

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082462.D
 Acq On : 22 Oct 2015 23:25
 Operator : UM/IZ
 Sample : G4119-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:29 PM

Quant Time: Oct 23 03:53:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87540	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	346126	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	160763	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	257349	20.00	ng	0.00
75) Chrysene-d12	13.97	240	196352	20.00	ng	-0.03
86) Perylene-d12	15.44	264	174542	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	694658	160.15	ng	0.01
7) Phenol-d6	6.42	99	935927	165.81	ng	0.00
23) Nitrobenzene-d5	7.34	82	552654	107.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	177561	117.77	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1106684	114.16	ng	-0.01
78) Terphenyl-d14	12.89	244	889590	120.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	91997	42.21	ng	98
3) Pyridine	3.04	79	258836	51.07	ng	97
4) n-Nitrosodimethylamine	3.01	42	115849	53.89	ng	99
6) Aniline	6.43	93	261125	35.88	ng	# 24
8) 2-Chlorophenol	6.56	128	275362	52.00	ng	99
9) Benzaldehyde	6.31	77	125102	43.40	ng	99
10) Phenol	6.45	94	301497	46.33	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	248884	45.22	ng	91
12) 1,3-Dichlorobenzene	6.70	146	311068	50.44	ng	95
13) 1,4-Dichlorobenzene	6.78	146	314683	48.86	ng	96
14) 1,2-Dichlorobenzene	6.94	146	308082m	50.38	ng	
15) Benzyl Alcohol	6.93	79	237343	60.91	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	394218	51.44	ng	63
17) 2-Methylphenol	7.04	107	214023	51.11	ng	# 90
18) Hexachloroethane	7.27	117	100891	45.77	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	187978	47.42	ng	# 86
20) 3+4-Methylphenols	7.20	107	287461	57.61	ng	# 60
22) Acetophenone	7.19	105	389671	56.91	ng	# 84
24) Nitrobenzene	7.36	77	300528	53.87	ng	94
25) Isophorone	7.60	82	541630	52.07	ng	97
26) 2-Nitrophenol	7.68	139	152829	54.86	ng	# 89
27) 2,4-Dimethylphenol	7.73	122	275245	61.33	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	326925	54.01	ng	99
29) 2,4-Dichlorophenol	7.92	162	242886	54.14	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	269908	52.19	ng	98
31) Naphthalene	8.08	128	818818	54.57	ng	99
32) Benzoic acid	7.85	122	78773	26.15	ng	98
33) 4-Chloroaniline	8.14	127	133760	21.47	ng	96
34) Hexachlorobutadiene	8.19	225	150874	46.82	ng	96
35) Caprolactam	8.51	113	70497	54.14	ng	# 78
36) 4-Chloro-3-methylphenol	8.64	107	266008	60.63	ng	92
37) 2-Methylnaphthalene	8.77	142	515008	49.51	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	279014	58.35	ng	98
40) Hexachlorocyclopentadiene	8.91	237	60010	30.53	ng	98

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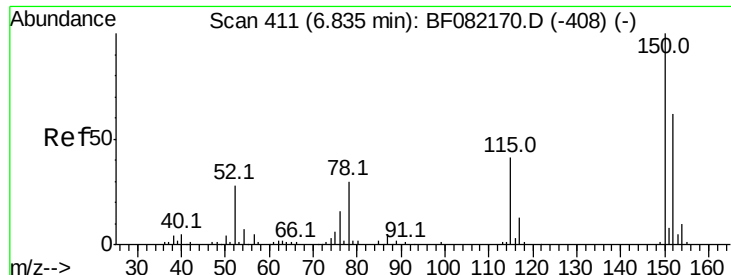
Manual Integrations
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 10/23/2015 4:45:29 PM

Quant Time: Oct 23 03:53:08 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	181245	57.07	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	186201	54.12	nq	99
45) 1,1'-Biphenyl	9.23	154	620685	50.63	nq	98
46) 2-Chloronaphthalene	9.26	162	495124	51.31	nq #	94
47) 2-Nitroaniline	9.37	65	159718	60.28	nq #	69
48) Acenaphthylene	9.68	152	802354	53.37	nq	99
49) Dimethylphthalate	9.54	163	897187	79.25	nq	100
50) 2,6-Dinitrotoluene	9.61	165	129404	54.17	nq #	82
51) Acenaphthene	9.85	154	467903	51.85	nq	99
52) 3-Nitroaniline	9.78	138	95281	35.31	nq	98
53) 2,4-Dinitrophenol	9.90	184	30755	27.59	nq	94
54) Dibenzofuran	10.02	168	714795	57.69	nq	96
55) 4-Nitrophenol	9.97	139	148225	79.64	nq #	82
56) 2,4-Dinitrotoluene	10.01	165	156828	52.53	nq #	71
57) Fluorene	10.37	166	560992	55.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	141294	50.26	nq	96
59) Diethylphthalate	10.24	149	561563	53.22	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	257999	55.34	nq	95
61) 4-Nitroaniline	10.40	138	120718	46.13	nq	99
62) Azobenzene	10.51	77	557908	54.02	nq	96
64) 4,6-Dinitro-2-methylphenol	10.42	198	39742	27.52	nq #	66
65) n-Nitrosodiphenylamine	10.48	169	486638	63.16	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	156195	60.65	nq	97
67) Hexachlorobenzene	10.90	284	143801	51.63	nq #	62
68) Atrazine	11.01	200	150209	61.53	nq	98
69) Pentachlorophenol	11.11	266	142896	99.70	nq	98
70) Phenanthrene	11.33	178	756896	60.00	nq	100
71) Anthracene	11.37	178	735416	56.58	nq	99
72) Carbazole	11.54	167	679019	57.26	nq	97
73) Di-n-butylphthalate	11.86	149	802137	54.84	nq	100
74) Fluoranthene	12.52	202	696996	51.45	nq	100
76) Benzidine	12.65	184	400674	70.42	nq	97
77) Pyrene	12.74	202	715519	61.40	nq	99
79) Butylbenzylphthalate	13.37	149	329775	62.01	nq #	84
80) Benzo(a)anthracene	13.96	228	552164	54.05	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	214803	55.39	nq #	98
82) Chrysene	13.99	228	538554	50.03	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	458549	60.44	nq	100
84) Di-n-octyl phthalate	14.60	149	729207	55.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	433983	50.72	nq	97
87) Benzo(b)fluoranthene	15.03	252	604140m	56.89	nq	
88) Benzo(k)fluoranthene	15.06	252	427945m	47.95	nq	
89) Benzo(a)pyrene	15.38	252	473488	51.88	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	372787	49.85	nq	99
91) Benzo(g,h,i)perylene	17.25	276	350204	48.20	nq	98

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



#1

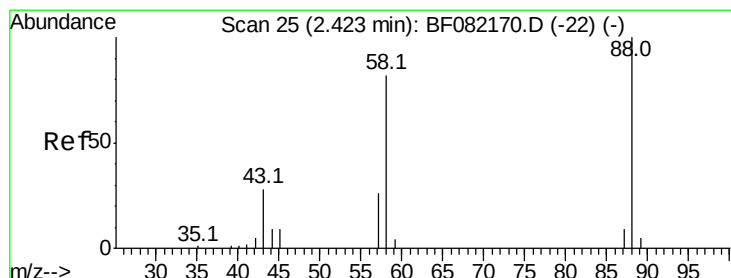
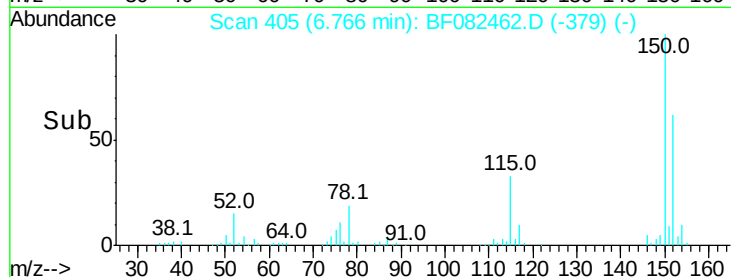
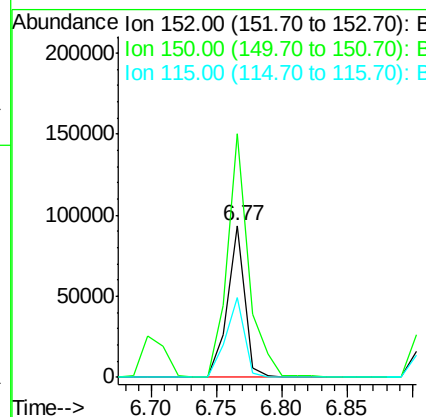
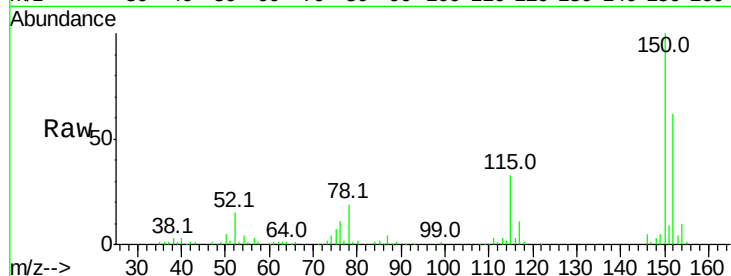
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Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	129.0	193.4
115	52.1	52.1	78.1

Manual Integrations
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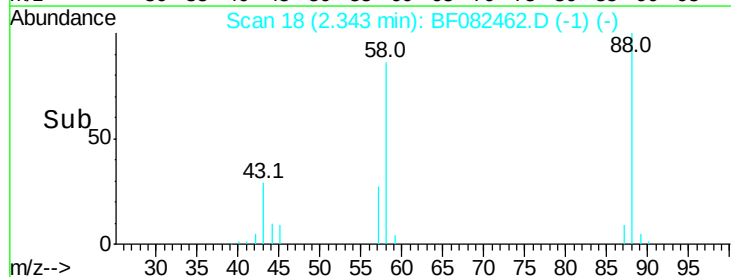
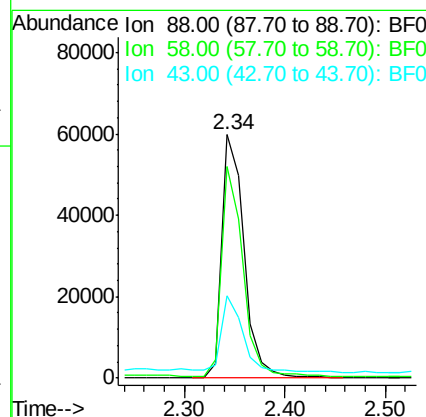
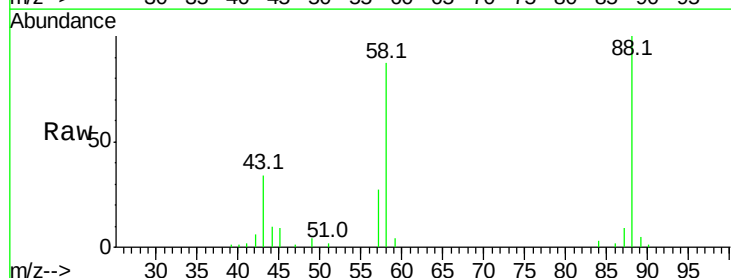
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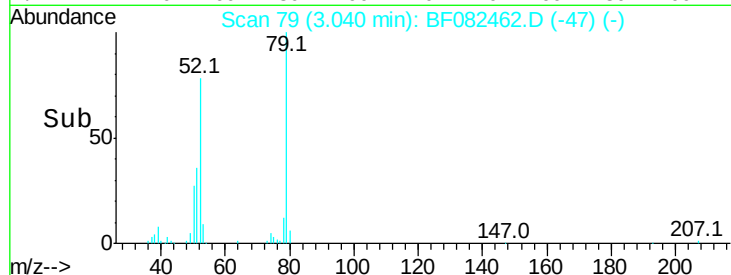
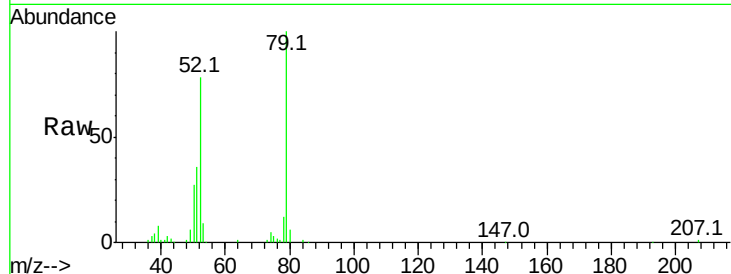
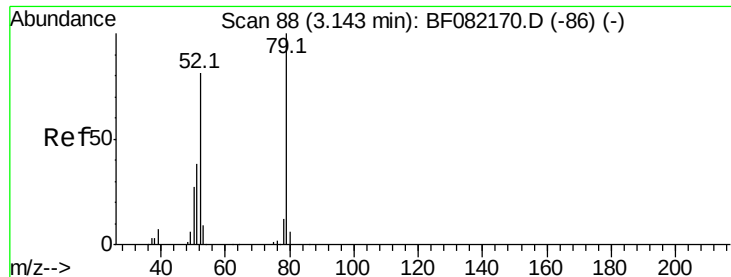


#2

1,4-Dioxane
Concen: 42.21 ng
RT: 2.34 min Scan# 18
Delta R.T. 0.07 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	66.2	99.4
43	30.9	23.0	34.4





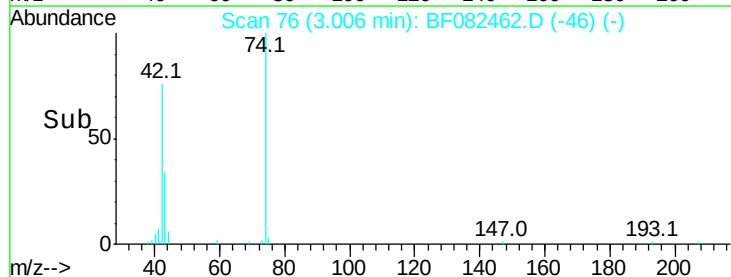
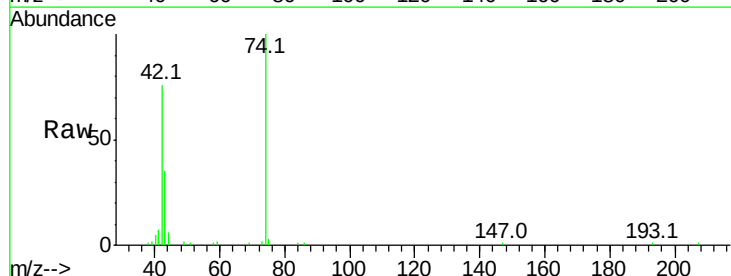
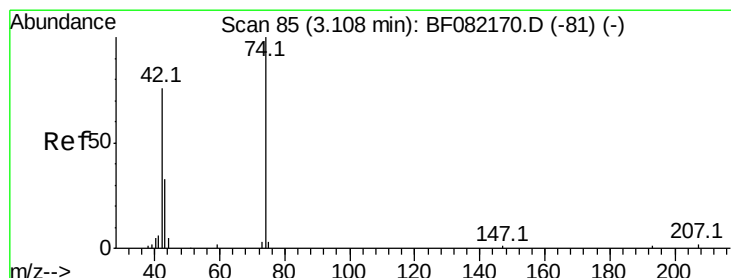
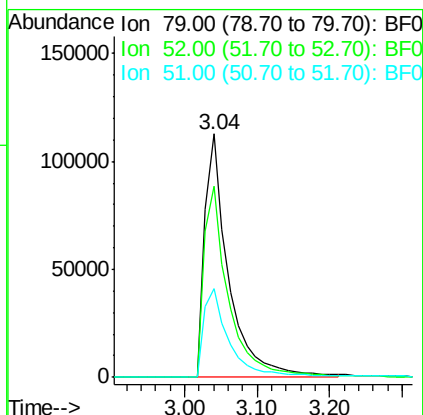
#3
Pvridine
Concen: 51.07 ng
RT: 3.04 min Scan# 79
Delta R.T. 0.07 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.3	64.4	96.6
51	36.4	30.5	45.7

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

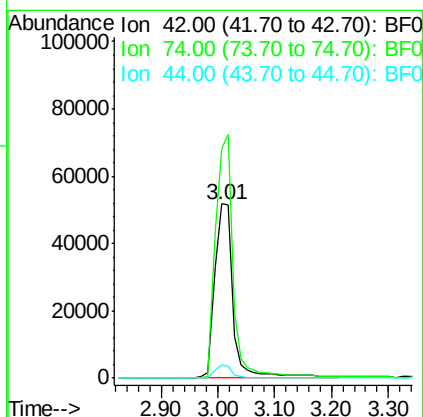
Manual Integrations
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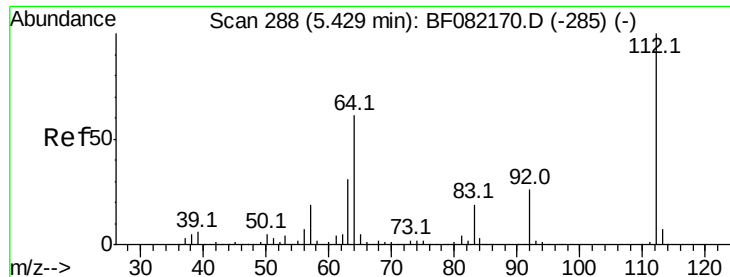
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#4
n-Nitrosodimethylamine
Concen: 53.89 ng
RT: 3.01 min Scan# 76
Delta R.T. 0.05 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.4	105.7	158.5
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 160.15 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

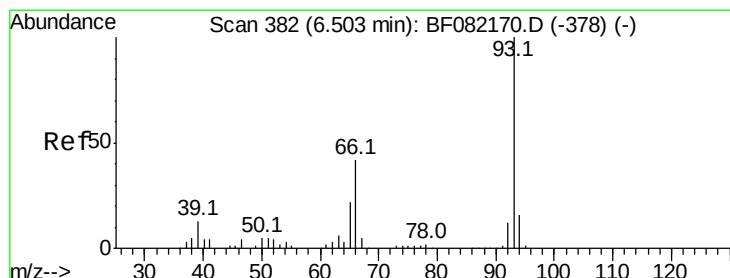
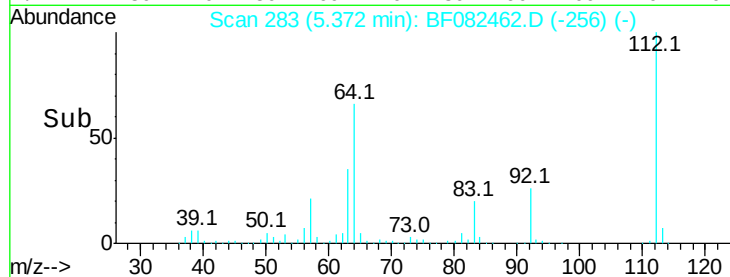
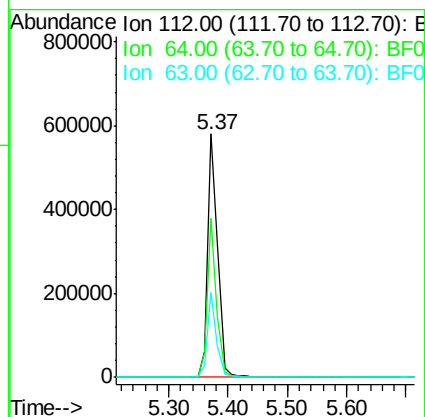
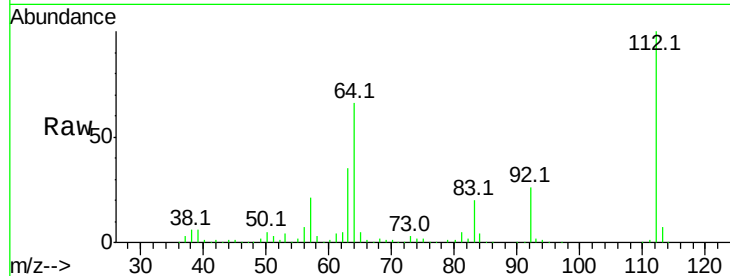
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	112	Resp:	694658
Ion Ratio		Lower	Upper
112	100		
64	65.5	48.6	73.0
63	35.0	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 35.88 ng

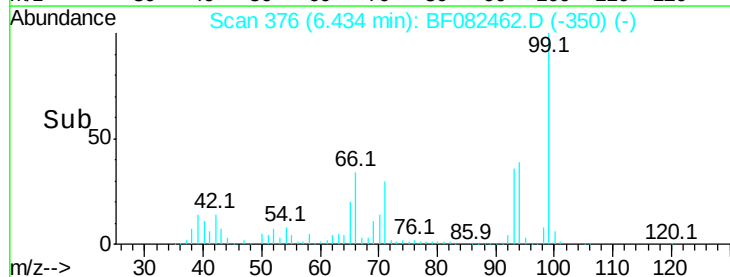
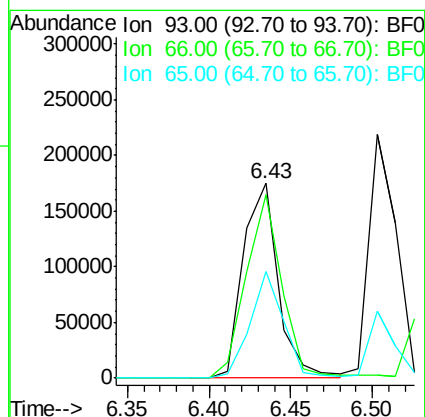
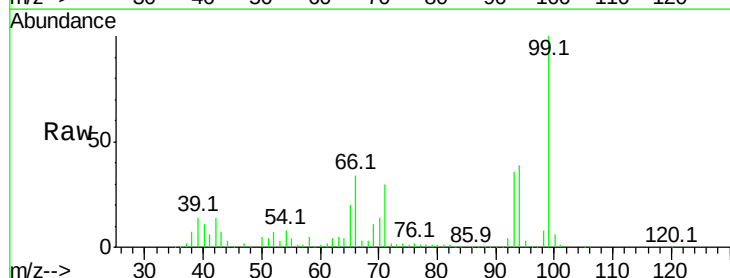
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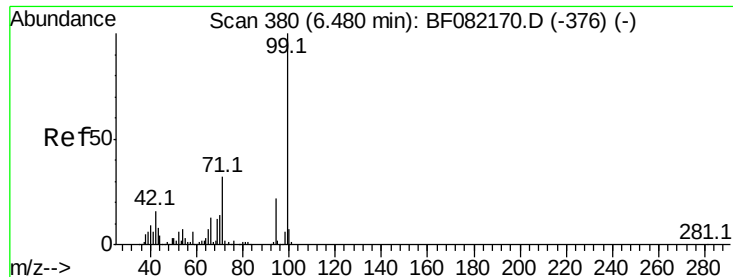
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	93	Resp:	261125
Ion Ratio		Lower	Upper
93	100		
66	94.2	34.2	51.2#
65	55.0	17.9	26.9#





#7

Phenol-d6

Concen: 165.81 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

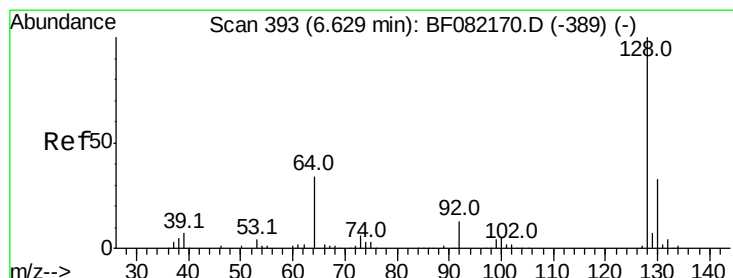
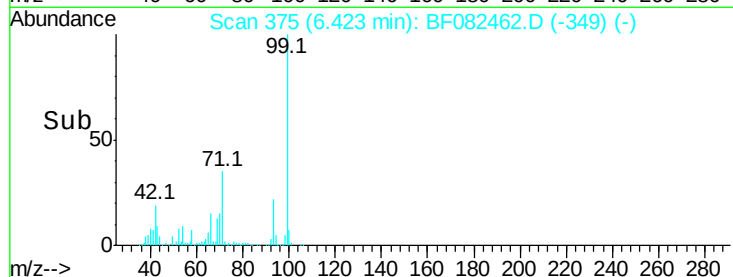
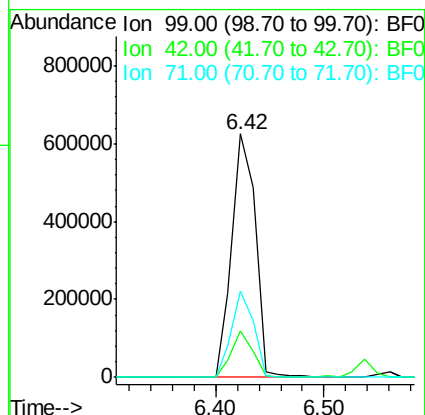
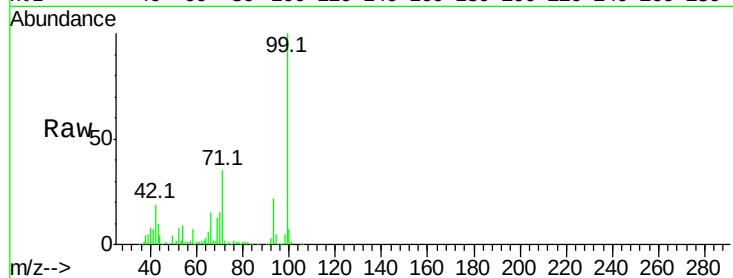
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	99	Resp:	935927
Ion Ratio	Lower	Upper	
99	100		
42	18.8	13.2	19.8
71	35.4	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.00 ng

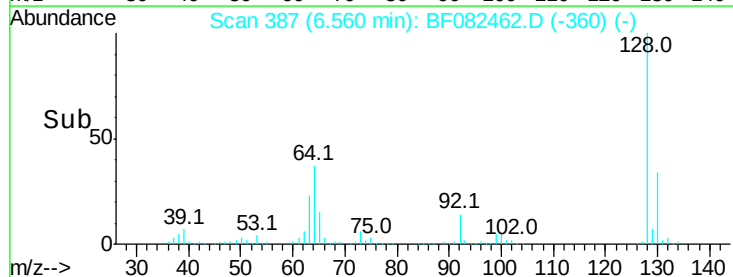
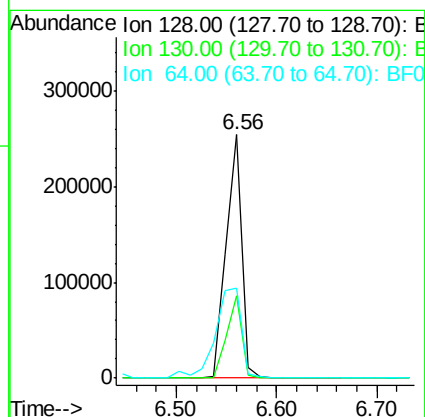
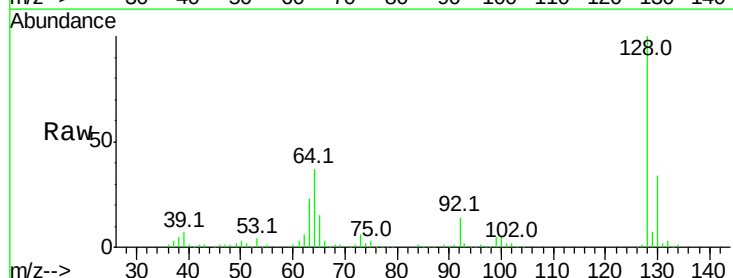
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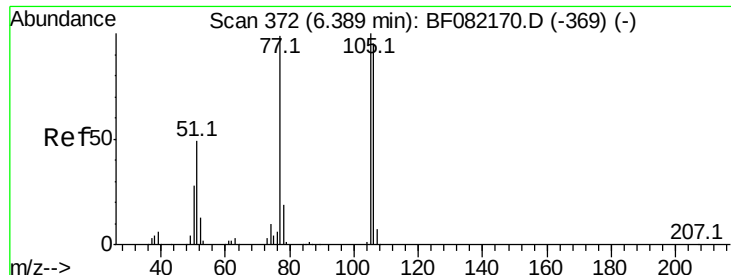
Delta R.T. 0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	128	Resp:	275362
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.6	52.6
64	36.8	16.7	56.7





#9

Benzaldehyde

Concen: 43.40 ng

RT: 6.31 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

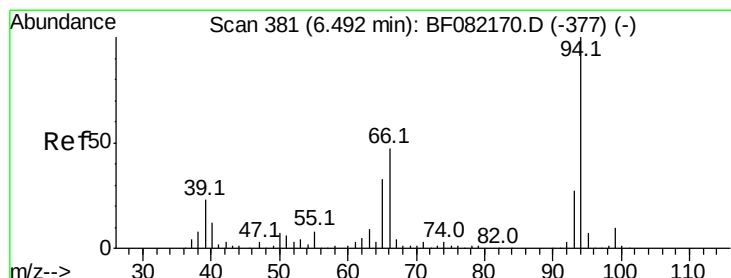
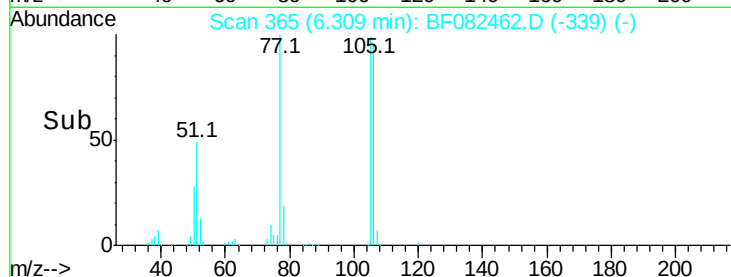
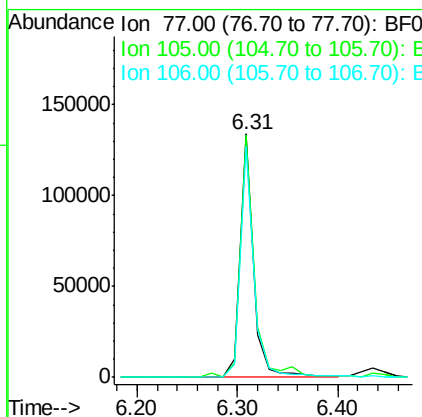
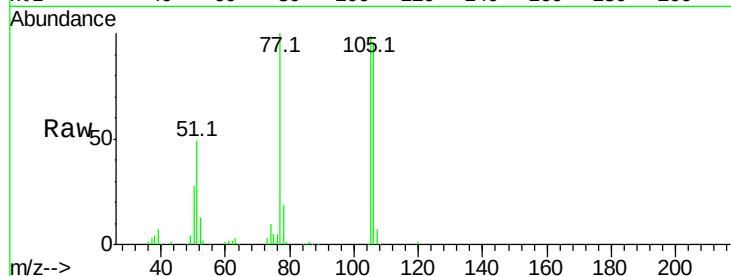
ClientSampleId :

SB15-17-10-10.5MSD

Manual Integrations
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10/23/2015 4:45:29 PM

Tot Ion:	77	Resp:	125102
Ion Ratio	Lower	Upper	
77	100		
105	99.3	80.6	120.6
106	94.9	75.5	115.5



#10

Phenol

Concen: 46.33 ng

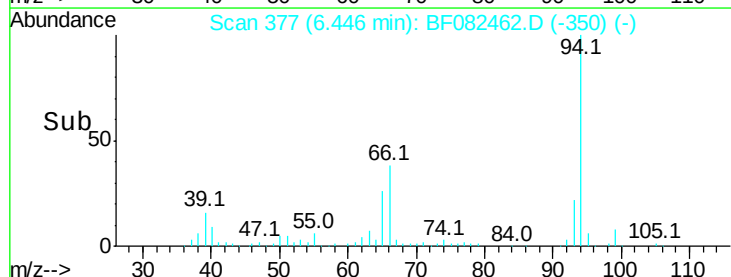
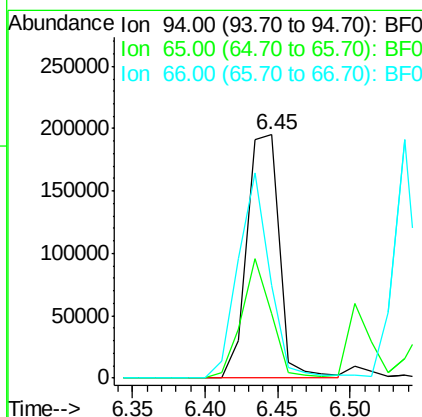
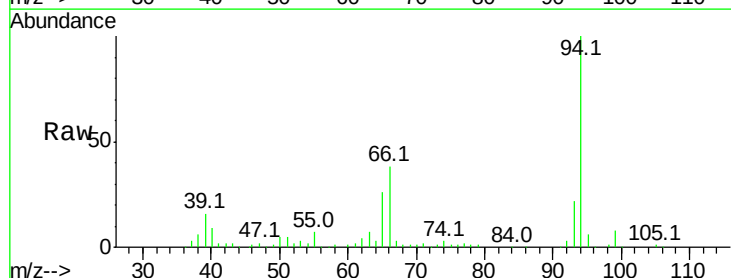
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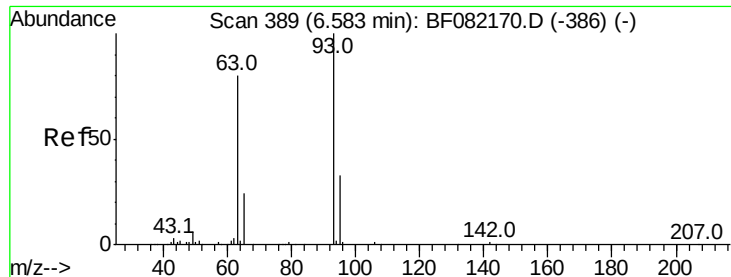
Delta R.T. 0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	94	Resp:	301497
Ion Ratio	Lower	Upper	
94	100		
65	26.3	12.6	52.6
66	37.8	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 45.22 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

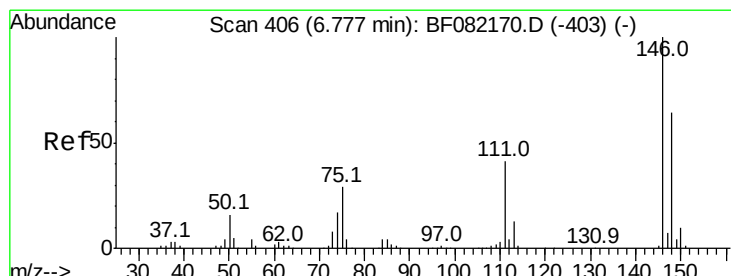
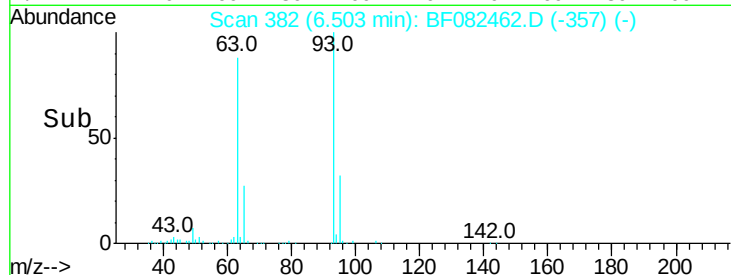
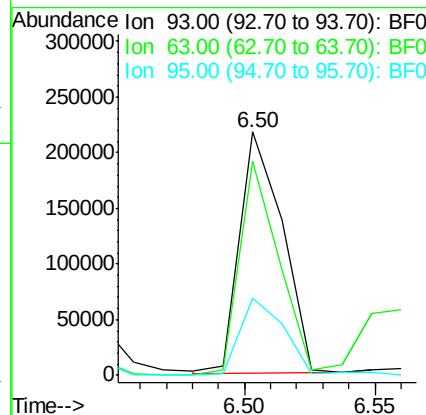
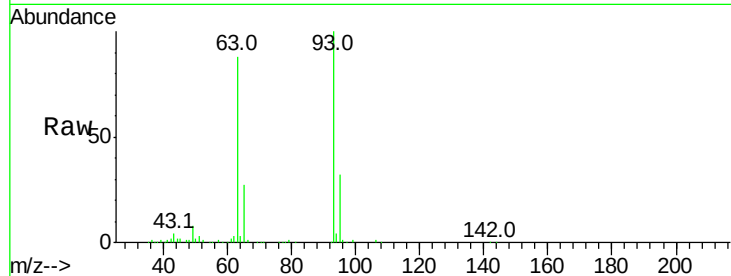
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	93	Resp:	248884
Ion Ratio	Lower	Upper	
93	100		
63	87.7	57.1	97.1
95	31.7	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 50.44 ng

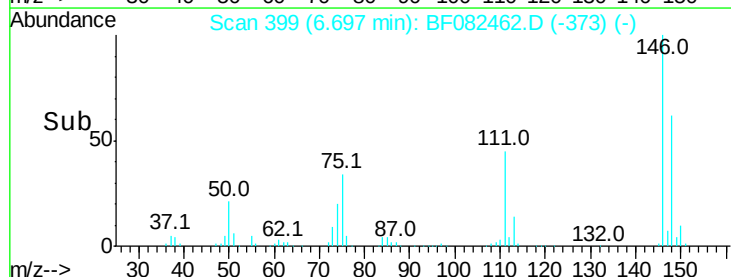
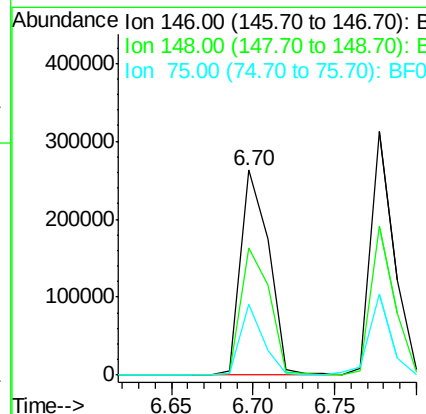
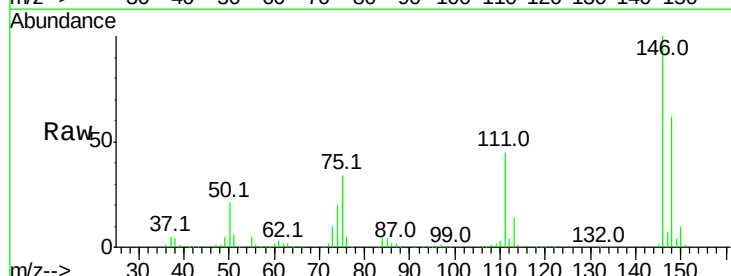
RT: 6.70 min Scan# 399

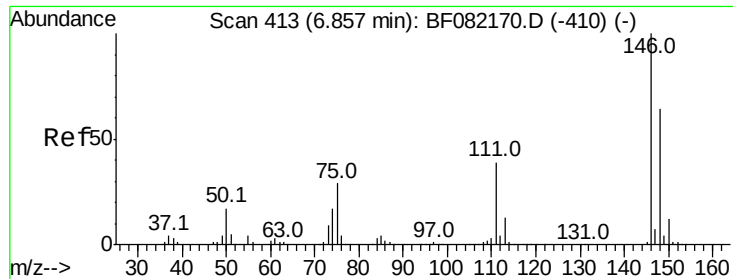
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	146	Resp:	311068
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.4	77.2
75	34.5	23.0	34.6





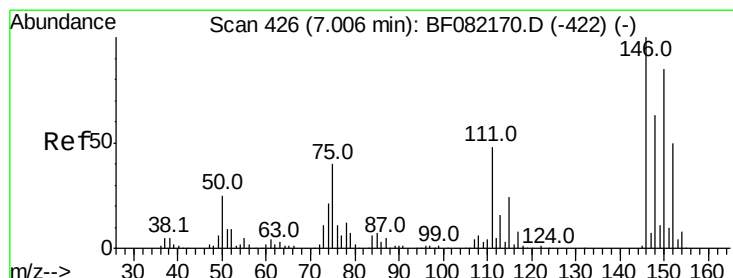
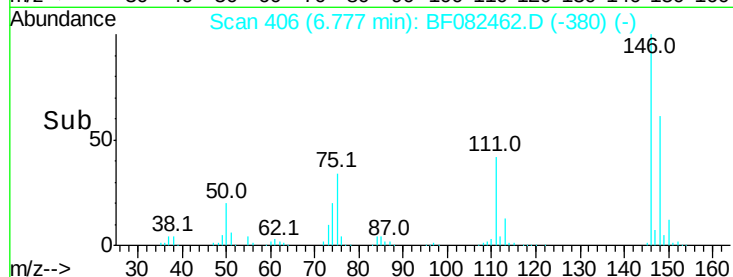
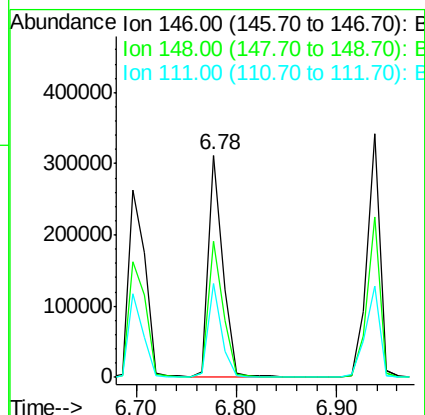
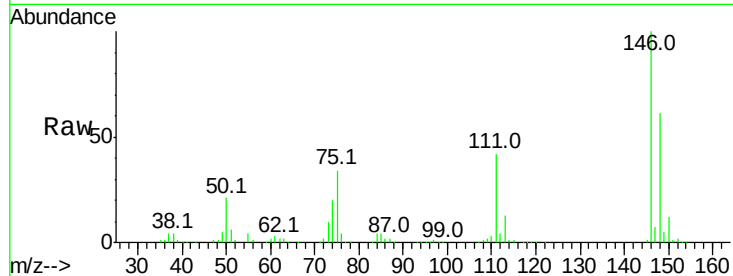
#13
 1,4-Dichlorobenzene
 Concen: 48.86 ng
 RT: 6.78 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.4
111	42.3	31.1	46.7

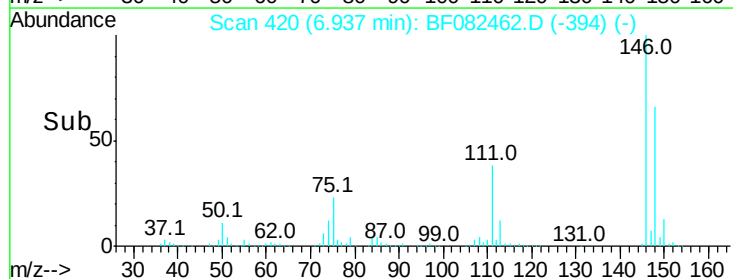
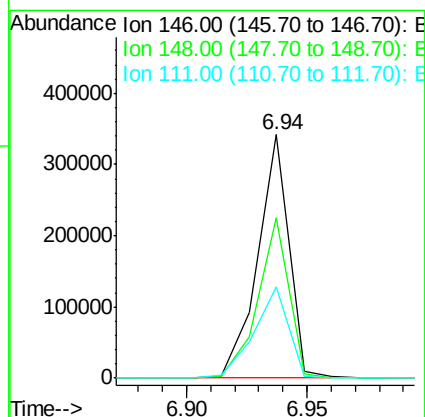
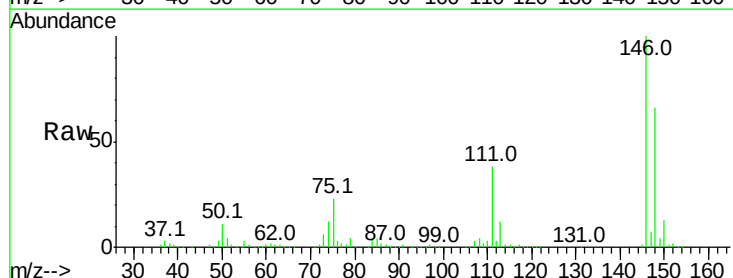
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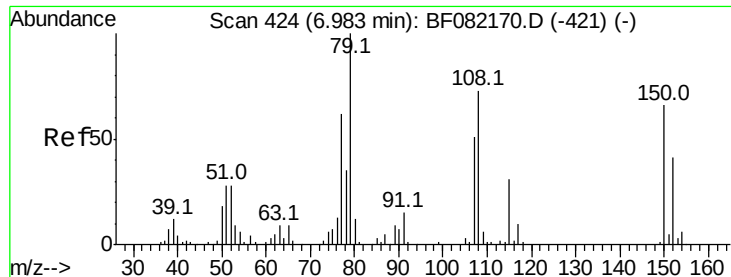
mmdadoda
 10/23/2015 4:45:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 50.38 ng m
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.5	75.7
111	37.7	38.5	57.7#





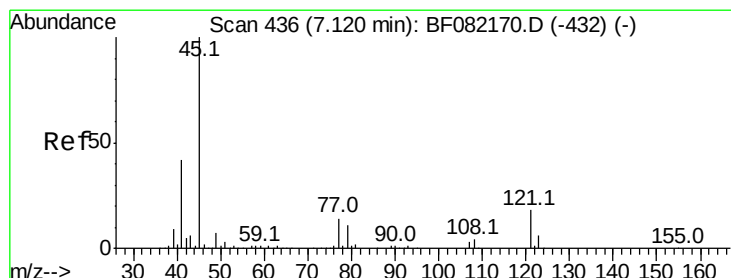
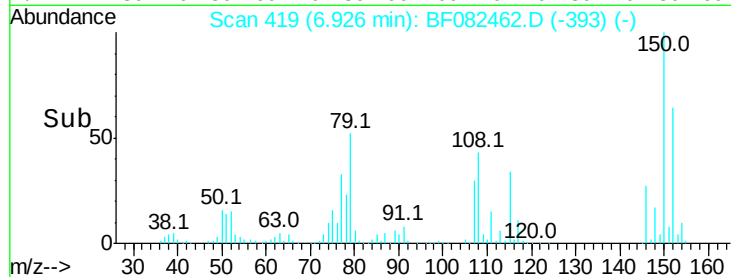
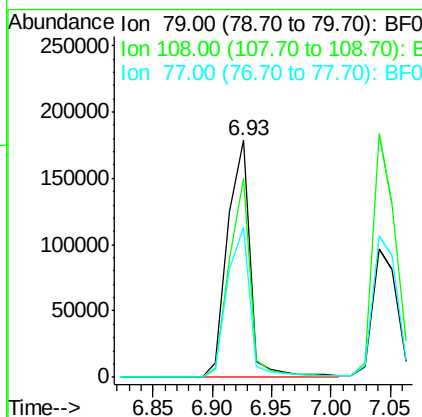
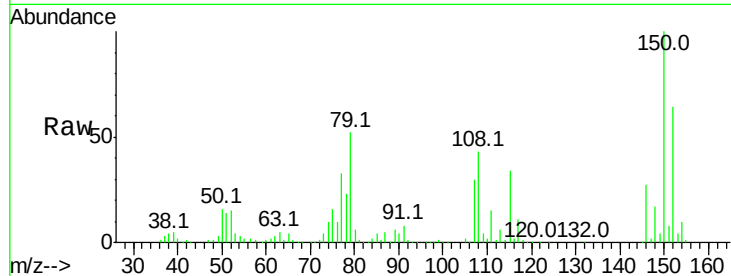
#15
Benzyl Alcohol
Concen: 60.91 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	58.4	87.6
77	63.4	49.8	74.6

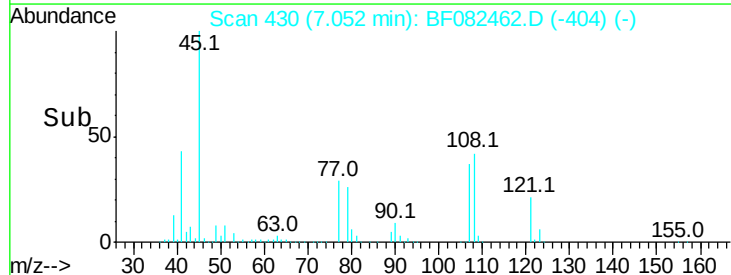
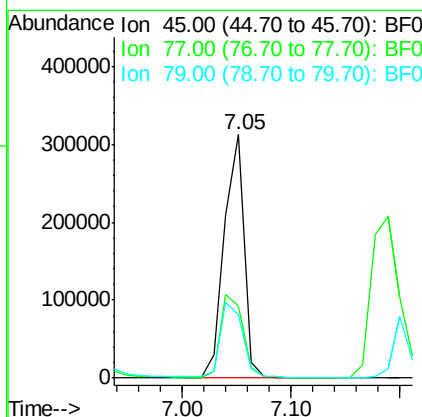
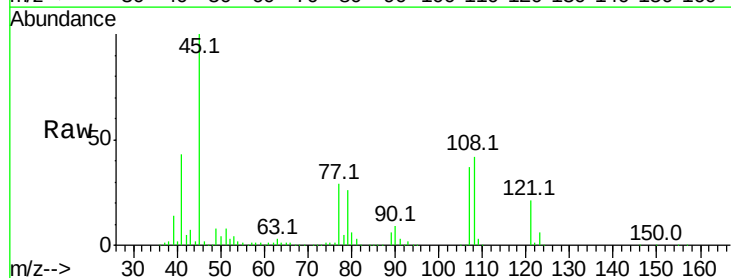
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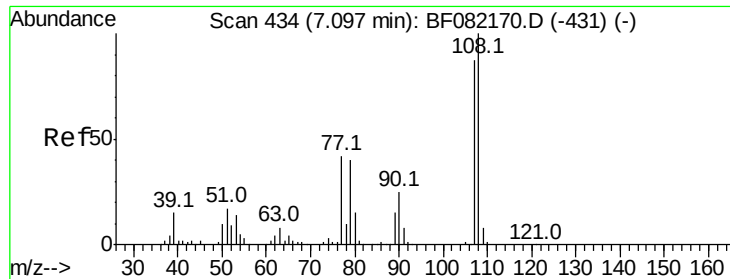
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.44 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.4	0.0	34.5
79	25.9	0.0	31.6





#17

2-Methylphenol

Concen: 51.11 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:107 Resp: 214023
Ion Ratio Lower Upper

107 100

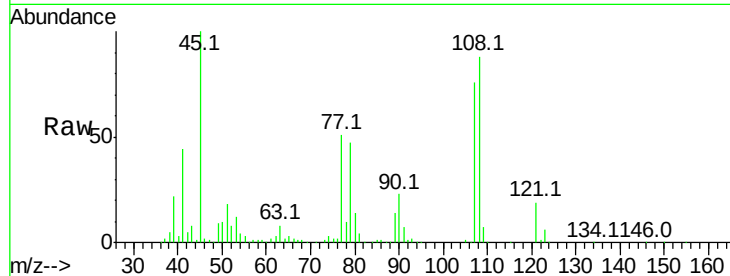
108 115.3 92.2 138.2

77 67.1 39.6 59.4#

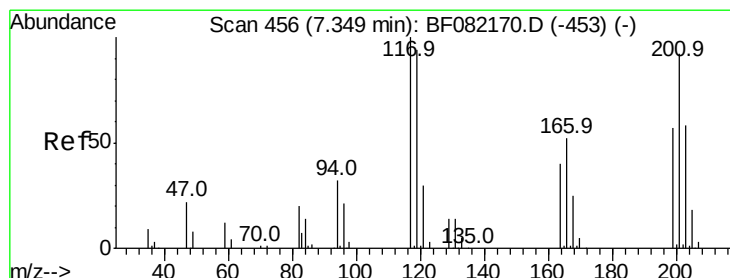
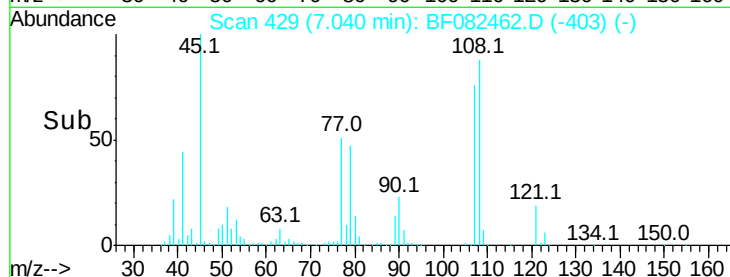
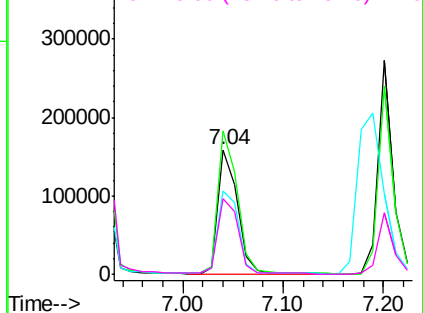
79 61.1 38.2 57.4#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.77 ng

RT: 7.27 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF082462.D

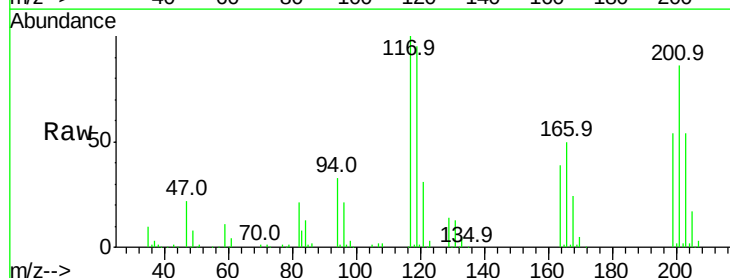
Acq: 22 Oct 2015 23:25

Tgt Ion:117 Resp: 100891
Ion Ratio Lower Upper

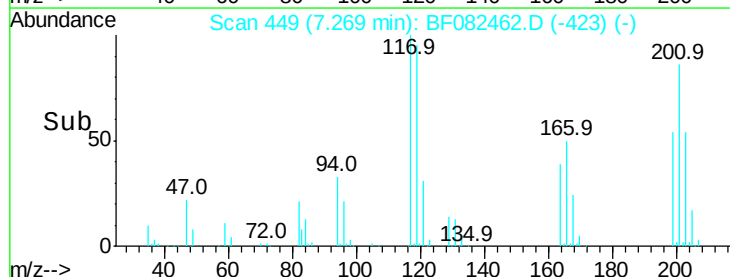
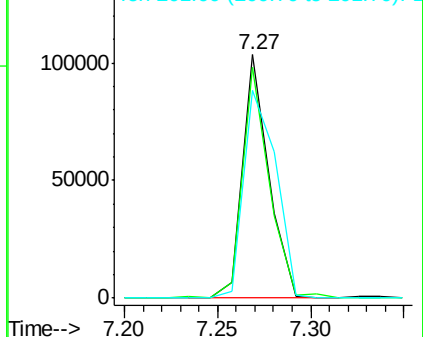
117 100

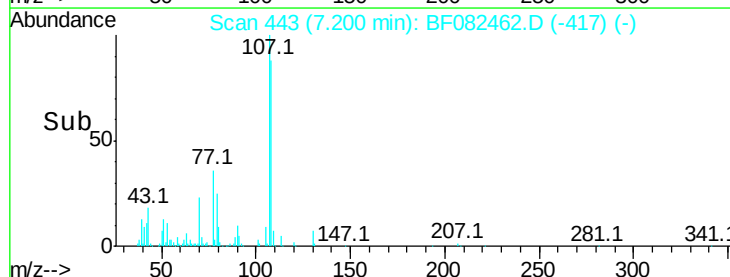
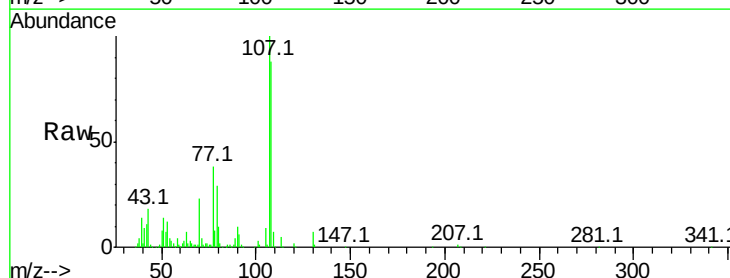
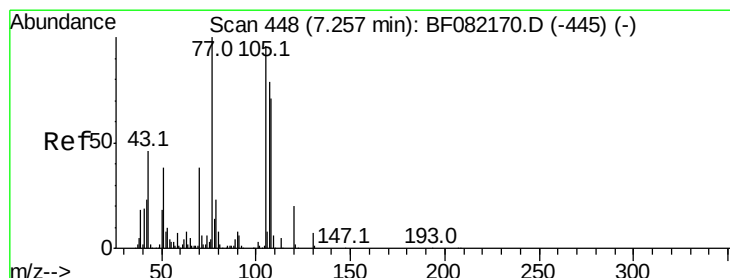
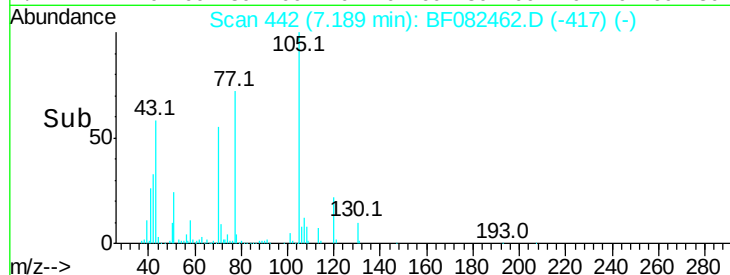
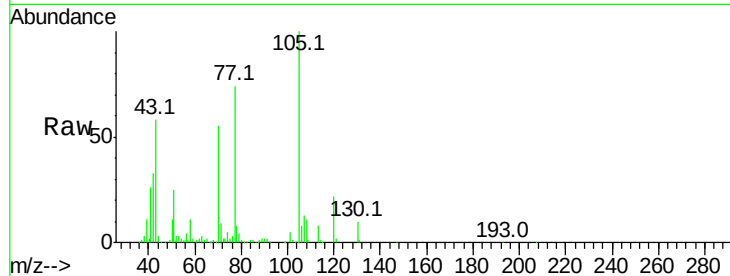
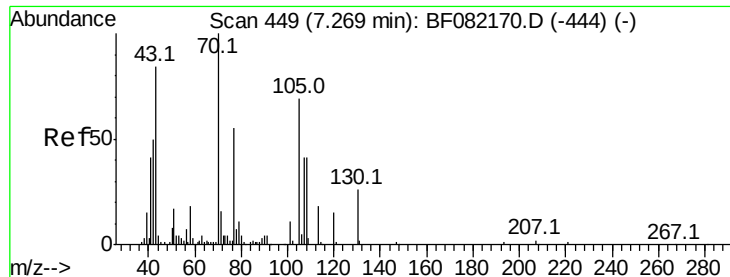
119 94.7 75.4 113.2

201 85.6 73.4 110.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





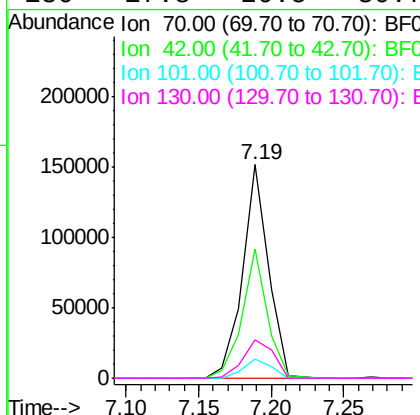
#19
n-Nitroso-di-n-propylamine
Concen: 47.42 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.8	39.8	59.8#		
101	9.0	8.6	13.0		
130	17.8	20.5	30.7#		

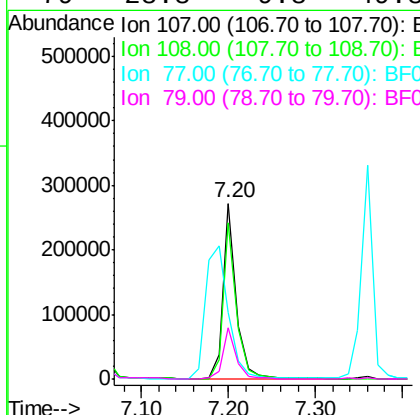
Manual Integrations
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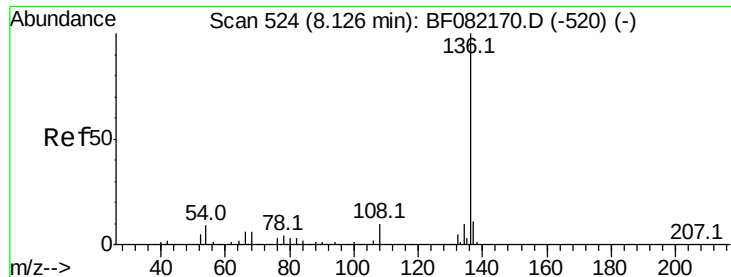
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#20
3+4-Methylphenols
Concen: 57.61 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.4	69.9	109.9		
77	38.0	106.0	146.0#		
79	28.8	9.8	49.8		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

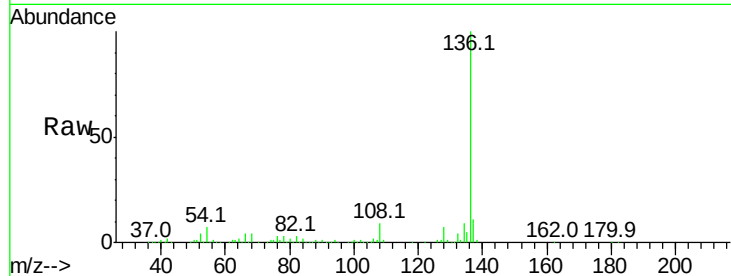
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.6	
54	6.6	7.5	11.3#	
68	4.4	4.6	7.0#	

Manual Integrations
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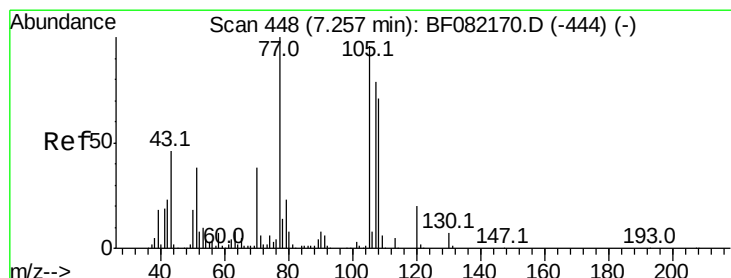
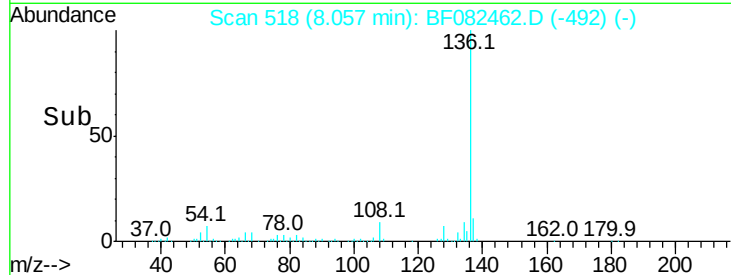
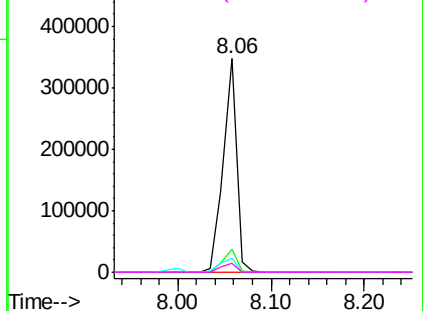
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 56.91 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	5.4	8.0#	
51	25.3	31.8	47.6#	
120	21.9	16.3	24.5	

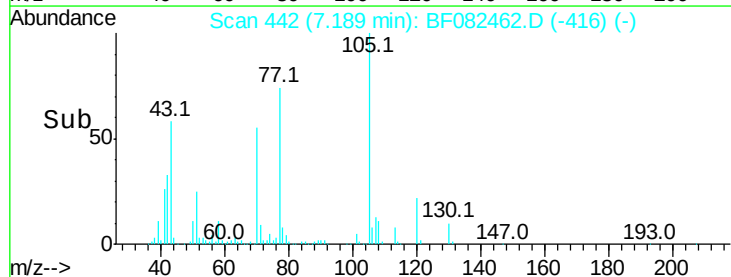
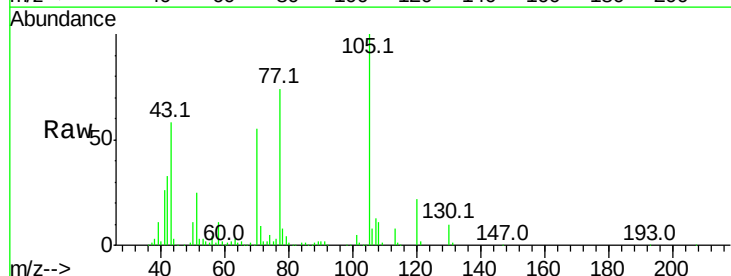
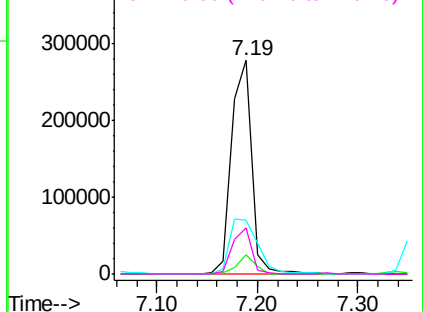
Abundance

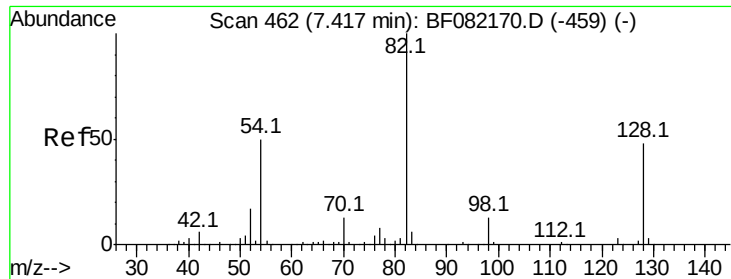
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





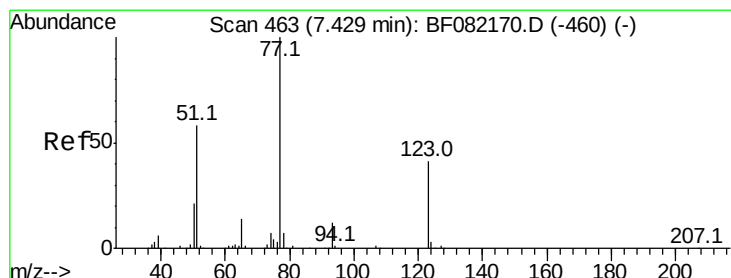
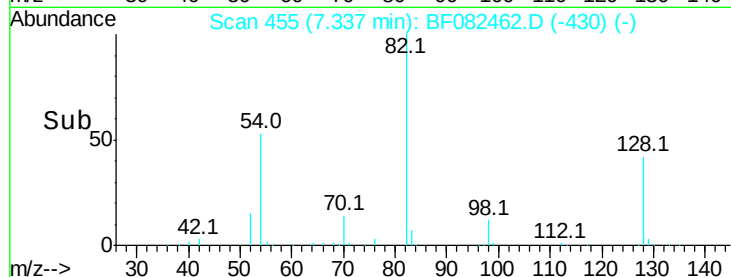
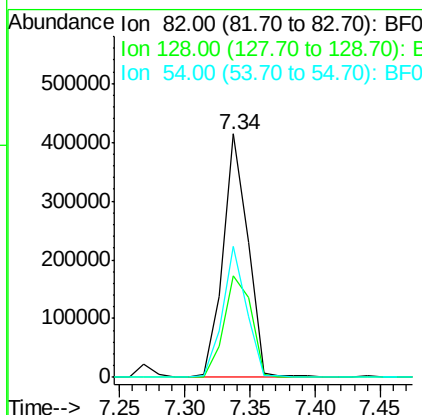
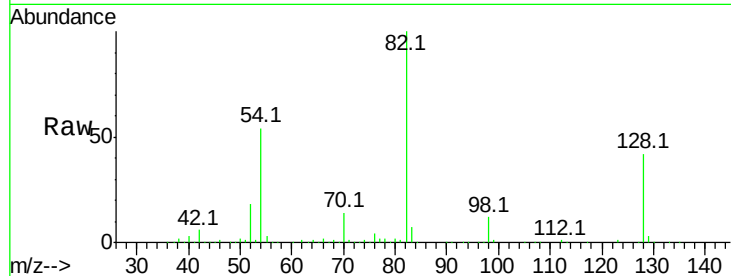
#23
 Nitrobenzene-d5
 Concen: 107.23 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	552654		
128	41.7	38.7	58.1	
54	54.0	40.1	60.1	

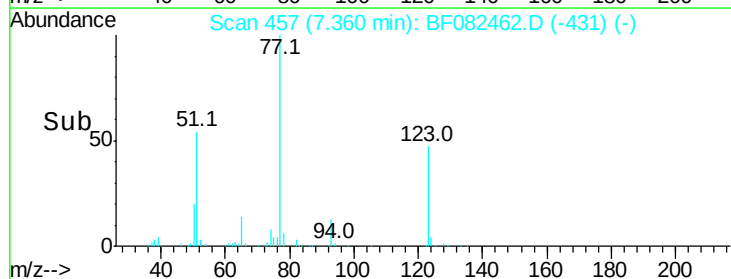
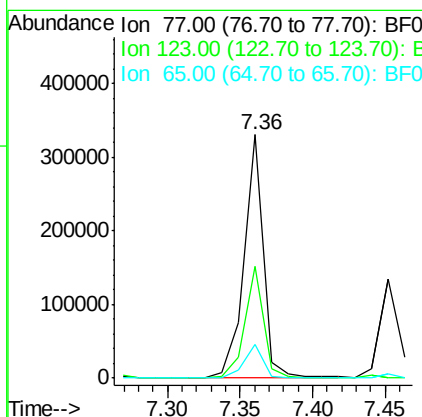
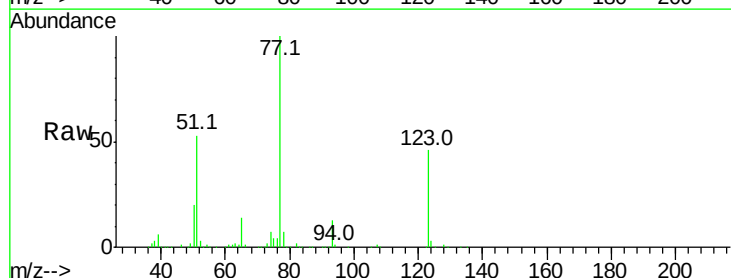
Manual Integrations
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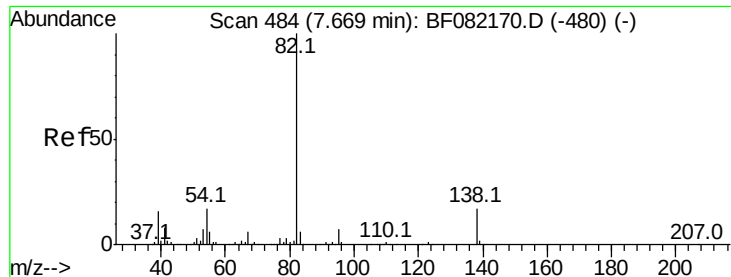
mmdadoda
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#24
 Nitrobenzene
 Concen: 53.87 ng
 RT: 7.36 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300528		
123	46.2	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 52.07 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

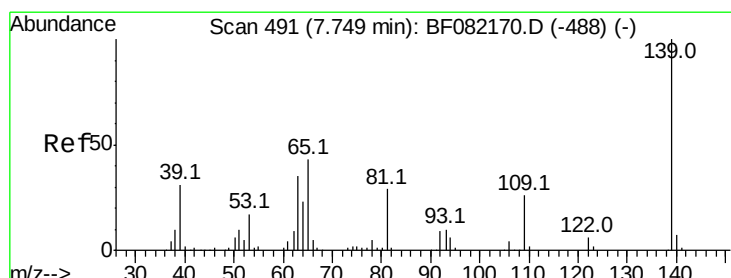
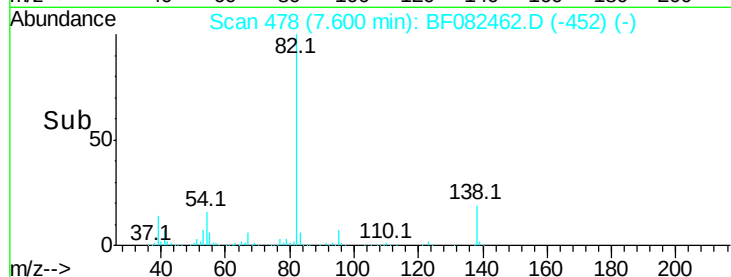
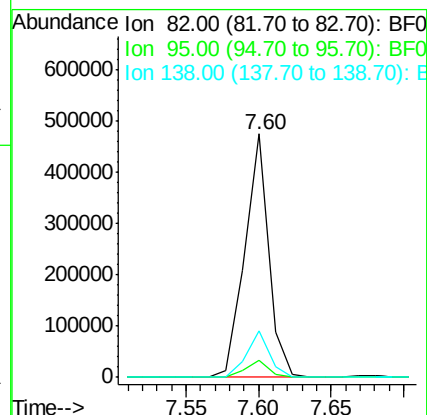
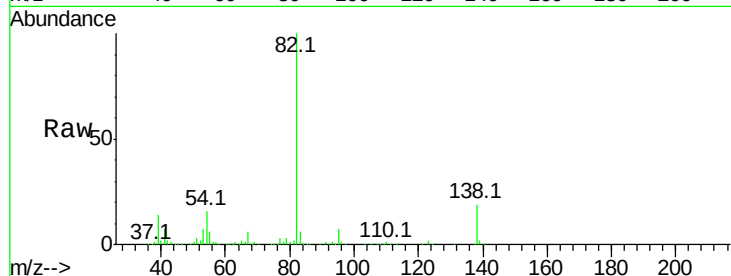
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	82	Resp:	541630
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	18.8	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.86 ng

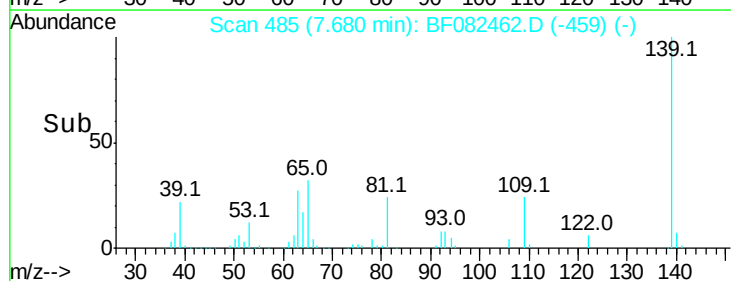
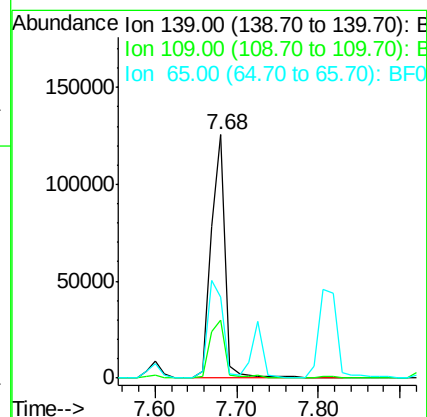
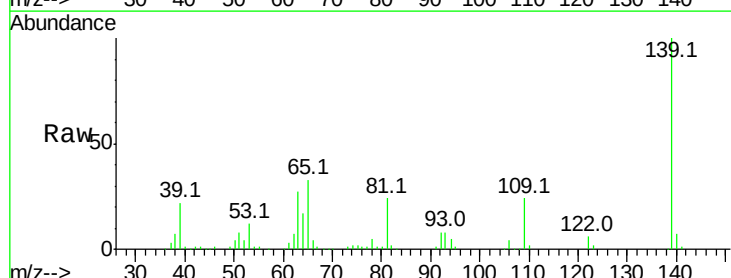
RT: 7.68 min Scan# 485

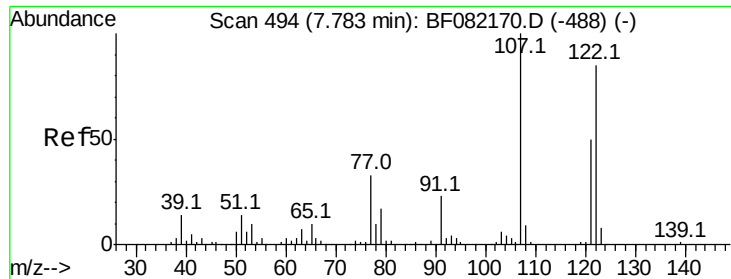
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	139	Resp:	152829
Ion Ratio	Lower	Upper	
139	100		
109	23.6	20.6	31.0
65	33.0	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 61.33 ng

RT: 7.73 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

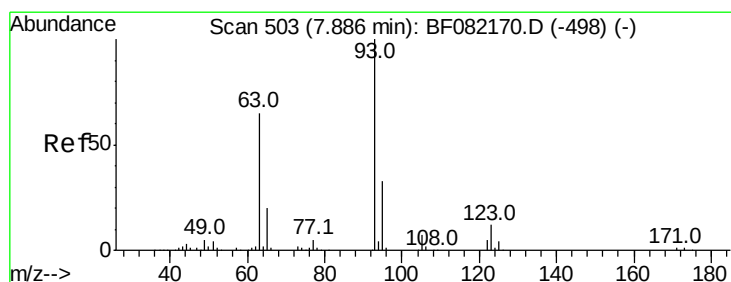
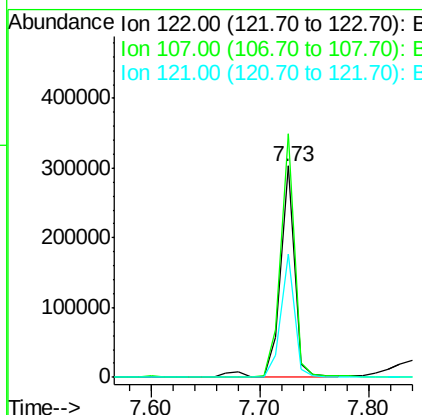
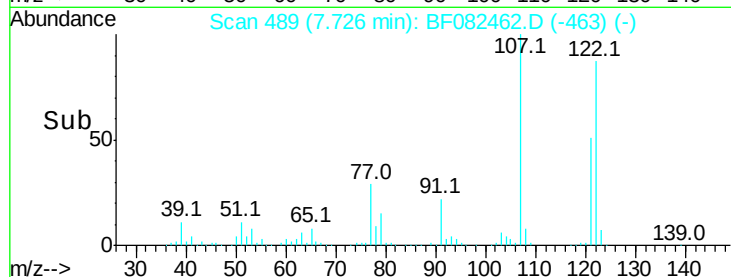
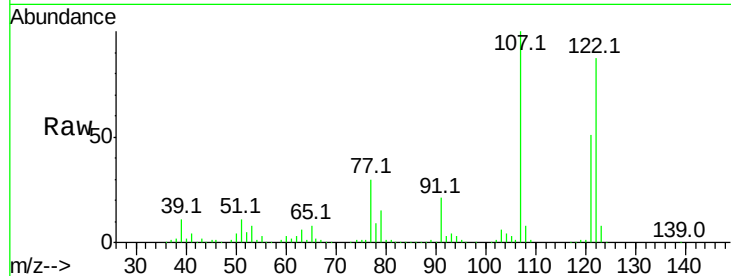
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	122	Resp:	275245
Ion Ratio	Lower	Upper	
122	100		
107	115.3	94.0	141.0
121	58.5	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 54.01 ng

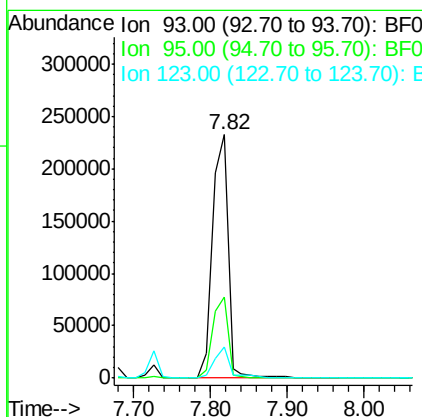
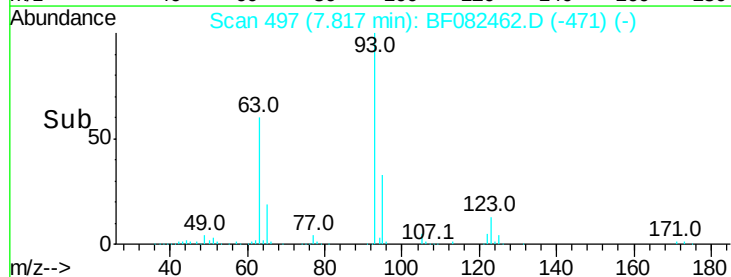
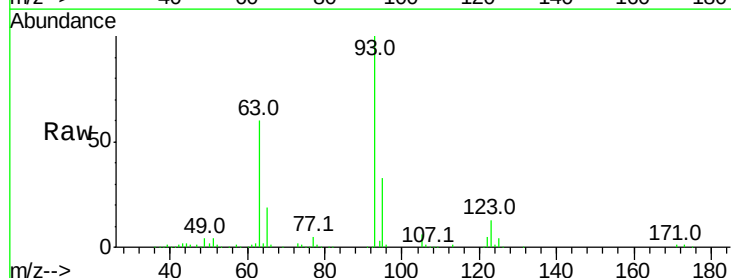
RT: 7.82 min Scan# 497

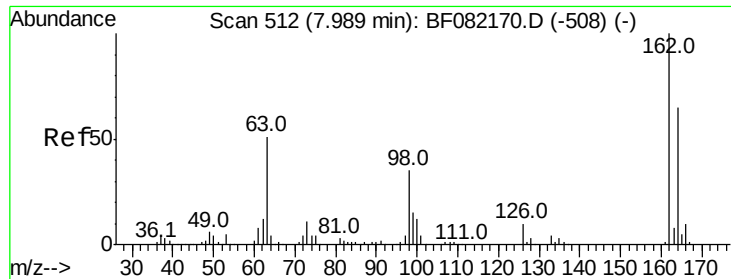
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	93	Resp:	326925
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.6	39.8
123	12.8	9.5	14.3





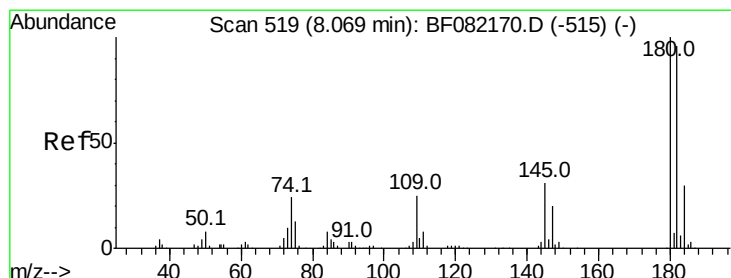
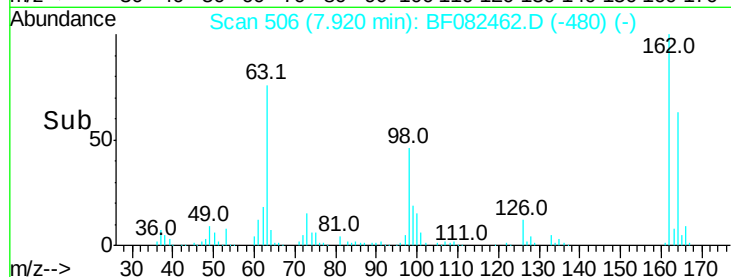
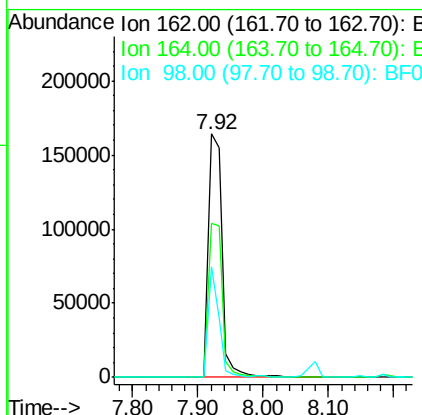
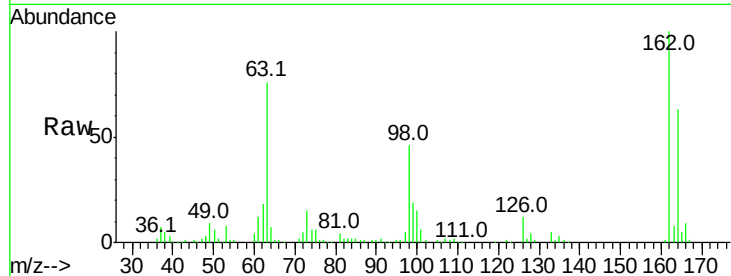
#29
2,4-Dichlorophenol
Concen: 54.14 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	44.6	84.6
98	45.6	15.0	55.0

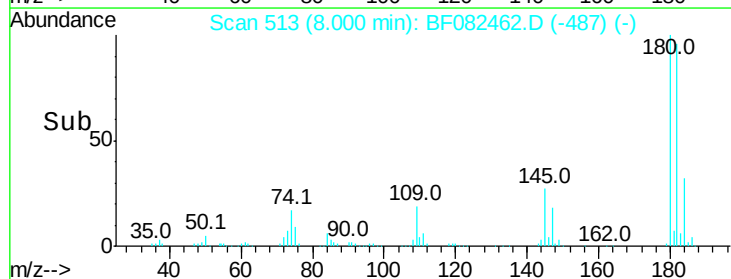
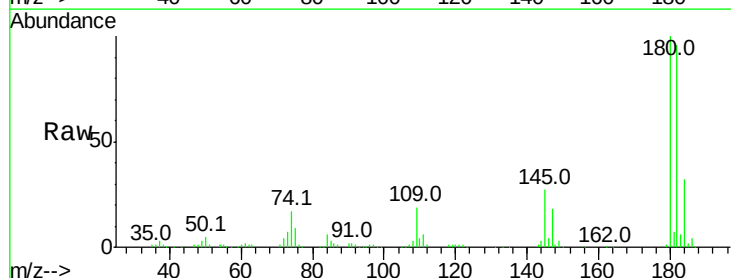
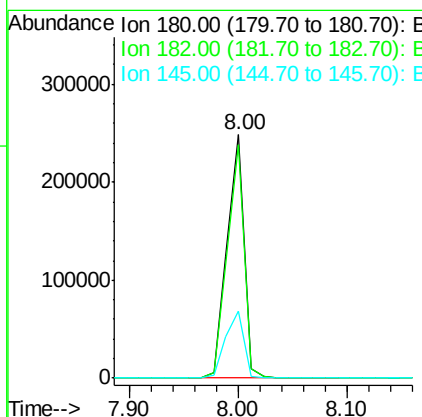
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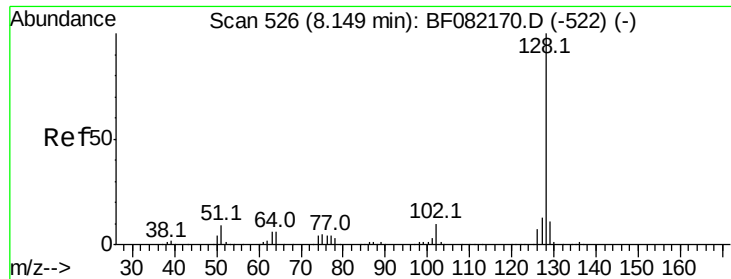
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#30
1,2,4-Trichlorobenzene
Concen: 52.19 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	77.0	115.4
145	27.4	25.0	37.4





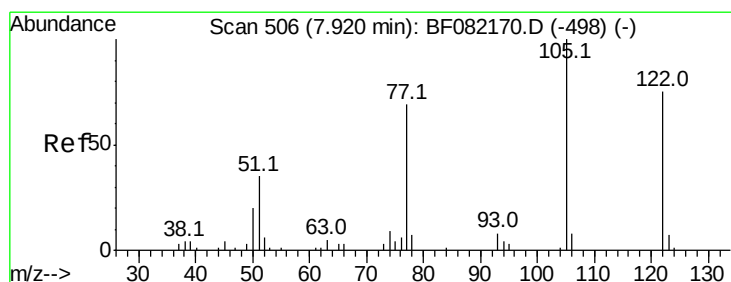
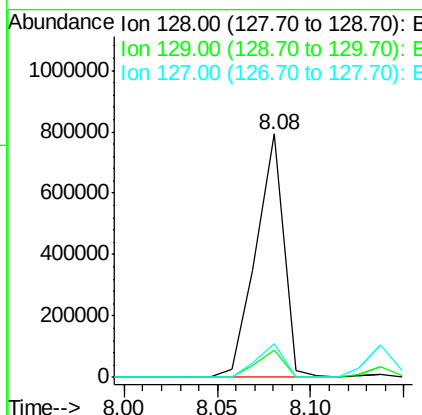
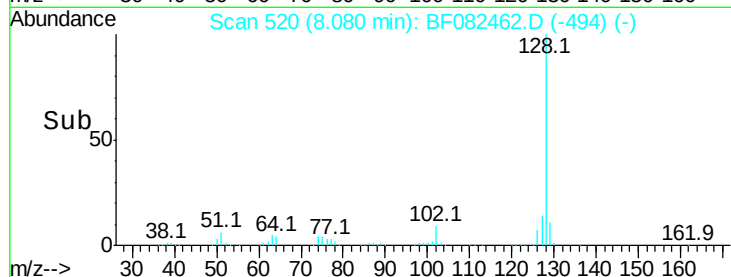
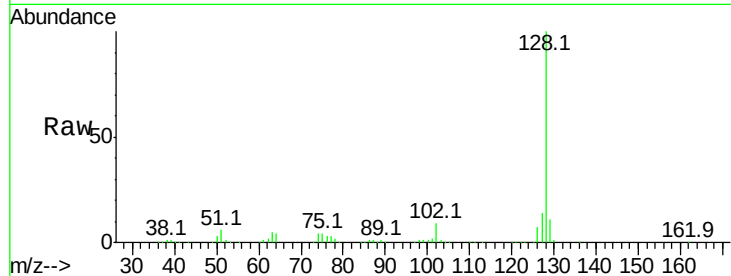
#31
Naphthalene
Concen: 54.57 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	818818		
129	11.0		9.1	13.7
127	13.6		10.7	16.1

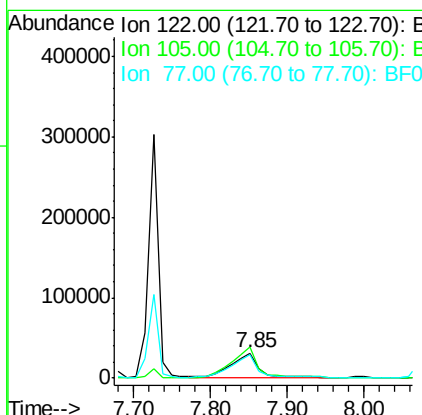
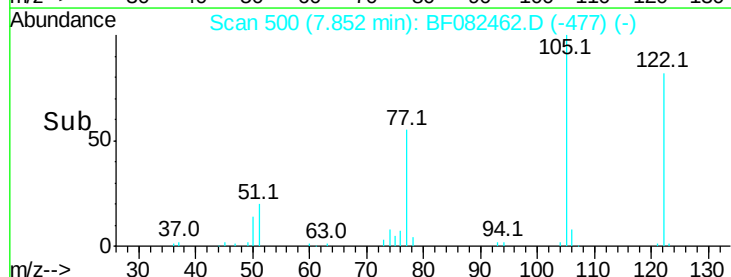
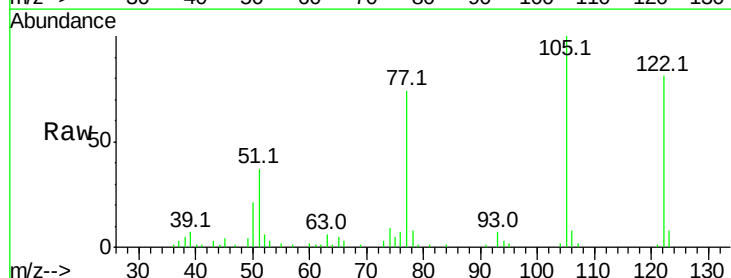
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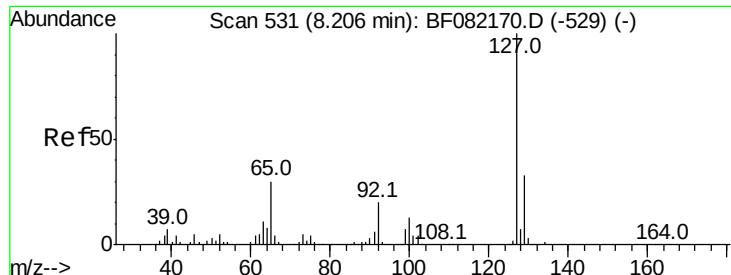
mmdadoda
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#32
Benzoic acid
Concen: 26.15 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	78773		
105	124.0		104.4	144.4
77	91.9		69.0	109.0





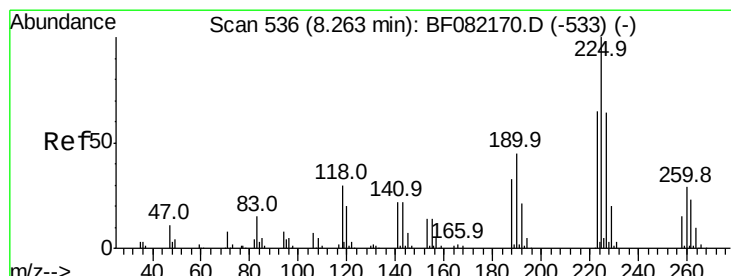
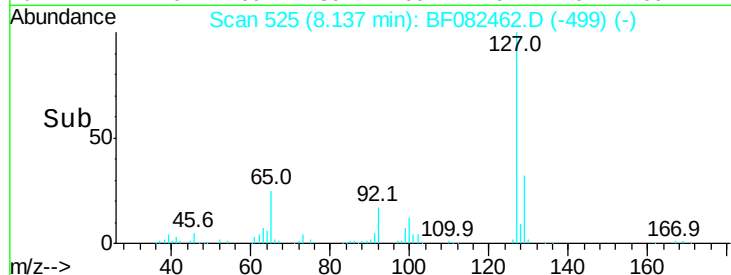
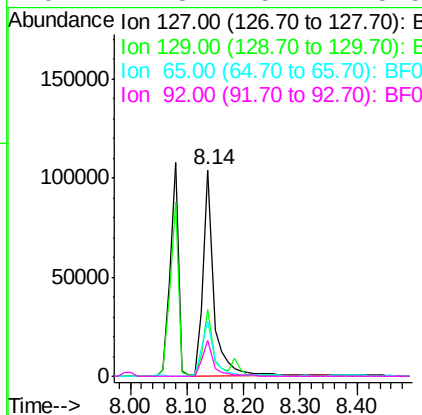
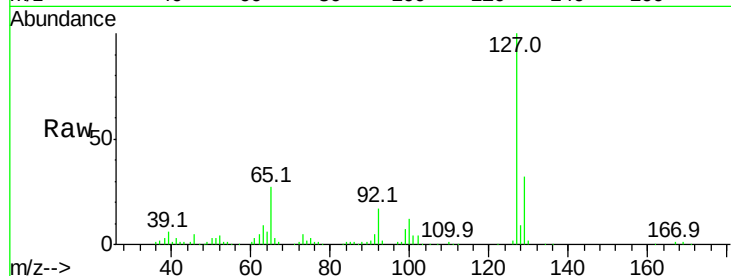
#33
4-Chloroaniline
Concen: 21.47 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	26.7	24.4	36.6	
92	17.3	15.7	23.5	

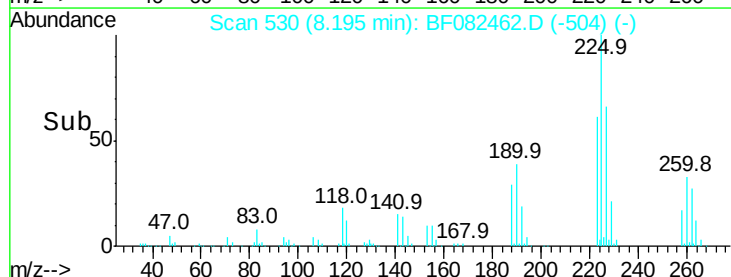
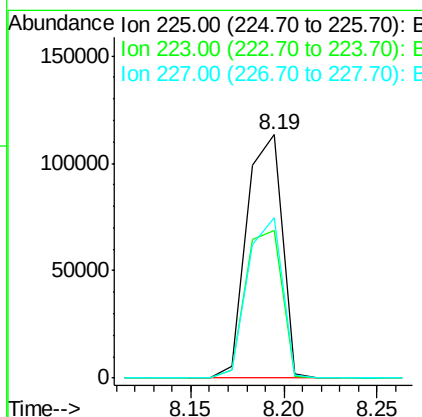
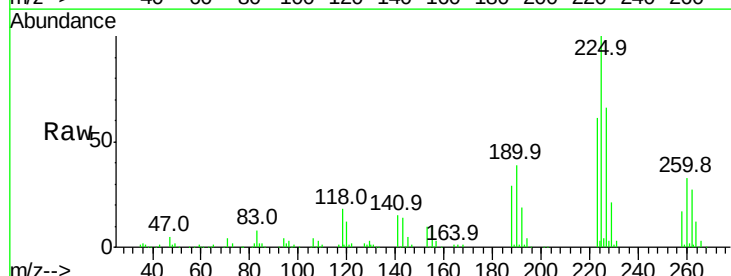
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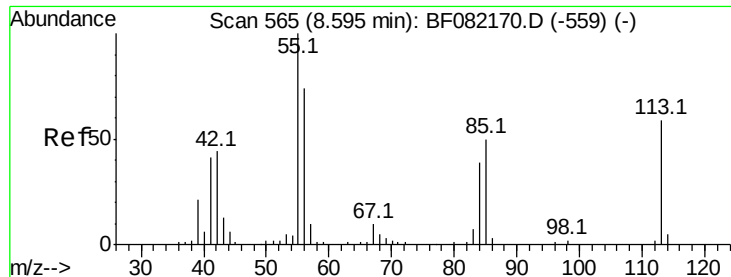
mmdadoda
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#34
Hexachlorobutadiene
Concen: 46.82 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	52.2	78.2	
227	65.7	51.3	76.9	





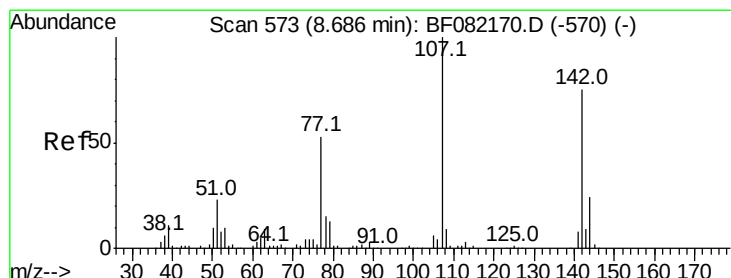
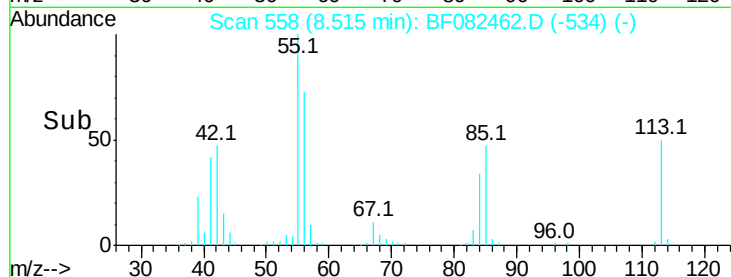
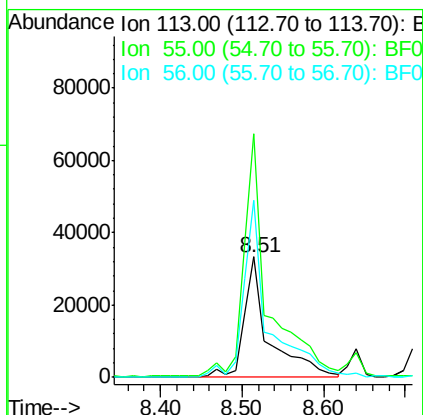
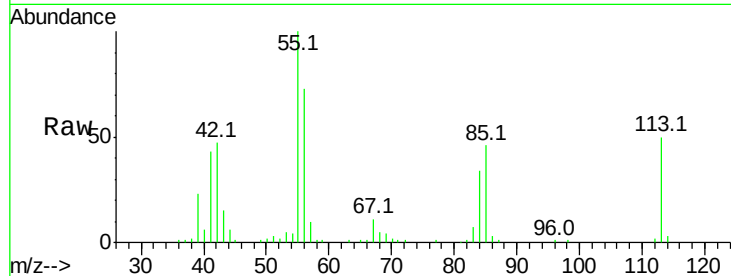
#35
 Caprolactam
 Concen: 54.14 ng
 RT: 8.51 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion:113 Resp: 70497
 Ion Ratio Lower Upper
 113 100
 55 201.8 149.7 189.7#
 56 147.2 105.4 145.4#

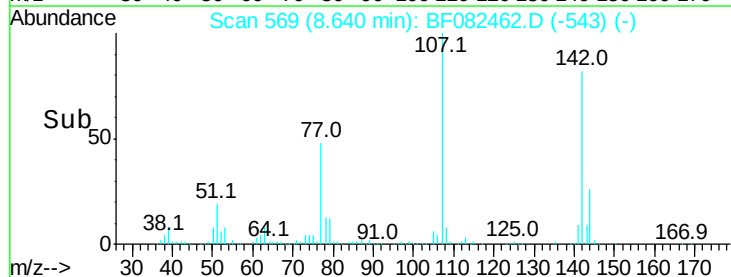
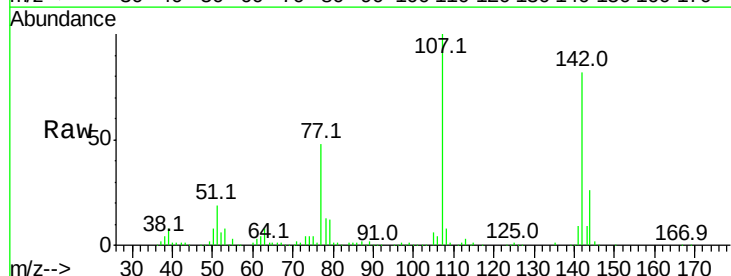
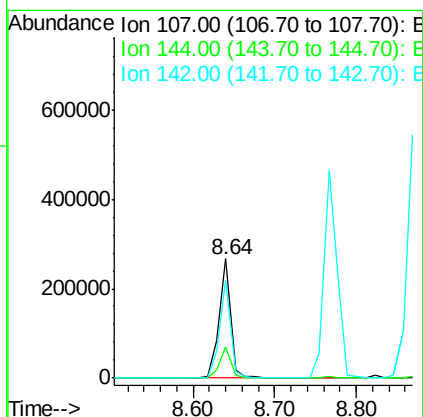
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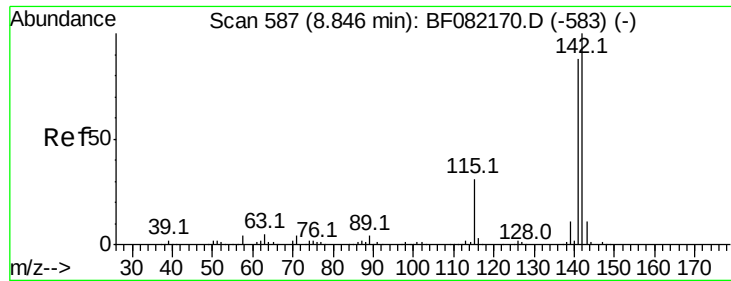
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#36
 4-Chloro-3-methylphenol
 Concen: 60.63 ng
 RT: 8.64 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion:107 Resp: 266008
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 82.2 59.9 89.9





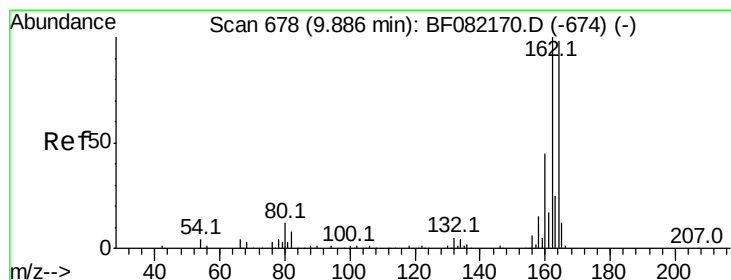
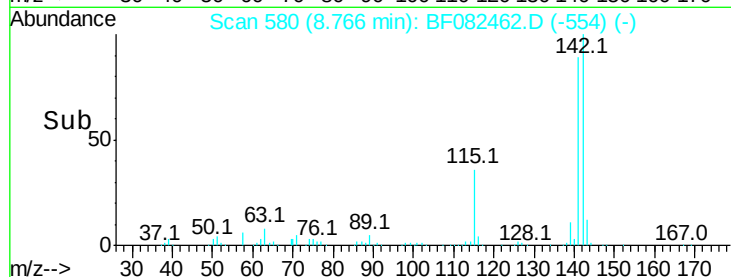
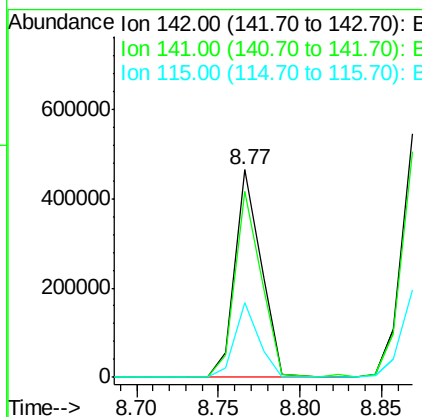
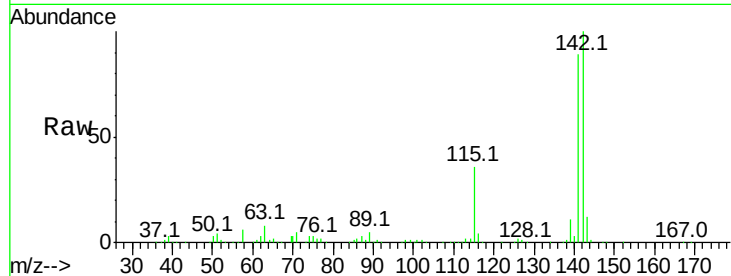
#37
 2-Methylnaphthalene
 Concen: 49.51 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	36.1	24.6	37.0

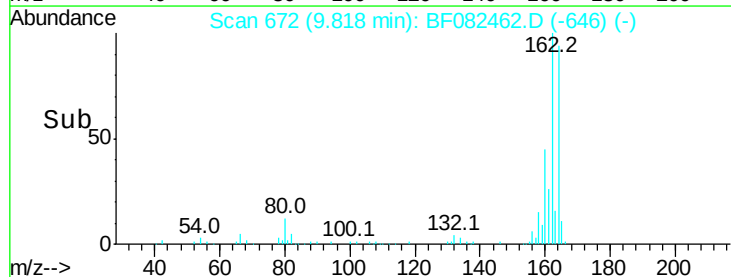
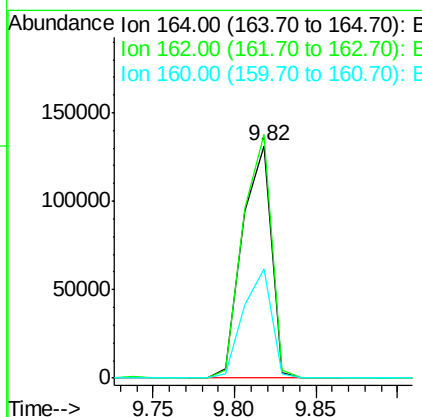
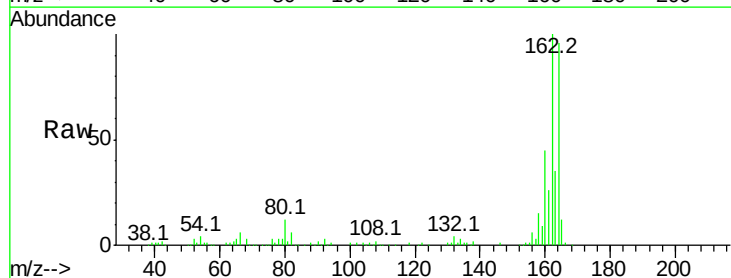
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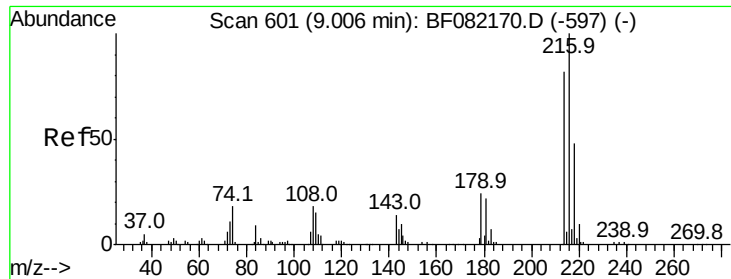
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.6	122.4
160	46.9	36.4	54.6





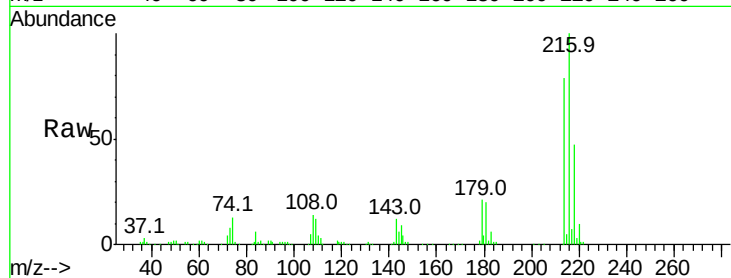
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.35 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

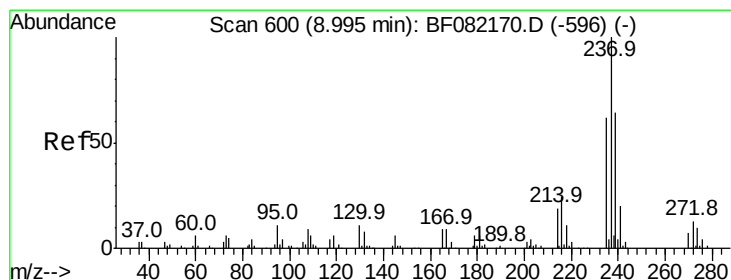
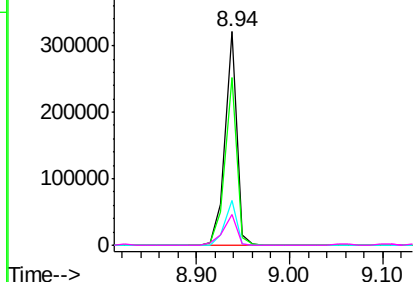
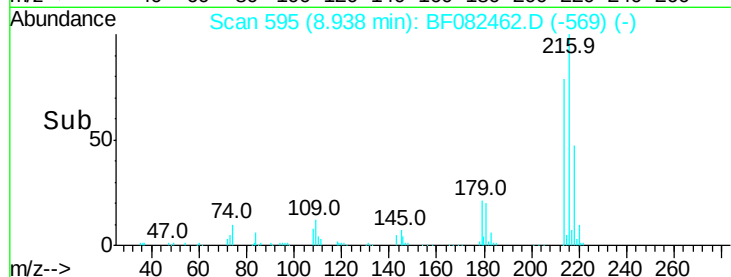
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	279014		
214	79.2	64.6	97.0	
179	21.3	17.6	26.4	
108	16.8	14.5	21.7	

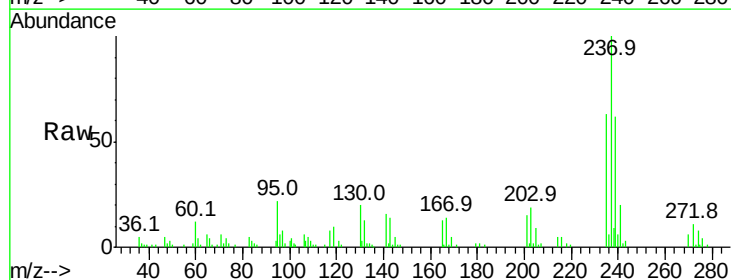


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

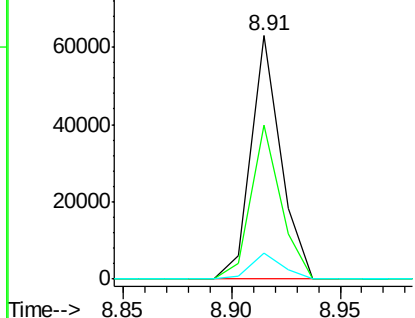
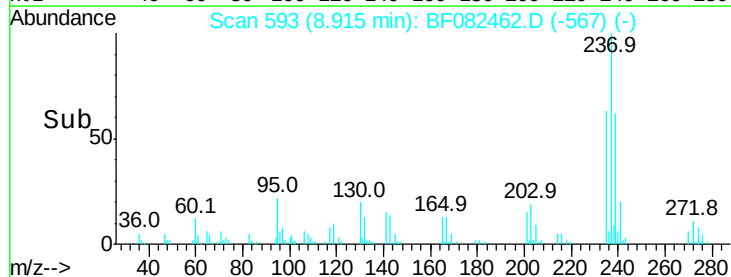


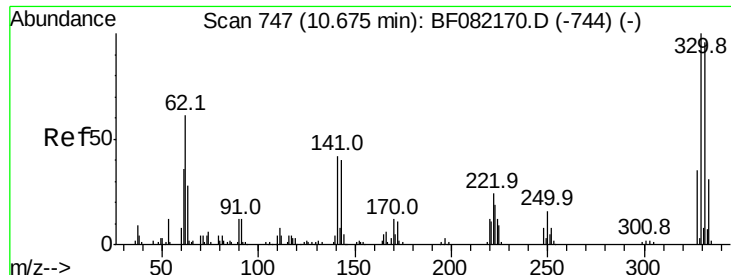
#40
 Hexachlorocyclopentadiene
 Concen: 30.53 ng
 RT: 8.91 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	60010		
235	63.2	41.7	81.7	
272	10.7	0.0	32.8	



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





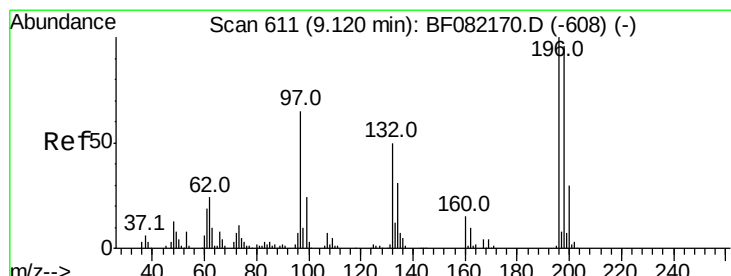
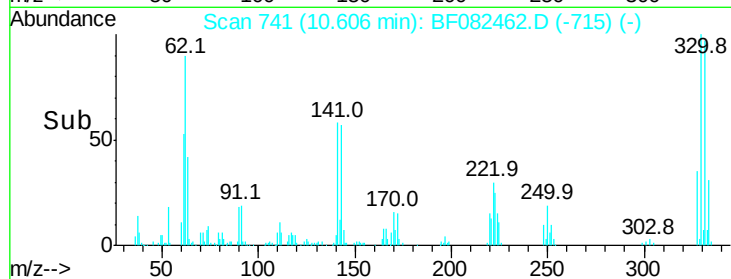
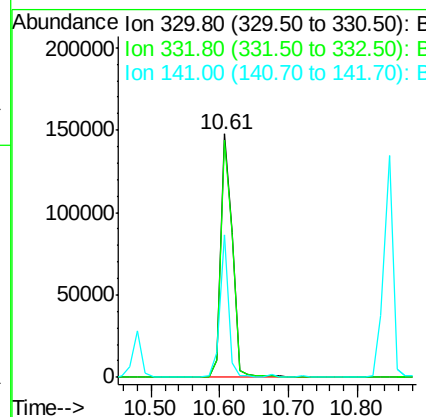
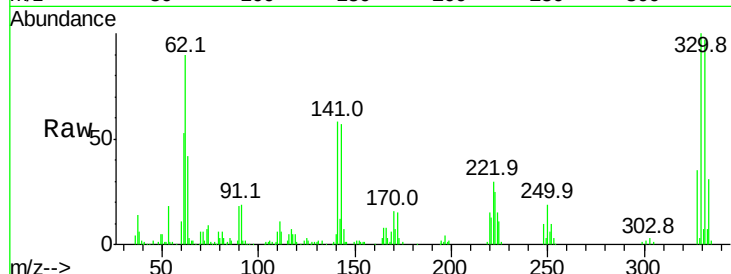
#41
 2,4,6-Tribromophenol
 Concen: 117.77 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	177561		
332	98.0		77.1	115.7
141	44.2		29.8	44.8

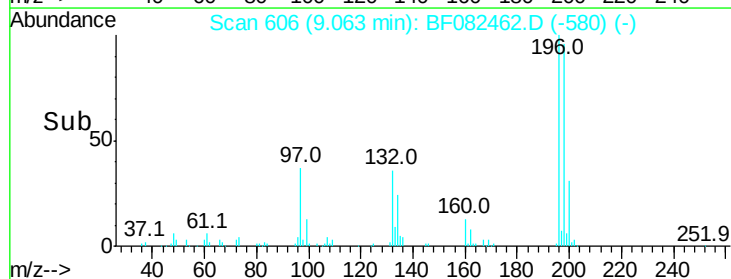
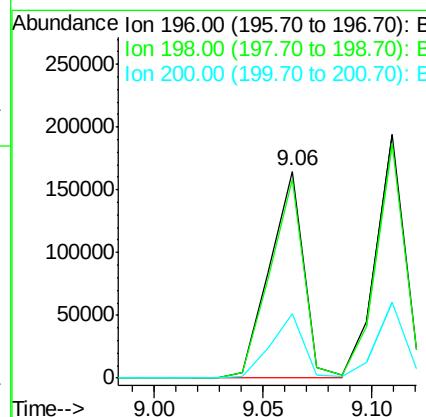
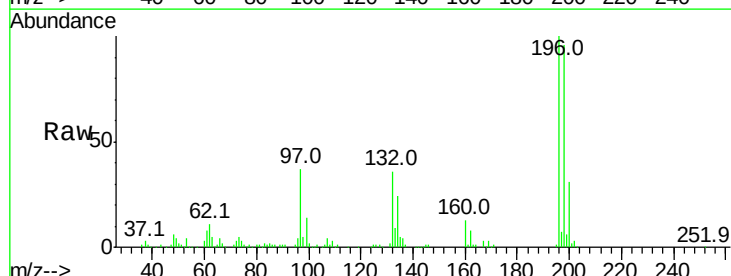
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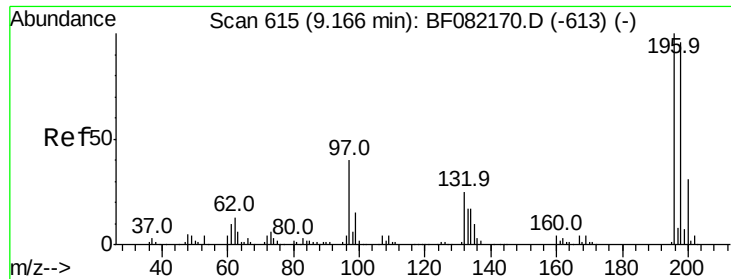
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#42
 2,4,6-Trichlorophenol
 Concen: 57.07 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

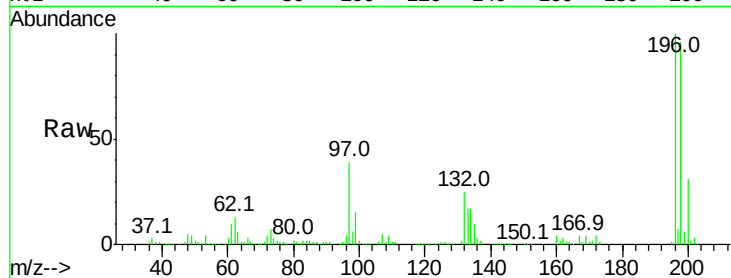
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181245		
198	95.7		76.6	115.0
200	31.0		23.7	35.5





#43
 2,4,5-Trichlorophenol
 Concen: 54.12 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

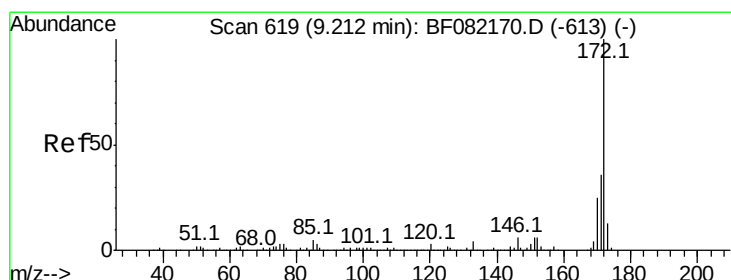
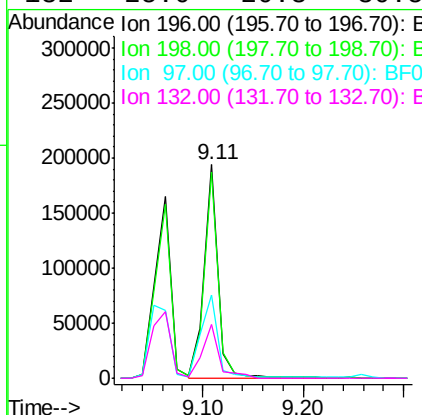
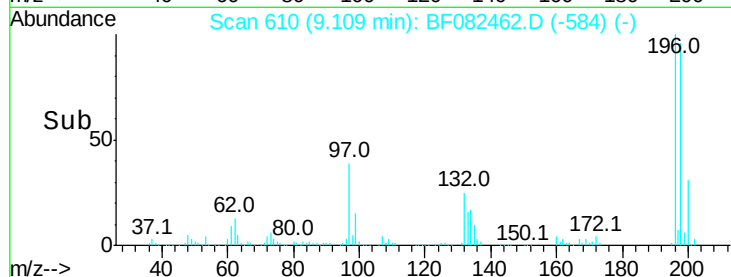
Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD



Tot Ion	196	Resp	186201
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.0	115.4
97	38.9	31.9	47.9
132	25.0	20.3	30.5

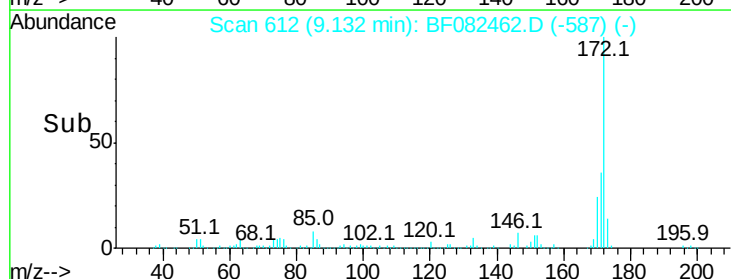
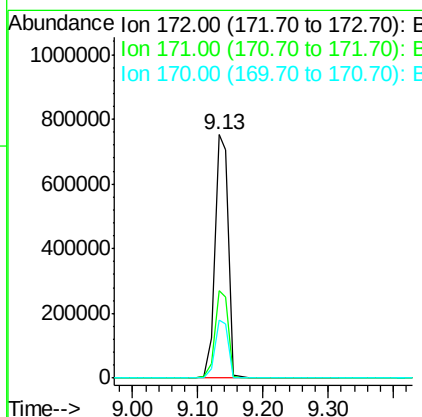
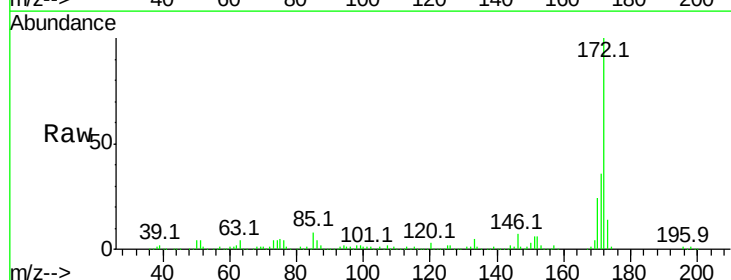
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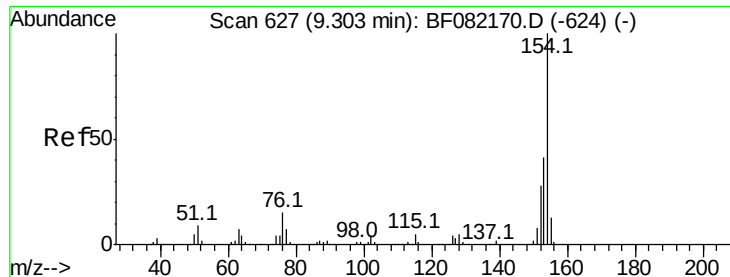
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#44
 2-Fluorobiphenyl
 Concen: 114.16 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	172	Resp	1106684
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	42.8
170	24.0	19.7	29.5





#45

1,1'-Biphenyl

Concen: 50.63 ng

RT: 9.23 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

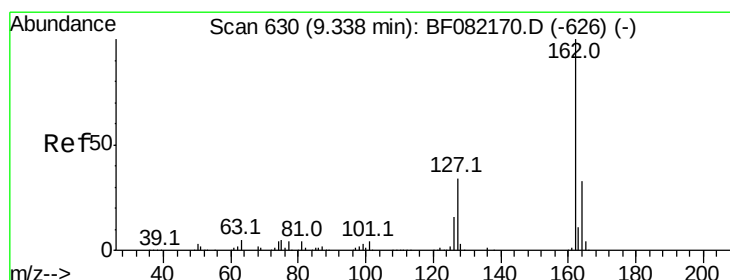
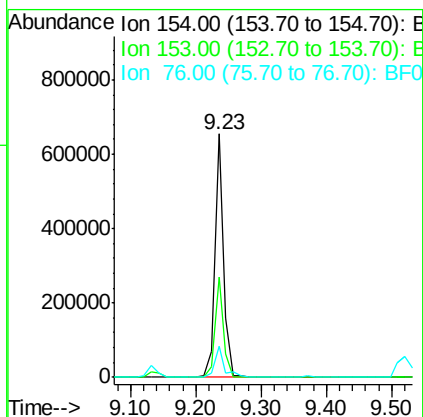
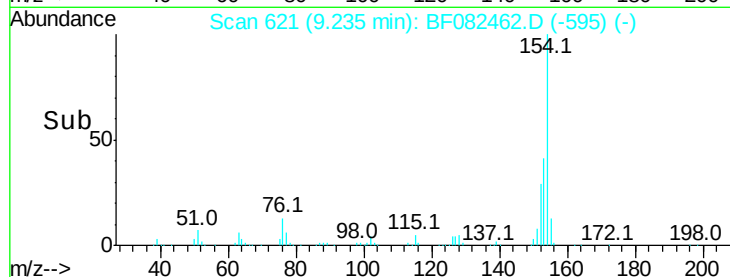
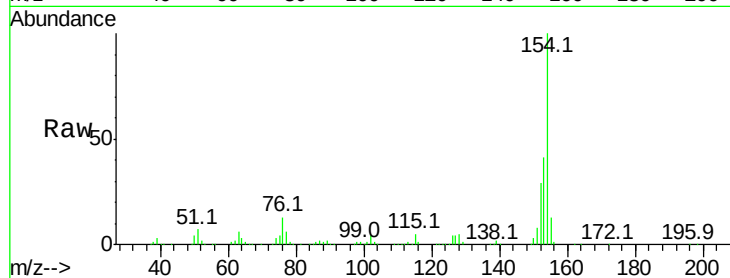
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	154	Resp:	620685
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	13.0	0.0	35.2

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#46

2-Chloronaphthalene

Concen: 51.31 ng

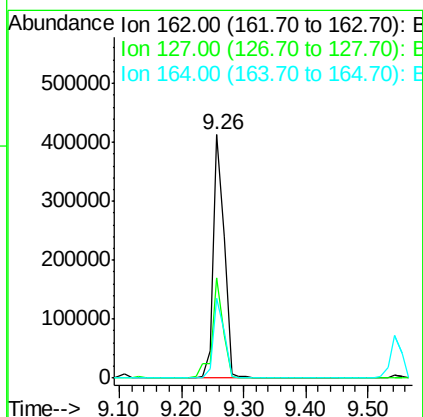
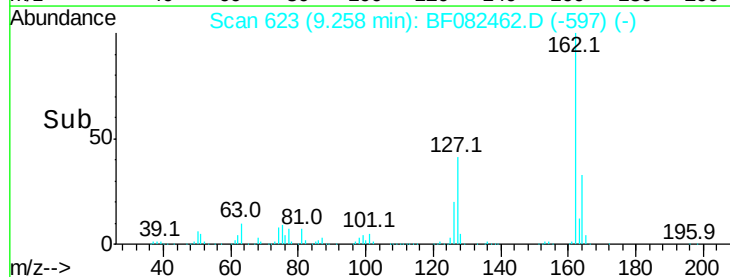
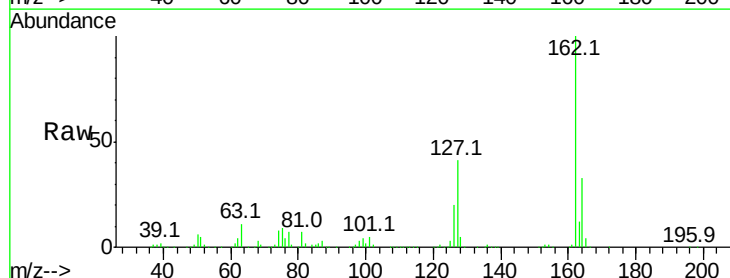
RT: 9.26 min Scan# 623

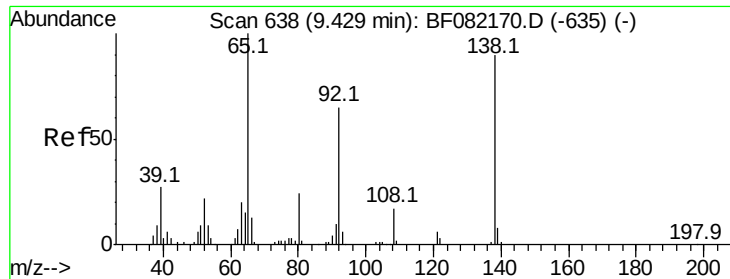
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	162	Resp:	495124
Ion Ratio	Lower	Upper	
162	100		
127	41.4	27.5	41.3#
164	32.9	26.6	39.8





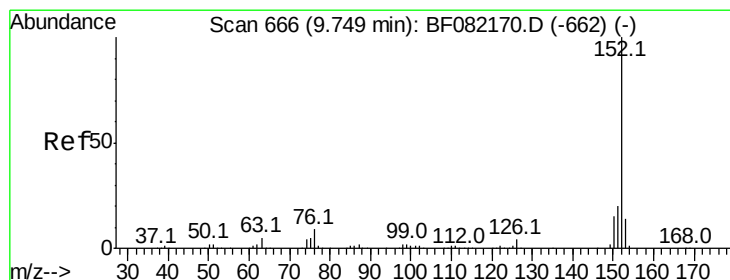
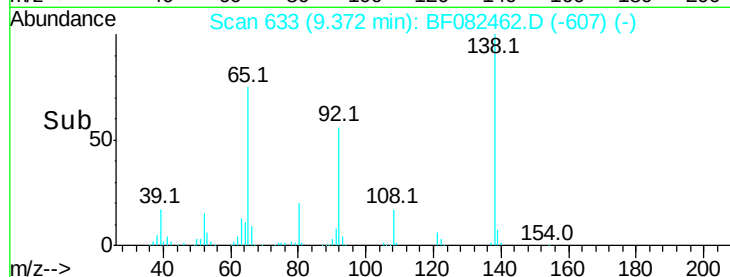
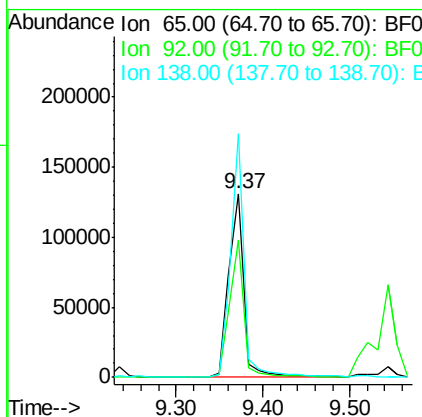
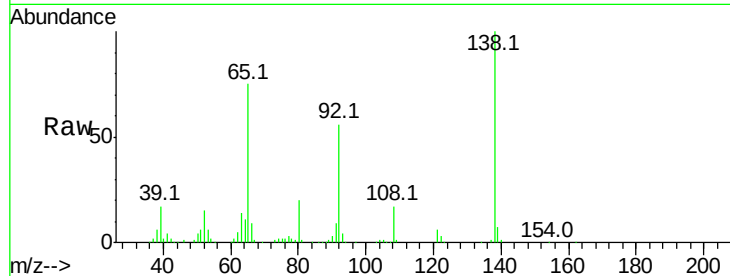
#47
2-Nitroaniline
Concen: 60.28 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159718		
92	74.6	52.3	78.5	
138	132.7	72.2	108.4	

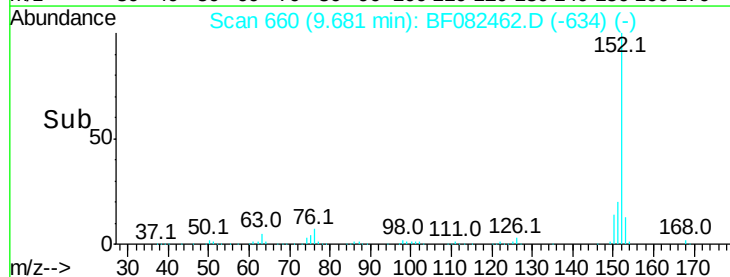
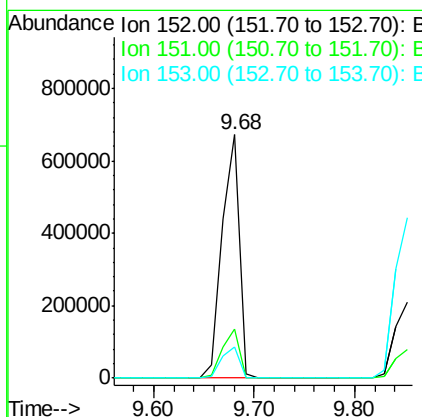
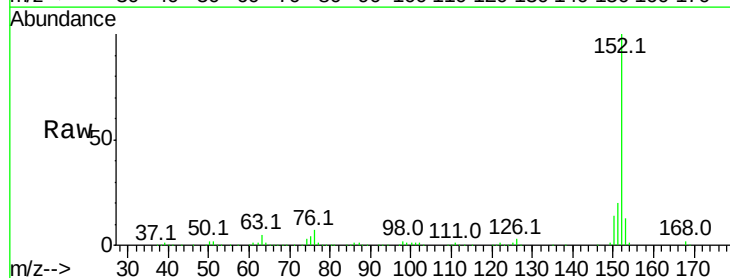
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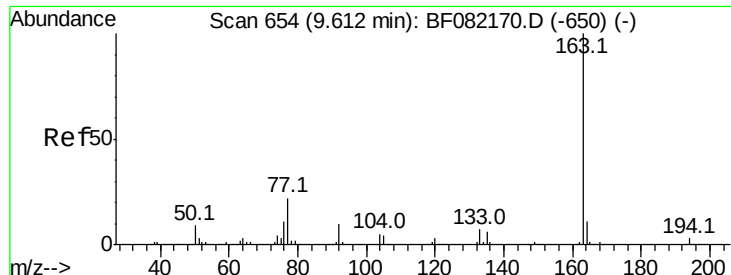
mmdadoda
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#48
Acenaphthylene
Concen: 53.37 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	802354		
151	20.4	16.4	24.6	
153	13.0	10.8	16.2	





#49

Dimethylphthalate

Concen: 79.25 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

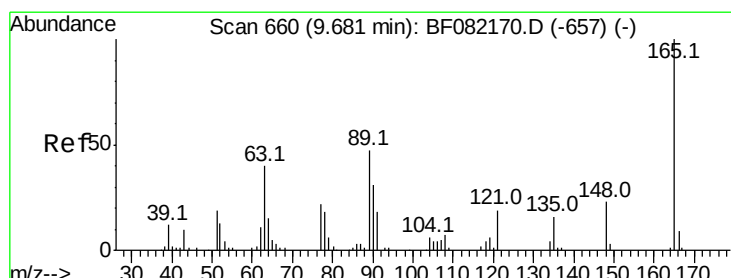
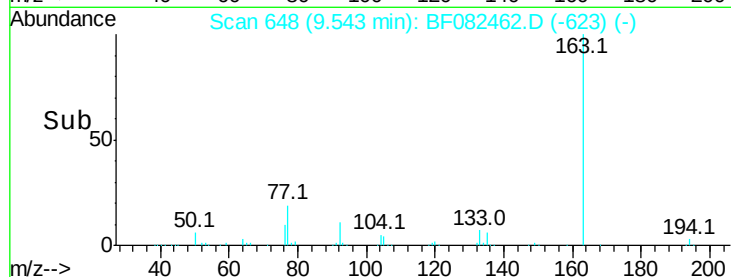
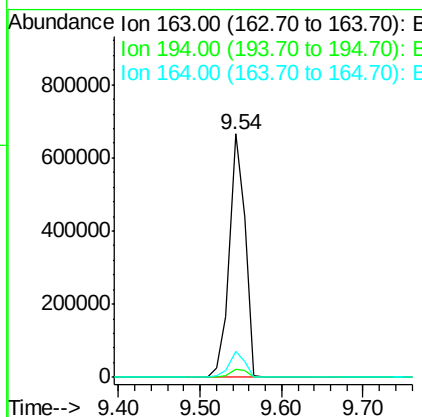
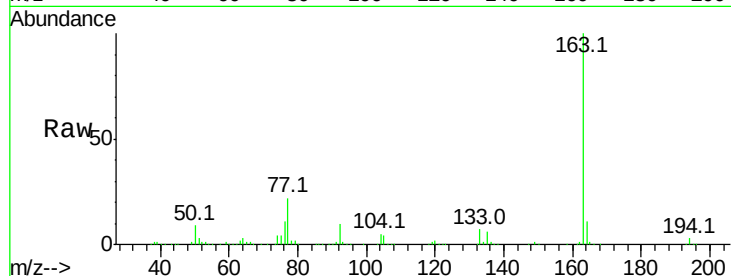
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	163	Resp:	897187
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.8	8.5	12.7

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#50

2,6-Dinitrotoluene

Concen: 54.17 ng

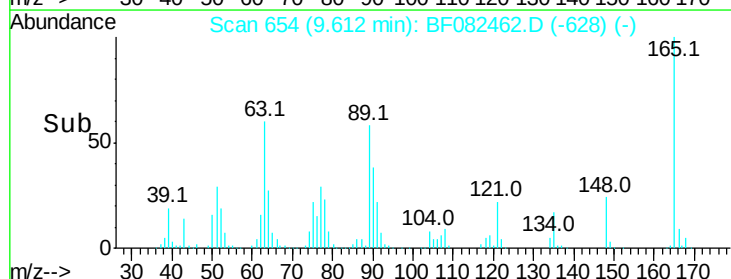
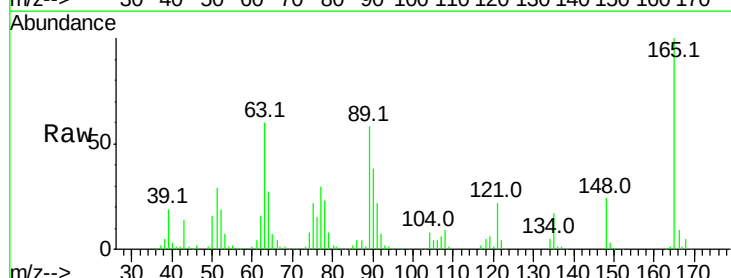
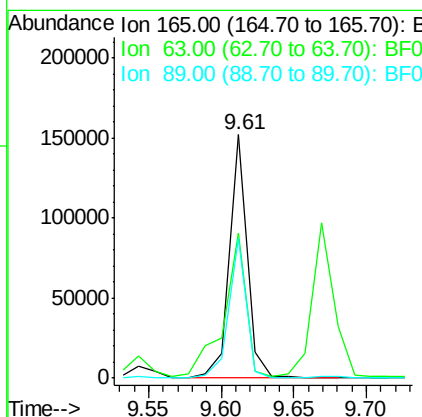
RT: 9.61 min Scan# 654

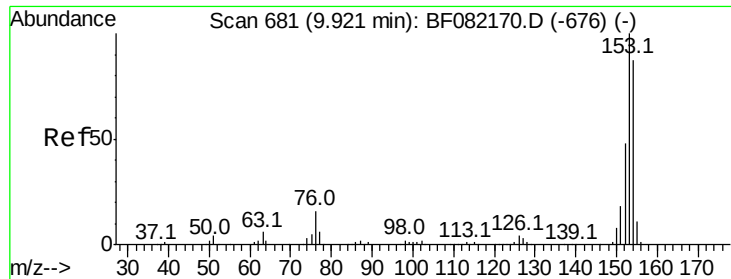
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	165	Resp:	129404
Ion Ratio	Lower	Upper	
165	100		
63	59.6	36.7	55.1#
89	57.6	37.8	56.6#





#51

Acenaphthene

Concen: 51.85 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

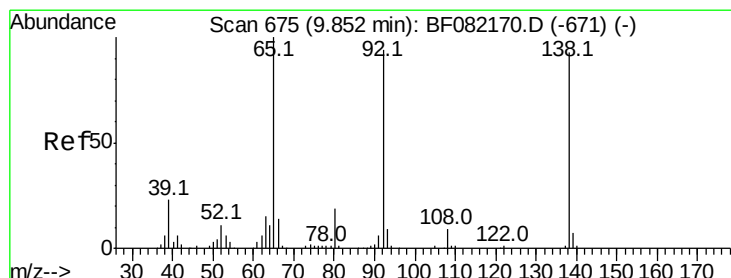
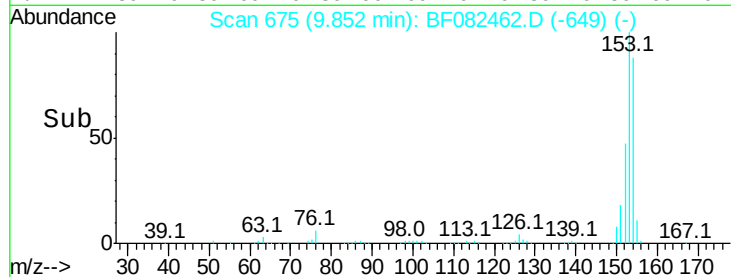
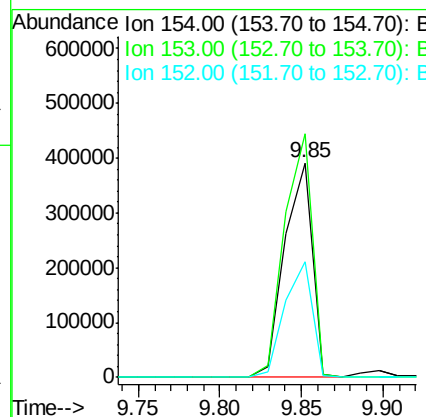
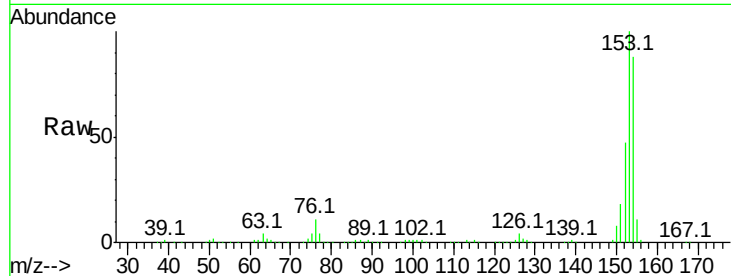
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	154	Resp:	467903
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.4	137.2
152	53.7	44.3	66.5

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#52

3-Nitroaniline

Concen: 35.31 ng

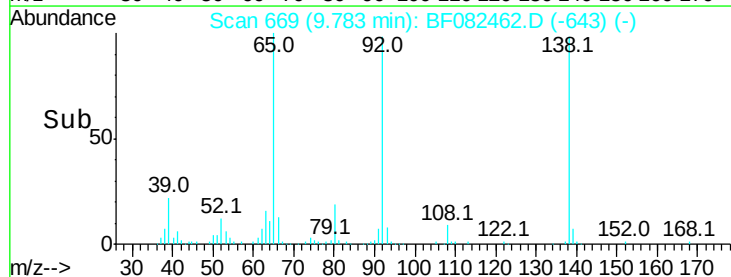
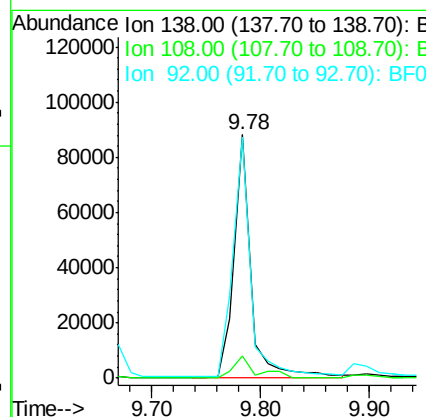
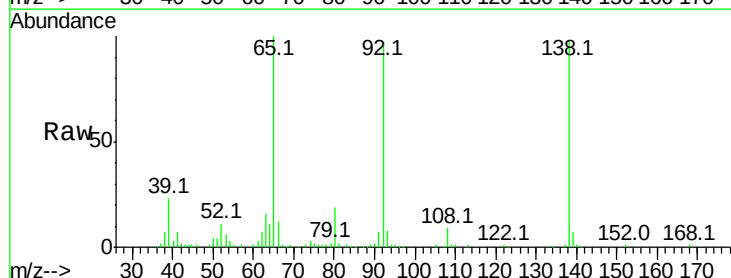
RT: 9.78 min Scan# 669

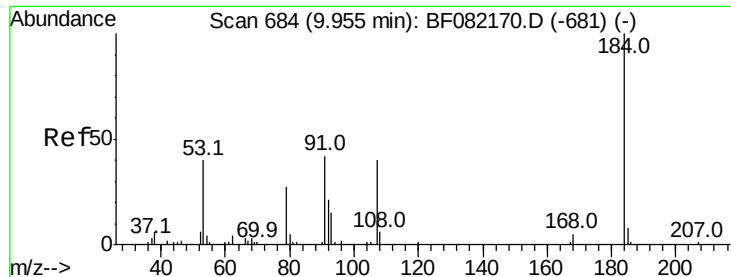
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	138	Resp:	95281
Ion Ratio	Lower	Upper	
138	100		
108	8.9	7.4	11.0
92	99.2	81.3	121.9





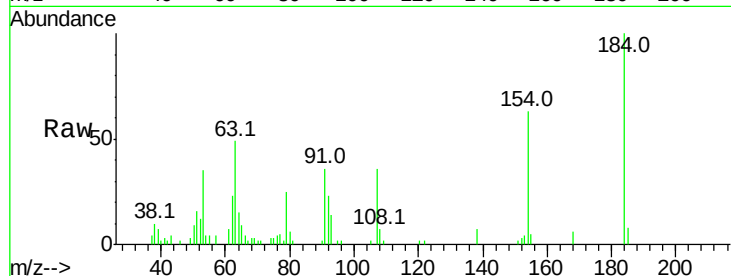
#53
2,4-Dinitrophenol
Concen: 27.59 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

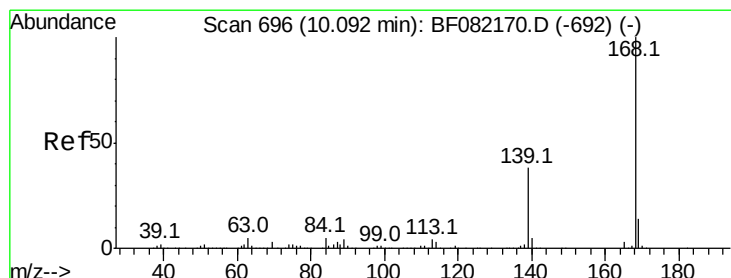
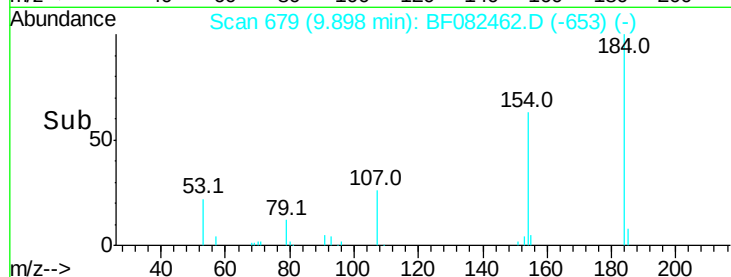
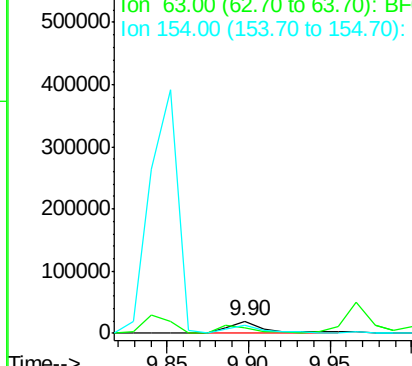
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.8	45.1	67.7	
154	62.6	51.2	76.8	

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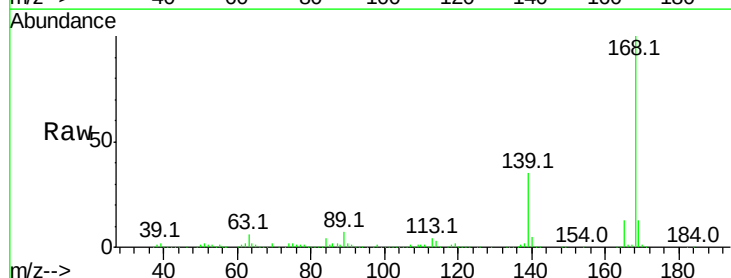


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

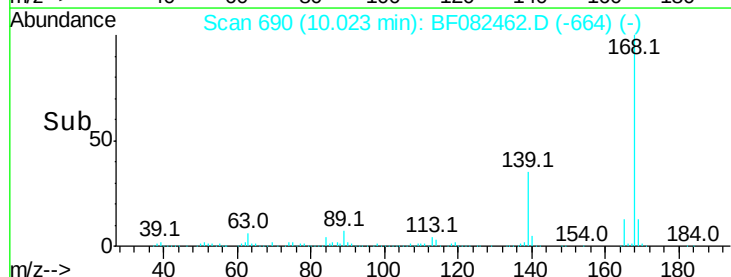
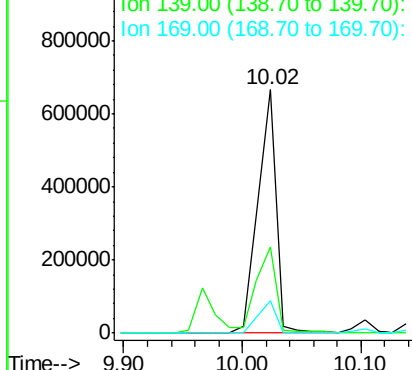


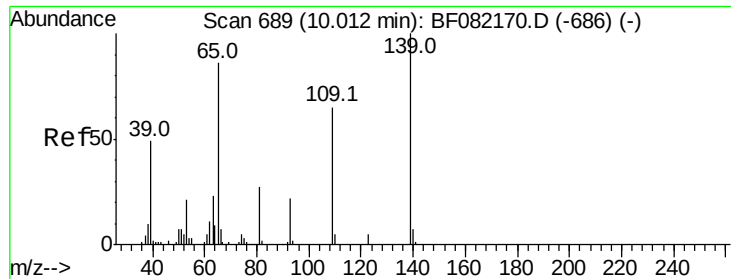
#54
Dibenzofuran
Concen: 57.69 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.5	31.0	46.6	
169	13.3	10.9	16.3	



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





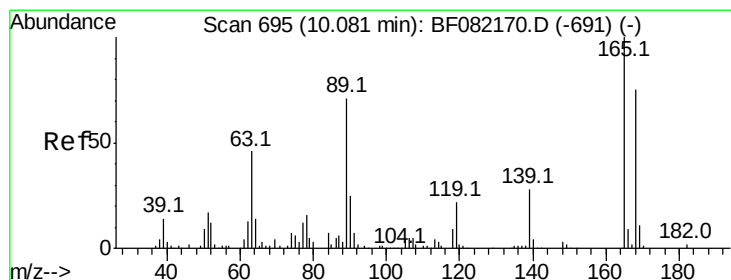
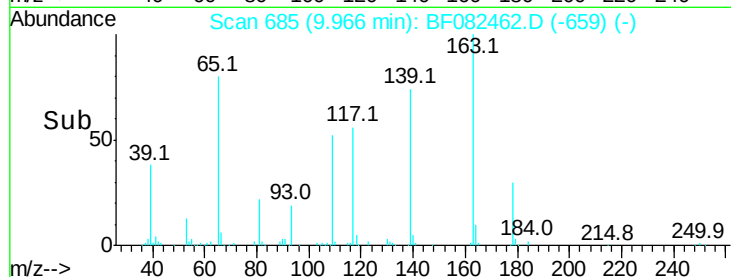
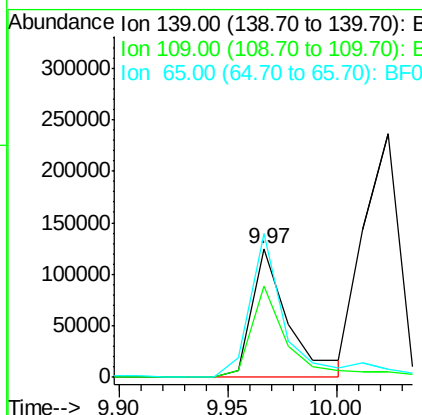
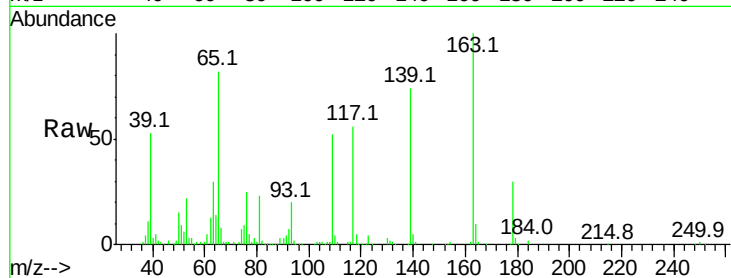
#55
4-Nitrophenol
Concen: 79.64 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.2	44.8	84.8	
65	111.6	67.7	107.7	

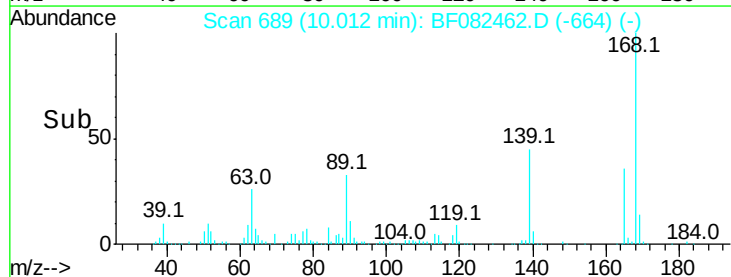
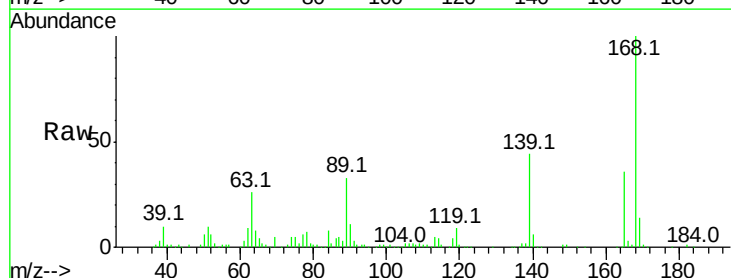
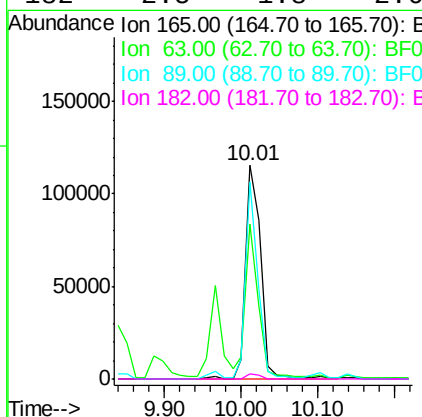
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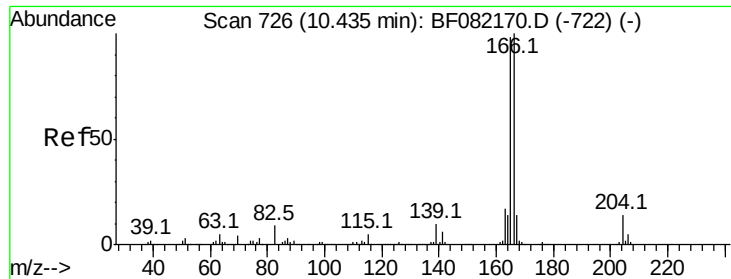
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#56
2,4-Dinitrotoluene
Concen: 52.53 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.5	38.6	58.0	
89	92.2	57.0	85.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 55.12 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

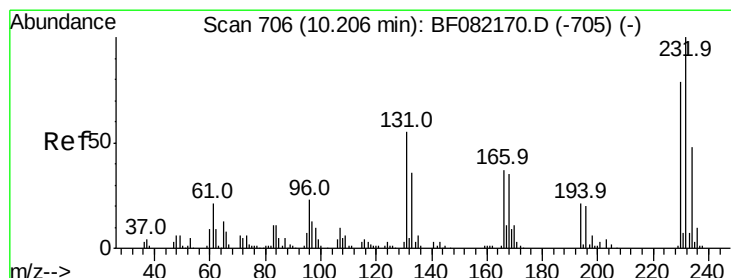
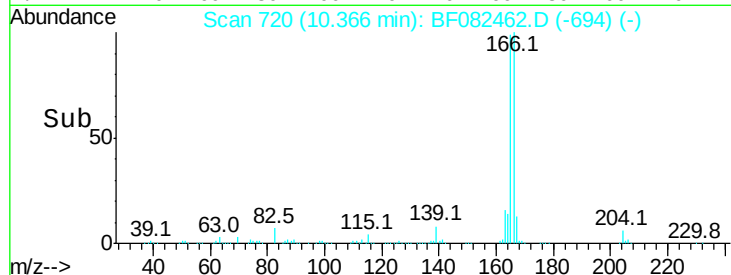
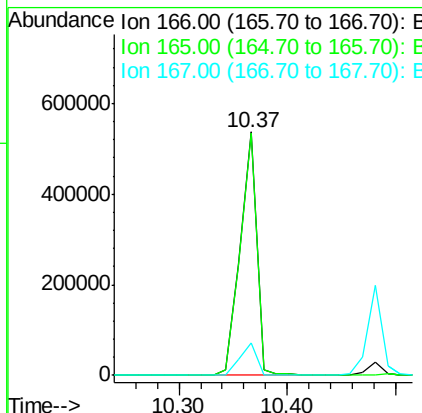
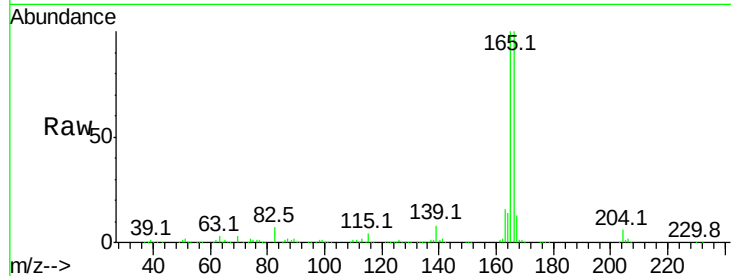
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	166	Resp:	560992
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.3	117.5
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.26 ng

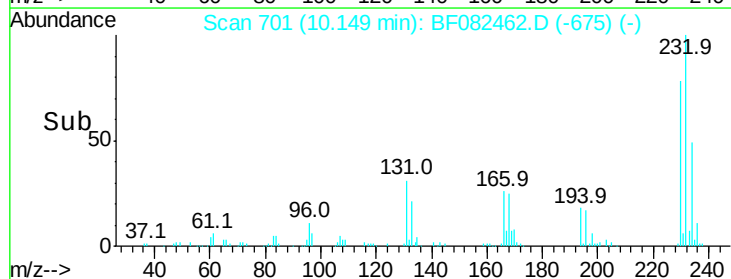
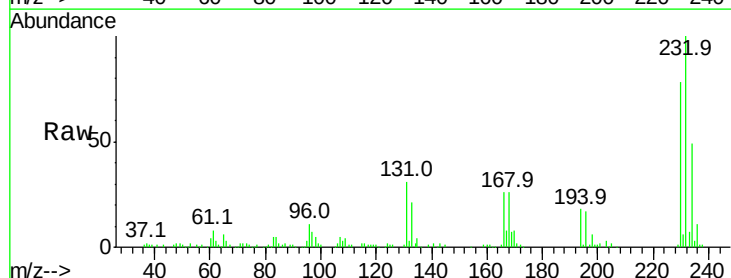
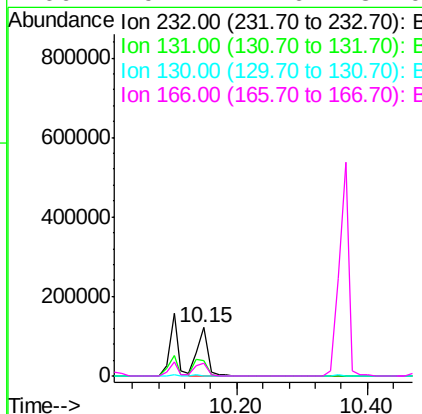
RT: 10.15 min Scan# 701

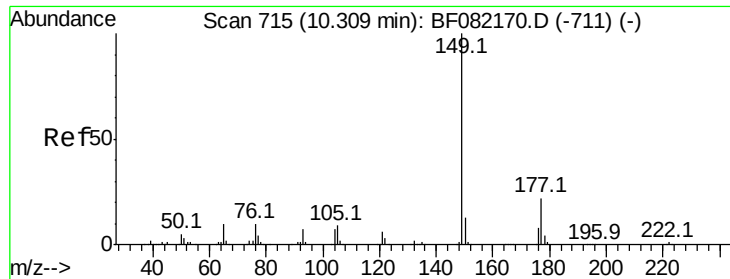
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	232	Resp:	141294
Ion Ratio	Lower	Upper	
232	100		
131	43.0	36.6	54.8
130	1.9	1.5	2.3
166	29.1	24.6	37.0





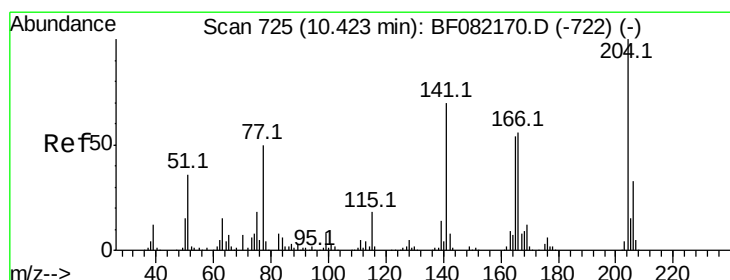
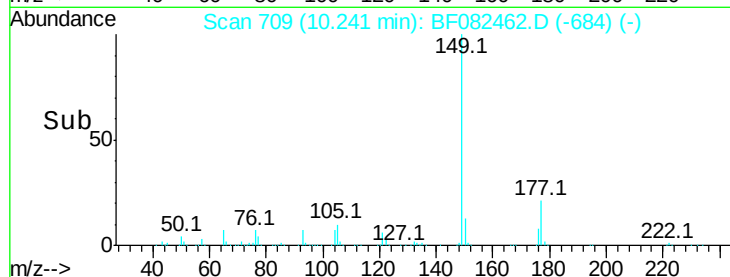
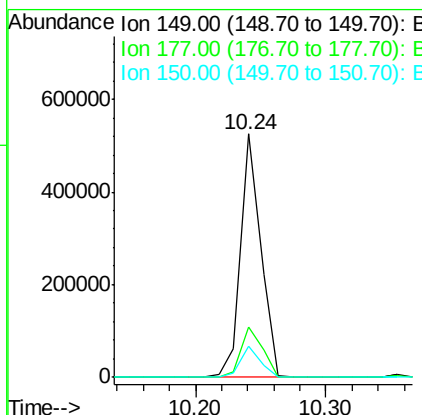
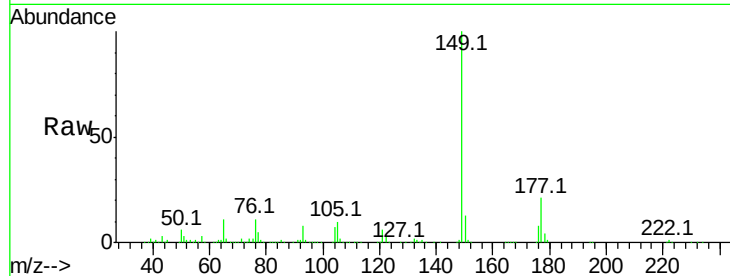
#59
Diethylphthalate
Concen: 53.22 ng
RT: 10.24 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	561563		
177	20.9	17.6	26.4	
150	12.7	10.3	15.5	

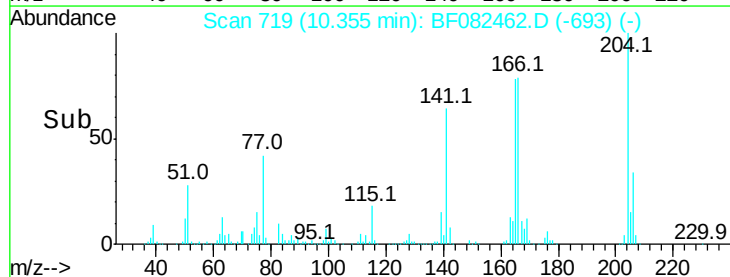
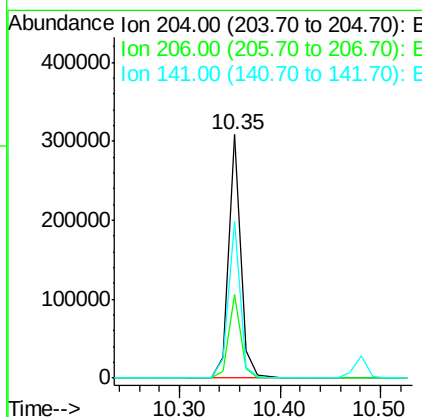
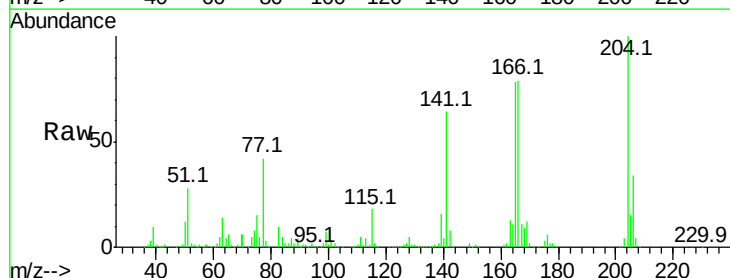
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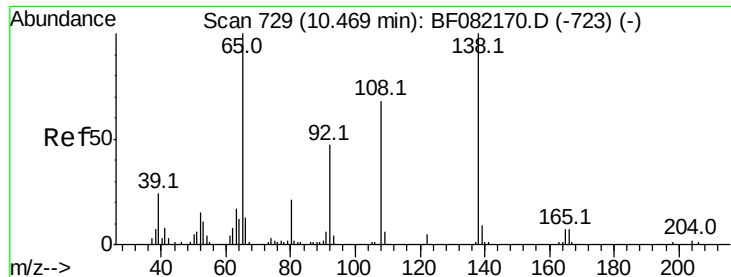
mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 55.34 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257999		
206	34.4	26.8	40.2	
141	64.5	56.1	84.1	





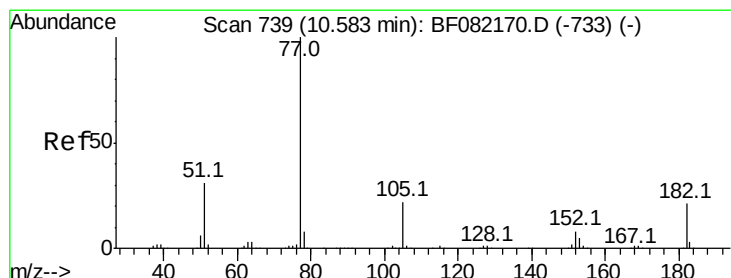
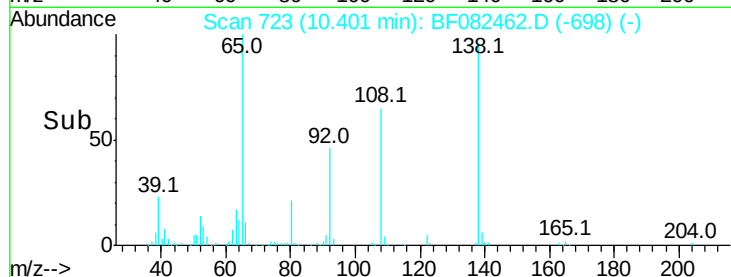
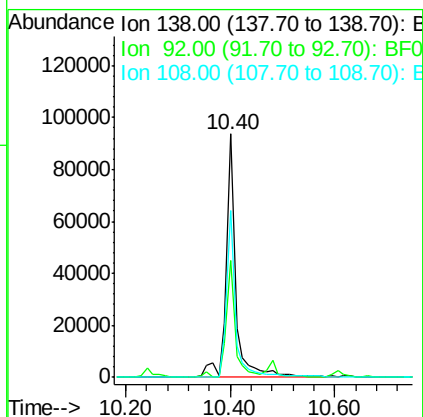
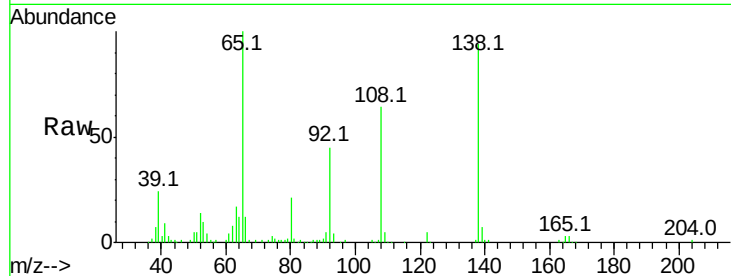
#61
4-Nitroaniline
Concen: 46.13 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	26.8	66.8
108	68.4	48.4	88.4

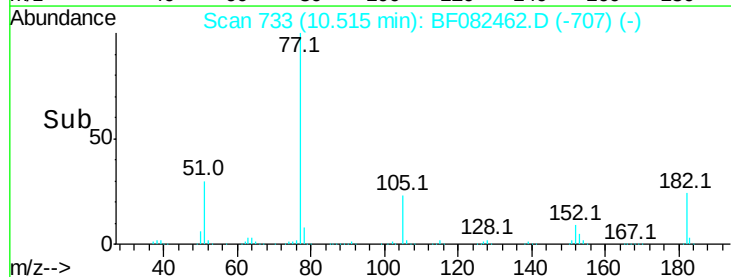
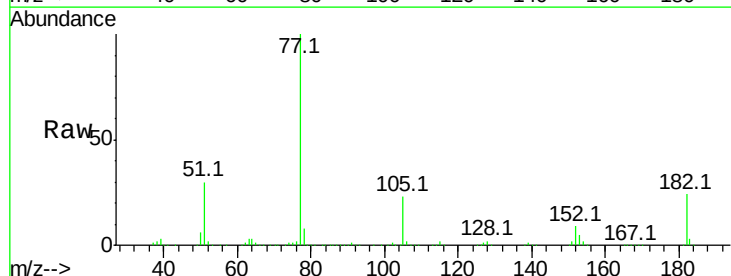
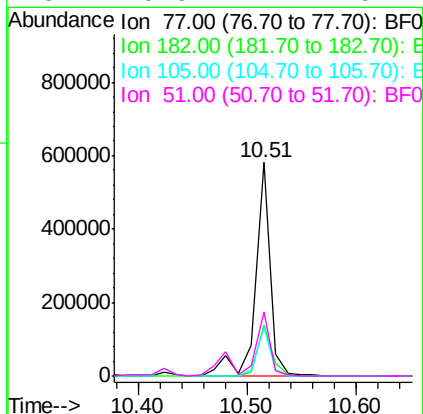
Manual Integrations
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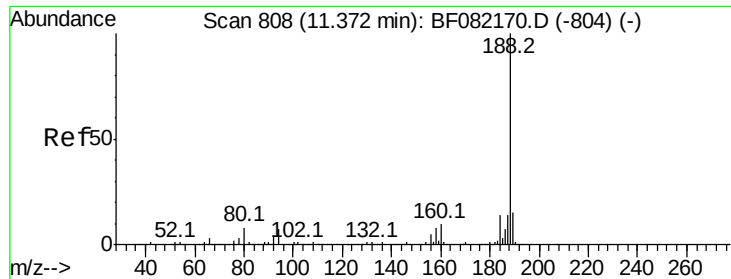
mmdadoda
10/23/2015 4:45:29 PM



#62
Azobenzene
Concen: 54.02 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.5	40.5
105	22.9	1.8	41.8
51	29.9	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

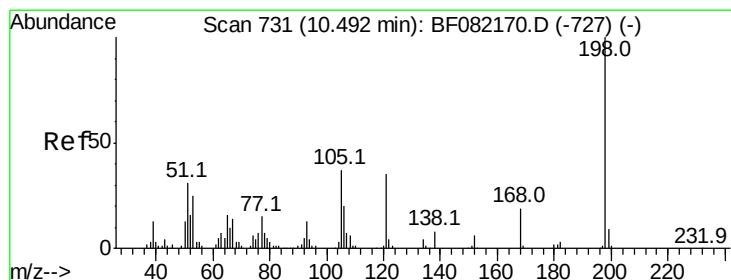
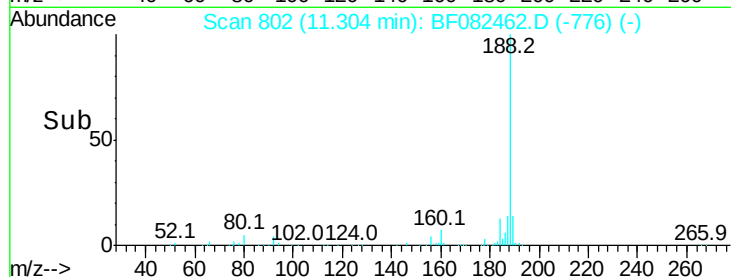
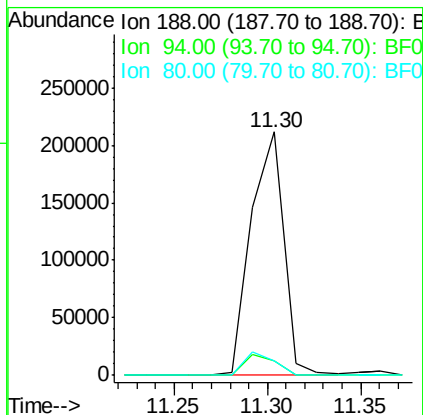
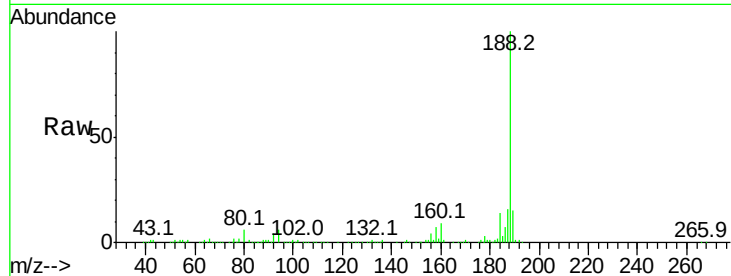
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:188	Resp:	257349
Ion Ratio	Lower	Upper
188 100		
94 5.9	5.8	8.6
80 6.1	6.4	9.6#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 27.52 ng

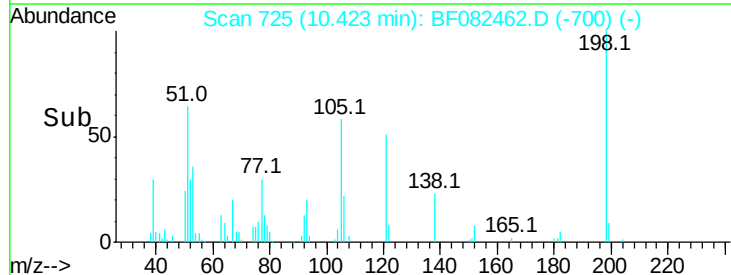
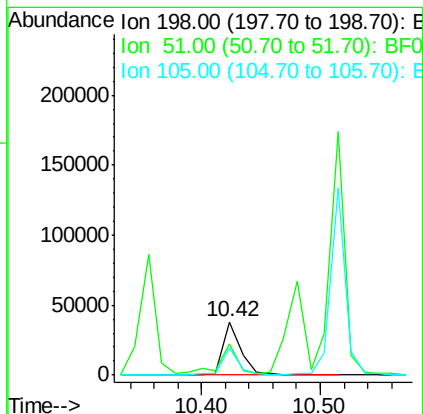
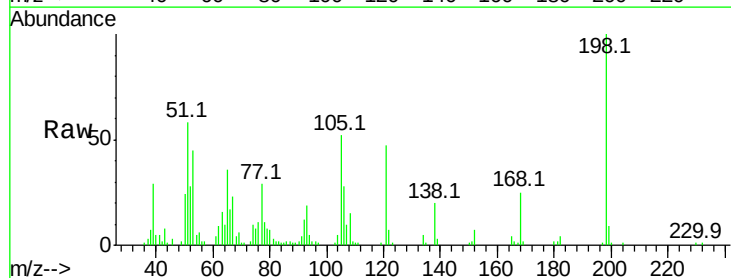
RT: 10.42 min Scan# 725

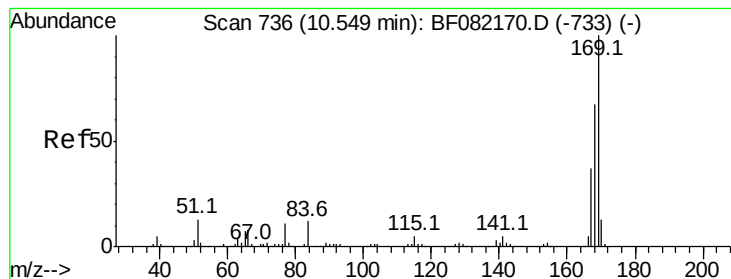
Delta R.T. -0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:198	Resp:	39742
Ion Ratio	Lower	Upper
198 100		
51 57.6	13.6	53.6#
105 52.4	17.1	57.1





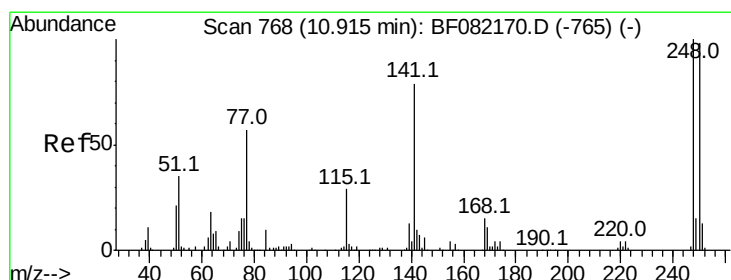
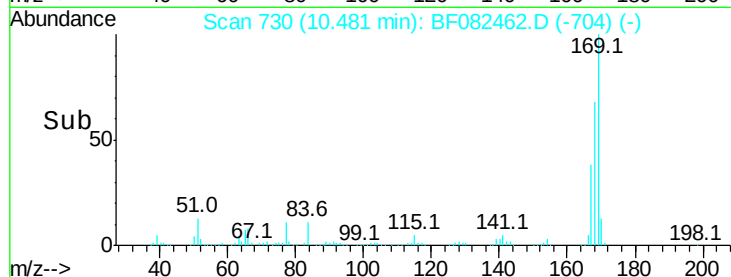
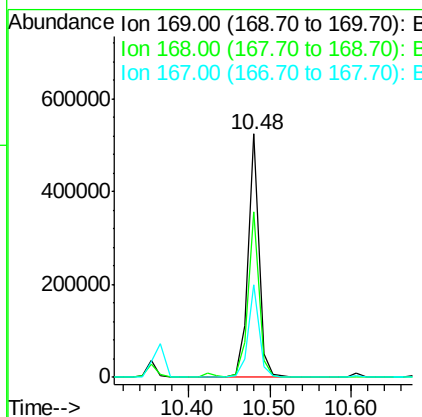
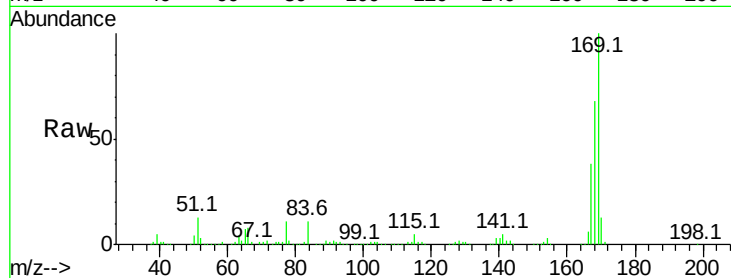
#65
 n-Nitrosodiphenylamine
 Concen: 63.16 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	54.0	81.0	
167	37.9	29.6	44.4	

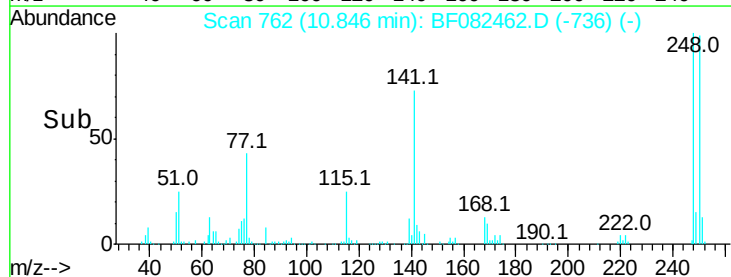
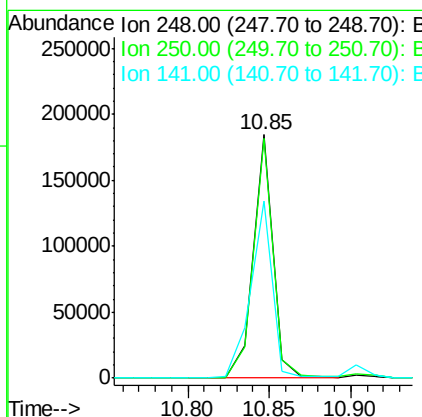
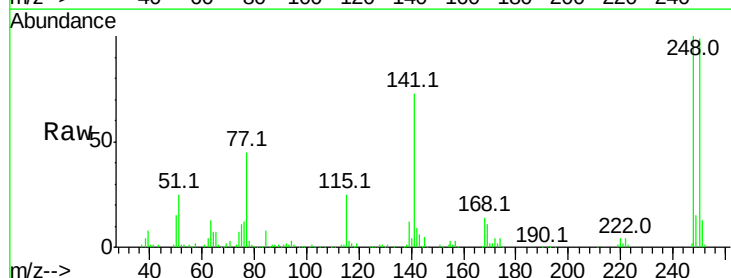
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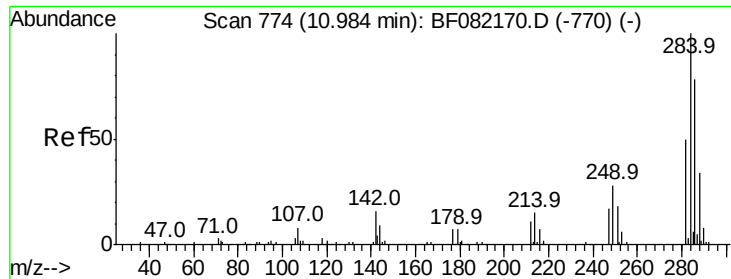
mmdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 60.65 ng
 RT: 10.85 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.5	78.6	117.8	
141	72.9	63.3	94.9	





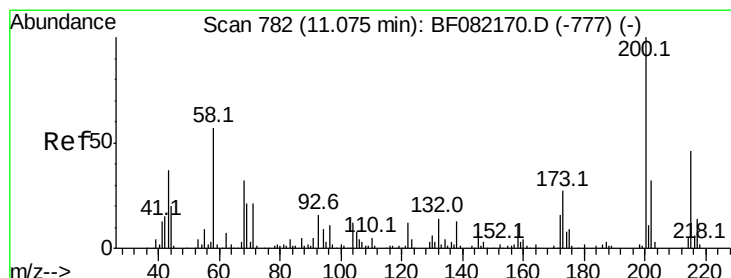
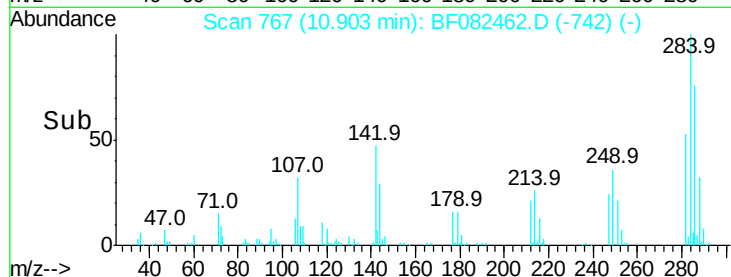
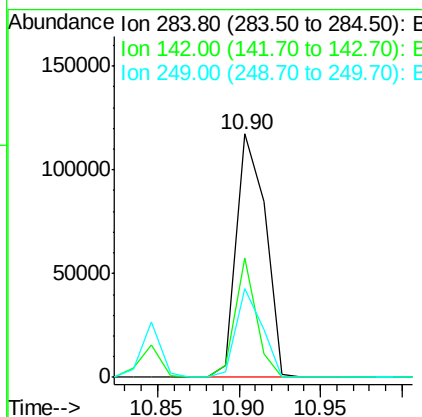
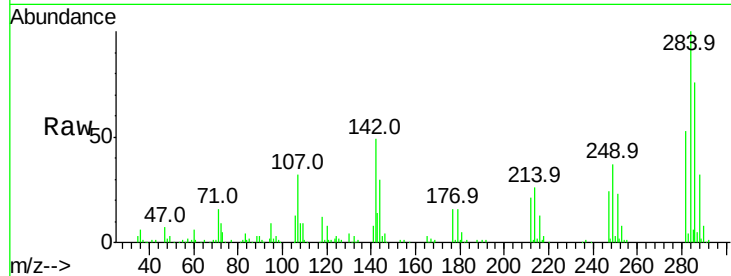
#67
Hexachlorobenzene
Concen: 51.63 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	143801		
142	49.0	13.0	19.6#	
249	36.7	22.5	33.7#	

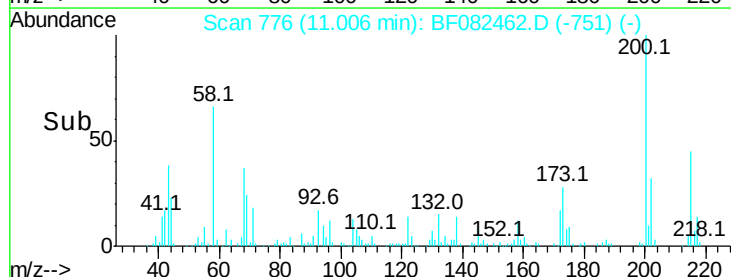
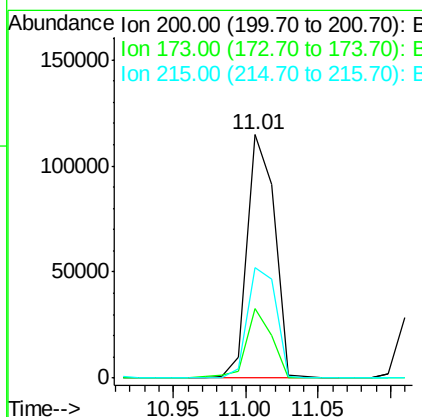
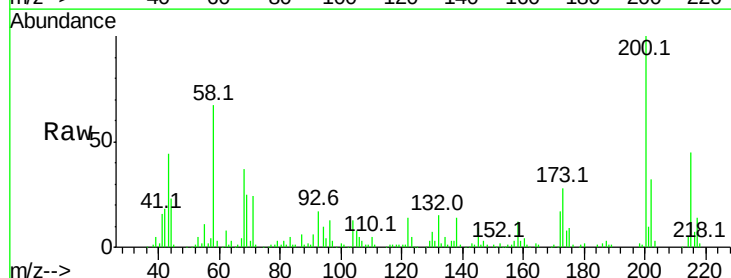
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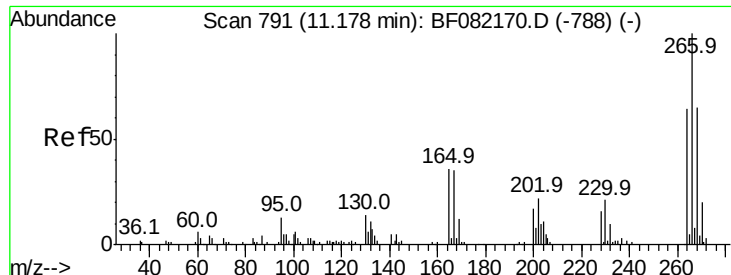
mmdadoda
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#68
Atrazine
Concen: 61.53 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150209		
173	28.5	7.3	47.3	
215	45.3	26.2	66.2	





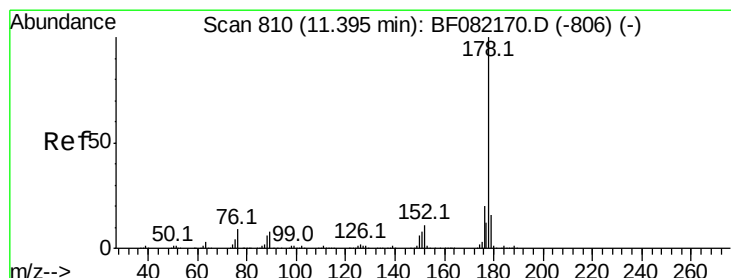
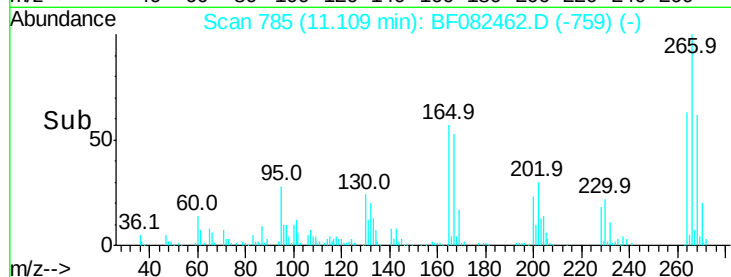
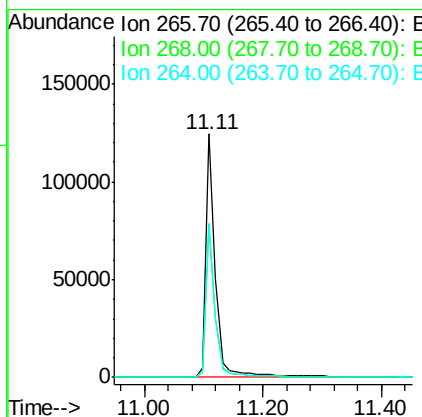
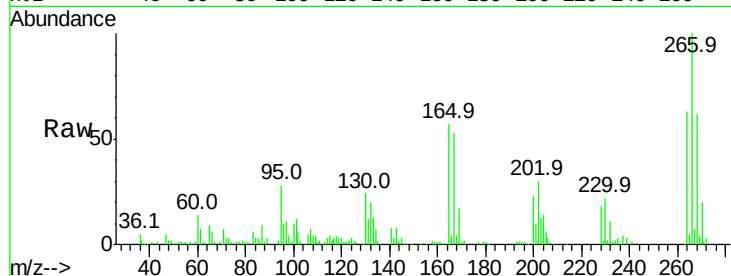
#69
 Pentachlorophenol
 Concen: 99.70 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	142896		
268	62.5	52.0	78.0	
264	63.2	51.4	77.0	

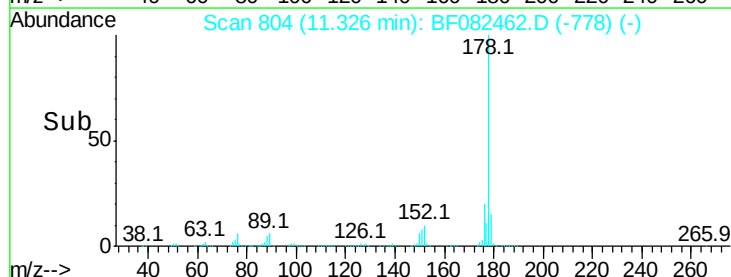
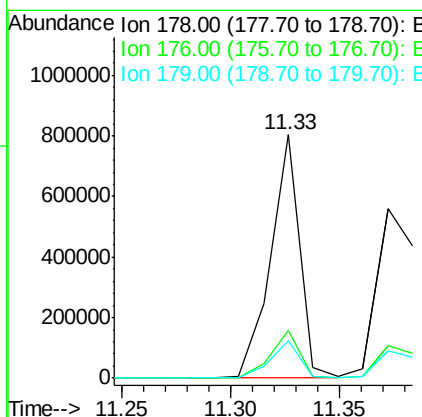
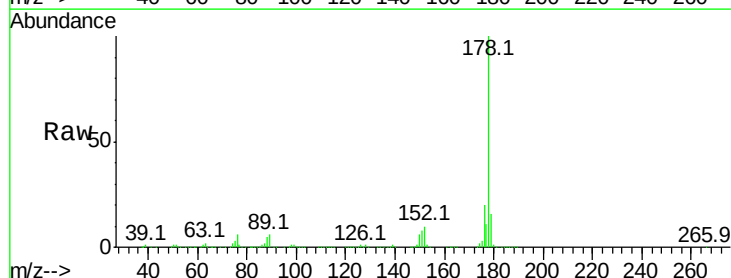
Manual Integrations
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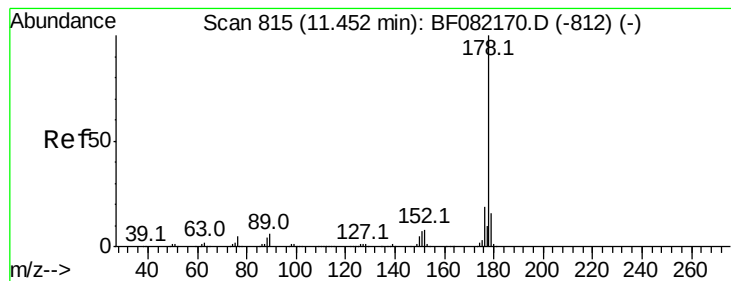
mmdadoda
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#70
 Phenanthrene
 Concen: 60.00 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	756896		
176	19.8	16.0	24.0	
179	15.5	12.6	19.0	





#71

Anthracene

Concen: 56.58 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

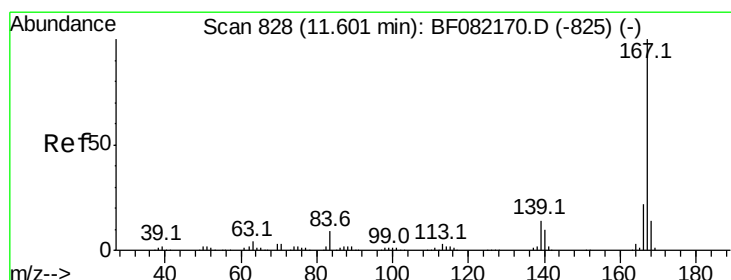
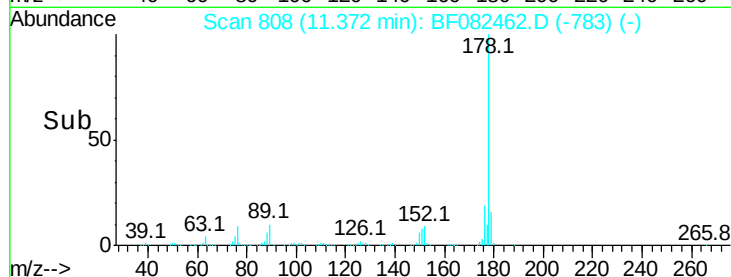
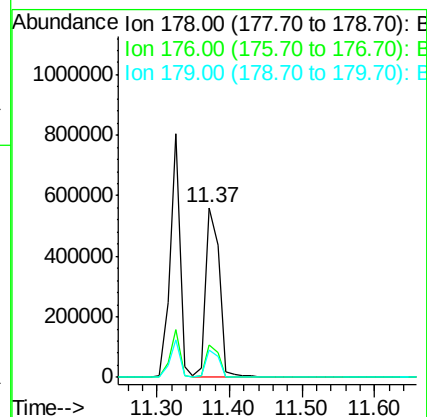
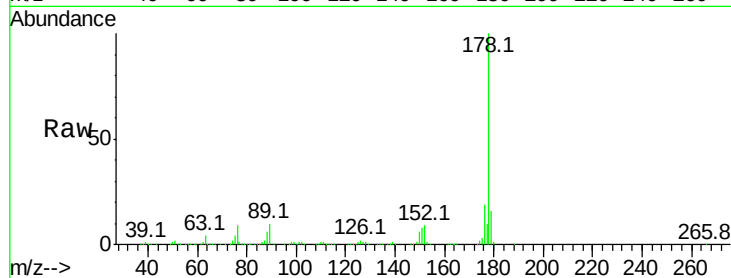
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	178	Resp:	735416
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.2	12.5	18.7

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#72

Carbazole

Concen: 57.26 ng

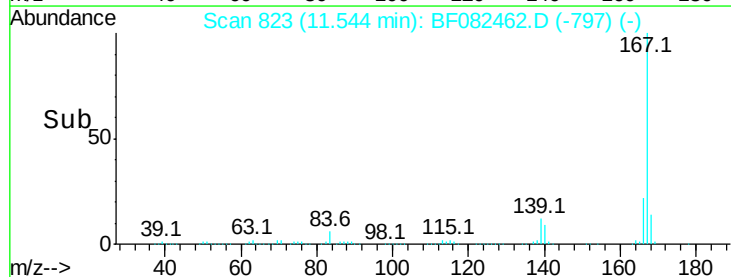
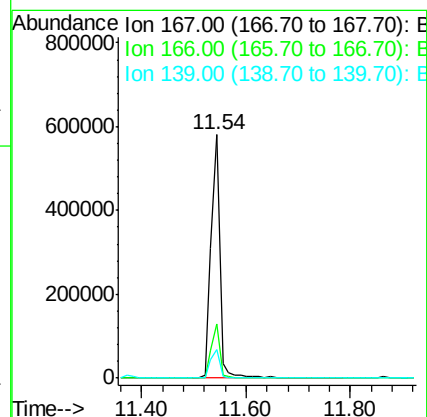
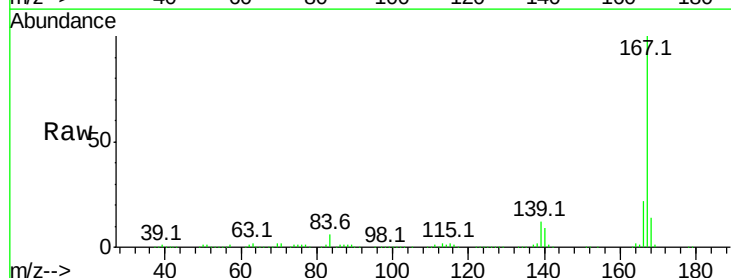
RT: 11.54 min Scan# 823

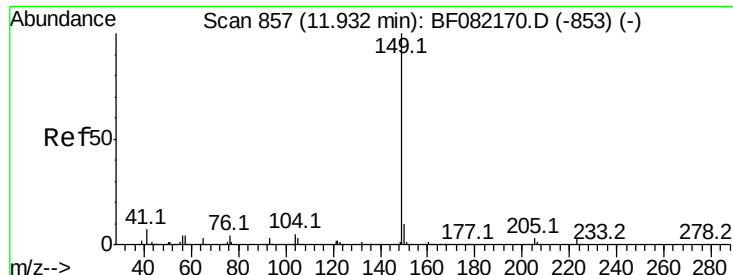
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	167	Resp:	679019
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.3	25.9
139	11.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 54.84 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

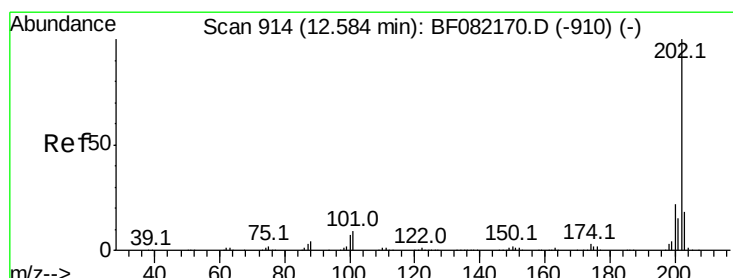
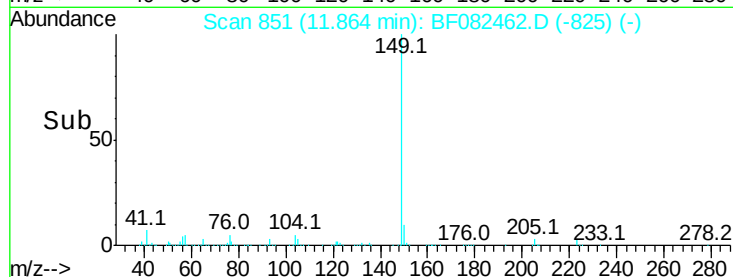
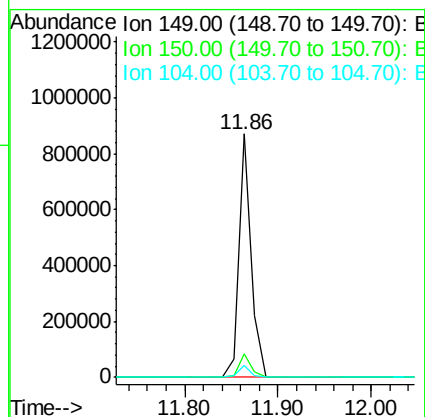
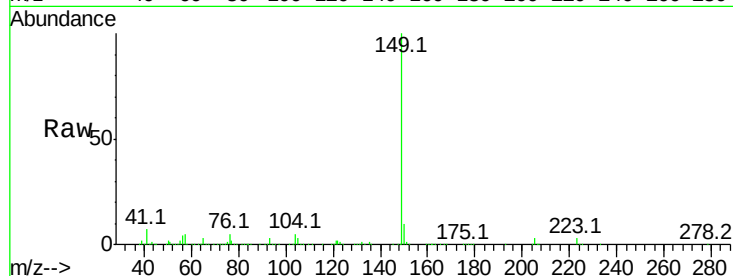
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	149	Resp:	802137
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 51.45 ng

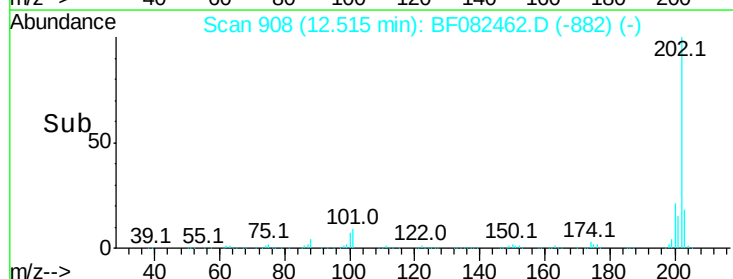
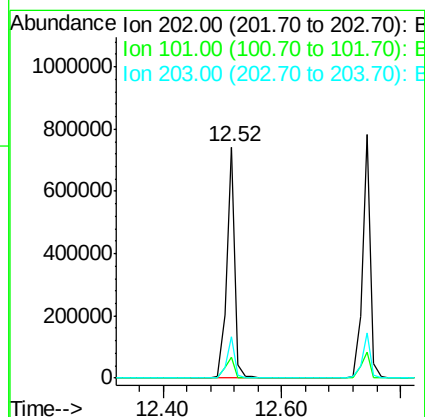
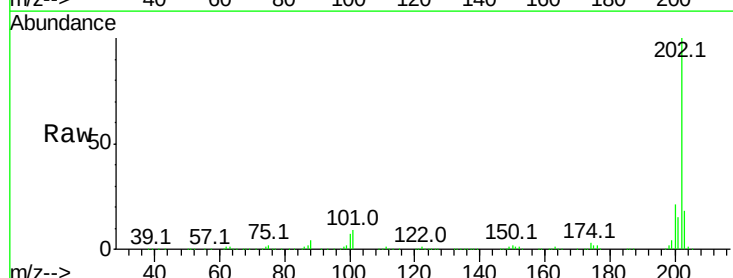
RT: 12.52 min Scan# 908

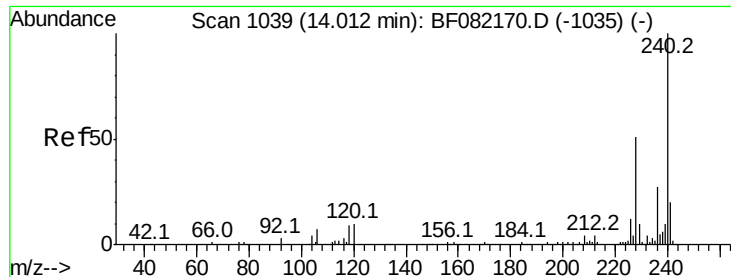
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	202	Resp:	696996
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.3
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

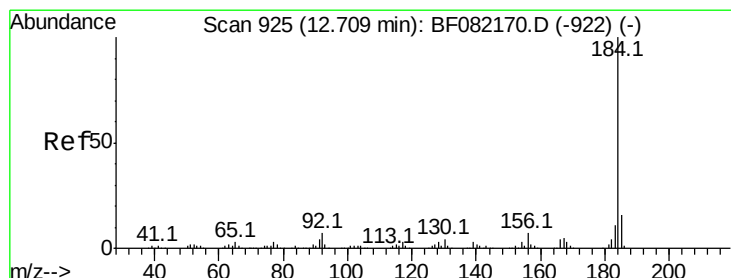
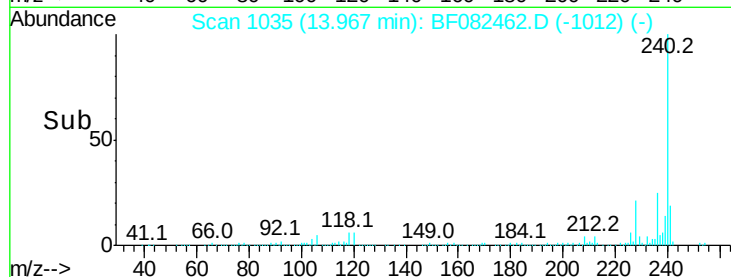
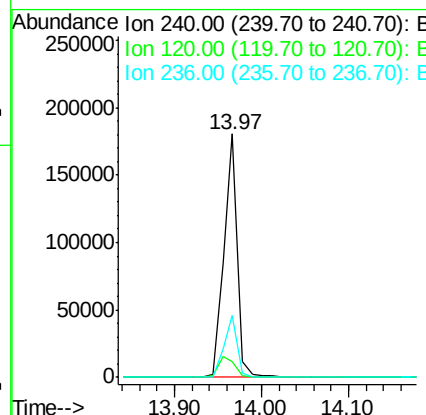
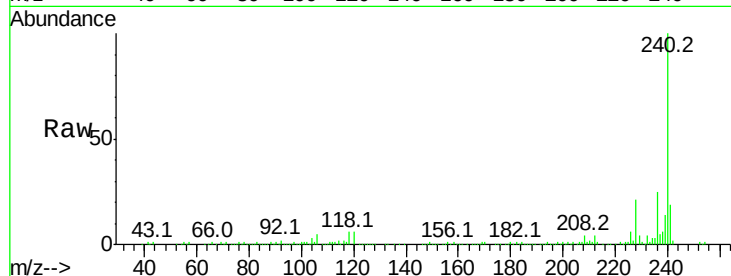
ClientSampleId :

SB15-17-10-10.5MSD

Tot Ion:	240	Resp:	196352
Ion Ratio	Lower	Upper	
240	100		
120	6.4	8.1	12.1#
236	25.2	21.3	31.9

Manual Integrations
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#76

Benzidine

Concen: 70.42 ng

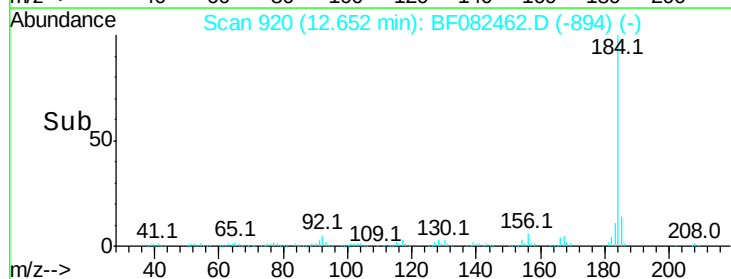
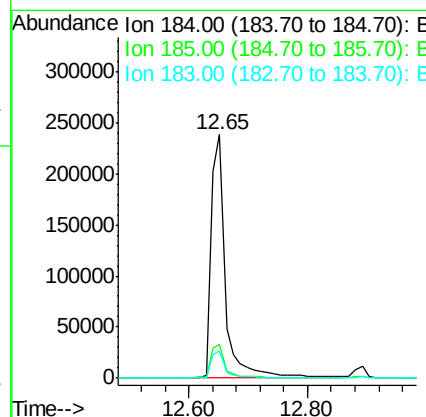
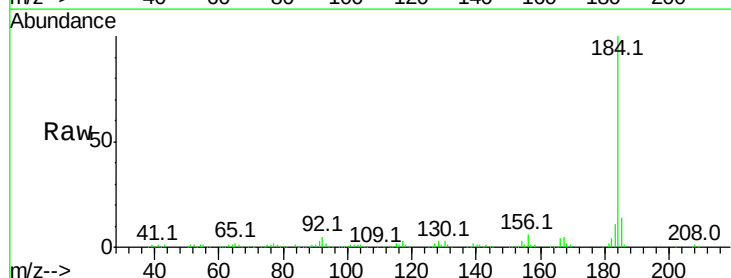
RT: 12.65 min Scan# 920

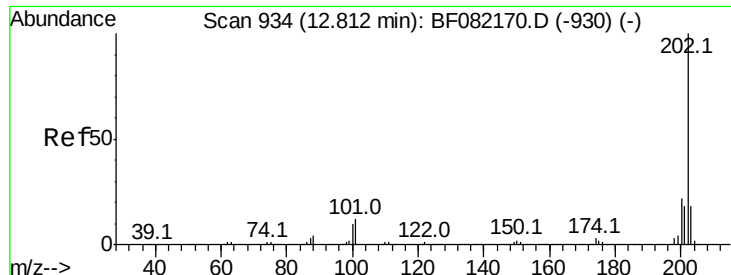
Delta R.T. -0.00 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	184	Resp:	400674
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.5	18.7
183	11.1	9.1	13.7





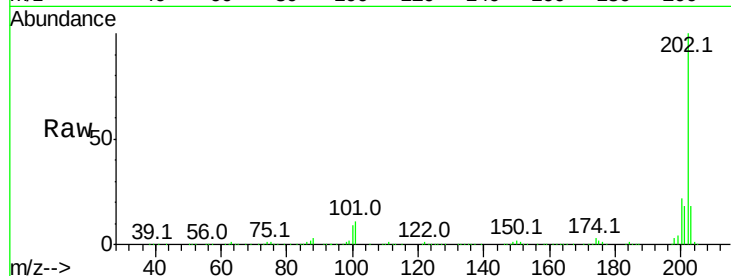
#77
Pvrene
Concen: 61.40 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

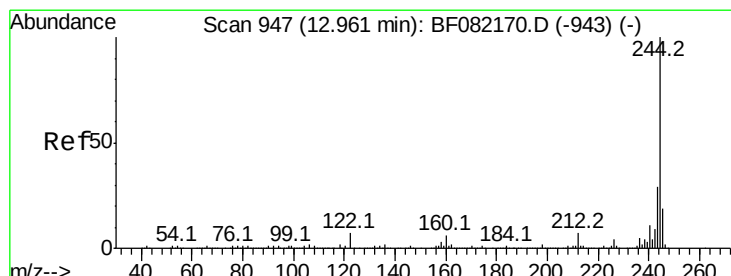
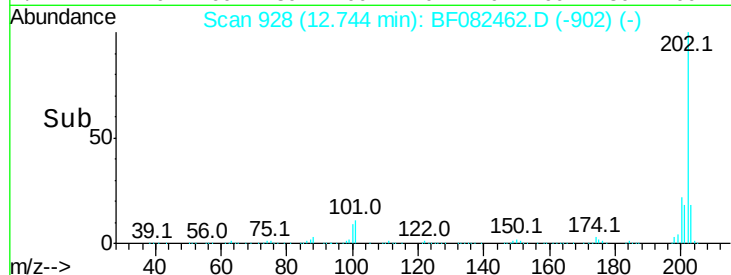
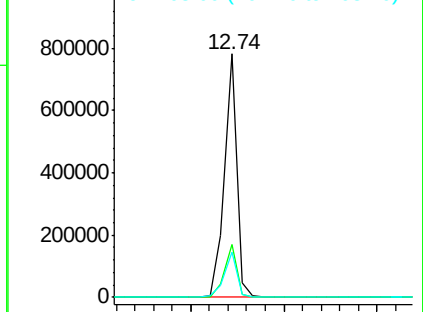
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.4	14.5	21.7

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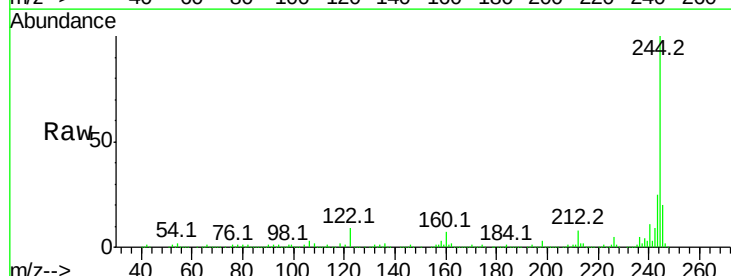


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

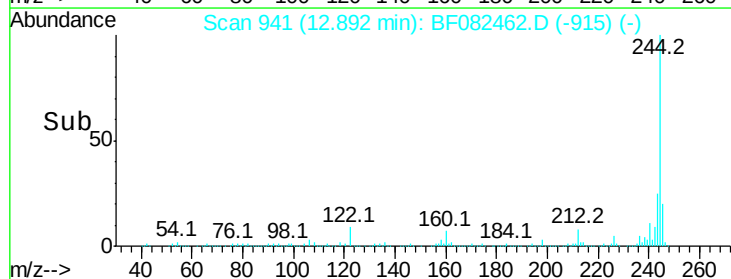
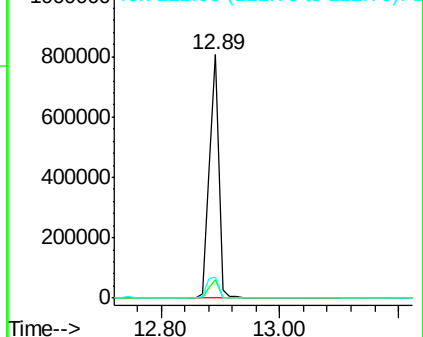


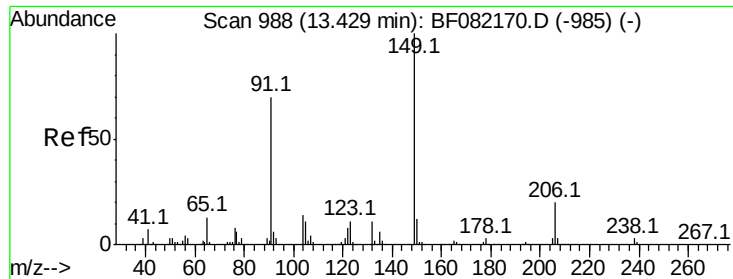
#78
Terphenyl-d14
Concen: 120.06 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.8	8.6
122	8.5	5.9	8.9



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





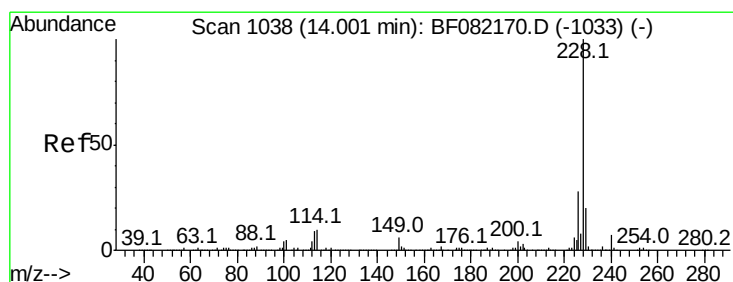
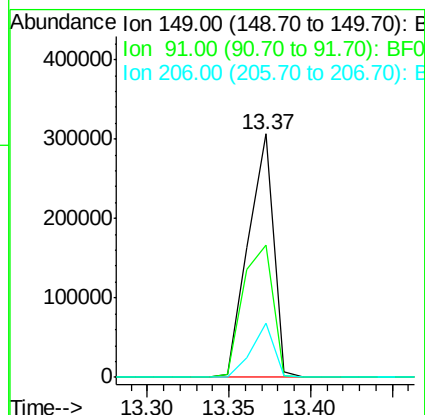
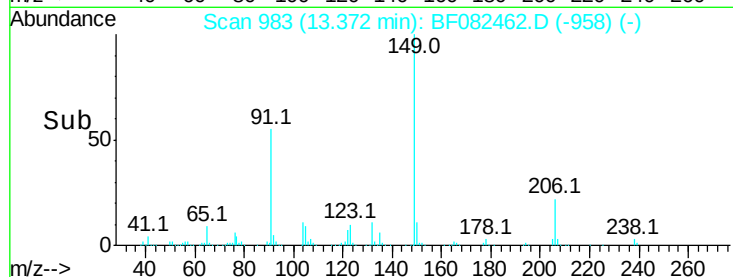
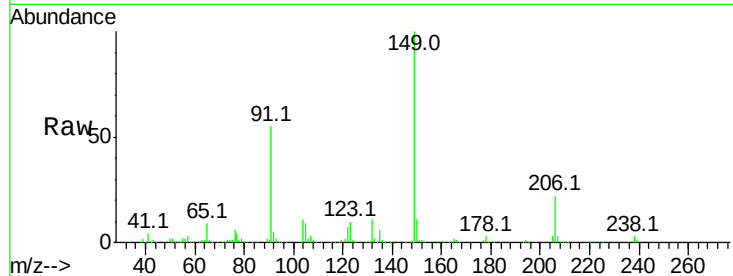
#79
Butylbenzylphthalate
Concen: 62.01 ng
RT: 13.37 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	329775		
91	54.5		55.7	83.5#
206	22.0		15.6	23.4

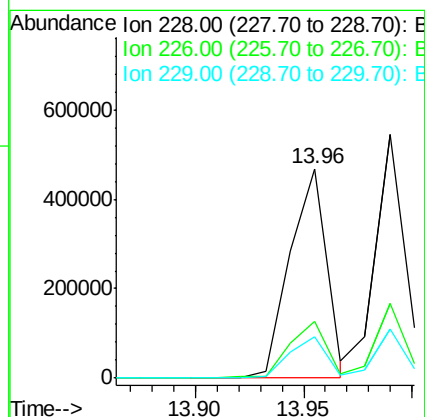
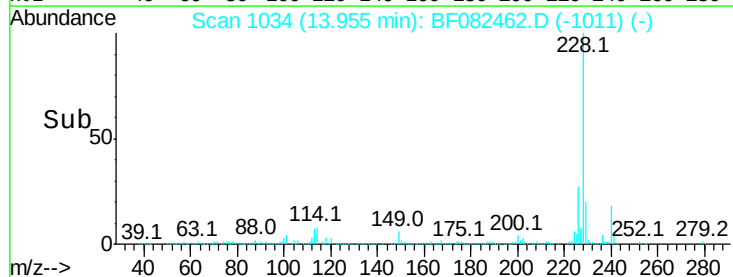
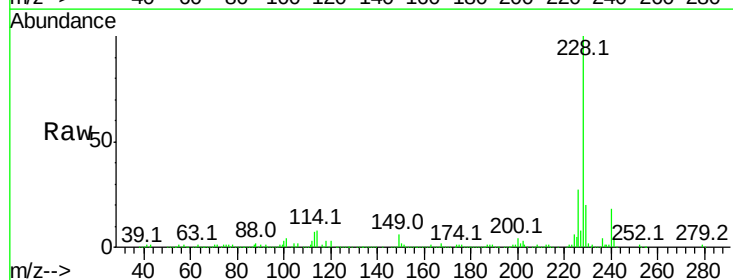
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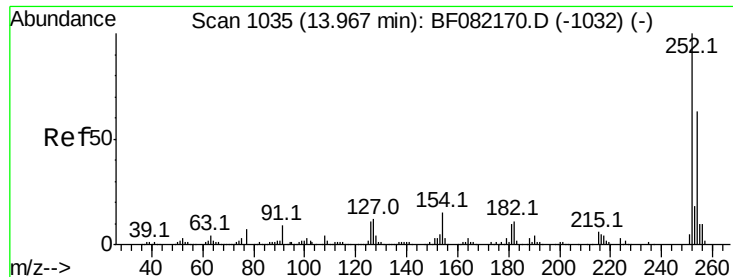
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#80
Benzo(a)anthracene
Concen: 54.05 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	552164		
226	27.4		22.3	33.5
229	19.9		16.2	24.2





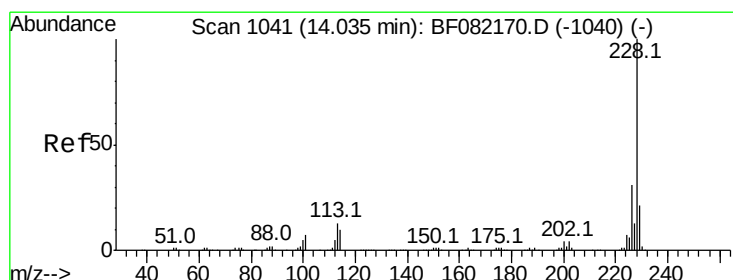
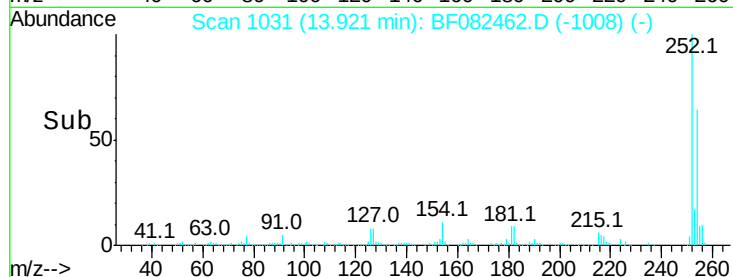
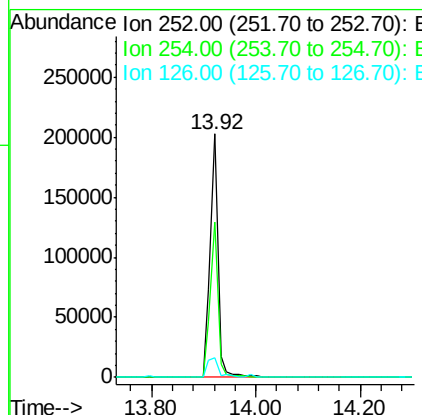
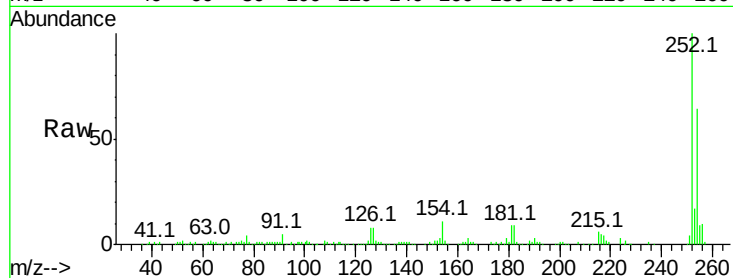
#81
 3,3'-Dichlorobenzidine
 Concen: 55.39 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	214803		
254	63.6	50.7	76.1	
126	7.9	9.0	13.6	

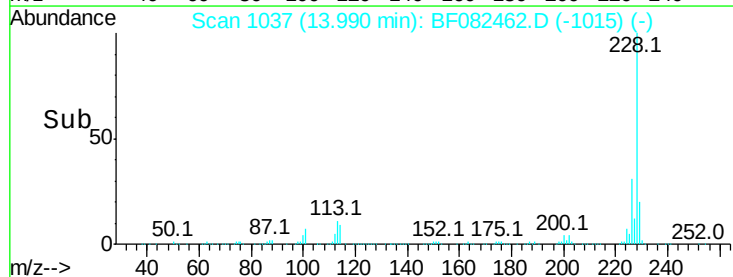
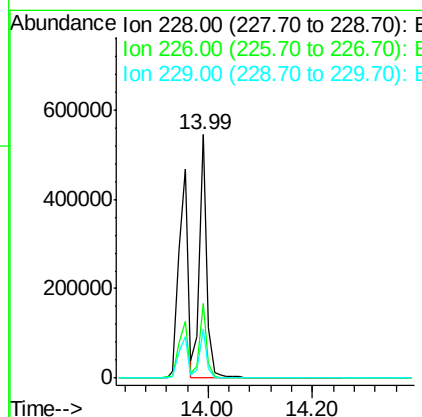
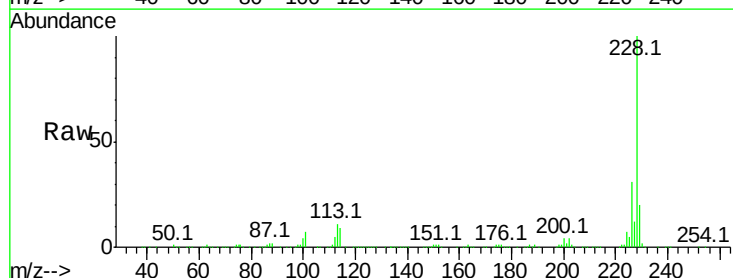
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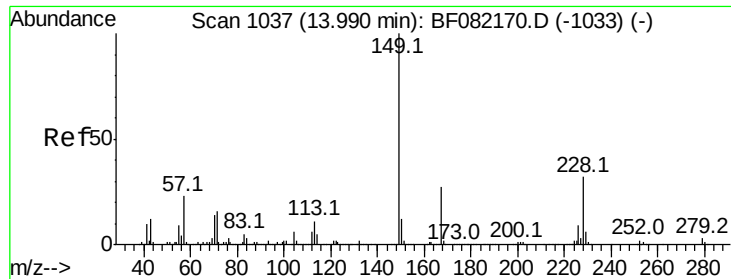
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#82
 Chrysene
 Concen: 50.03 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	538554		
226	30.7	24.4	36.6	
229	20.2	16.3	24.5	





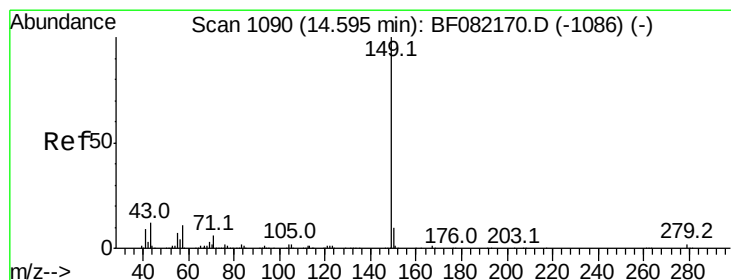
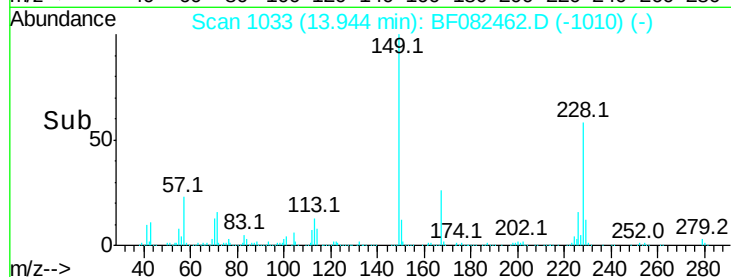
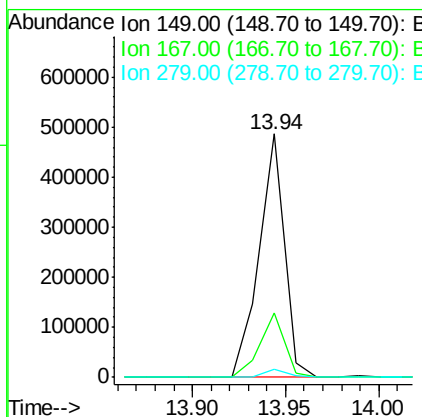
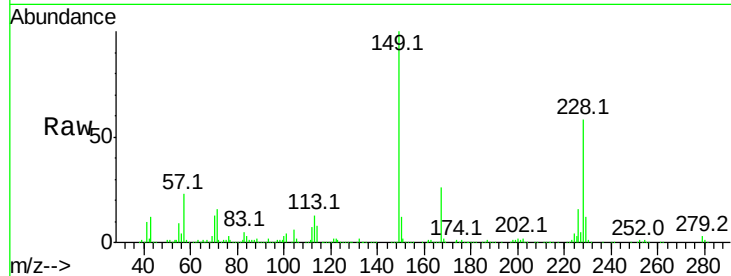
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.44 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	21.3	31.9	
279	3.2	2.6	4.0	

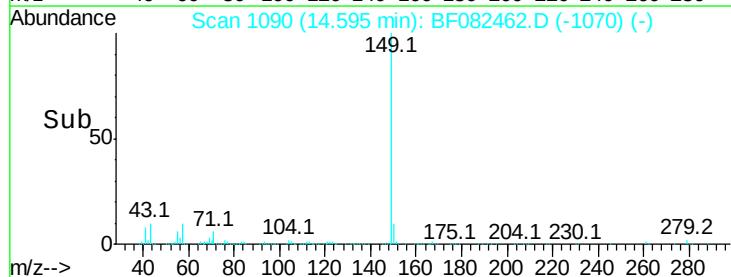
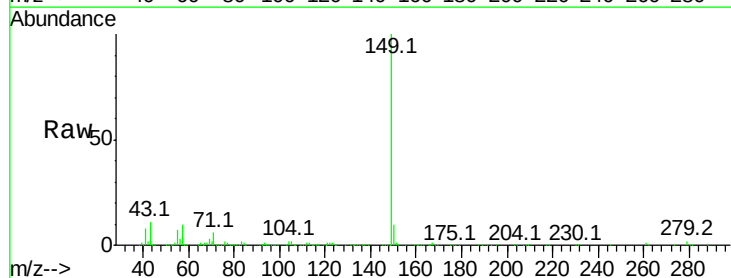
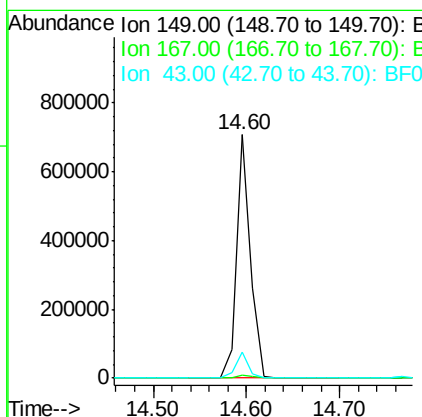
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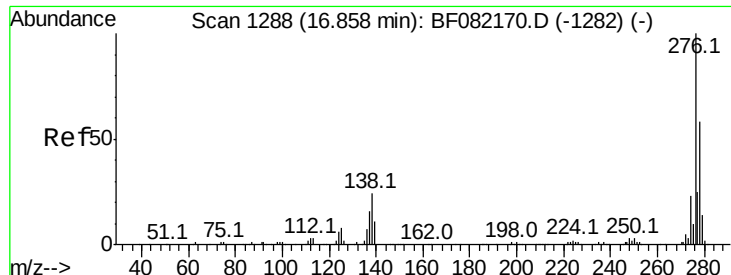
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#84
 Di-n-octyl phthalate
 Concen: 55.97 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.07 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.6	7.4	11.2	





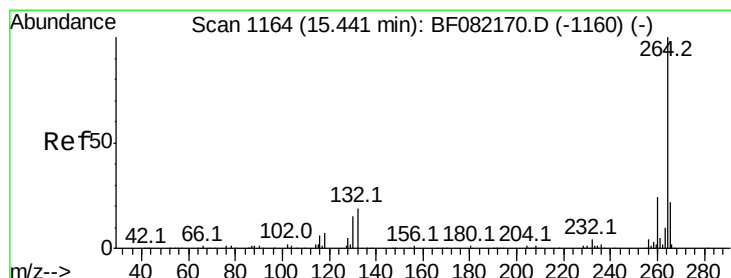
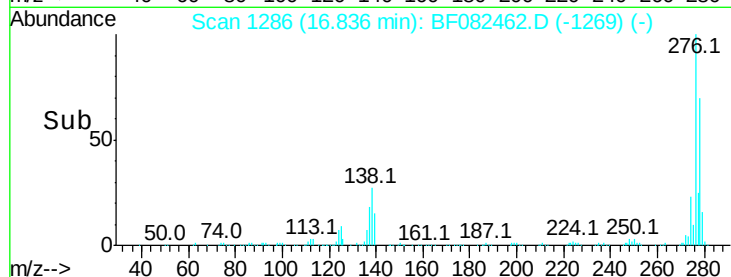
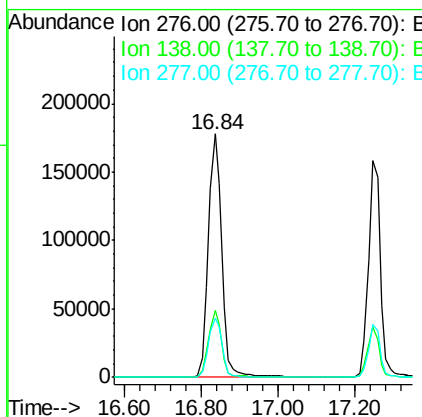
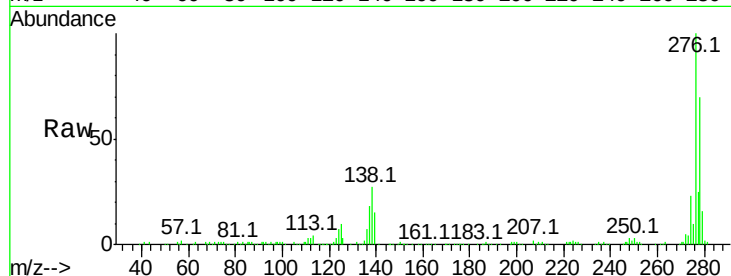
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.72 ng
 RT: 16.84 min Scan# 1286
 Delta R.T. -0.10 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	433983		
138	26.8		19.7	29.5
277	24.7		20.1	30.1

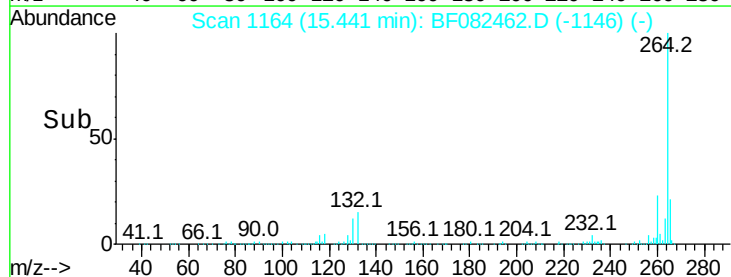
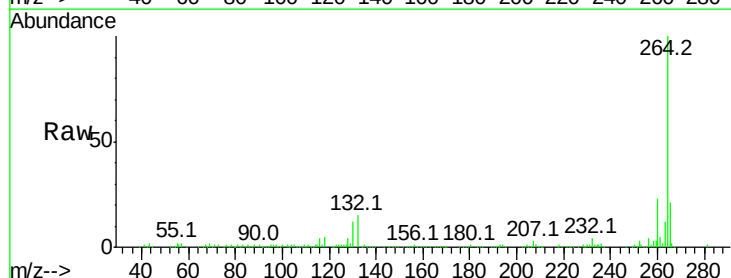
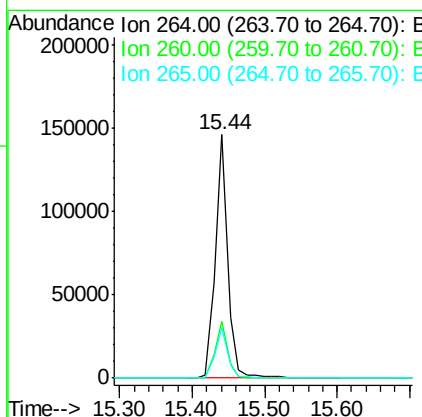
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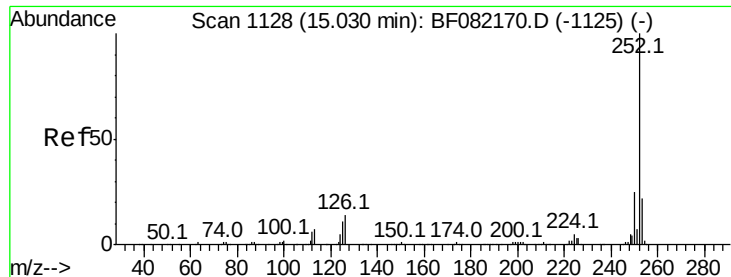
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.09 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	174542		
260	23.4		19.0	28.6
265	20.9		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 56.89 ng m

RT: 15.03 min Scan# 1128

Delta R.T. -0.09 min

Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Instrument :

BNA_F

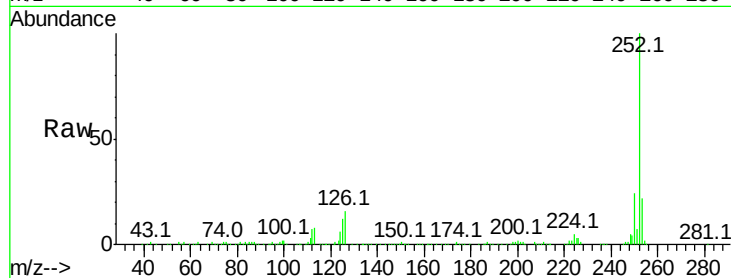
ClientSampleId :

SB15-17-10-10.5MSD

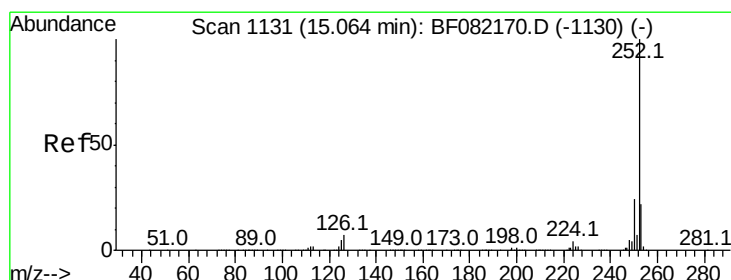
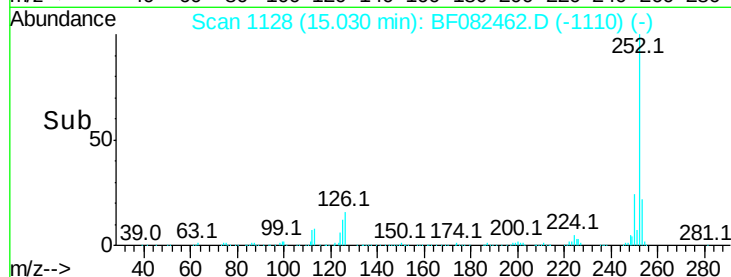
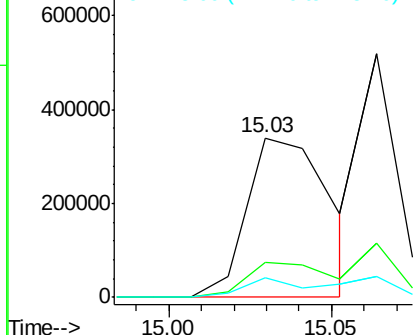
Tot Ion:	252	Resp:	604140
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	12.5	8.6	12.8

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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: 47.95 ng m

RT: 15.06 min Scan# 1131

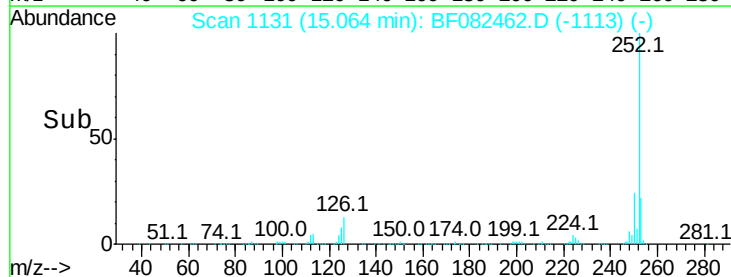
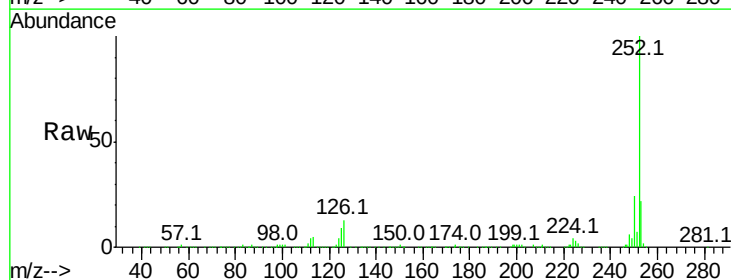
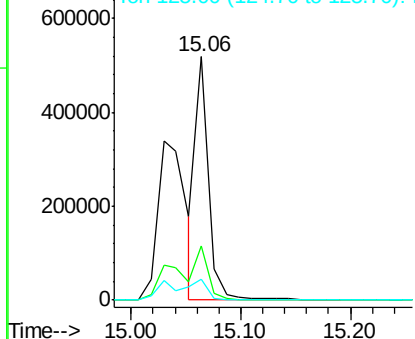
Delta R.T. -0.09 min

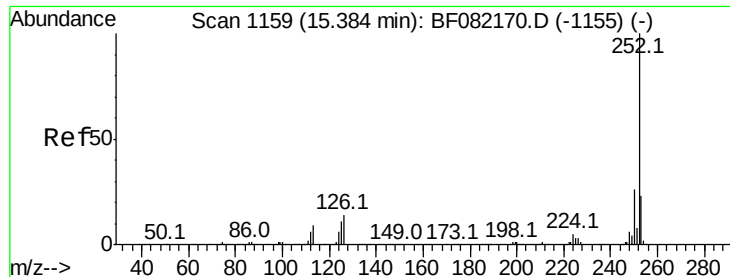
Lab File: BF082462.D

Acq: 22 Oct 2015 23:25

Tgt Ion:	252	Resp:	427945
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	8.5	6.7	10.1

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





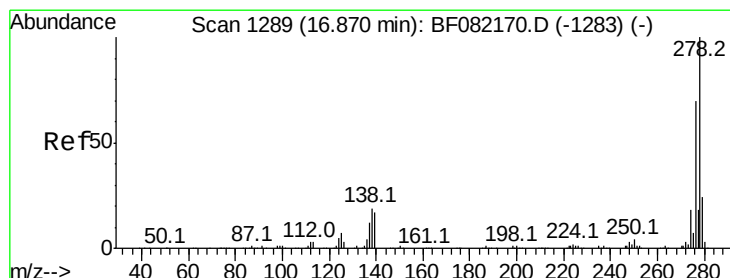
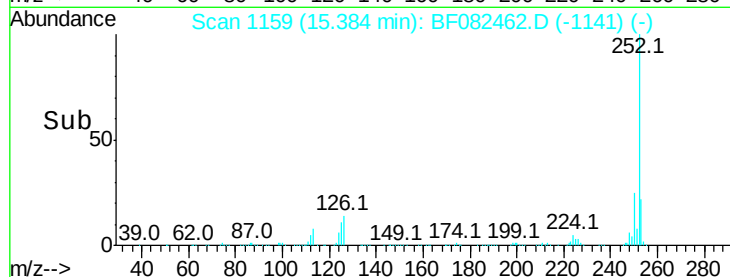
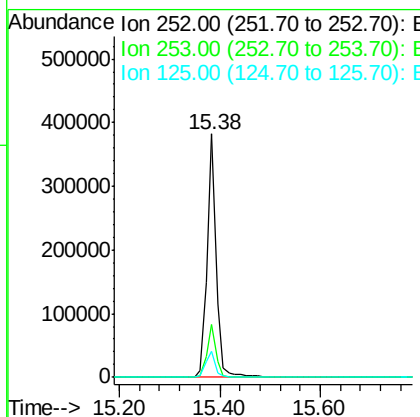
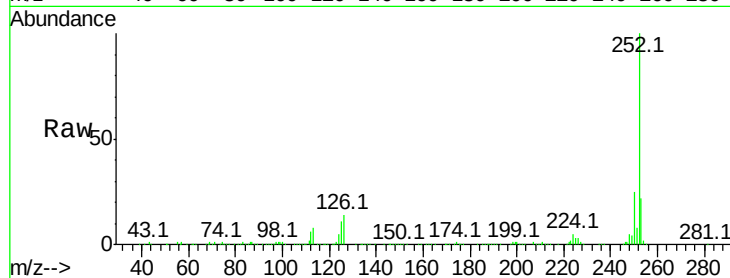
#89
Benzo(a)pyrene
Concen: 51.88 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.09 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.7	8.9	13.3

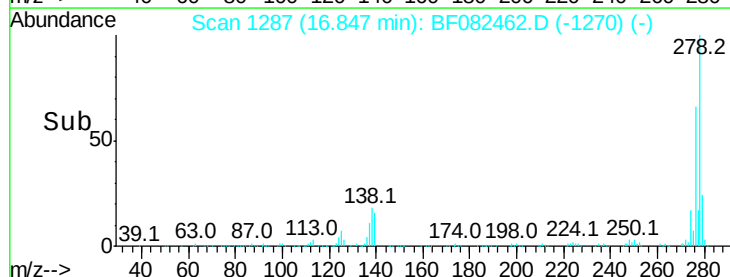
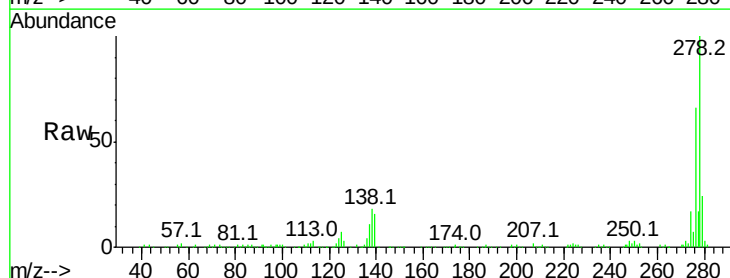
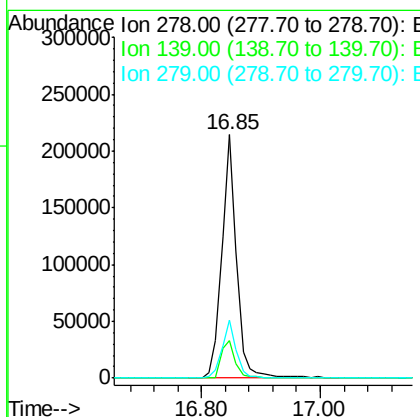
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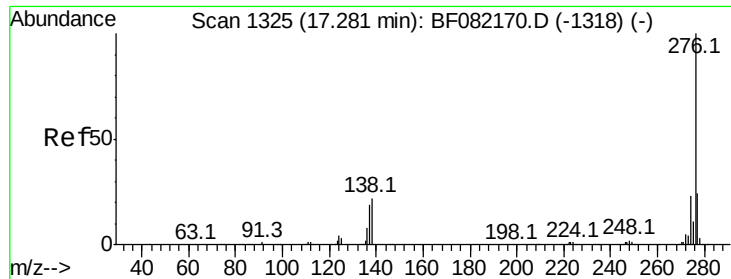
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#90
Dibenzo(a,h)anthracene
Concen: 49.85 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.10 min
Lab File: BF082462.D
Acq: 22 Oct 2015 23:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.3	19.9
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 48.20 ng
 RT: 17.25 min Scan# 1322
 Delta R.T. -0.10 min
 Lab File: BF082462.D
 Acq: 22 Oct 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MSD

Tot Ion:	276	Resp:	350204
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	23.3	17.4	26.2

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