

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082175.D
 Acq On : 10 Oct 2015 14:34
 Operator : UM/IZ
 Sample : PB86035BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:31:43 PM

Quant Time: Oct 12 02:21:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87174	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	350375	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181011	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	342151	20.00	ng	0.00
75) Chrysene-d12	14.01	240	322863	20.00	ng	0.00
86) Perylene-d12	15.44	264	260217	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	529503	122.59	ng	0.01
7) Phenol-d6	6.48	99	700029	124.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	450570	86.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	199968	117.80	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	939647	86.09	ng	0.00
78) Terphenyl-d14	12.96	244	1030340	84.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	66600	30.69	ng	93
3) Pyridine	3.21	79	173028	34.28	ng	96
4) n-Nitrosodimethylamine	3.18	42	80331	37.53	ng	96
6) Aniline	6.50	93	244796	33.78	ng	98
8) 2-Chlorophenol	6.63	128	213385	40.47	ng	99
9) Benzaldehyde	6.39	77	105923	36.90	ng	95
10) Phenol	6.49	94	281359	43.42	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	228549	41.70	ng	97
12) 1,3-Dichlorobenzene	6.78	146	243313	39.62	ng	99
13) 1,4-Dichlorobenzene	6.86	146	255070	39.77	ng	99
14) 1,2-Dichlorobenzene	7.01	146	229582	37.70	ng	98
15) Benzyl Alcohol	6.98	79	164183	42.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	300674	39.40	ng	100
17) 2-Methylphenol	7.10	107	165844	39.77	ng	98
18) Hexachloroethane	7.35	117	87917	40.05	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	145839	36.95	ng	# 88
20) 3+4-Methylphenols	7.26	107	214456	43.16	ng	94
22) Acetophenone	7.26	105	287804	41.52	ng	# 97
24) Nitrobenzene	7.43	77	220943	39.12	ng	94
25) Isophorone	7.67	82	416224	39.53	ng	98
26) 2-Nitrophenol	7.75	139	122170	43.32	ng	93
27) 2,4-Dimethylphenol	7.78	122	192048	42.27	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	250343	40.86	ng	98
29) 2,4-Dichlorophenol	7.99	162	207843	45.76	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	211094	40.33	ng	98
31) Naphthalene	8.15	128	627656	41.33	ng	100
32) Benzoic acid	7.92	122	128409	42.11	ng	98
33) 4-Chloroaniline	8.21	127	172145	27.29	ng	95
34) Hexachlorobutadiene	8.26	225	132785	40.71	ng	99
35) Caprolactam	8.57	113	58728m	44.56	ng	
36) 4-Chloro-3-methylphenol	8.69	107	190213	42.83	ng	99
37) 2-Methylnaphthalene	8.85	142	437976	41.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	214982	39.93	ng	98
40) Hexachlorocyclopentadiene	8.99	237	233883	85.24	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	139068	38.89	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	155001	40.01	ng	99
45) 1,1'-Biphenyl	9.30	154	513407	37.20	ng	98
46) 2-Chloronaphthalene	9.34	162	421293	38.77	ng	97
47) 2-Nitroaniline	9.43	65	119064	39.91	ng	97
48) Acenaphthylene	9.75	152	687347	40.61	ng	99
49) Dimethylphthalate	9.61	163	498948	39.14	ng	100
50) 2,6-Dinitrotoluene	9.68	165	112589	41.86	ng	# 86
51) Acenaphthene	9.92	154	408067	40.16	ng	99
52) 3-Nitroaniline	9.85	138	76834	25.29	ng	95
53) 2,4-Dinitrophenol	9.95	184	126444	83.80	ng	95
54) Dibenzofuran	10.09	168	602632	43.20	ng	99
55) 4-Nitrophenol	10.01	139	147806	72.98	ng	86
56) 2,4-Dinitrotoluene	10.08	165	147703	43.94	ng	98
57) Fluorene	10.43	166	485502	42.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133601	42.21	ng	97
59) Diethylphthalate	10.31	149	473881	39.88	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	207018	39.44	ng	99
61) 4-Nitroaniline	10.47	138	118694	40.28	ng	95
62) Azobenzene	10.58	77	466932	40.15	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84605	44.06	ng	90
65) n-Nitrosodiphenylamine	10.55	169	422344	41.23	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	140118	40.92	ng	99
67) Hexachlorobenzene	10.98	284	152907	41.29	ng	98
68) Atrazine	11.07	200	122448	37.73	ng	98
69) Pentachlorophenol	11.18	266	178162	93.49	ng	98
70) Phenanthrene	11.39	178	690315	41.16	ng	100
71) Anthracene	11.45	178	760080	43.98	ng	99
72) Carbazole	11.60	167	626551	39.74	ng	100
73) Di-n-butylphthalate	11.93	149	804160	41.35	ng	99
74) Fluoranthene	12.58	202	773631	42.95	ng	99
76) Benzidine	12.71	184	358320	38.30	ng	98
77) Pyrene	12.81	202	776168	40.51	ng	100
79) Butylbenzylphthalate	13.43	149	333035	38.09	ng	98
80) Benzo(a)anthracene	14.00	228	670545	39.92	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	187576	29.42	ng	100
82) Chrysene	14.04	228	609563	34.44	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	496262	39.78	ng	100
84) Di-n-octyl phthalate	14.60	149	809233	37.77	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	548614	39.00	ng	100
87) Benzo(b)fluoranthene	15.03	252	717790m	45.34	ng	
88) Benzo(k)fluoranthene	15.06	252	481758m	36.20	ng	
89) Benzo(a)pyrene	15.38	252	565869	41.59	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	462686	41.50	ng	100
91) Benzo(g,h,i)perylene	17.28	276	446014	41.18	ng	99

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

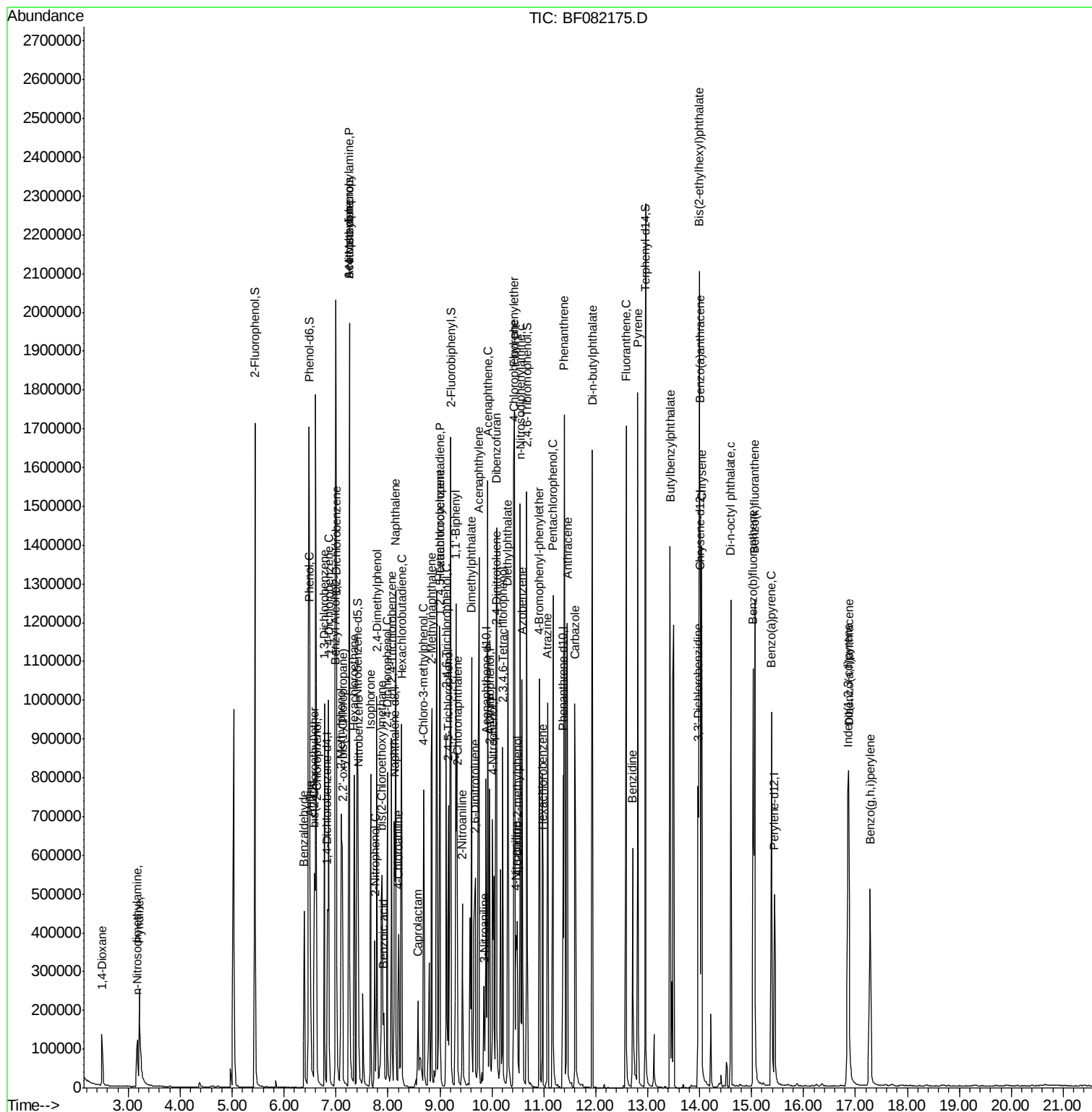
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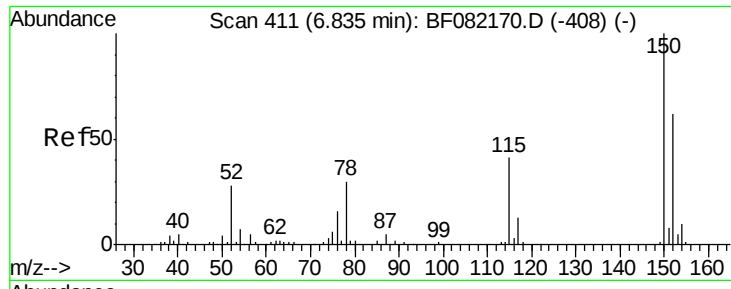
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

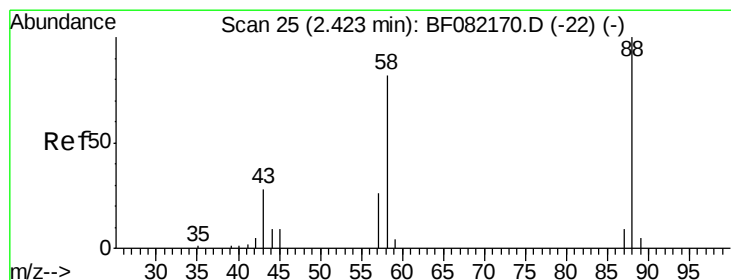
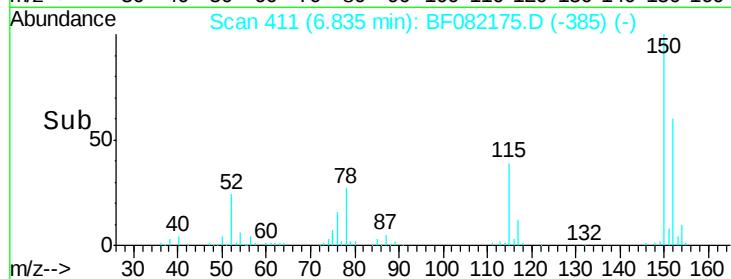
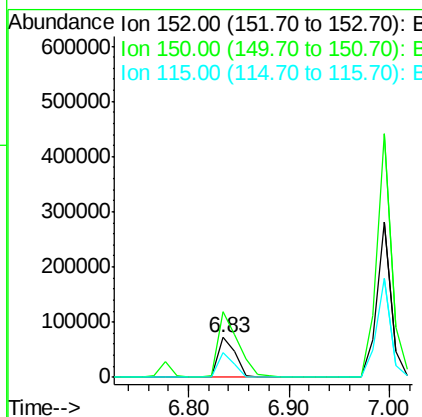
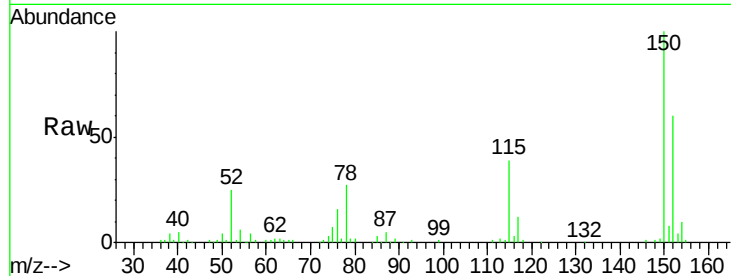
ClientSampleId :

PB86035BS

Tgt Ion:	152	Resp:	87174
Ion Ratio	Lower	Upper	
152	100		
150	165.3	129.0	193.4
115	63.8	52.1	78.1

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#2

1,4-Dioxane

Concen: 30.69 ng

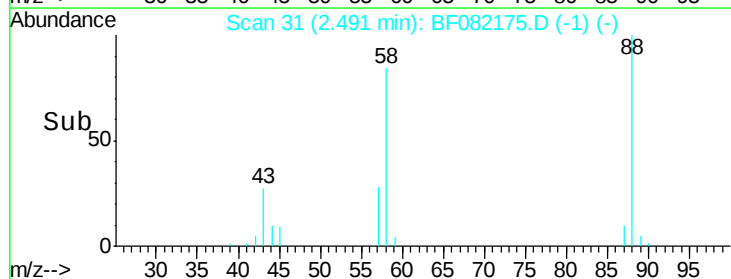
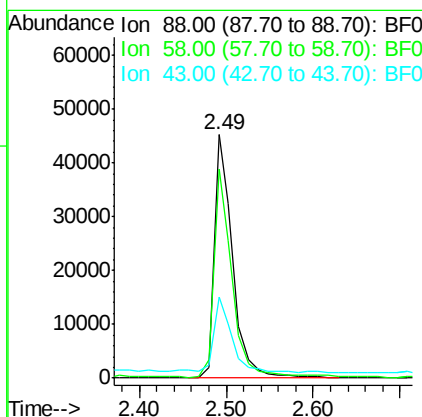
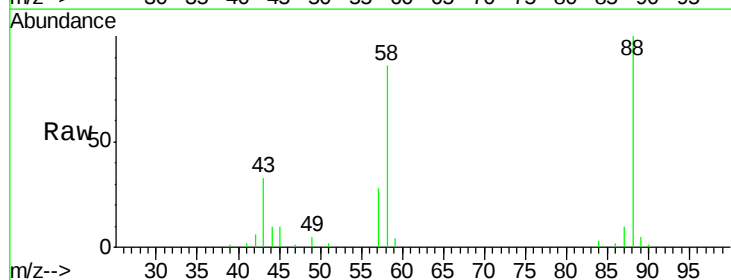
RT: 2.49 min Scan# 31

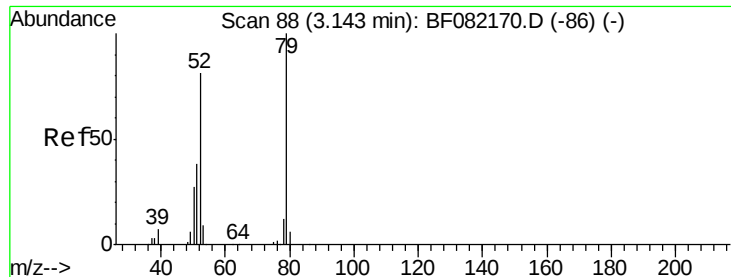
Delta R.T. 0.07 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	88	Resp:	66600
Ion Ratio	Lower	Upper	
88	100		
58	88.9	66.2	99.4
43	32.1	23.0	34.4





#3

Pyridine

Concen: 34.28 ng

RT: 3.21 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

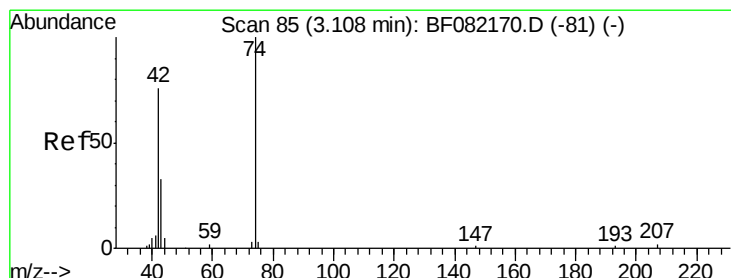
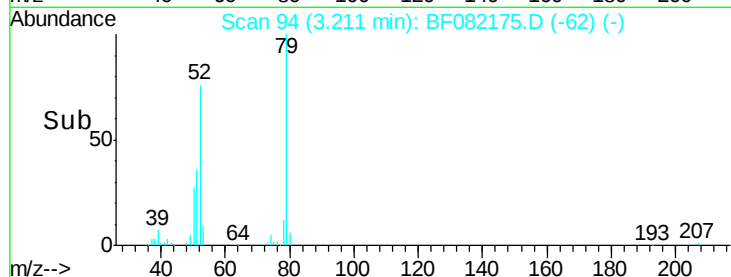
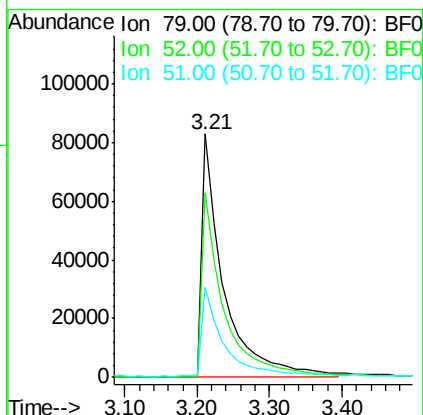
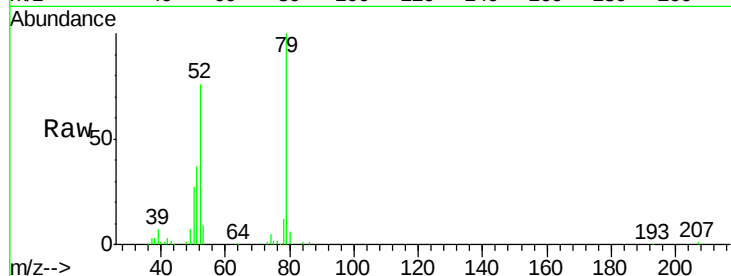
ClientSampleId :

PB86035BS

Tgt Ion:	79	Resp:	173028
Ion Ratio	Lower	Upper	
79	100		
52	76.0	64.4	96.6
51	36.8	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 37.53 ng

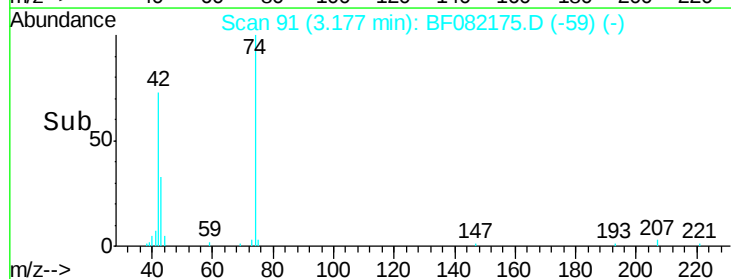
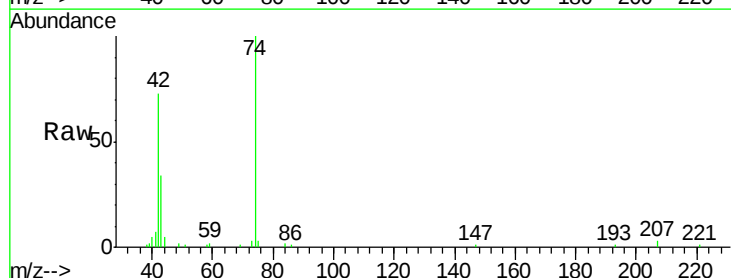
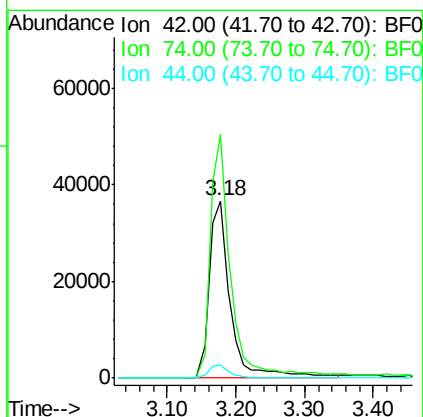
RT: 3.18 min Scan# 91

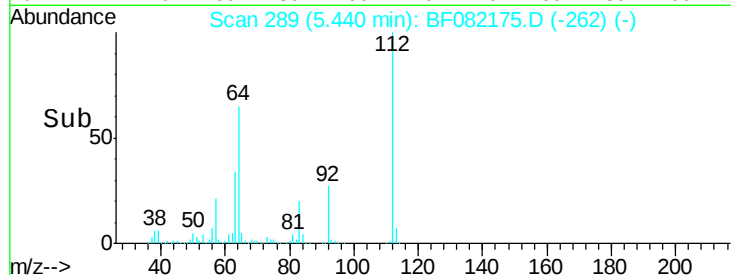
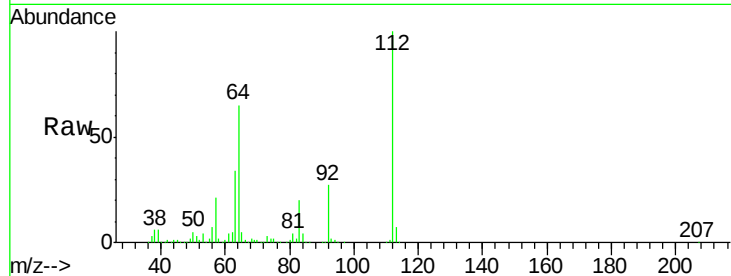
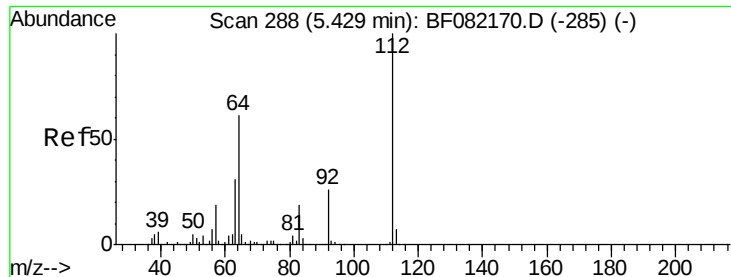
Delta R.T. 0.07 min

Lab File: BF082175.D

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Tgt Ion:	42	Resp:	80331
Ion Ratio	Lower	Upper	
42	100		
74	137.5	105.7	158.5
44	7.5	5.4	8.2





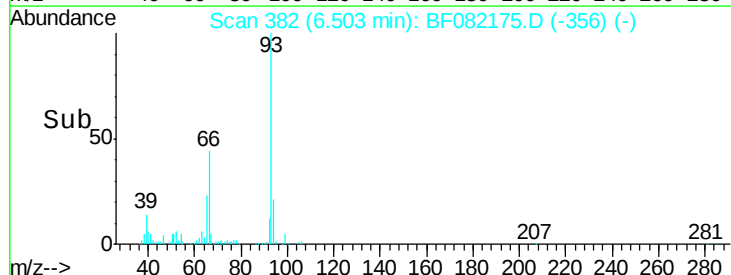
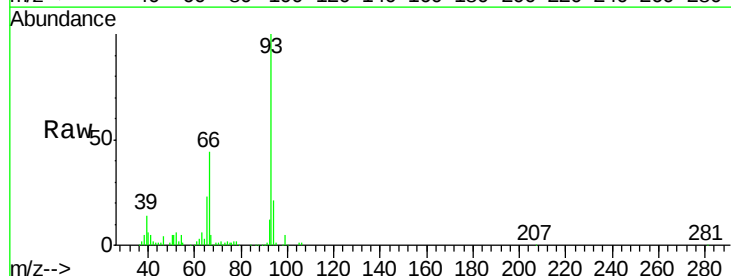
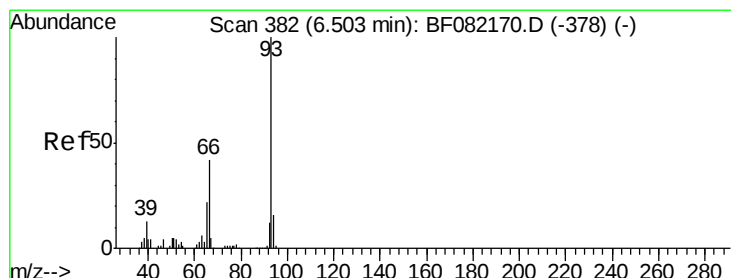
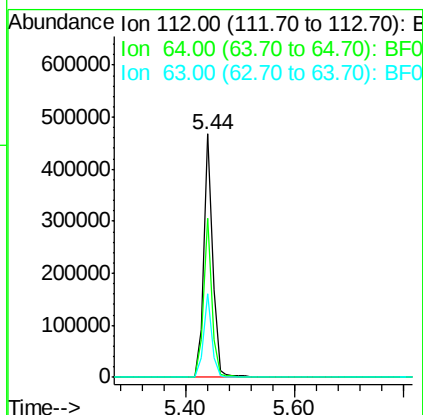
#5
2-Fluorophenol
Concen: 122.59 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	529503		
64	65.3	48.6	73.0	
63	34.3	25.1	37.7	

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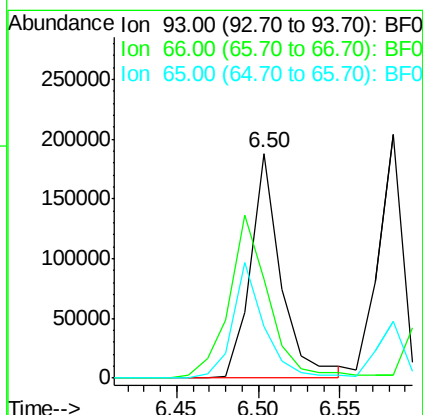
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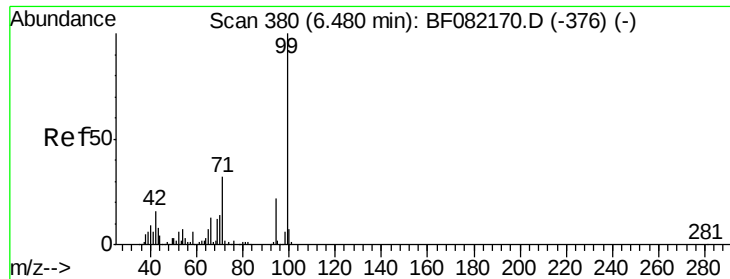
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#6
Aniline
Concen: 33.78 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244796		
66	43.9	34.2	51.2	
65	23.1	17.9	26.9	





#7

Phenol-d6

Concen: 124.54 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082175.D

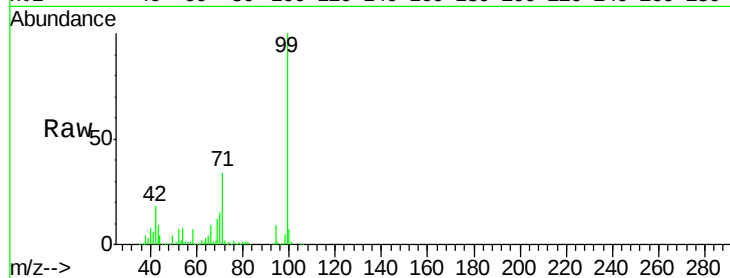
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BNA_F

ClientSampleId :

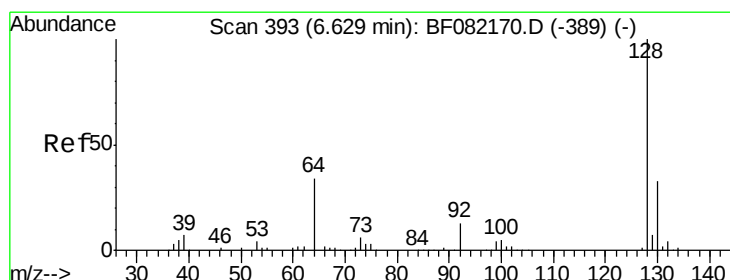
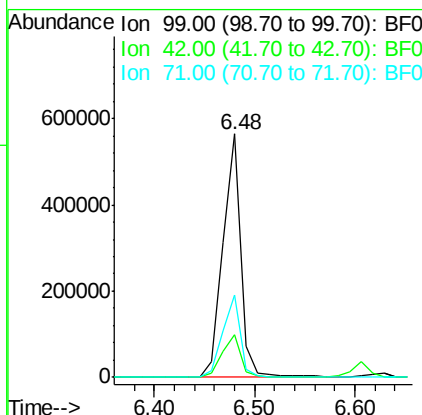
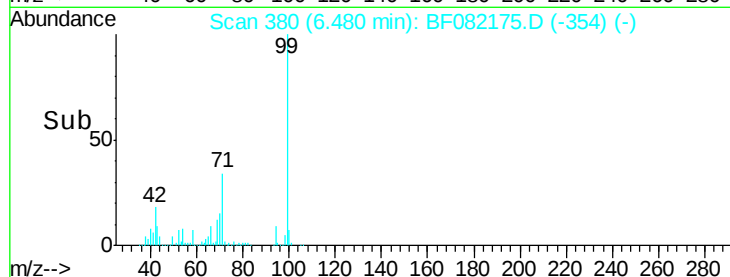
PB86035BS



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	700029		
42	17.6	13.2	19.8	
71	33.6	25.6	38.4	

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#8

2-Chlorophenol

Concen: 40.47 ng

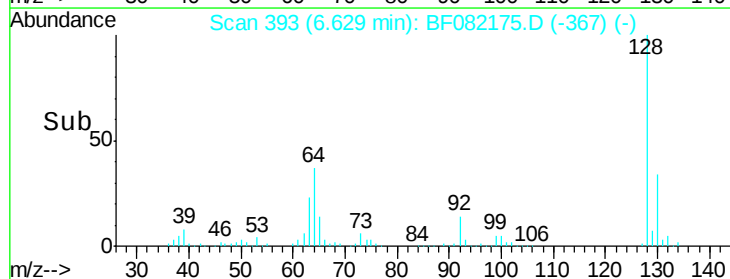
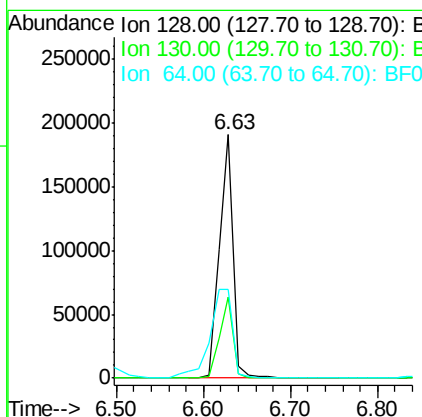
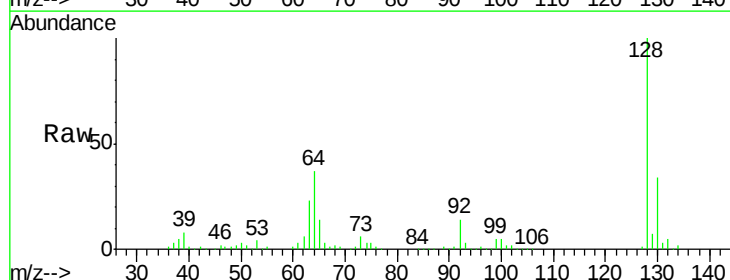
RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	213385		
130	33.5	12.6	52.6	
64	36.7	16.7	56.7	





#9

Benzaldehyde

Concen: 36.90 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

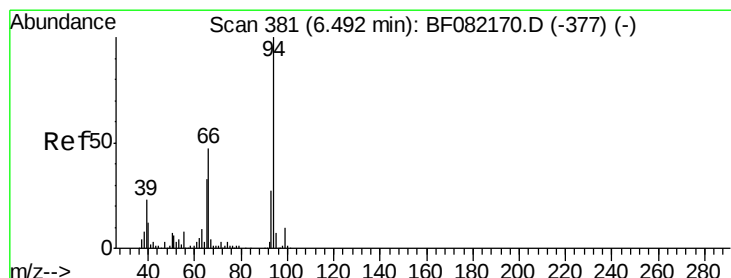
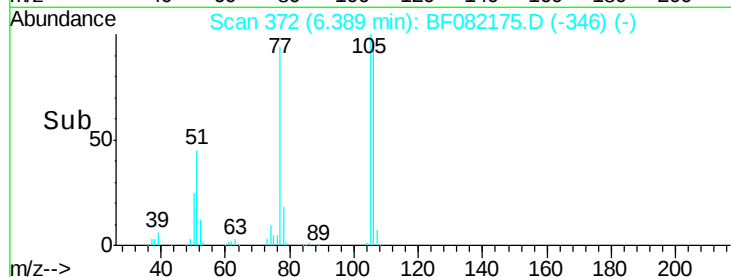
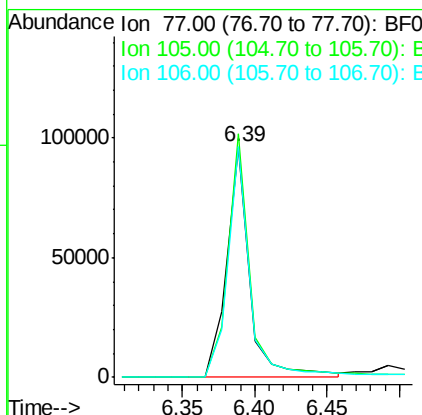
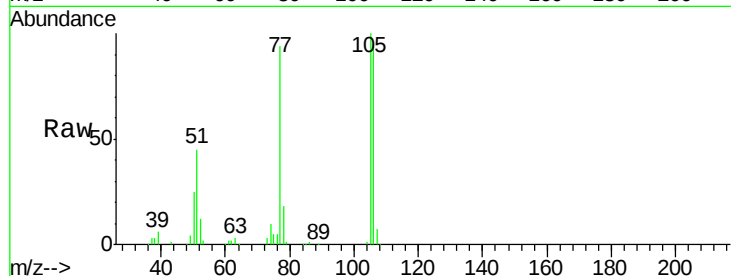
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	106.0	80.6	120.6
106	100.4	75.5	115.5



#10

Phenol

Concen: 43.42 ng

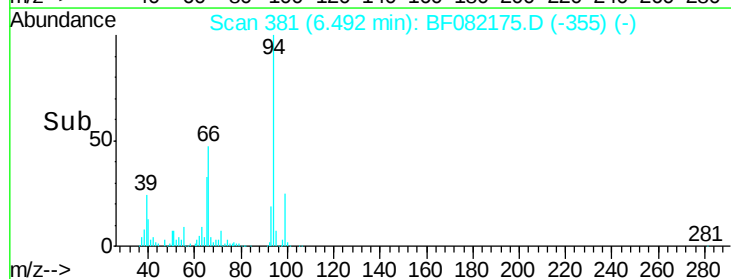
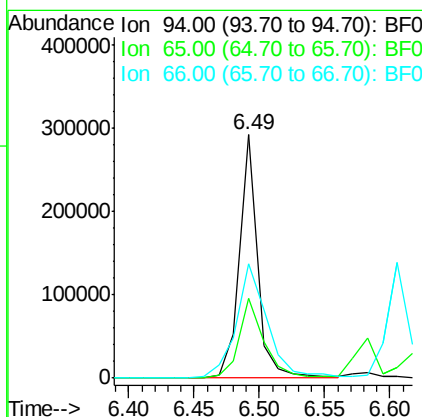
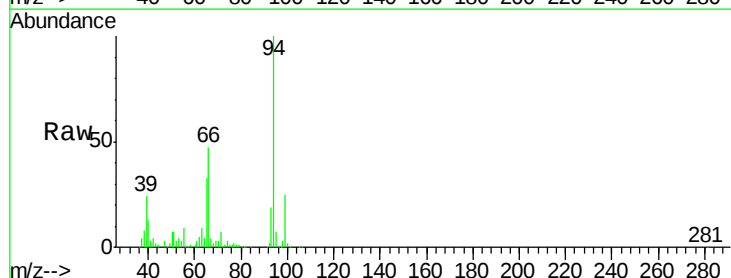
RT: 6.49 min Scan# 381

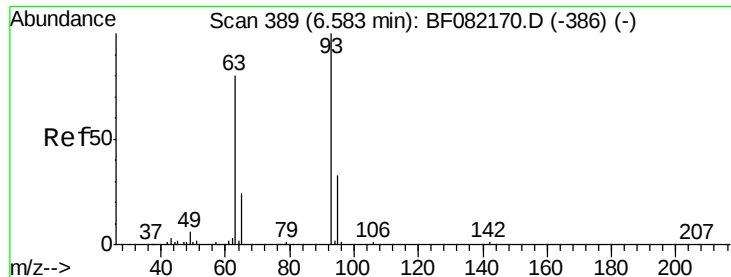
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.6	52.6
66	46.8	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 41.70 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

Tgt Ion: 93 Resp: 228549
Ion Ratio Lower Upper

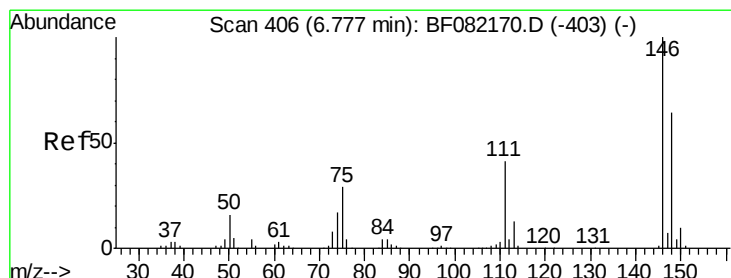
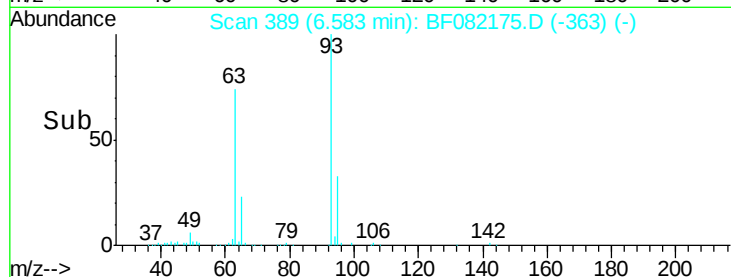
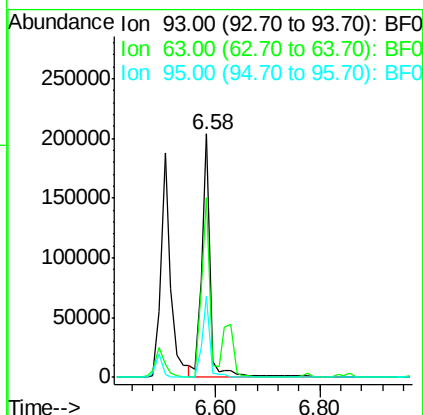
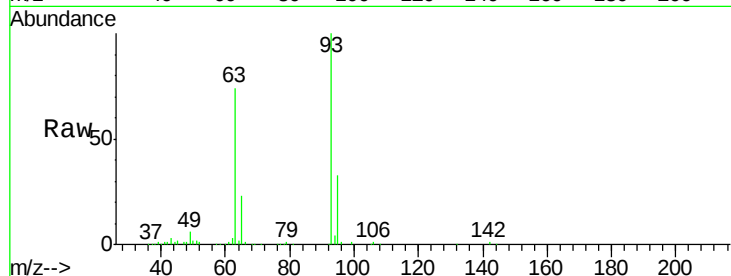
93 100

63 73.9 57.1 97.1

95 33.1 11.9 51.9

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MMDadoda
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#12

1,3-Dichlorobenzene

Concen: 39.62 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF082175.D

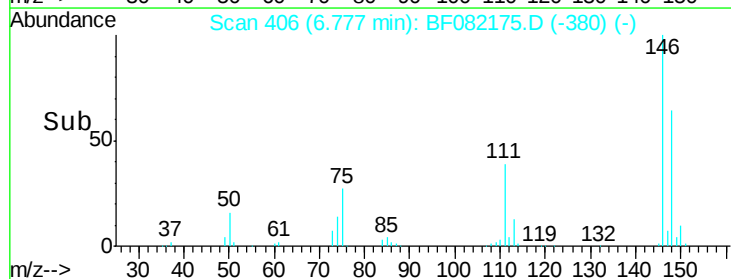
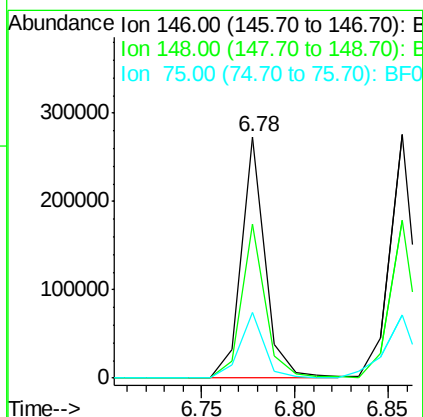
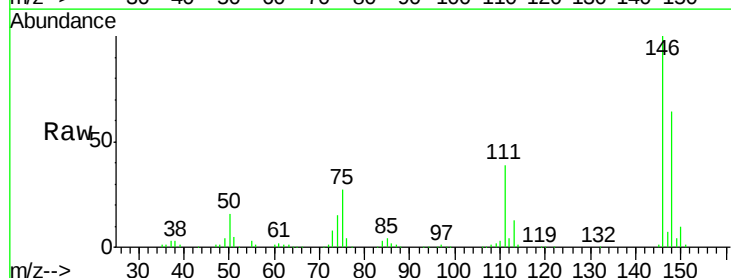
Acq: 10 Oct 2015 14:34

Tgt Ion: 146 Resp: 243313
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

75 27.1 23.0 34.6





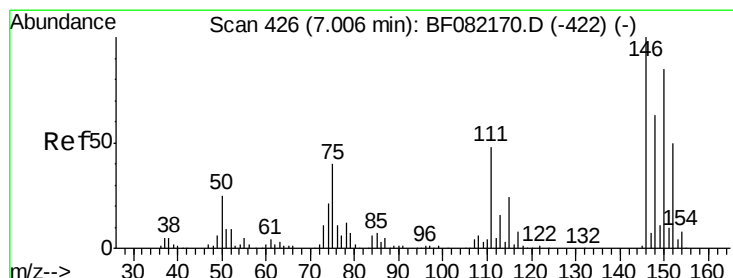
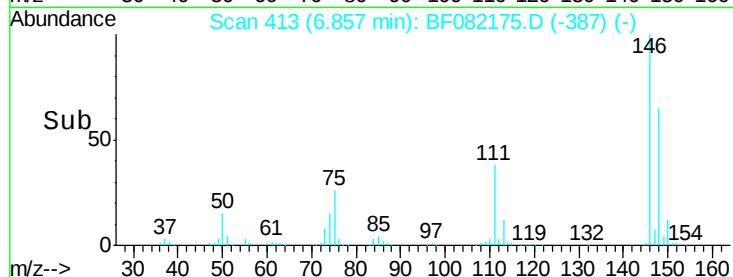
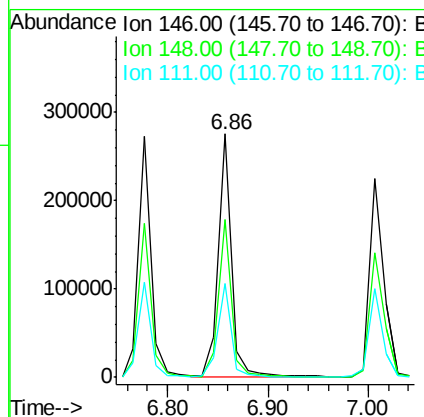
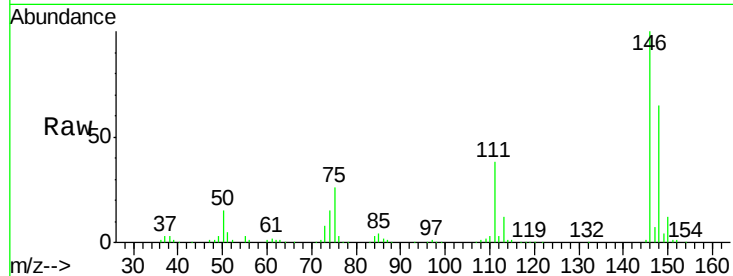
#13
1,4-Dichlorobenzene
Concen: 39.77 ng
RT: 6.86 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.8	51.0	76.4
111	38.4	31.1	46.7

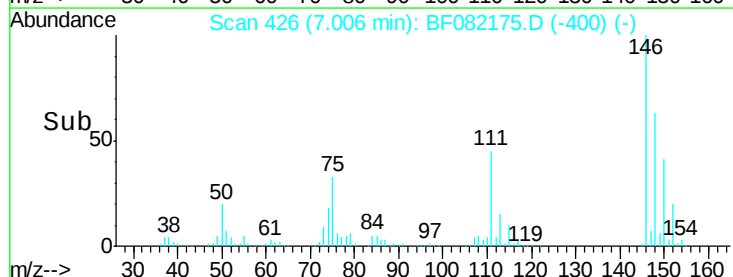
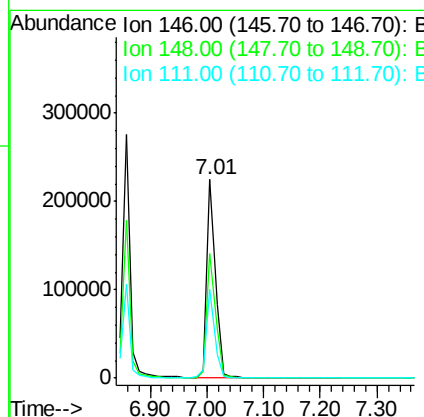
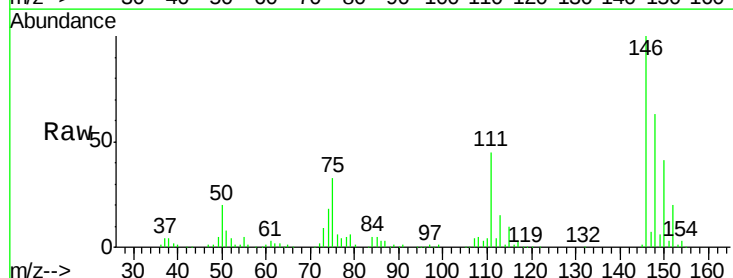
Manual Integrations
APPROVED

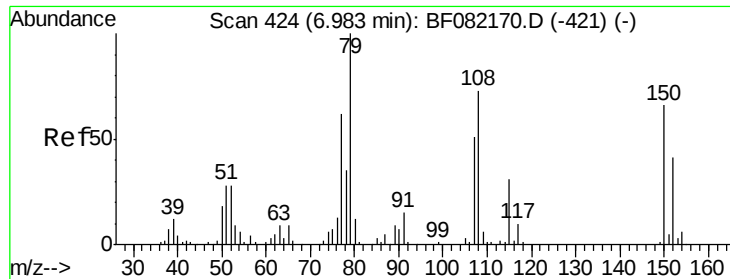
MMDadoda
10/12/2015 2:31:43 PM



#14
1,2-Dichlorobenzene
Concen: 37.70 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.0	50.5	75.7
111	44.9	38.5	57.7





#15

Benzyl Alcohol

Concen: 42.31 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

Tgt Ion: 79 Resp: 164183

Ion Ratio Lower Upper

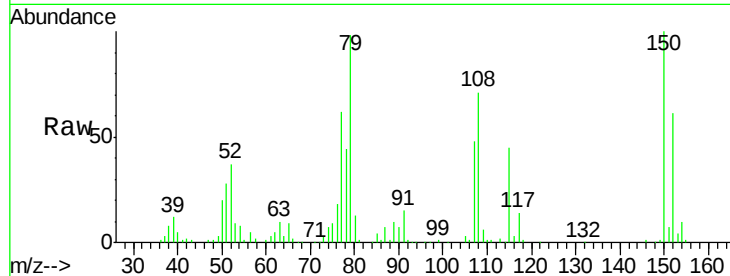
79 100

108 72.8 58.4 87.6

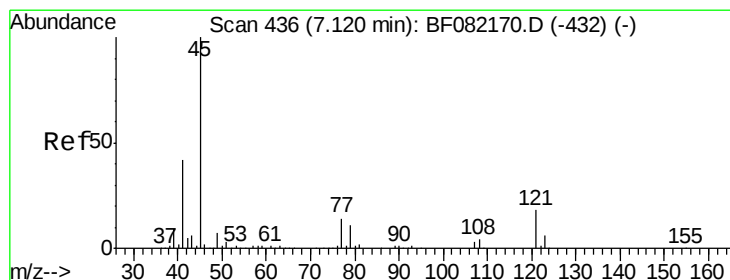
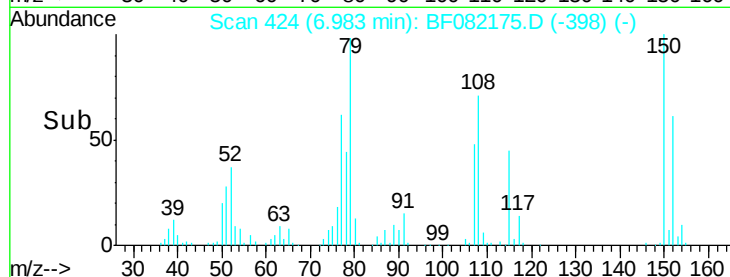
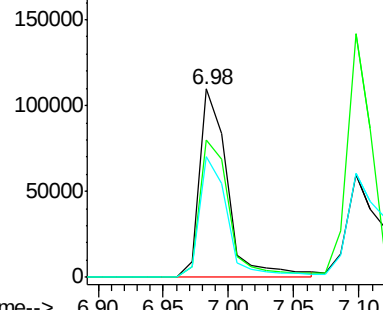
77 63.9 49.8 74.6

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.40 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

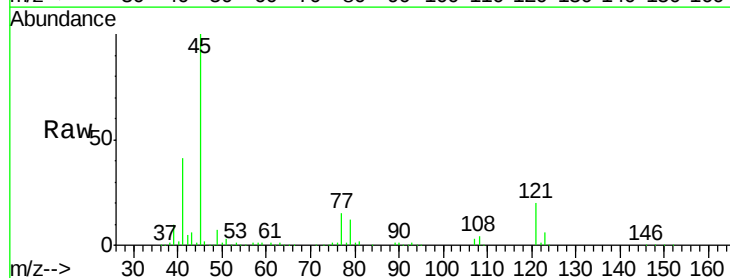
Tgt Ion: 45 Resp: 300674

Ion Ratio Lower Upper

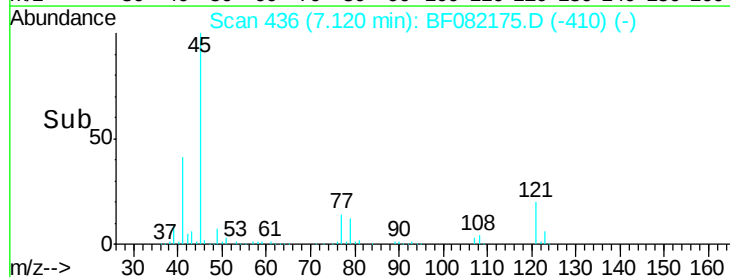
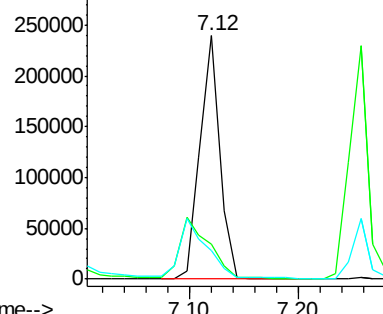
45 100

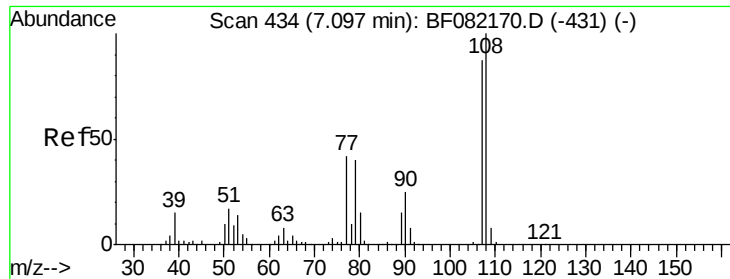
77 14.5 0.0 34.5

79 11.8 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





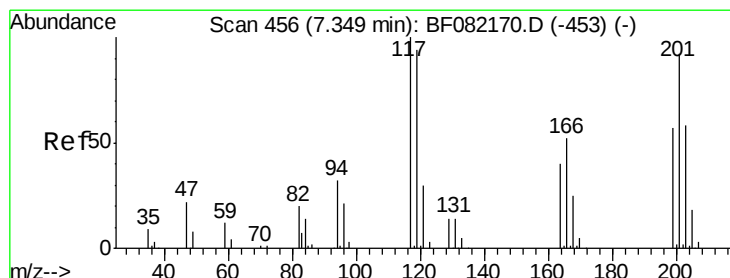
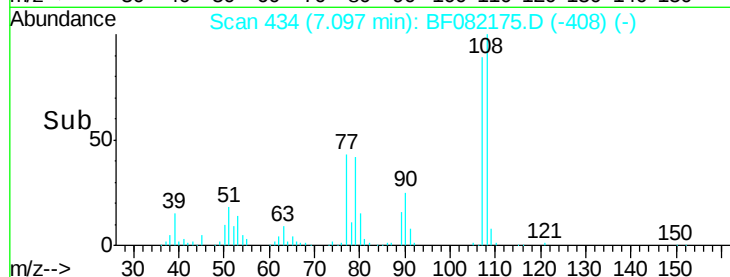
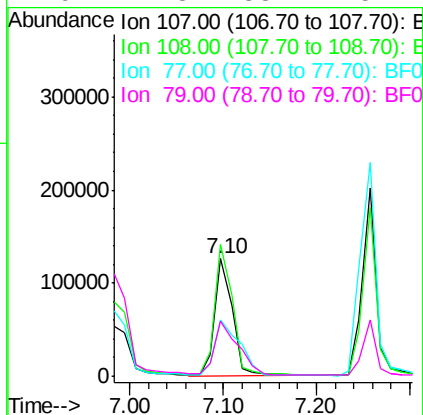
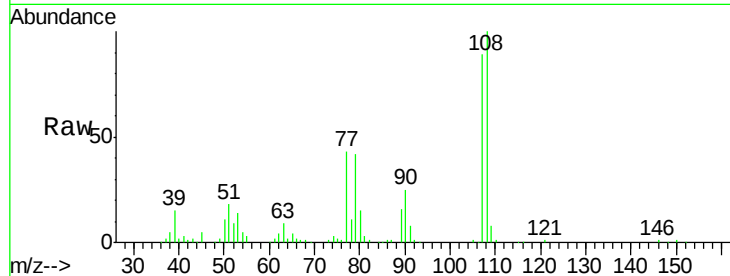
#17
2-Methylphenol
Concen: 39.77 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion:	107	Resp:	165844
Ion Ratio	Lower	Upper	
107	100		
108	112.4	92.2	138.2
77	48.0	39.6	59.4
79	47.3	38.2	57.4

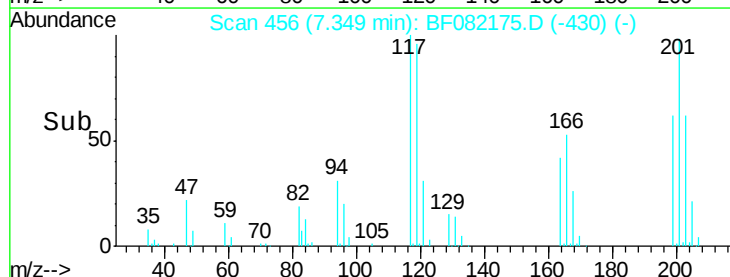
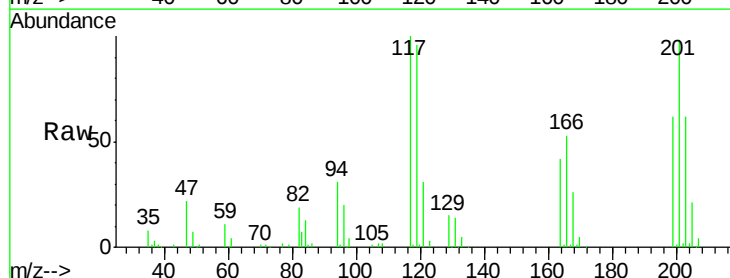
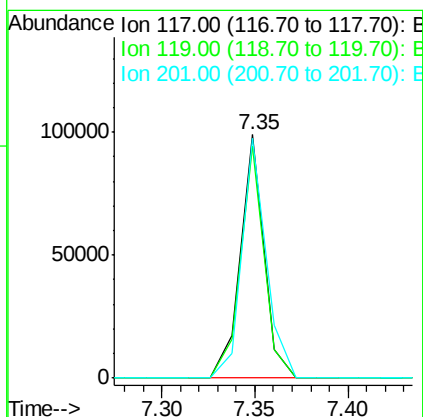
Manual Integrations
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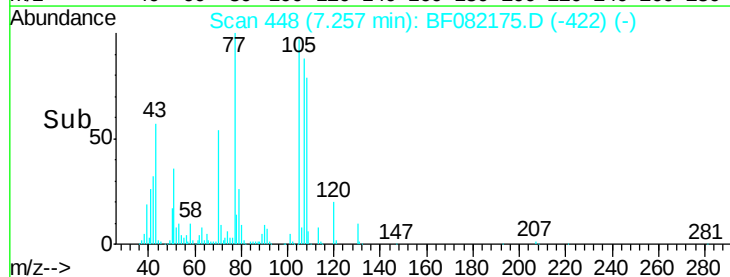
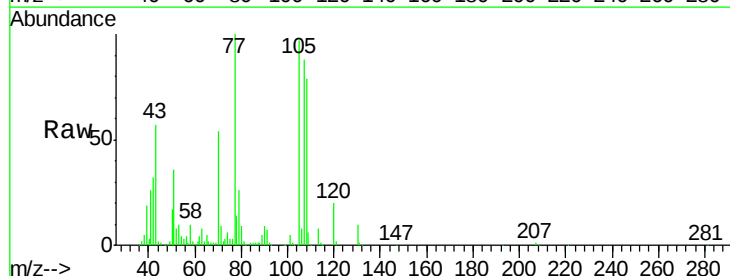
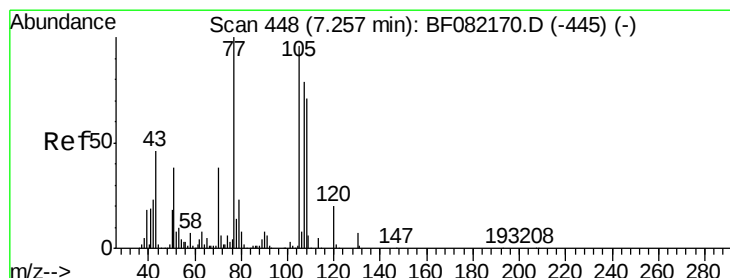
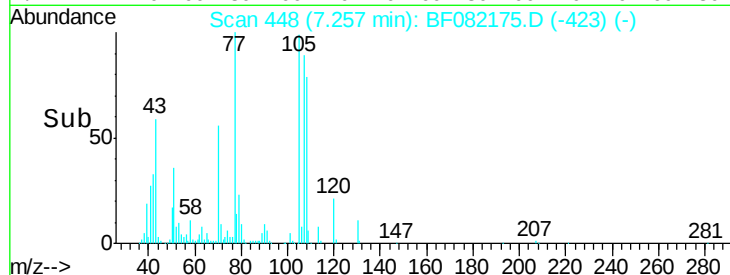
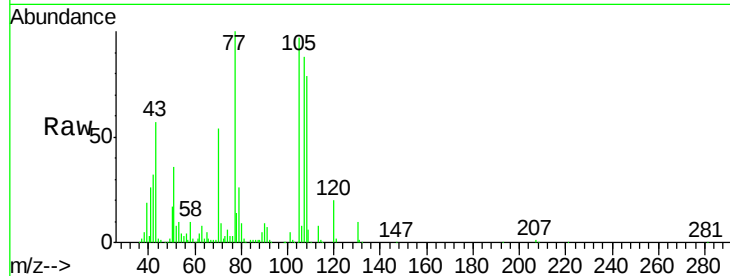
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#18
Hexachloroethane
Concen: 40.05 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:	117	Resp:	87917
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.4	113.2
201	98.5	73.4	110.0





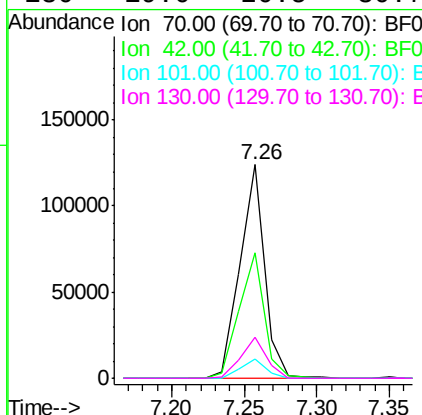
#19
n-Nitroso-di-n-propylamine
Concen: 36.95 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.7	39.8	59.8
101	9.1	8.6	13.0
130	19.0	20.5	30.7#

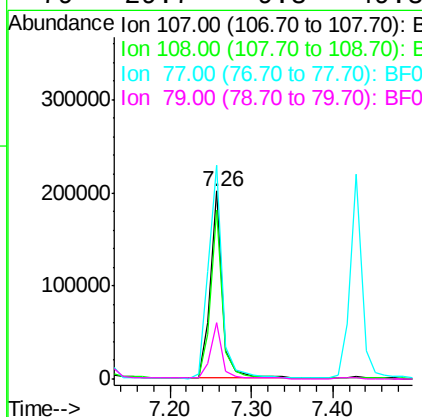
Manual Integrations
APPROVED

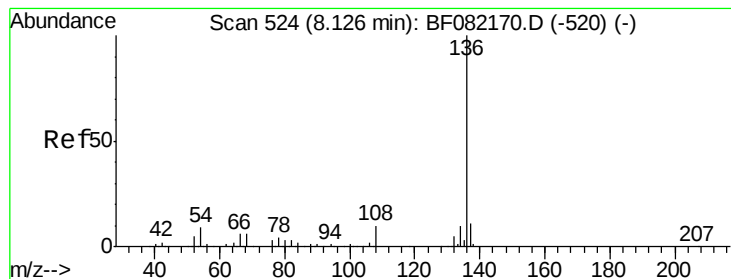
MMDadoda
10/12/2015 2:31:43 PM



#20
3+4-Methylphenols
Concen: 43.16 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	113.6	106.0	146.0
79	29.7	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082175.D

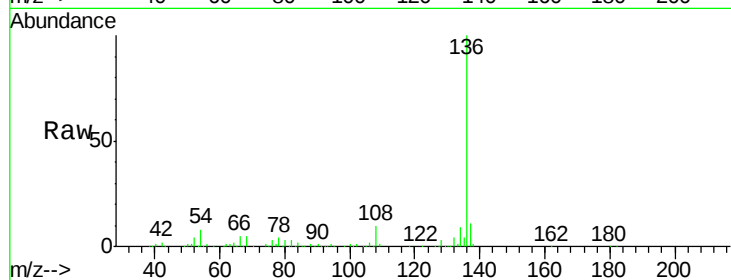
Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS



Tgt Ion:136 Resp: 350375

Ion Ratio Lower Upper

136 100

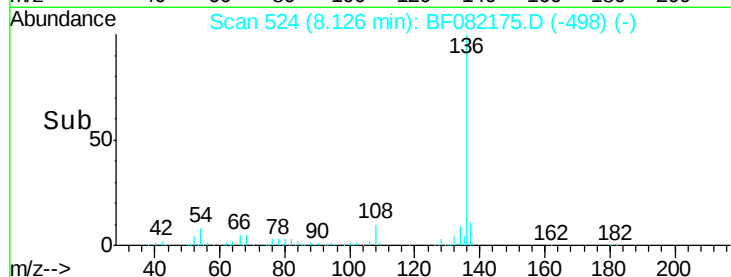
137 10.9 9.0 13.6

54 8.2 7.5 11.3

68 5.2 4.6 7.0

Manual Integrations
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10/12/2015 2:31:43 PM

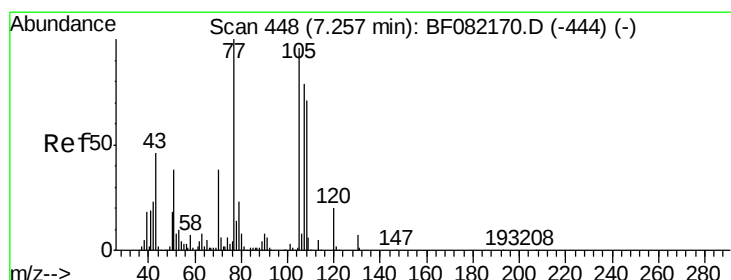
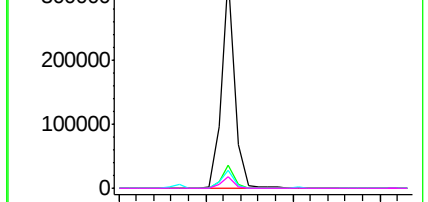


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.52 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:105 Resp: 287804

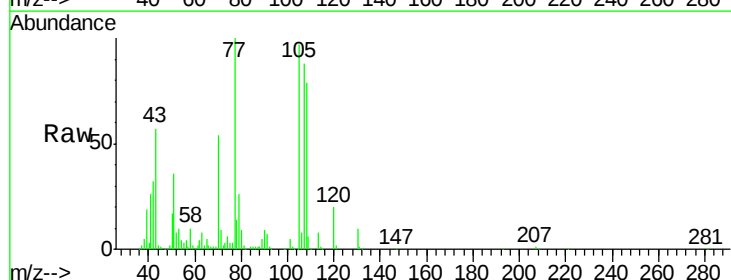
Ion Ratio Lower Upper

105 100

71 9.1 5.4 8.0#

51 37.5 31.8 47.6

120 20.8 16.3 24.5

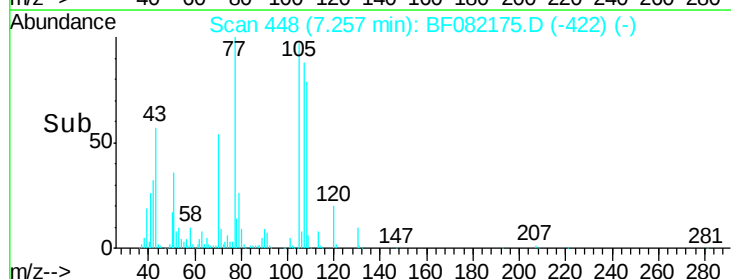
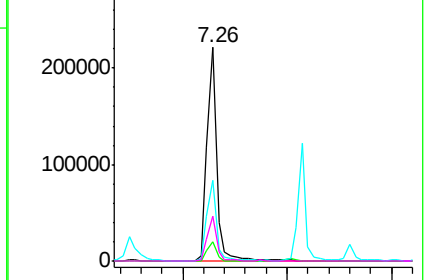


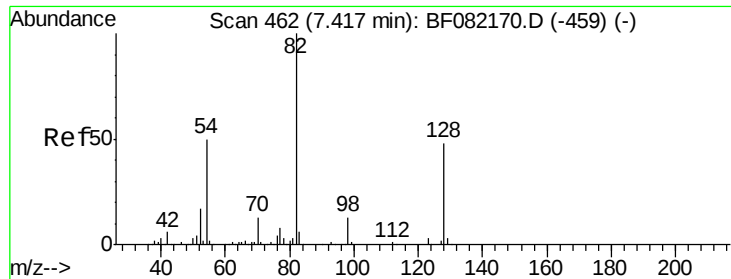
Abundance Ion 105.00 (104.70 to 105.70): E

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





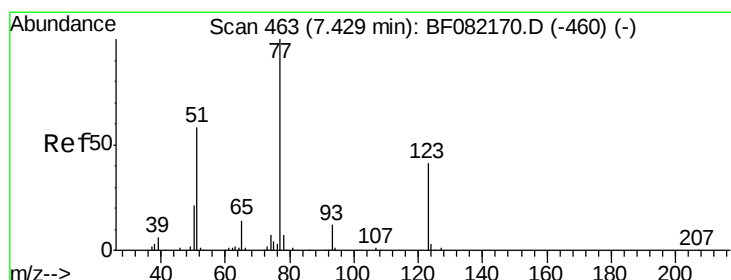
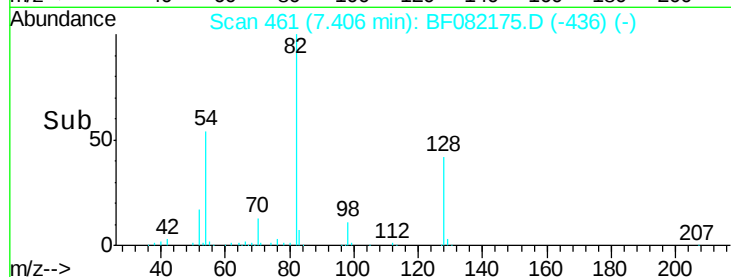
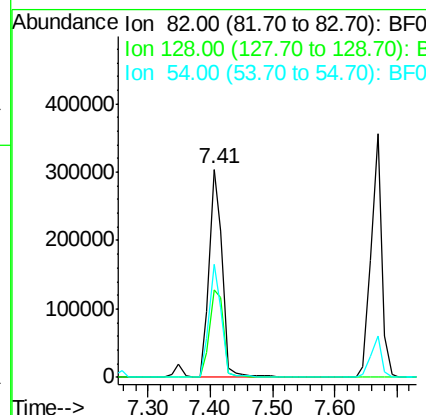
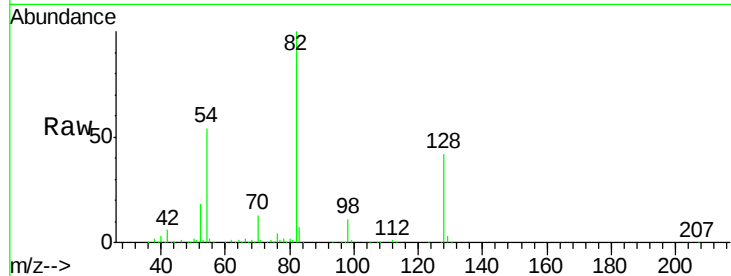
#23
 Nitrobenzene-d5
 Concen: 86.36 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	450570		
128	41.7	38.7	58.1	
54	54.5	40.1	60.1	

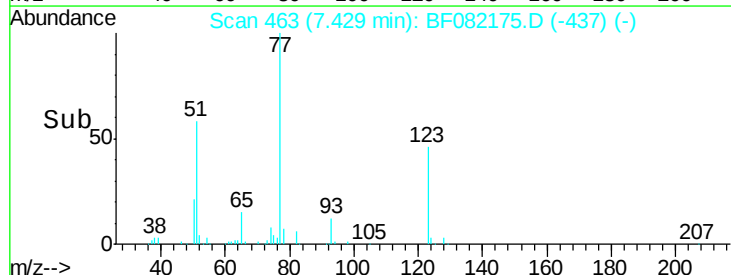
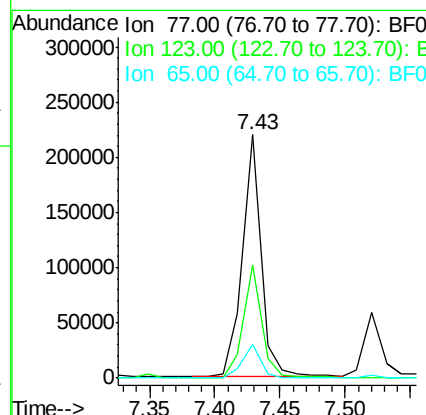
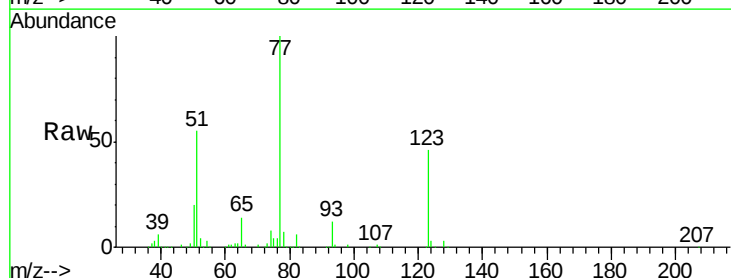
Manual Integrations
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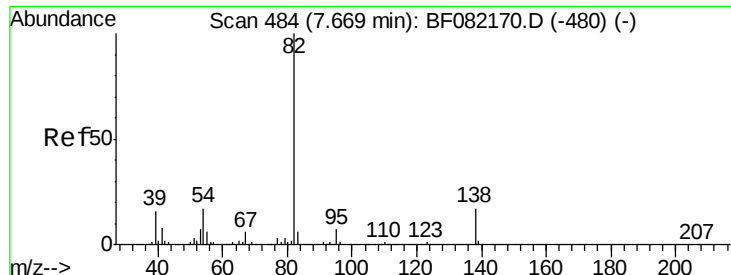
MMDadoda
 10/12/2015 2:31:43 PM



#24
 Nitrobenzene
 Concen: 39.12 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	220943		
123	46.3	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 39.53 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

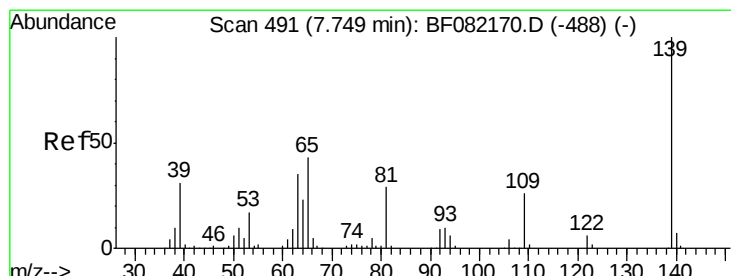
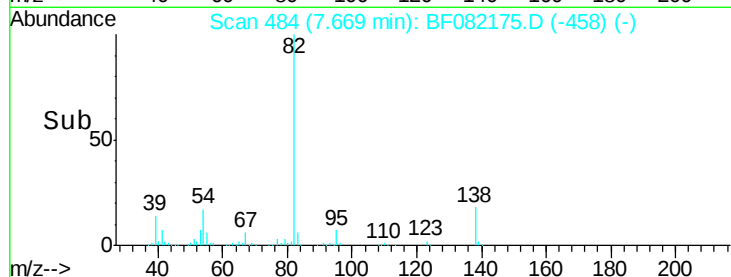
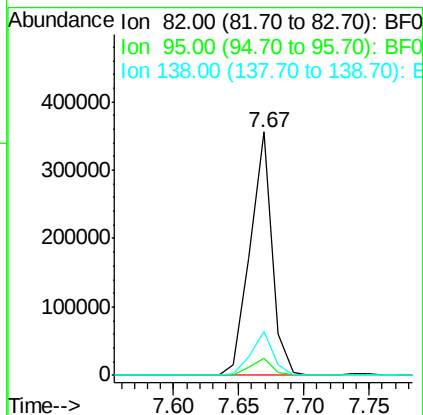
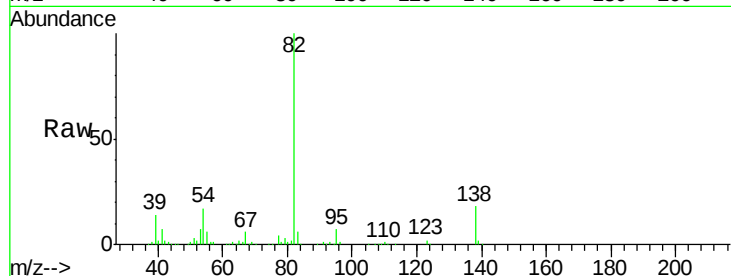
ClientSampleId :

PB86035BS

Tgt Ion:	82	Resp:	416224
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	18.3	13.6	20.4

Manual Integrations
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10/12/2015 2:31:43 PM



#26

2-Nitrophenol

Concen: 43.32 ng

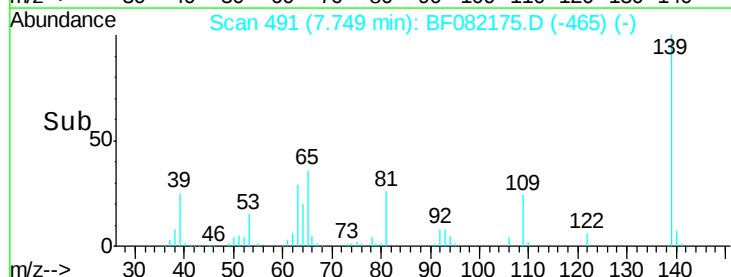
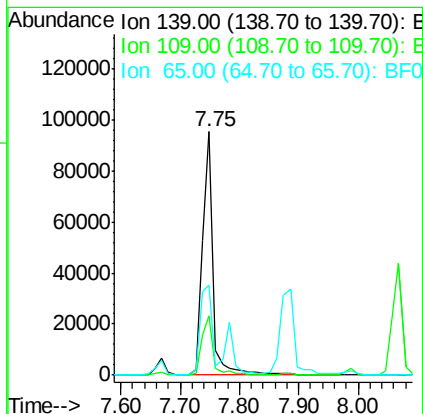
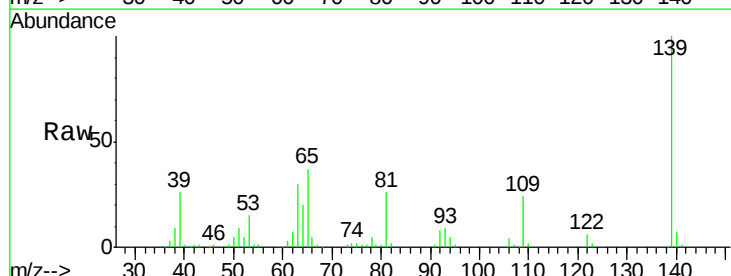
RT: 7.75 min Scan# 491

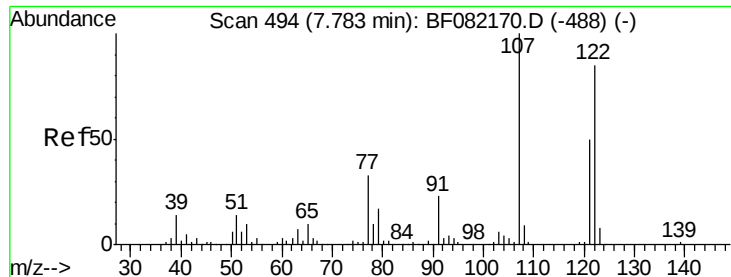
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	139	Resp:	122170
Ion Ratio	Lower	Upper	
139	100		
109	24.3	20.6	31.0
65	37.0	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 42.27 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

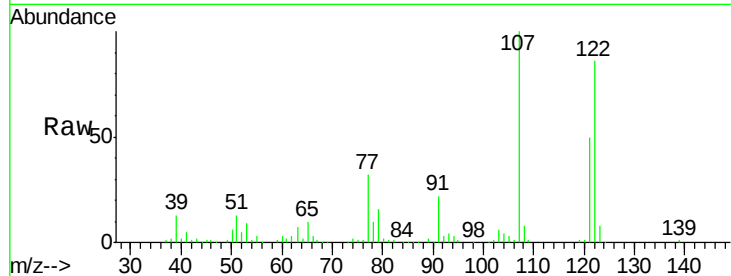
ClientSampleId :

PB86035BS

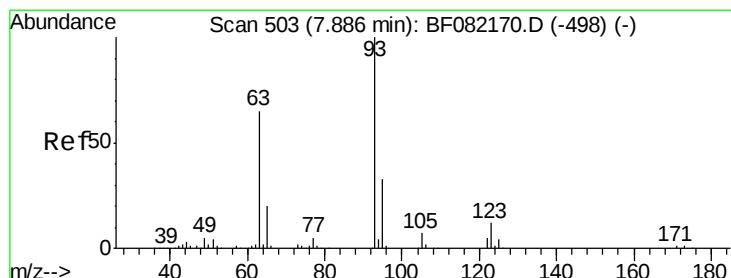
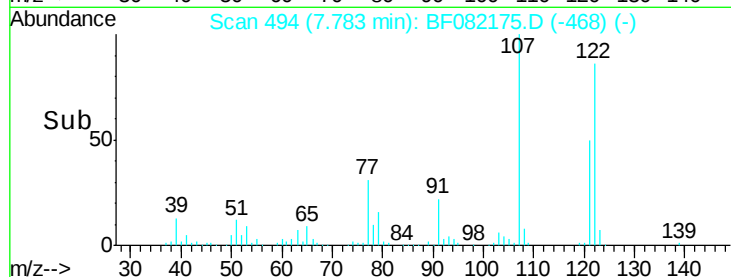
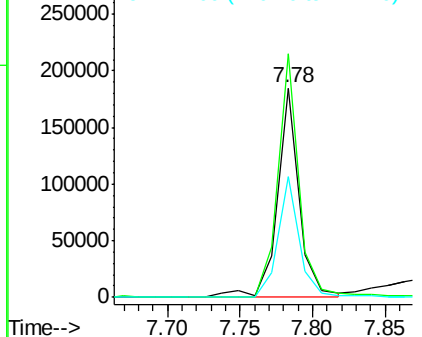
Manual Integrations
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Tgt Ion:	122	Resp:	192048
Ion Ratio	Lower	Upper	
122	100		
107	116.3	94.0	141.0
121	57.9	46.8	70.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.86 ng

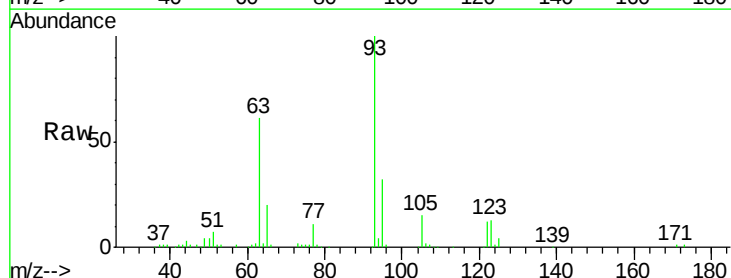
RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

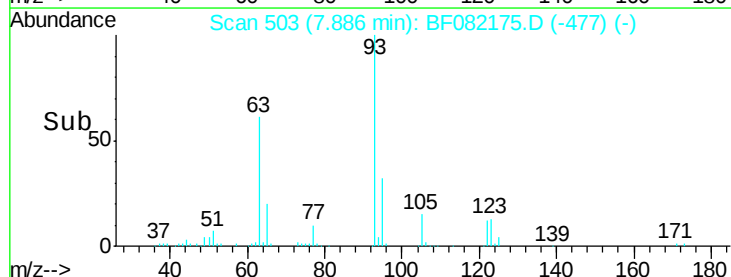
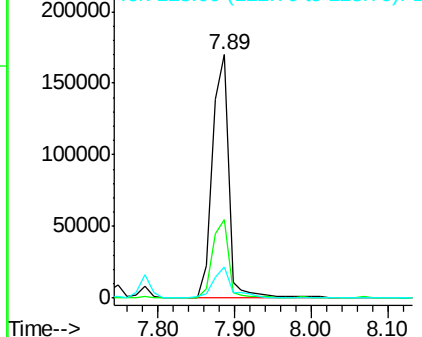
Lab File: BF082175.D

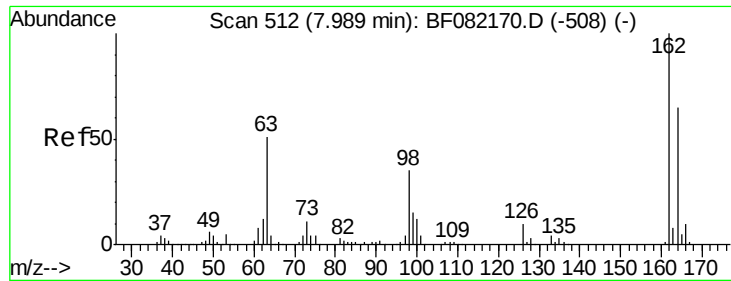
Acq: 10 Oct 2015 14:34

Tgt Ion:	93	Resp:	250343
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.6	39.8
123	12.9	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





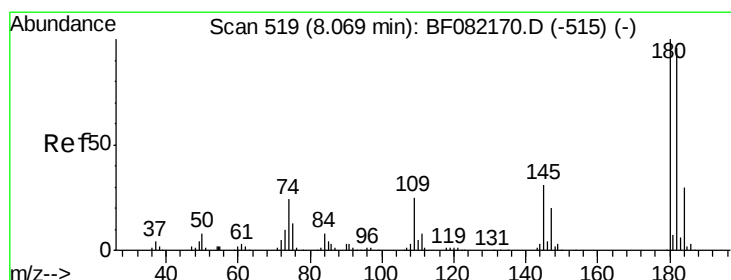
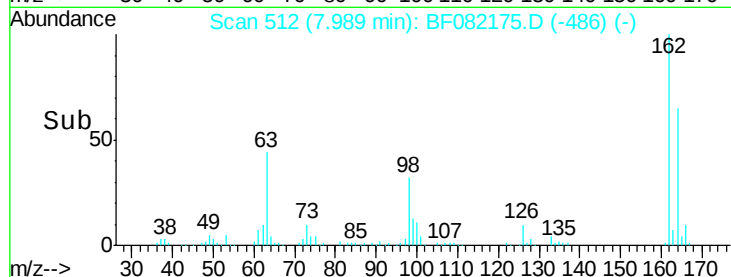
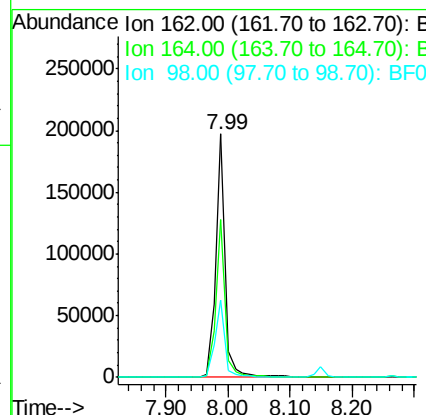
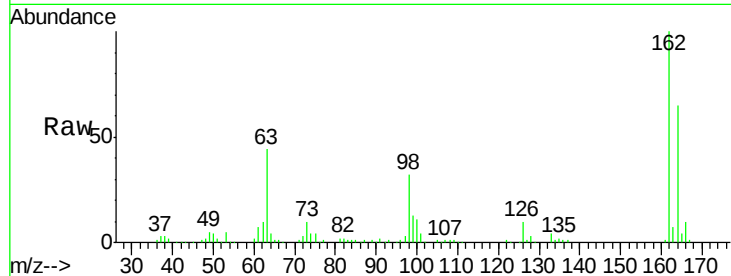
#29
2,4-Dichlorophenol
Concen: 45.76 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	207843		
164	65.1	44.6	84.6	
98	31.6	15.0	55.0	

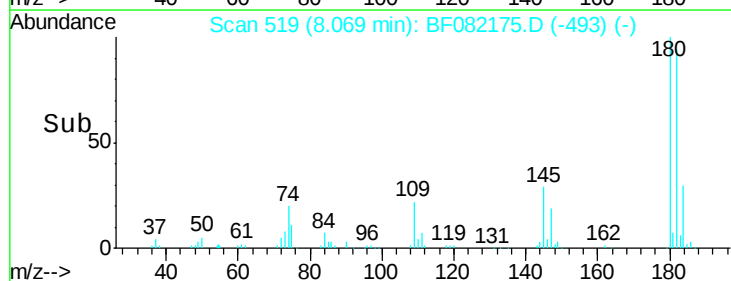
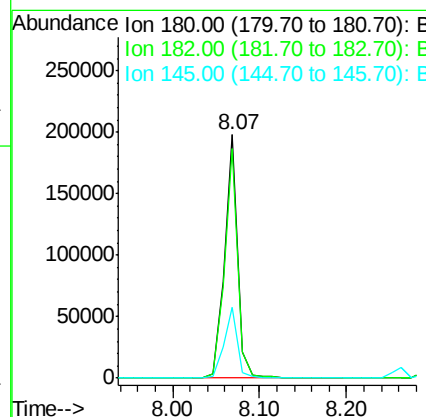
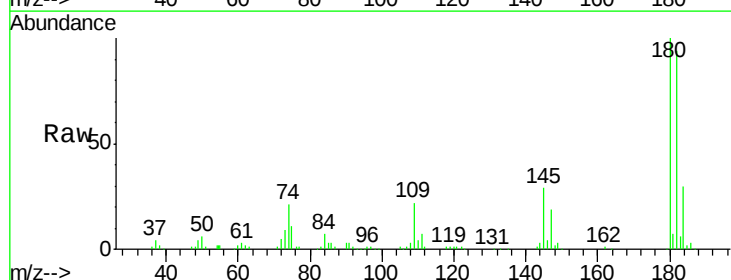
Manual Integrations
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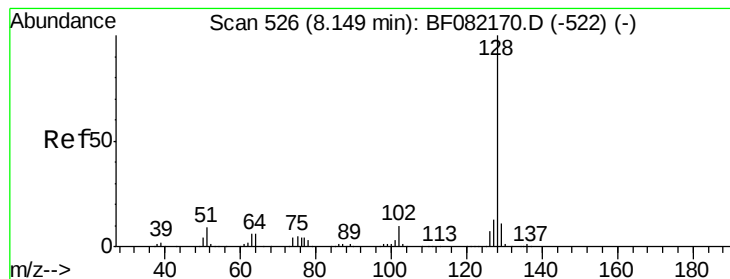
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#30
1,2,4-Trichlorobenzene
Concen: 40.33 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211094		
182	94.2	77.0	115.4	
145	29.3	25.0	37.4	





#31

Naphthalene

Concen: 41.33 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

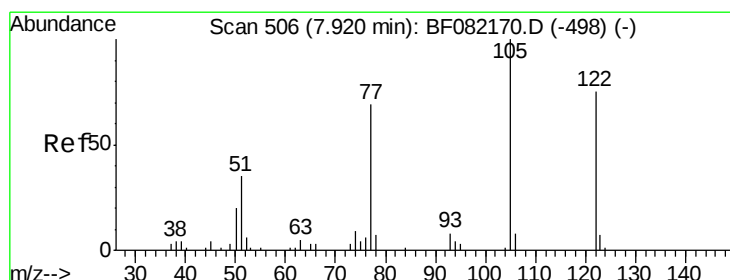
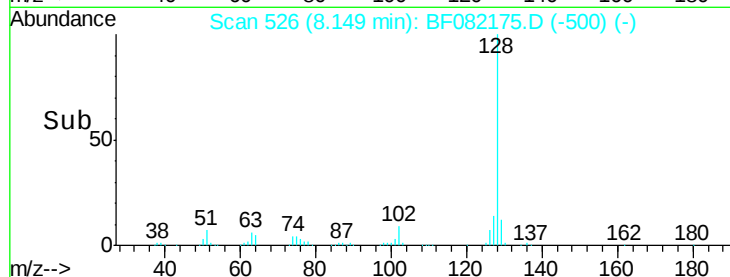
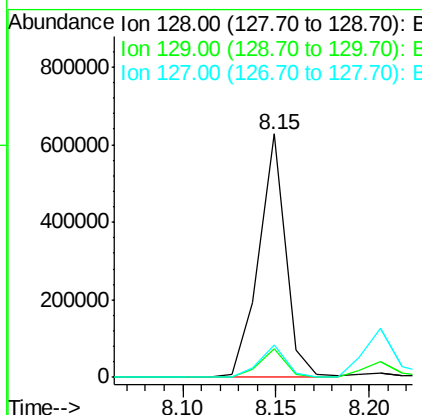
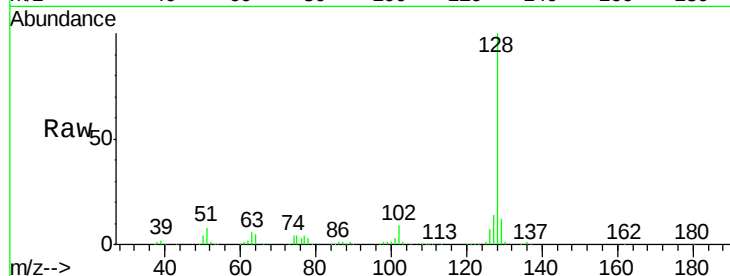
ClientSampleId :

PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	627656		
129	11.5	9.1	13.7	
127	13.6	10.7	16.1	

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#32

Benzoic acid

Concen: 42.11 ng

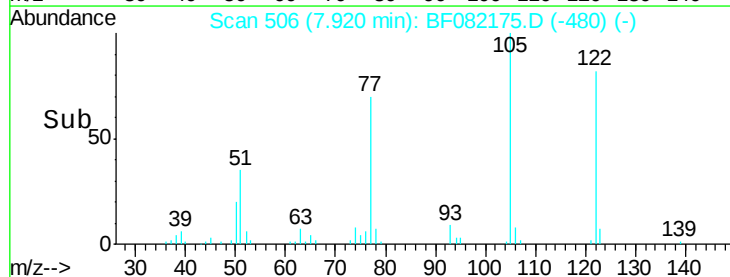
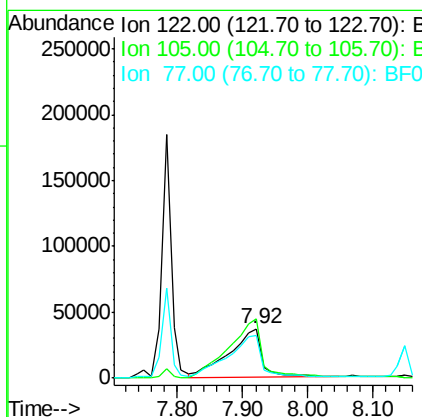
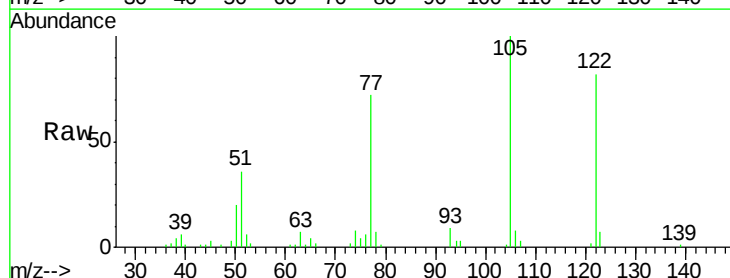
RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128409		
105	121.9	104.4	144.4	
77	87.8	69.0	109.0	





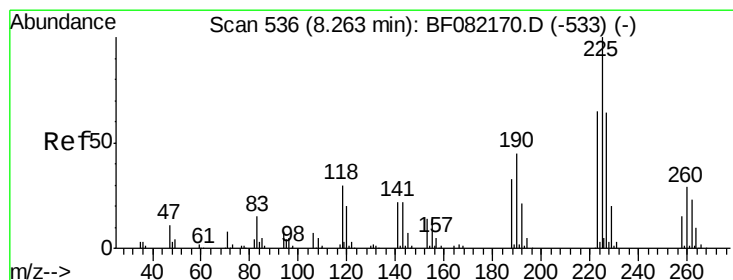
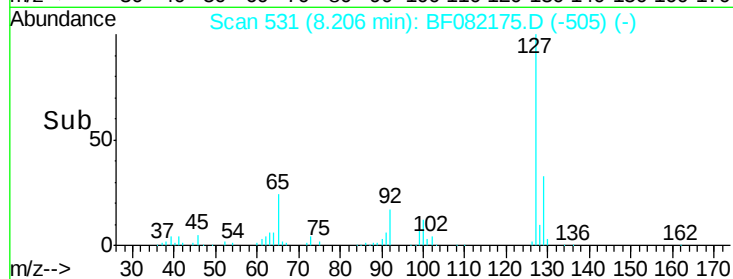
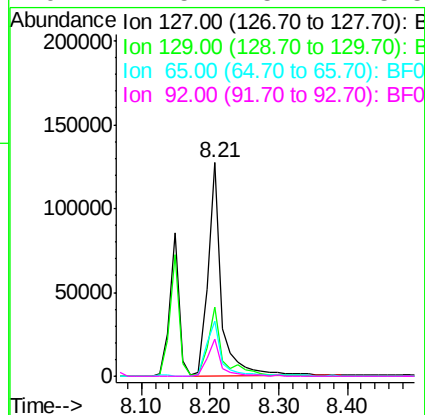
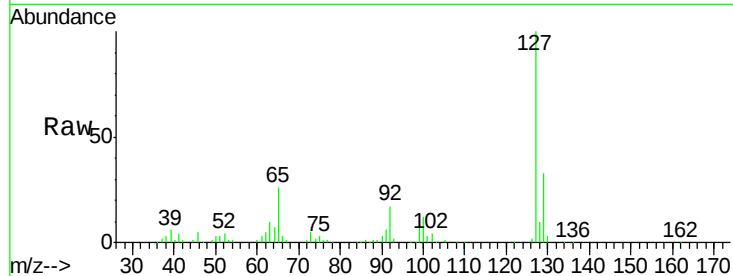
#33
4-Chloroaniline
Concen: 27.29 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.5	26.3	39.5
65	25.8	24.4	36.6
92	17.5	15.7	23.5

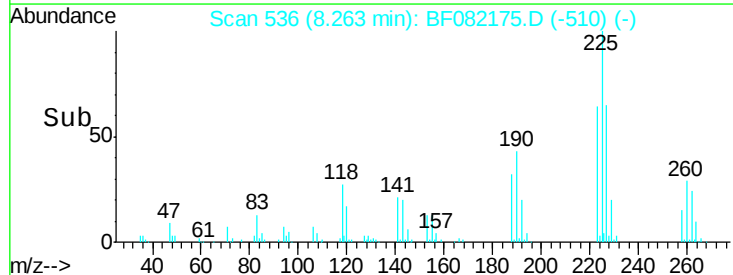
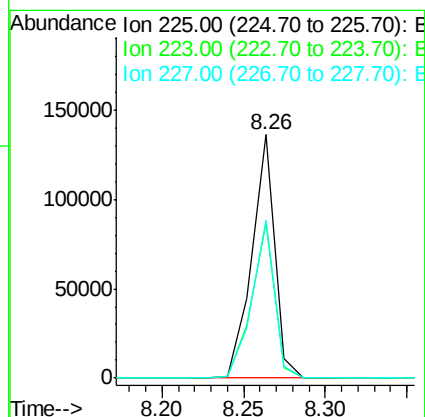
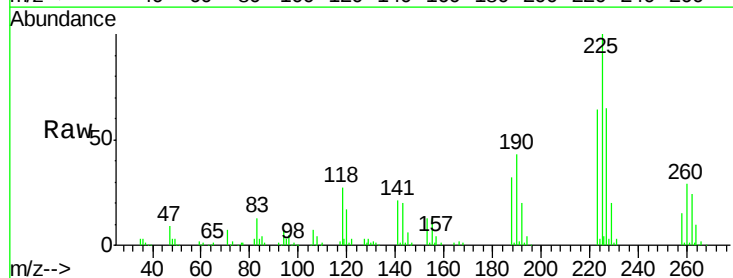
Manual Integrations
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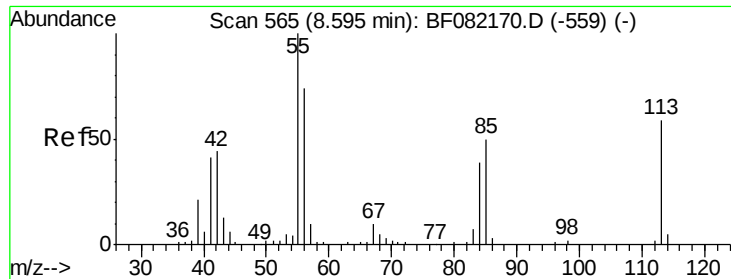
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#34
Hexachlorobutadiene
Concen: 40.71 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	52.2	78.2
227	64.8	51.3	76.9





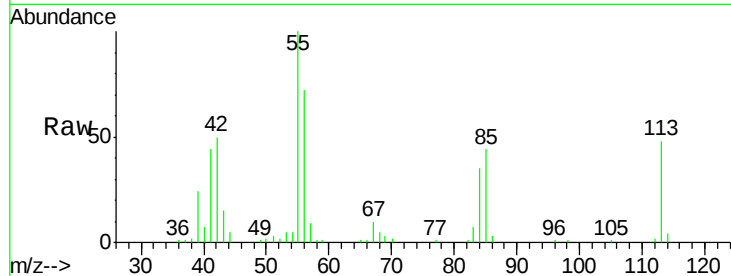
#35
Caprolactam
Concen: 44.56 ng m
RT: 8.57 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

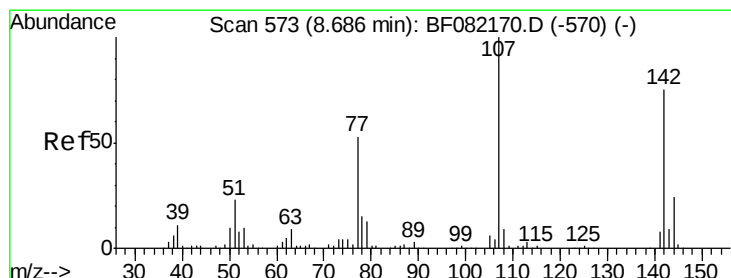
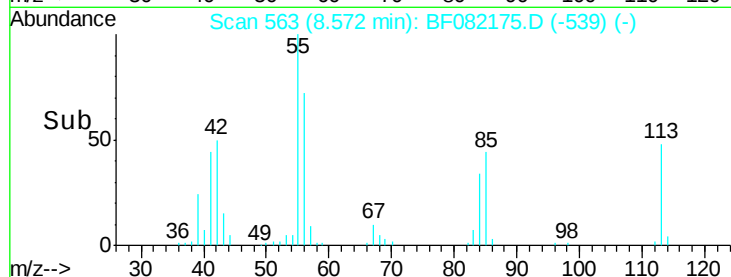
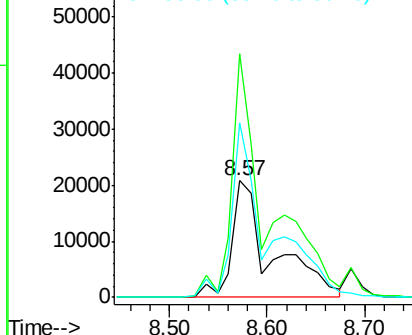
Tgt Ion:113 Resp: 58728
Ion Ratio Lower Upper
113 100
55 209.2 149.7 189.7#
56 150.0 105.4 145.4#

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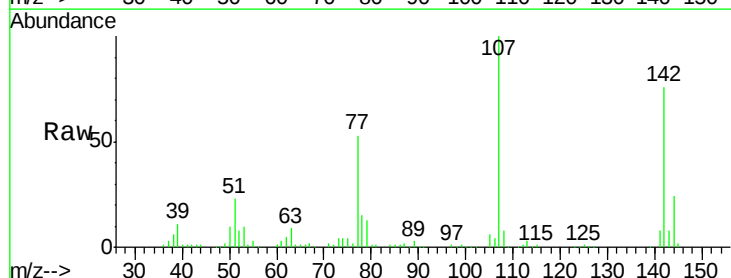


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

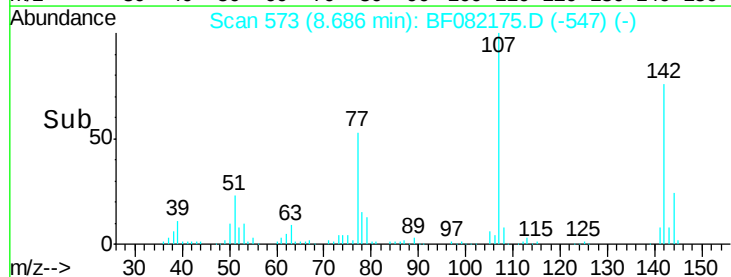
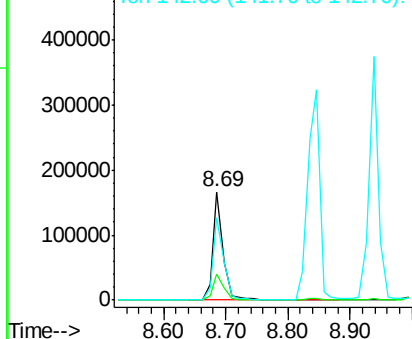


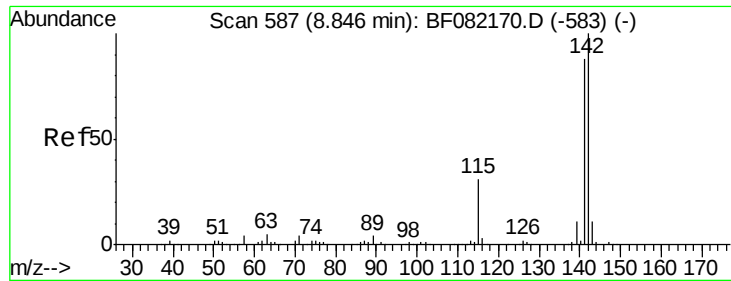
#36
4-Chloro-3-methylphenol
Concen: 42.83 ng
RT: 8.69 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:107 Resp: 190213
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 76.3 59.9 89.9



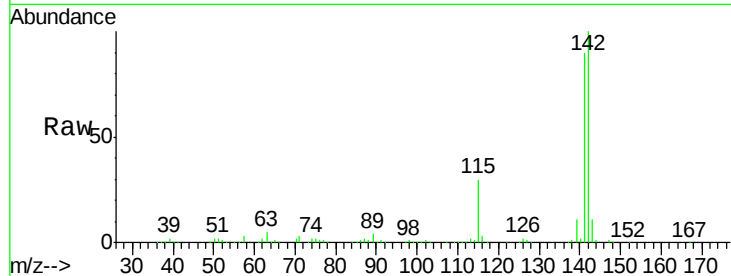
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 41.60 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

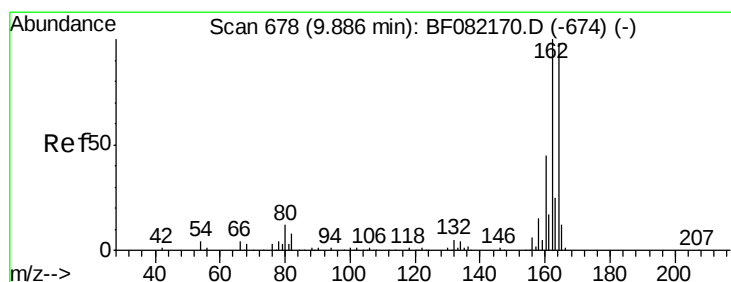
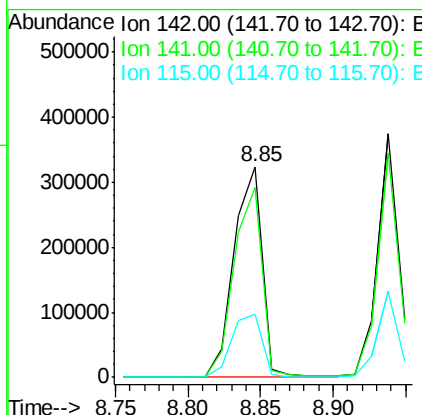
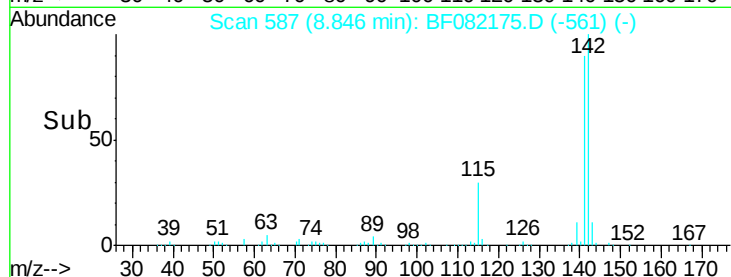
Instrument :
BNA_F
ClientSampleId :
PB86035BS



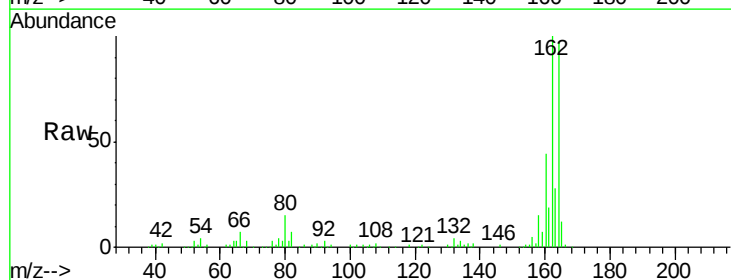
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	437976		
141	90.1	70.4	105.6	
115	29.9	24.6	37.0	

Manual Integrations
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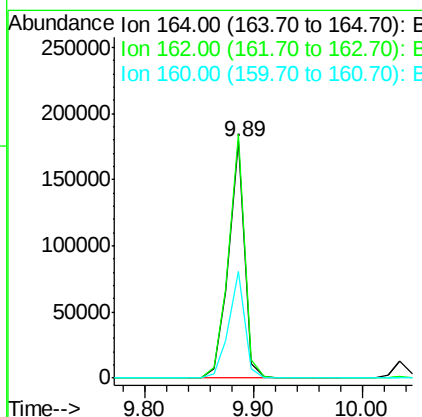
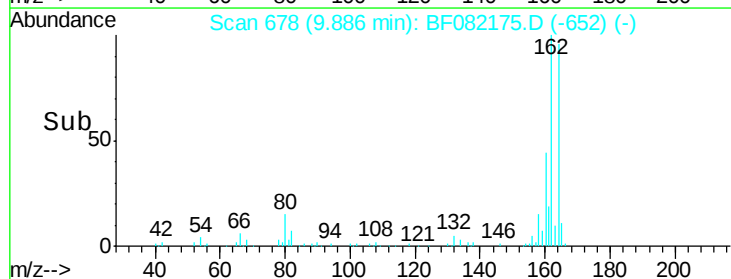
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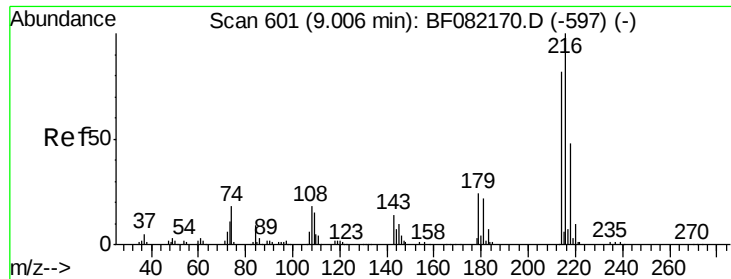


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181011		
162	102.9	81.6	122.4	
160	44.8	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.93 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082175.D

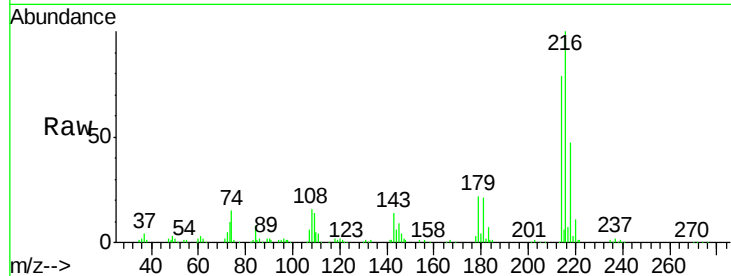
Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

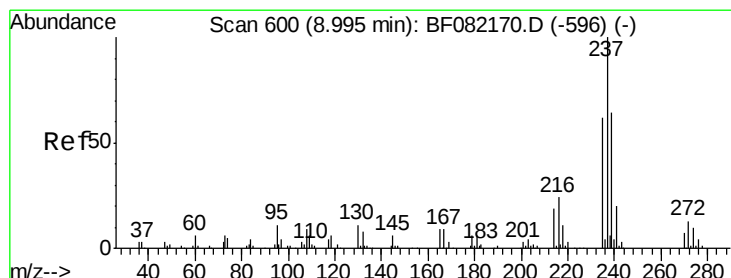
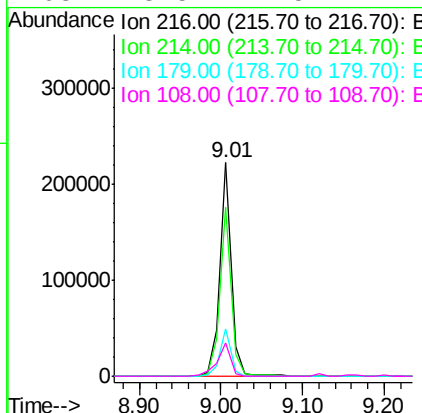
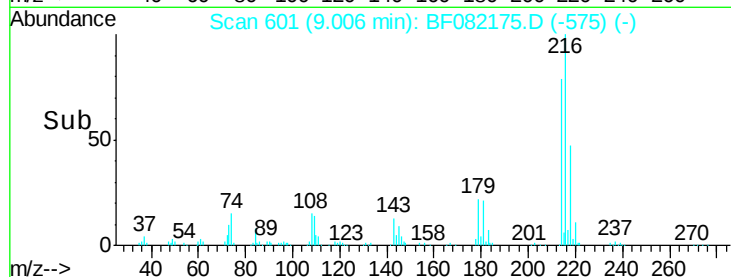
PB86035BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	214982		
214	79.1	64.6	97.0	
179	21.4	17.6	26.4	
108	18.5	14.5	21.7	

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#40

Hexachlorocyclopentadiene

Concen: 85.24 ng

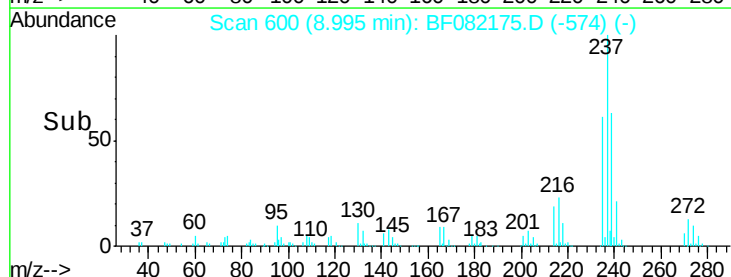
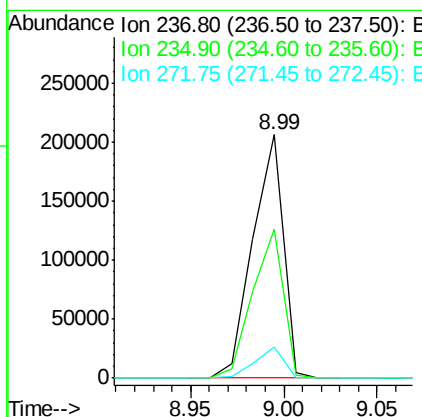
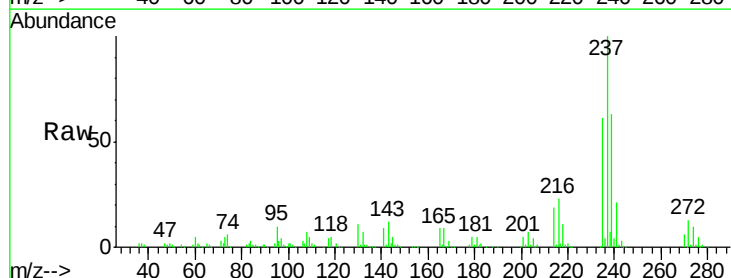
RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	233883		
235	61.2	41.7	81.7	
272	12.7	0.0	32.8	





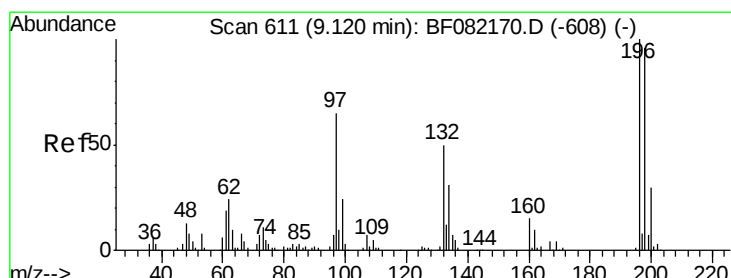
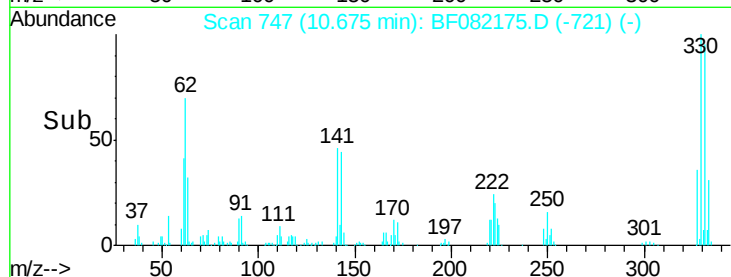
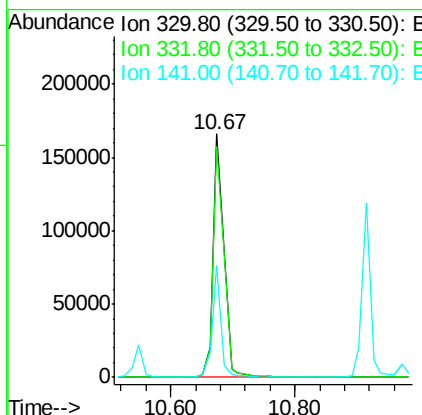
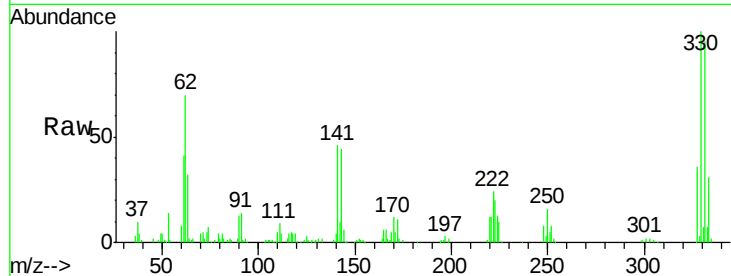
#41
 2,4,6-Tribromophenol
 Concen: 117.80 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199968		
332	96.2	77.1	115.7	
141	36.8	29.8	44.8	

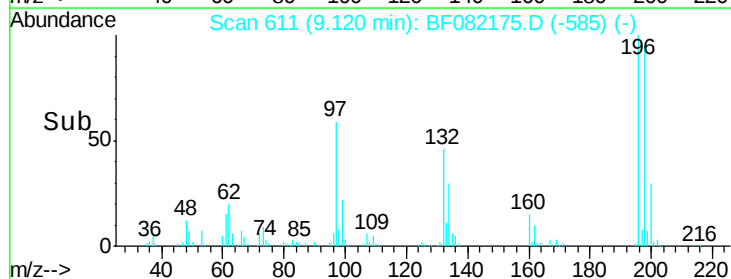
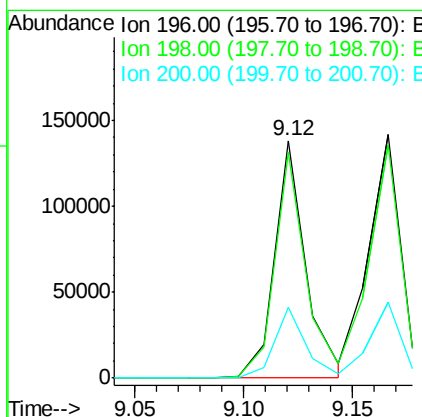
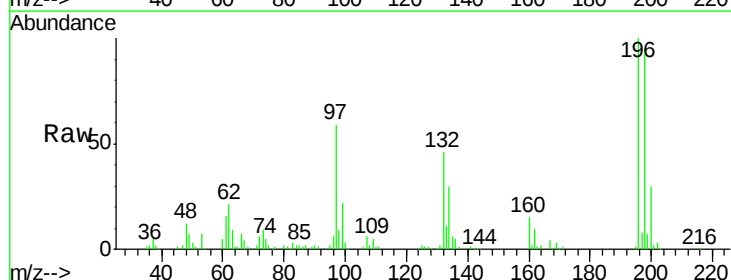
Manual Integrations
 APPROVED

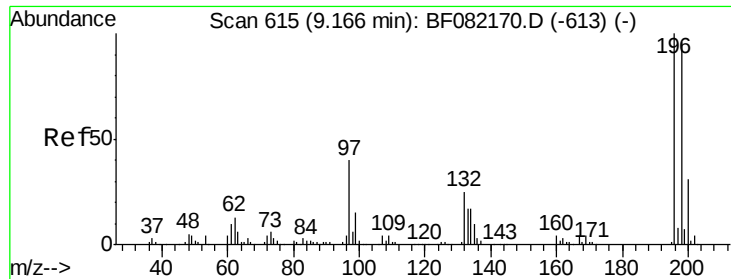
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

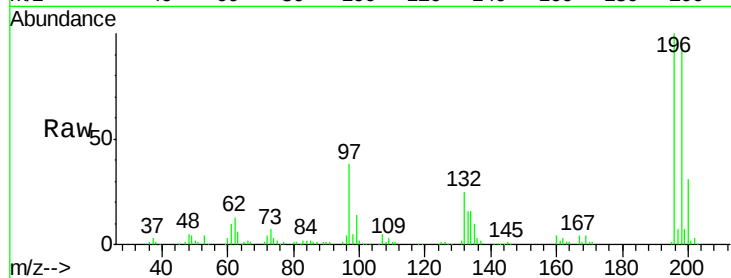
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139068		
198	95.3	76.6	115.0	
200	29.6	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

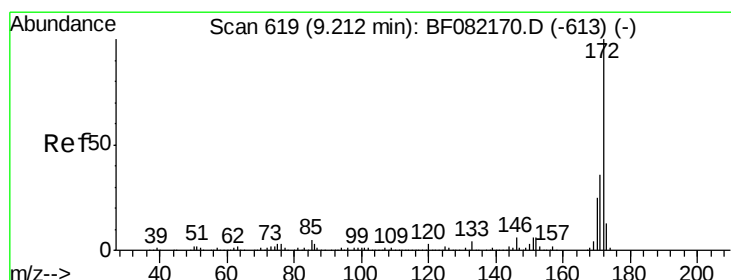
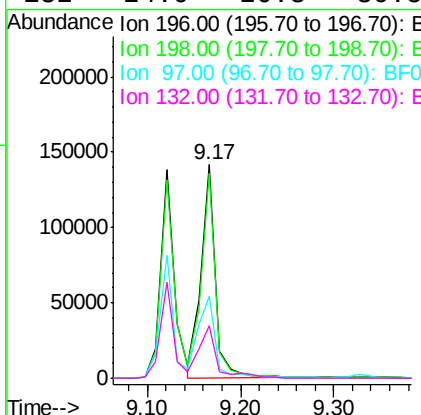
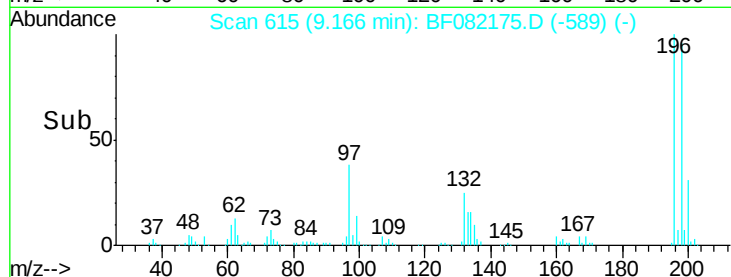
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS



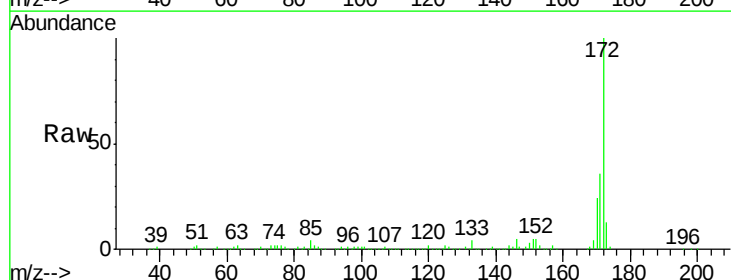
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155001		
198	95.8	77.0	115.4	
97	38.2	31.9	47.9	
132	24.9	20.3	30.5	

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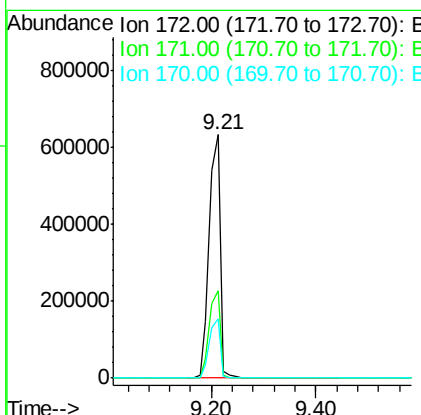
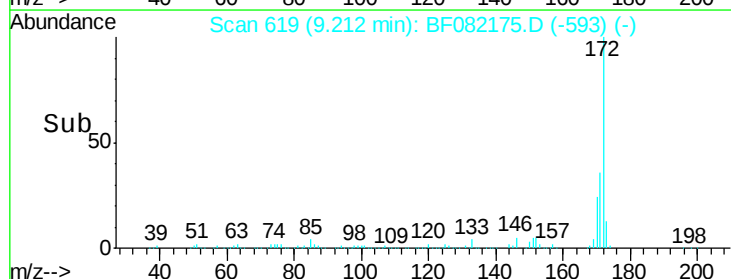
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	939647		
171	35.8	28.6	42.8	
170	24.1	19.7	29.5	





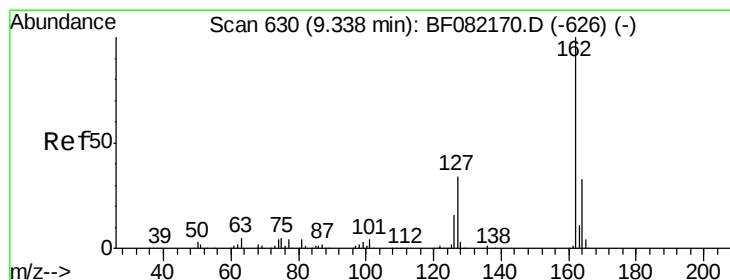
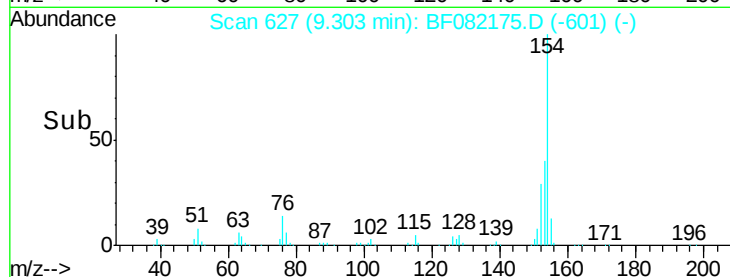
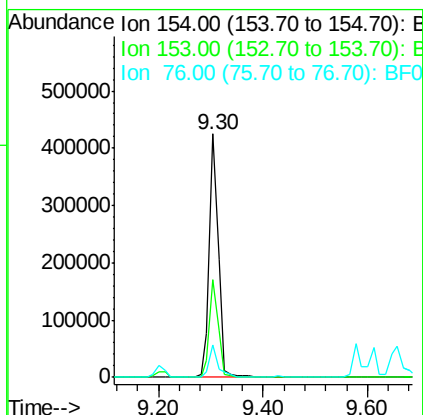
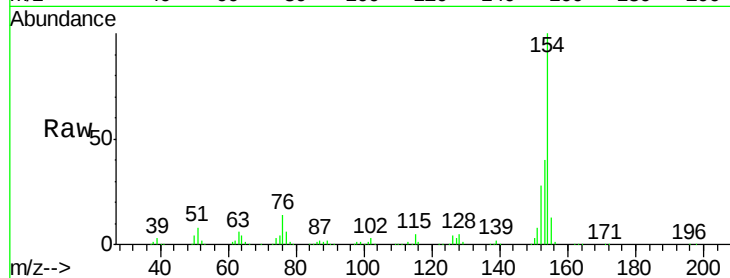
#45
 1,1'-Biphenyl
 Concen: 37.20 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.1	20.6	60.6	
76	13.5	0.0	35.2	

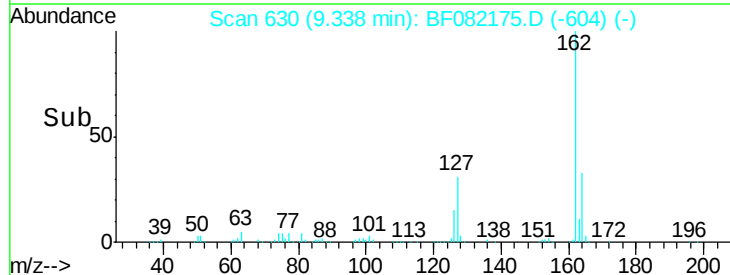
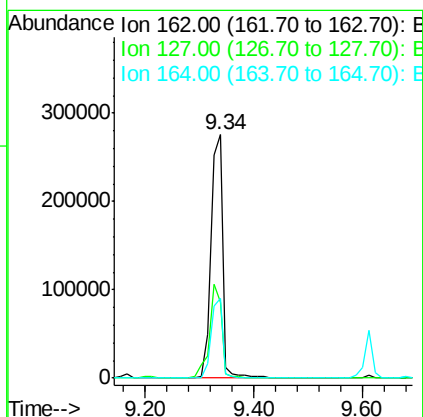
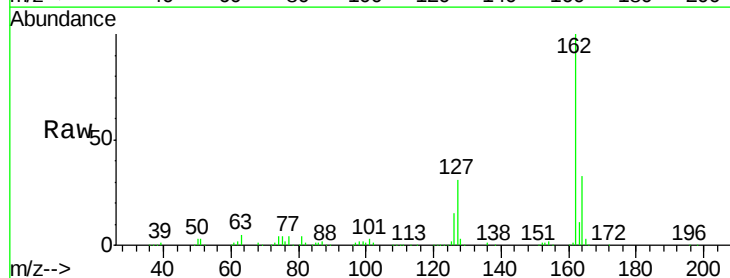
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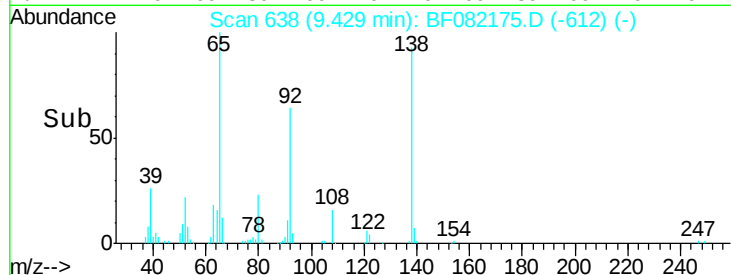
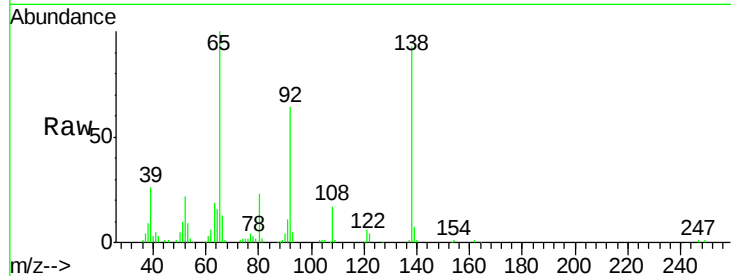
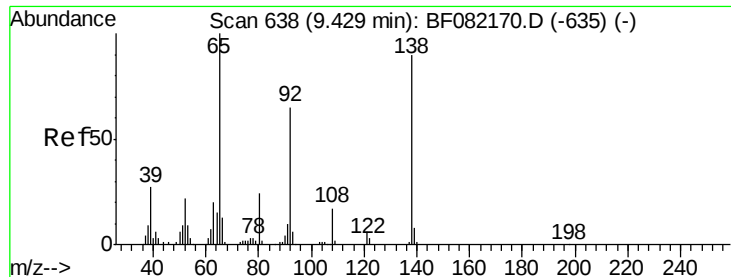
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#46
 2-Chloronaphthalene
 Concen: 38.77 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	31.3	27.5	41.3	
164	33.0	26.6	39.8	





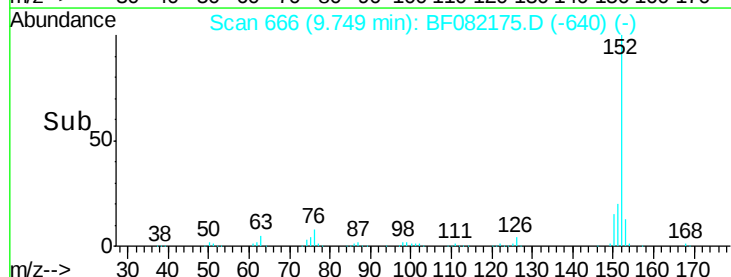
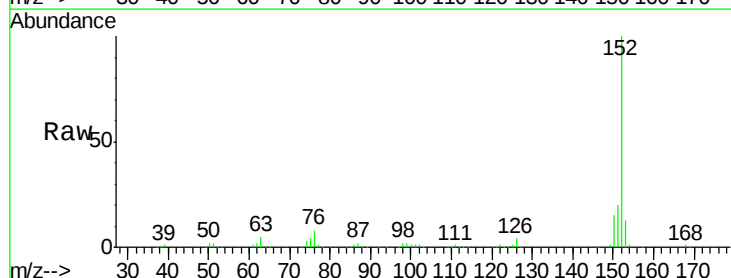
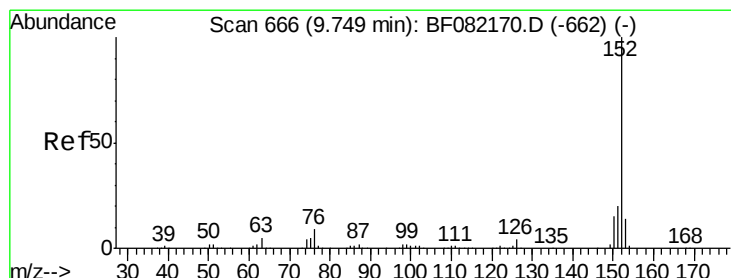
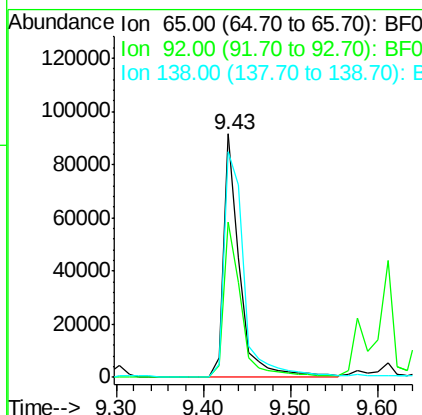
#47
2-Nitroaniline
Concen: 39.91 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	52.3	78.5
138	92.9	72.2	108.4

Instrument :
BNA_F
ClientSampleId :
PB86035BS

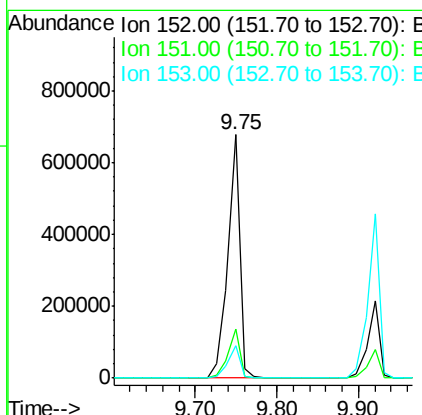
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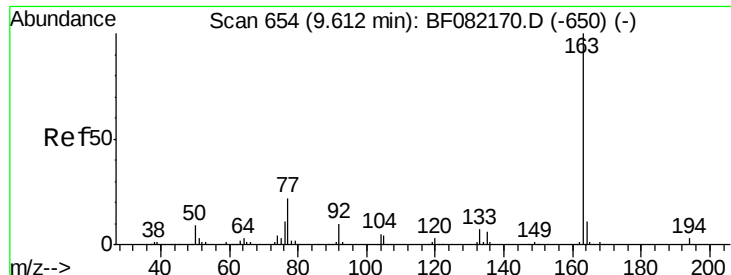
MMDadoda
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#48
Acenaphthylene
Concen: 40.61 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.2	10.8	16.2





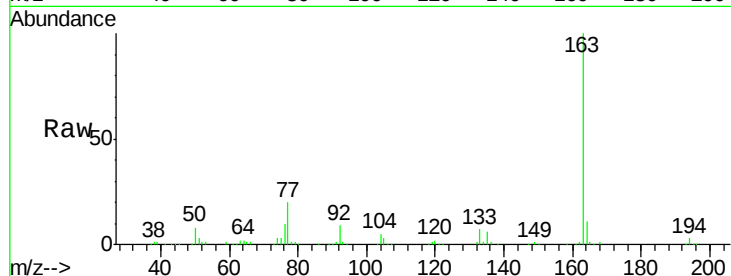
#49
Dimethylphthalate
Concen: 39.14 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

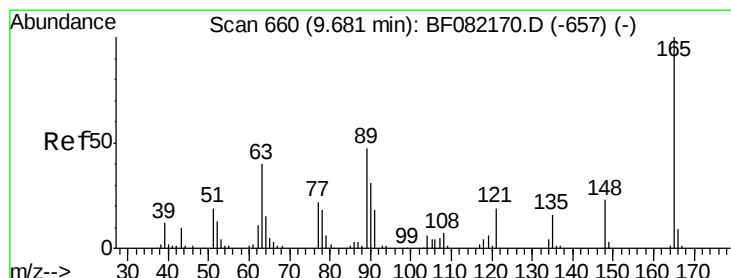
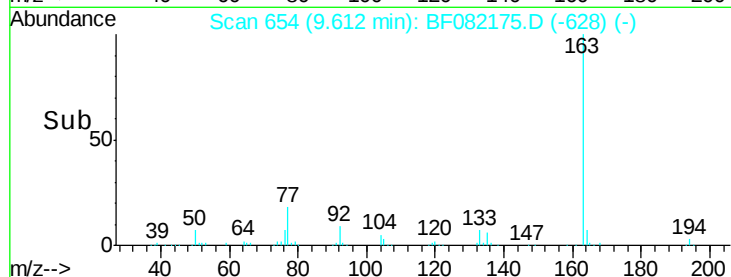
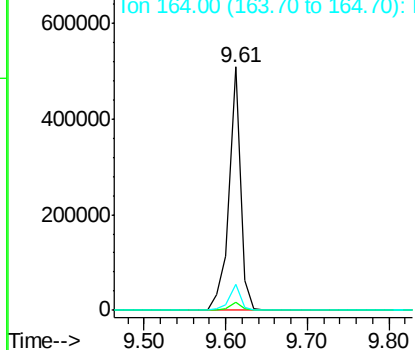
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.5	12.7

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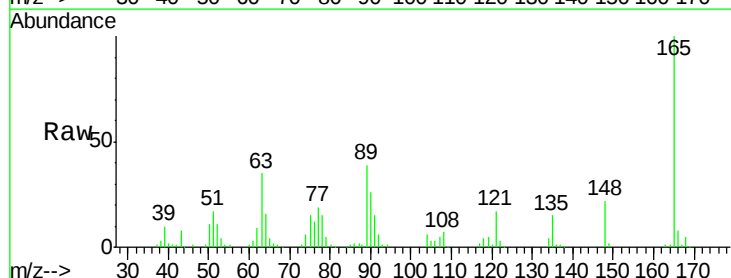


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

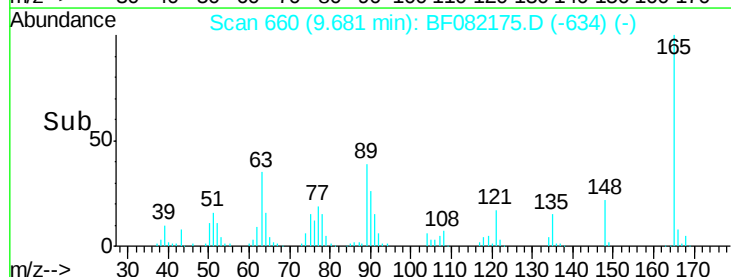
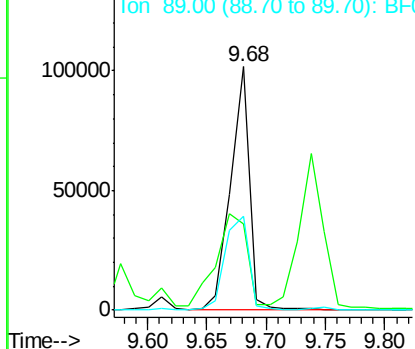


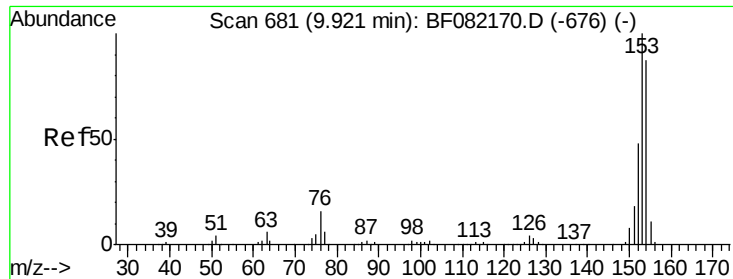
#50
2,6-Dinitrotoluene
Concen: 41.86 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.4	36.7	55.1#
89	38.8	37.8	56.6



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





#51

Acenaphthene

Concen: 40.16 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082175.D

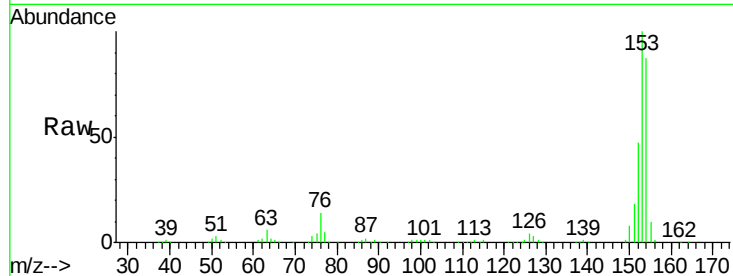
Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

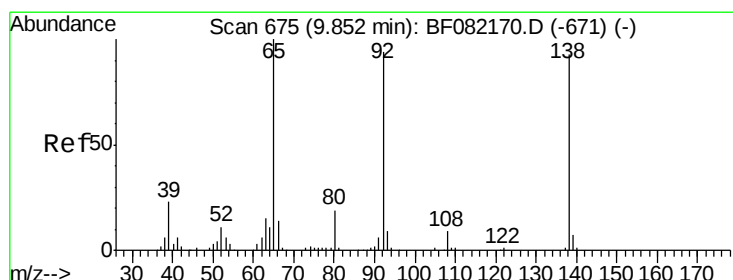
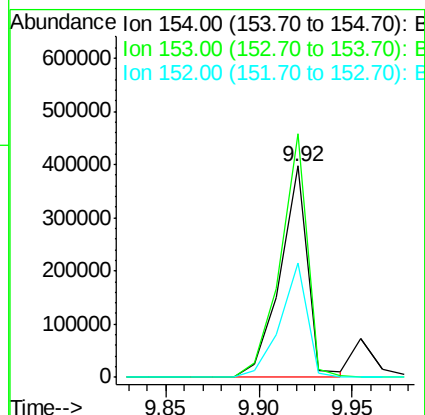
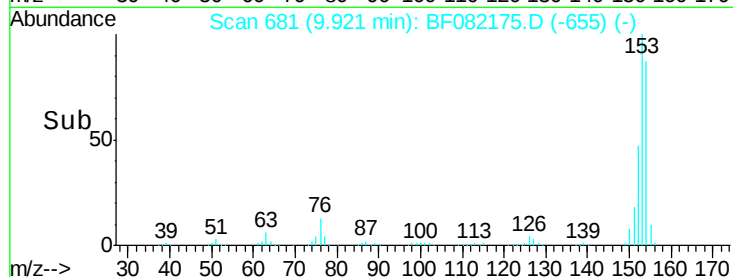
PB86035BS



Tgt Ion:	154	Resp:	408067
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.4	137.2
152	54.2	44.3	66.5

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#52

3-Nitroaniline

Concen: 25.29 ng

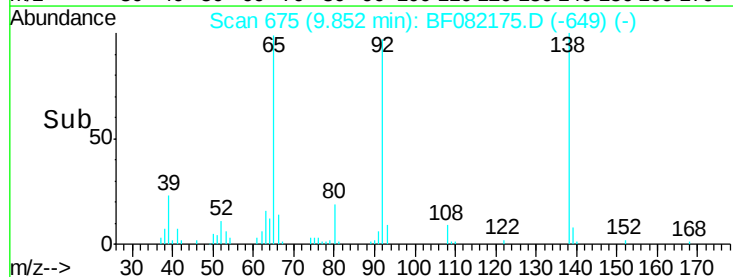
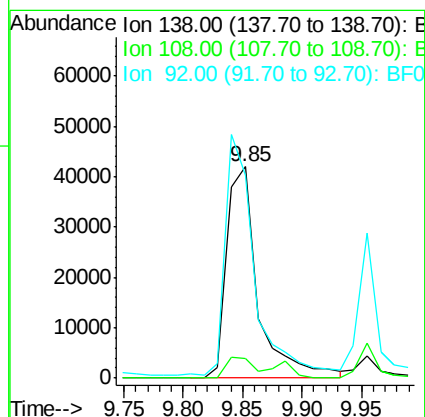
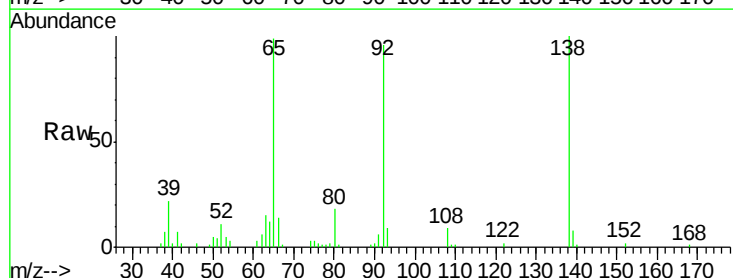
RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	138	Resp:	76834
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.4	11.0
92	96.0	81.3	121.9





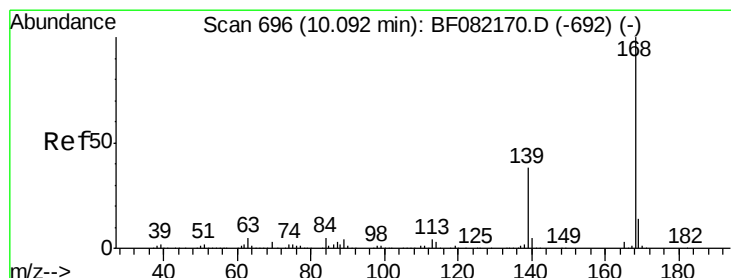
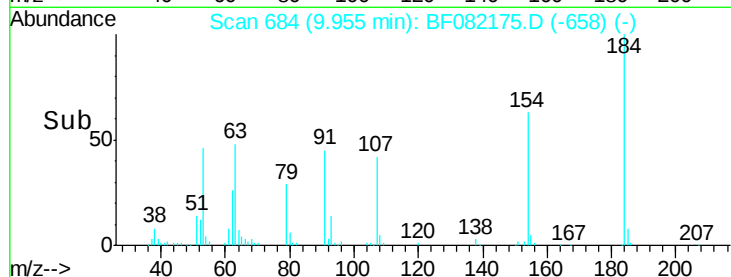
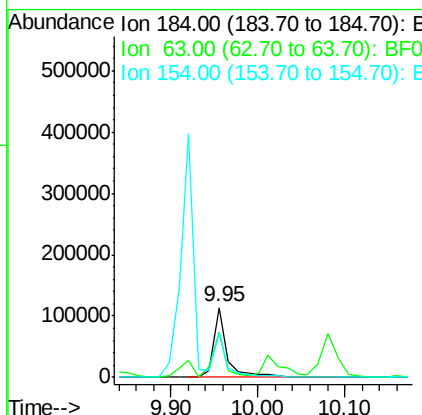
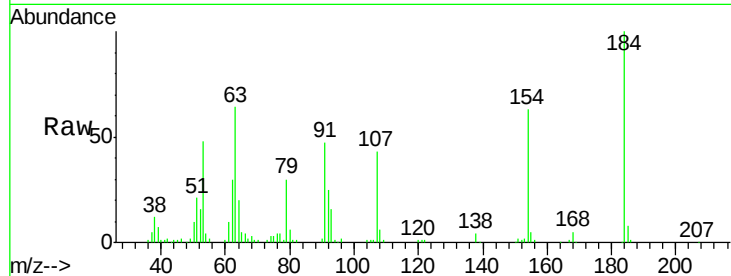
#53
2,4-Dinitrophenol
Concen: 83.80 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampled :
PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	126444		
63	64.1	45.1	67.7	
154	63.4	51.2	76.8	

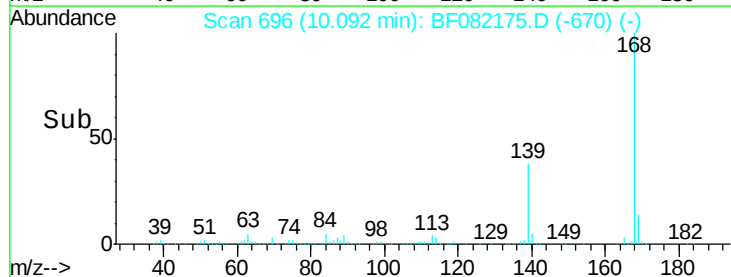
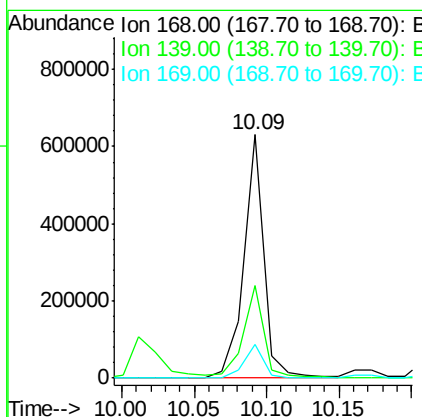
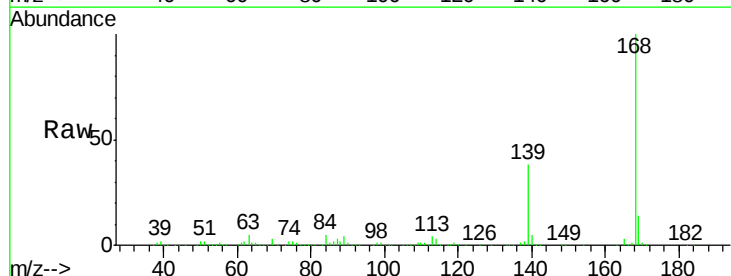
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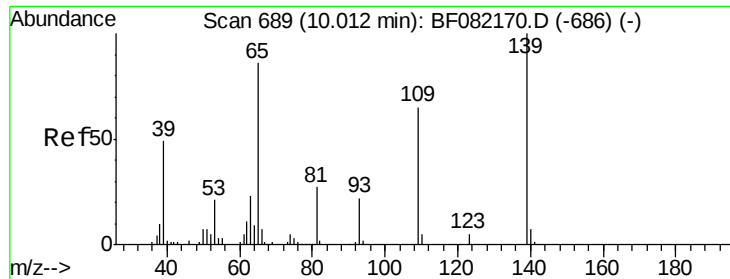
MMDadoda
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#54
Dibenzofuran
Concen: 43.20 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	602632		
139	38.3	31.0	46.6	
169	13.7	10.9	16.3	





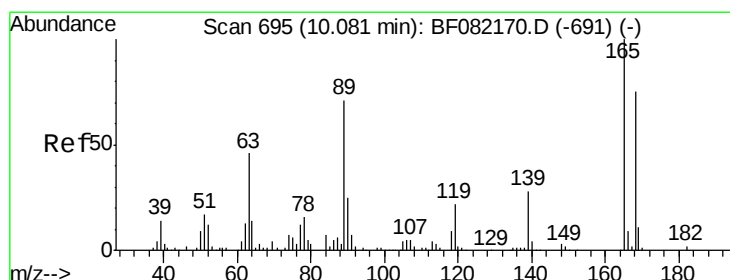
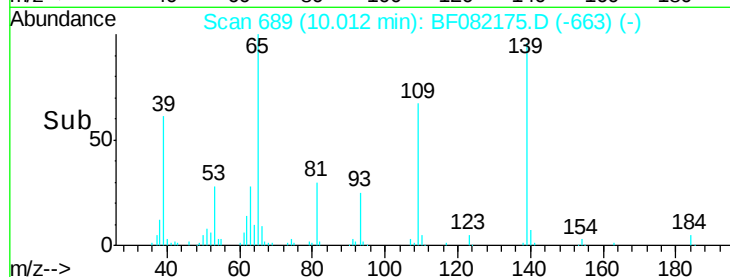
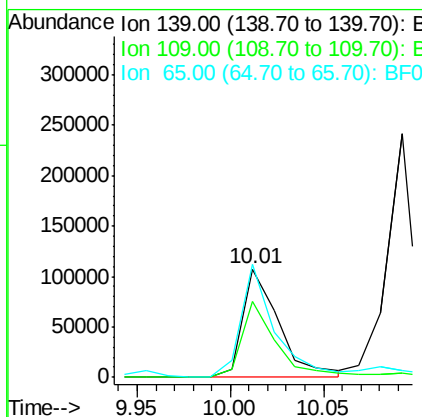
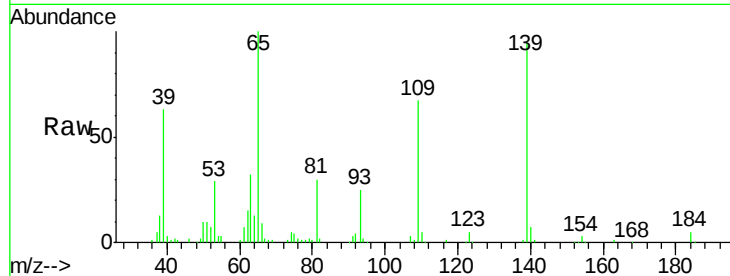
#55
4-Nitrophenol
Concen: 72.98 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147806		
109	70.0	44.8	84.8	
65	105.0	67.7	107.7	

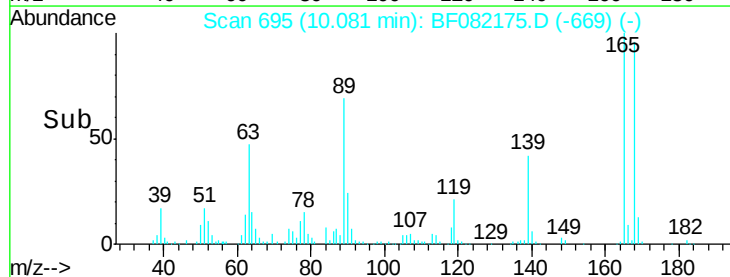
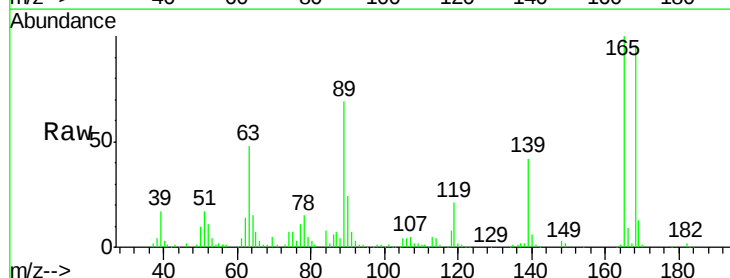
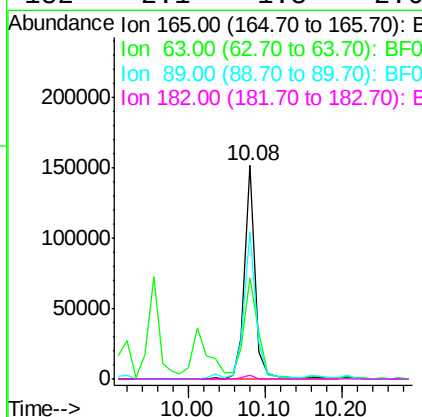
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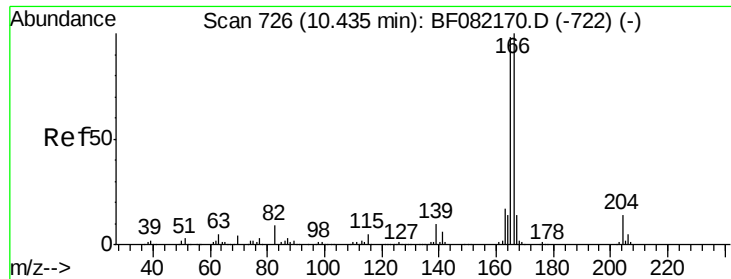
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#56
2,4-Dinitrotoluene
Concen: 43.94 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147703		
63	47.5	38.6	58.0	
89	69.0	57.0	85.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 42.37 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

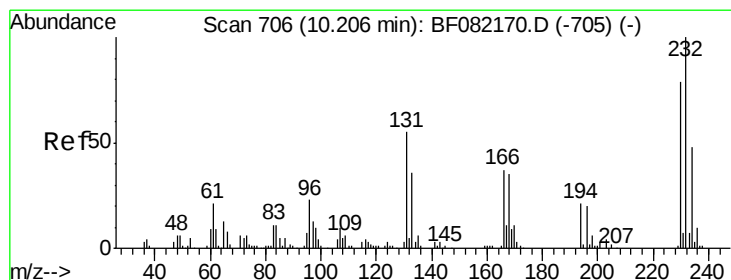
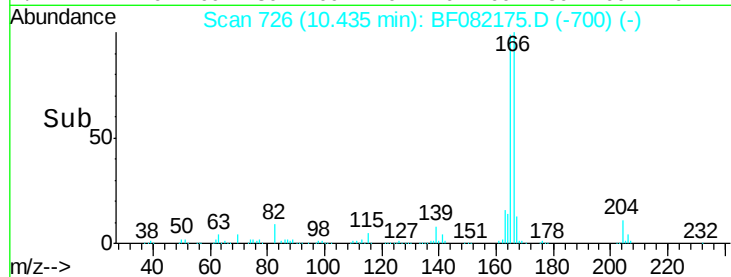
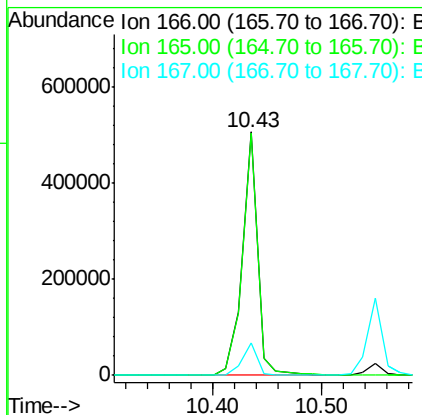
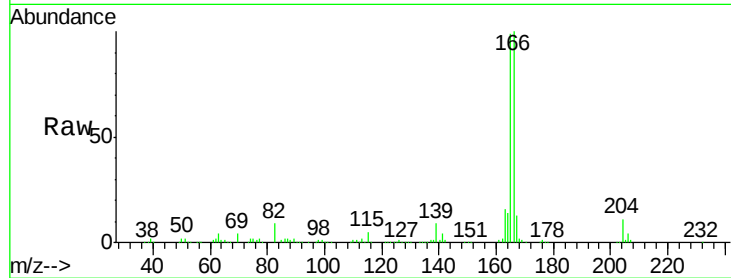
ClientSampleId :

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Tgt Ion:	166	Resp:	485502
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.3	117.5
167	13.4	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.21 ng

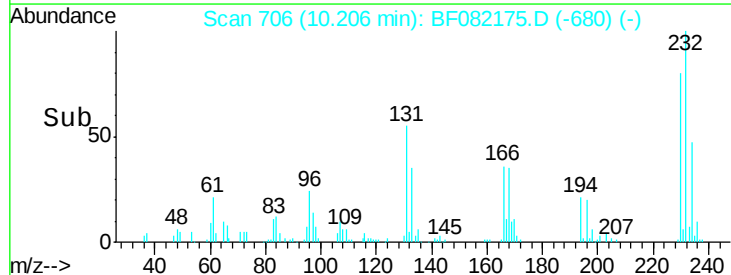
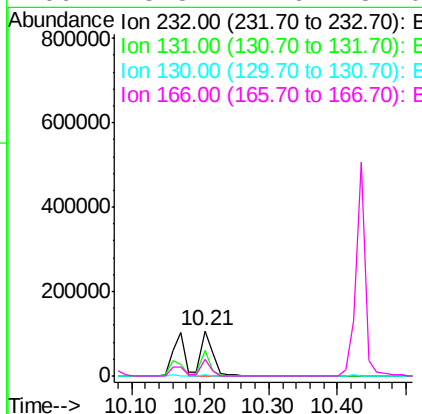
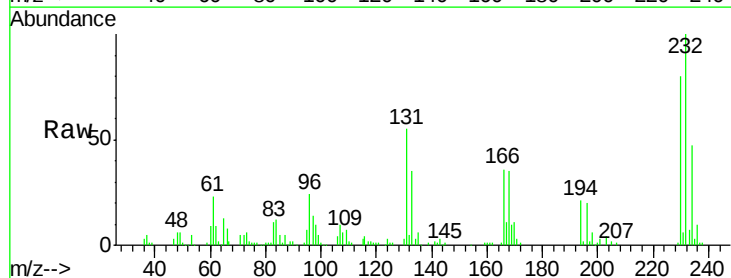
RT: 10.21 min Scan# 706

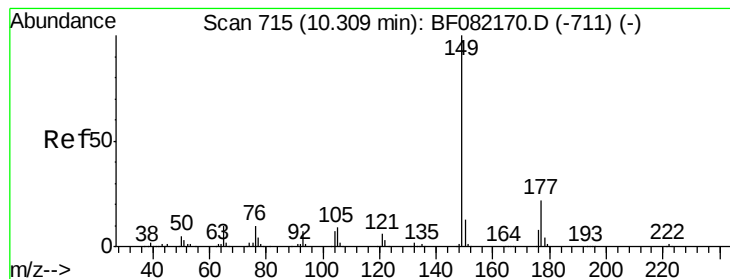
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	232	Resp:	133601
Ion Ratio	Lower	Upper	
232	100		
131	43.8	36.6	54.8
130	1.9	1.5	2.3
166	28.8	24.6	37.0





#59

Diethylphthalate

Concen: 39.88 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

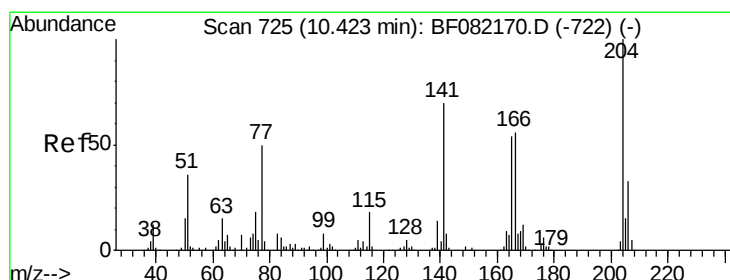
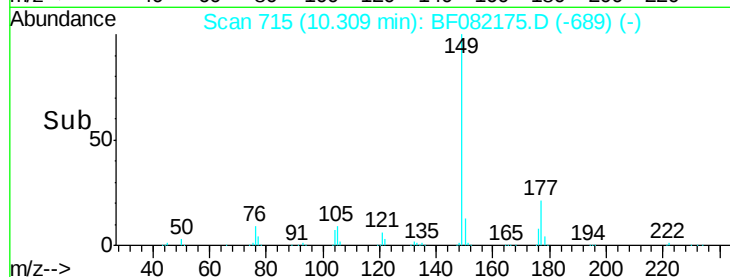
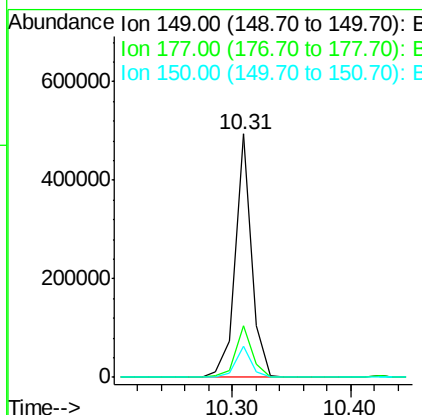
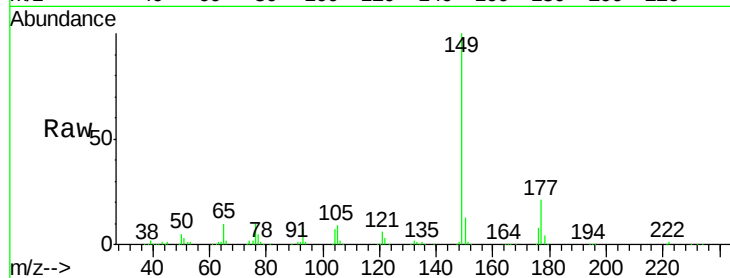
ClientSampleId :

PB86035BS

Tgt Ion:	149	Resp:	473881
Ion Ratio	Lower	Upper	
149	100		
177	21.0	17.6	26.4
150	12.8	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 39.44 ng

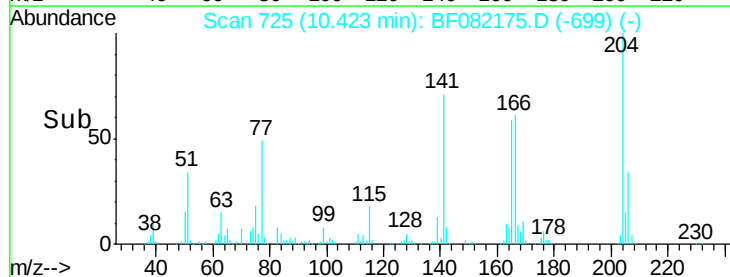
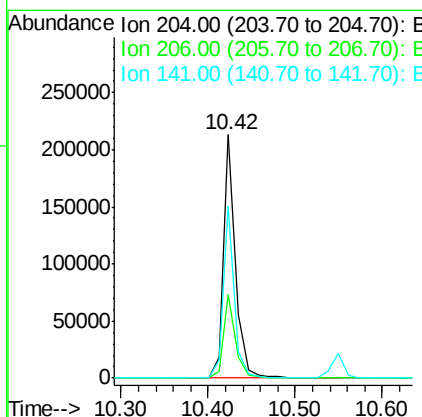
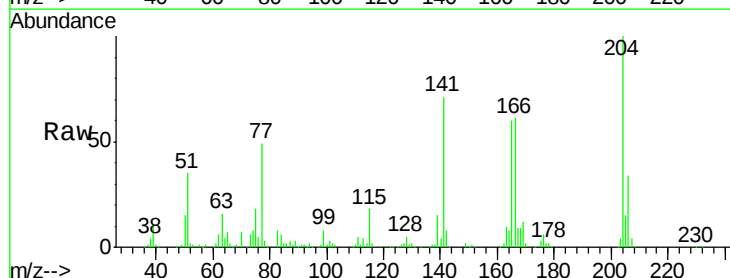
RT: 10.42 min Scan# 725

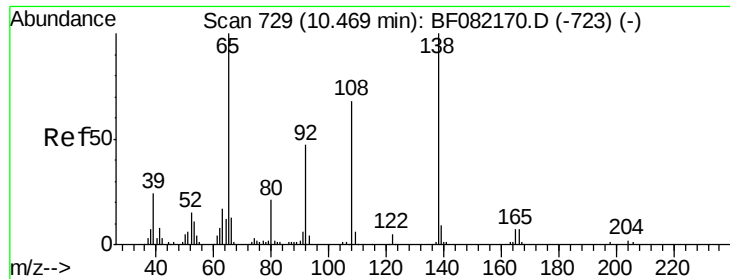
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

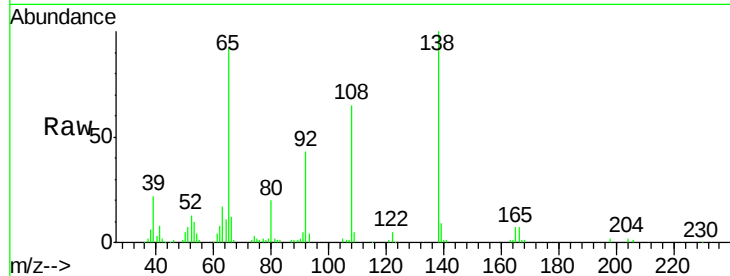
Tgt Ion:	204	Resp:	207018
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.8	40.2
141	70.8	56.1	84.1





#61
4-Nitroaniline
Concen: 40.28 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

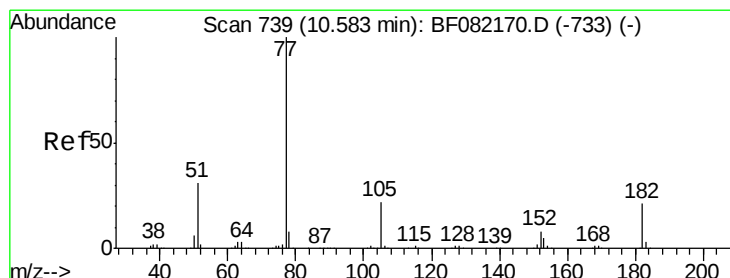
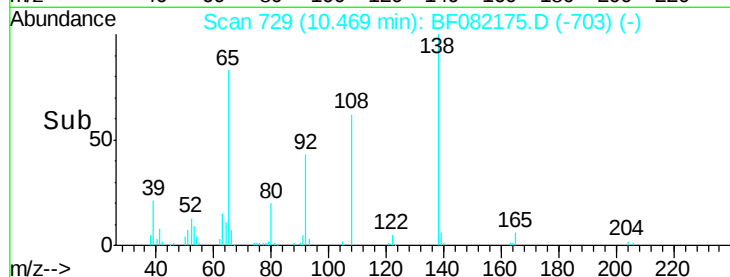
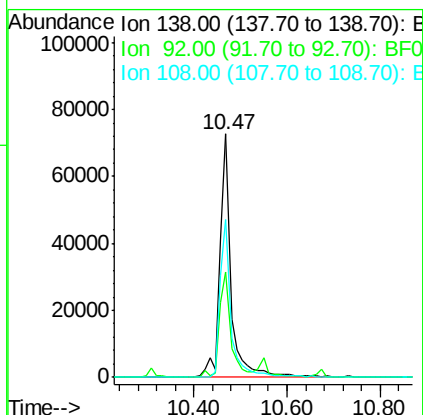
Instrument :
BNA_F
ClientSampleId :
PB86035BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	26.8	66.8
108	64.8	48.4	88.4

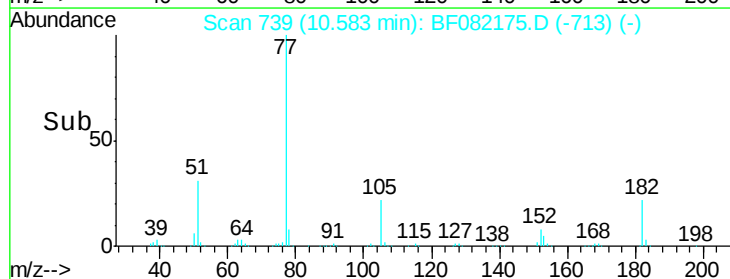
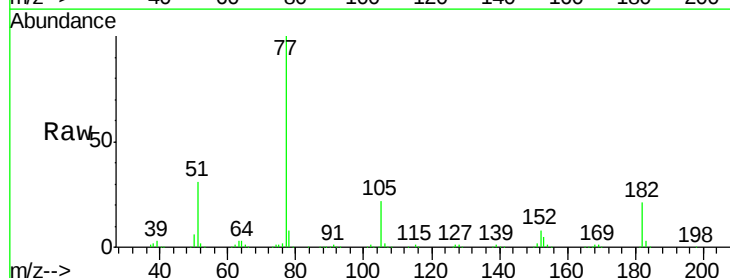
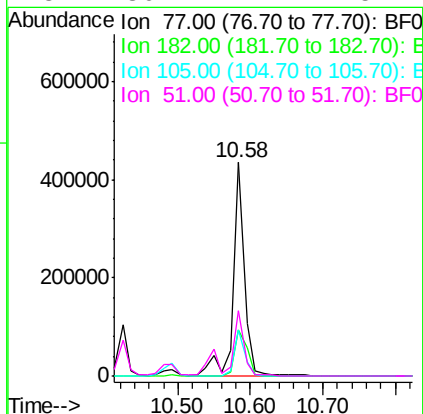
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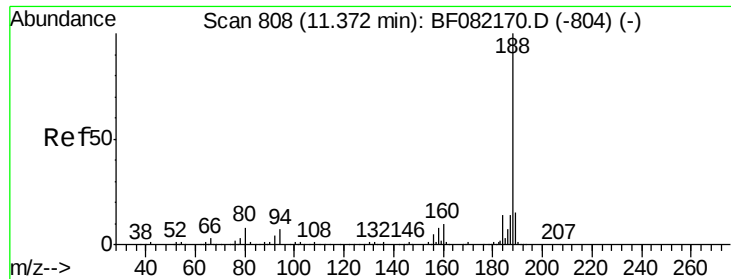
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#62
Azobenzene
Concen: 40.15 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.5	40.5
105	21.9	1.8	41.8
51	30.7	11.2	51.2





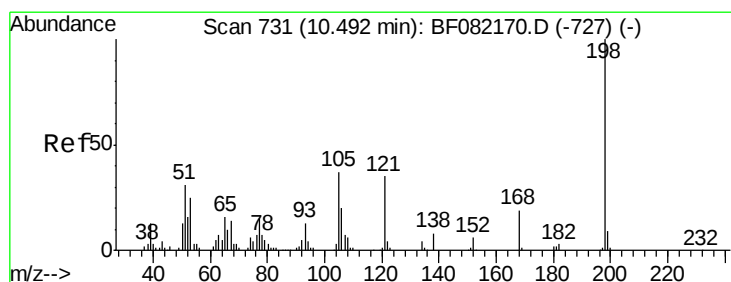
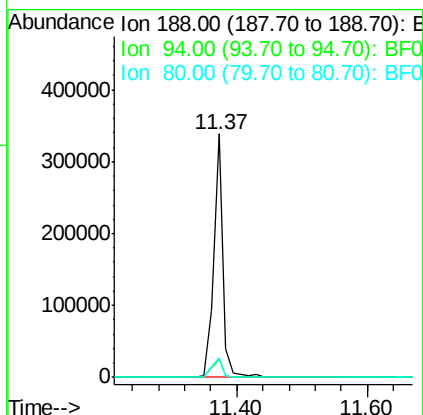
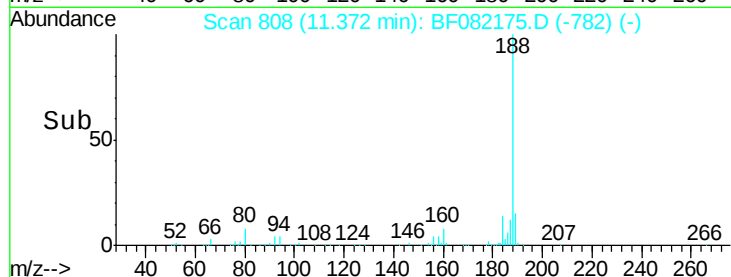
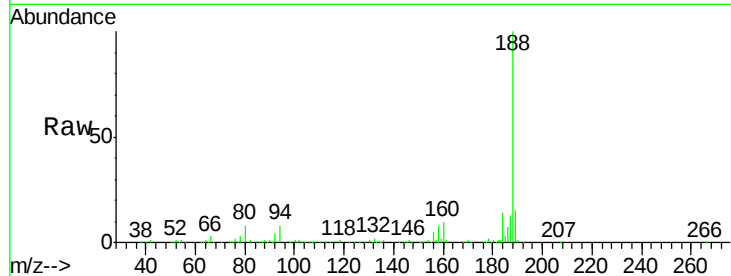
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	5.8	8.6
80	7.9	6.4	9.6

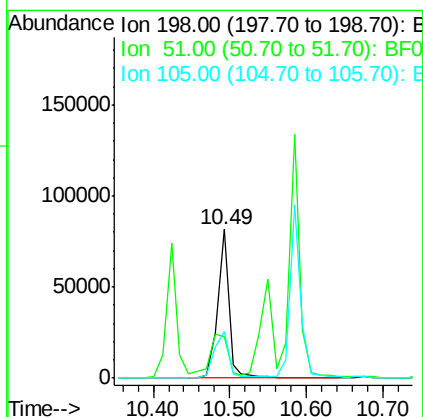
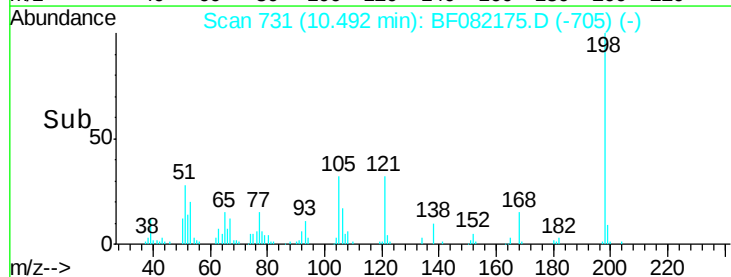
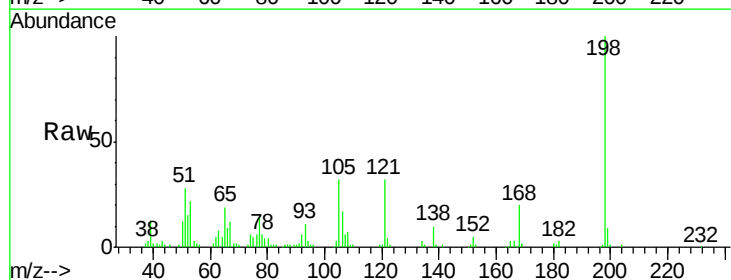
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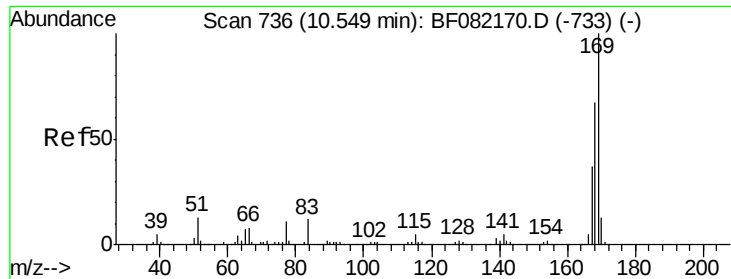
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.06 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.9	13.6	53.6
105	31.7	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

Tgt Ion:169 Resp: 422344

Ion Ratio Lower Upper

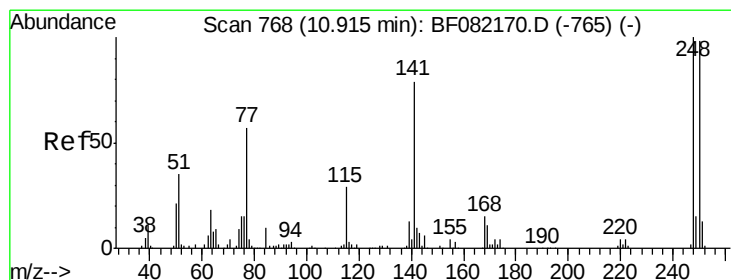
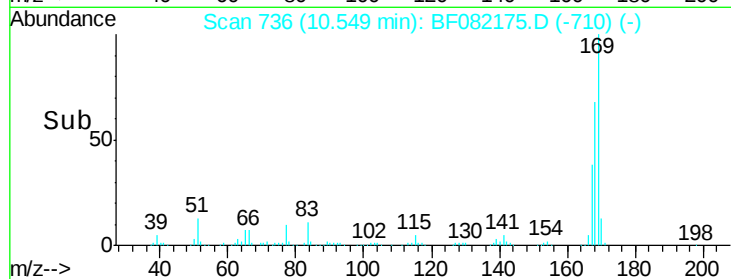
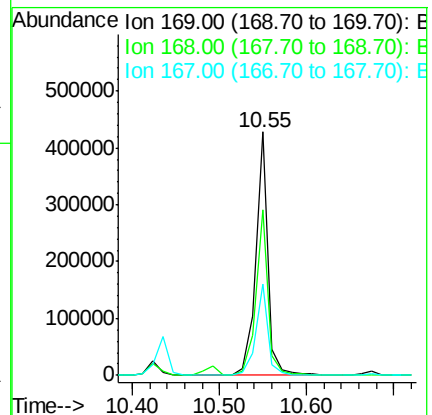
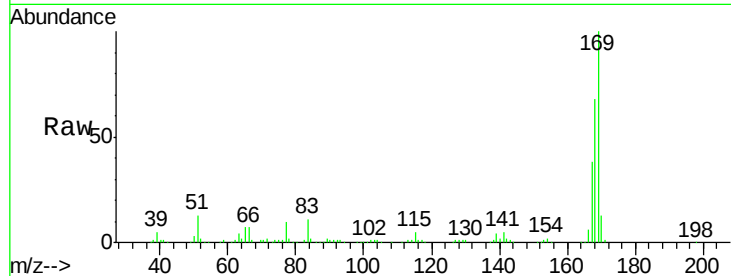
169 100

168 68.1 54.0 81.0

167 37.7 29.6 44.4

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#66

4-Bromophenyl-phenylether

Concen: 40.92 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

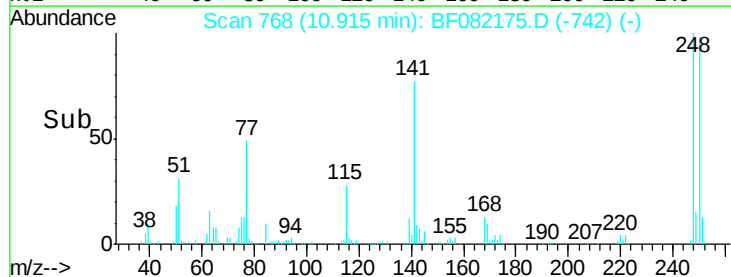
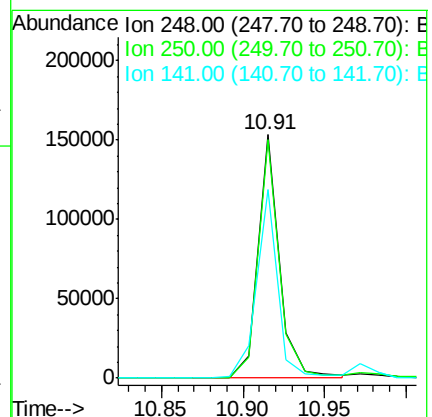
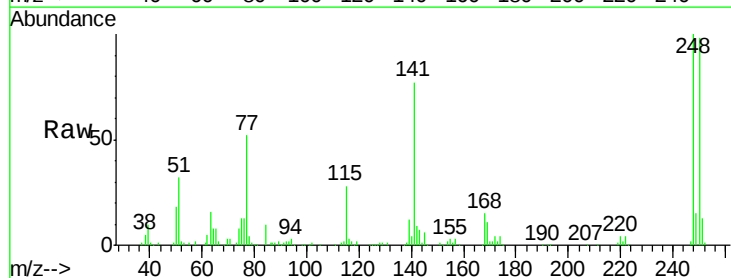
Tgt Ion:248 Resp: 140118

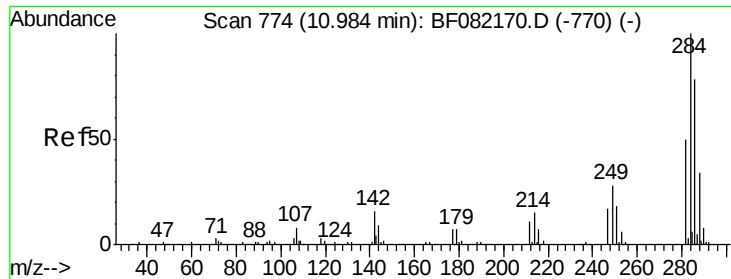
Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

141 77.5 63.3 94.9





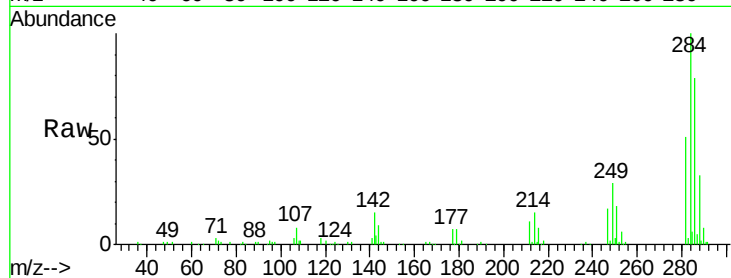
#67
Hexachlorobenzene
Concen: 41.29 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

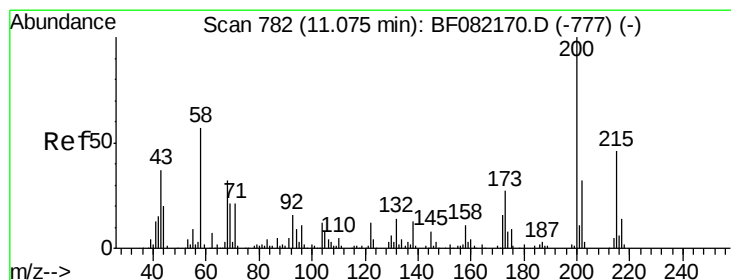
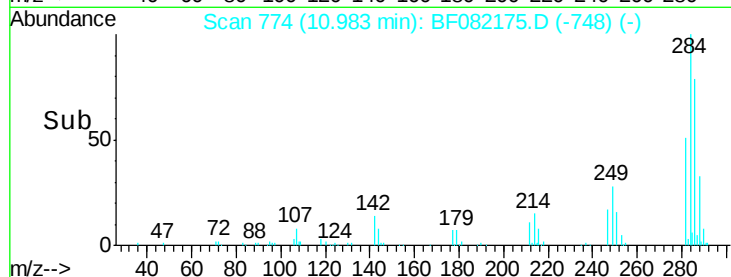
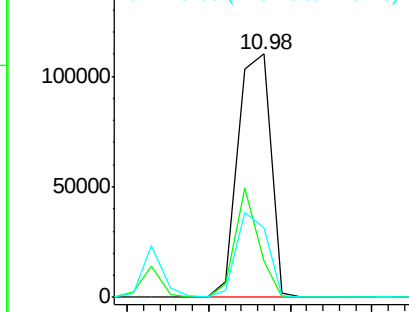
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	15.1	13.0	19.6
249	28.7	22.5	33.7

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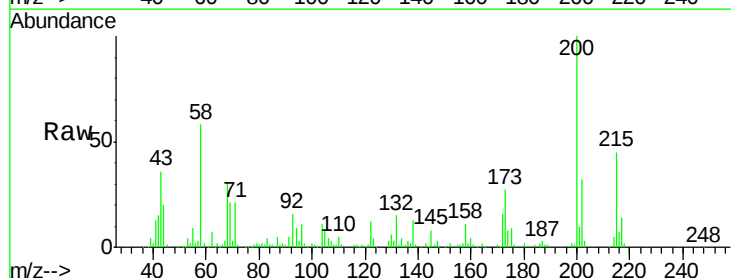


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

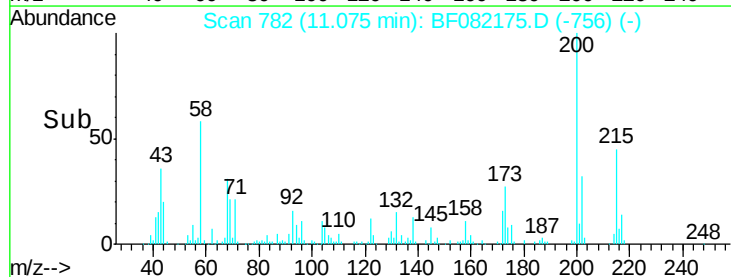
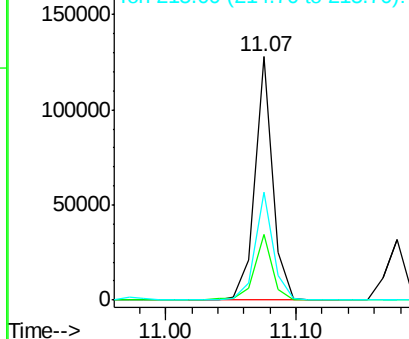


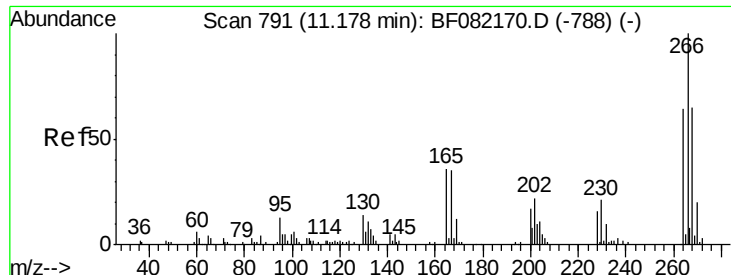
#68
Atrazine
Concen: 37.73 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	7.3	47.3
215	44.5	26.2	66.2



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





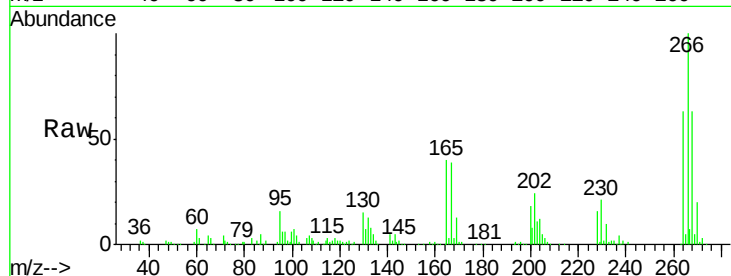
#69
 Pentachlorophenol
 Concen: 93.49 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

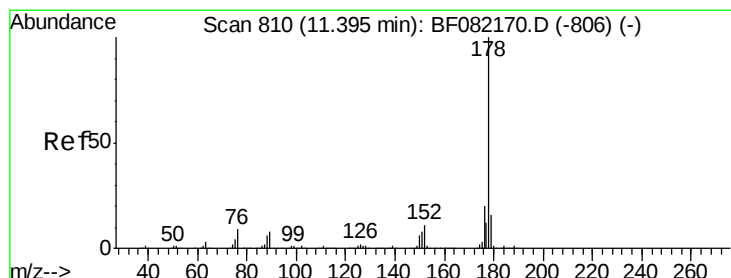
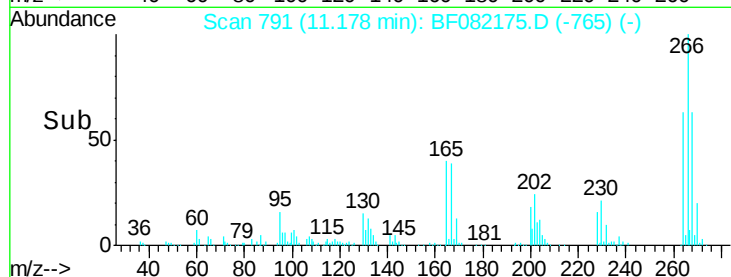
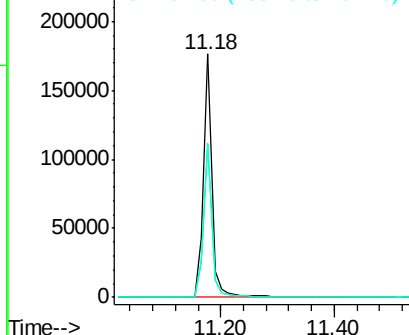
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	178162		
268	63.1	52.0	78.0	
264	62.9	51.4	77.0	

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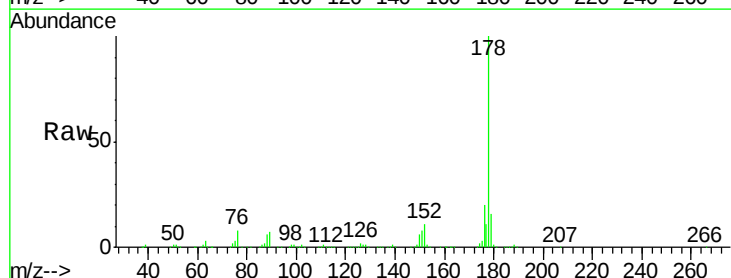


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

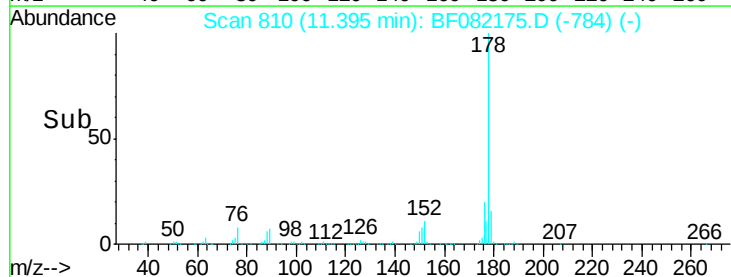
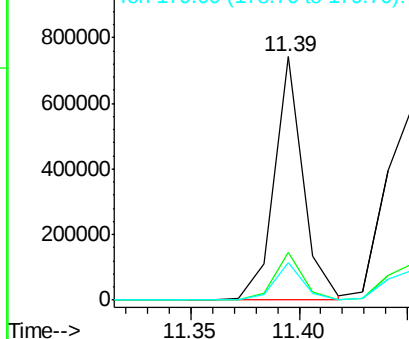


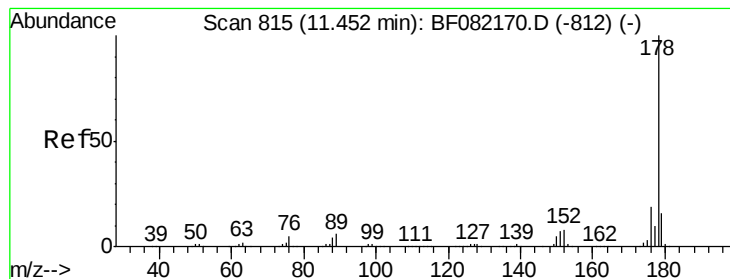
#70
 Phenanthrene
 Concen: 41.16 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	690315		
176	19.8	16.0	24.0	
179	15.7	12.6	19.0	



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





#71

Anthracene

Concen: 43.98 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082175.D

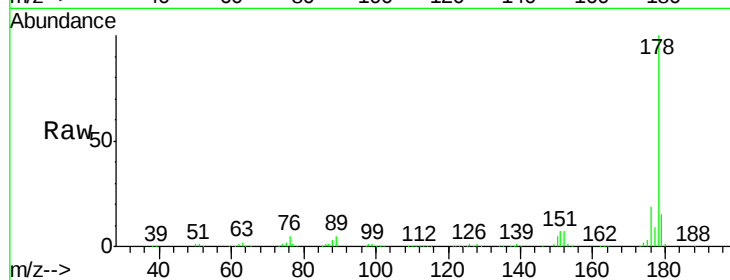
Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

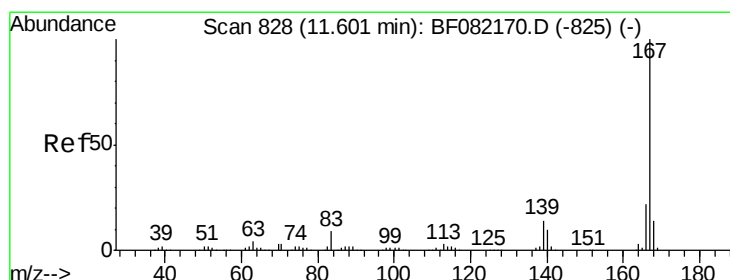
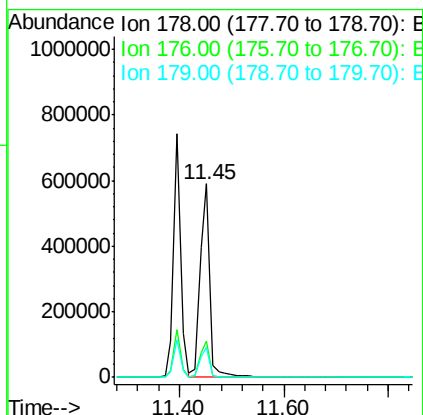
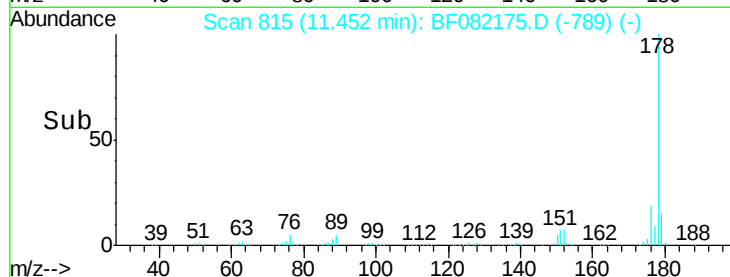
PB86035BS



Tgt Ion:	178	Resp:	760080
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.0
179	15.2	12.5	18.7

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#72

Carbazole

Concen: 39.74 ng

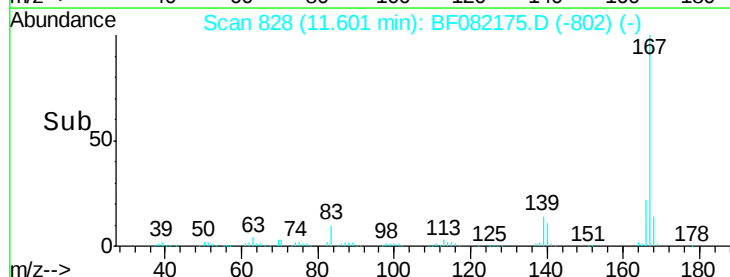
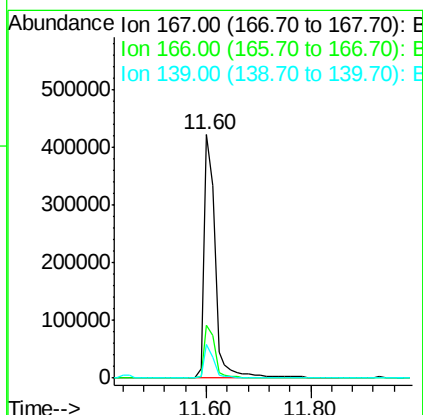
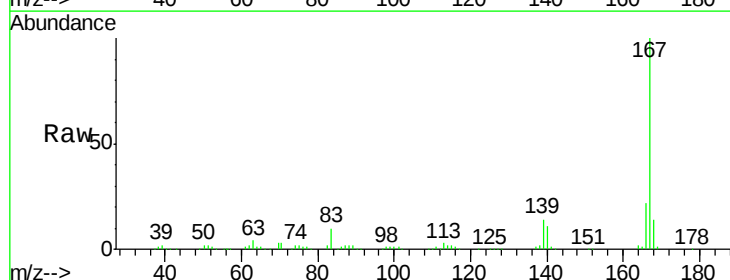
RT: 11.60 min Scan# 828

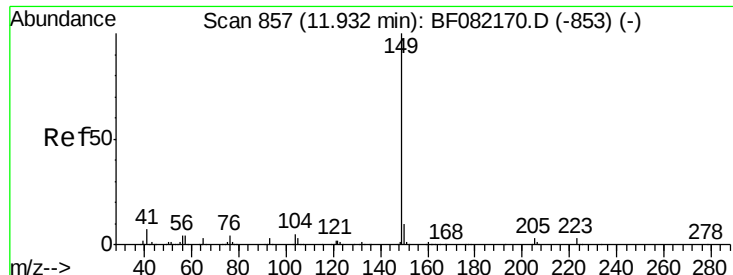
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	167	Resp:	626551
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	14.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.35 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

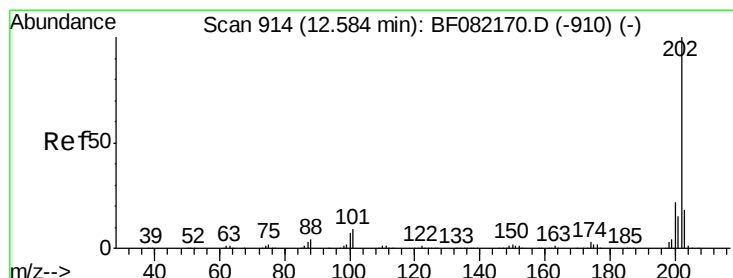
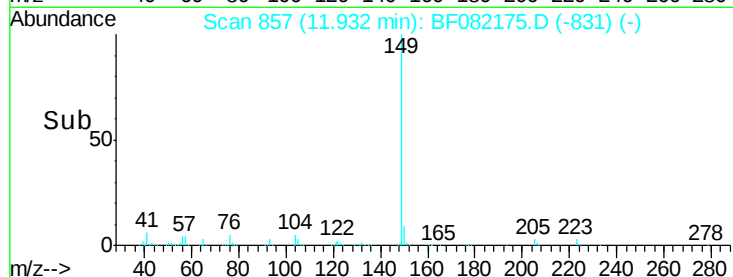
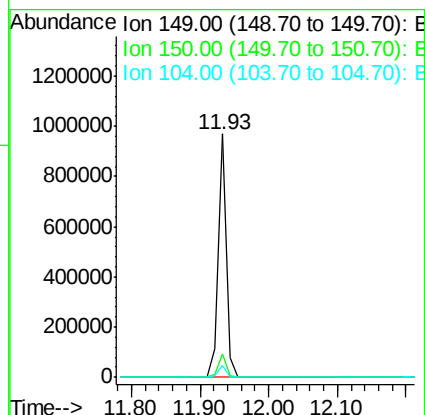
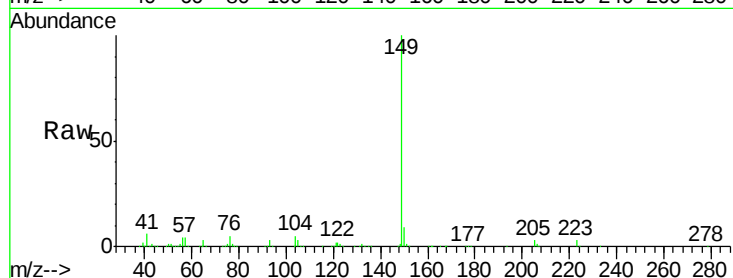
ClientSampleId :

PB86035BS

Tgt Ion:	149	Resp:	804160
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 42.95 ng

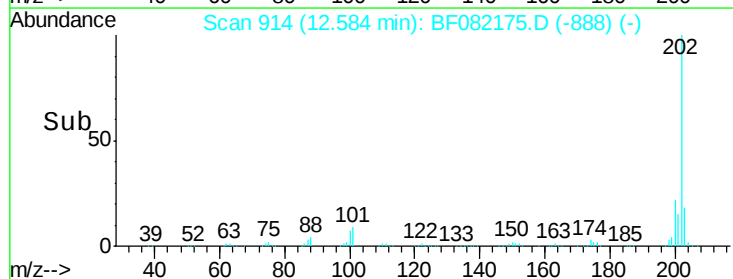
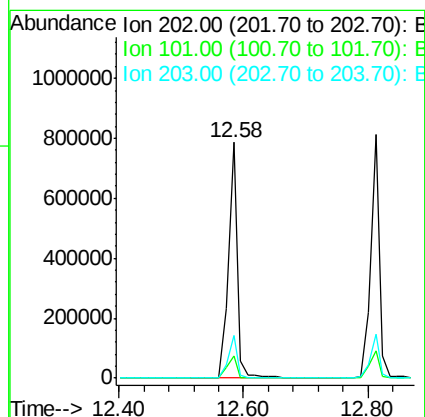
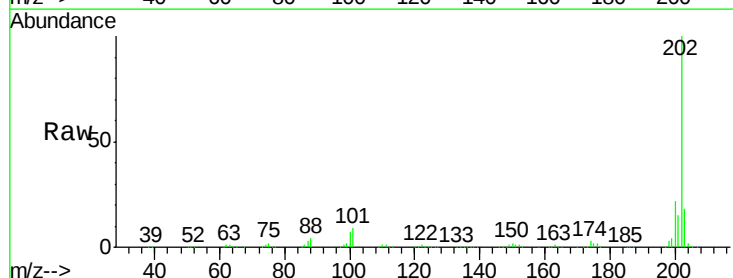
RT: 12.58 min Scan# 914

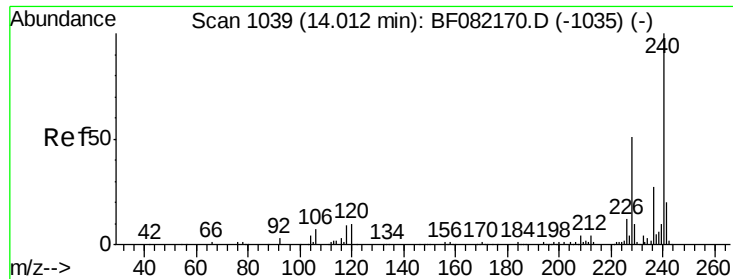
Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:	202	Resp:	773631
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.3
203	18.1	0.0	37.8





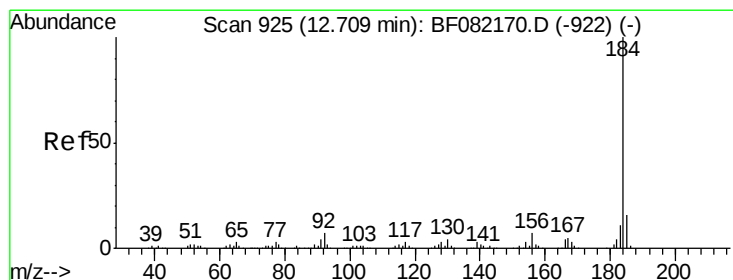
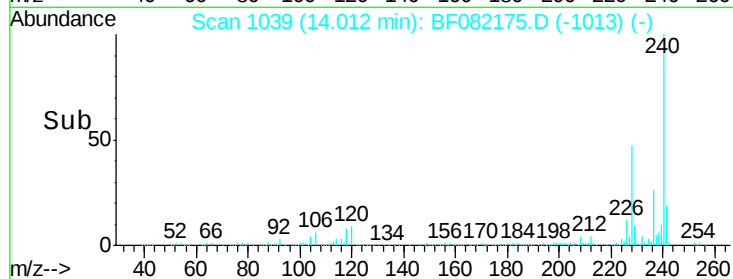
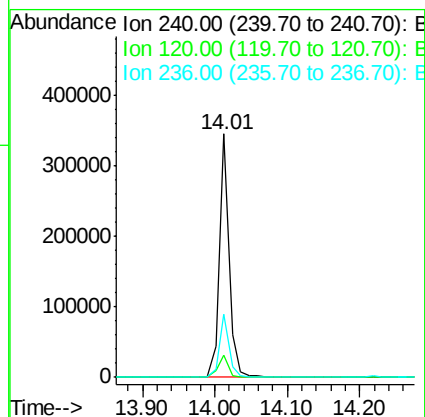
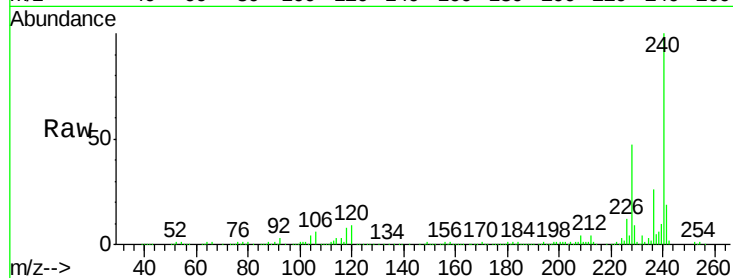
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	322863		
120	9.3	8.1	12.1	
236	26.0	21.3	31.9	

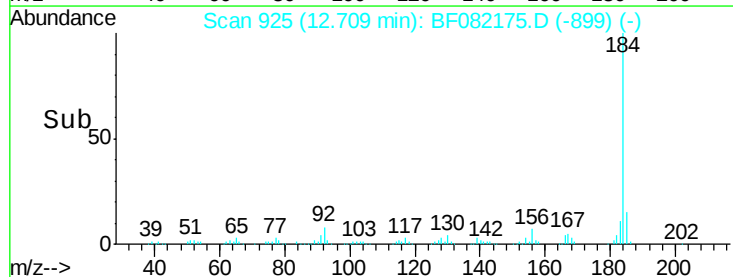
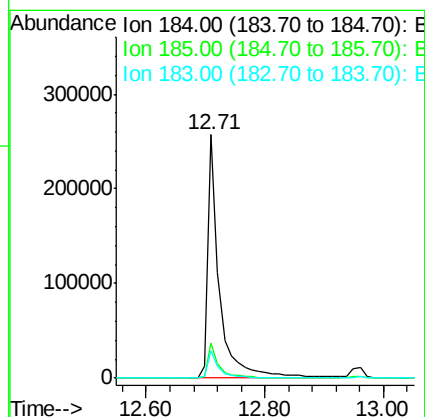
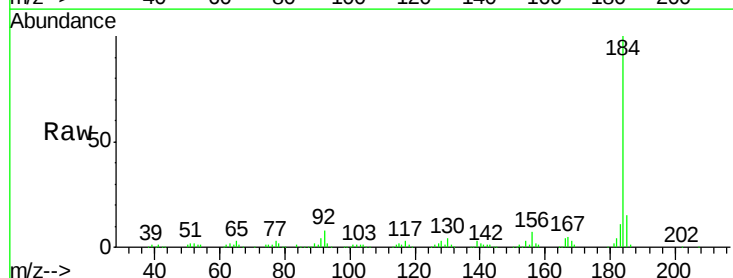
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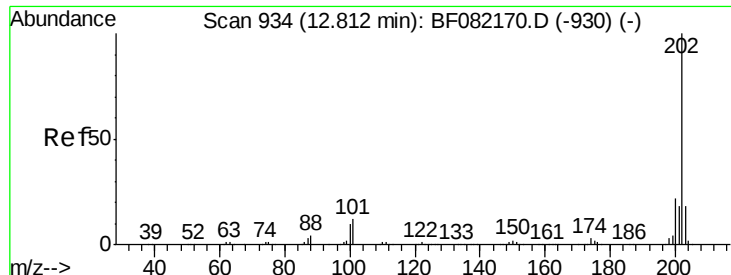
MMDadoda
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#76
Benzidine
Concen: 38.30 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	358320		
185	14.5	12.5	18.7	
183	11.4	9.1	13.7	





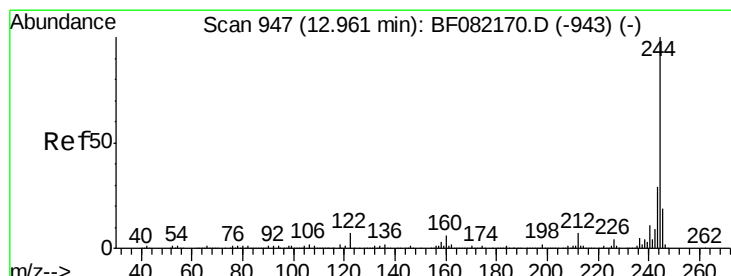
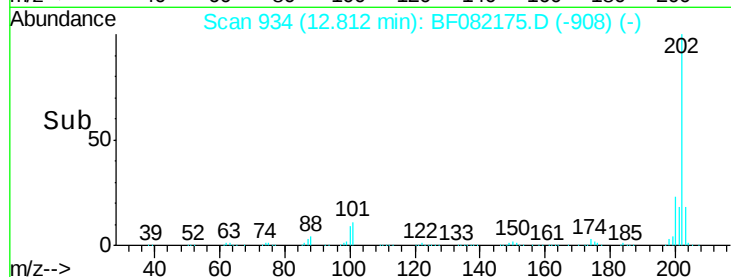
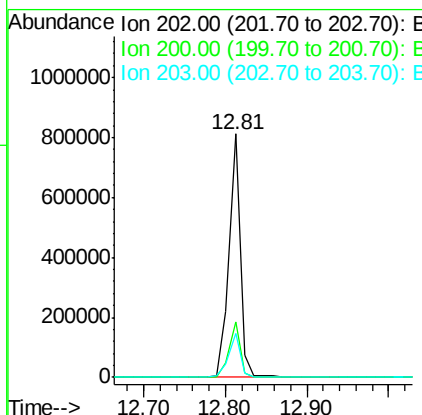
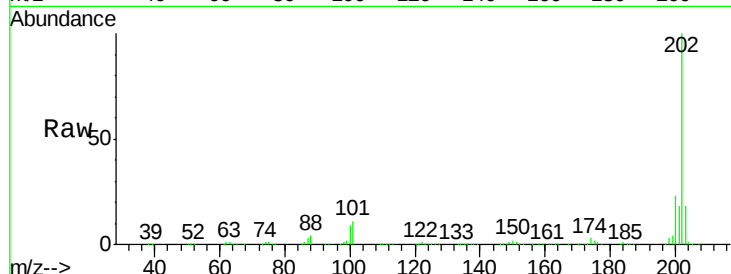
#77
 Pyrene
 Concen: 40.51 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.9	26.9
203	17.8	14.5	21.7

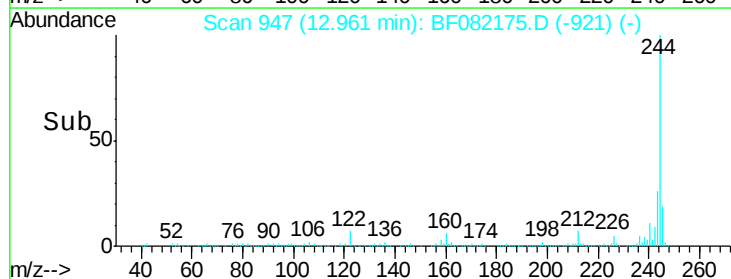
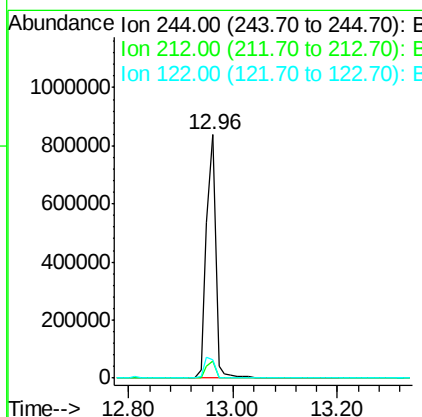
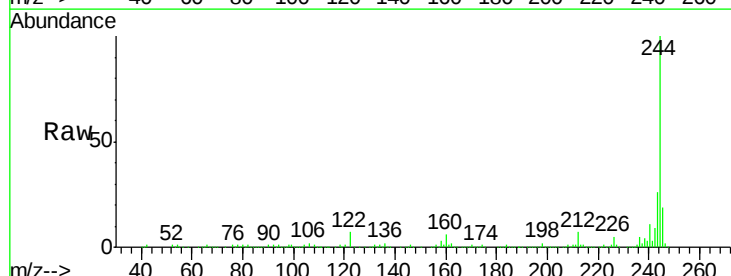
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#78
 Terphenyl-d14
 Concen: 84.57 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

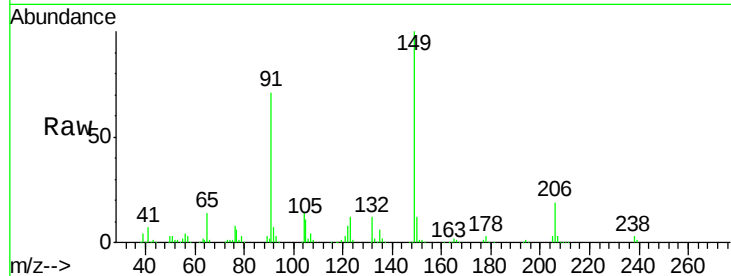
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	7.4	5.9	8.9





#79
Butylbenzylphthalate
Concen: 38.09 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

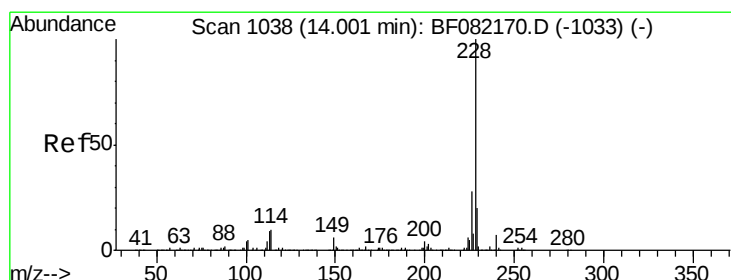
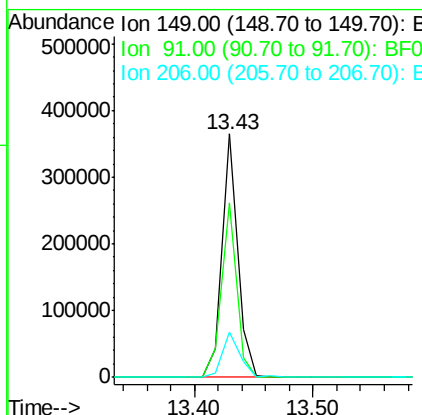
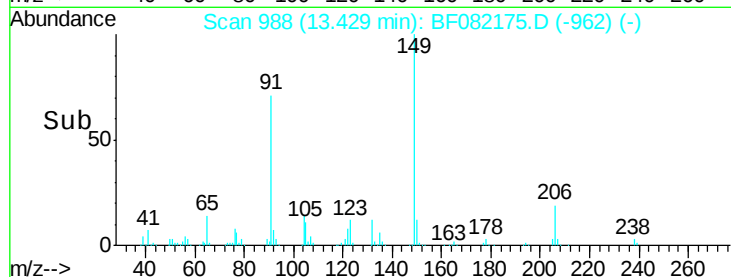
Instrument :
BNA_F
ClientSampleId :
PB86035BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.5	55.7	83.5
206	18.8	15.6	23.4

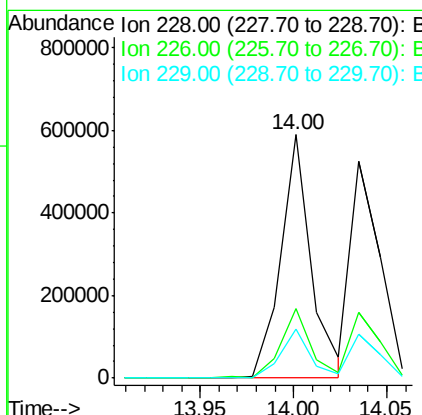
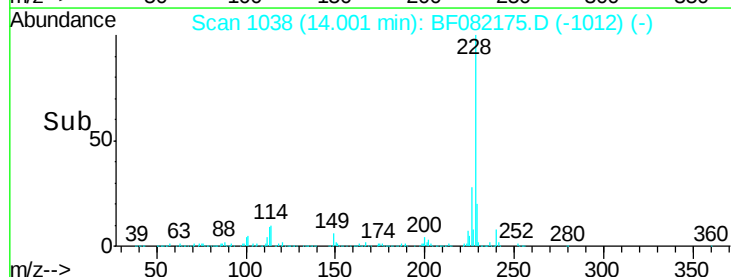
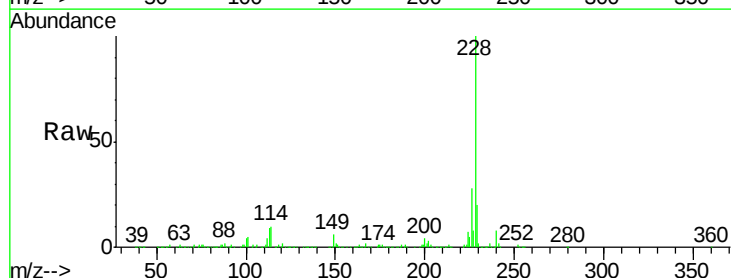
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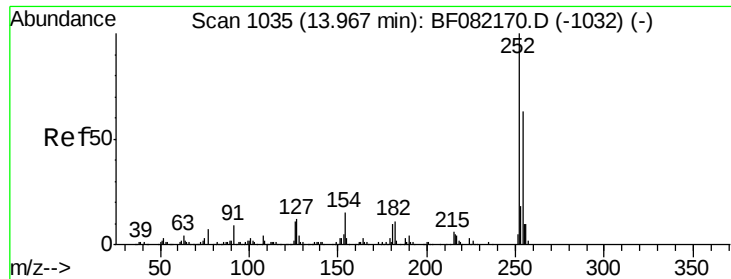
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#80
Benzo(a)anthracene
Concen: 39.92 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.3	33.5
229	20.2	16.2	24.2





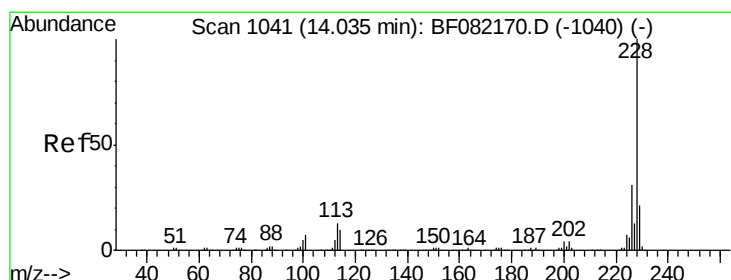
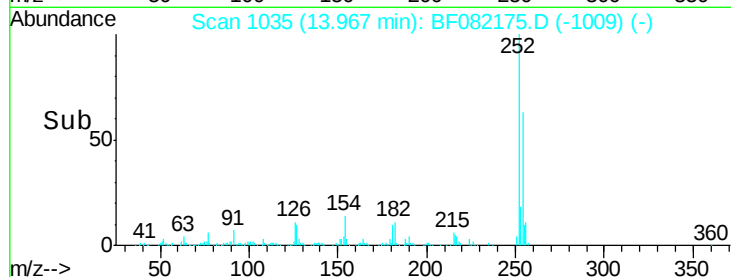
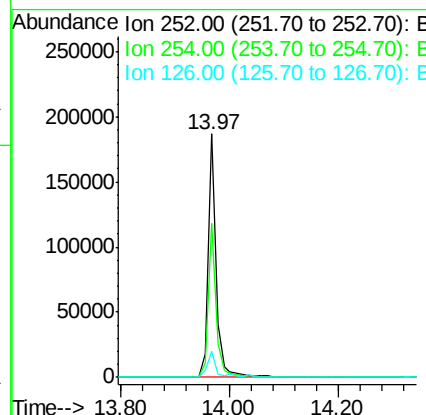
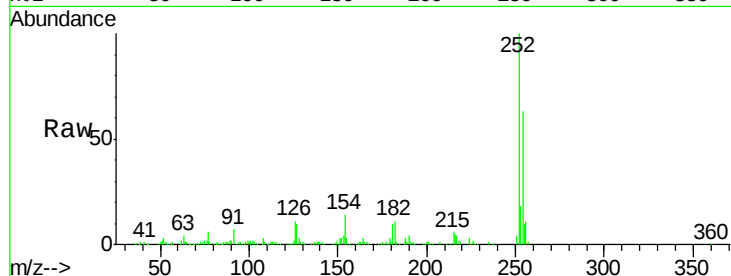
#81
 3,3'-Dichlorobenzidine
 Concen: 29.42 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	187576		
254	63.2	50.7	76.1	
126	10.5	9.0	13.6	

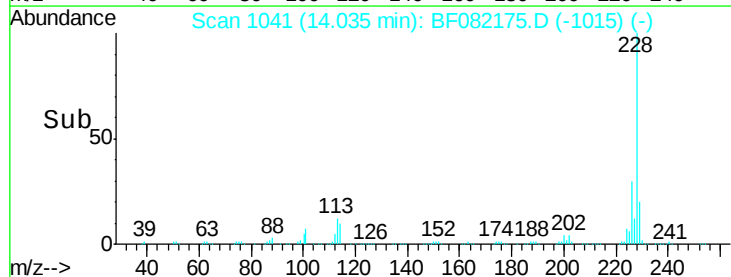
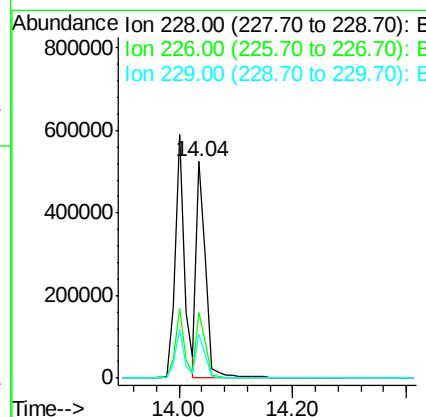
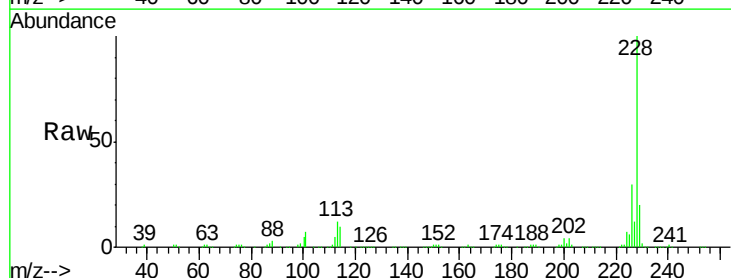
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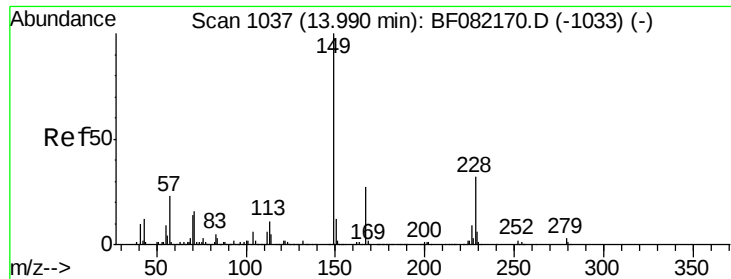
MMDadoda
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#82
 Chrysene
 Concen: 34.44 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	609563		
226	30.3	24.4	36.6	
229	20.3	16.3	24.5	





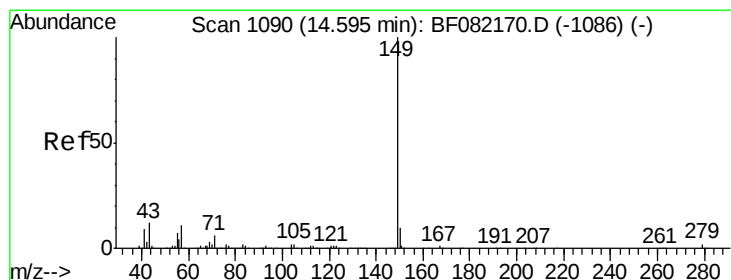
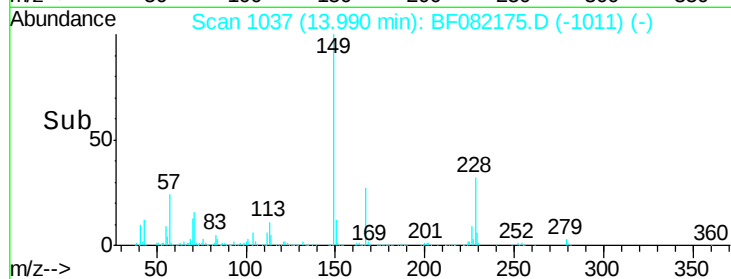
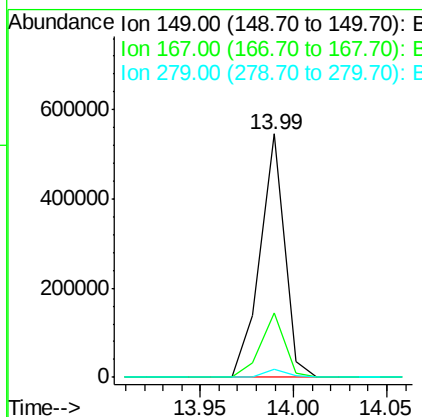
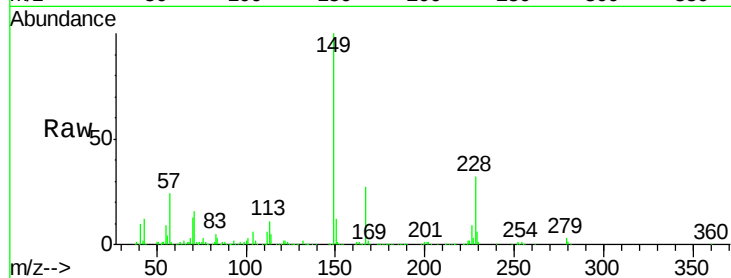
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.78 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	496262		
167	26.7	21.3	31.9	
279	3.3	2.6	4.0	

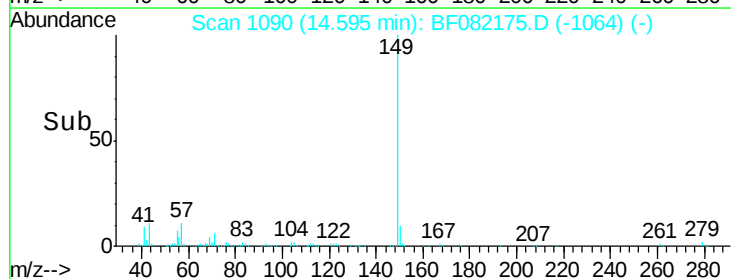
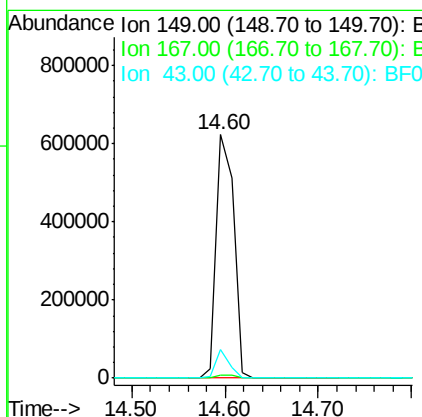
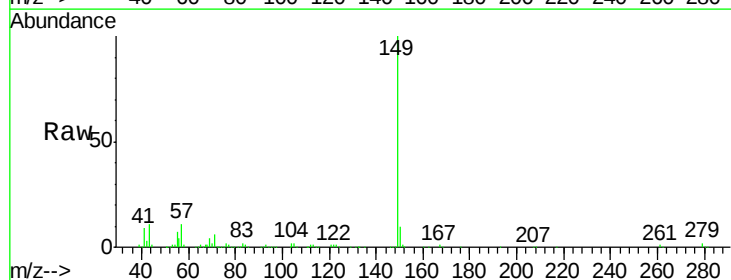
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#84
 Di-n-octyl phthalate
 Concen: 37.77 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	809233		
167	1.5	1.3	1.9	
43	9.1	7.4	11.2	





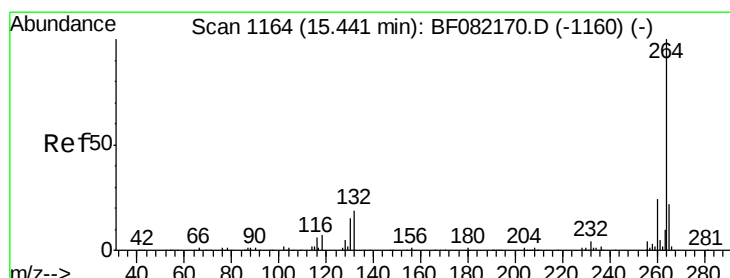
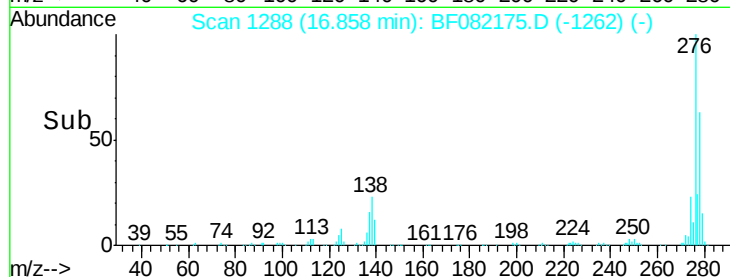
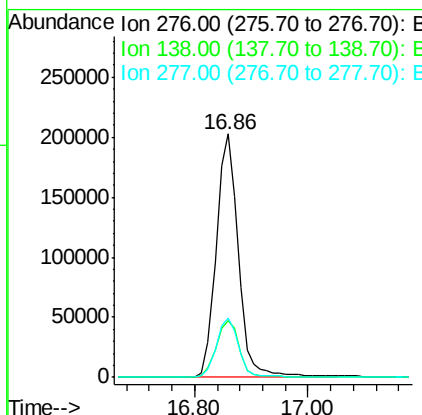
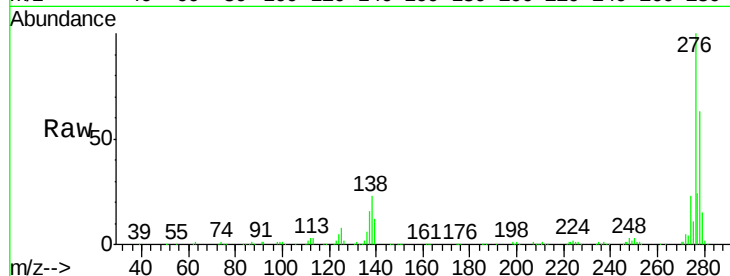
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.00 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	25.1	20.1	30.1

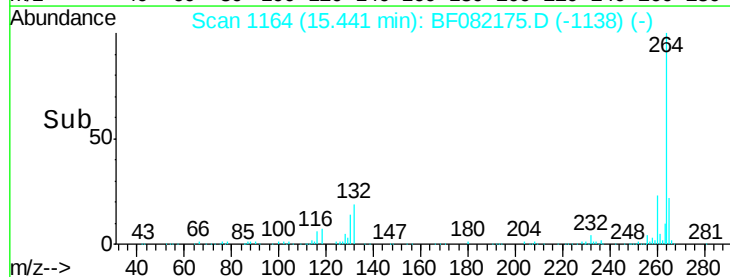
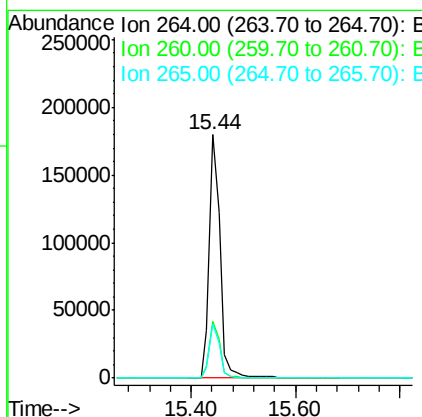
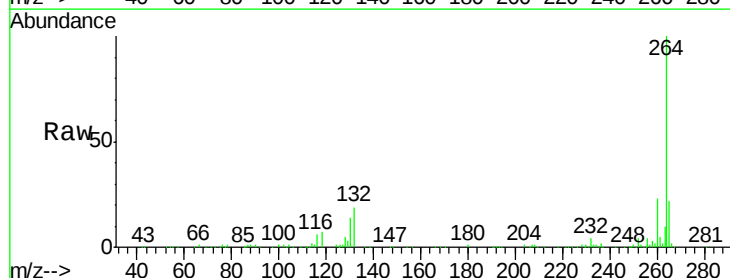
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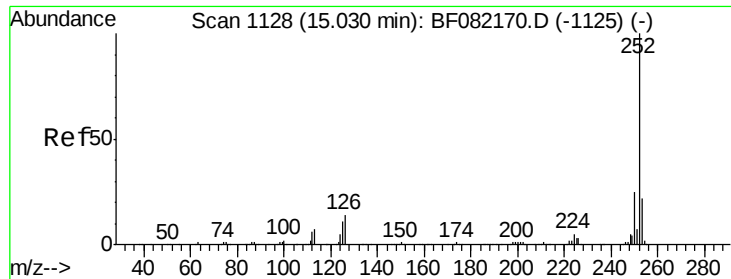
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.34 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

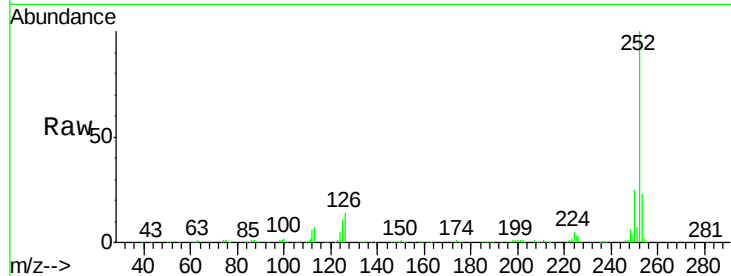
ClientSampleId :

PB86035BS

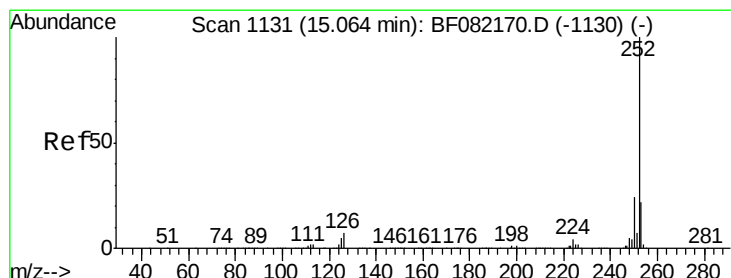
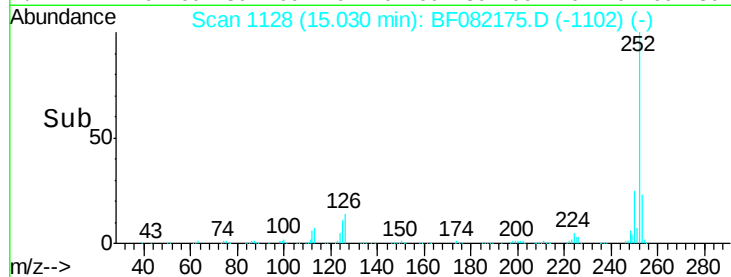
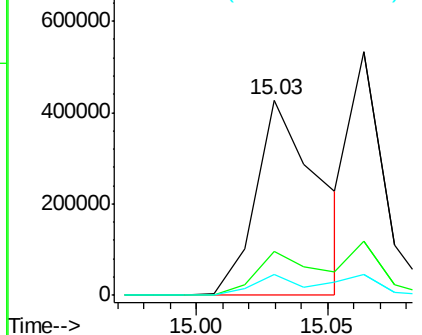
Tgt Ion:	252	Resp:	717790
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	10.6	8.6	12.8

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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: 36.20 ng m

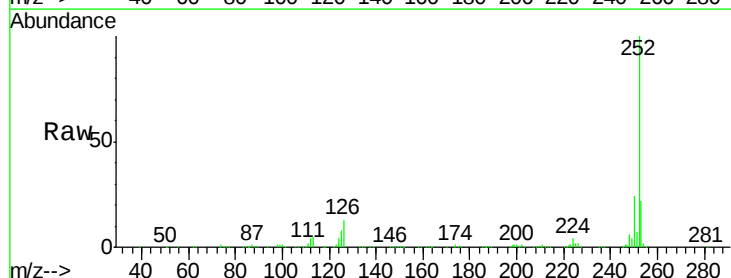
RT: 15.06 min Scan# 1131

Delta R.T. 0.00 min

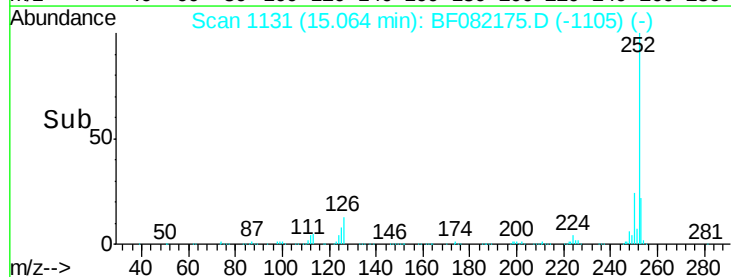
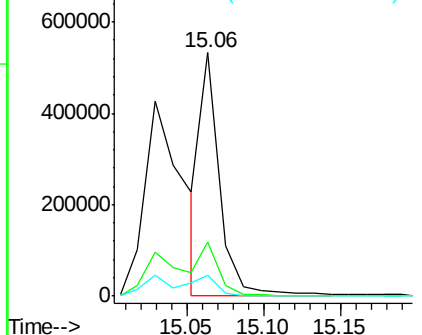
Lab File: BF082175.D

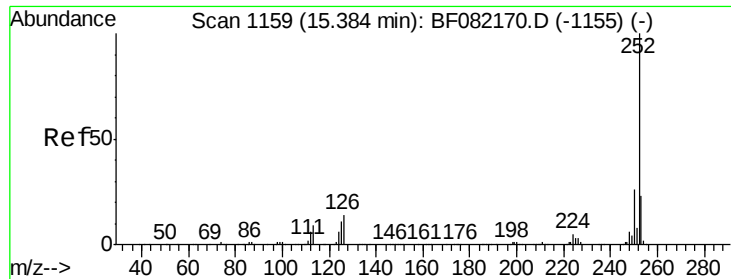
Acq: 10 Oct 2015 14:34

Tgt Ion:	252	Resp:	481758
Ion Ratio	Lower	Upper	
252	100		
253	22.0	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





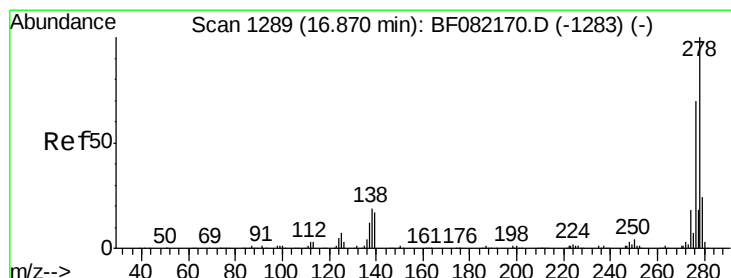
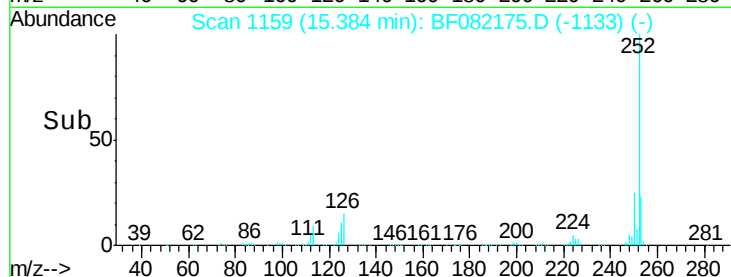
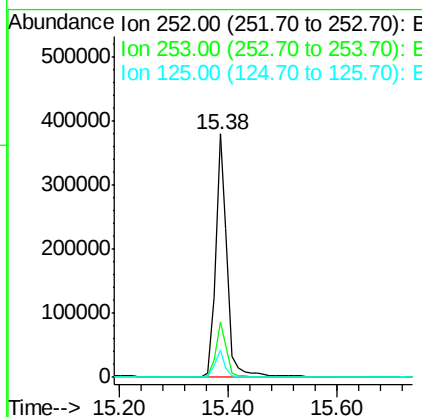
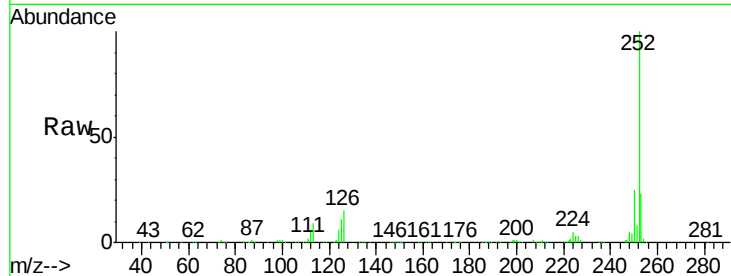
#89
Benzo(a)pyrene
Concen: 41.59 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.2	8.9	13.3

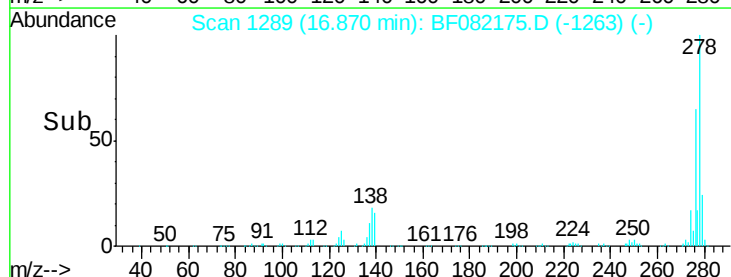
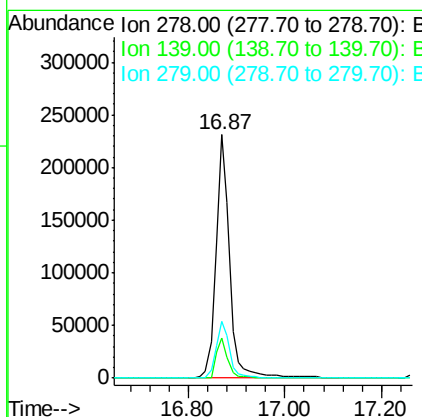
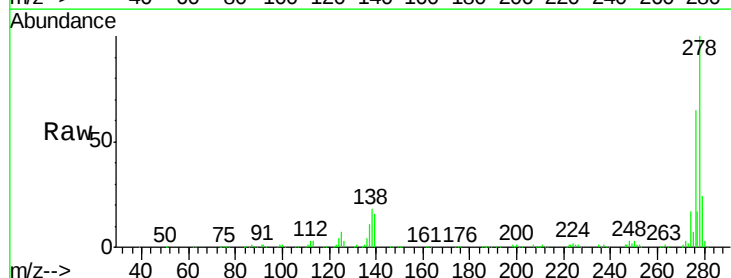
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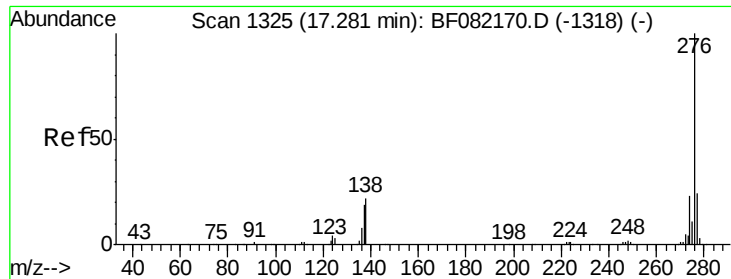
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#90
Dibenzo(a,h)anthracene
Concen: 41.50 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	23.6	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 41.18 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	446014		
277	24.3		18.8	28.2
138	21.2		17.4	26.2

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