio Lower Upper

117 100

119 96.1 83.8 125.6

201 104.2 55.1 82.7#





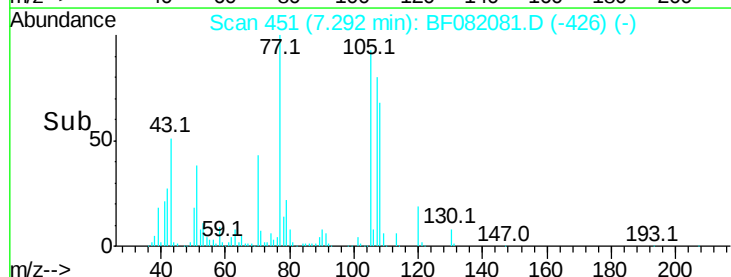
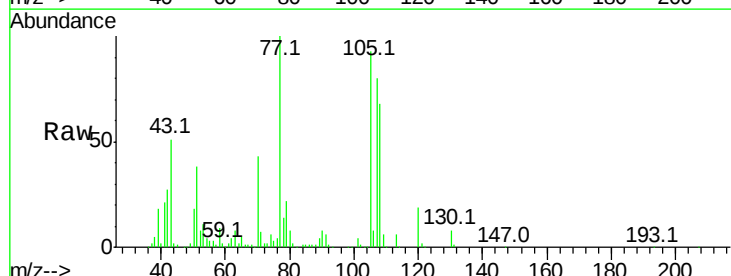
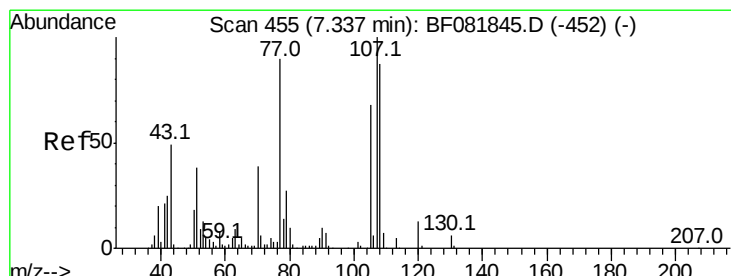
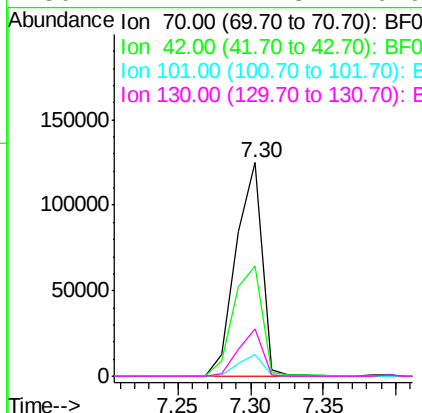
#19
n-Nitroso-di-n-propylamine
Concen: 44.75 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	70	Resp	156134
Ion Ratio	Lower	Upper	
70	100		
42	51.7	63.8	95.6#
101	10.1	9.2	13.8
130	22.4	27.3	40.9#

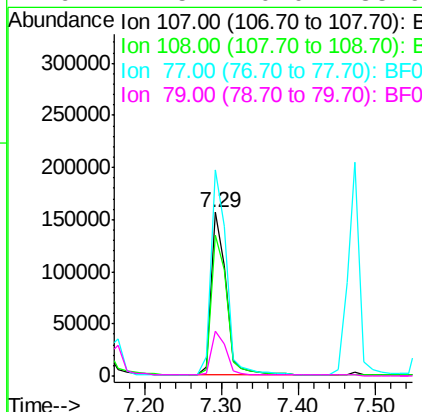
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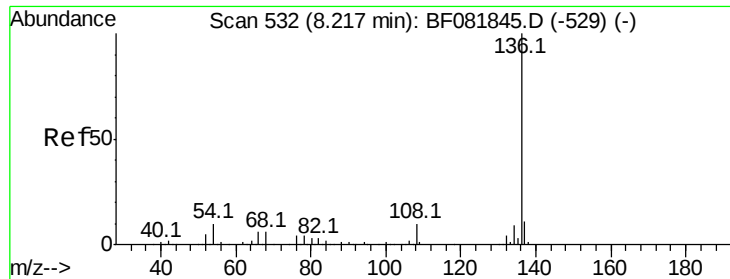
mmdadoda
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#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	107	Resp	206617
Ion Ratio	Lower	Upper	
107	100		
108	85.9	74.6	114.6
77	125.7	0.7	40.7#
79	27.5	0.0	38.9





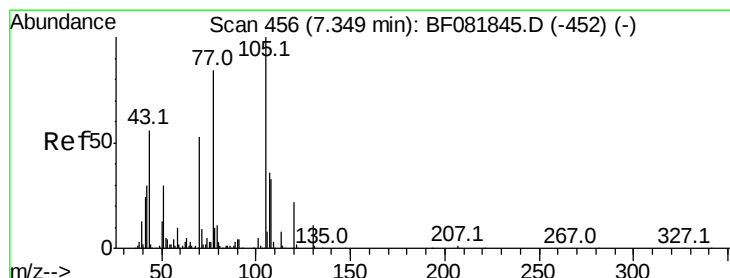
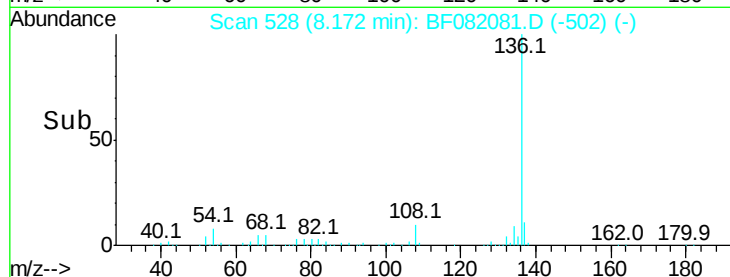
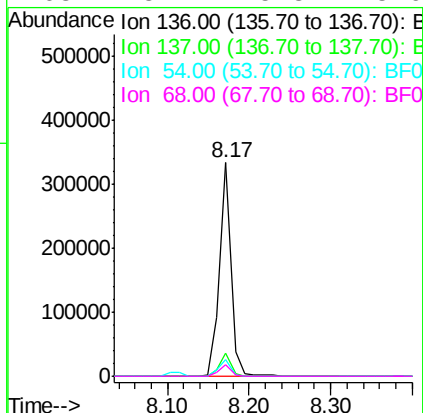
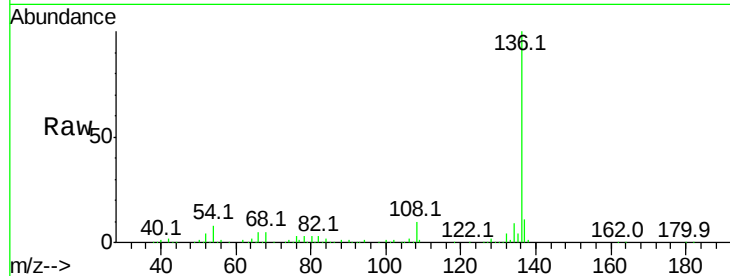
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	9.0	13.6		
54	7.7	8.2	12.2#		
68	5.2	5.8	8.6#		

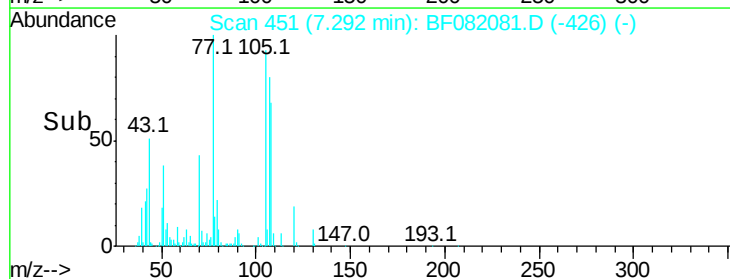
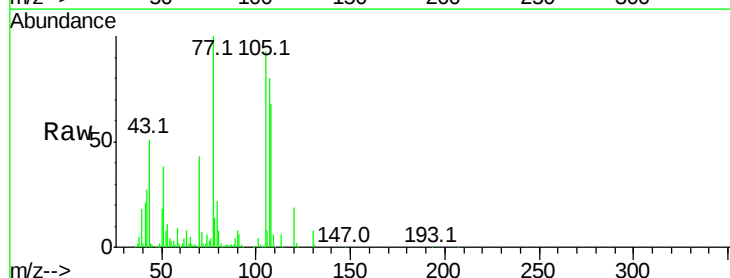
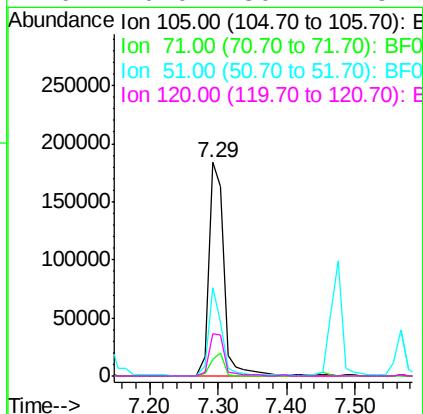
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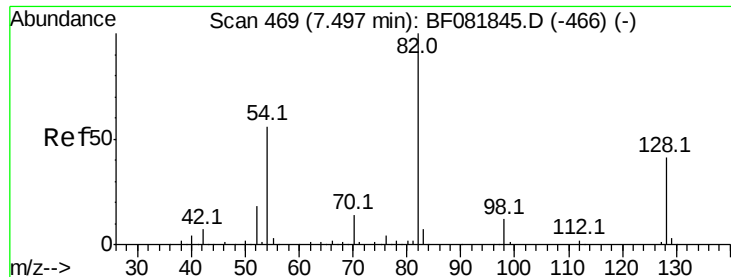
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#22
Acetophenone
Concen: 42.27 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.7	4.7	7.1#		
51	41.3	22.0	33.0#		
120	20.0	30.1	45.1#		





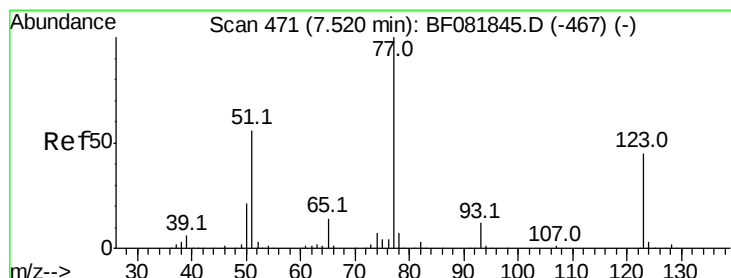
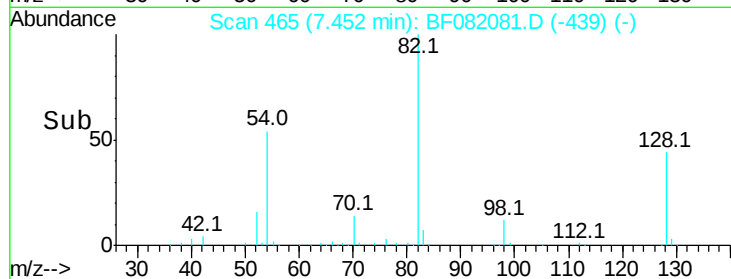
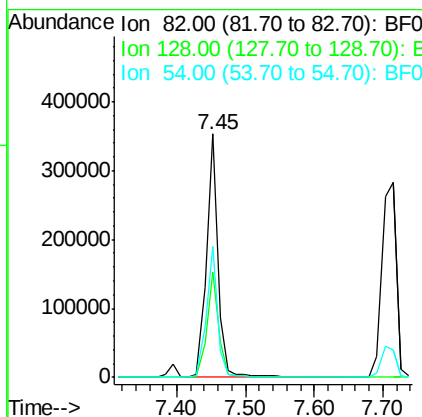
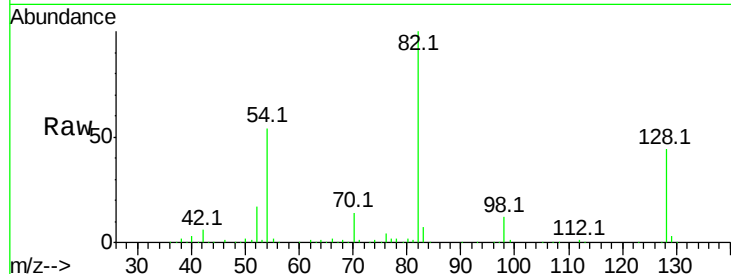
#23
 Nitrobenzene-d5
 Concen: 85.11 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	51.0	76.6#
54	53.7	47.5	71.3

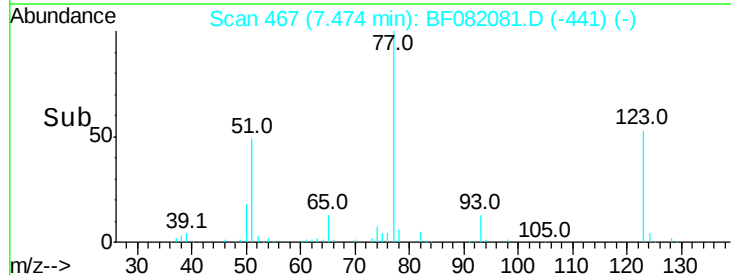
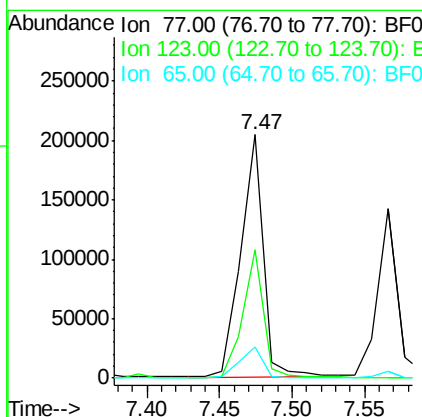
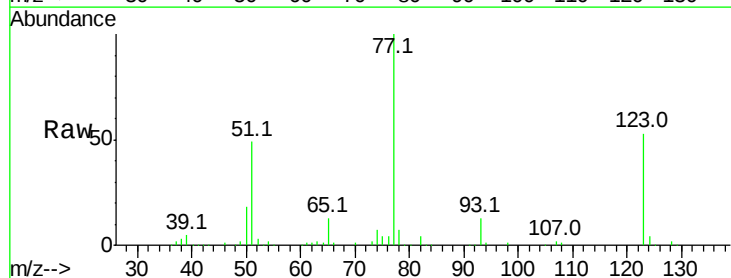
Manual Integrations
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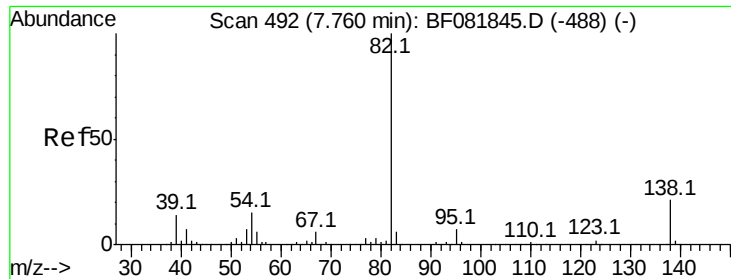
mmdadoda
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#24
 Nitrobenzene
 Concen: 41.63 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	59.8	89.8#
65	12.6	10.2	15.4





#25

Isophorone

Concen: 41.46 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion: 82 Resp: 402912

Ion Ratio Lower Upper

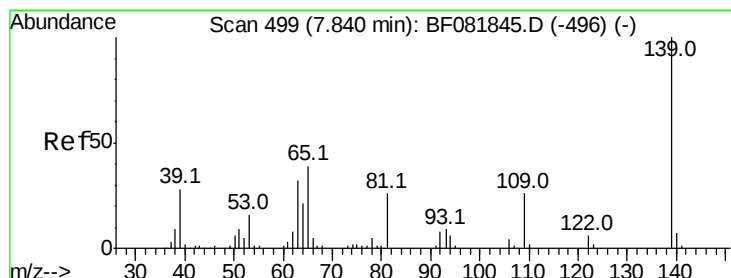
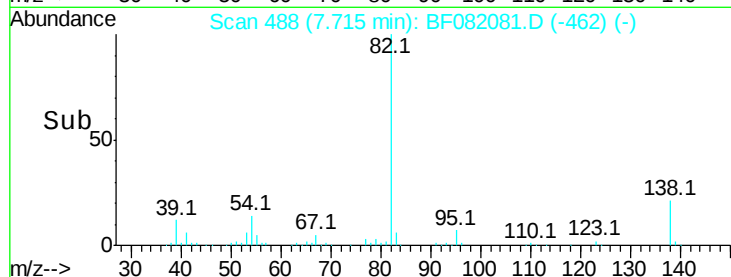
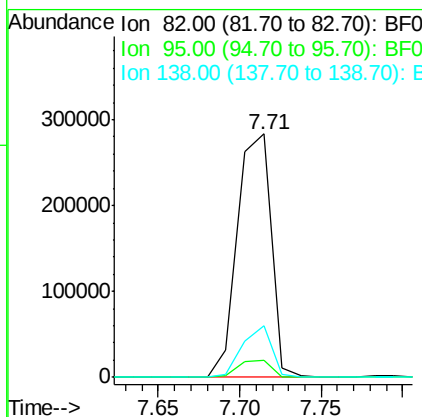
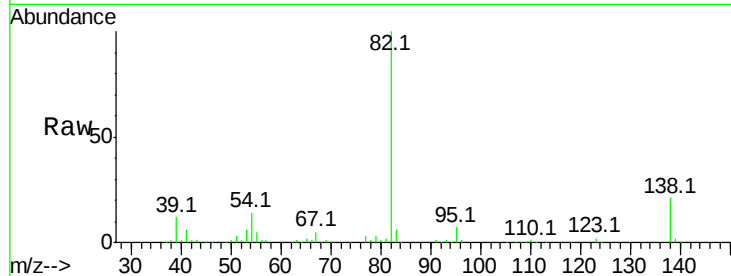
82 100

95 7.2 4.0 6.0#

138 21.4 18.3 27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.14 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

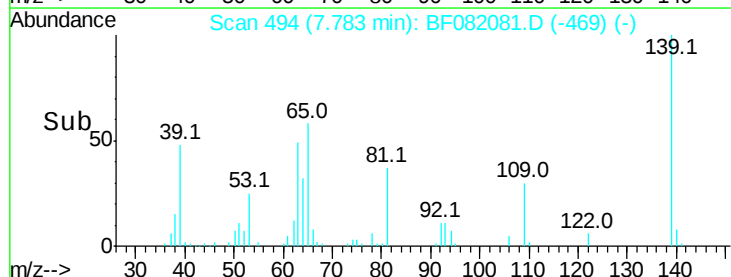
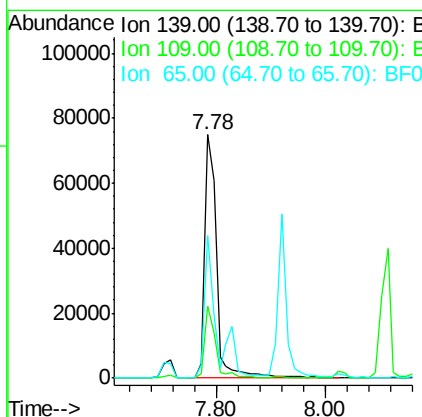
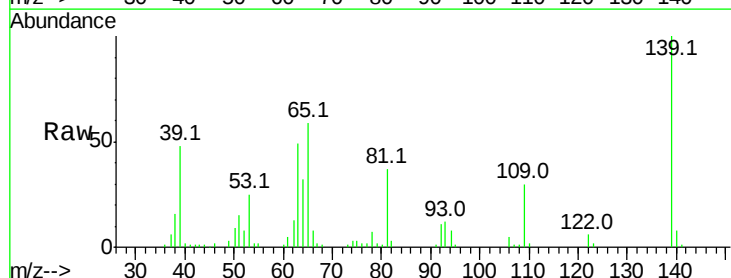
Tgt Ion: 139 Resp: 112807

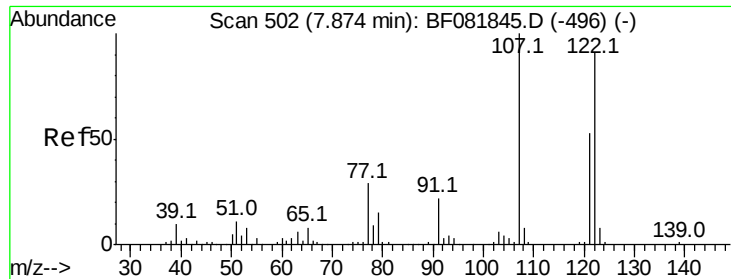
Ion Ratio Lower Upper

139 100

109 29.5 11.0 16.4#

65 58.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 45.29 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

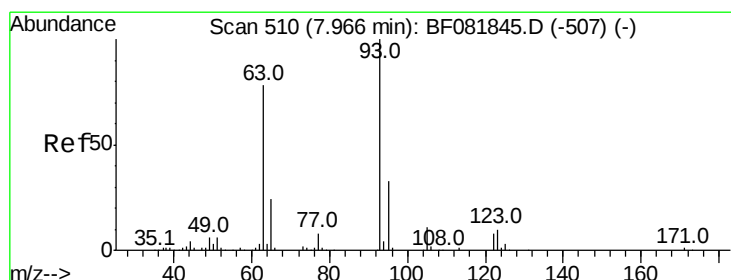
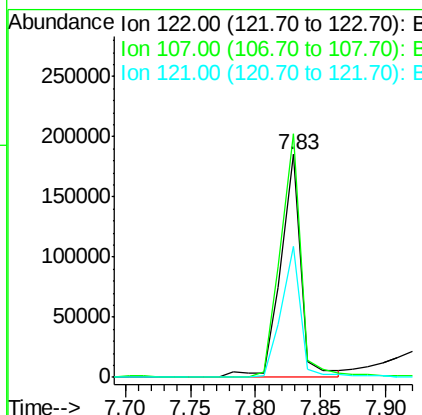
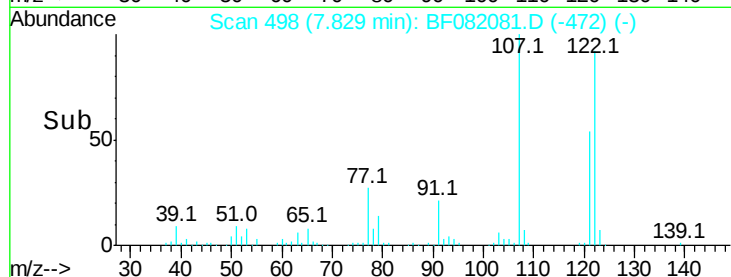
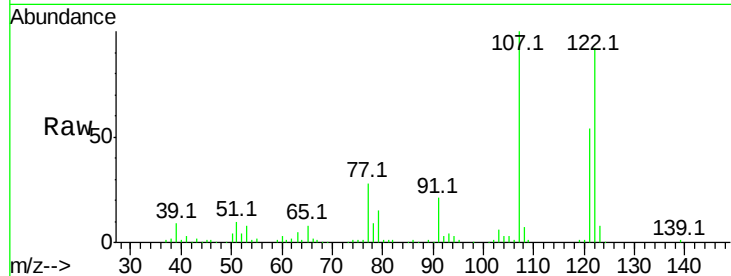
ClientSampleId :

PB85911BS

Tot Ion:	122	Resp:	203626
Ion Ratio	Lower	Upper	
122	100		
107	109.3	71.8	107.6#
121	59.0	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.73 ng

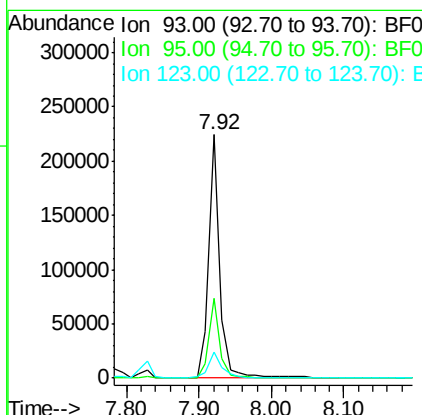
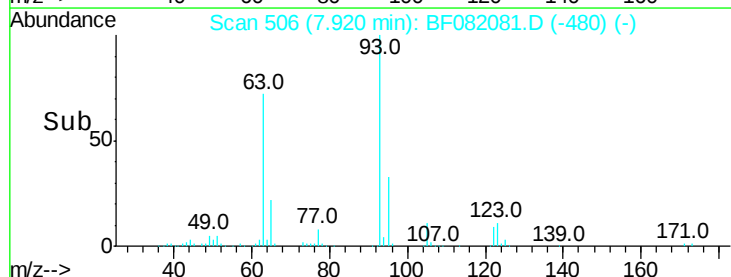
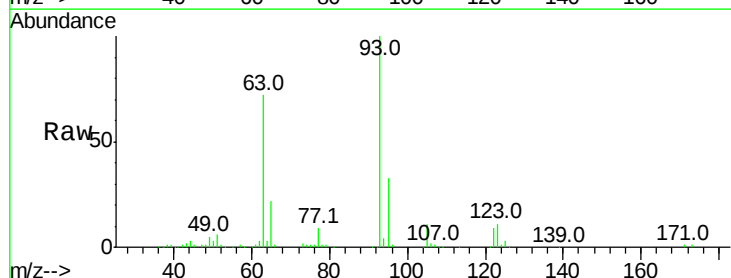
RT: 7.92 min Scan# 506

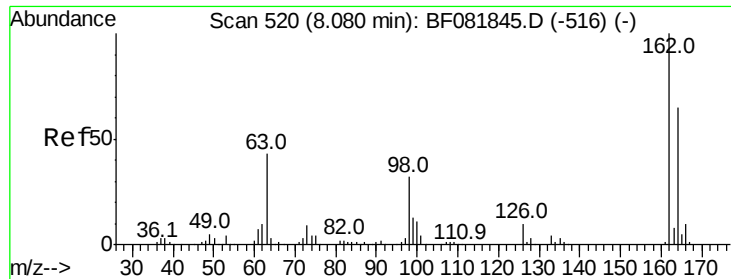
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:	93	Resp:	240797
Ion Ratio	Lower	Upper	
93	100		
95	32.6	27.5	41.3
123	10.8	13.7	20.5#





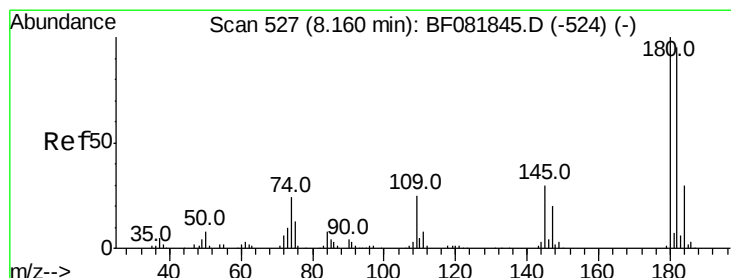
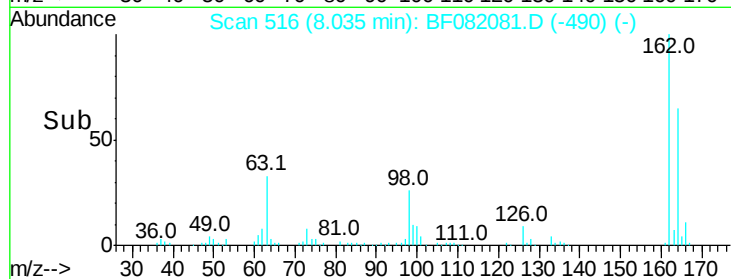
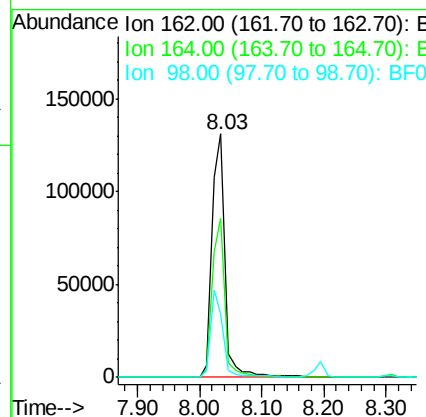
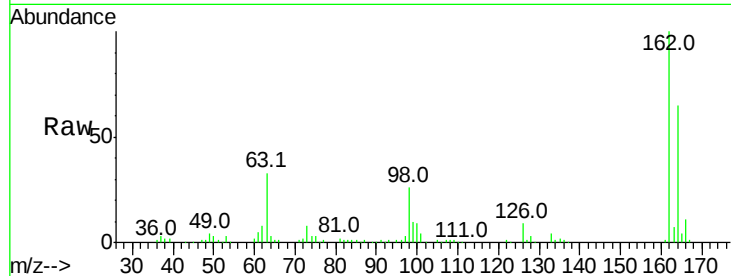
#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion:	162	Resp:	191598
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.9	84.9
98	25.9	13.0	53.0

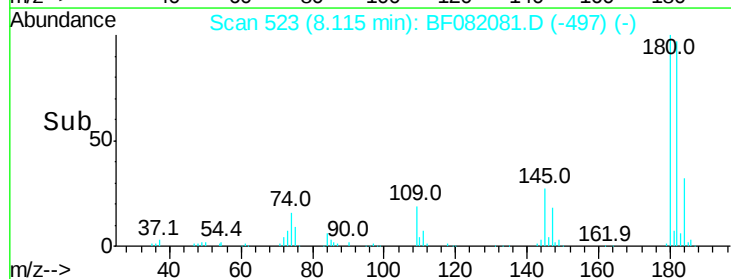
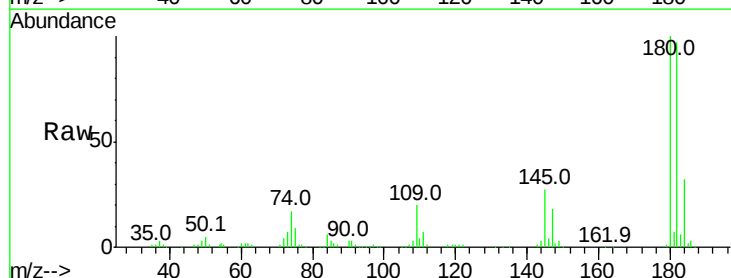
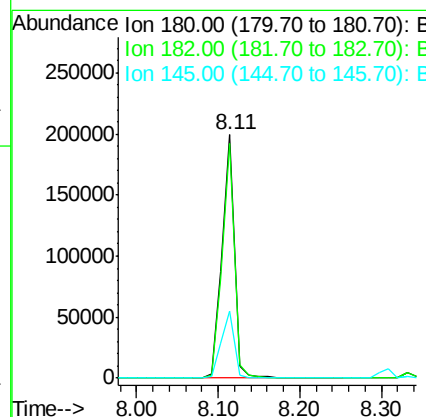
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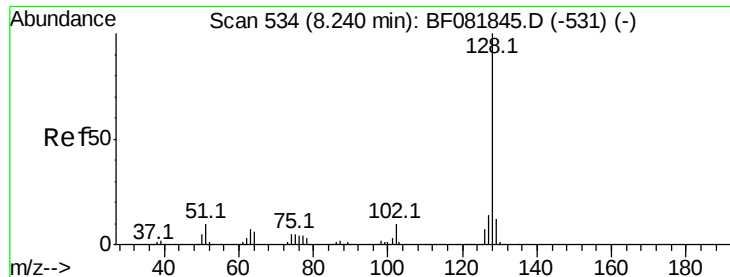
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.37 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion:	180	Resp:	211079
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.1	115.7
145	27.3	23.3	34.9





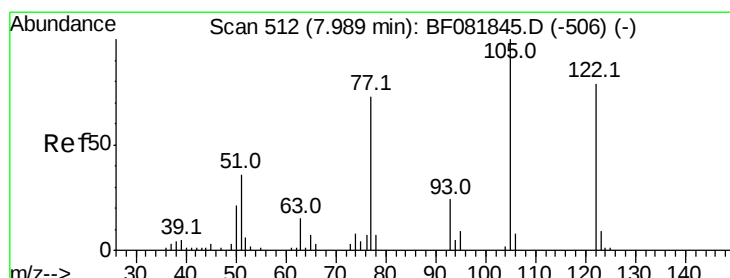
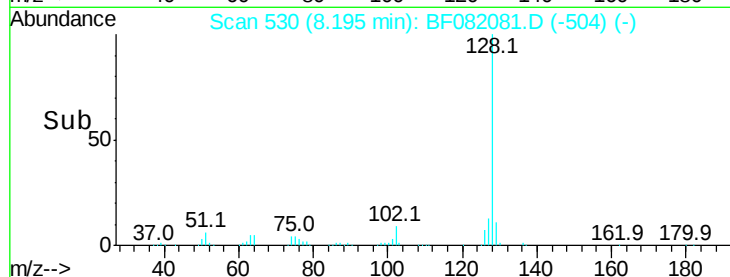
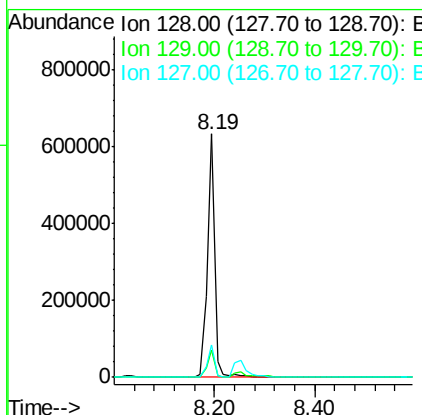
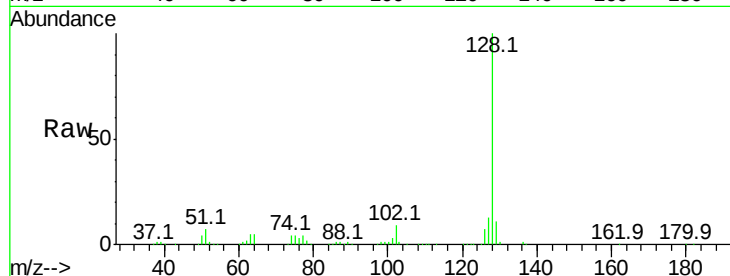
#31
Naphthalene
Concen: 44.01 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.4	12.6	
127	13.5	9.9	14.9	

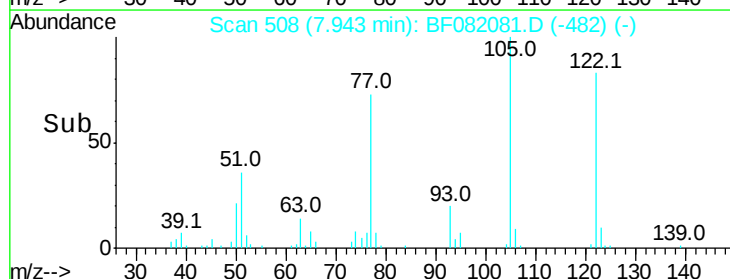
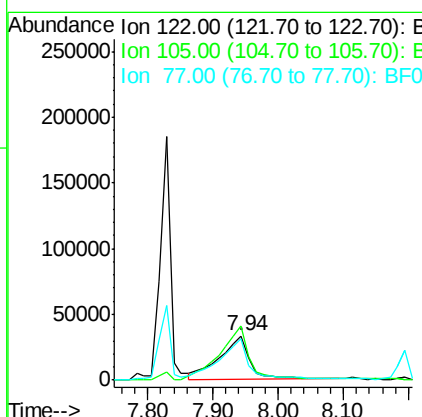
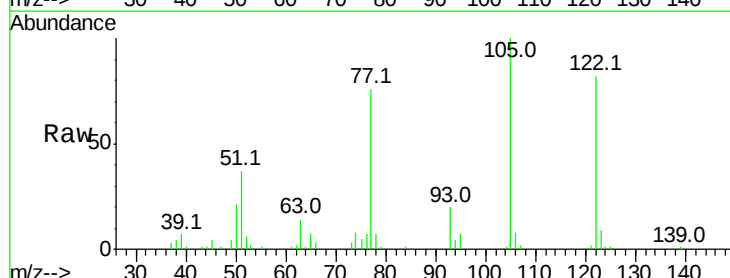
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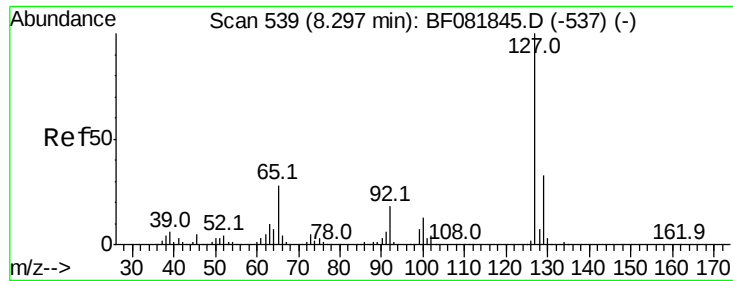
mmdadoda
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#32
Benzoic acid
Concen: 40.82 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.5	76.1	116.1#	
77	92.6	40.5	80.5#	





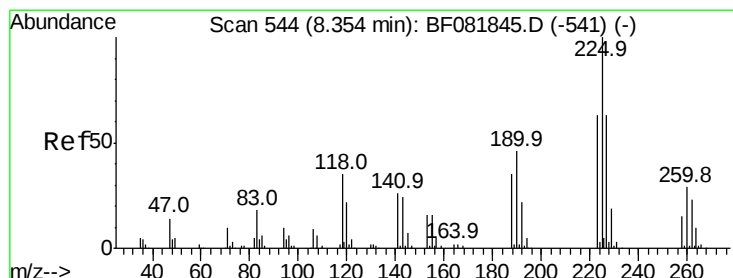
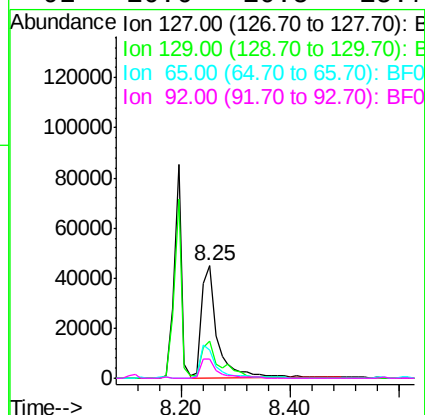
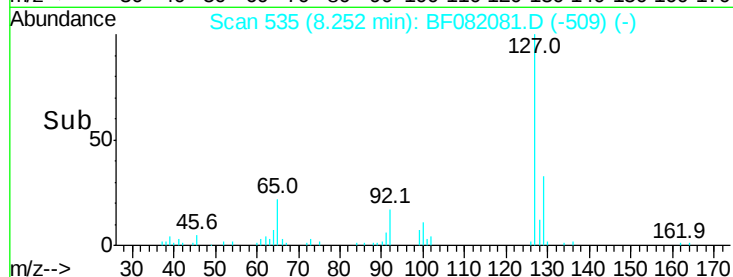
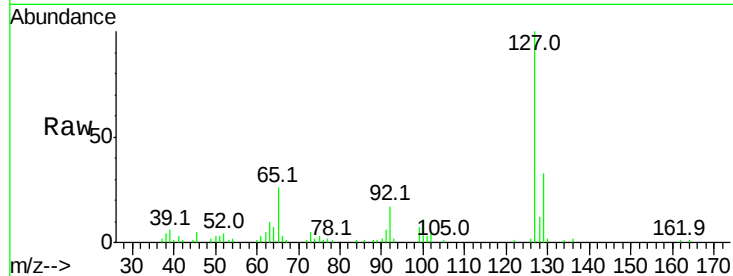
#33
4-Chloroaniline
Concen: 14.51 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.8	38.6		
65	25.6	17.9	26.9		
92	16.6	10.5	15.7		

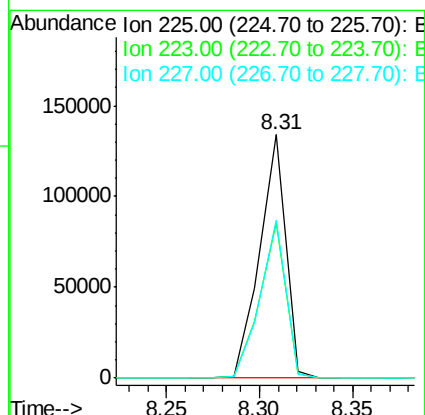
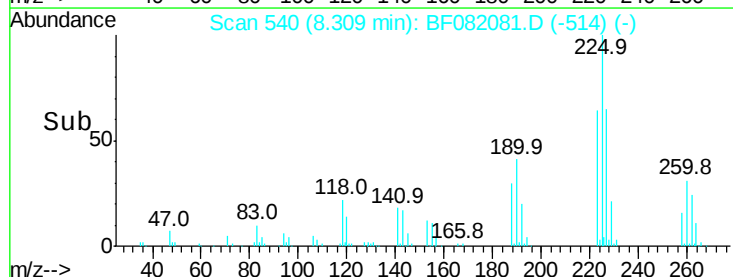
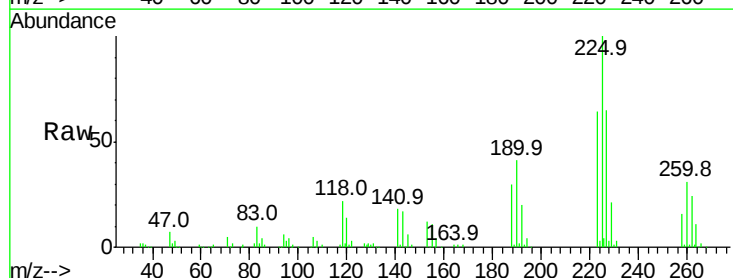
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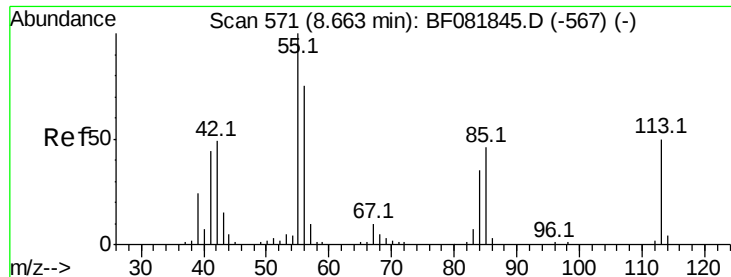
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#34
Hexachlorobutadiene
Concen: 45.02 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.2	75.2		
227	64.9	52.2	78.2		





#35

Caprolactam

Concen: 49.26 ng/ml

RT: 8.62 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

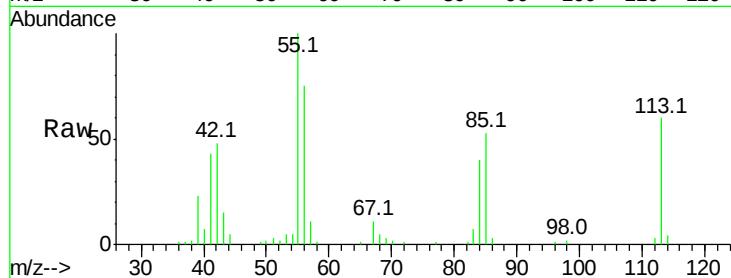
ClientSampleID :

PB85911BS

Manual Integrations
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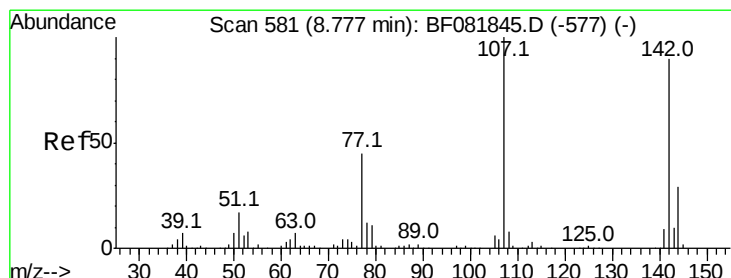
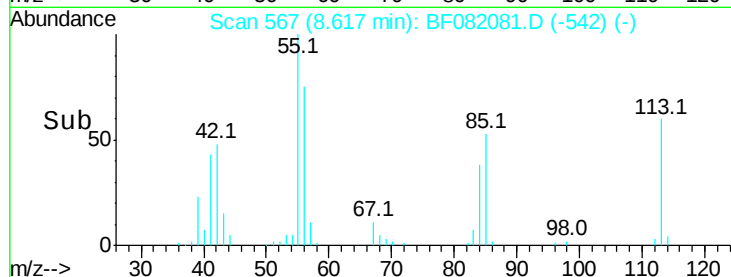
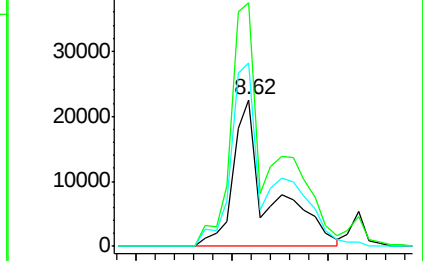
Tot Ion:	113	Resp:	59452
Ion Ratio	Lower	Upper	
113	100		
55	166.1	152.4	192.4
56	125.1	104.6	144.6



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: 47.32 ng/ml

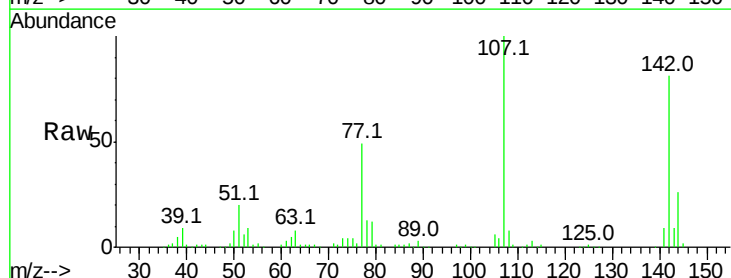
RT: 8.73 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

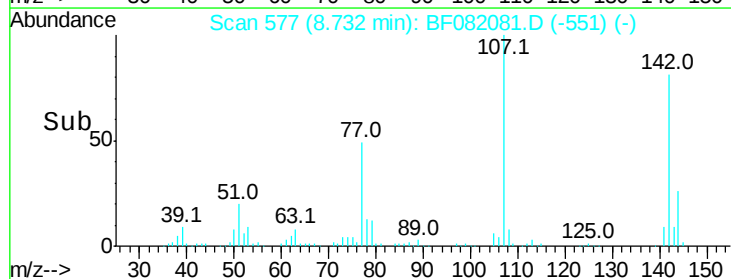
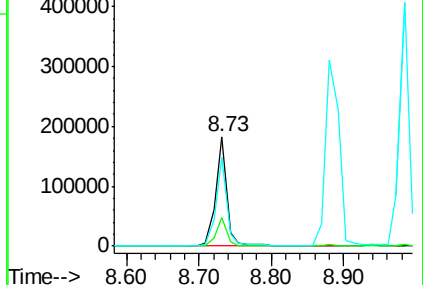
Tgt Ion:	107	Resp:	201693
Ion Ratio	Lower	Upper	
107	100		
144	25.9	25.4	38.0
142	81.0	77.3	115.9

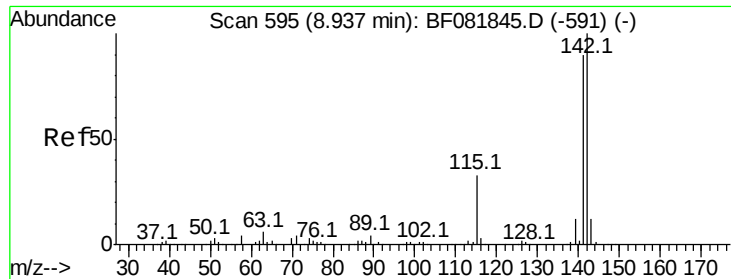


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





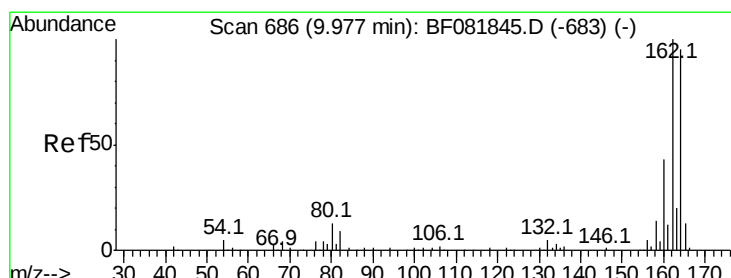
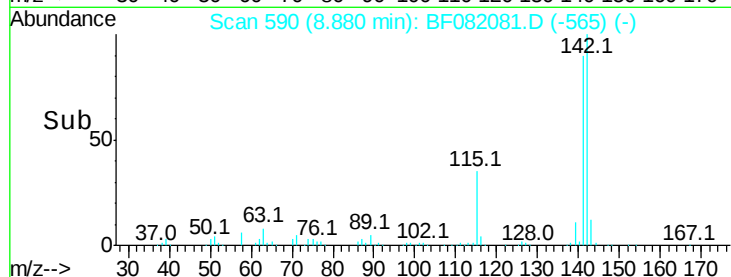
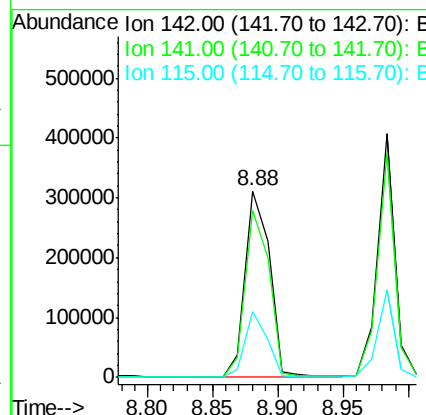
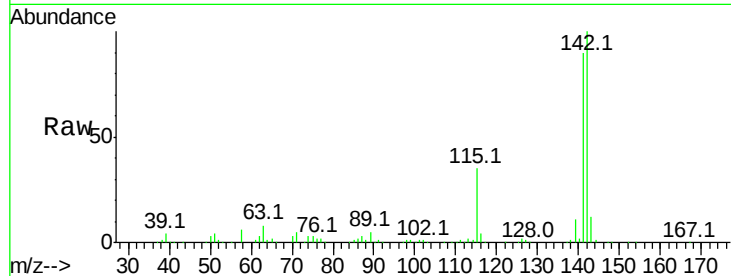
#37
 2-Methylnaphthalene
 Concen: 41.26 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.5	101.3
115	35.1	18.2	27.2

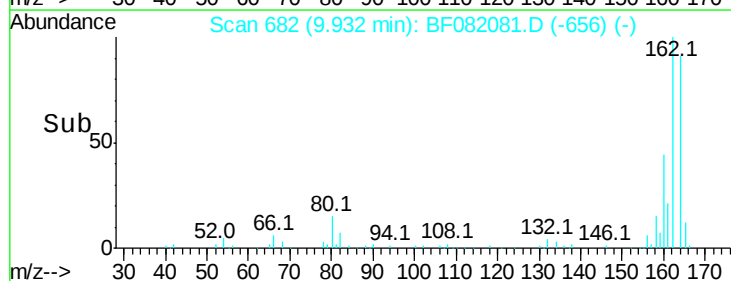
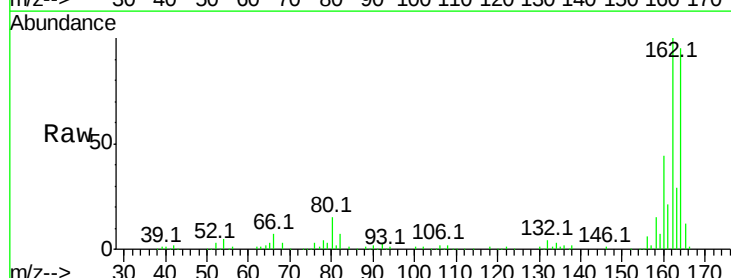
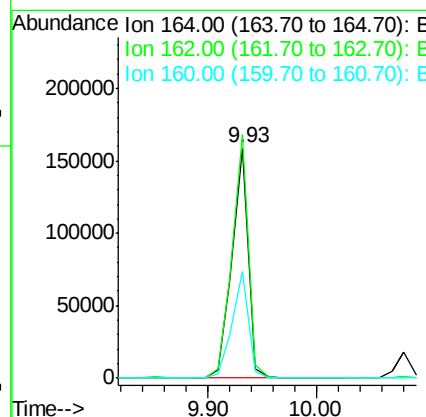
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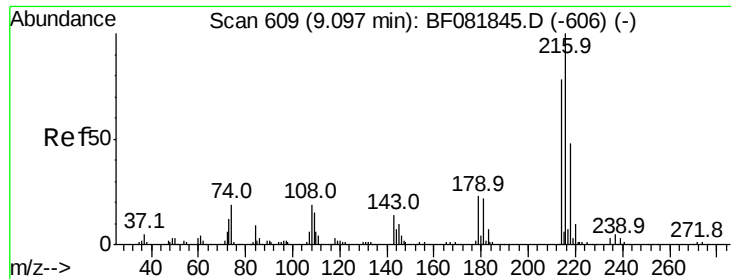
mmdadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	75.2	112.8
160	46.1	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.53 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

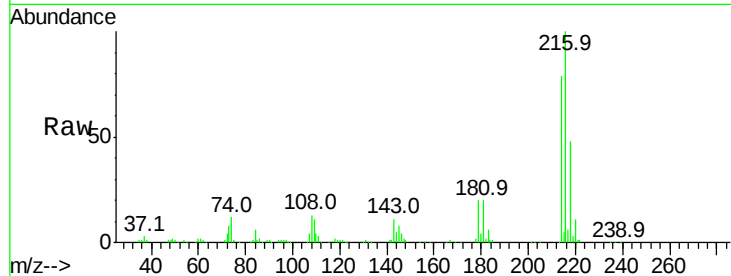
ClientSampleId :

PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	220533		
214	78.5	63.5	95.3	
179	20.7	16.6	24.8	
108	17.9	16.3	24.5	

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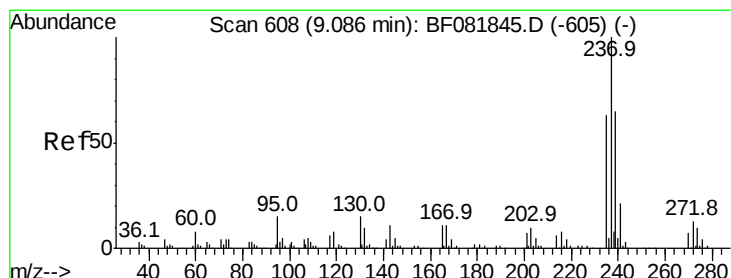
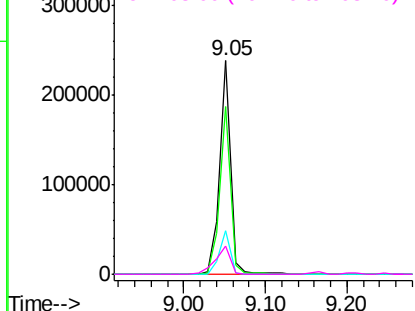
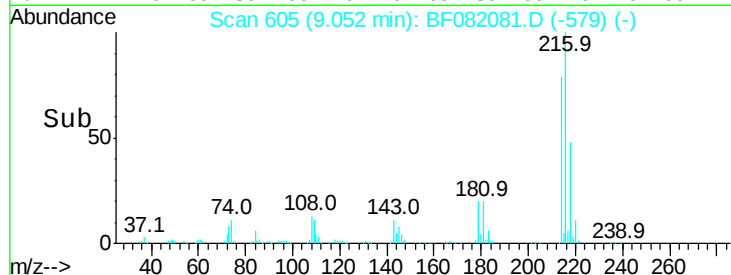


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.39 ng

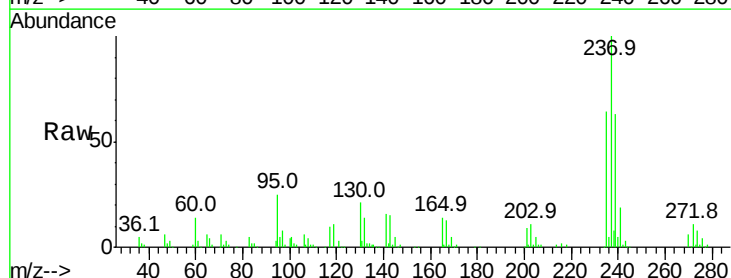
RT: 9.03 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

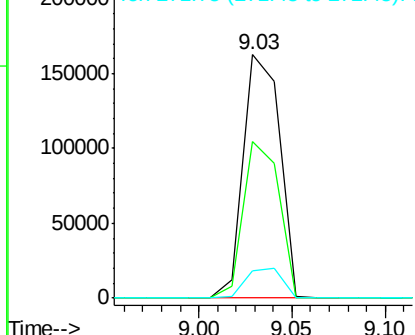
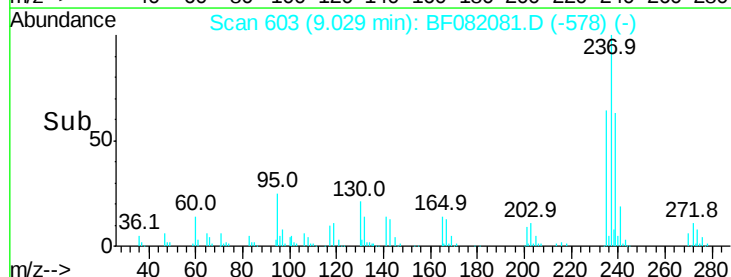
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220157		
235	64.2	42.0	82.0	
272	11.1	0.0	36.1	

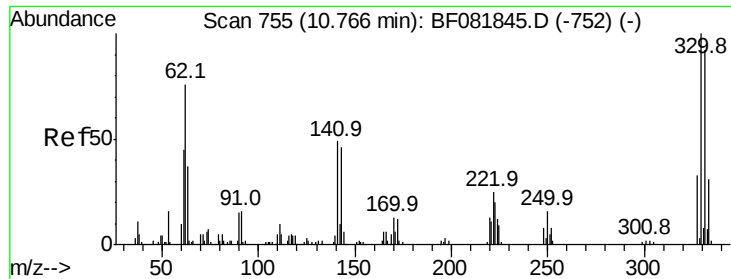


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





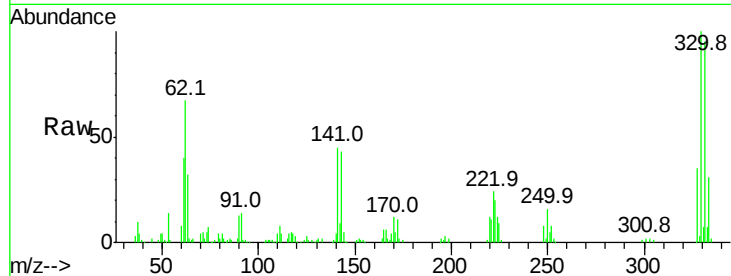
#41
 2,4,6-Tribromophenol
 Concen: 116.47 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

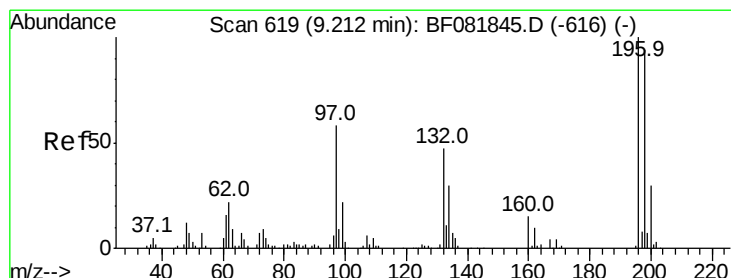
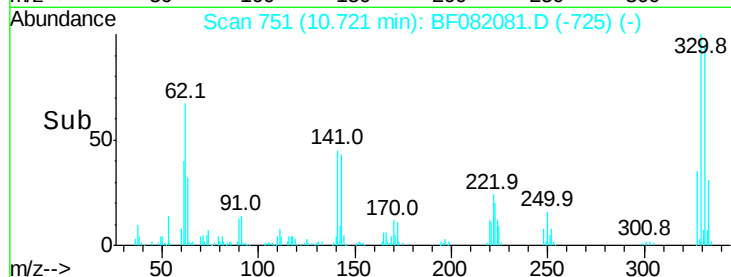
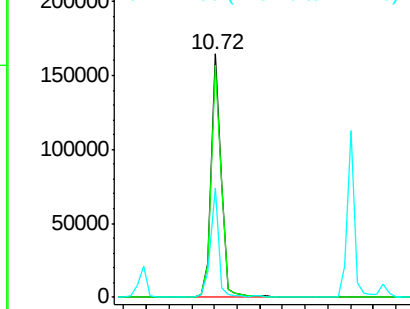
Tot Ion	Ratio	Resp	Lower	Upper
330	100	194637		
332	96.6	76.6	114.8	
141	36.5	29.7	44.5	

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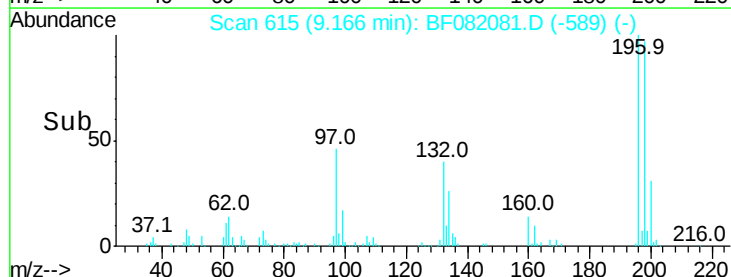
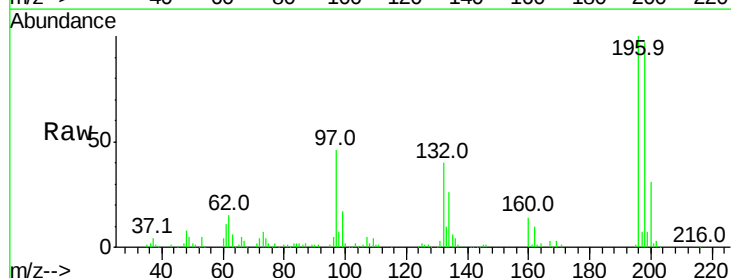
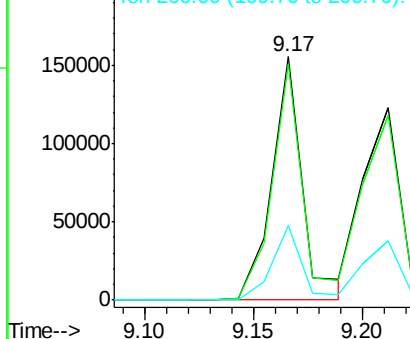
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

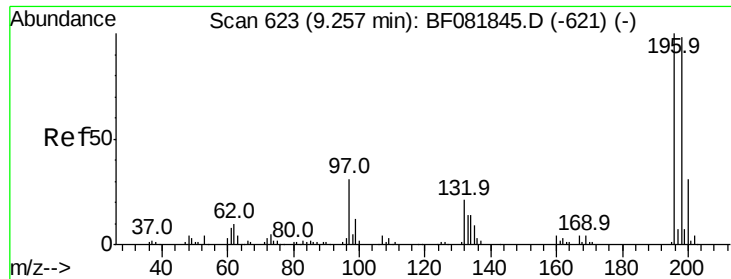


#42
 2,4,6-Trichlorophenol
 Concen: 44.10 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153173		
198	97.2	75.7	113.5	
200	30.8	23.9	35.9	

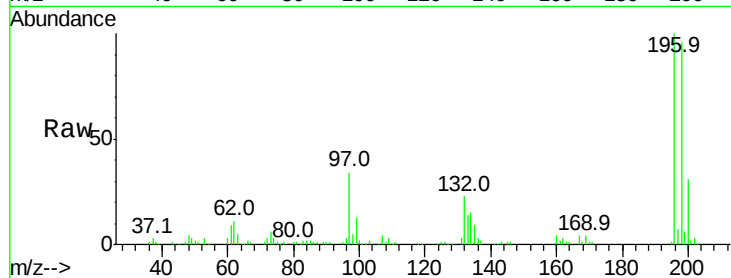
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

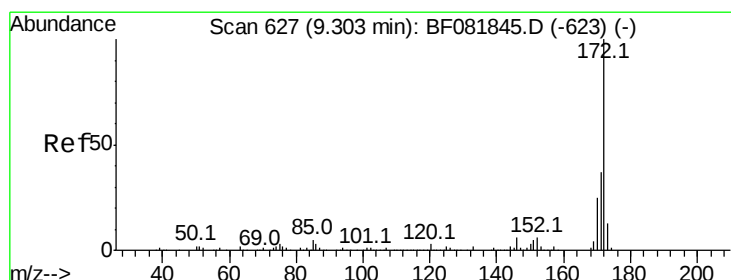
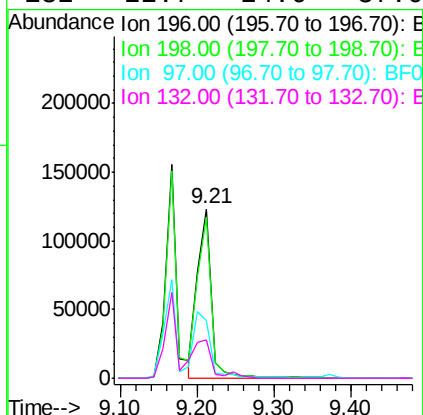
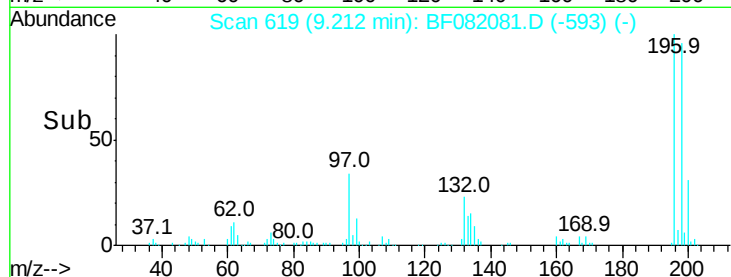
Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	155346		
198	95.7	75.4	113.0	
97	33.9	33.3	49.9	
132	22.7	24.6	37.0#	

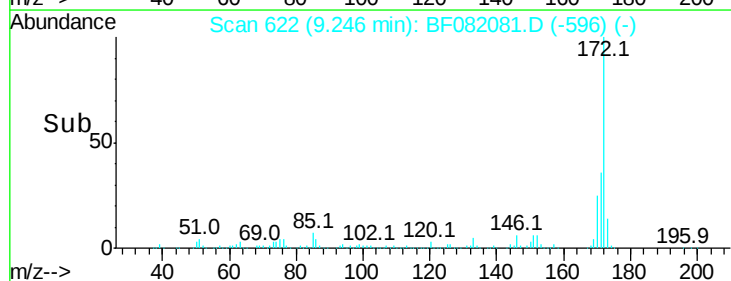
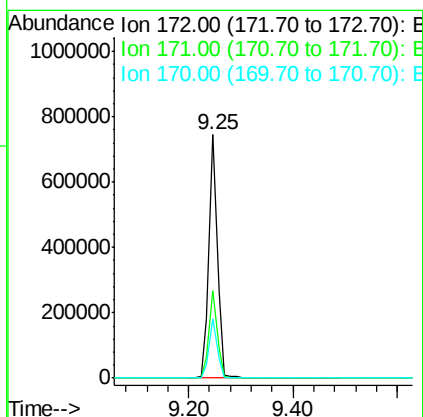
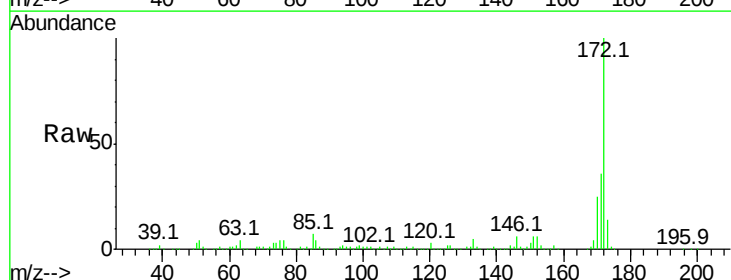
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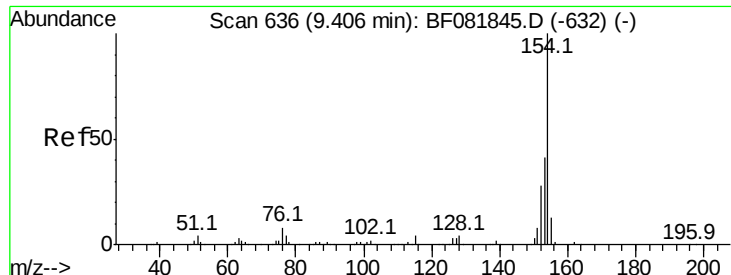
mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	843613		
171	36.1	26.1	39.1	
170	24.6	17.4	26.2	





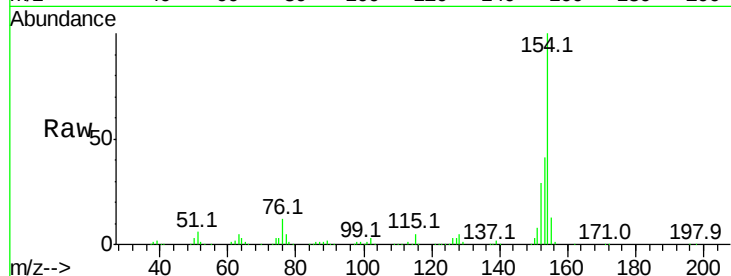
#45
 1,1'-Biphenyl
 Concen: 42.27 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

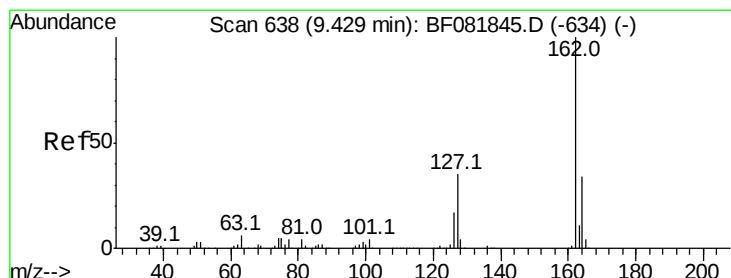
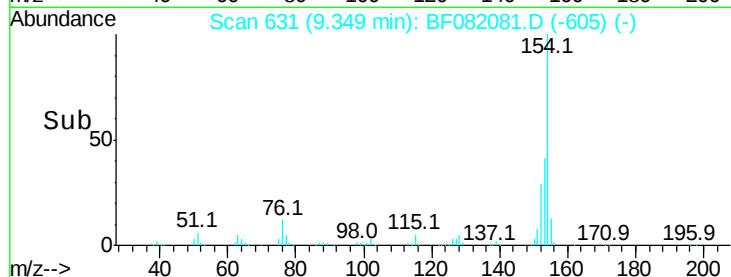
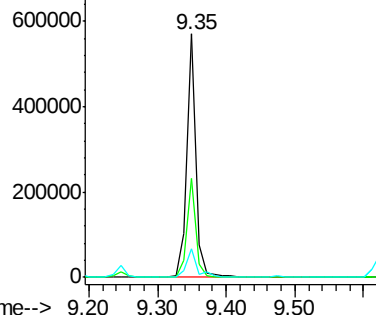
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	17.1	57.1	
76	11.9	0.0	31.6	

Manual Integrations
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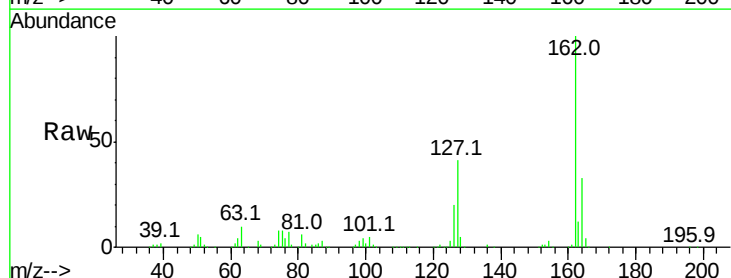


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

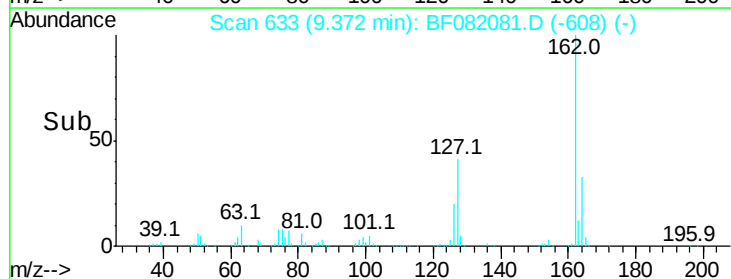
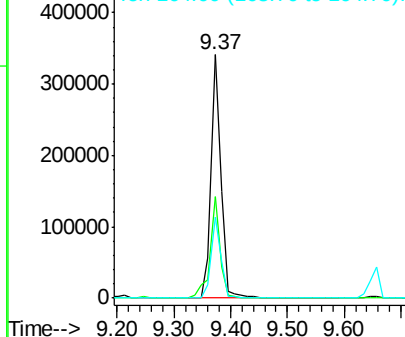


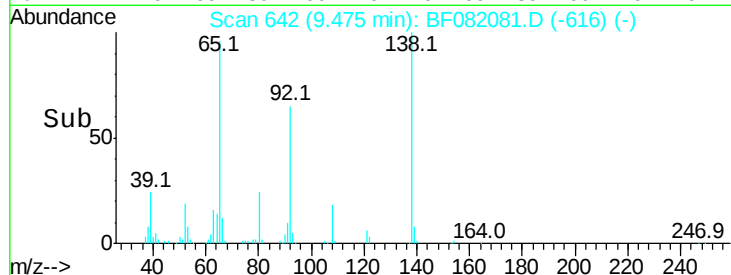
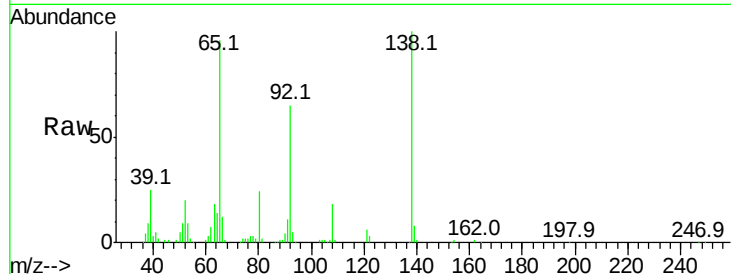
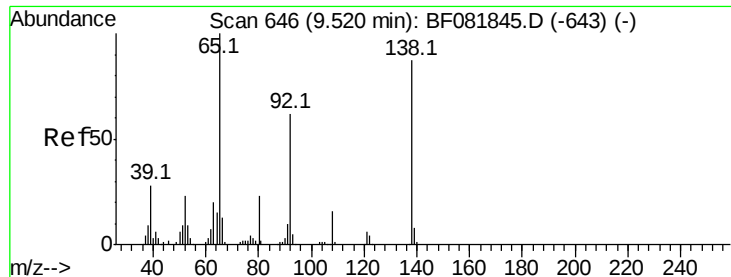
#46
 2-Chloronaphthalene
 Concen: 39.70 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	27.6	41.4#	
164	33.3	25.4	38.2	



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





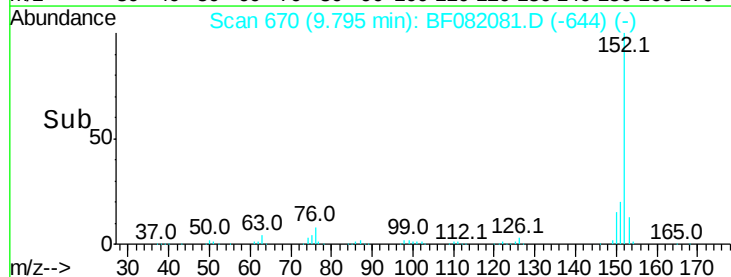
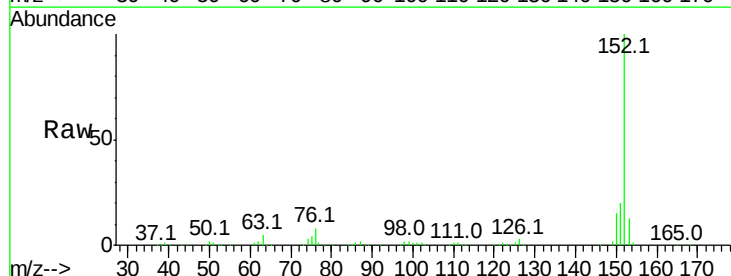
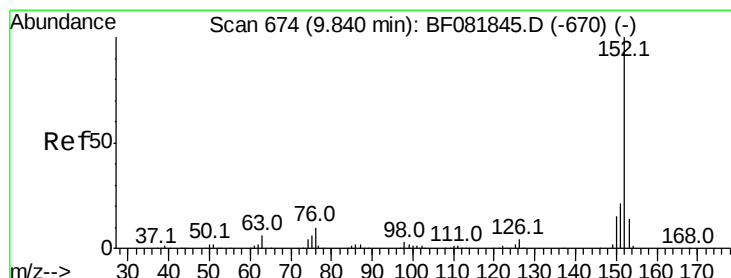
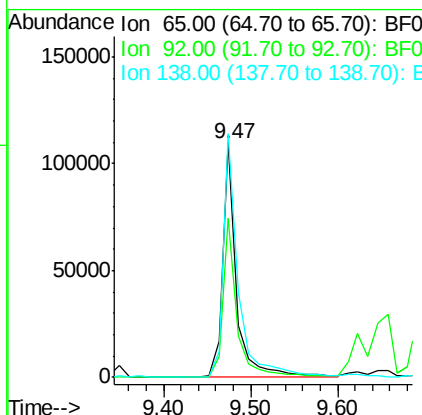
#47
2-Nitroaniline
Concen: 42.05 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.4	83.0
138	103.9	115.5	173.3

Instrument :
BNA_F
ClientSampleId :
PB85911BS

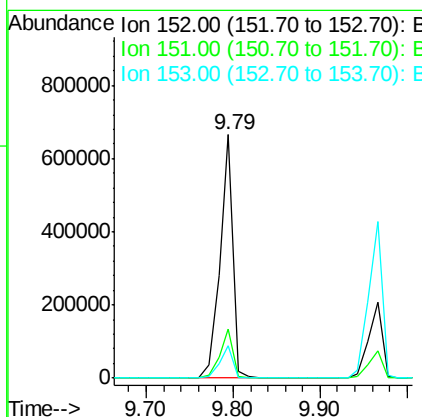
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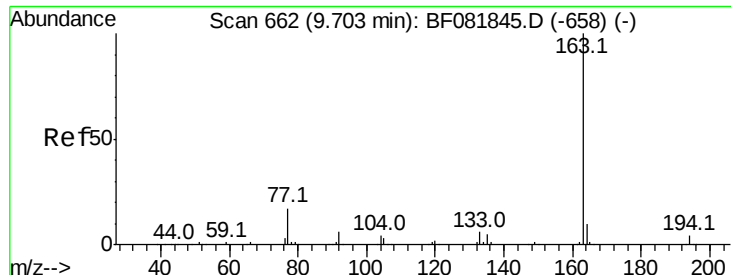
mmdadoda
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#48
Acenaphthylene
Concen: 43.80 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.3	10.3	15.5





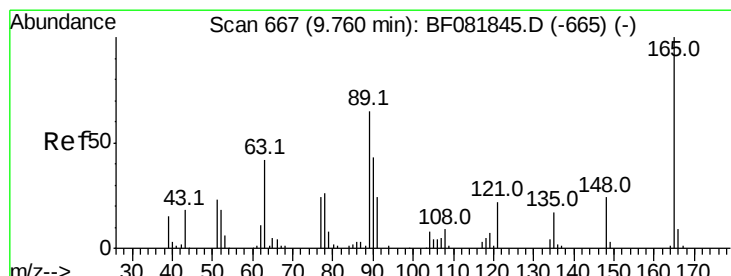
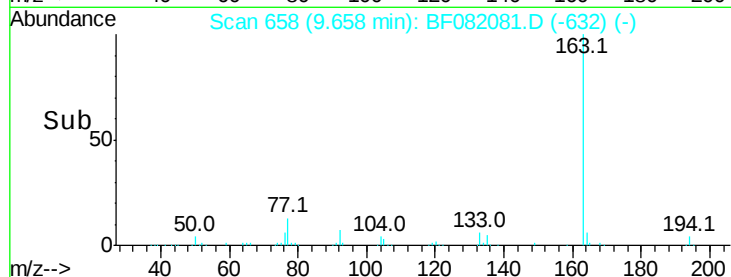
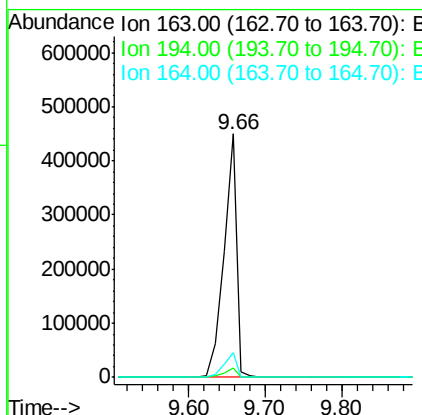
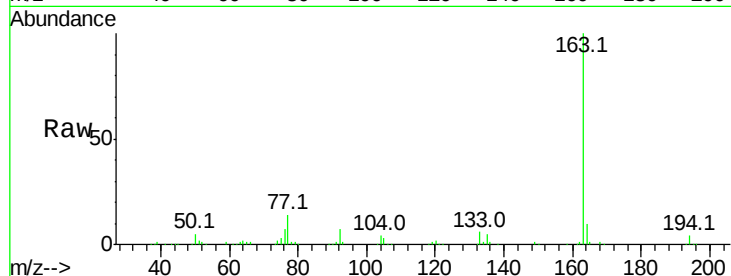
#49
Dimethylphthalate
Concen: 46.03 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	524292		
194	3.8		4.4	6.6#
164	9.9		8.3	12.5

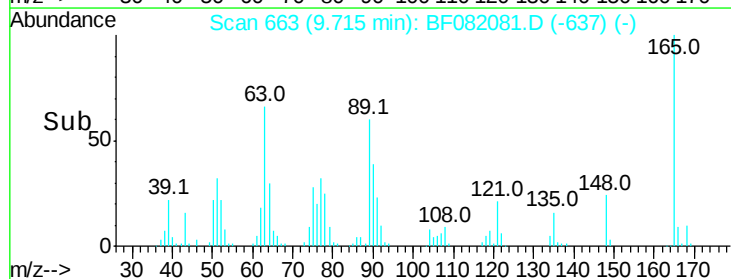
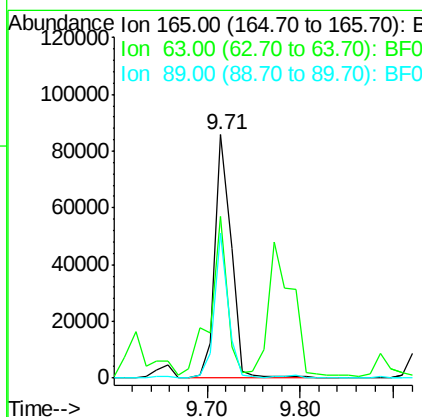
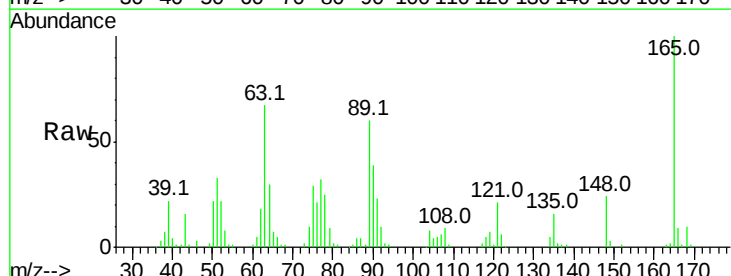
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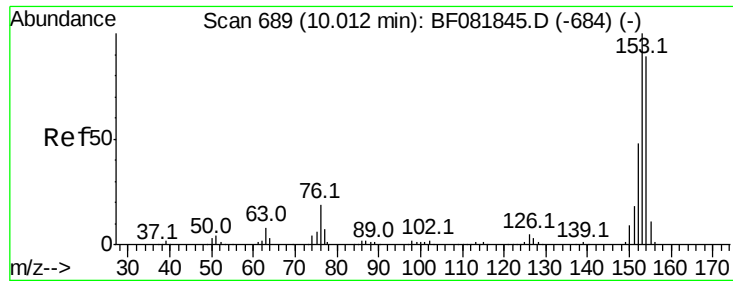
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#50
2,6-Dinitrotoluene
Concen: 41.97 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103794		
63	66.6		32.3	48.5#
89	59.5		28.6	43.0#





#51

Acenaphthene

Concen: 44.46 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

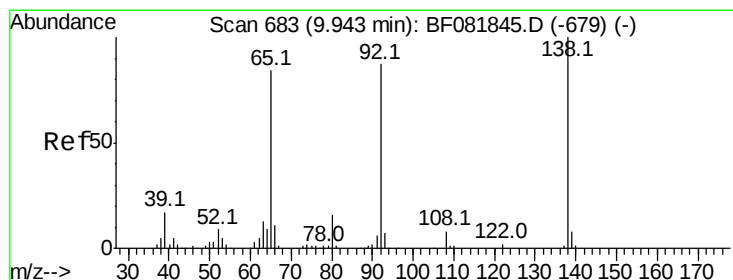
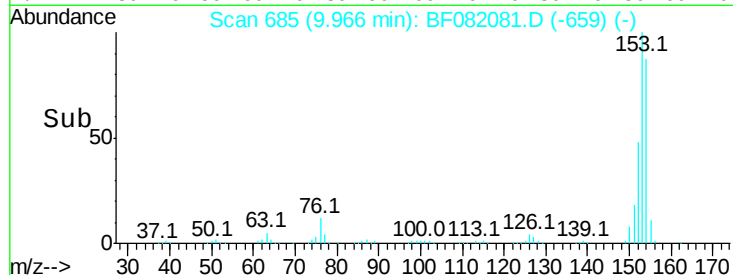
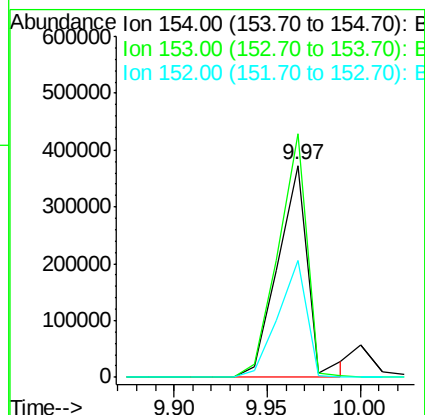
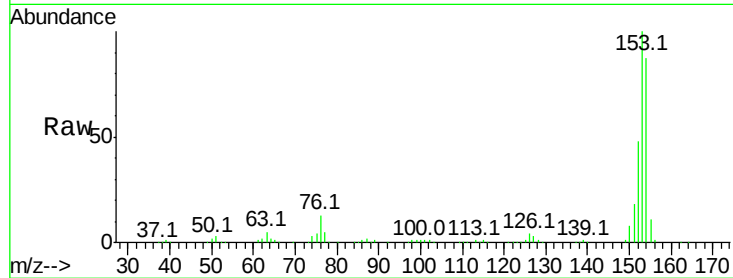
ClientSampleId :

PB85911BS

Tot Ion:	154	Resp:	422399
Ion Ratio	Lower	Upper	
154	100		
153	114.7	82.1	123.1
152	55.2	37.9	56.9

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#52

3-Nitroaniline

Concen: 22.05 ng

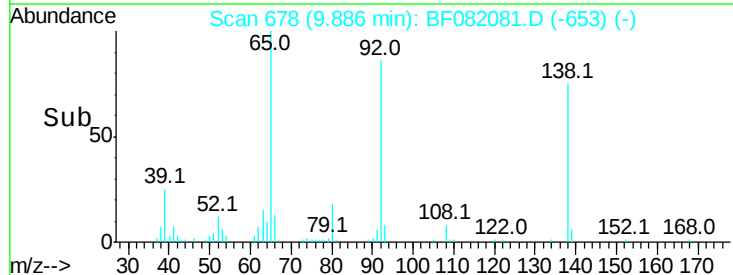
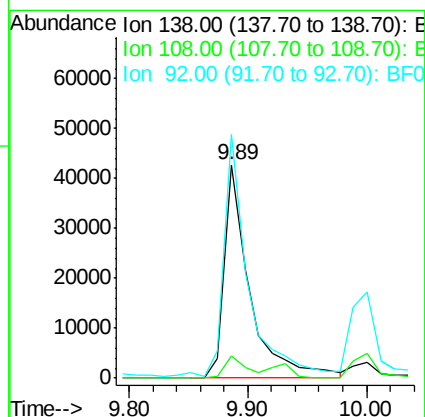
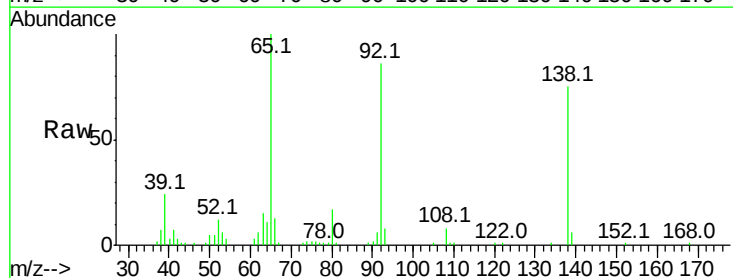
RT: 9.89 min Scan# 678

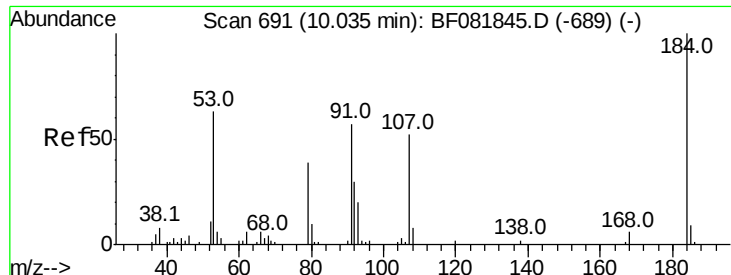
Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:	138	Resp:	63086
Ion Ratio	Lower	Upper	
138	100		
108	10.1	5.7	8.5#
92	114.3	67.7	101.5#





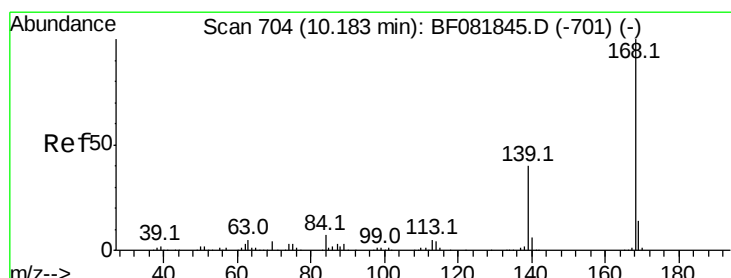
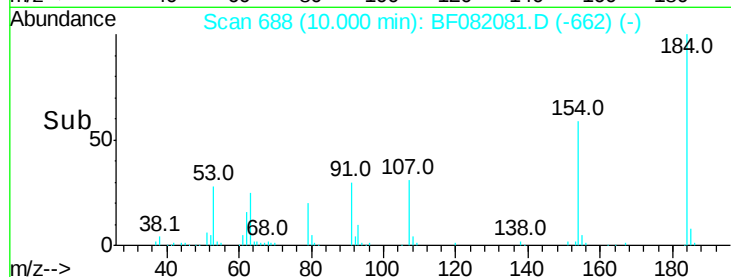
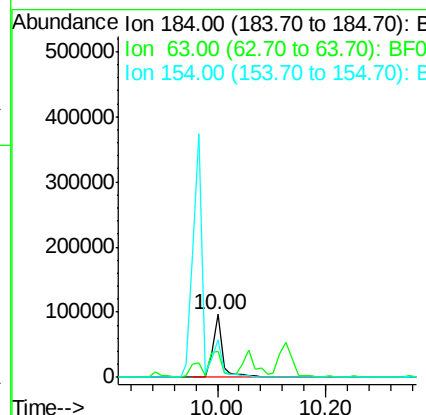
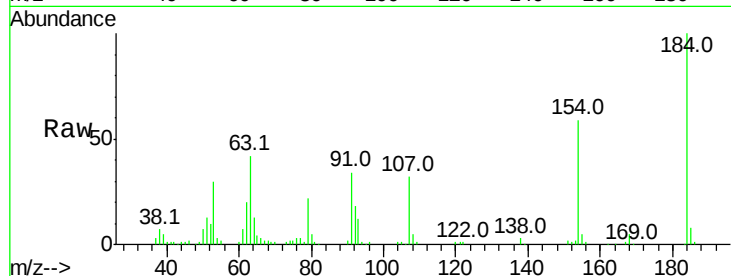
#53
2,4-Dinitrophenol
Concen: 91.24 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	41.7	35.4	53.2	
154	59.5	32.2	48.4	

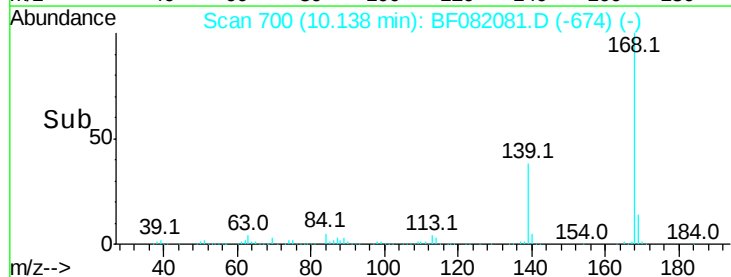
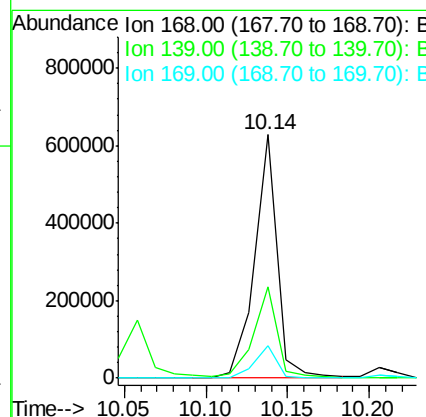
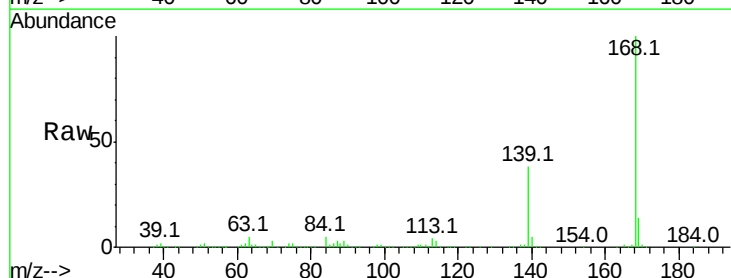
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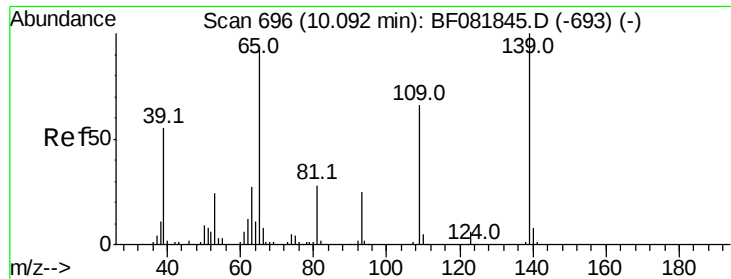
mmdadoda
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#54
Dibenzofuran
Concen: 45.31 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	24.2	36.2	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 84.69 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion:139 Resp: 175070

Ion Ratio Lower Upper

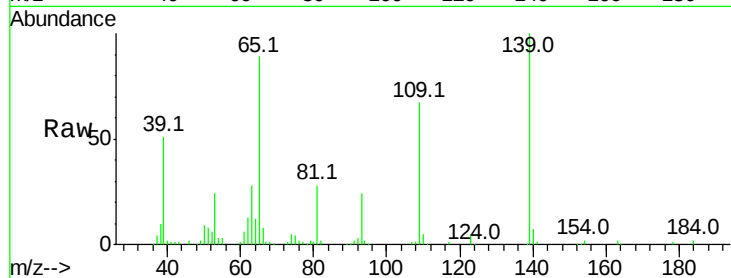
139 100

109 67.0 12.7 52.7#

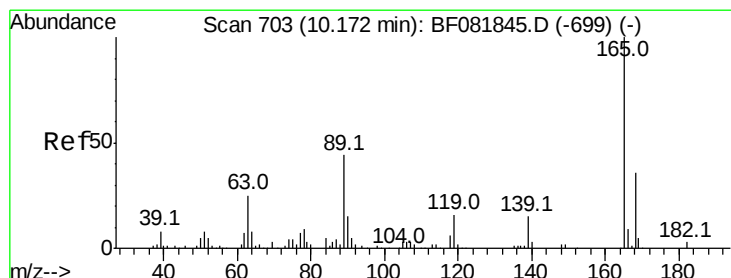
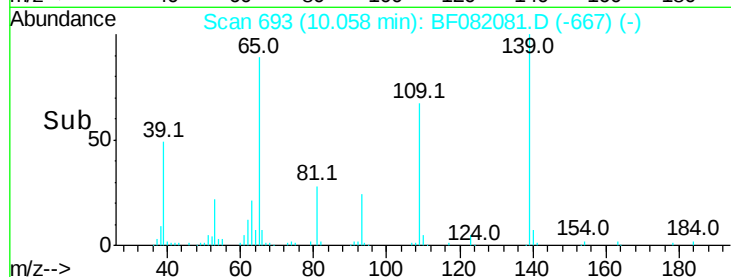
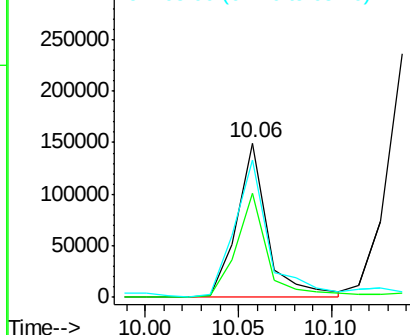
65 89.2 45.9 85.9#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.67 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:165 Resp: 159746

Ion Ratio Lower Upper

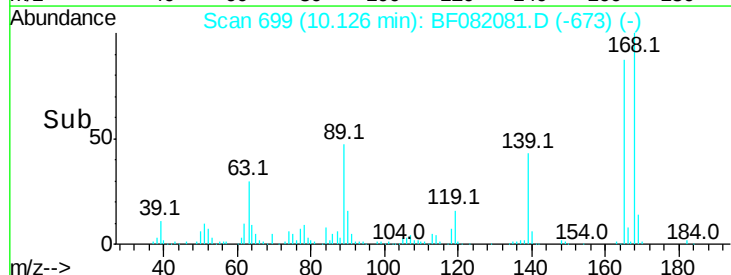
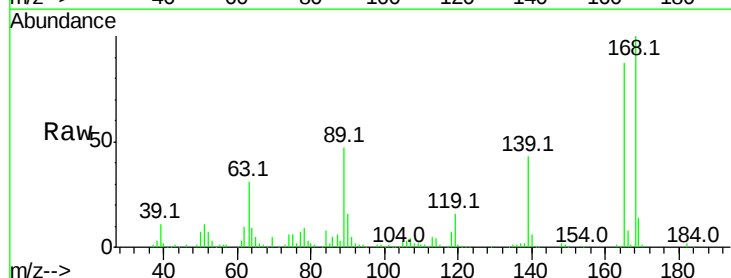
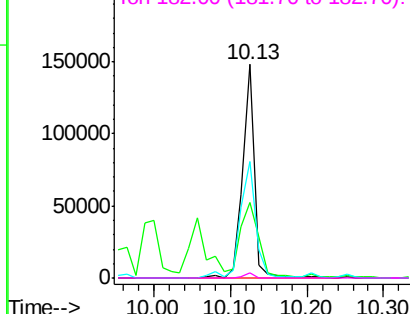
165 100

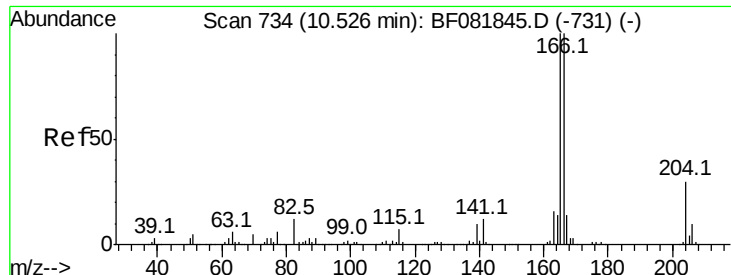
63 35.6 29.8 44.6

89 54.4 44.5 66.7

182 2.4 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.33 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion:166 Resp: 489984

Ion Ratio Lower Upper

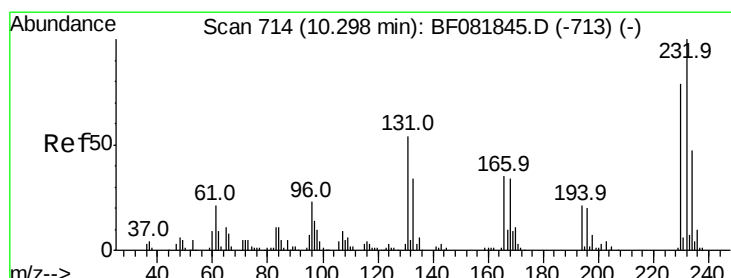
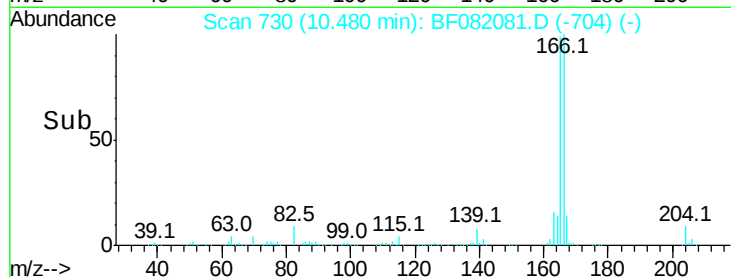
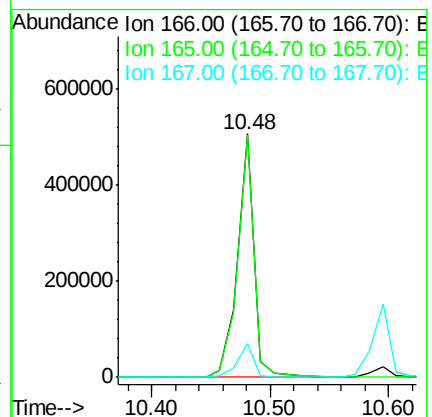
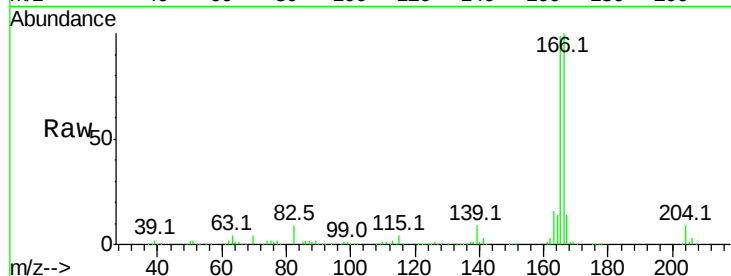
166 100

165 99.5 72.6 109.0

167 13.8 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.61 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:232 Resp: 134892

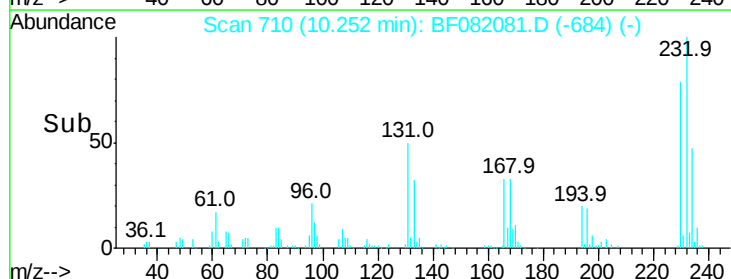
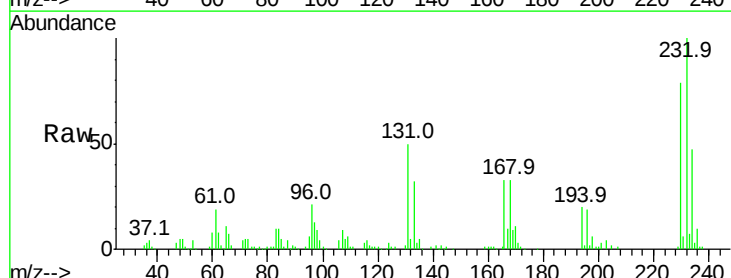
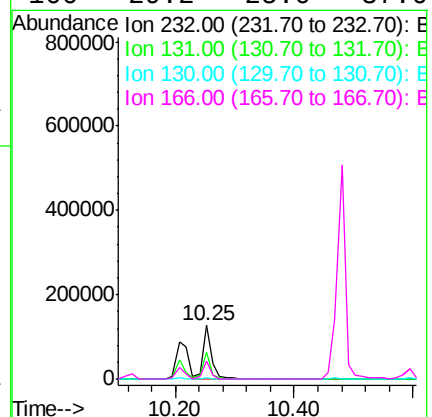
Ion Ratio Lower Upper

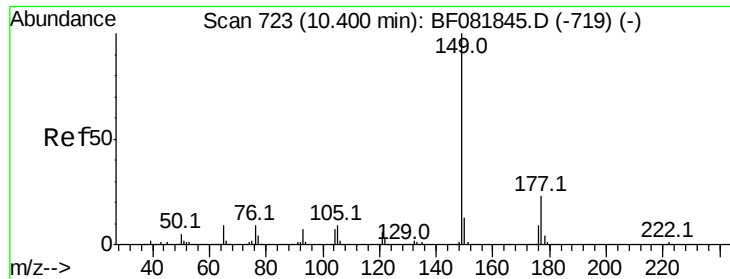
232 100

131 43.8 38.5 57.7

130 2.0 1.8 2.6

166 29.2 25.0 37.6





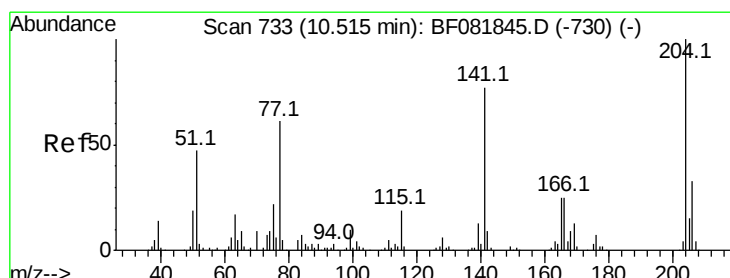
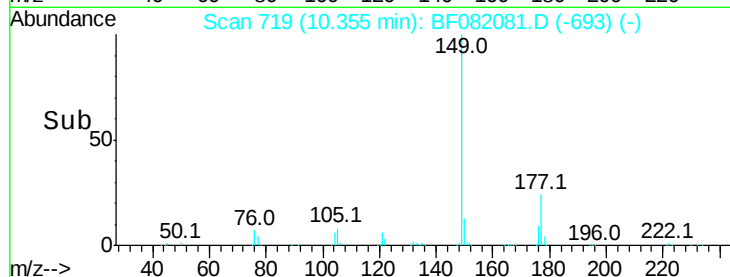
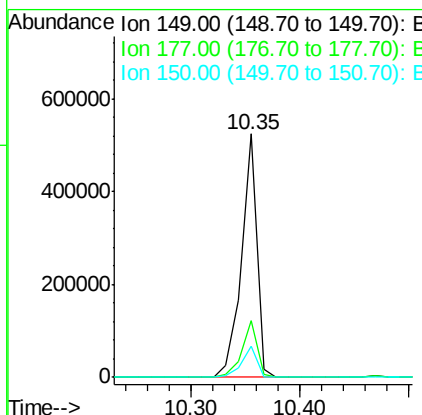
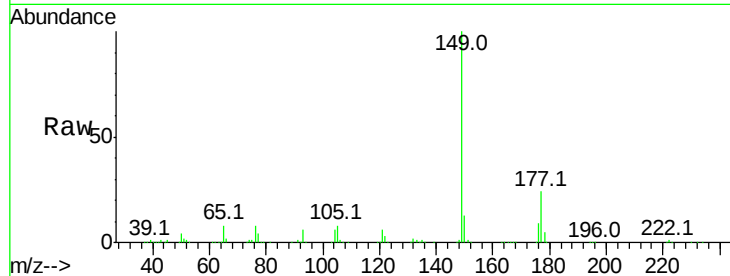
#59
Diethylphthalate
Concen: 47.58 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.5	17.5	26.3	
150	12.7	9.4	14.2	

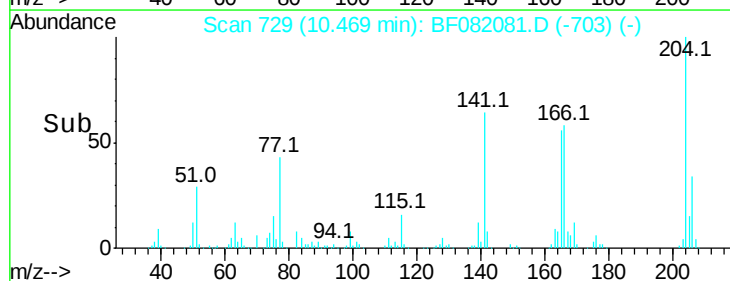
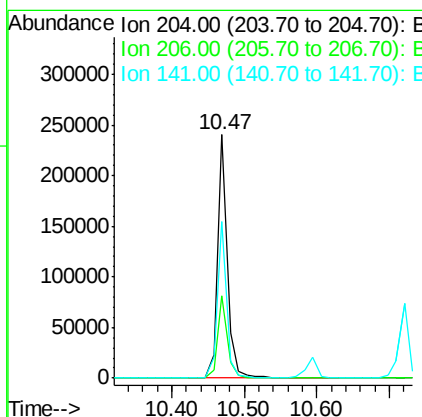
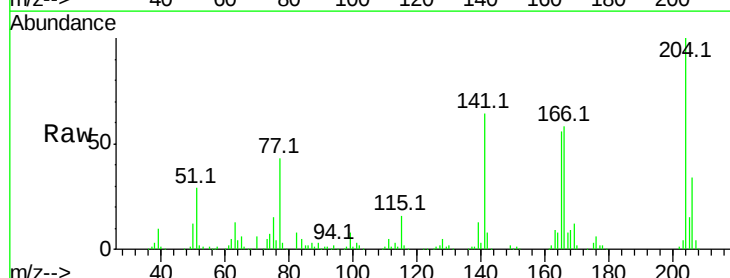
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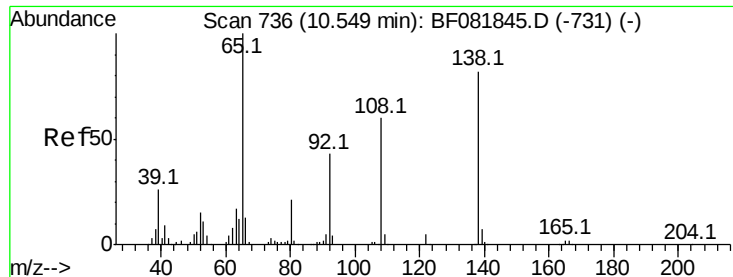
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#60
4-Chlorophenyl-phenylether
Concen: 45.34 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	24.8	37.2	
141	64.2	42.2	63.4	





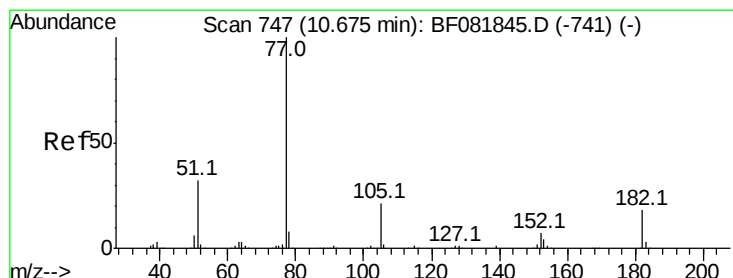
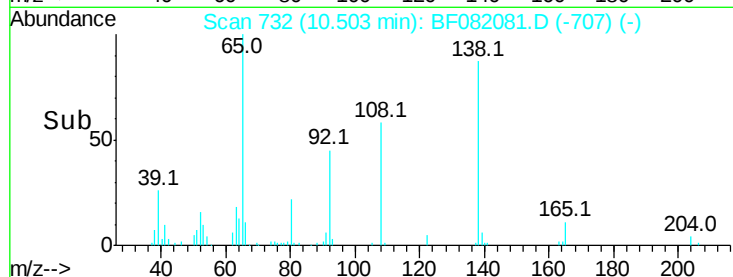
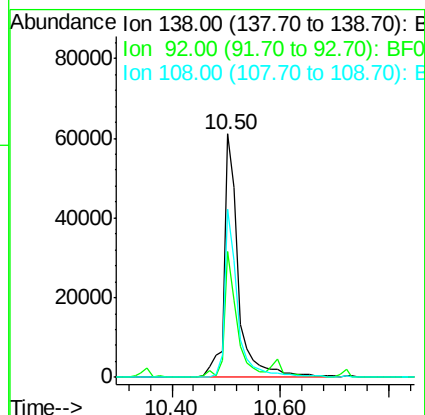
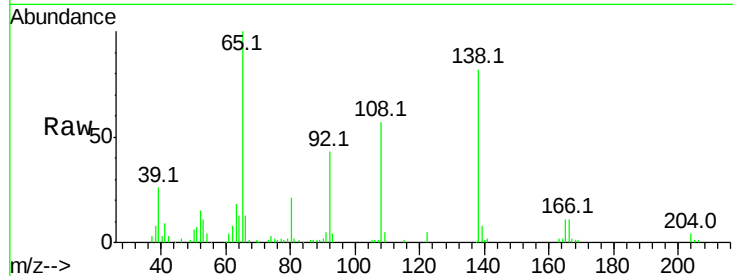
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.8	12.6	52.6	
108	69.2	12.4	52.4	

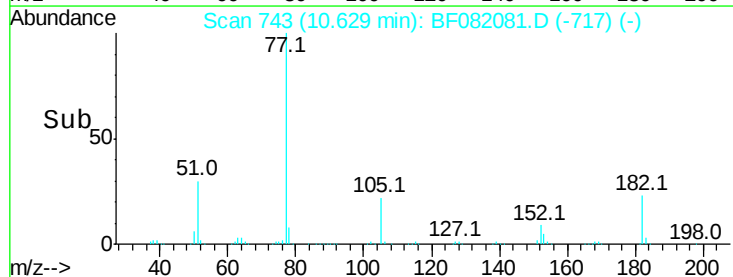
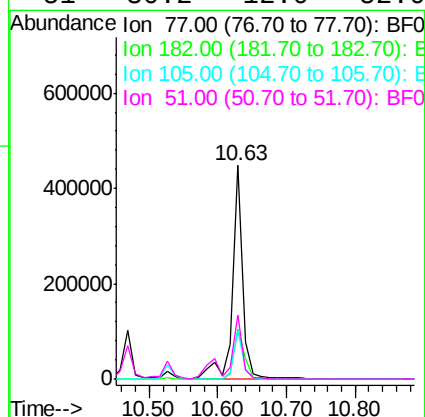
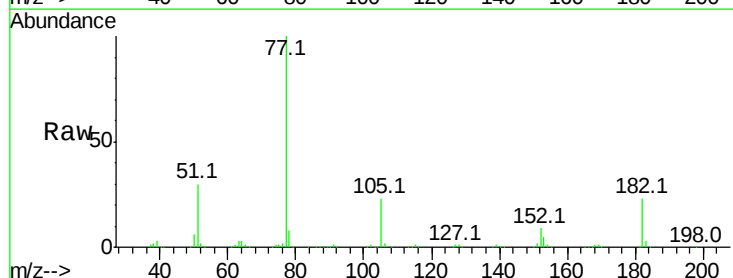
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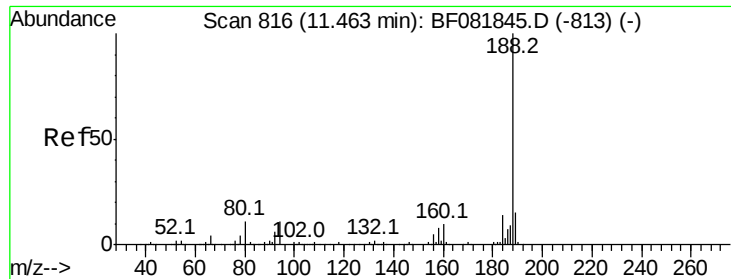
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#62
Azobenzene
Concen: 45.27 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.2	15.1	55.1	
105	22.6	3.4	43.4	
51	30.2	12.0	52.0	





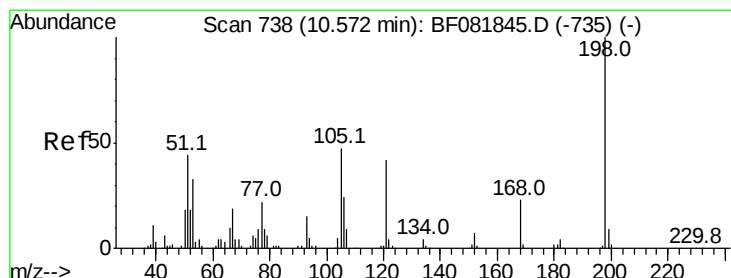
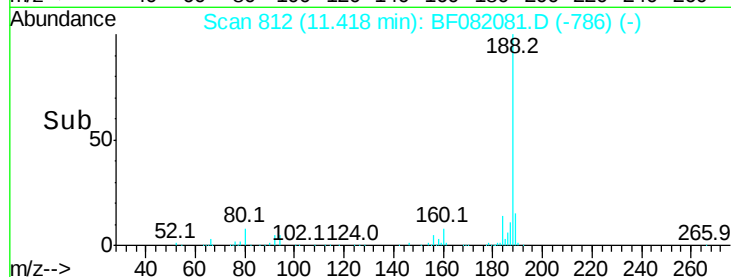
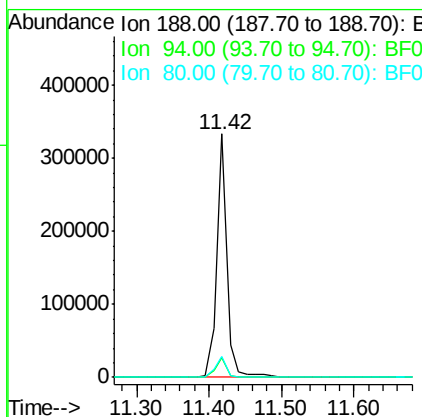
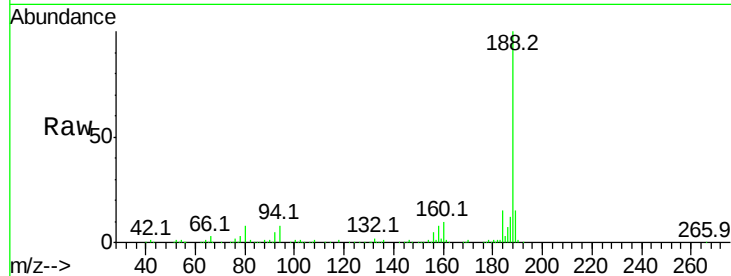
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	11.1	16.7#	
80	8.4	11.0	16.4#	

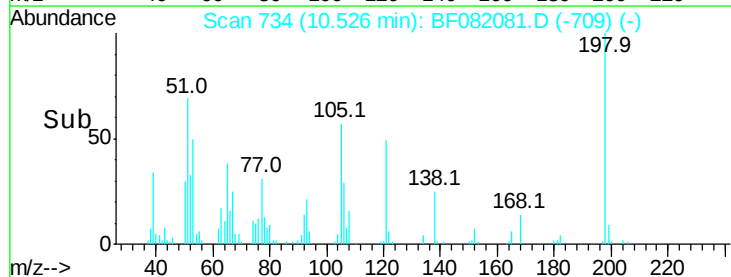
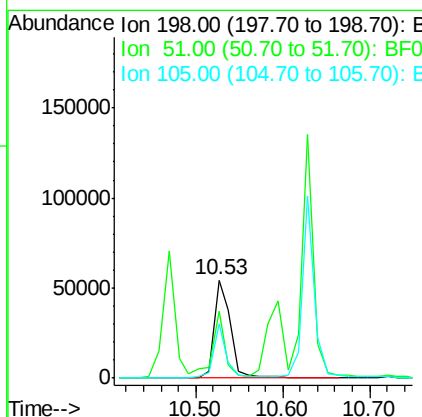
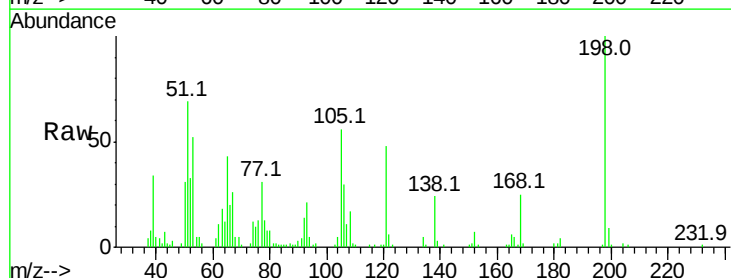
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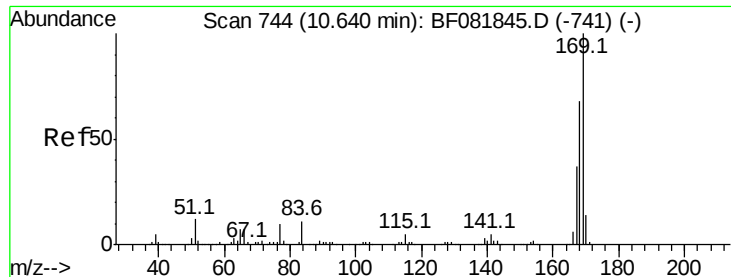
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.93 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	68.9	39.6	79.6	
105	55.9	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 43.88 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion:169 Resp: 432312

Ion Ratio Lower Upper

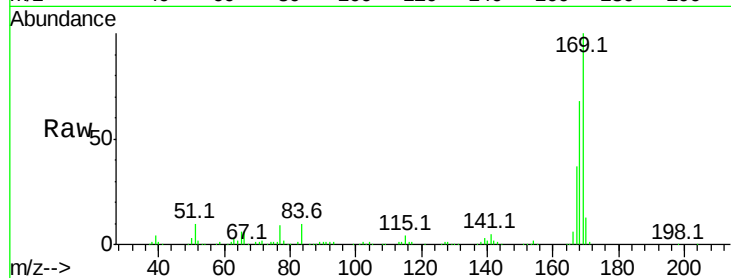
169 100

168 67.6 48.9 73.3

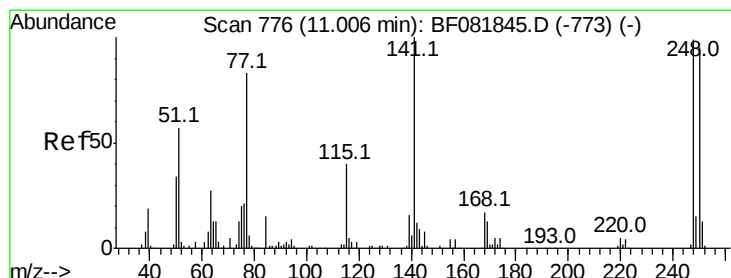
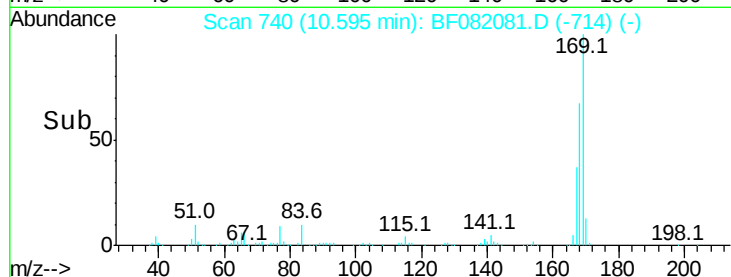
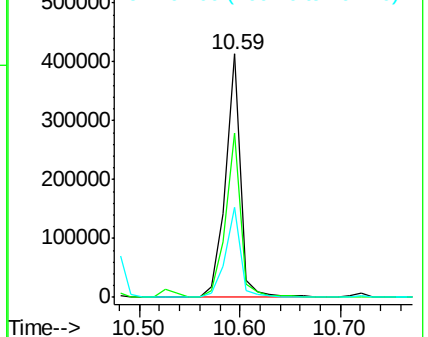
167 37.0 26.2 39.4

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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: 44.99 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

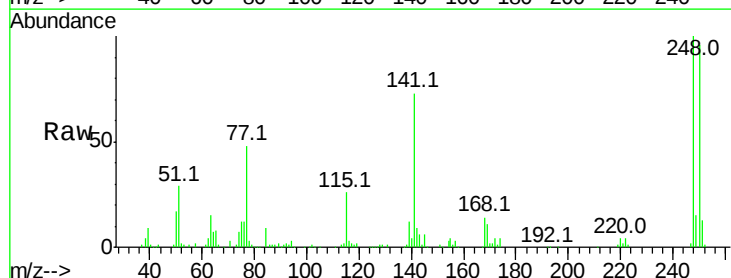
Tgt Ion:248 Resp: 147745

Ion Ratio Lower Upper

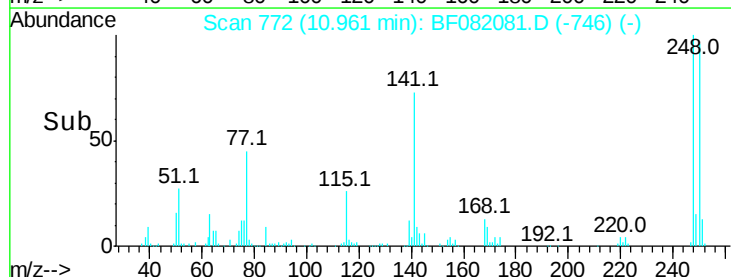
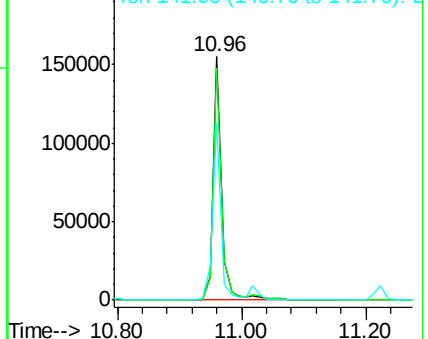
248 100

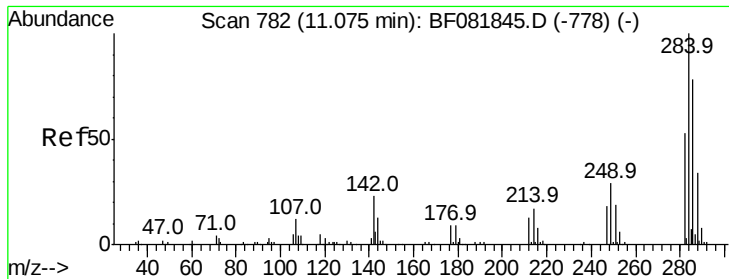
250 95.5 78.5 117.7

141 72.8 59.0 88.6



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: 40.18 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	14.5	29.5	44.3#	
249	28.2	19.5	29.3	

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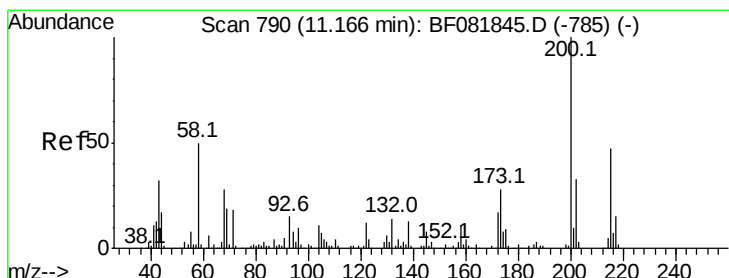
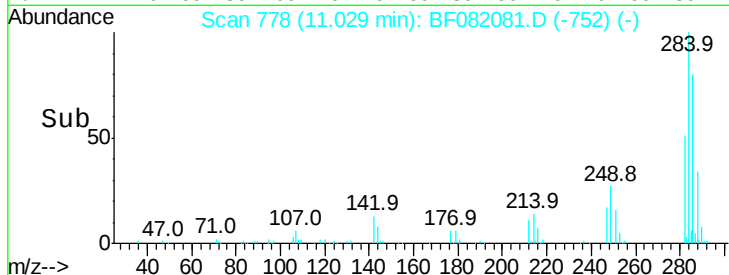
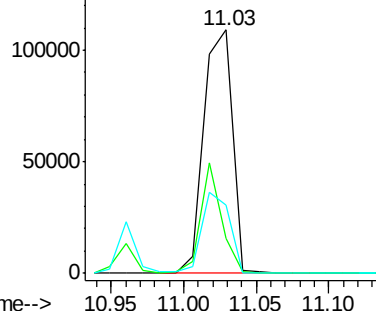
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.88 ng

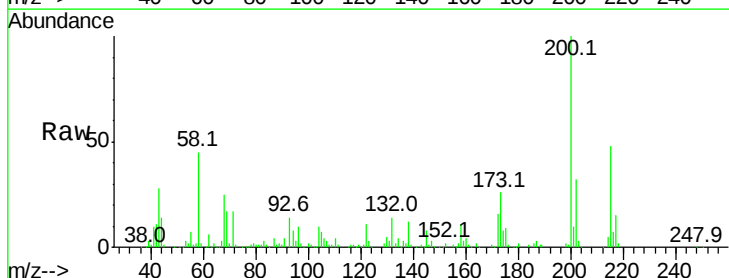
RT: 11.12 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

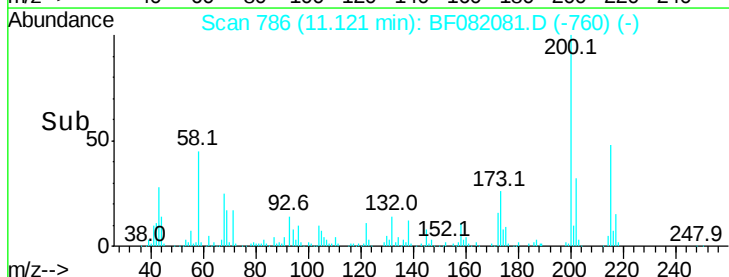
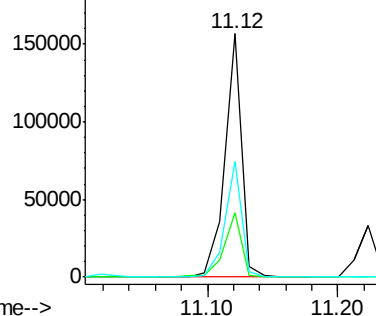
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	13.2	53.2	
215	47.6	41.8	81.8	

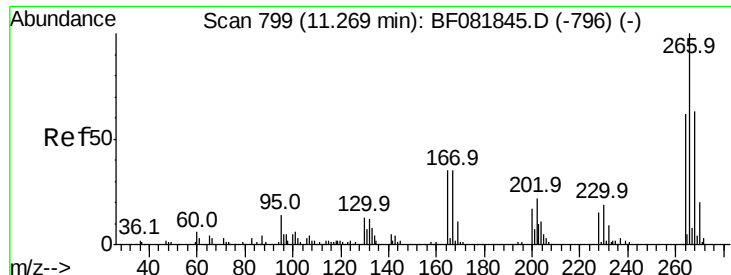


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





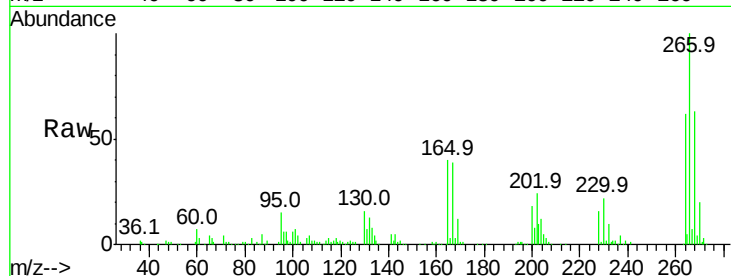
#69
 Pentachlorophenol
 Concen: 82.41 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

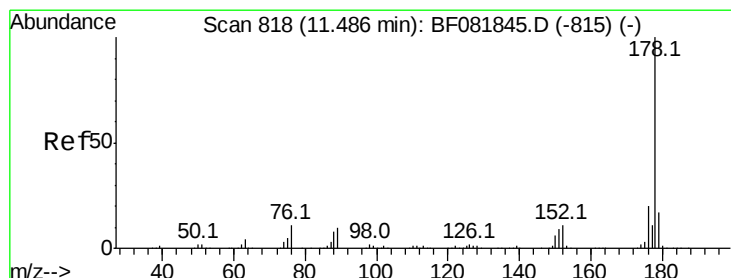
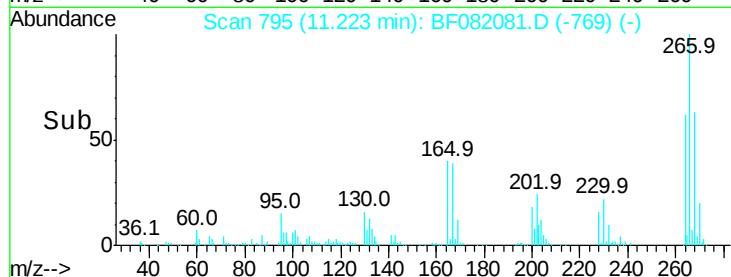
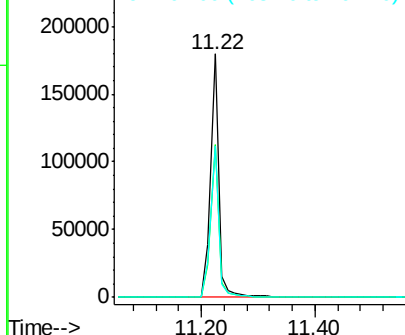
Tot Ion	Ratio	Resp	Lower	Upper
266	100	174017		
268	62.5	49.8	74.6	
264	62.3	50.2	75.2	

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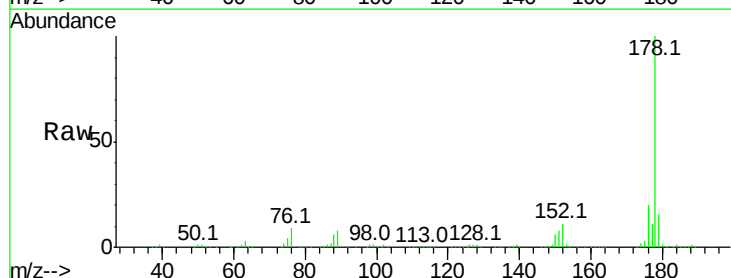


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

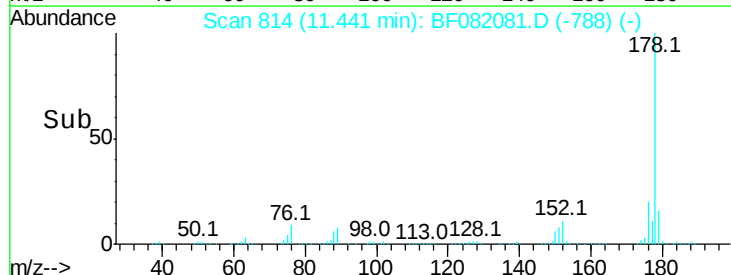
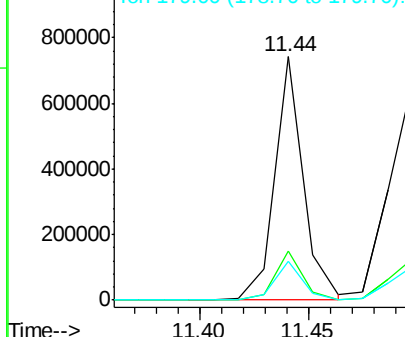


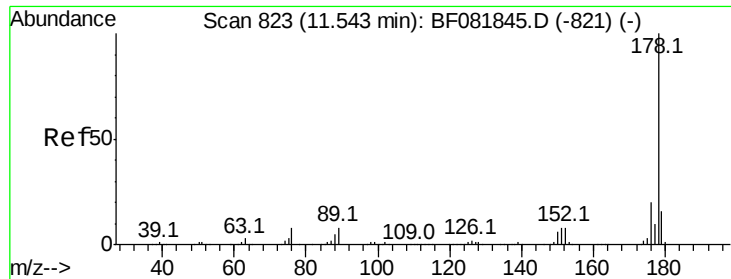
#70
 Phenanthrene
 Concen: 43.46 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	681982		
176	20.2	13.8	20.8	
179	15.9	12.2	18.2	



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





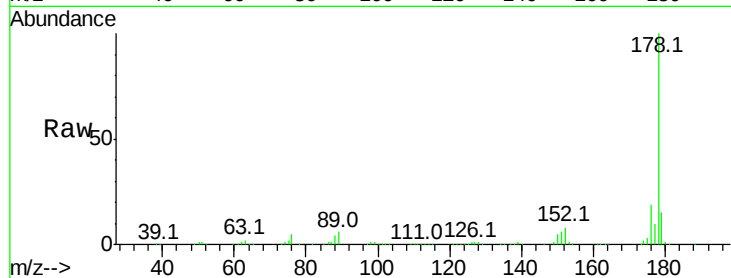
#71
 Anthracene
 Concen: 47.39 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

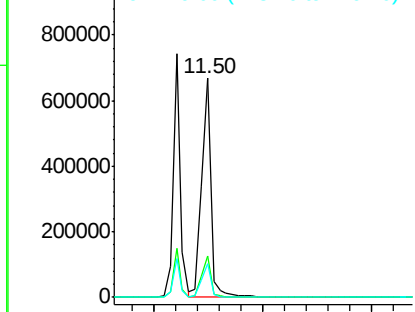
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	15.4	12.2	18.2

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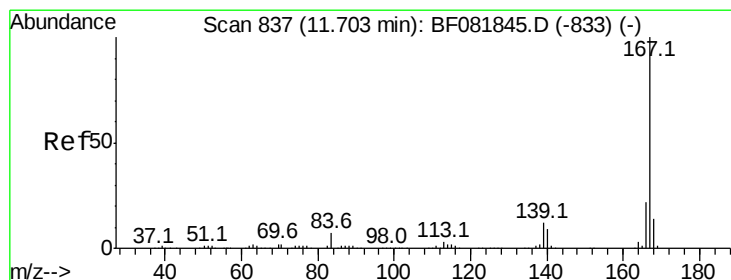
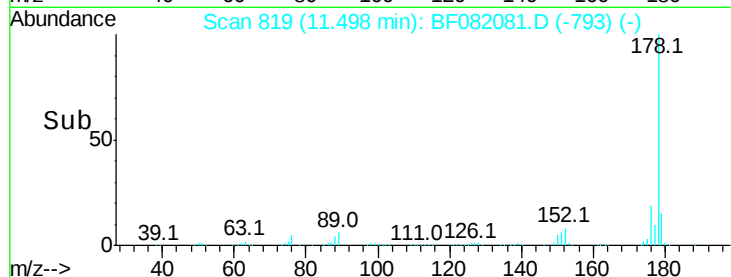
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

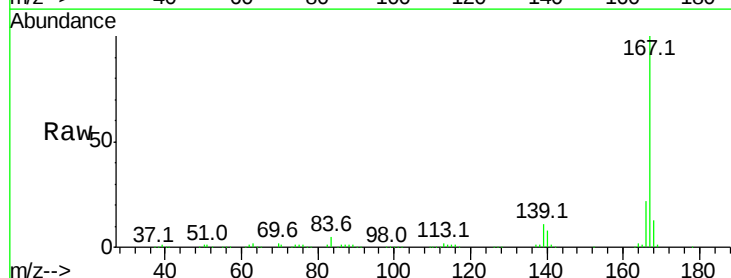


Time-->

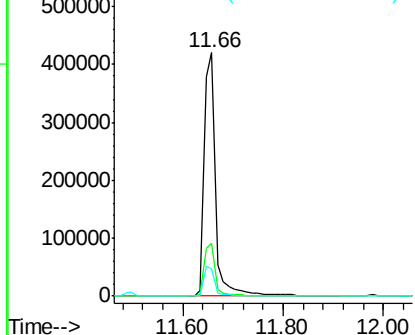


#72
 Carbazole
 Concen: 44.35 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

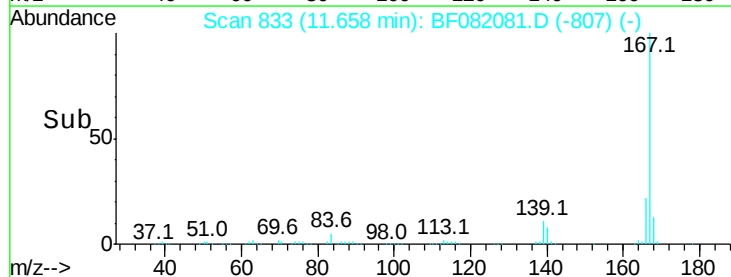
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	15.7	23.5
139	11.0	9.5	14.3

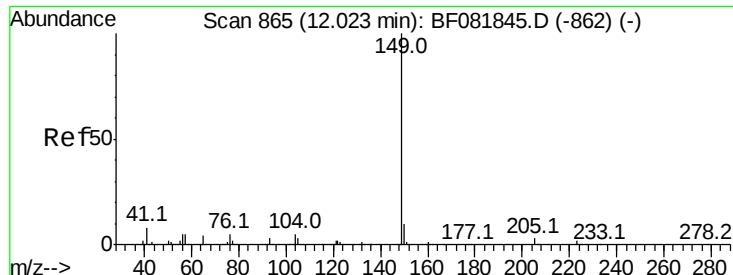


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 52.52 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

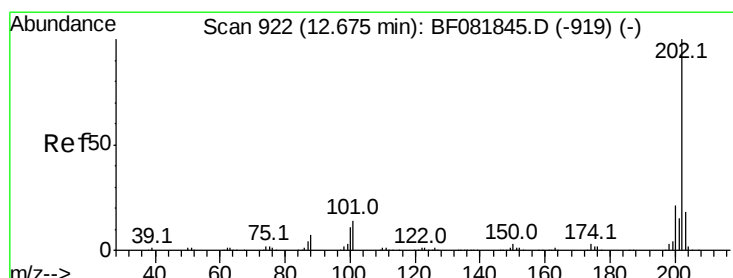
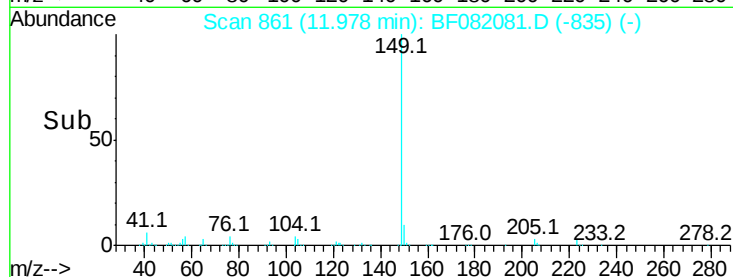
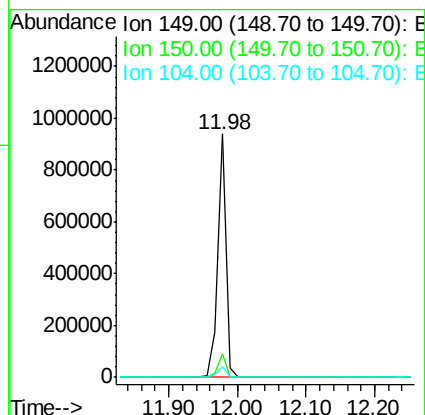
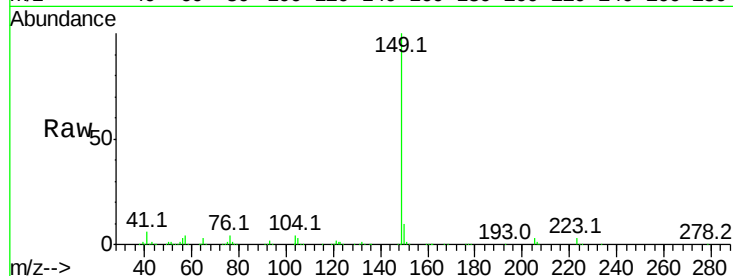
ClientSampleId :

PB85911BS

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Tot Ion:	149	Resp:	797878
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.4	2.4	3.6#



#74

Fluoranthene

Concen: 42.36 ng

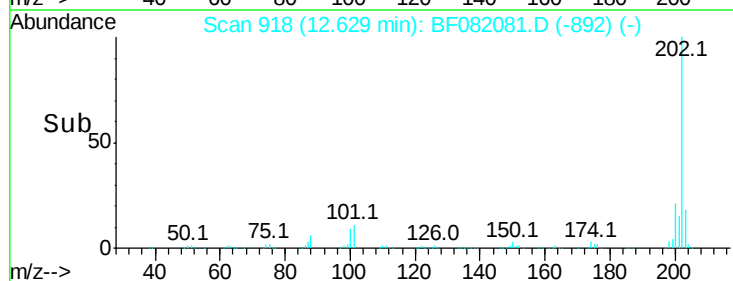
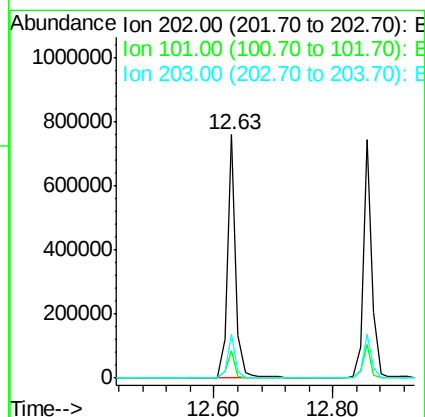
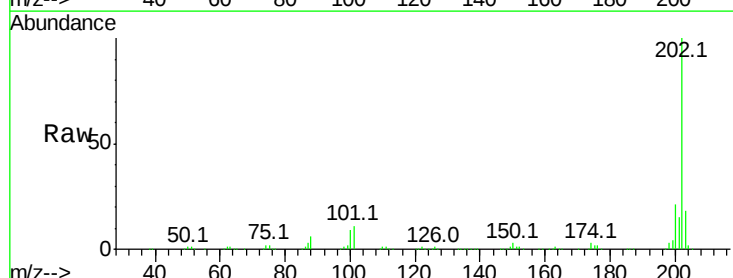
RT: 12.63 min Scan# 918

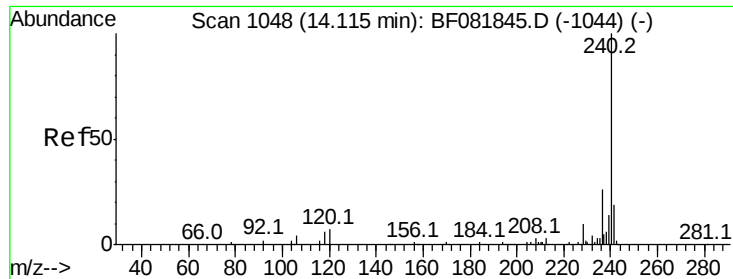
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:	202	Resp:	738998
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	38.3
203	18.1	0.0	37.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

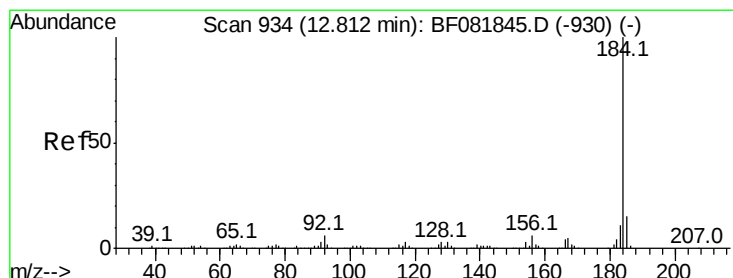
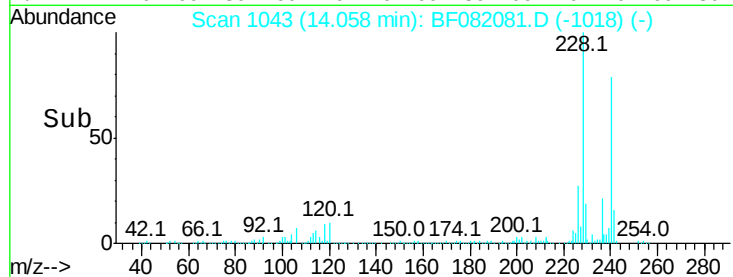
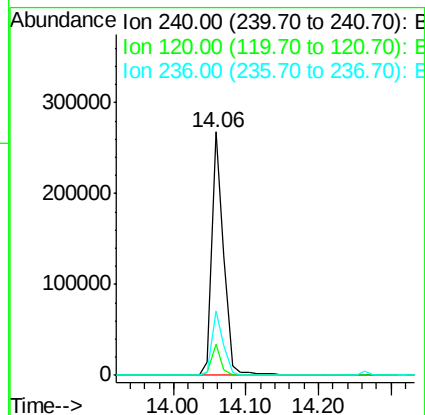
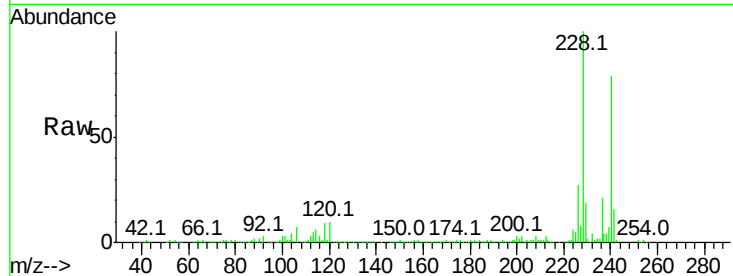
ClientSampleId :

PB85911BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	16.2	24.2#
236	26.5	18.4	27.6

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#76

Benzidine

Concen: 29.05 ng

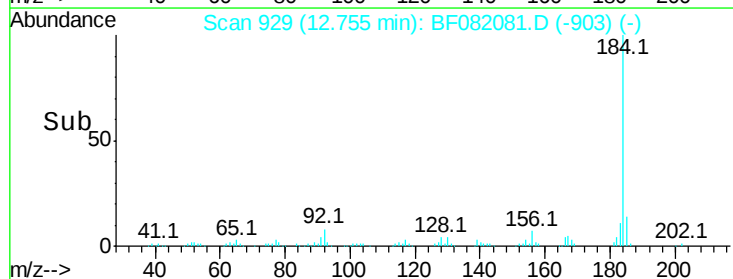
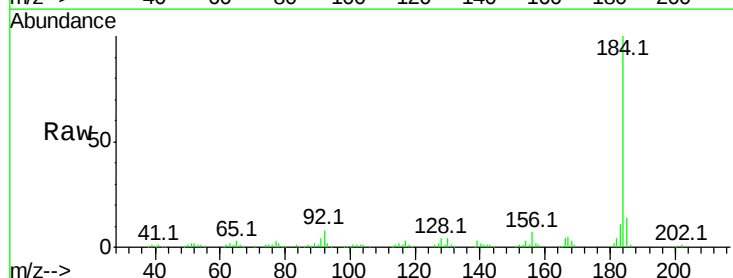
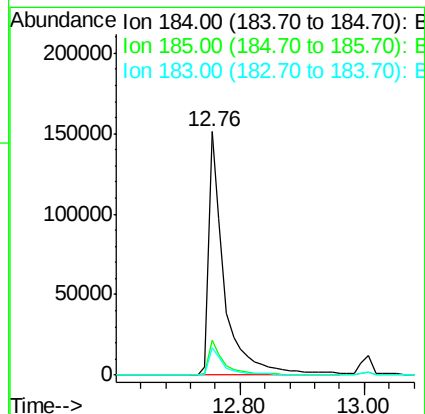
RT: 12.76 min Scan# 929

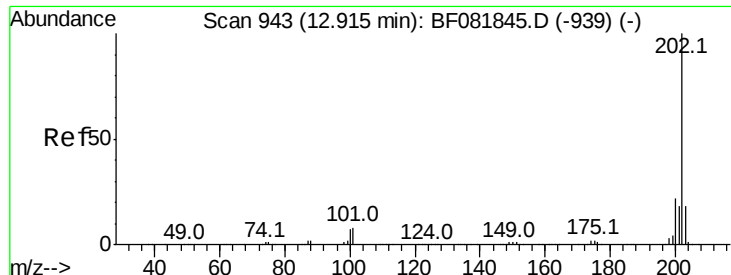
Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.2	7.6	11.4





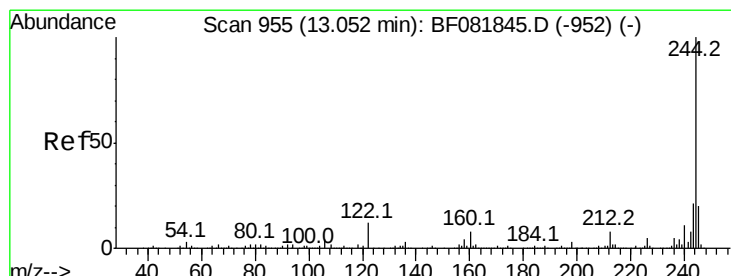
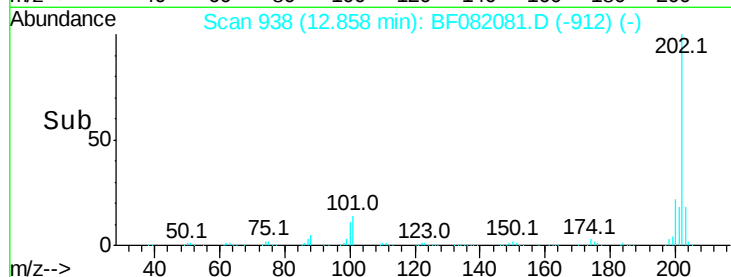
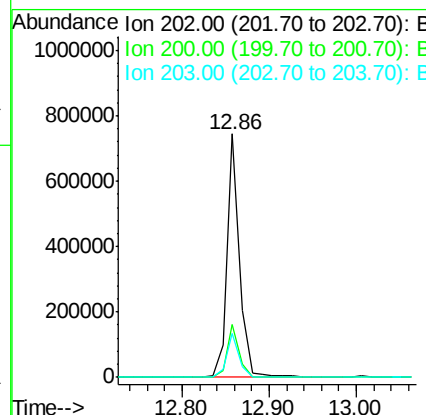
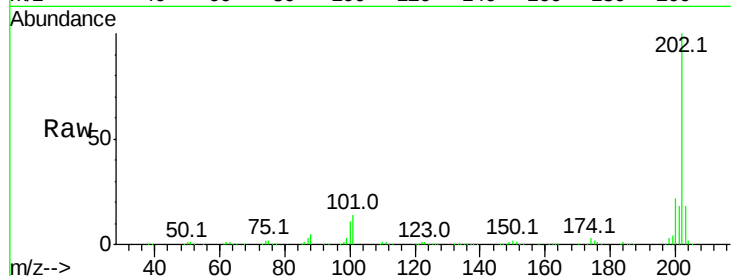
#77
Pvrene
Concen: 41.11 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.2	14.1	21.1

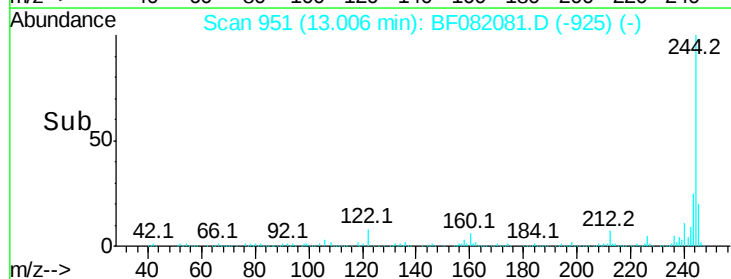
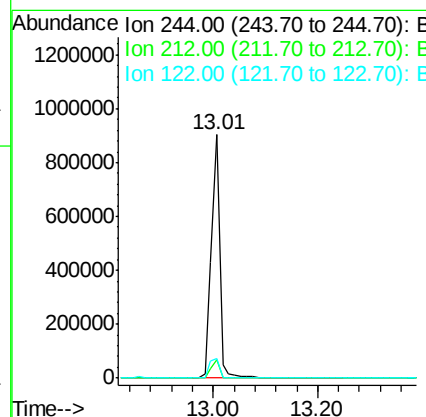
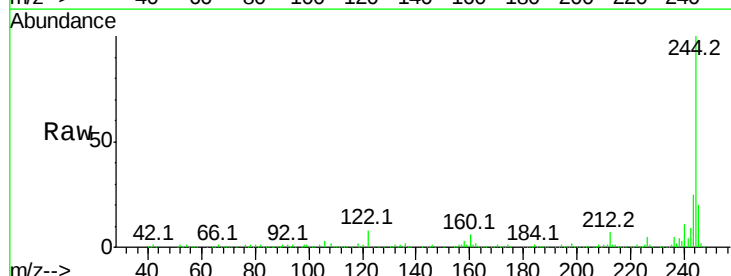
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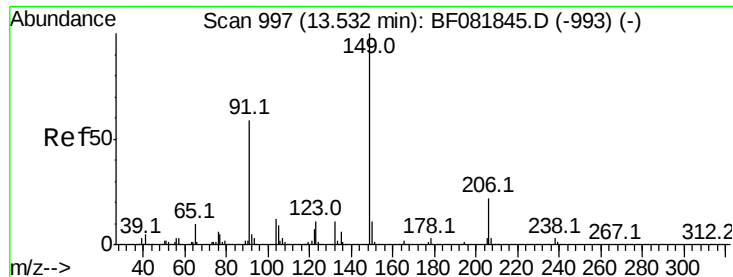
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#78
Terphenyl-d14
Concen: 120.96 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	8.1	17.4	26.2#





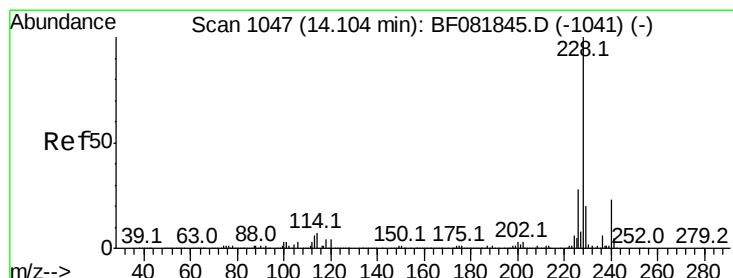
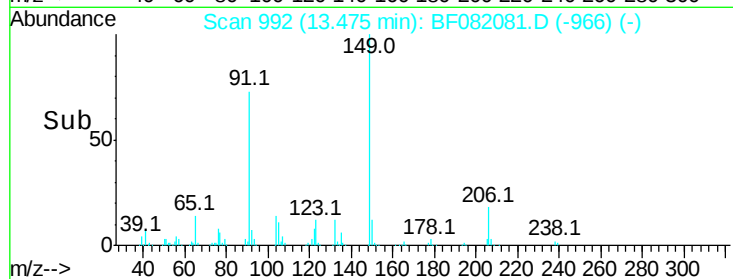
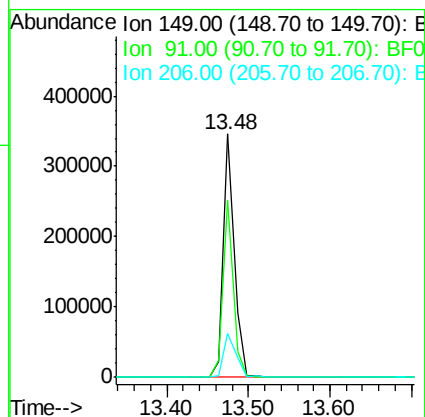
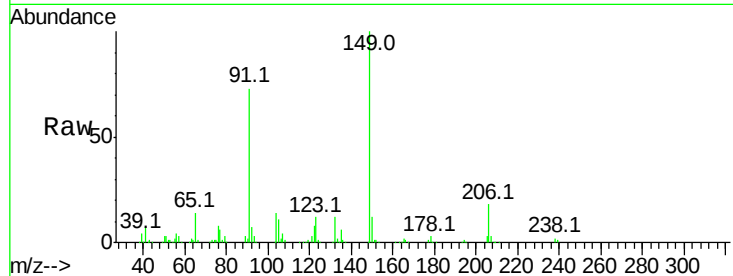
#79
Butylbenzylphthalate
Concen: 47.44 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	322337		
91	72.7	48.6	72.8	
206	18.1	14.9	22.3	

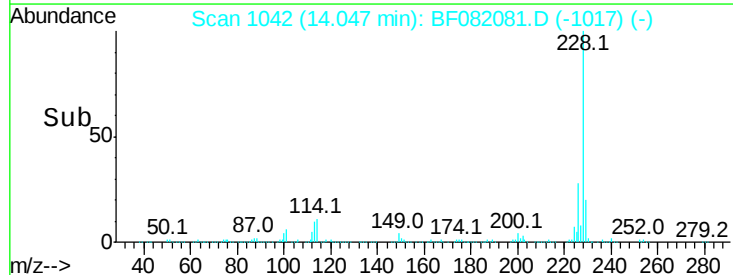
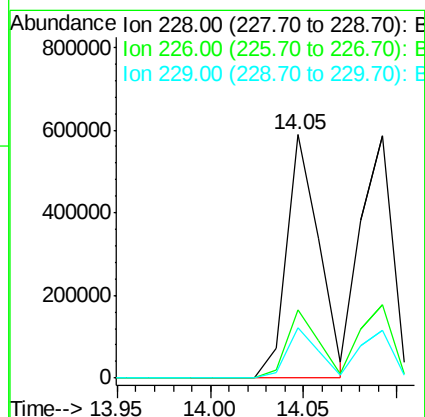
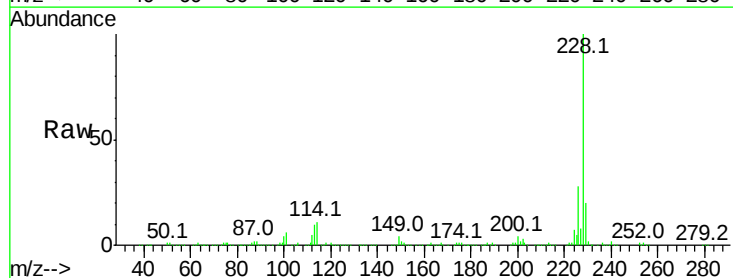
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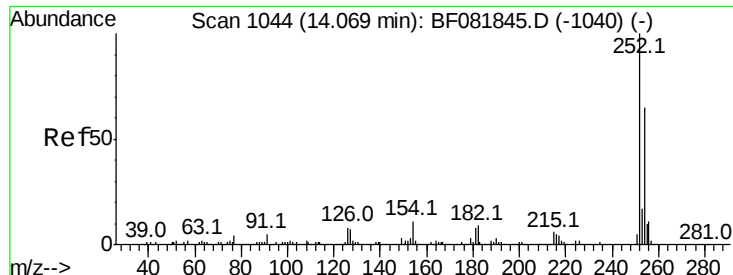
mmdadoda
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#80
Benzo(a)anthracene
Concen: 43.75 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	712036		
226	28.3	20.0	30.0	
229	20.5	15.4	23.2	





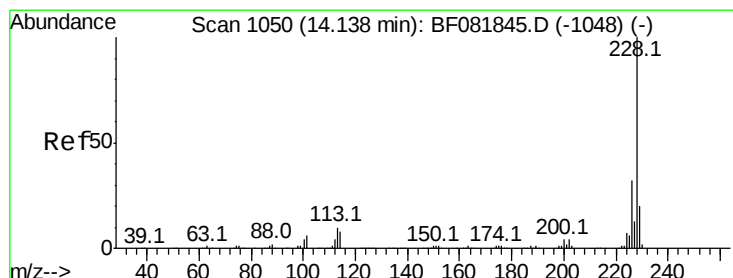
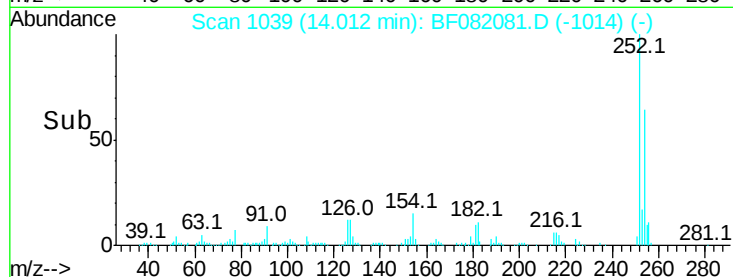
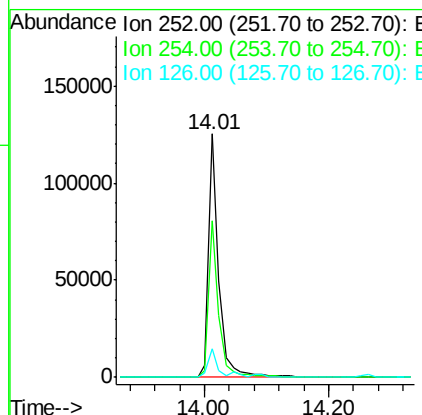
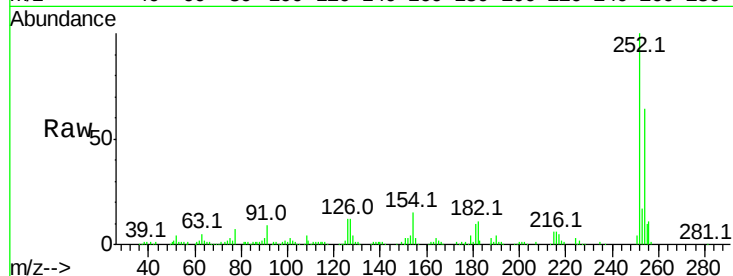
#81
 3,3'-Dichlorobenzidine
 Concen: 26.22 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.4	77.2
126	12.0	16.4	24.6

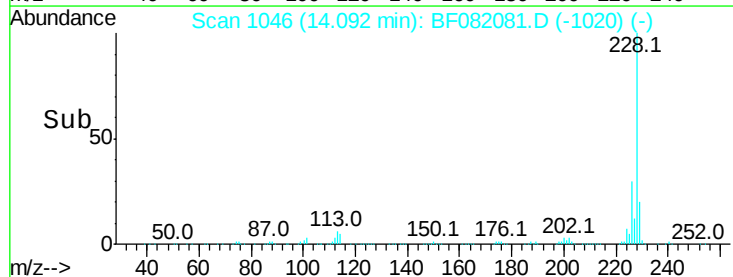
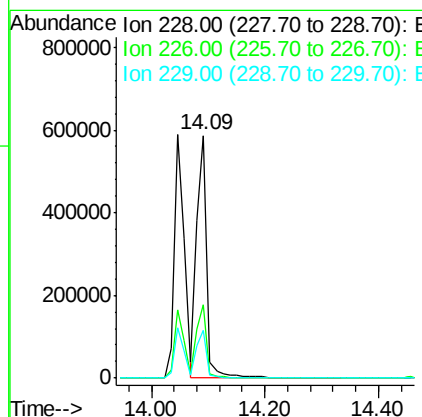
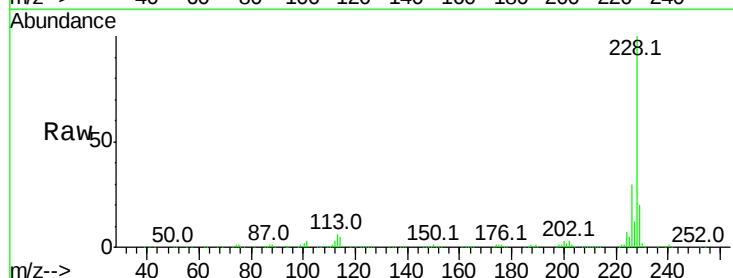
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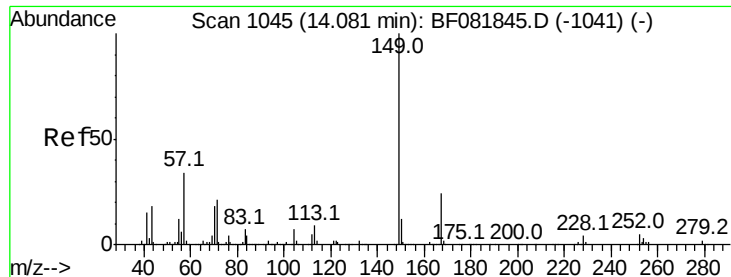
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#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	21.0	31.4
229	19.6	15.6	23.4





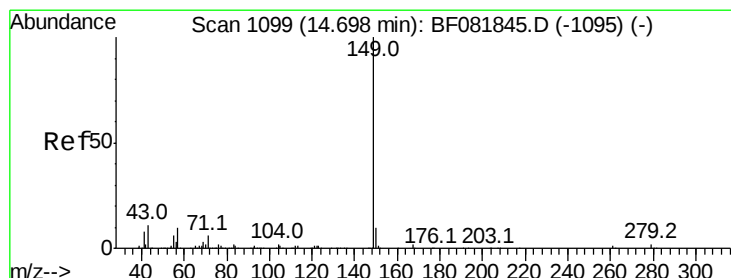
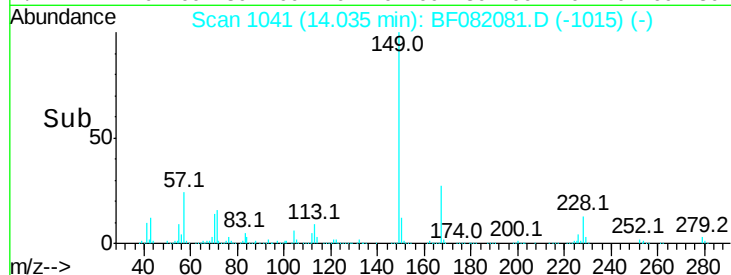
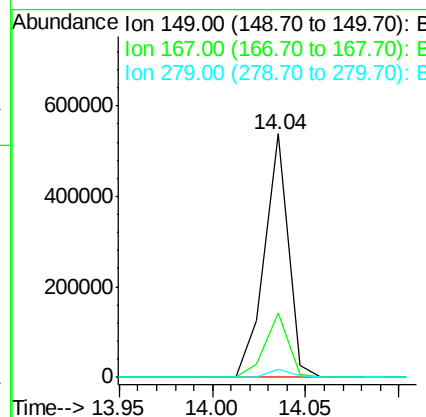
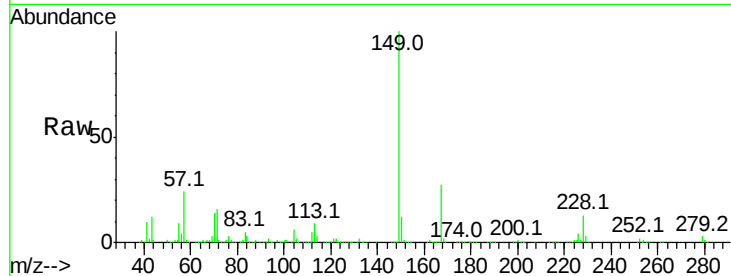
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.91 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	476541		
167	26.5	24.2	36.2	
279	3.2	3.8	5.6	

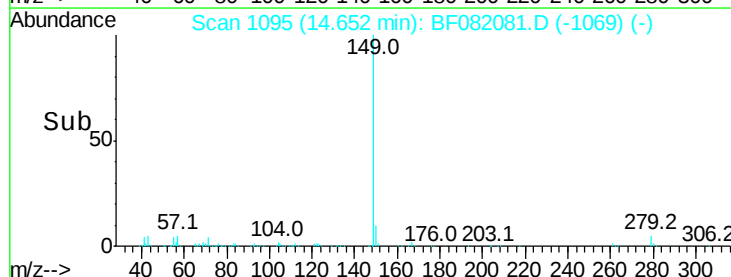
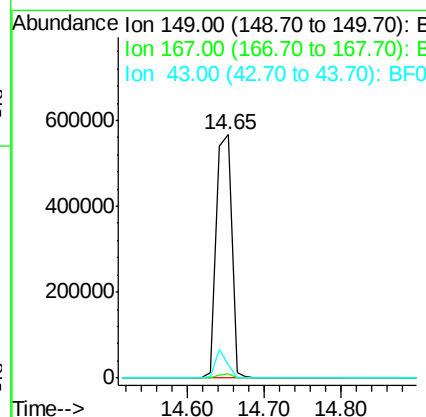
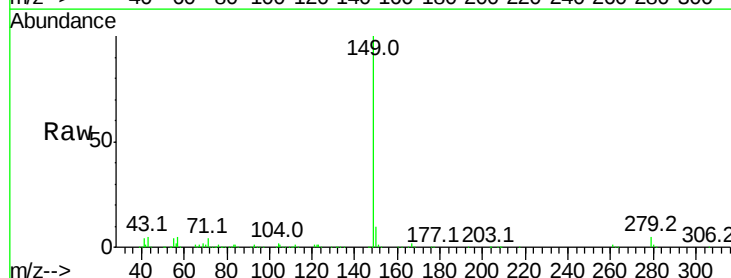
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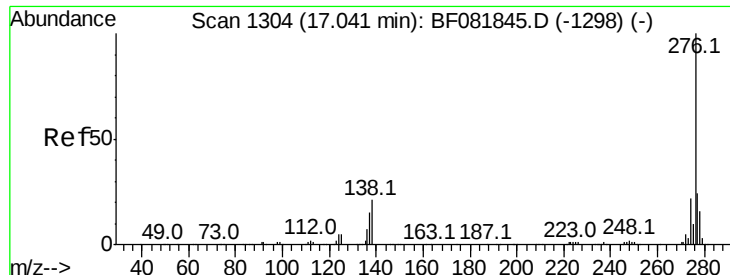
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#84
 Di-n-octyl phthalate
 Concen: 56.45 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	782972		
167	1.5	1.0	1.6	
43	8.9	10.2	15.2	





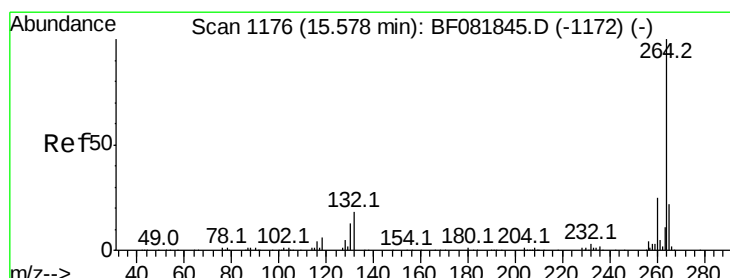
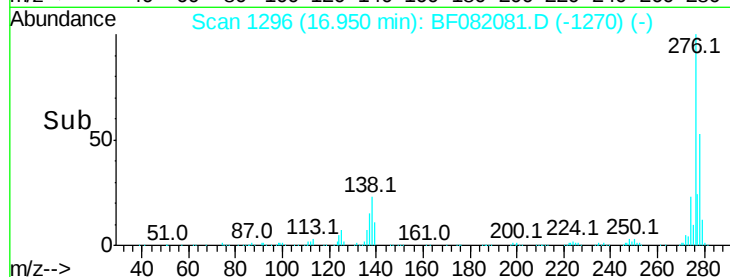
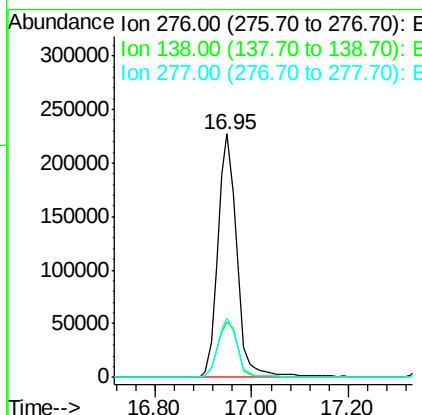
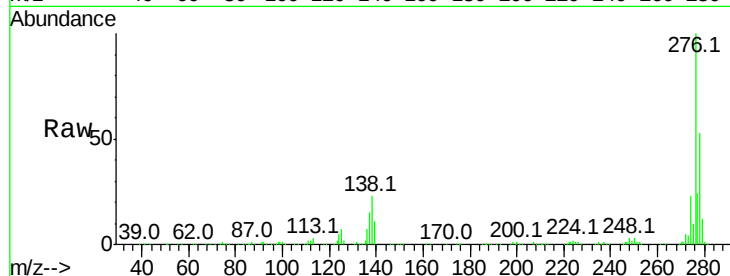
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.42 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	629184		
138	24.0		25.7	38.5#
277	24.8		15.6	23.4#

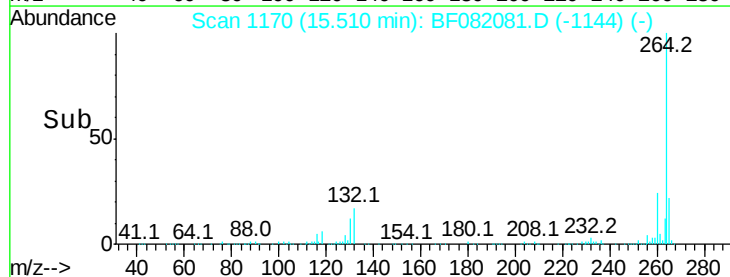
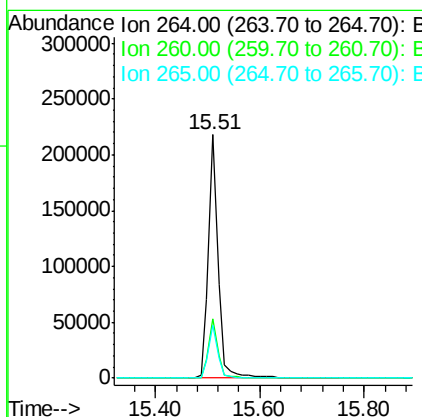
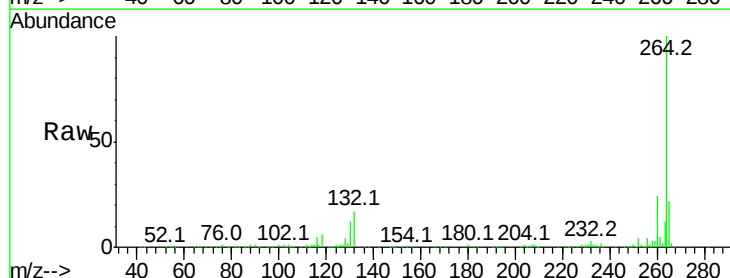
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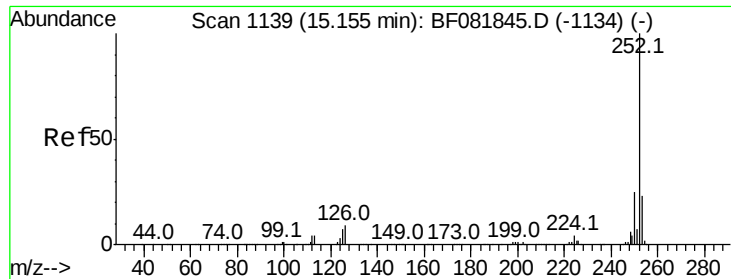
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	284405		
260	24.3		16.7	25.1
265	21.9		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.58 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

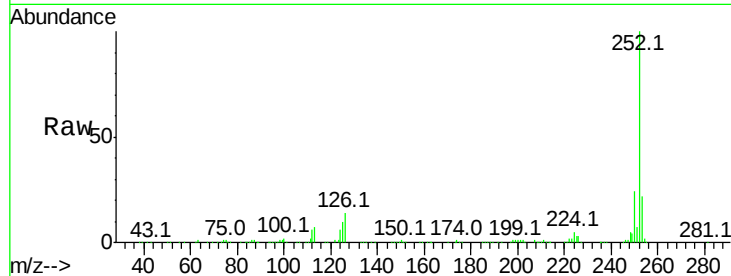
ClientSampleId :

PB85911BS

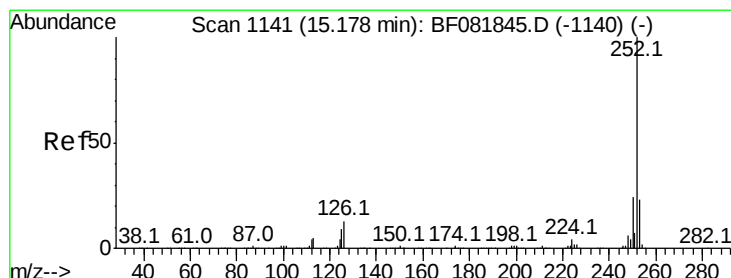
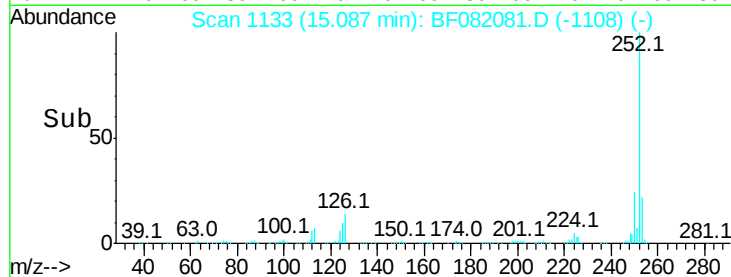
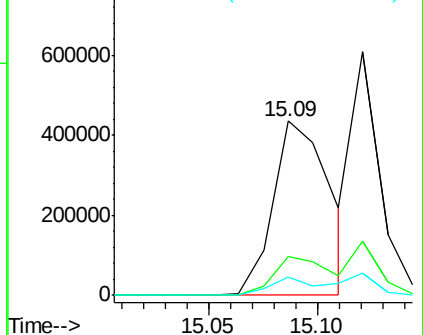
Tot Ion	Ratio	Resp	Lower	Upper
252	100	788898		
253	22.4	17.5	26.3	
125	10.4	17.1	25.7	

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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



#88

Benzo(k)fluoranthene

Concen: 38.39 ng m

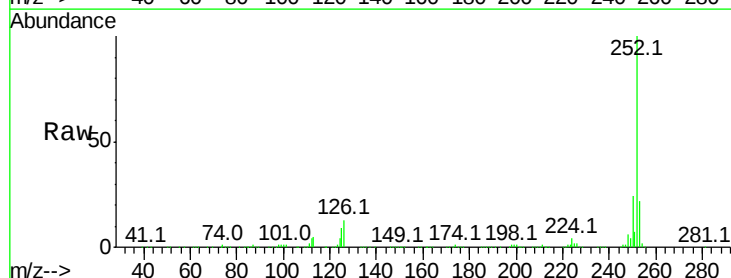
RT: 15.12 min Scan# 1136

Delta R.T. -0.00 min

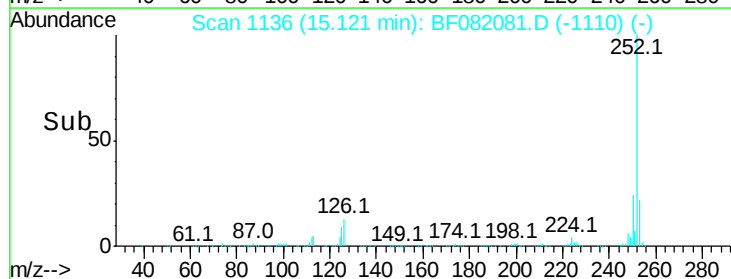
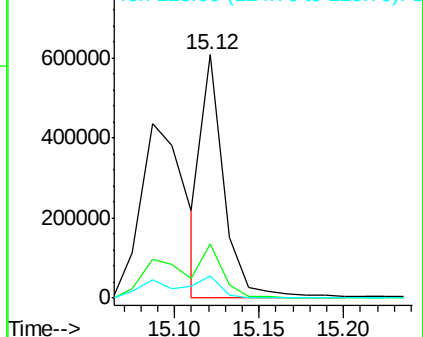
Lab File: BF082081.D

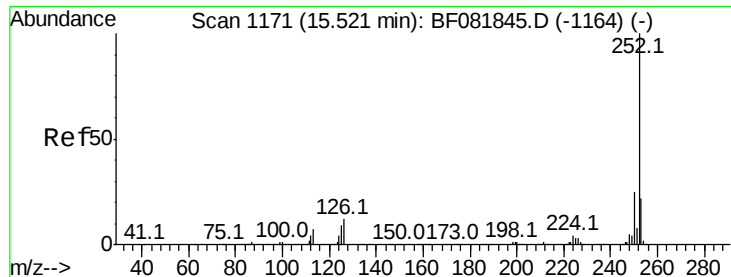
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	571324		
253	22.3	17.0	25.4	
125	9.3	16.0	24.0	



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





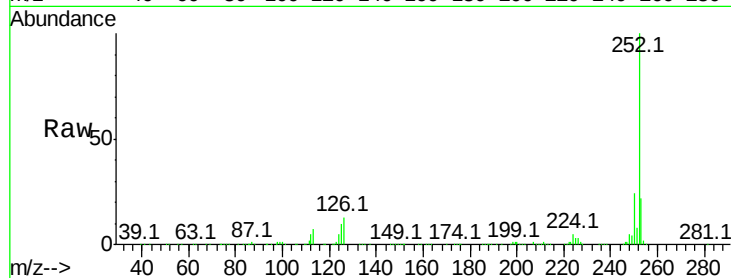
#89
Benzo(a)pyrene
Concen: 46.97 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

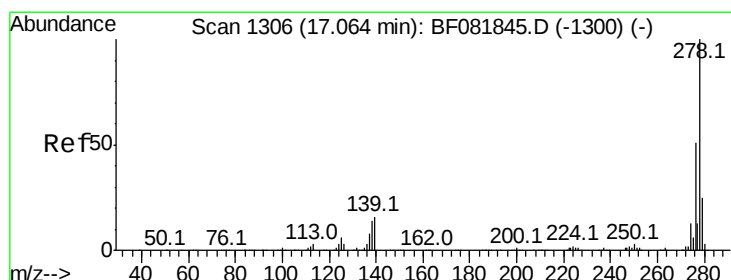
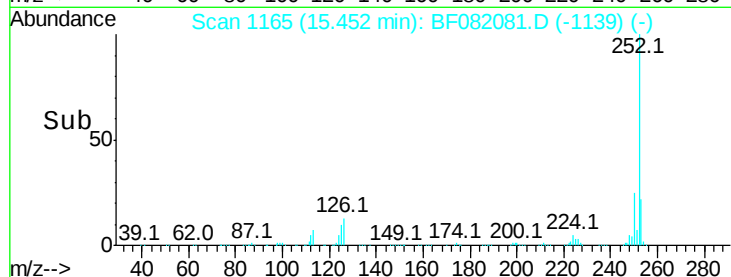
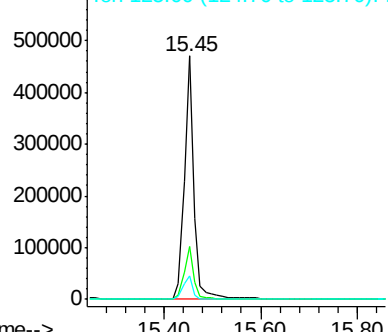
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.6	18.0	27.0

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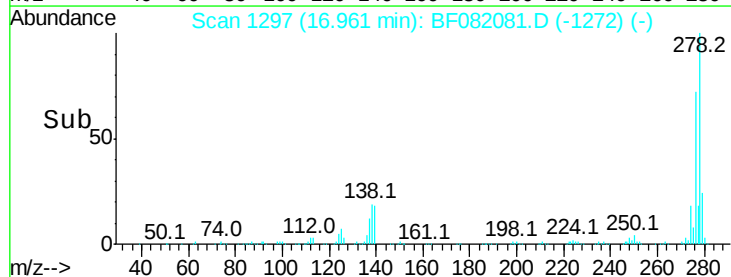
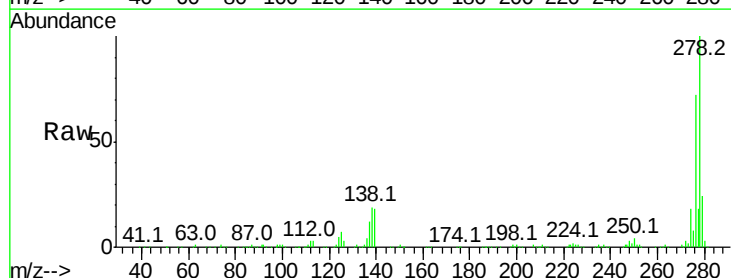
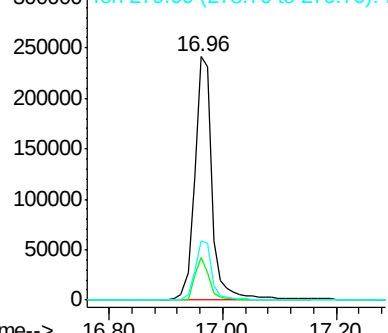
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

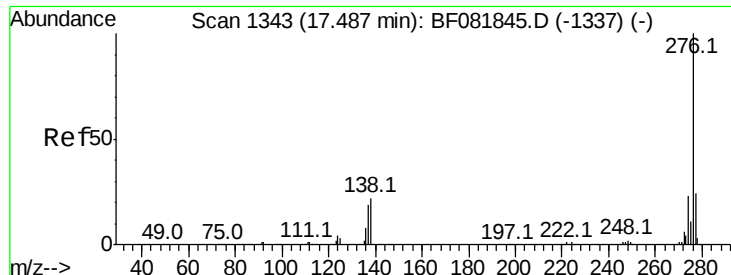


#90
Dibenzo(a,h)anthracene
Concen: 43.87 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	26.3	39.5
279	24.3	18.2	27.4

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(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	17.8	26.6
138	21.1	34.6	51.8#

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