

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082185.D
 Acq On : 10 Oct 2015 19:39
 Operator : UM/IZ
 Sample : G3979-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:35:31 PM

Quant Time: Oct 12 02:49:23 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	6.85	152	95624m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	388090	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	201718	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	380359	20.00	ng	0.00
75) Chrysene-d12	14.01	240	331545	20.00	ng	0.00
86) Perylene-d12	15.44	264	258527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	619455	130.74	ng	0.02
7) Phenol-d6	6.48	99	821012	133.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	586737	101.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	270665	143.08	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1222860	100.53	ng	0.00
78) Terphenyl-d14	12.96	244	1221446	97.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	85569	35.94	ng	# 85
3) Pyridine	3.30	79	130203	23.52	ng	96
4) n-Nitrosodimethylamine	3.23	42	104816	44.64	ng	98
6) Aniline	6.51	93	101686m	12.79	ng	
8) 2-Chlorophenol	6.63	128	270585	46.78	ng	92
9) Benzaldehyde	6.39	77	81119	25.76	ng	100
10) Phenol	6.49	94	260651	36.67	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	282841	47.05	ng	95
12) 1,3-Dichlorobenzene	6.78	146	285016m	42.31	ng	
13) 1,4-Dichlorobenzene	6.86	146	301842	42.91	ng	99
14) 1,2-Dichlorobenzene	7.01	146	263317	39.42	ng	99
15) Benzyl Alcohol	6.99	79	208343	48.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376381	44.96	ng	94
17) 2-Methylphenol	7.11	107	216271	47.28	ng	97
18) Hexachloroethane	7.35	117	101948	42.34	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	193444	44.68	ng	98
20) 3+4-Methylphenols	7.26	107	253854	46.58	ng	96
22) Acetophenone	7.26	105	364468	47.48	ng	98
24) Nitrobenzene	7.43	77	261765	41.85	ng	98
25) Isophorone	7.67	82	534953	45.86	ng	99
26) 2-Nitrophenol	7.75	139	158631	50.79	ng	99
27) 2,4-Dimethylphenol	7.78	122	238970	47.49	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	341179	50.27	ng	100
29) 2,4-Dichlorophenol	7.99	162	260901	51.86	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	260269	44.89	ng	98
31) Naphthalene	8.15	128	776510	46.16	ng	99
32) Benzoic acid	7.93	122	164155	48.60	ng	95
33) 4-Chloroaniline	8.22	127	39615	5.67	ng	97
34) Hexachlorobutadiene	8.26	225	163864	45.35	ng	97
35) Caprolactam	8.58	113	61916m	42.41	ng	
36) 4-Chloro-3-methylphenol	8.70	107	257834	52.41	ng	87
37) 2-Methylnaphthalene	8.85	142	567424	48.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	264376	44.06	ng	98
40) Hexachlorocyclopentadiene	8.99	237	285680	92.63	ng	98

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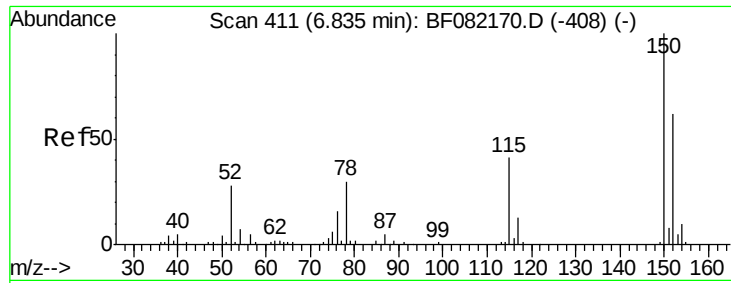
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176468	44.28	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	196515	45.52	ng #	91
45) 1,1'-Biphenyl	9.30	154	673376	43.78	ng	99
46) 2-Chloronaphthalene	9.34	162	561811	46.40	ng	100
47) 2-Nitroaniline	9.44	65	163329	49.13	ng #	66
48) Acenaphthylene	9.75	152	850082	45.07	ng	99
49) Dimethylphthalate	9.61	163	657847	46.31	ng	100
50) 2,6-Dinitrotoluene	9.68	165	151363	50.50	ng	94
51) Acenaphthene	9.92	154	512744	45.28	ng	100
52) 3-Nitroaniline	9.85	138	41690	12.31	ng	99
53) 2,4-Dinitrophenol	9.95	184	165885	97.52	ng #	82
54) Dibenzofuran	10.09	168	728889	46.88	ng	99
55) 4-Nitrophenol	10.02	139	190637	81.05	ng	98
56) 2,4-Dinitrotoluene	10.08	165	176585	47.14	ng #	86
57) Fluorene	10.43	166	585082	45.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167431	47.47	ng	98
59) Diethylphthalate	10.31	149	617118	46.61	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	267970	45.81	ng	99
61) 4-Nitroaniline	10.47	138	126255	38.45	ng	99
62) Azobenzene	10.58	77	596841	46.06	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	108773	50.96	ng	83
65) n-Nitrosodiphenylamine	10.55	169	459993	40.39	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	174311	45.79	ng	96
67) Hexachlorobenzene	10.98	284	199278	48.41	ng	95
68) Atrazine	11.07	200	109948	30.47	ng	98
69) Pentachlorophenol	11.18	266	221635	104.62	ng	99
70) Phenanthrene	11.39	178	843254	45.23	ng	100
71) Anthracene	11.45	178	988761	51.47	ng	99
72) Carbazole	11.60	167	724462	41.34	ng	100
73) Di-n-butylphthalate	11.93	149	1006890	46.57	ng	100
74) Fluoranthene	12.58	202	920714	45.98	ng	98
76) Benzidine	12.72	184	62798	6.54	ng	99
77) Pyrene	12.81	202	908569	46.18	ng	100
79) Butylbenzylphthalate	13.43	149	419930	46.77	ng	97
80) Benzo(a)anthracene	14.00	228	822809	47.70	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	73533	11.23	ng	99
82) Chrysene	14.04	228	787064	43.30	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	631587	49.30	ng	99
84) Di-n-octyl phthalate	14.61	149	1068214	48.55	ng	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	670345	46.40	ng	99
87) Benzo(b)fluoranthene	15.03	252	840045	53.41	ng	99
88) Benzo(k)fluoranthene	15.06	252	607861m	45.98	ng	
89) Benzo(a)pyrene	15.38	252	684933	50.67	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	570265	51.48	ng #	96
91) Benzo(g,h,i)perylene	17.28	276	539415	50.13	ng	99

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



#1

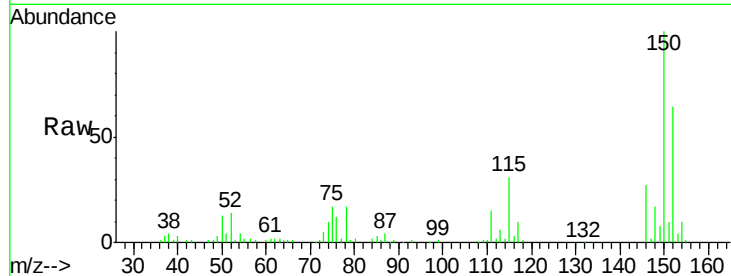
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
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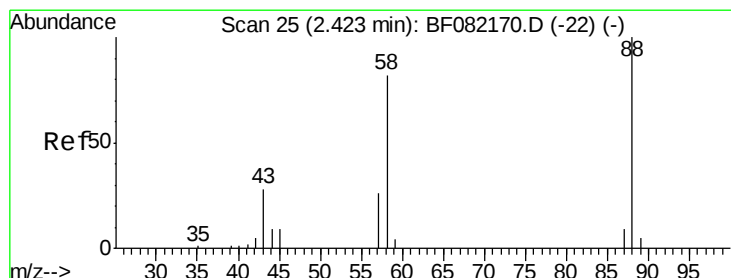
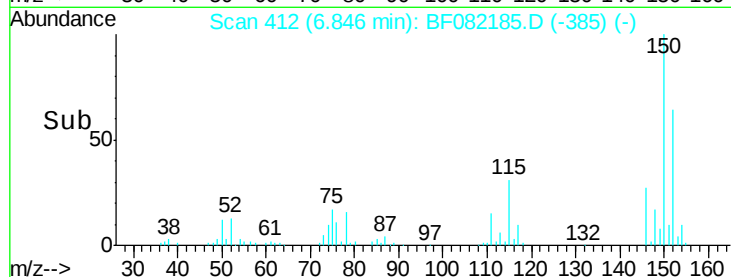
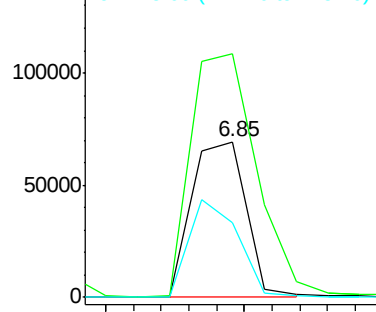
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.0	193.4
115	48.2	52.1	78.1#

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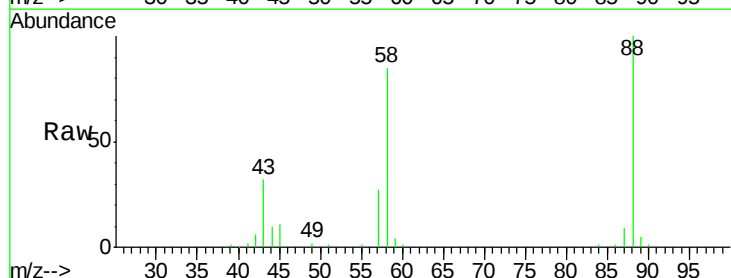
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



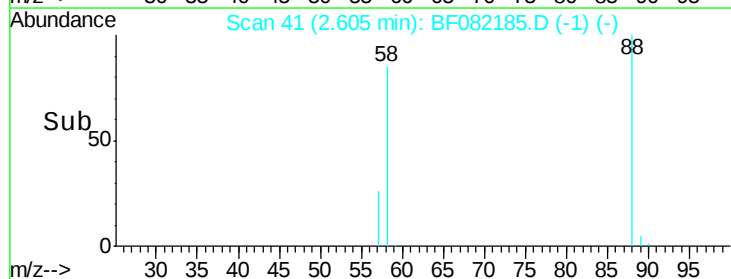
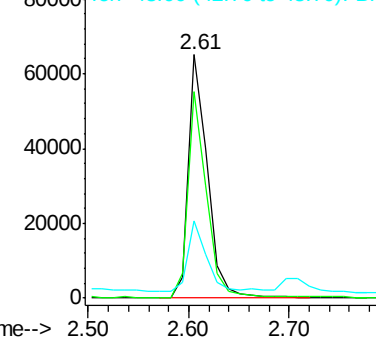
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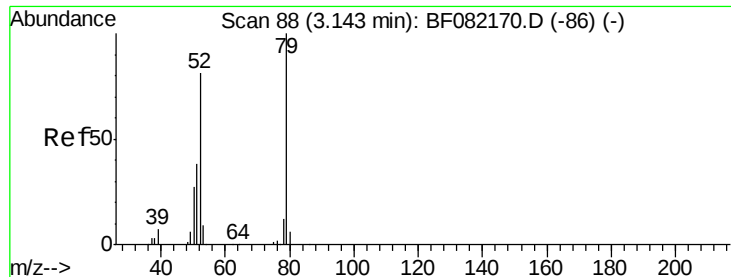
1,4-Dioxane
Concen: 35.94 ng
RT: 2.61 min Scan# 41
Delta R.T. 0.18 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	66.2	99.4
43	0.0	23.0	34.4#



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





#3

Pyridine

Concen: 23.52 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.16 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

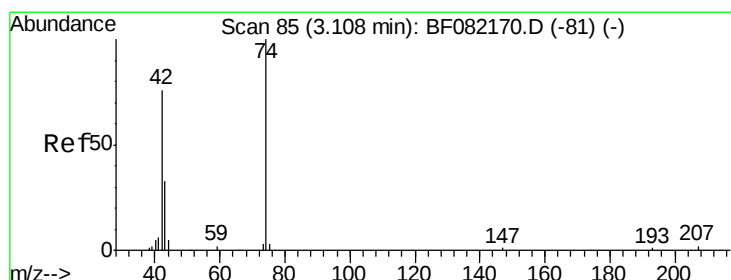
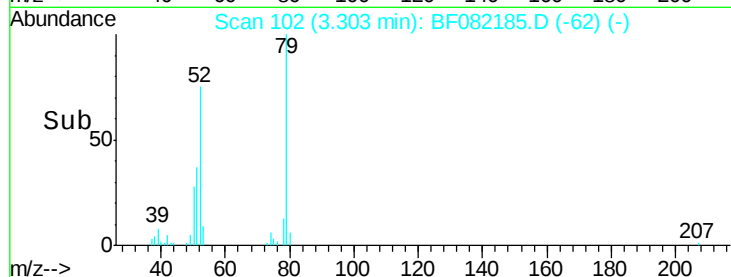
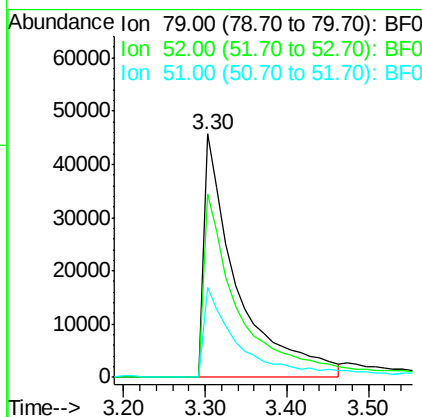
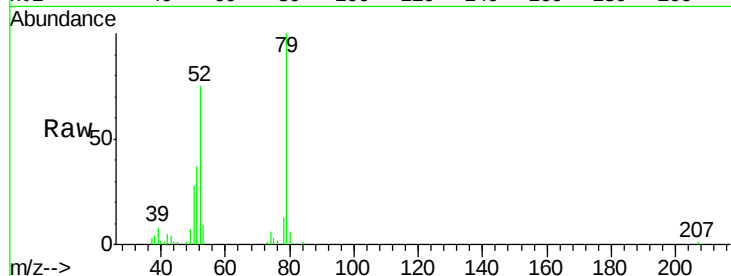
ClientSampleId :

A13COMPMSD

Tgt Ion:	79	Resp:	130203
Ion	Ratio	Lower	Upper
79	100		
52	75.4	64.4	96.6
51	37.0	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 44.64 ng

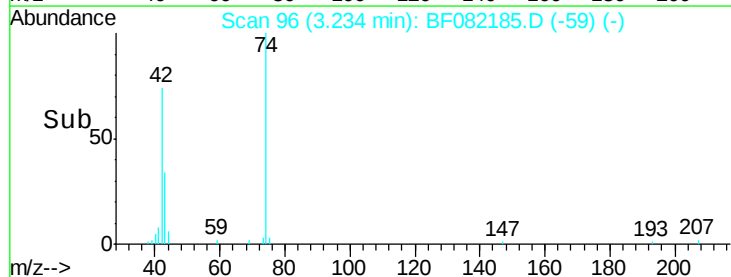
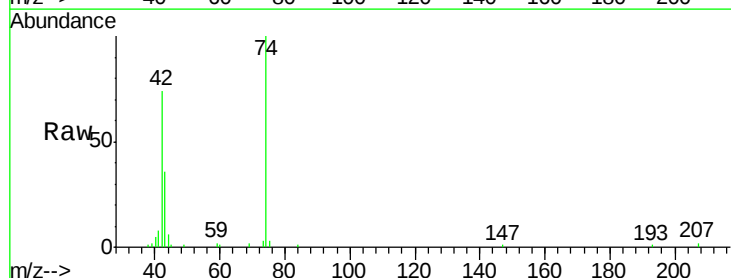
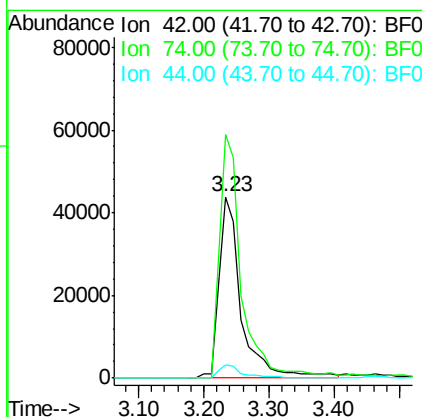
RT: 3.23 min Scan# 96

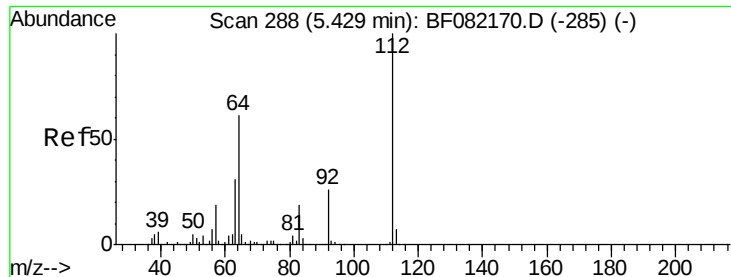
Delta R.T. 0.13 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	42	Resp:	104816
Ion	Ratio	Lower	Upper
42	100		
74	134.6	105.7	158.5
44	7.4	5.4	8.2





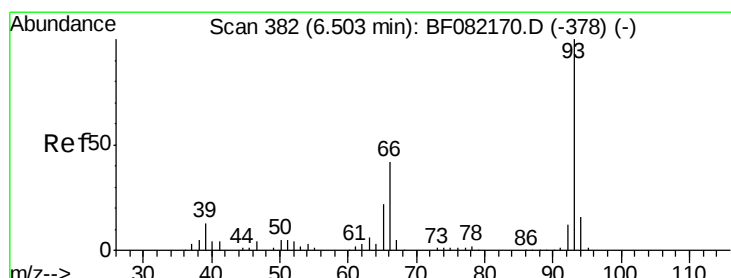
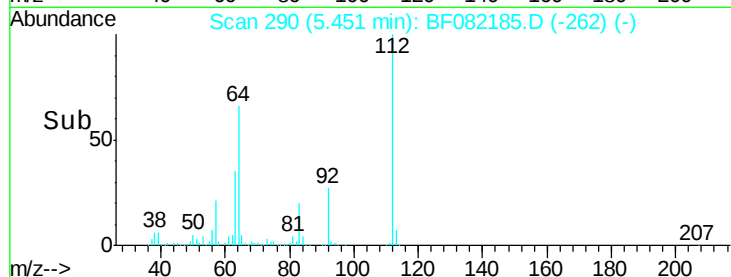
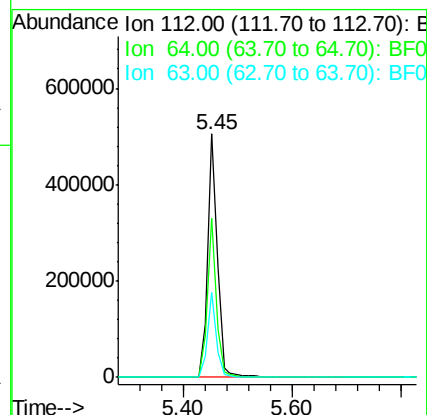
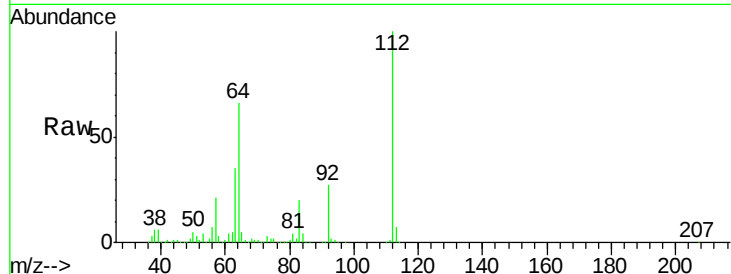
#5
2-Fluorophenol
Concen: 130.74 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	65.5	48.6	73.0
63	34.8	25.1	37.7

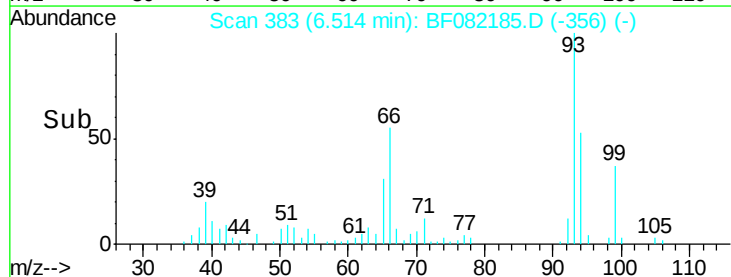
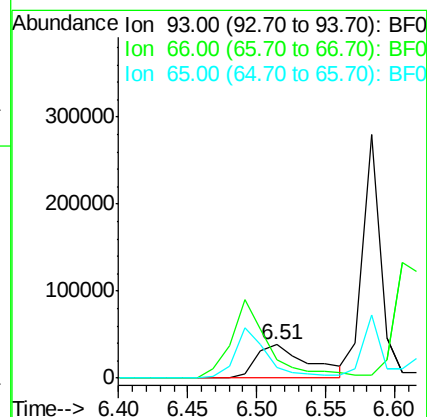
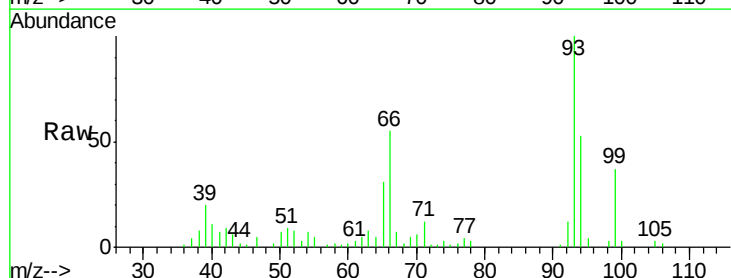
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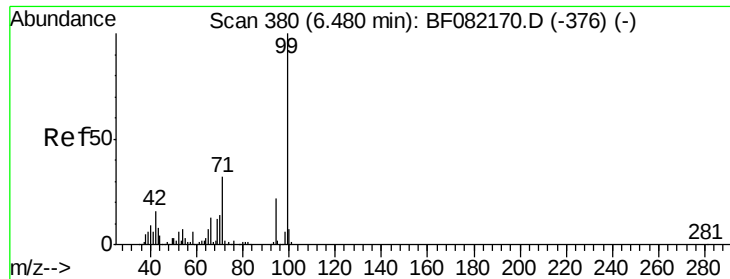
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#6
Aniline
Concen: 12.79 ng m
RT: 6.51 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	55.5	34.2	51.2#
65	31.3	17.9	26.9#





#7

Phenol-d6

Concen: 133.16 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082185.D

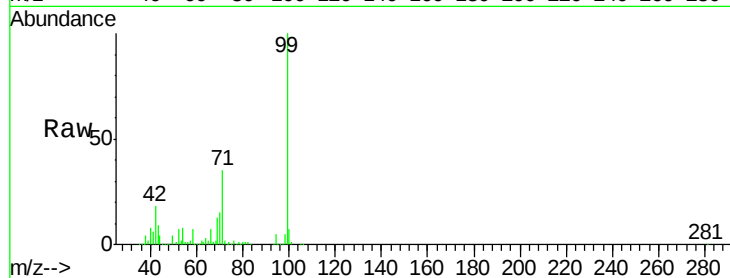
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Instrument :

BNA_F

ClientSampleId :

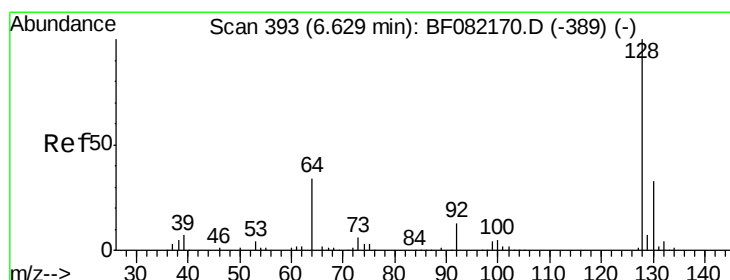
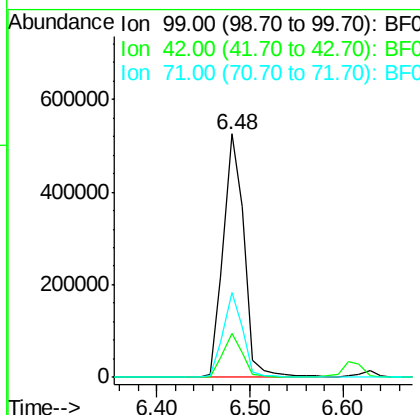
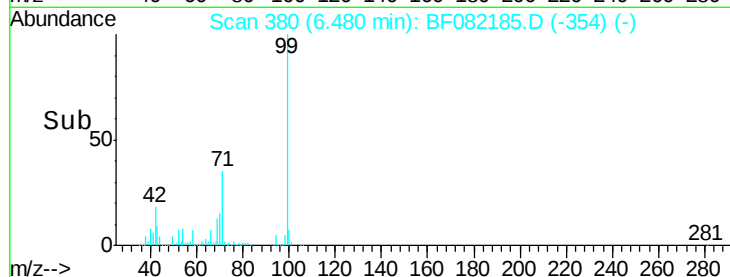
A13COMPMSD



Tgt Ion:	99	Resp:	821012
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.2	19.8
71	35.0	25.6	38.4

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#8

2-Chlorophenol

Concen: 46.78 ng

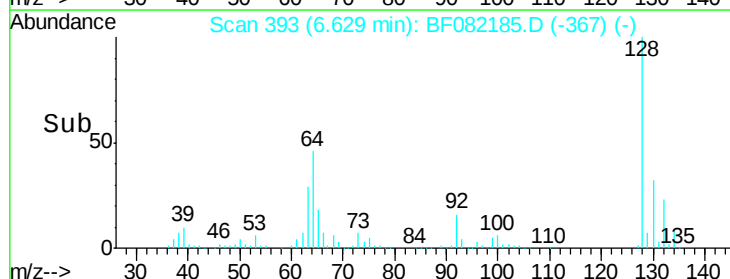
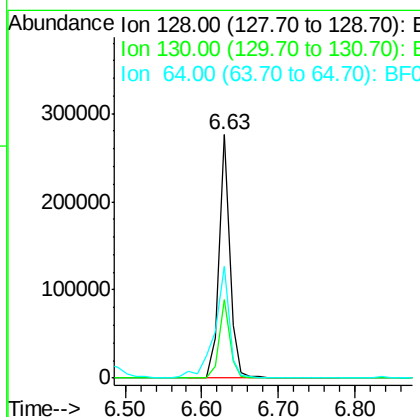
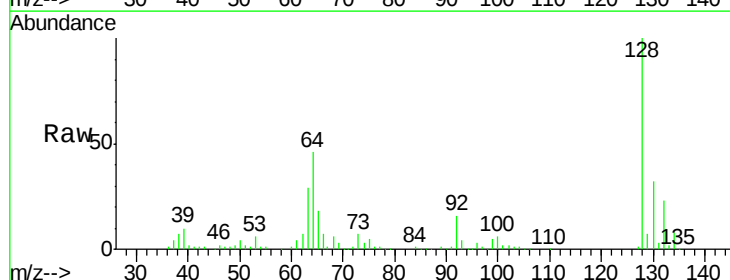
RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	128	Resp:	270585
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	46.0	16.7	56.7





#9

Benzaldehyde

Concen: 25.76 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

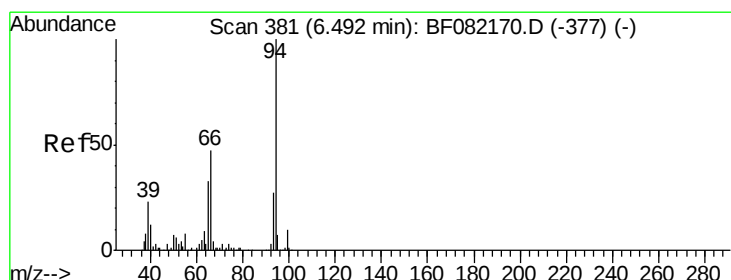
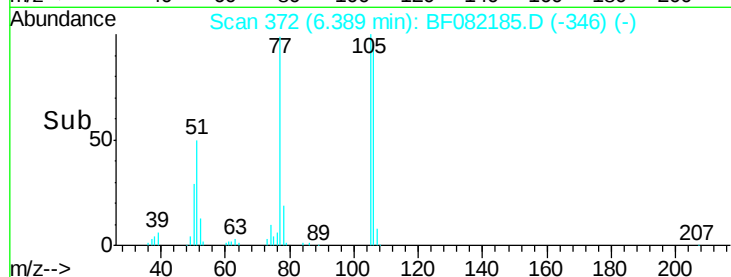
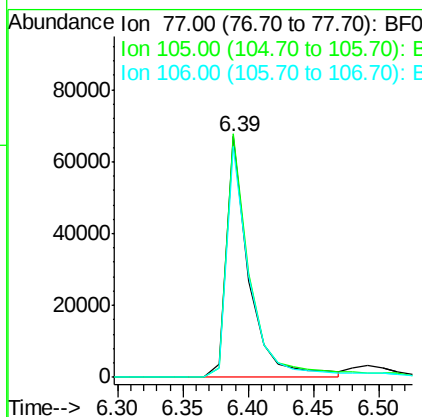
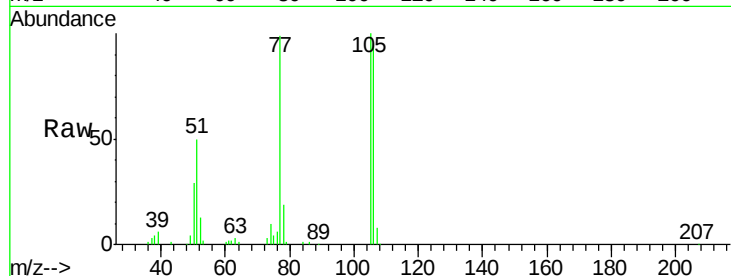
ClientSampleId :

A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.6	120.6
106	95.6	75.5	115.5

Manual Integrations
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#10

Phenol

Concen: 36.67 ng

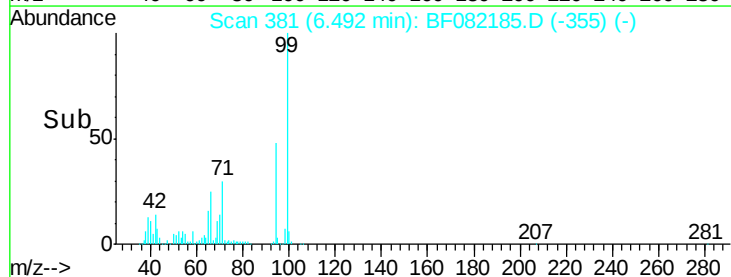
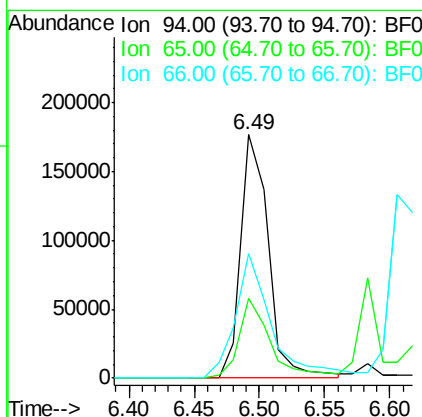
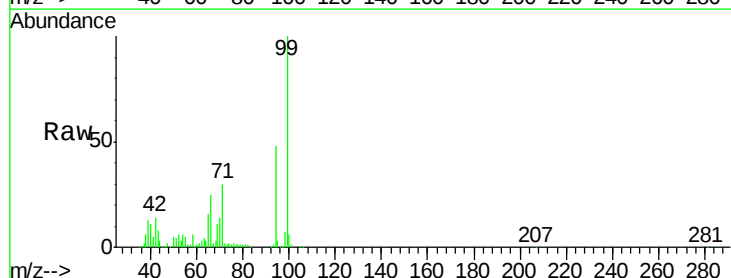
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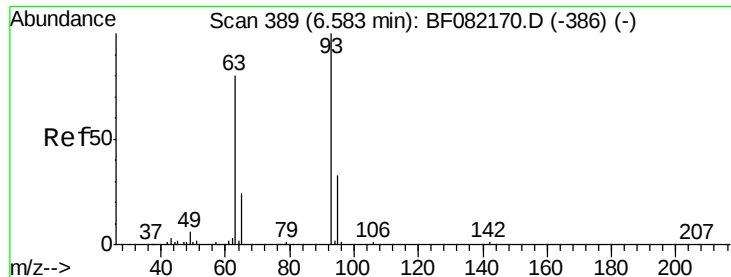
Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.6	52.6
66	51.4	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 47.05 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tgt Ion: 93 Resp: 282841

Ion Ratio Lower Upper

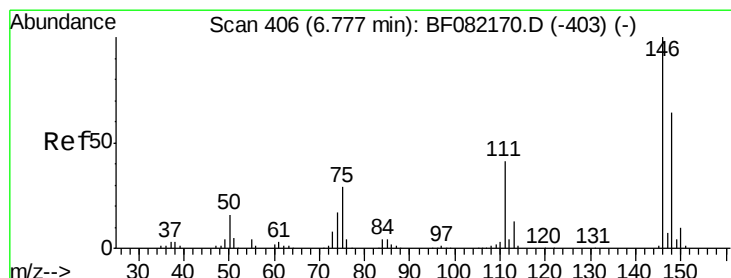
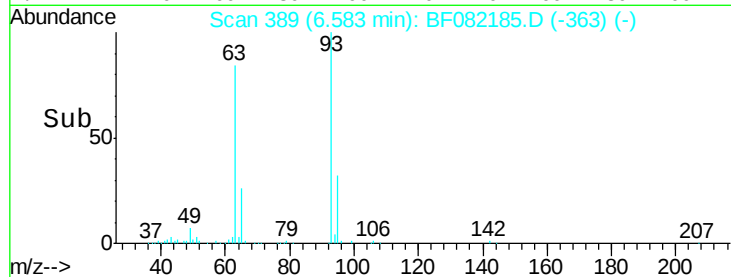
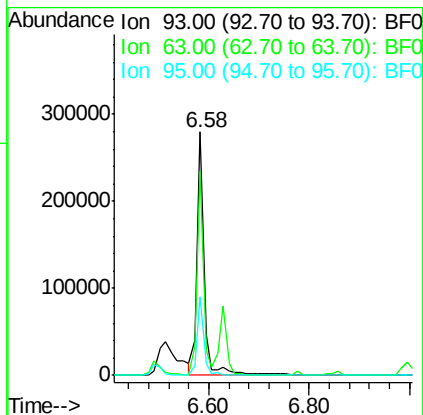
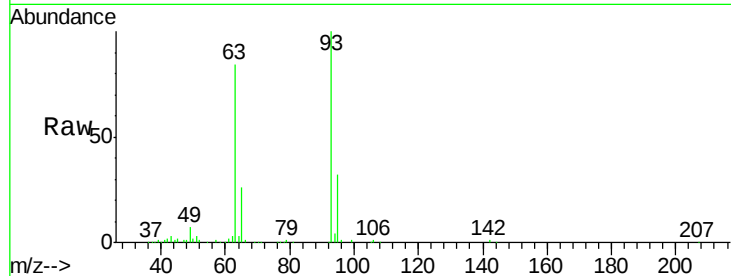
93 100

63 83.6 57.1 97.1

95 32.2 11.9 51.9

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#12

1,3-Dichlorobenzene

Concen: 42.31 ng m

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

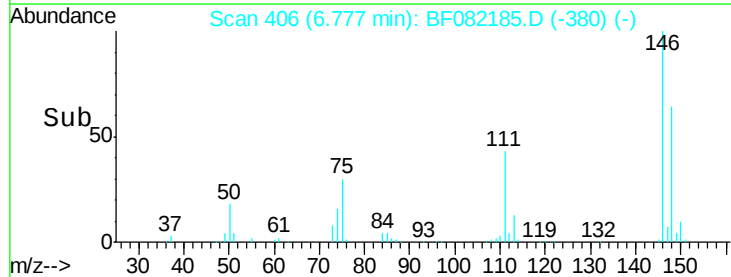
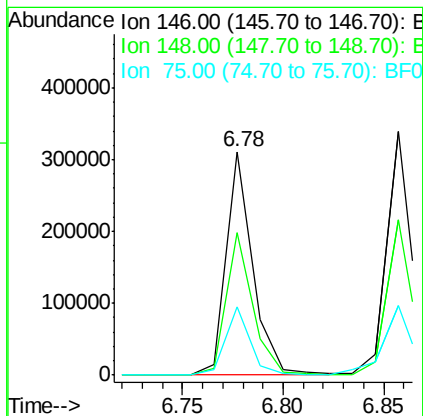
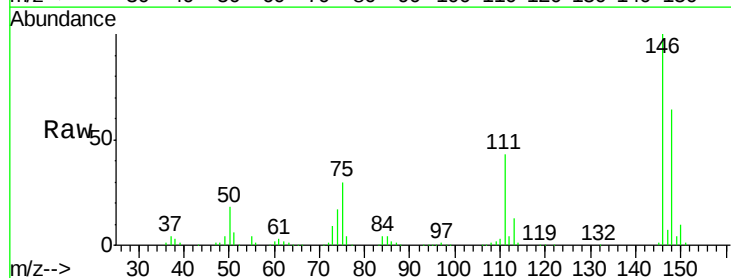
Tgt Ion: 146 Resp: 285016

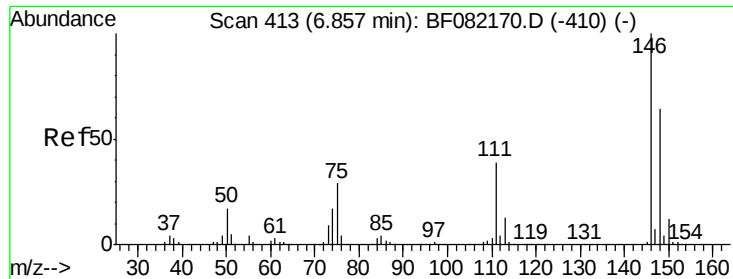
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

75 30.4 23.0 34.6





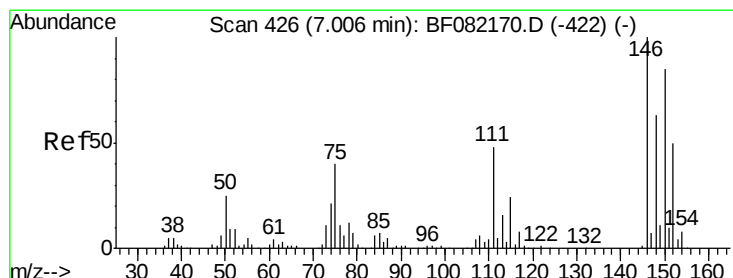
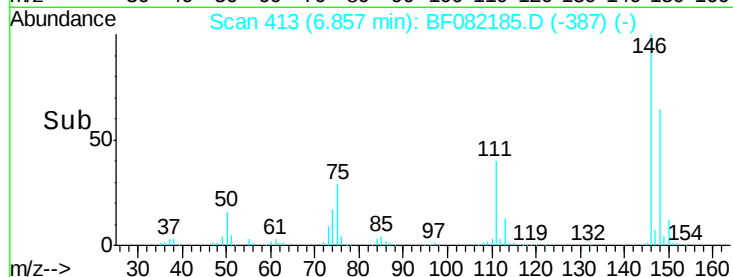
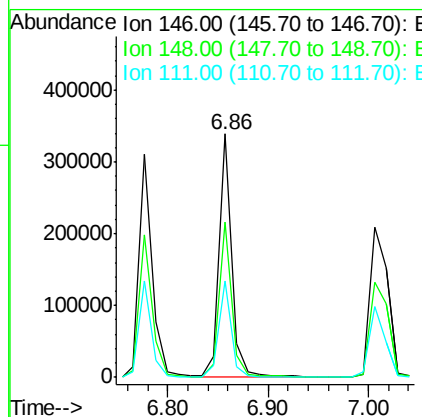
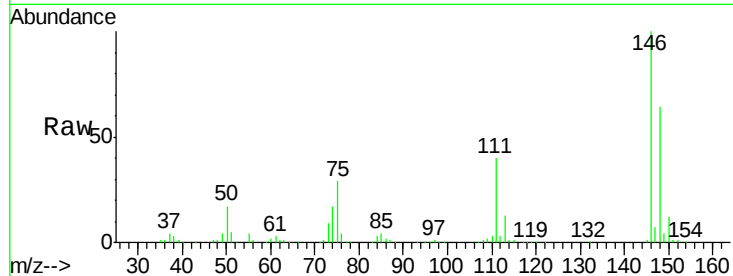
#13
 1,4-Dichlorobenzene
 Concen: 42.91 ng
 RT: 6.86 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	39.5	31.1	46.7

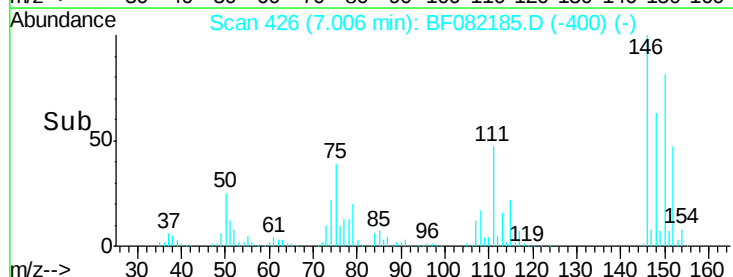
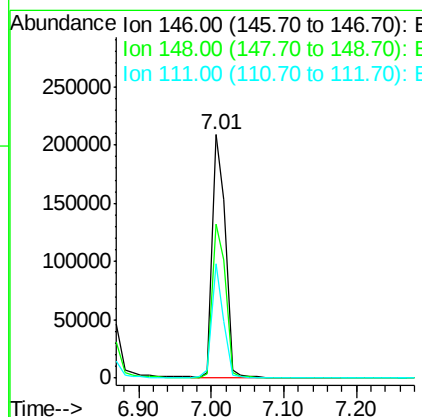
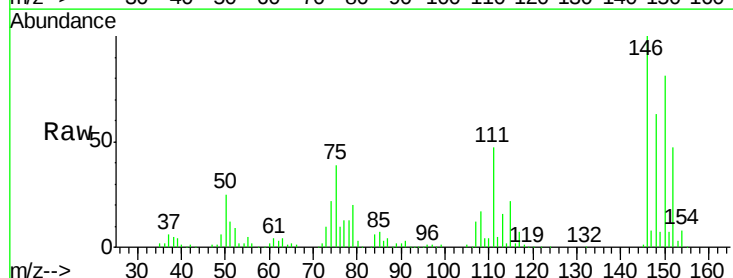
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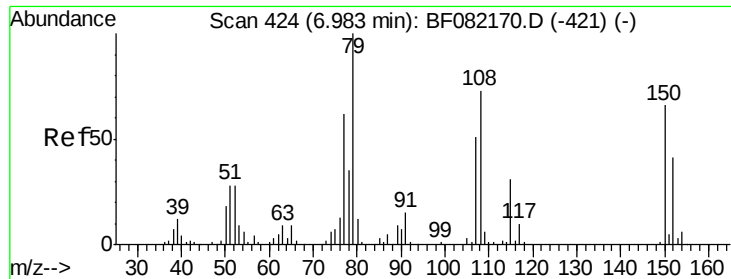
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 39.42 ng
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	46.8	38.5	57.7





#15

Benzyl Alcohol

Concen: 48.95 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082185.D

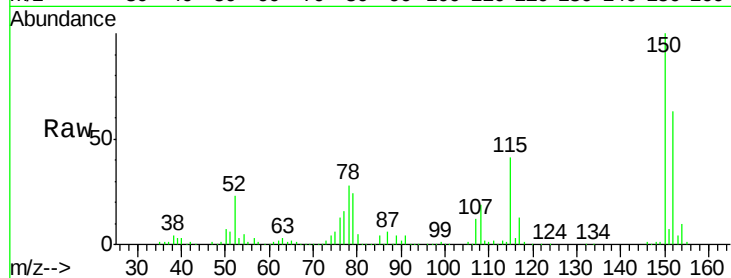
Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

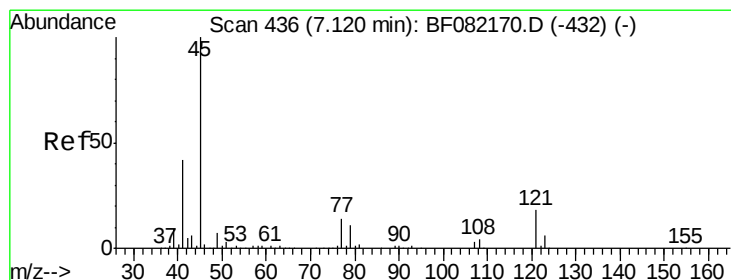
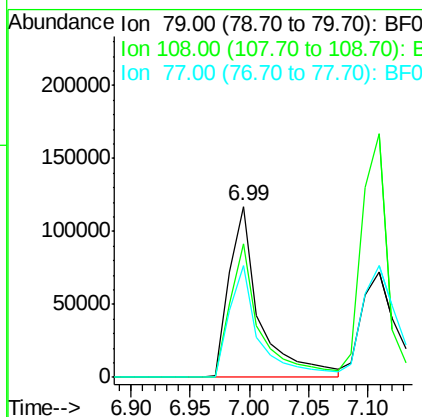
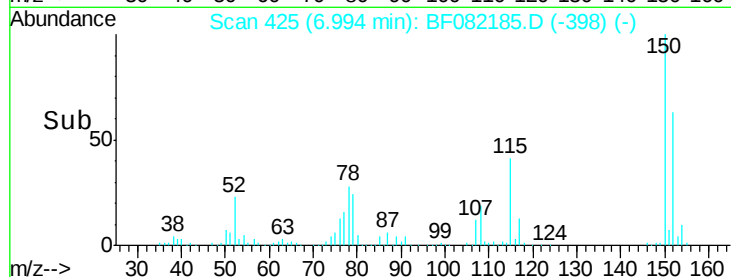
A13COMPMSD



Tgt Ion:	79	Resp:	208343
Ion Ratio	Lower	Upper	
79	100		
108	77.7	58.4	87.6
77	64.9	49.8	74.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.96 ng

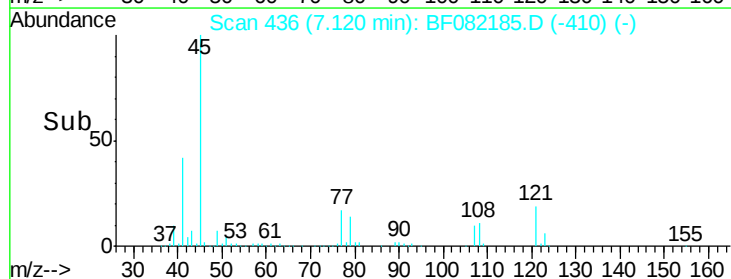
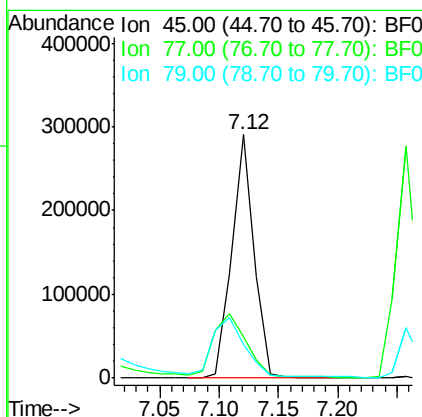
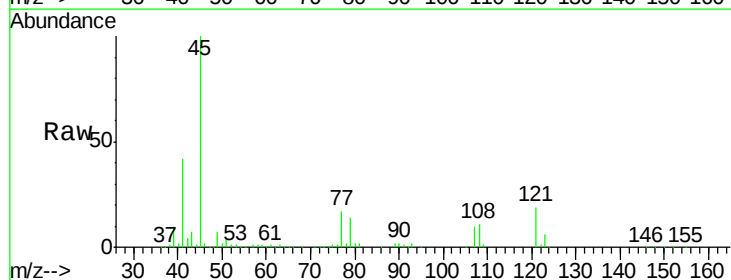
RT: 7.12 min Scan# 436

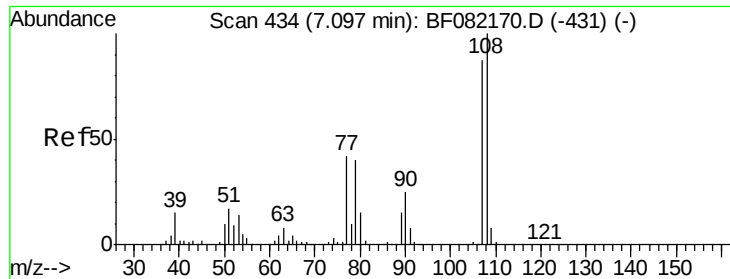
Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

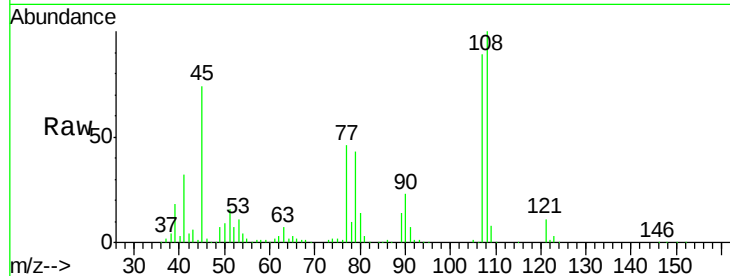
Tgt Ion:	45	Resp:	376381
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	34.5
79	14.1	0.0	31.6





#17
2-Methylphenol
Concen: 47.28 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

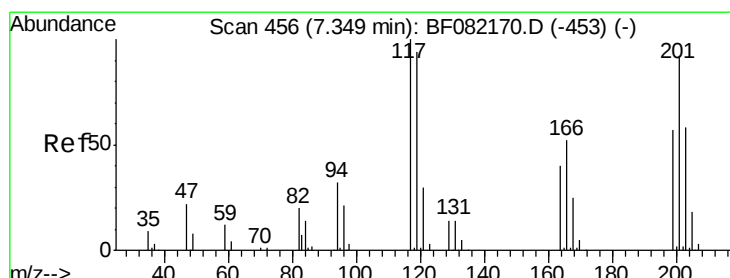
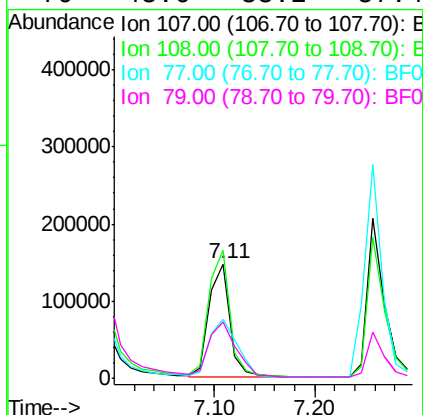
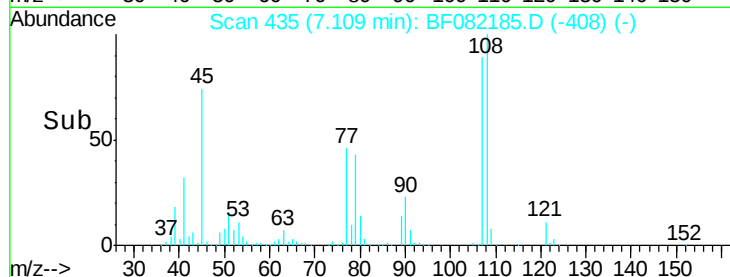
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	216271		
108	112.3	92.2	138.2	
77	51.8	39.6	59.4	
79	48.6	38.2	57.4	

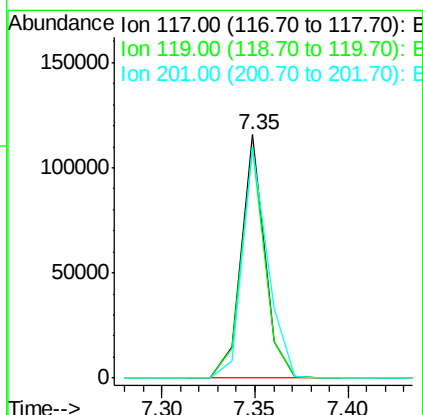
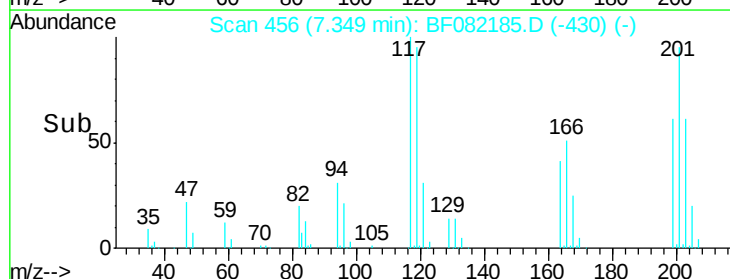
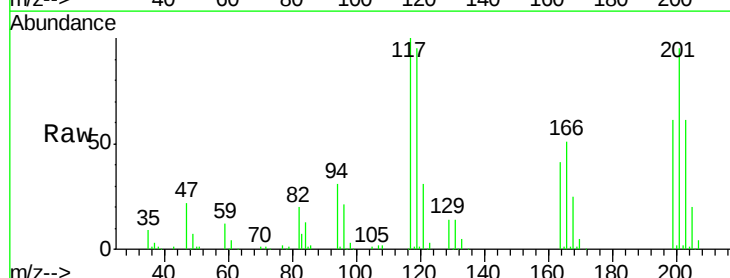
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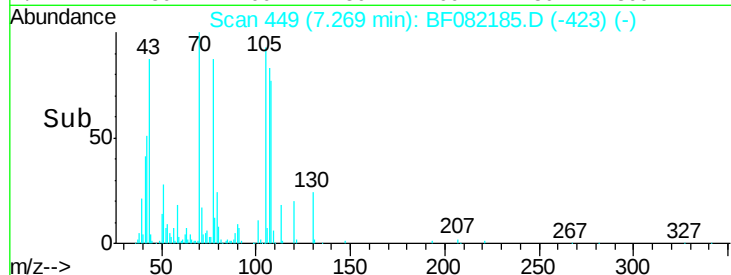
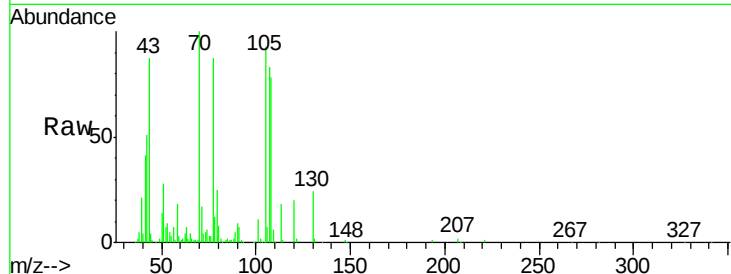
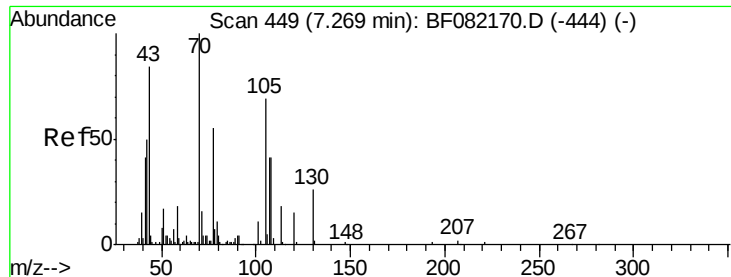
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#18
Hexachloroethane
Concen: 42.34 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101948		
119	94.9	75.4	113.2	
201	94.6	73.4	110.0	





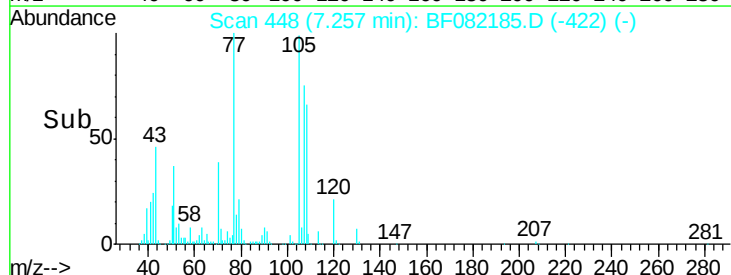
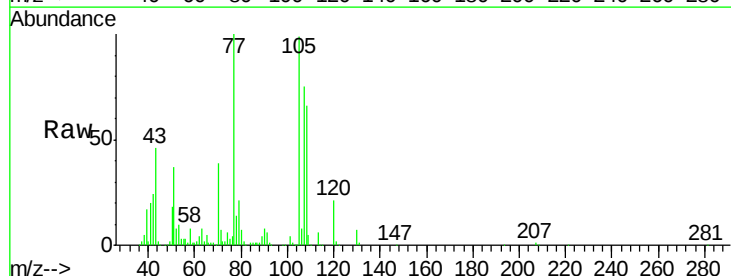
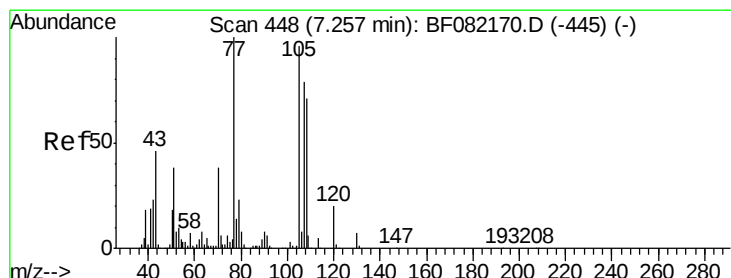
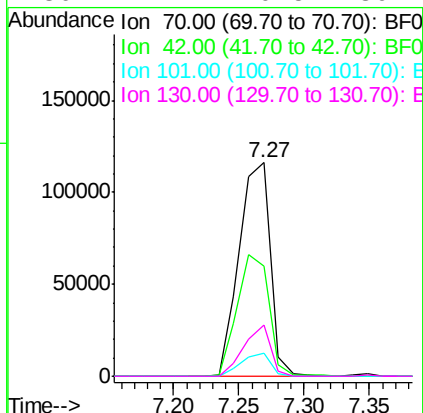
#19
n-Nitroso-di-n-propylamine
Concen: 44.68 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

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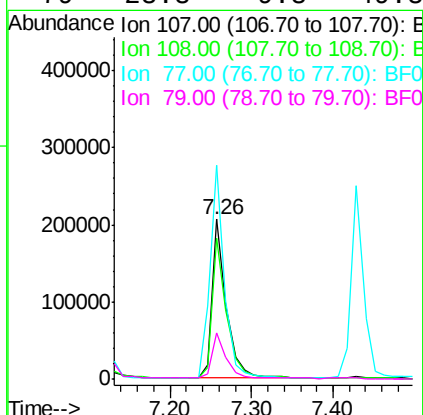
MMDadoda
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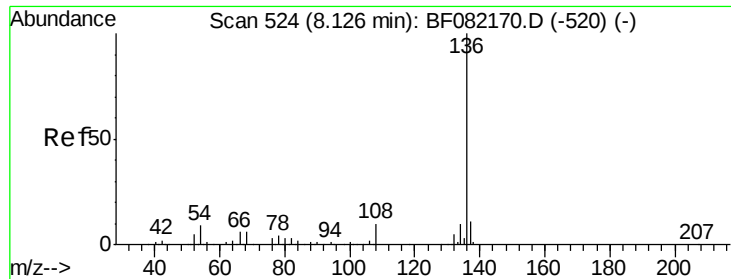
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.4	39.8	59.8
101	10.8	8.6	13.0
130	24.2	20.5	30.7



#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	133.9	106.0	146.0
79	28.8	9.8	49.8





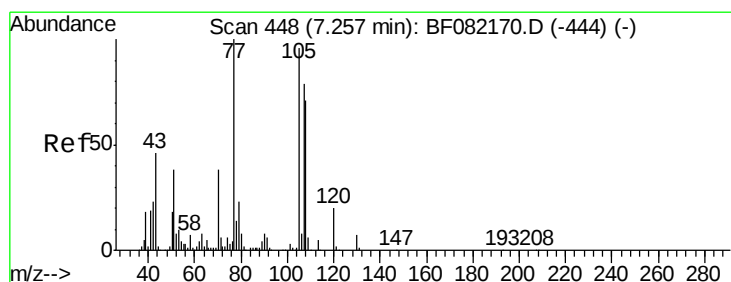
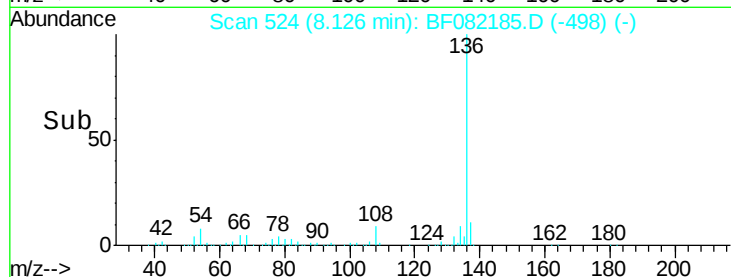
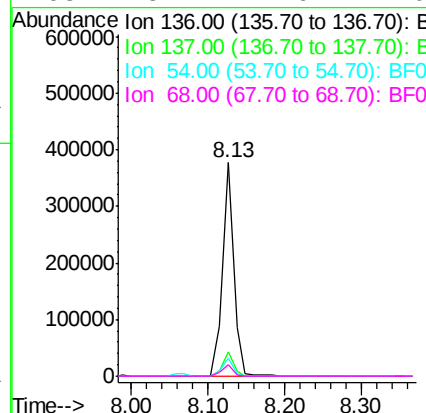
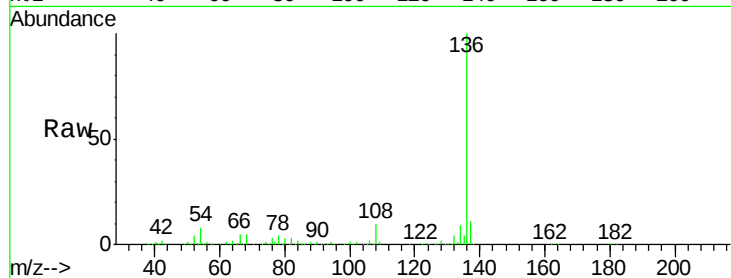
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	388090		
137	11.1	9.0	13.6	
54	8.2	7.5	11.3	
68	5.2	4.6	7.0	

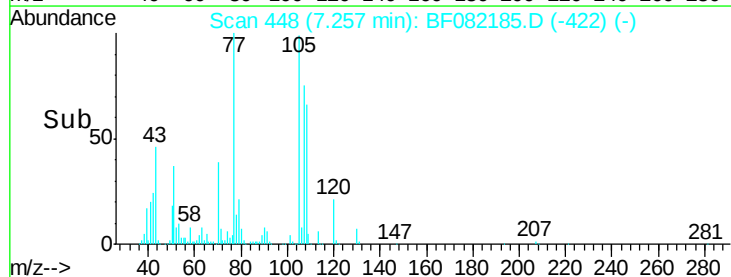
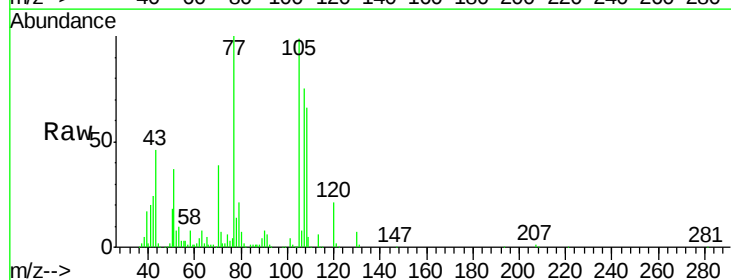
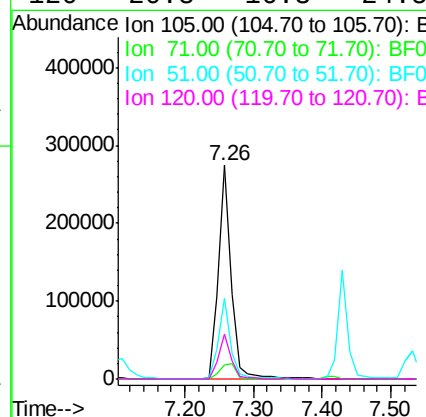
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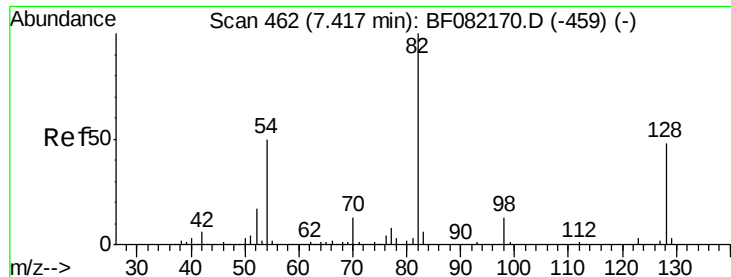
MMDadoda
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#22
Acetophenone
Concen: 47.48 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	364468		
71	6.7	5.4	8.0	
51	37.7	31.8	47.6	
120	20.8	16.3	24.5	





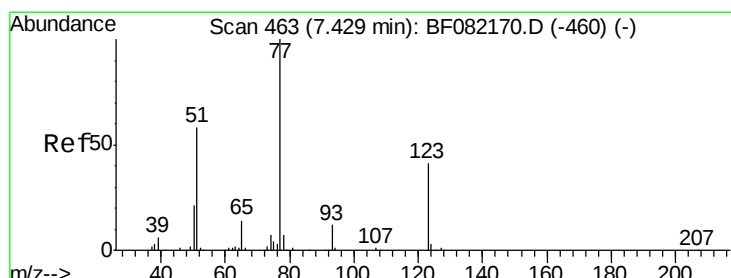
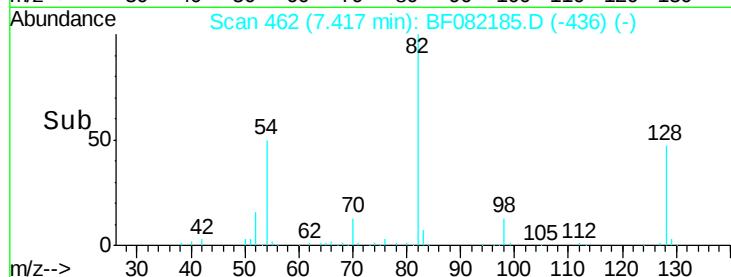
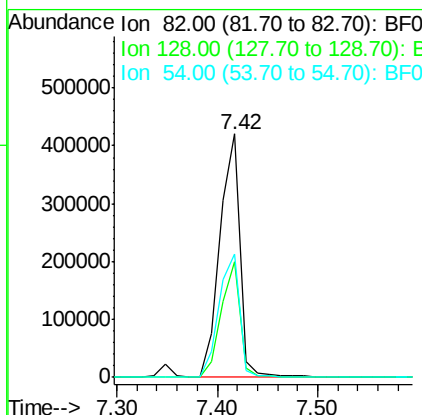
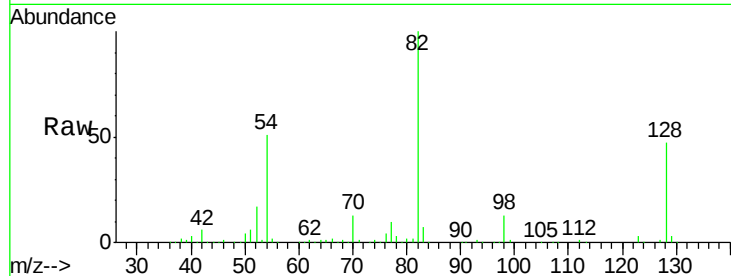
#23
 Nitrobenzene-d5
 Concen: 101.53 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.7	58.1
54	50.7	40.1	60.1

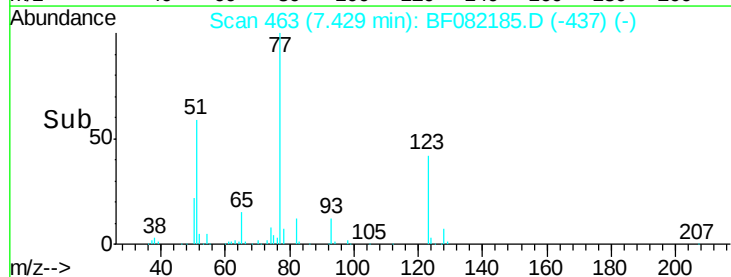
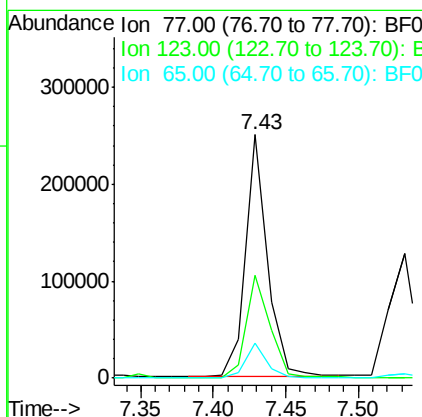
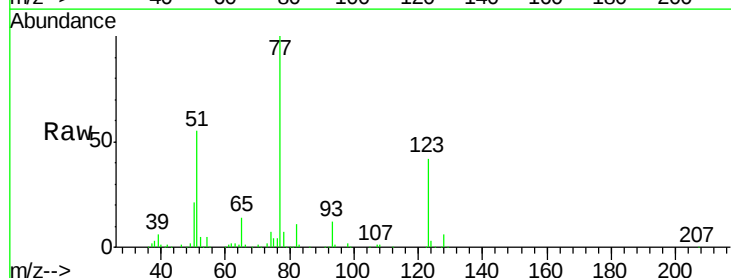
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#24
 Nitrobenzene
 Concen: 41.85 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 45.86 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

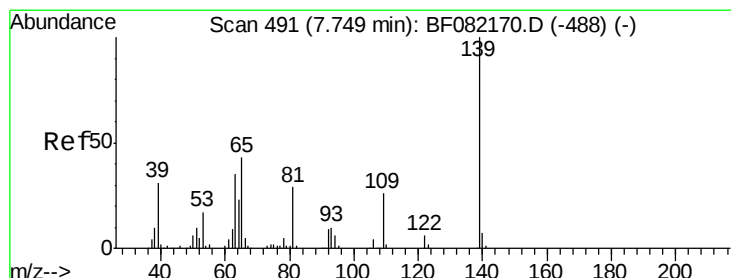
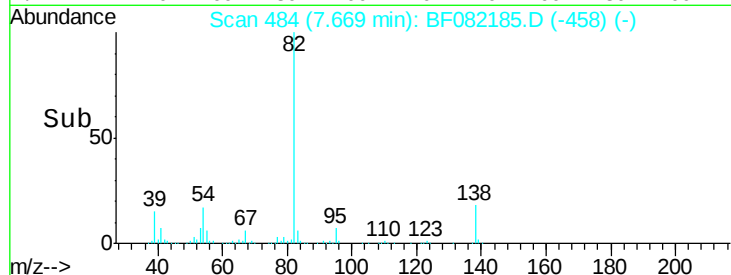
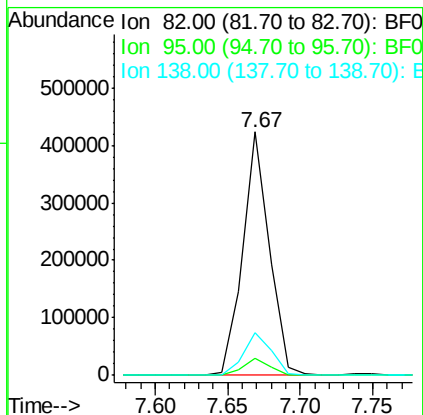
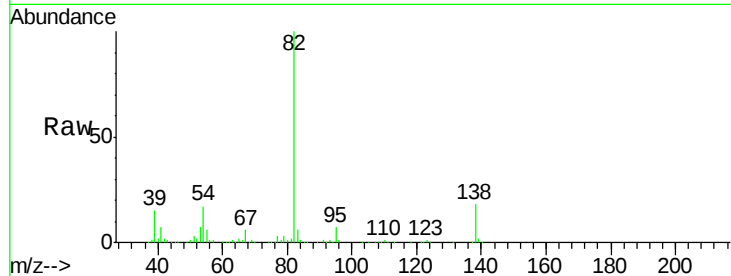
ClientSampleId :

A13COMPMSD

Tgt Ion:	82	Resp:	534953
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.7	13.6	20.4

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#26

2-Nitrophenol

Concen: 50.79 ng

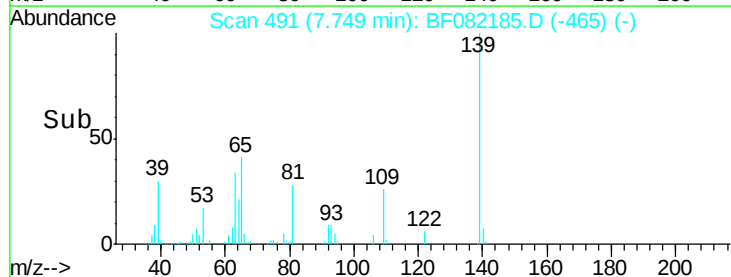
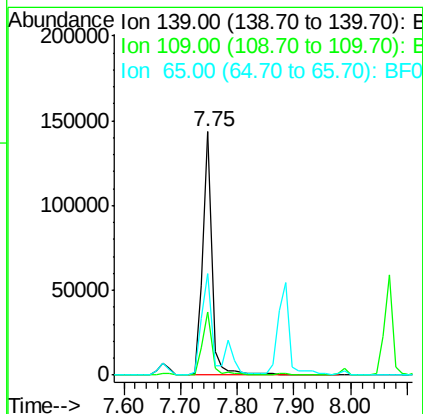
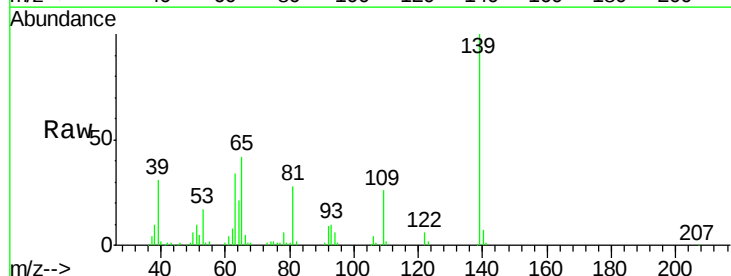
RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	139	Resp:	158631
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.6	31.0
65	41.8	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 47.49 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

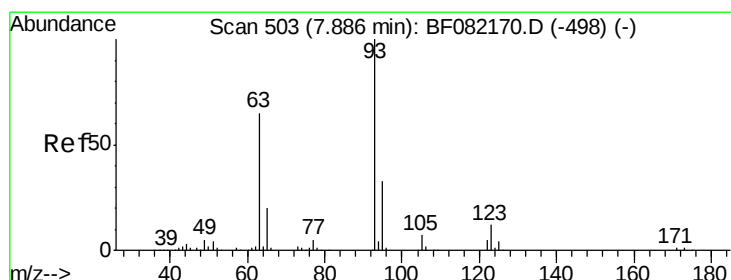
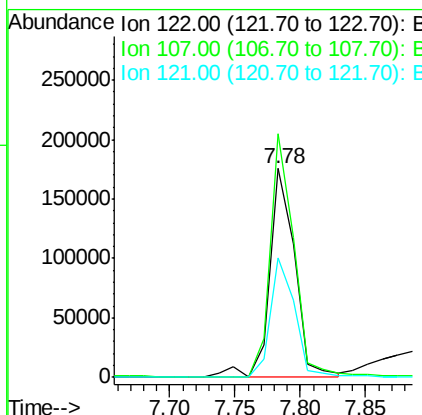
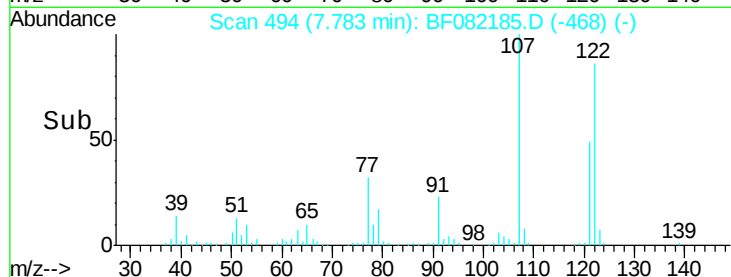
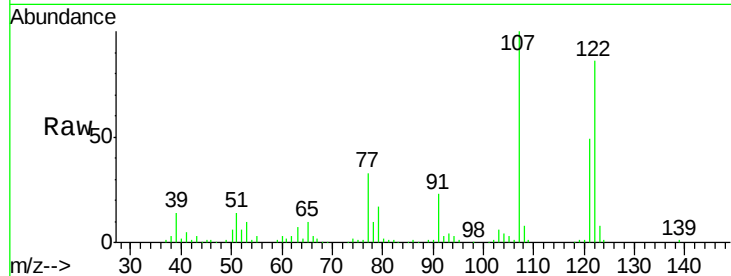
ClientSampleId :

A13COMPMSD

Manual Integrations
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10/12/2015 2:35:31 PM

Tgt Ion:	122	Resp:	238970
Ion Ratio	Lower	Upper	
122	100		
107	116.5	94.0	141.0
121	57.3	46.8	70.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.27 ng

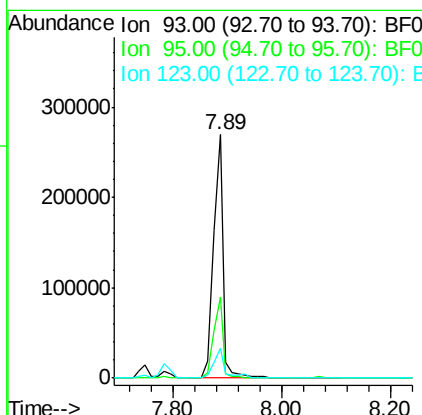
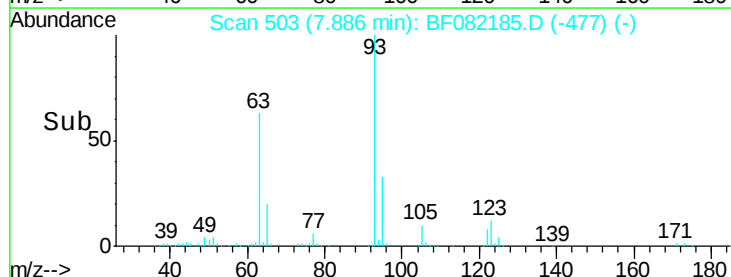
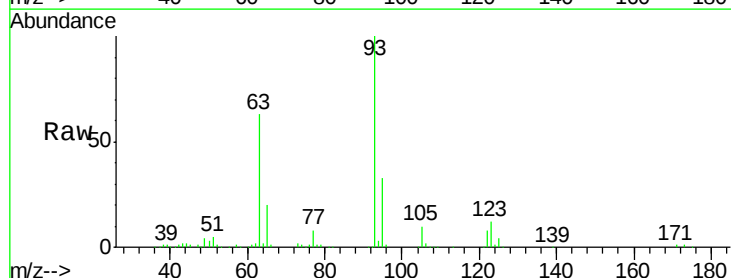
RT: 7.89 min Scan# 503

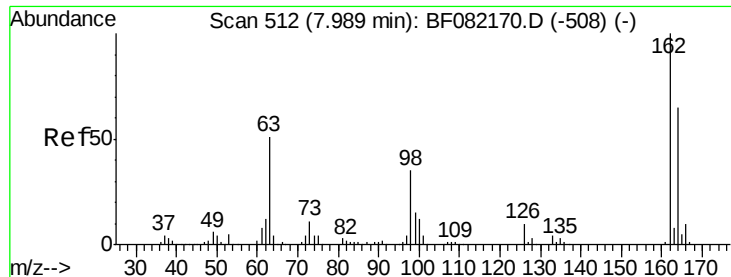
Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	93	Resp:	341179
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.6	39.8
123	12.2	9.5	14.3





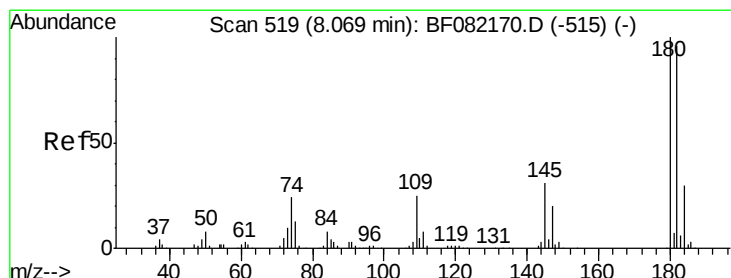
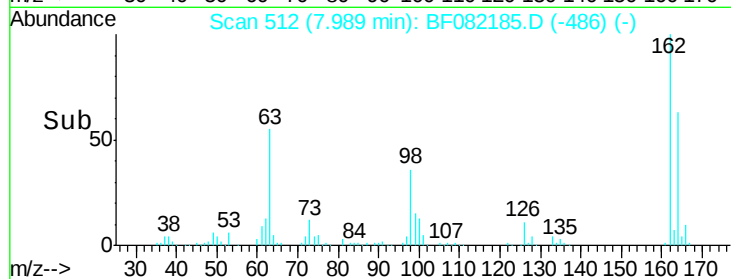
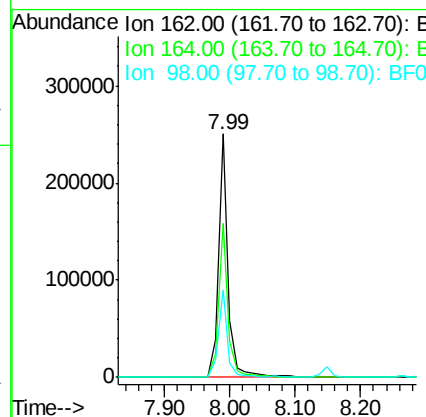
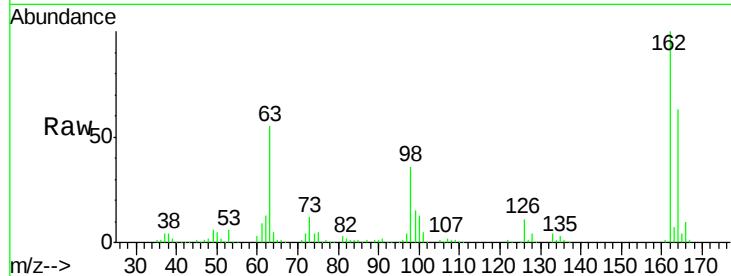
#29
2,4-Dichlorophenol
Concen: 51.86 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	260901		
164	63.1	44.6	84.6	
98	36.1	15.0	55.0	

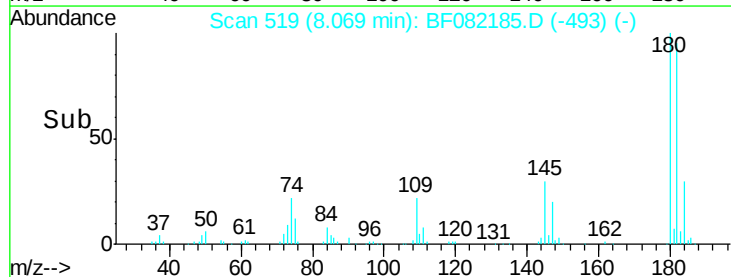
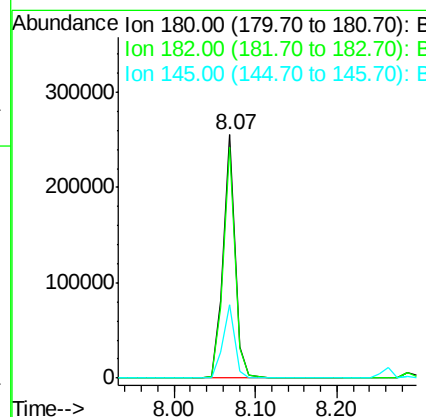
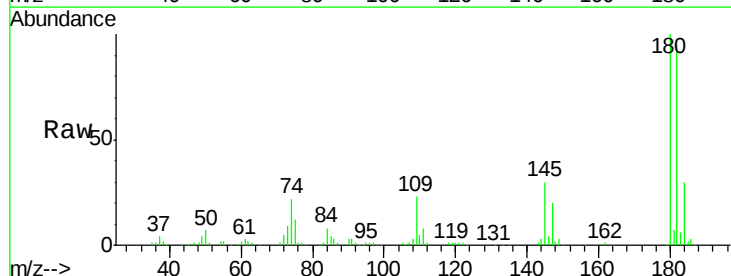
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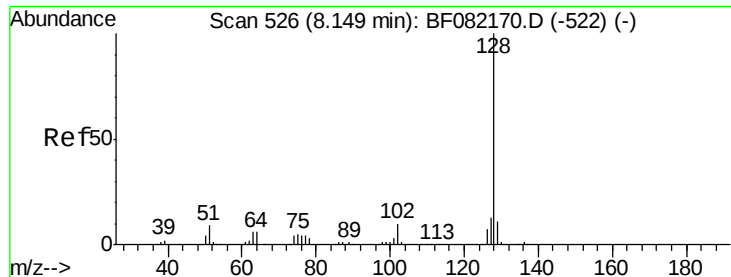
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 44.89 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260269		
182	94.6	77.0	115.4	
145	30.3	25.0	37.4	





#31

Naphthalene

Concen: 46.16 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

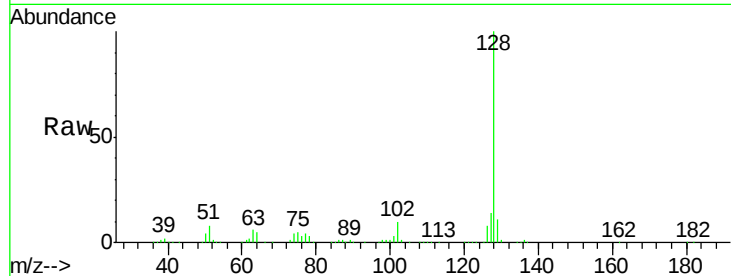
ClientSampleId :

A13COMPMSD

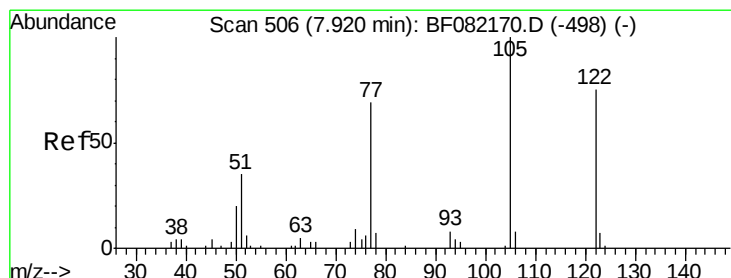
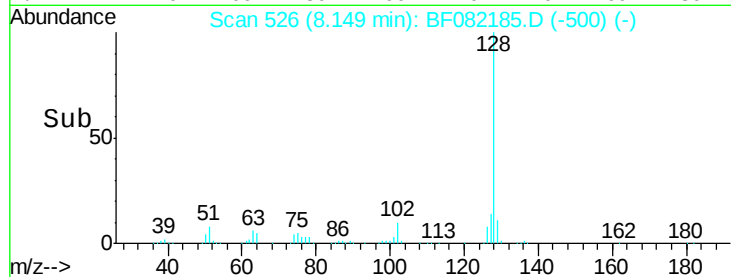
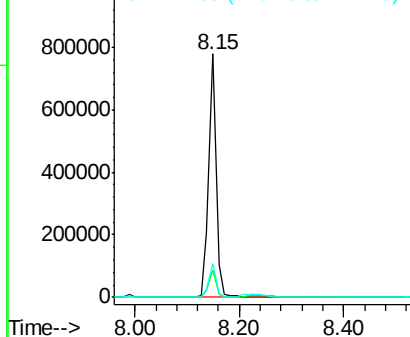
Tgt Ion:	128	Resp:	776510
Ion Ratio		Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.8	10.7	16.1

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



#32

Benzoic acid

Concen: 48.60 ng

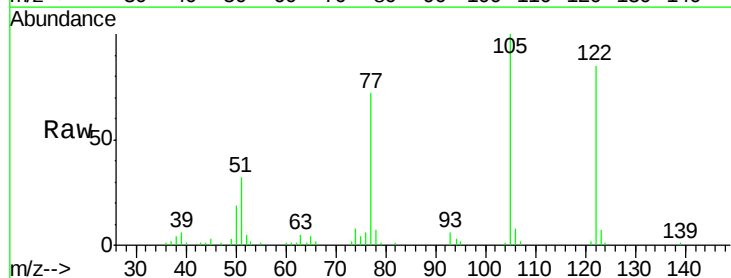
RT: 7.93 min Scan# 507

Delta R.T. 0.01 min

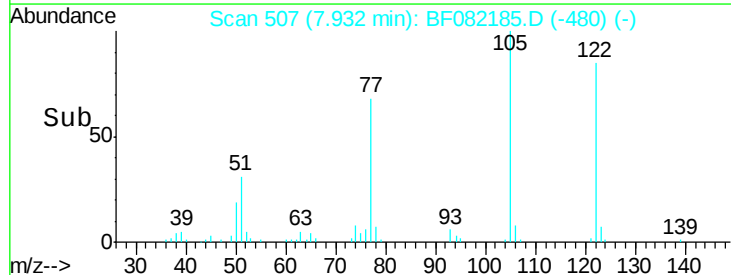
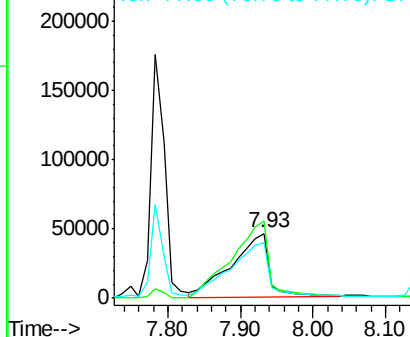
Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	122	Resp:	164155
Ion Ratio		Lower	Upper
122	100		
105	117.8	104.4	144.4
77	84.9	69.0	109.0



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





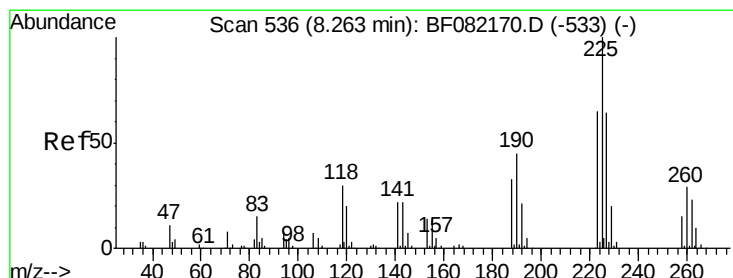
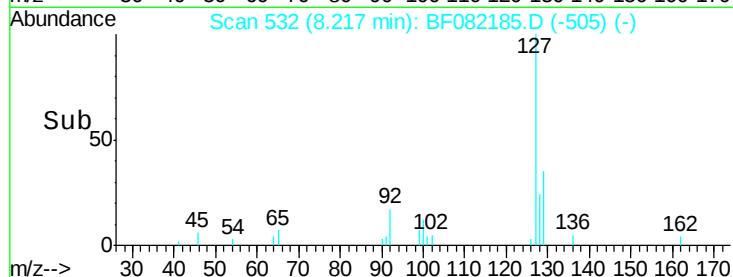
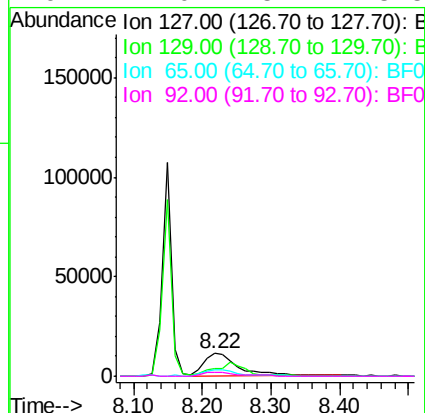
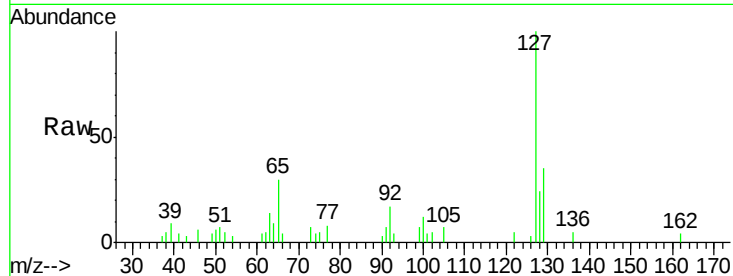
#33
4-Chloroaniline
Concen: 5.67 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	39615		
129	34.7	26.3	39.5	
65	30.5	24.4	36.6	
92	17.0	15.7	23.5	

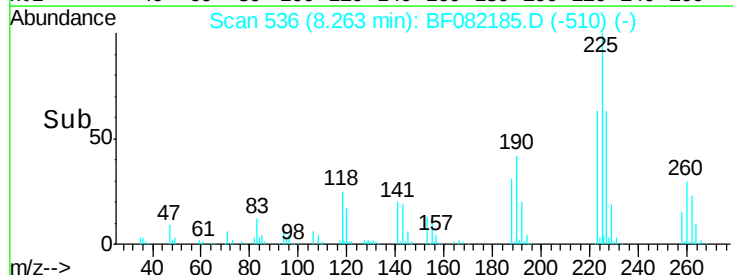
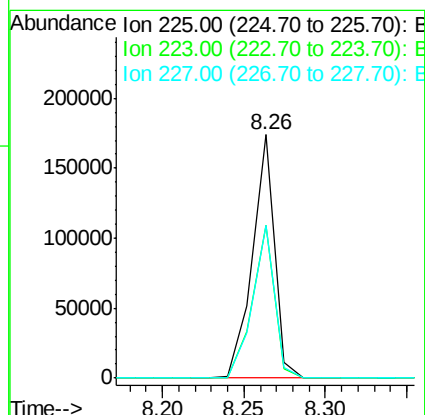
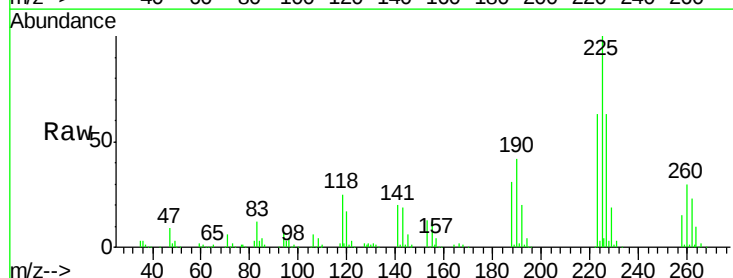
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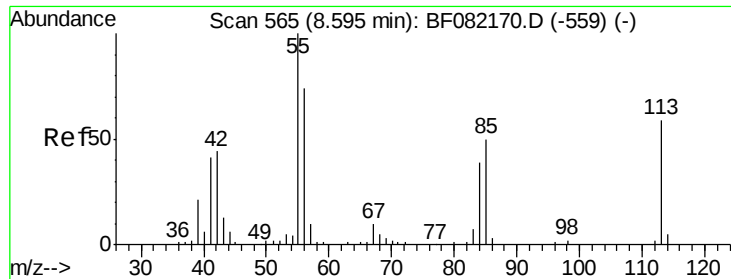
MMDadoda
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#34
Hexachlorobutadiene
Concen: 45.35 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163864		
223	62.8	52.2	78.2	
227	62.6	51.3	76.9	





#35

Caprolactam

Concen: 42.41 ng m

RT: 8.58 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF082185.D

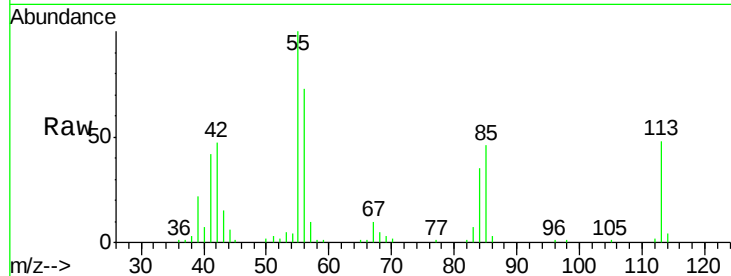
Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD



Tgt Ion:113 Resp: 61916

Ion Ratio Lower Upper

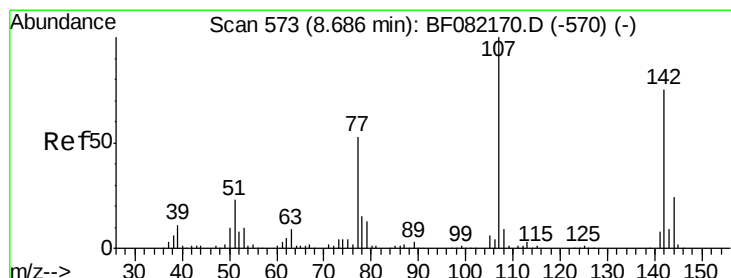
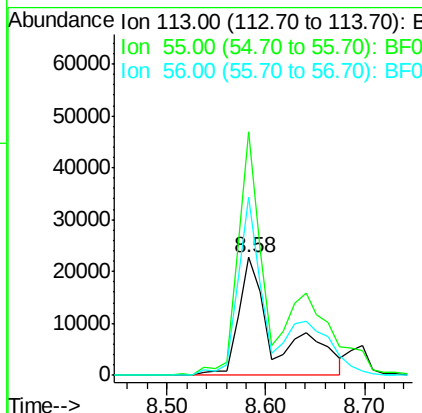
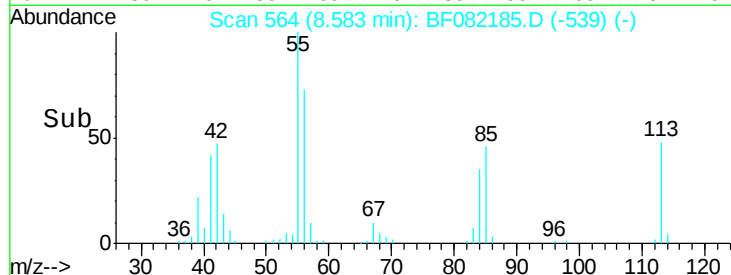
113 100

55 206.4 149.7 189.7#

56 150.7 105.4 145.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 52.41 ng

RT: 8.70 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

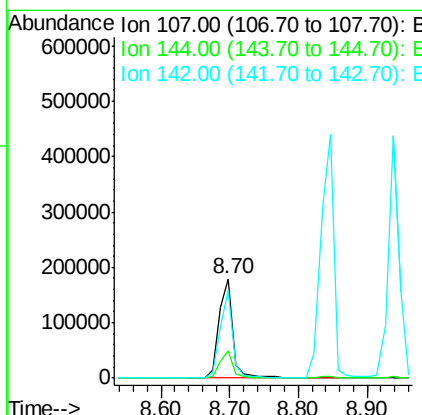
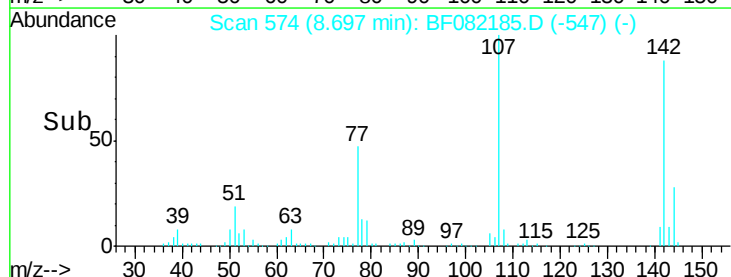
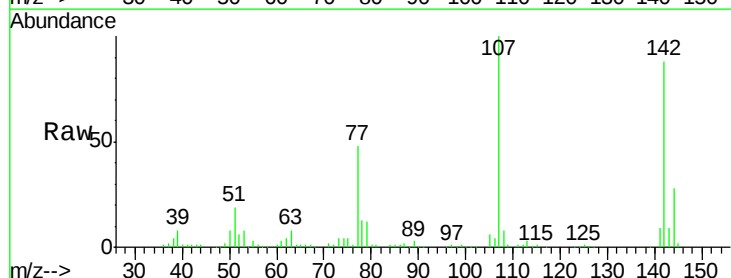
Tgt Ion:107 Resp: 257834

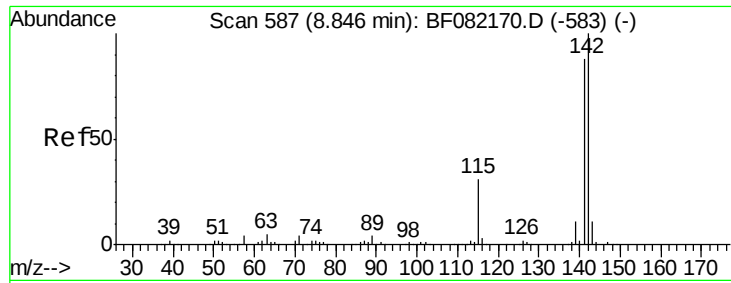
Ion Ratio Lower Upper

107 100

144 28.0 19.3 28.9

142 87.5 59.9 89.9





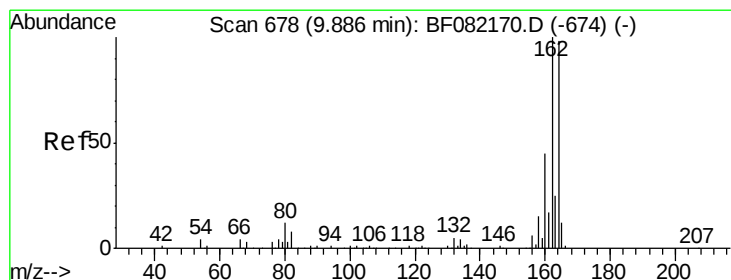
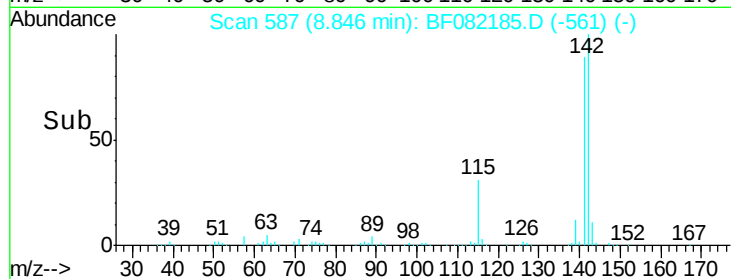
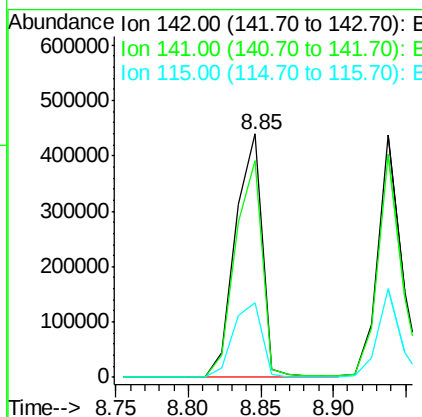
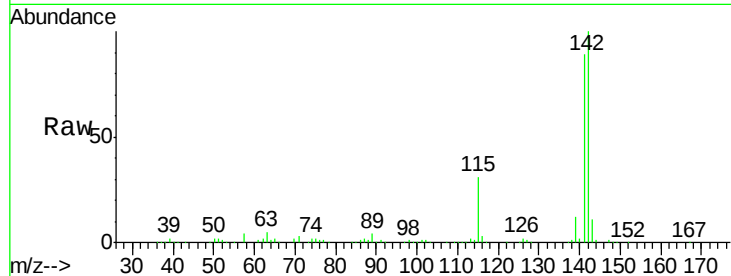
#37
2-Methylnaphthalene
Concen: 48.65 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	30.5	24.6	37.0

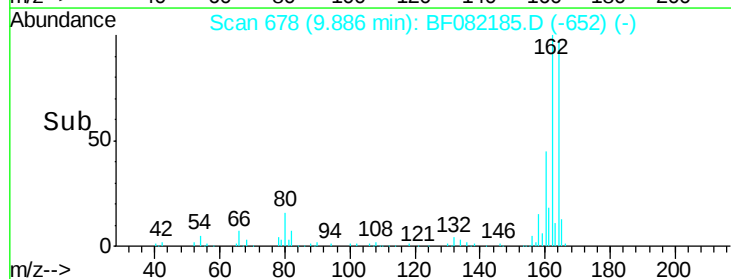
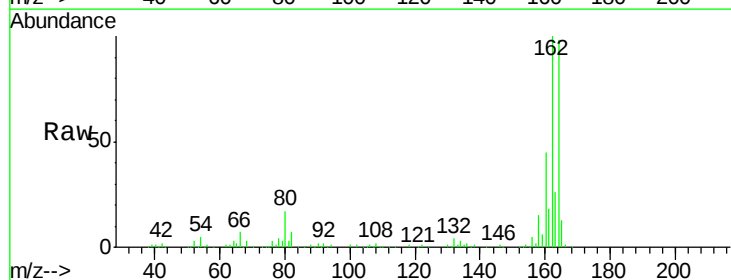
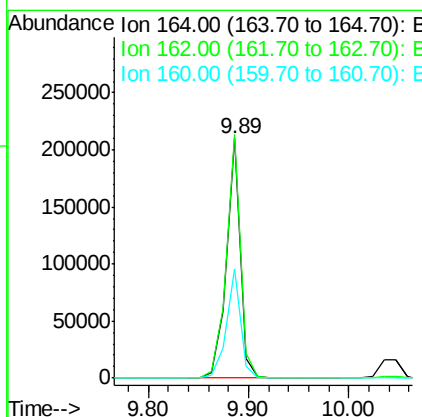
Manual Integrations
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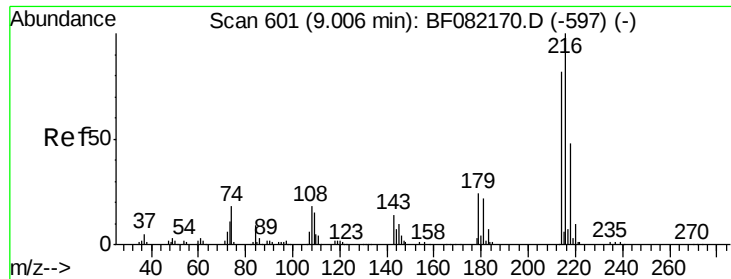
MMDadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	45.6	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.06 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082185.D

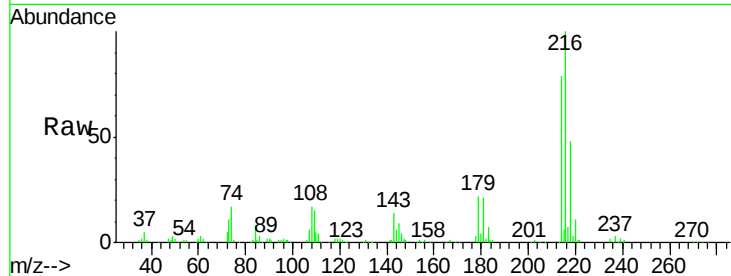
Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

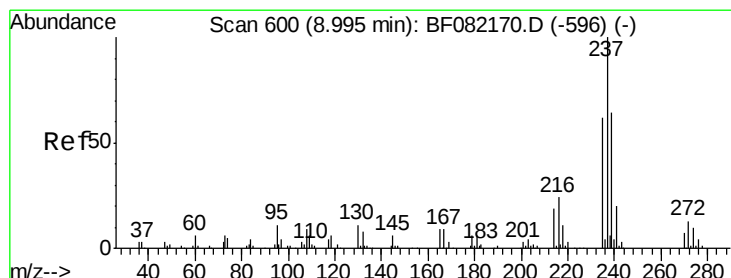
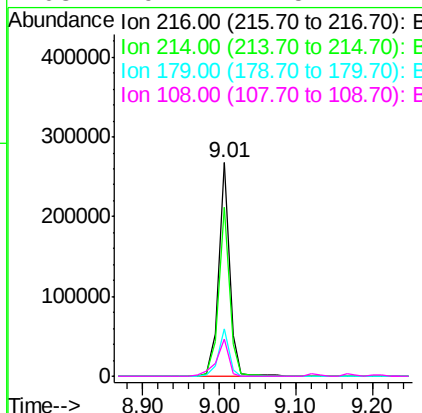
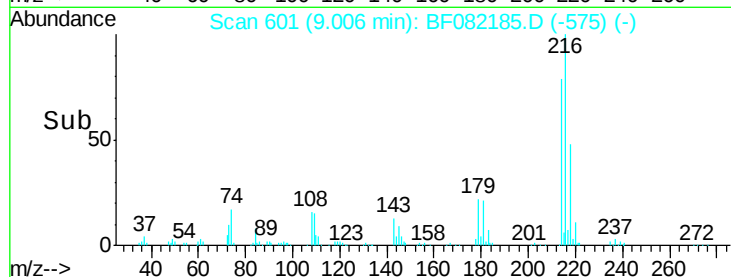
A13COMPMSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.6	97.0
179	21.5	17.6	26.4
108	19.4	14.5	21.7

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 92.63 ng

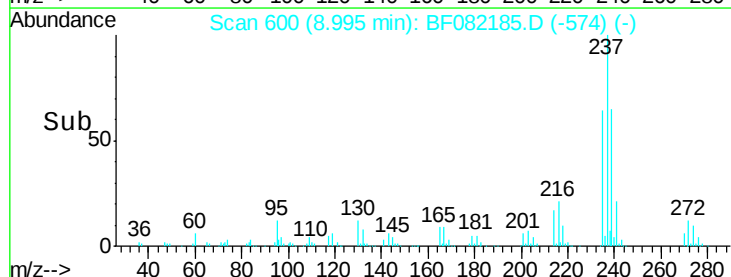
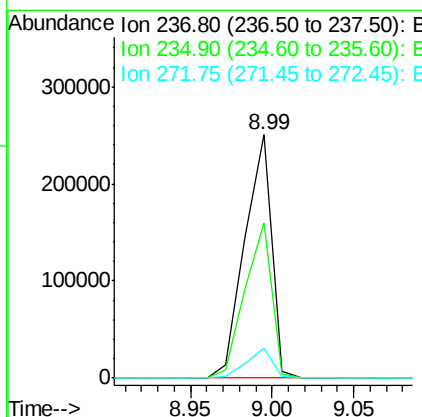
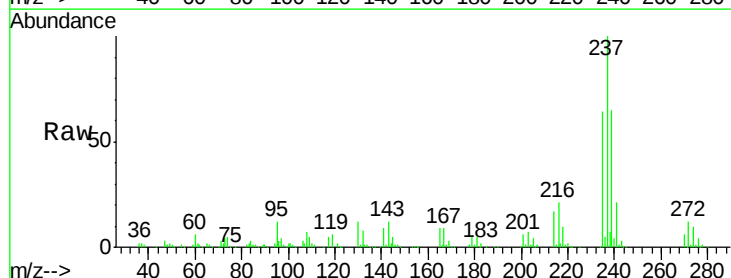
RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.7	81.7
272	12.4	0.0	32.8





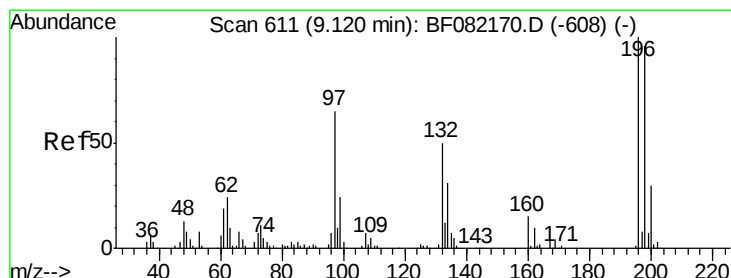
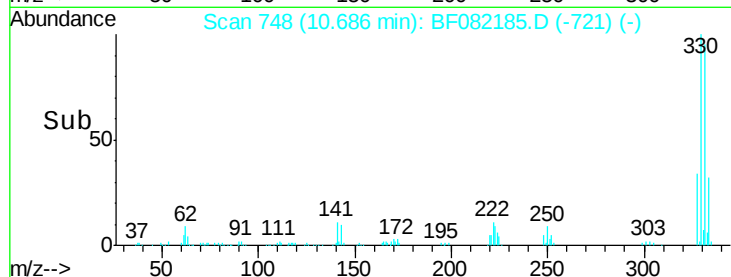
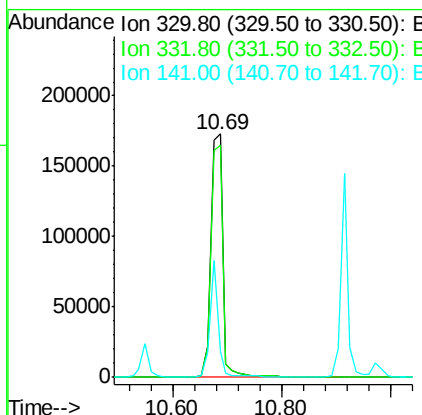
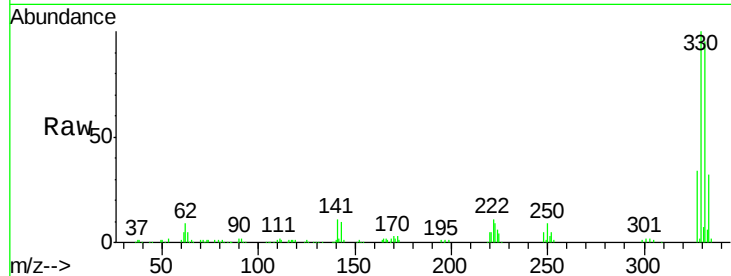
#41
 2,4,6-Tribromophenol
 Concen: 143.08 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	270665		
332	95.6	77.1	115.7	
141	32.0	29.8	44.8	

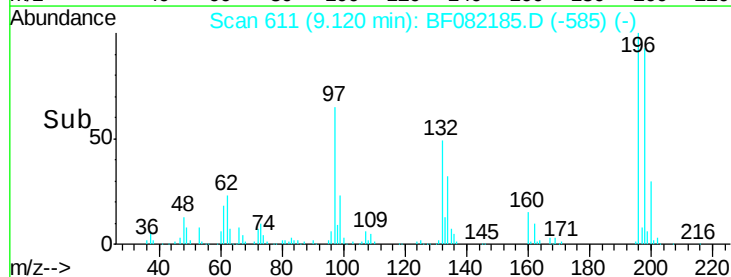
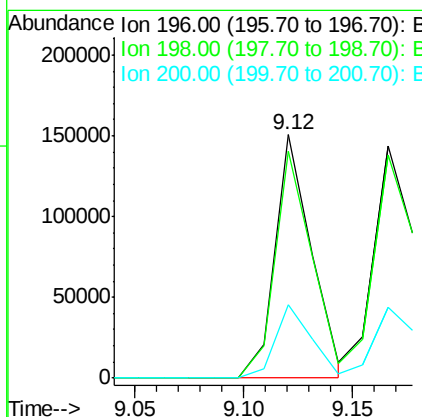
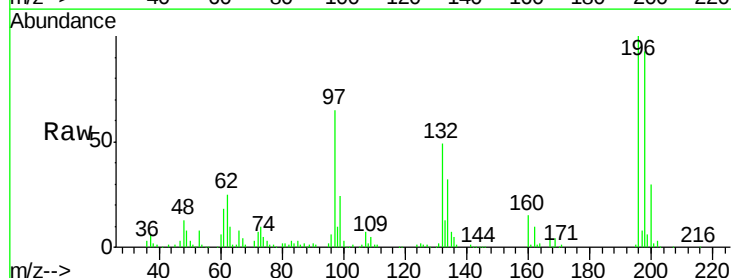
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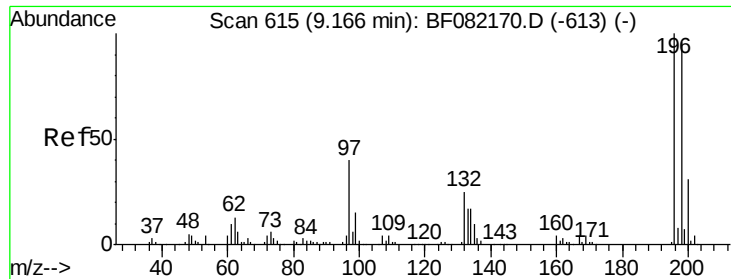
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 44.28 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

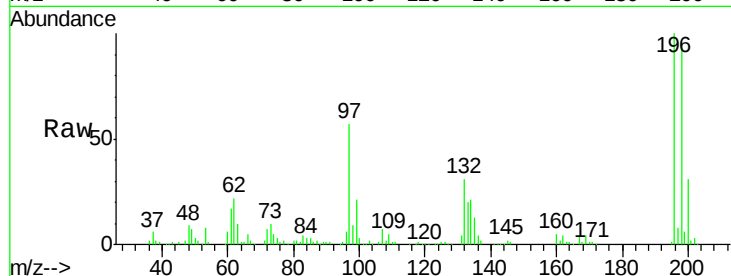
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176468		
198	93.4	76.6	115.0	
200	30.0	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

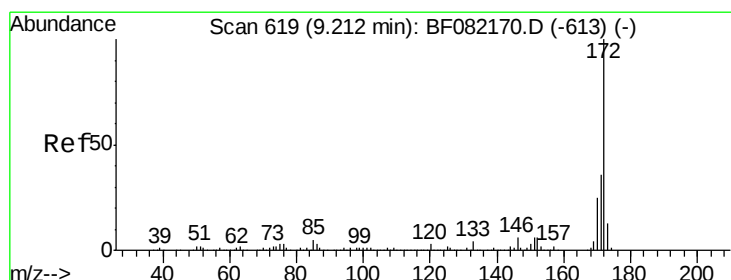
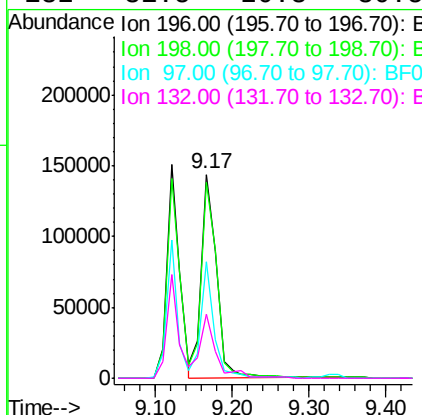
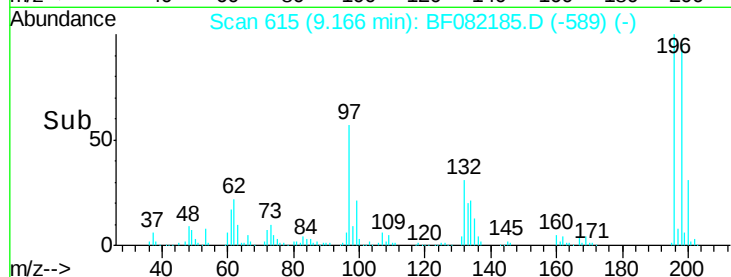
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196515		
198	96.4	77.0	115.4	
97	57.2	31.9	47.9	
132	31.5	20.3	30.5	

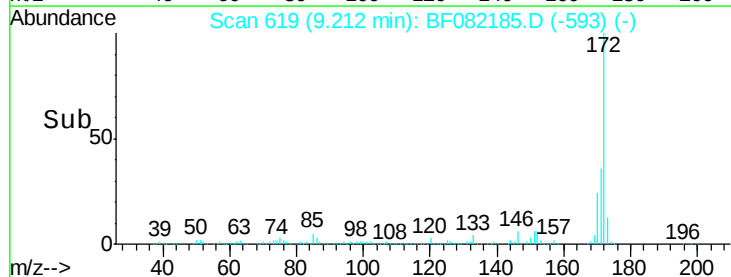
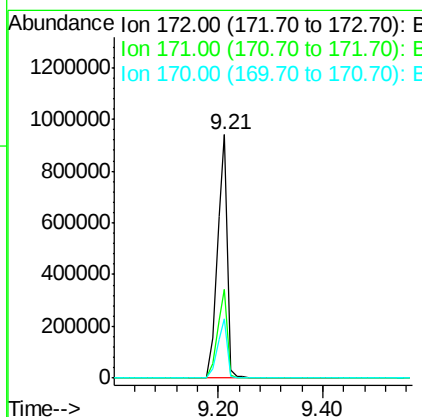
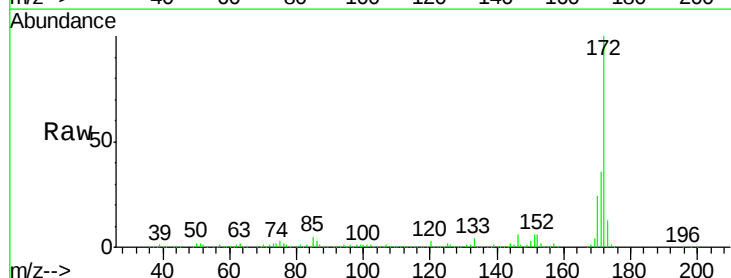
Manual Integrations
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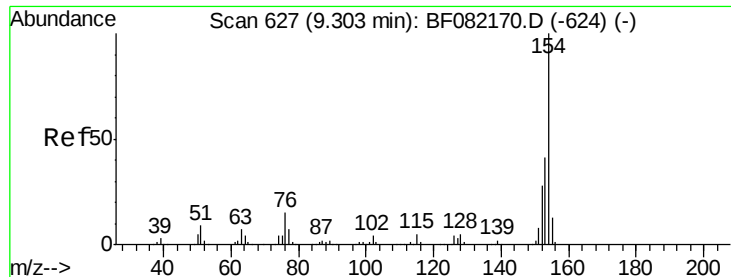
MMDadoda
 10/12/2015 2:35:31 PM



#44
 2-Fluorobiphenyl
 Concen: 100.53 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1222860		
171	36.5	28.6	42.8	
170	24.5	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 43.78 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tgt Ion:154 Resp: 673376
Ion Ratio Lower Upper

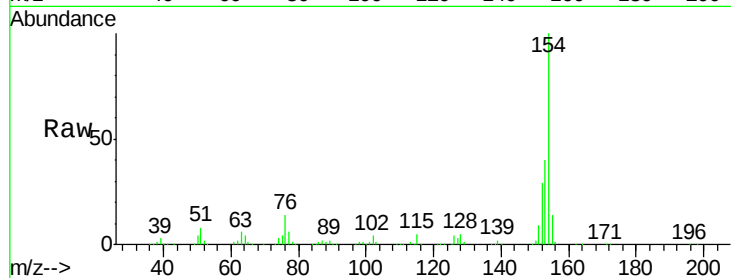
154 100

153 40.4 20.6 60.6

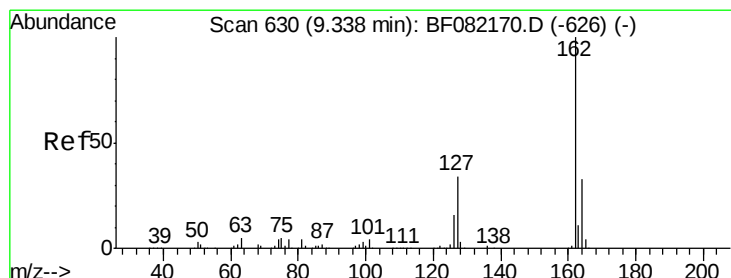
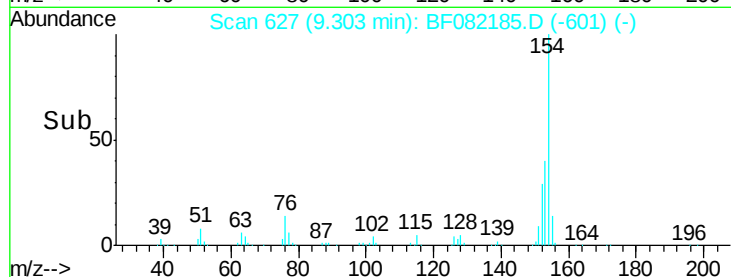
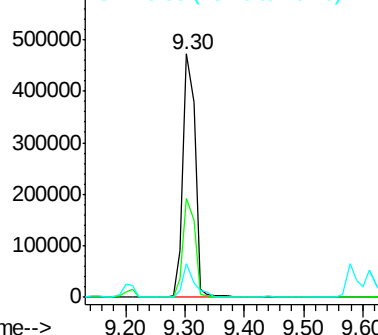
76 14.0 0.0 35.2

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



#46

2-Chloronaphthalene

Concen: 46.40 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF082185.D

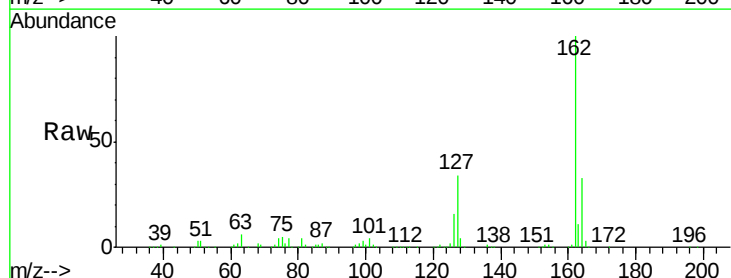
Acq: 10 Oct 2015 19:39

Tgt Ion:162 Resp: 561811
Ion Ratio Lower Upper

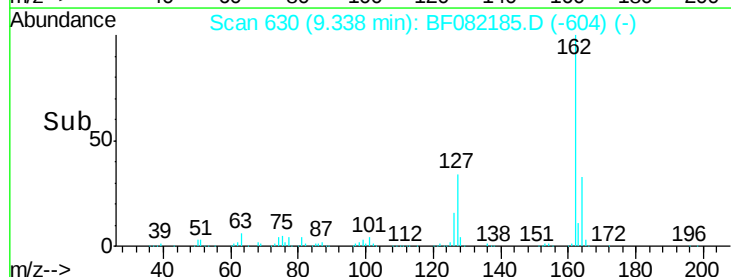
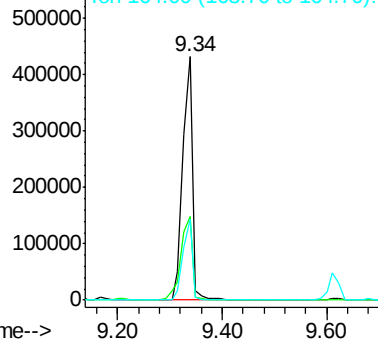
162 100

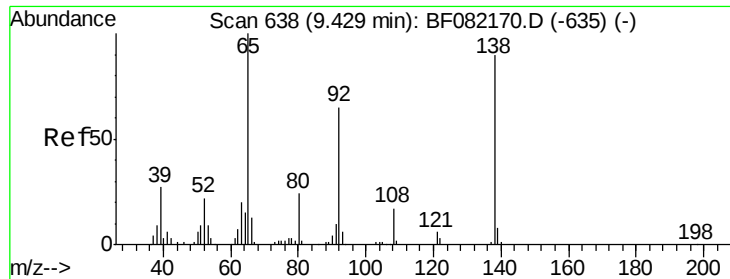
127 34.3 27.5 41.3

164 33.4 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





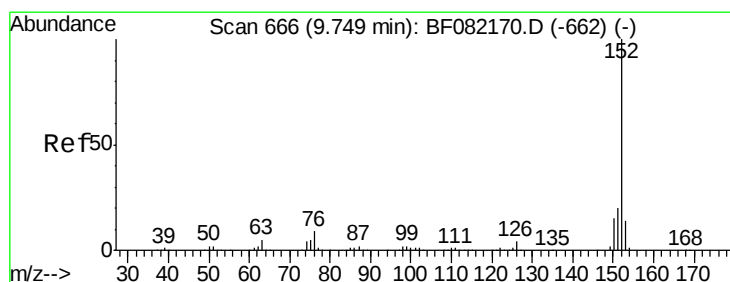
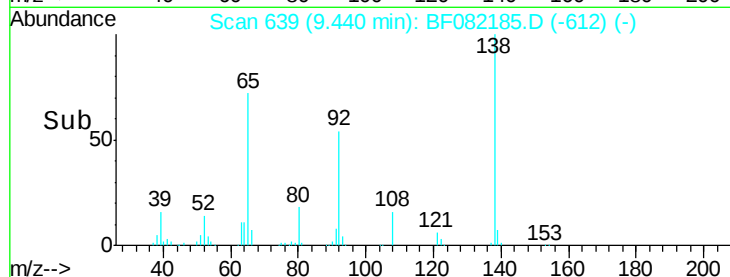
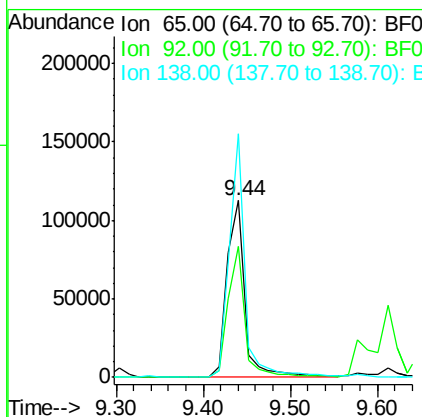
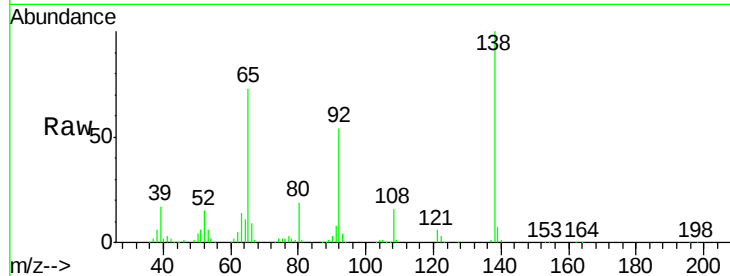
#47
2-Nitroaniline
Concen: 49.13 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	52.3	78.5
138	137.6	72.2	108.4

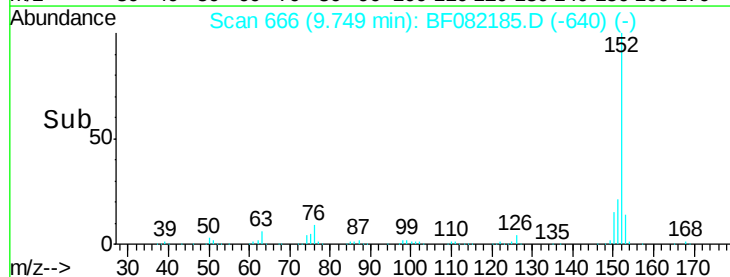
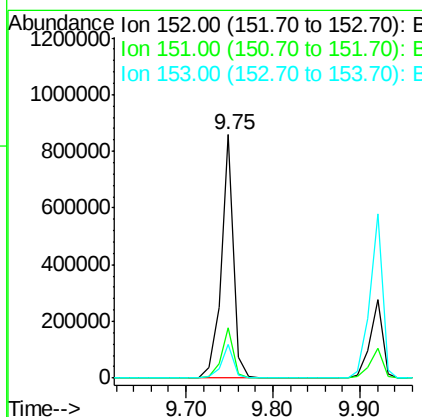
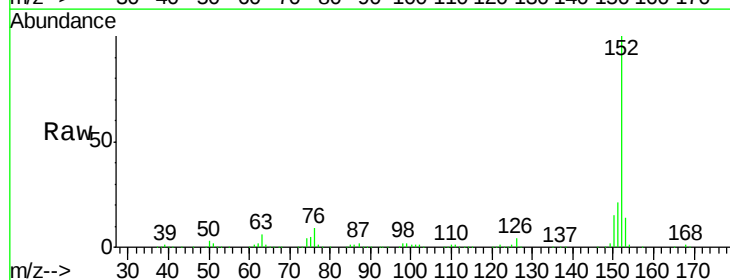
Manual Integrations
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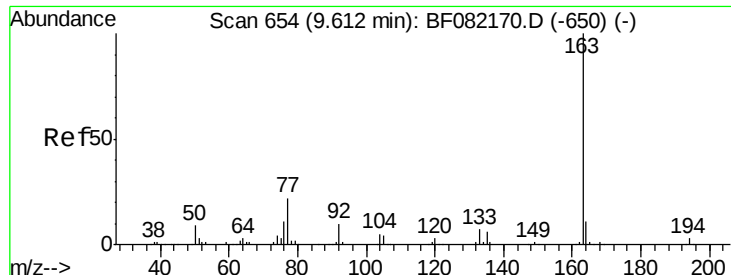
MMDadoda
10/12/2015 2:35:31 PM



#48
Acenaphthylene
Concen: 45.07 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.7	10.8	16.2





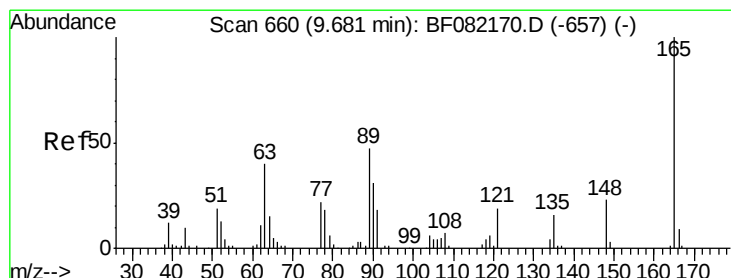
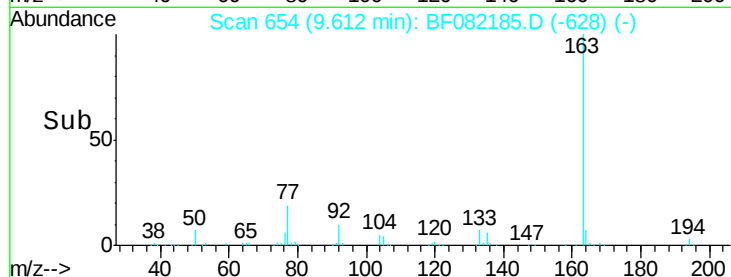
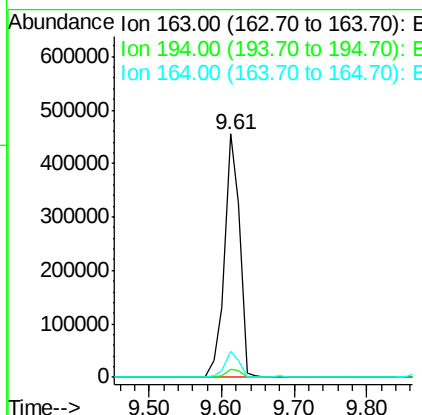
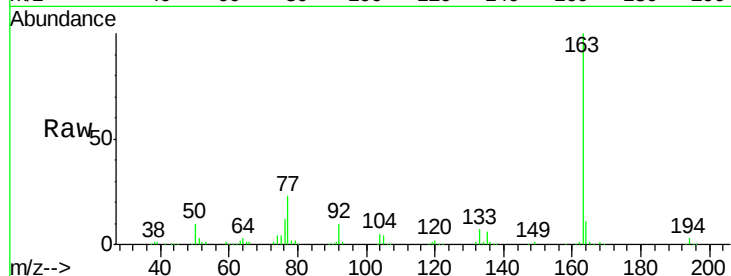
#49
Dimethylphthalate
Concen: 46.31 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	657847		
194	3.2		2.6	4.0
164	10.5		8.5	12.7

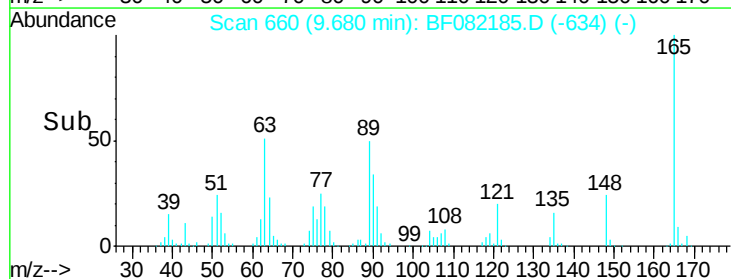
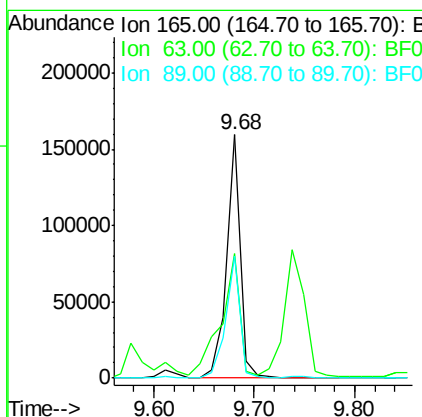
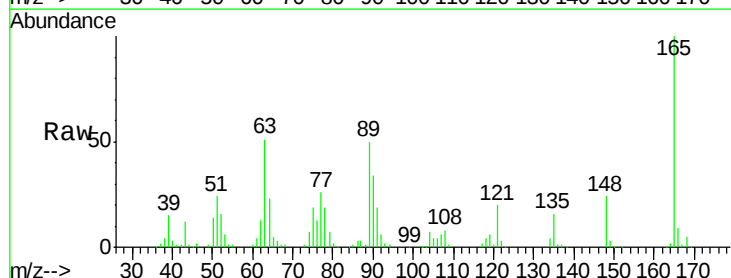
Manual Integrations
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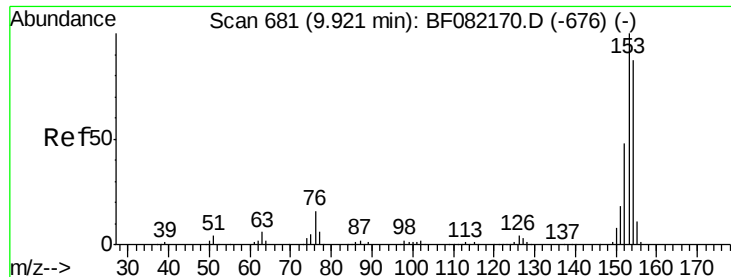
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 50.50 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151363		
63	51.4		36.7	55.1
89	50.2		37.8	56.6





#51

Acenaphthene

Concen: 45.28 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082185.D

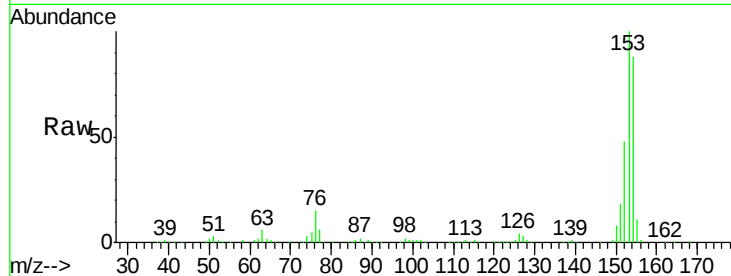
Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

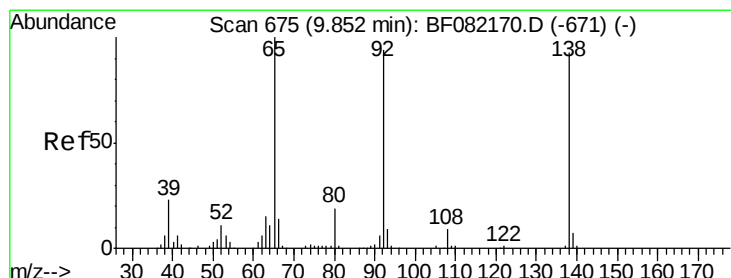
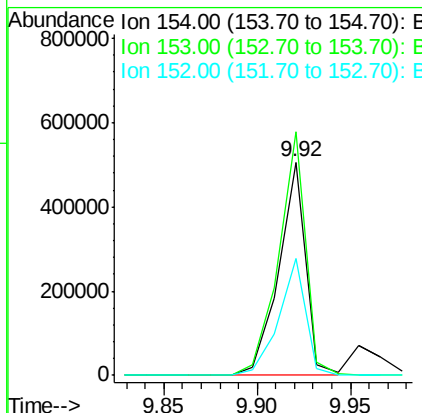
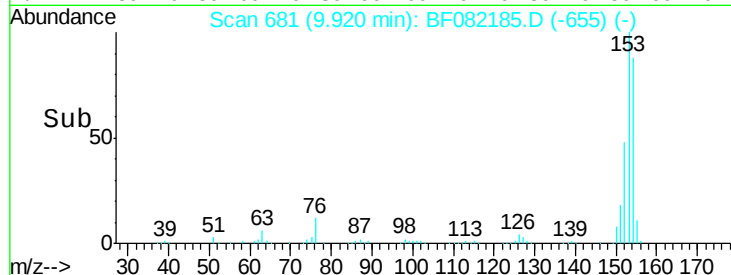
A13COMPMSD



Tgt Ion:	154	Resp:	512744
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.4	137.2
152	54.8	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 12.31 ng

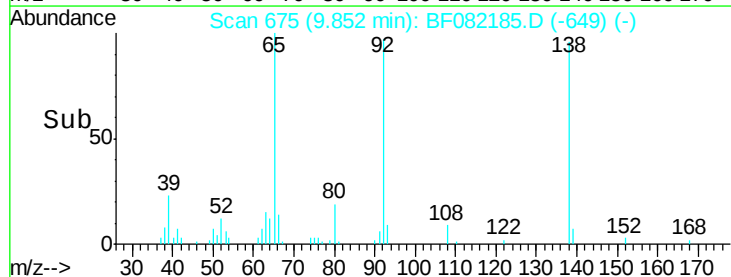
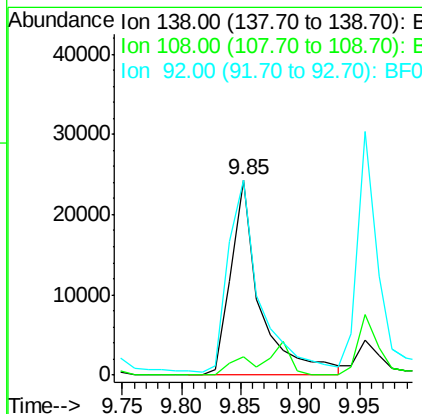
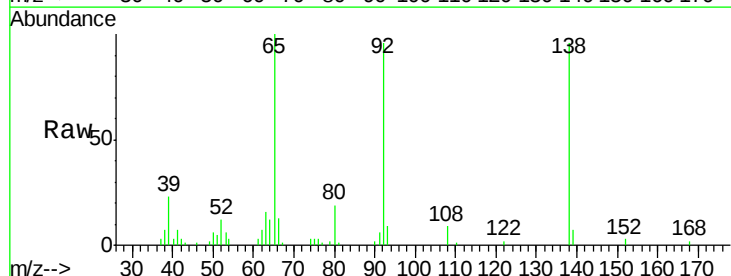
RT: 9.85 min Scan# 675

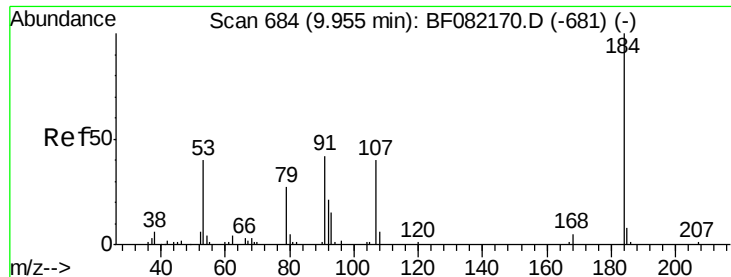
Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	138	Resp:	41690
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.4	11.0
92	100.2	81.3	121.9





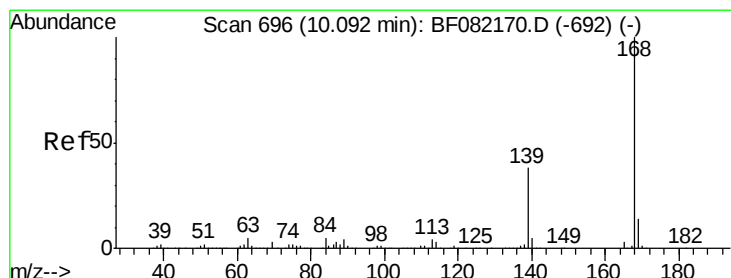
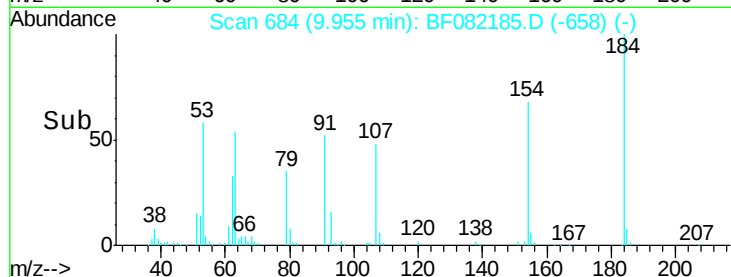
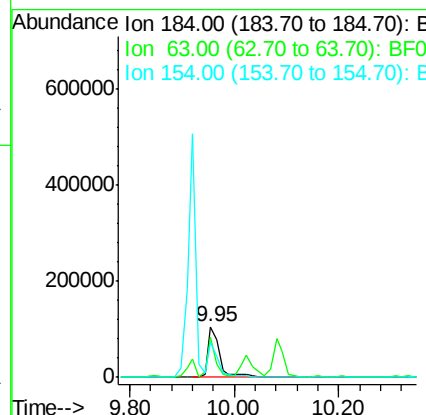
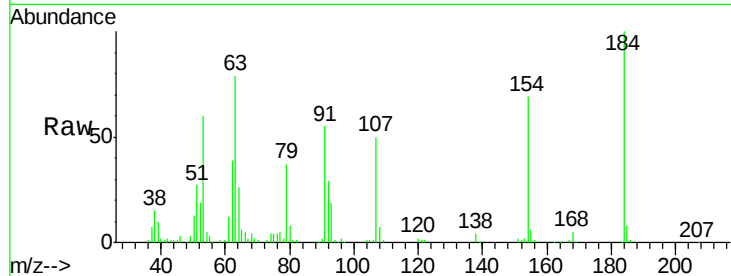
#53
2,4-Dinitrophenol
Concen: 97.52 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	165885		
63	79.5	45.1	67.7#	
154	68.6	51.2	76.8	

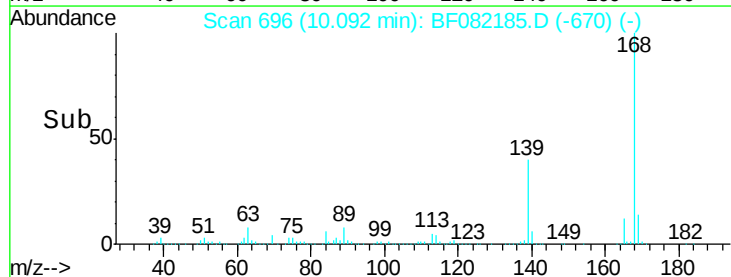
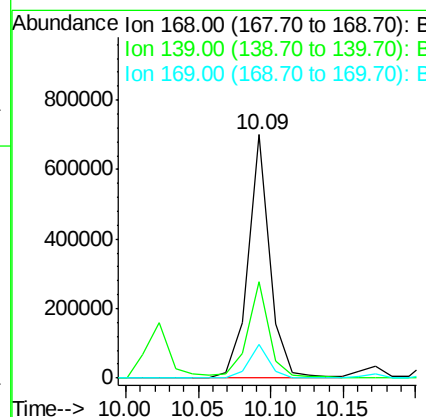
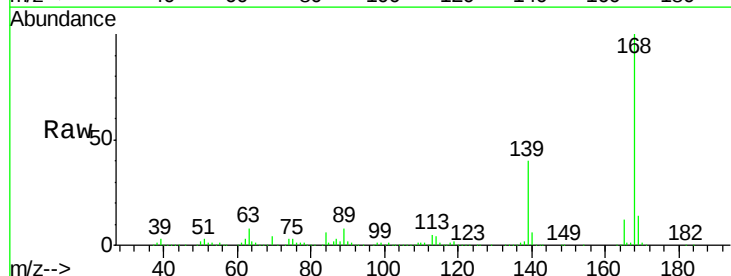
Manual Integrations
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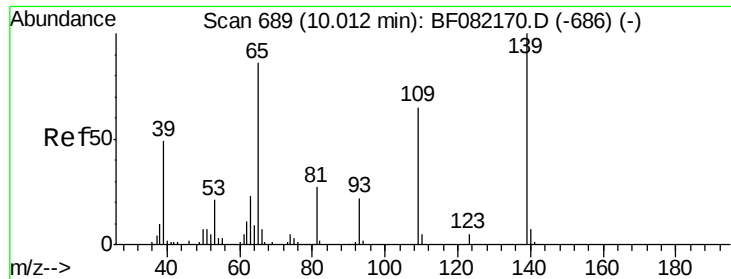
MMDadoda
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#54
Dibenzofuran
Concen: 46.88 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	728889		
139	39.8	31.0	46.6	
169	13.9	10.9	16.3	





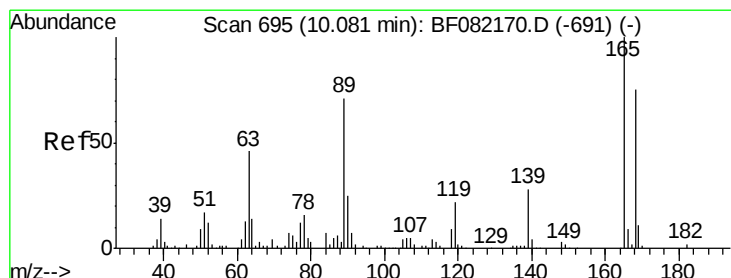
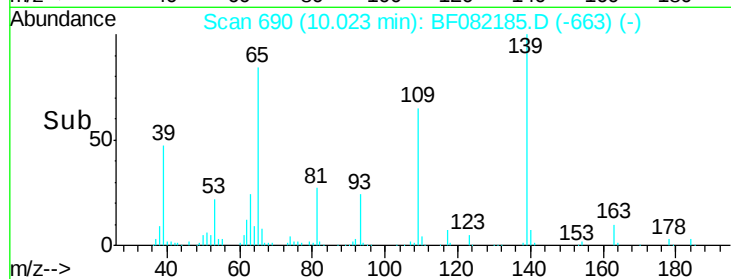
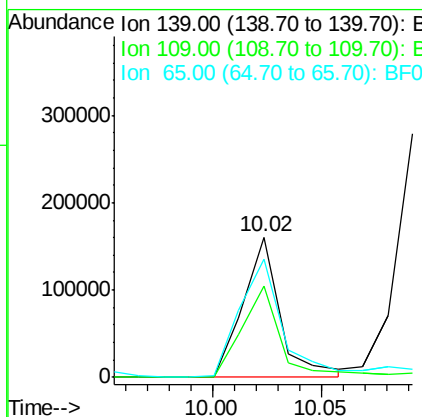
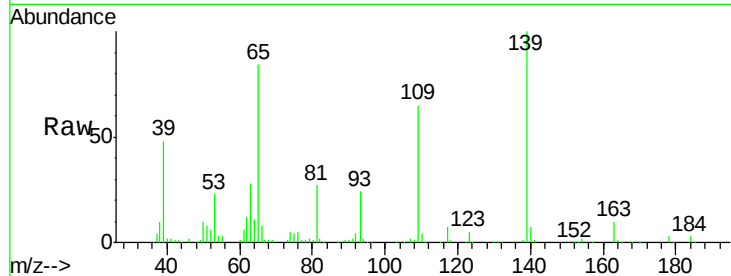
#55
4-Nitrophenol
Concen: 81.05 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	190637		
109	65.3	44.8	84.8	
65	84.5	67.7	107.7	

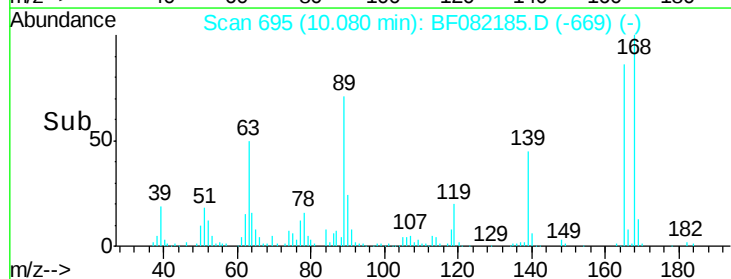
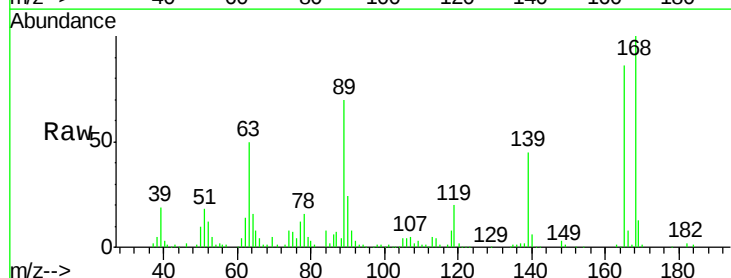
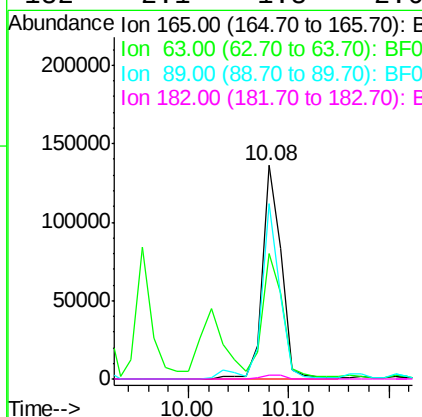
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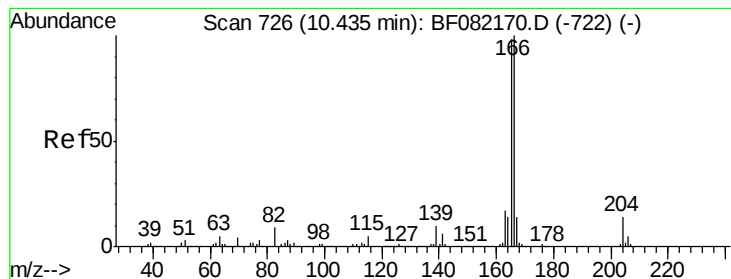
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 47.14 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176585		
63	58.5	38.6	58.0#	
89	81.9	57.0	85.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 45.82 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

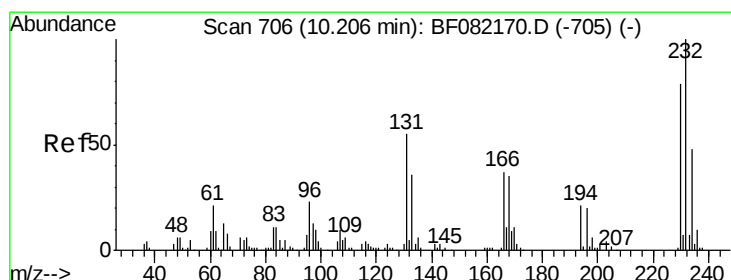
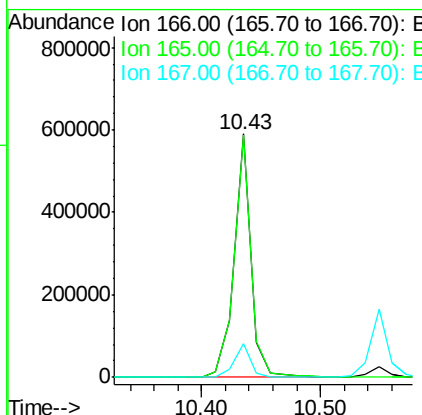
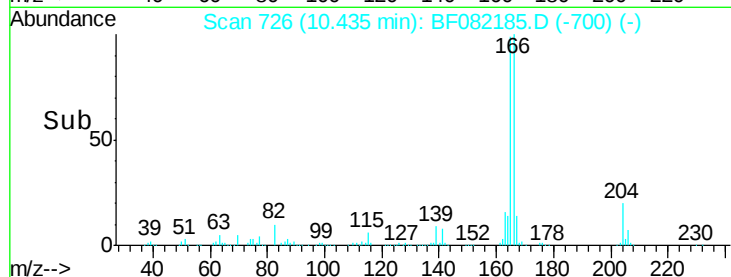
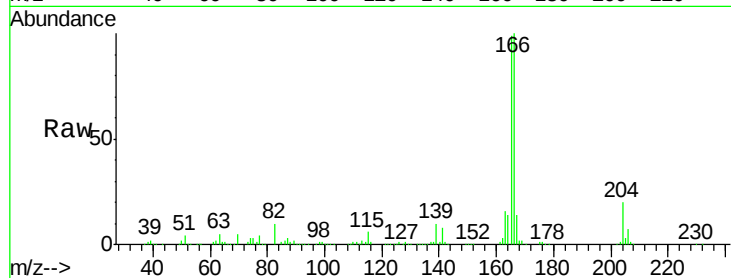
ClientSampleId :

A13COMPMSD

Tgt Ion:	166	Resp:	585082
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.3	117.5
167	14.0	10.8	16.2

Manual Integrations
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10/12/2015 2:35:31 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.47 ng

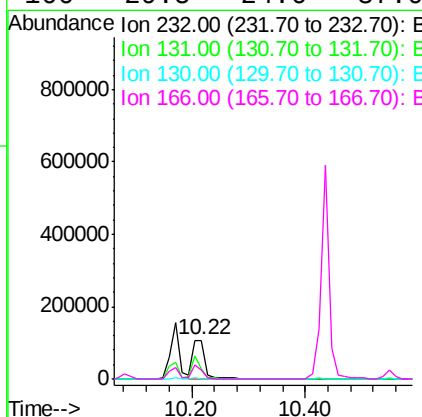
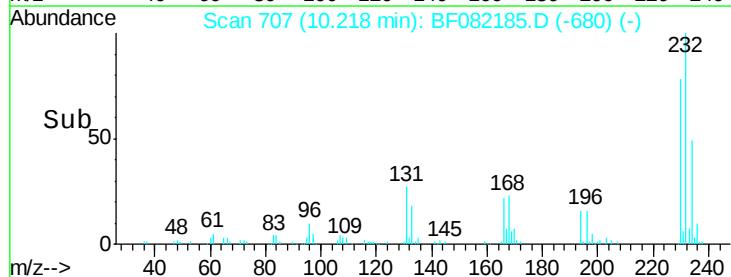
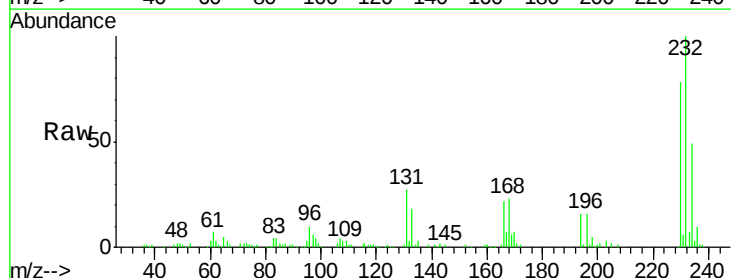
RT: 10.22 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	232	Resp:	167431
Ion Ratio	Lower	Upper	
232	100		
131	44.0	36.6	54.8
130	2.0	1.5	2.3
166	29.5	24.6	37.0





#59

Diethylphthalate

Concen: 46.61 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

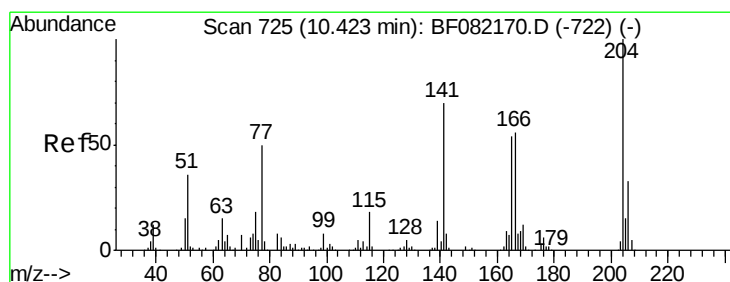
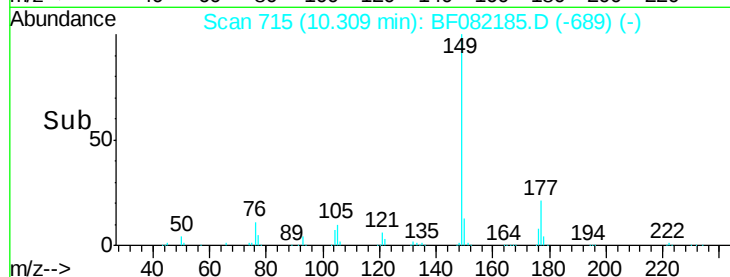
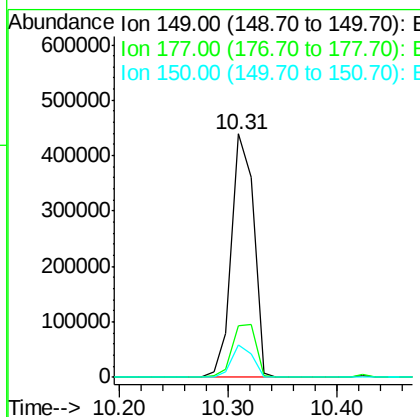
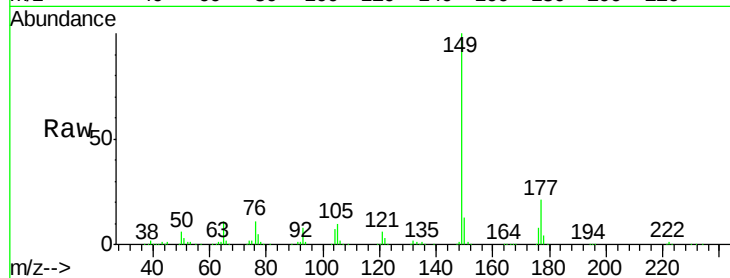
ClientSampleId :

A13COMPMSD

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:35:31 PM

Tgt Ion:	149	Resp:	617118
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.6	26.4
150	13.1	10.3	15.5



#60

4-Chlorophenyl-phenylether

Concen: 45.81 ng

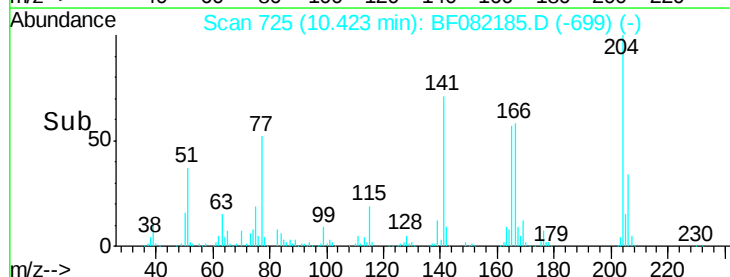
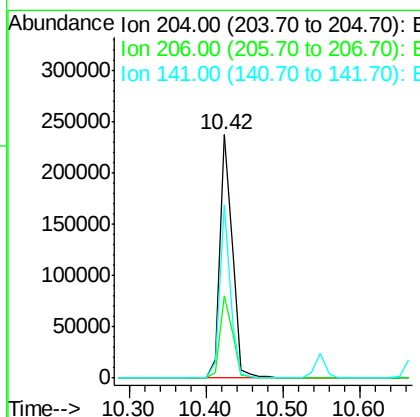
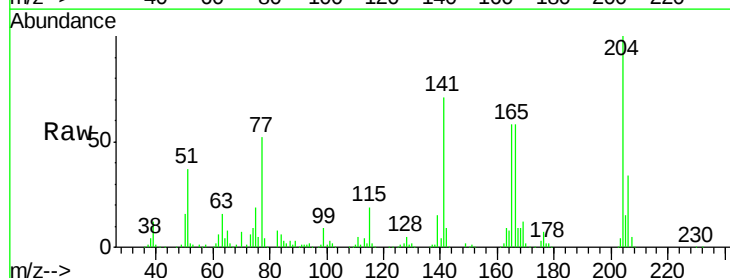
RT: 10.42 min Scan# 725

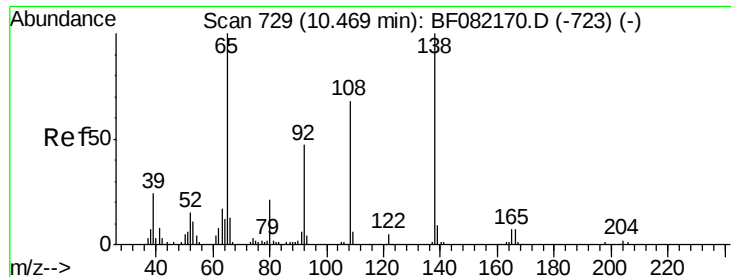
Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	204	Resp:	267970
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.8	40.2
141	70.9	56.1	84.1





#61

4-Nitroaniline

Concen: 38.45 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

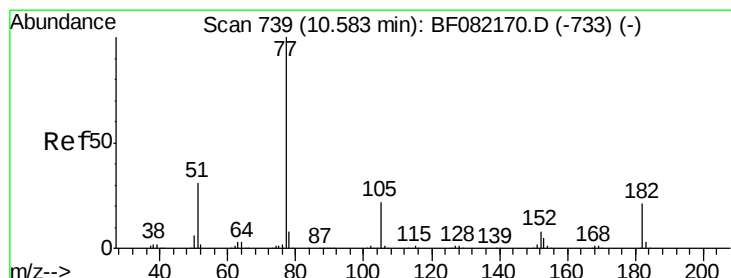
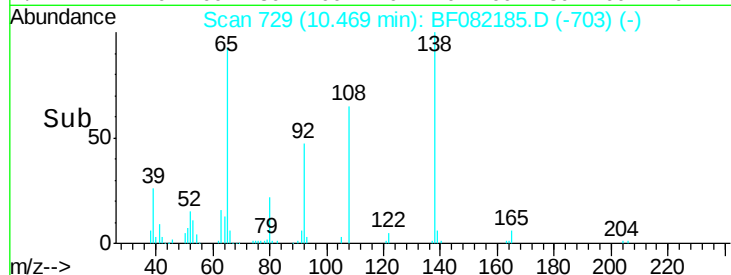
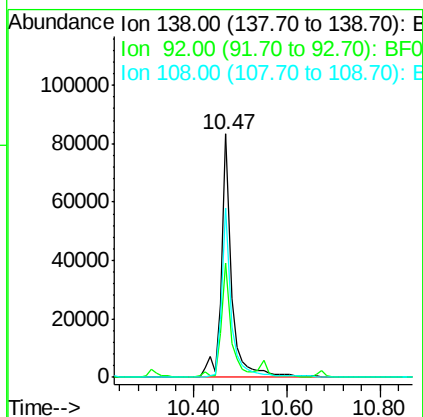
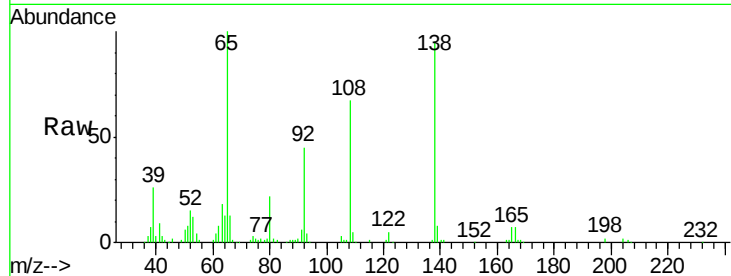
ClientSampleId :

A13COMPMSD

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Tgt Ion:	138	Resp:	126255
Ion Ratio	Lower	Upper	
138	100		
92	46.9	26.8	66.8
108	69.7	48.4	88.4



#62

Azobenzene

Concen: 46.06 ng

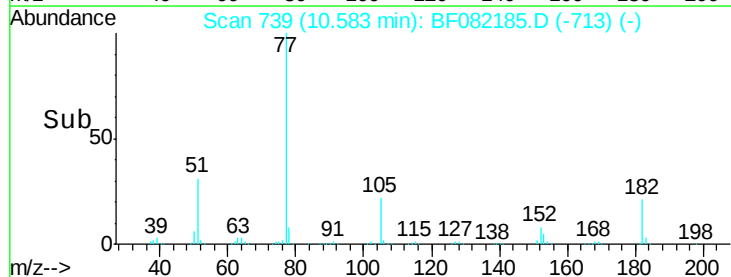
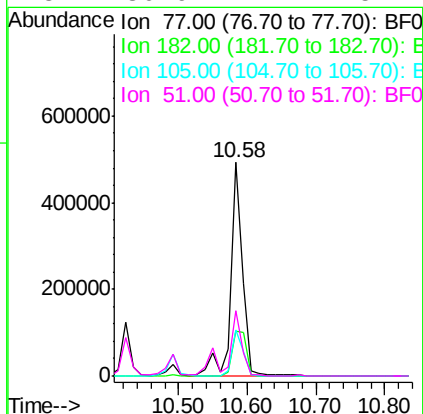
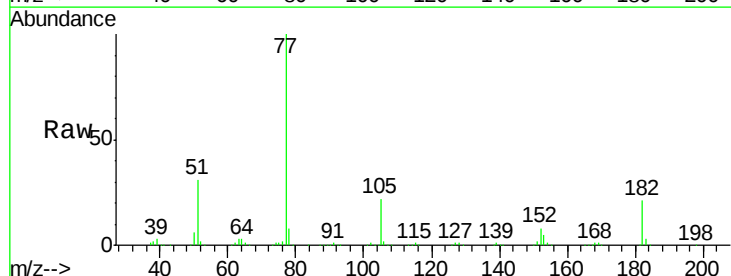
RT: 10.58 min Scan# 739

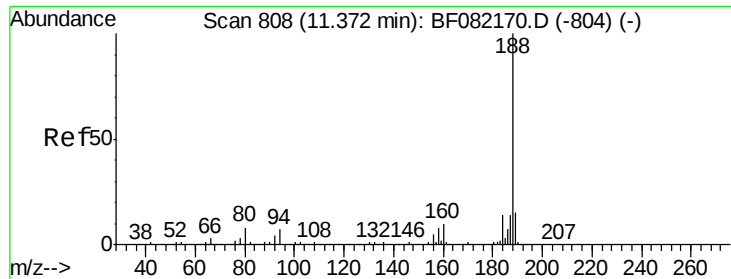
Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	77	Resp:	596841
Ion Ratio	Lower	Upper	
77	100		
182	21.0	0.5	40.5
105	21.9	1.8	41.8
51	30.9	11.2	51.2





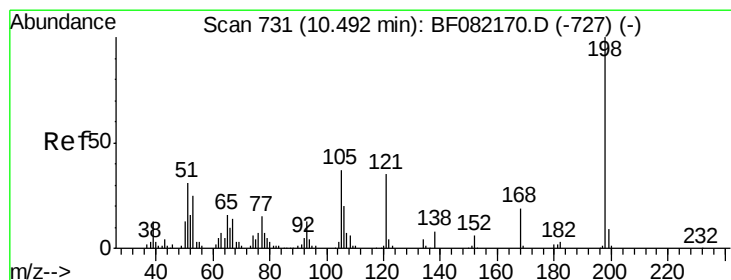
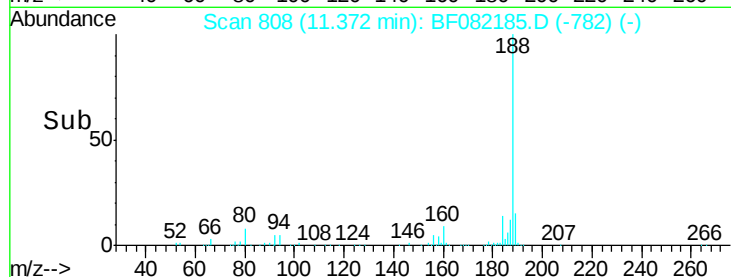
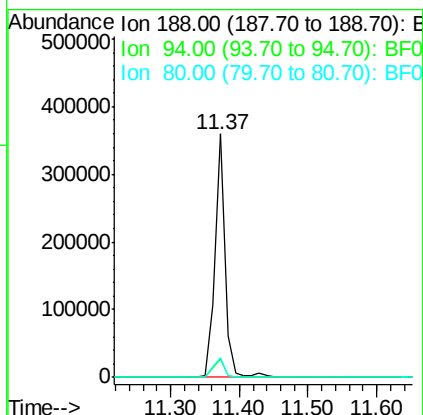
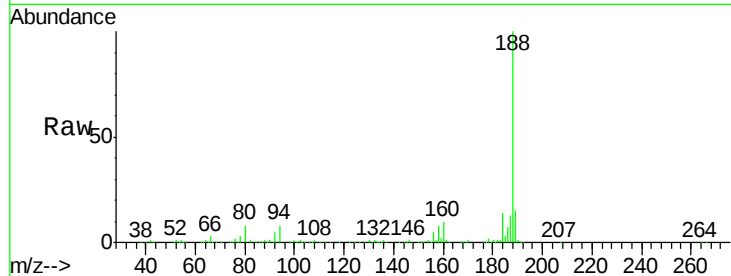
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	380359		
94	7.7		5.8	8.6
80	8.1		6.4	9.6

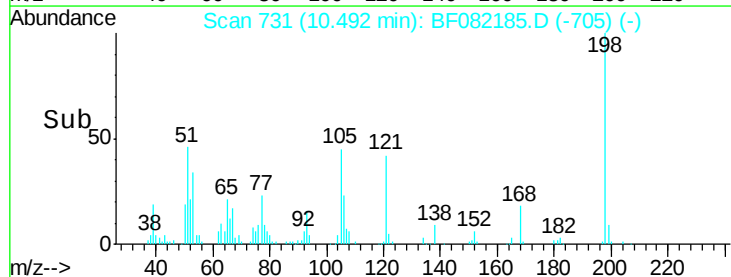
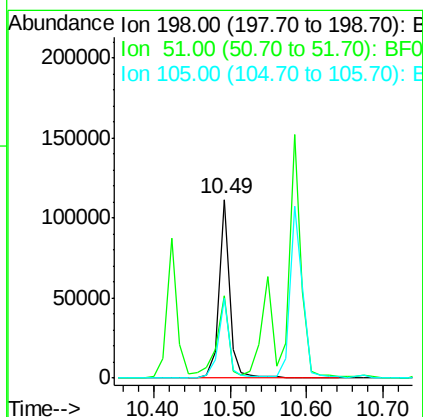
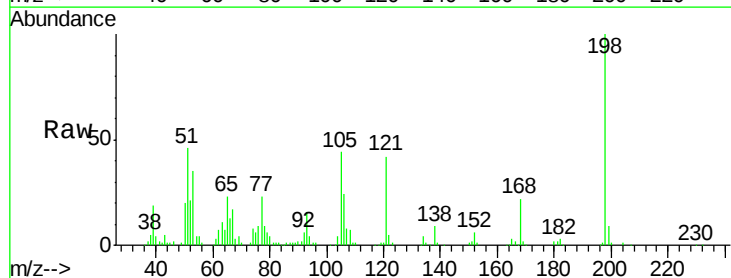
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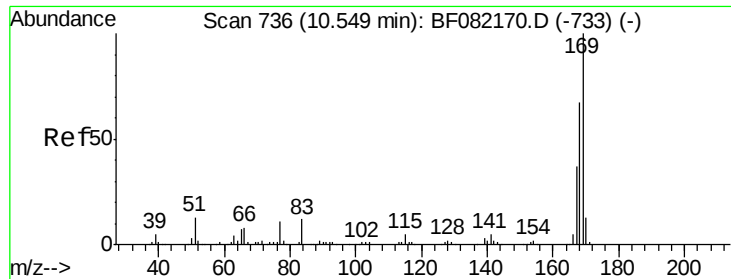
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.96 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108773		
51	46.2		13.6	53.6
105	44.3		17.1	57.1





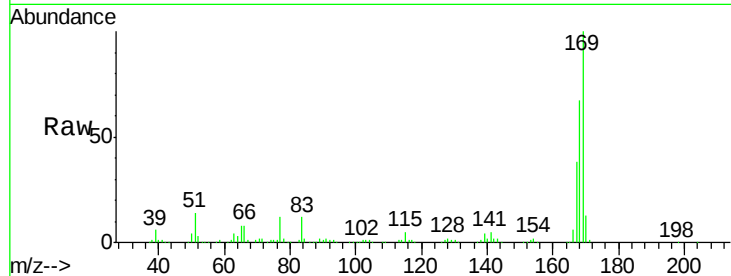
#65
n-Nitrosodiphenylamine
Concen: 40.39 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

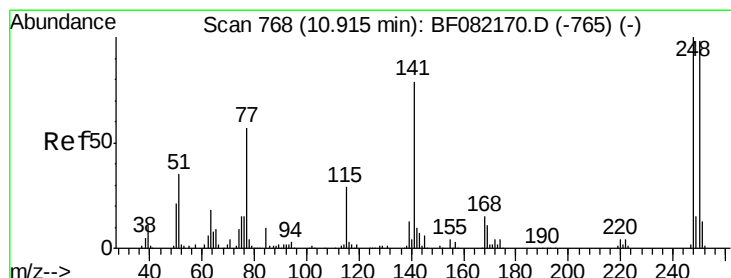
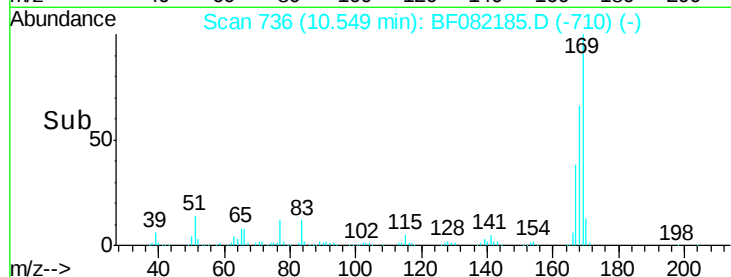
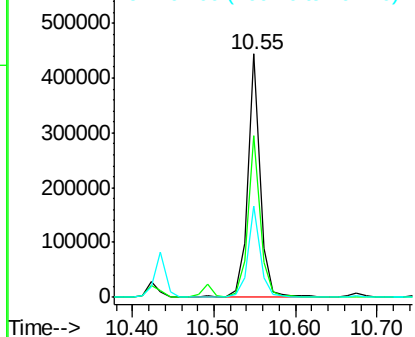
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	459993		
168	66.6	54.0	81.0	
167	37.5	29.6	44.4	

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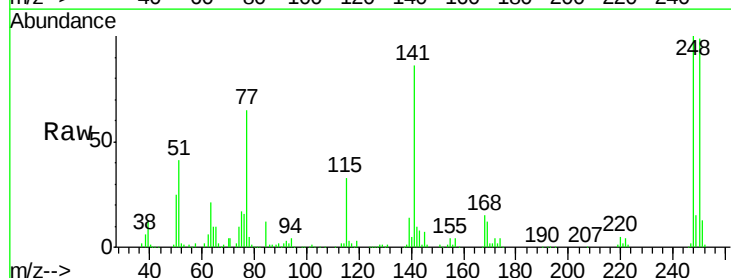


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

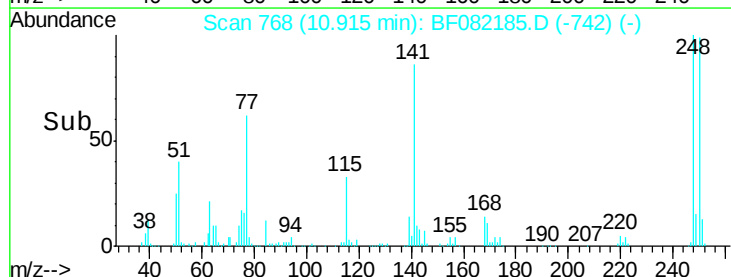
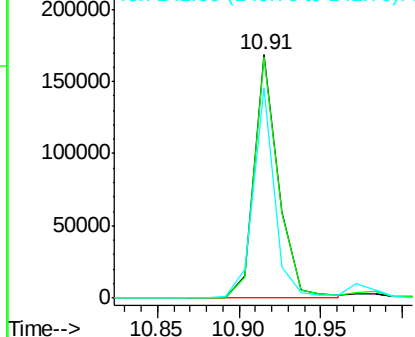


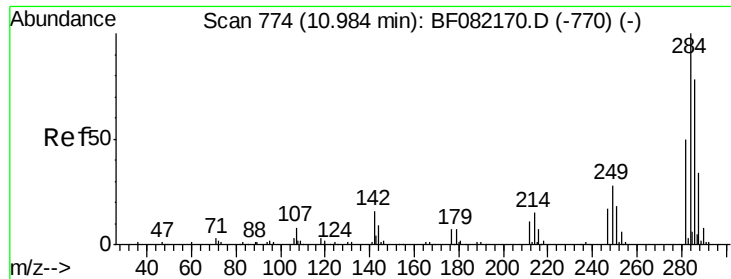
#66
4-Bromophenyl-phenylether
Concen: 45.79 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174311		
250	99.1	78.6	117.8	
141	86.2	63.3	94.9	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





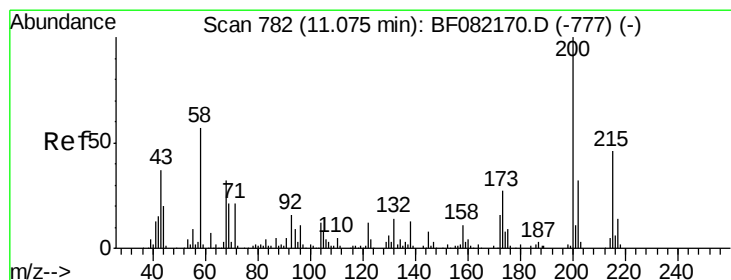
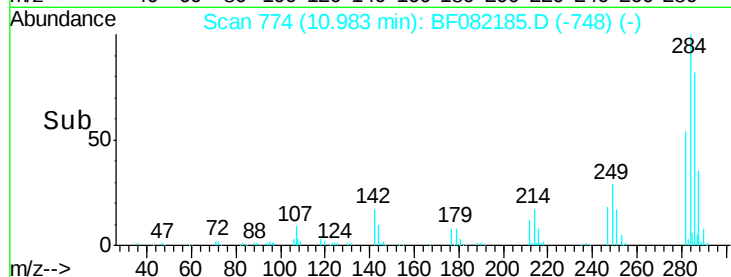
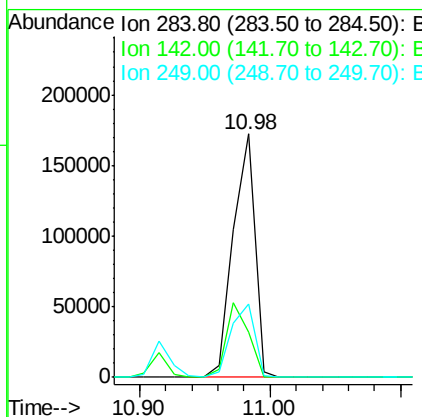
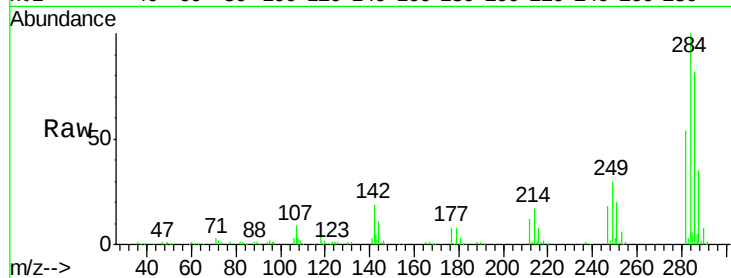
#67
Hexachlorobenzene
Concen: 48.41 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.7	13.0	19.6
249	30.4	22.5	33.7

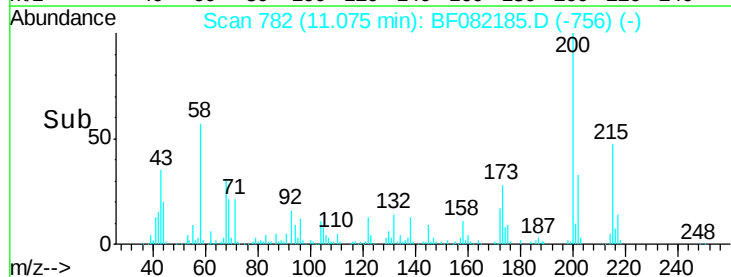
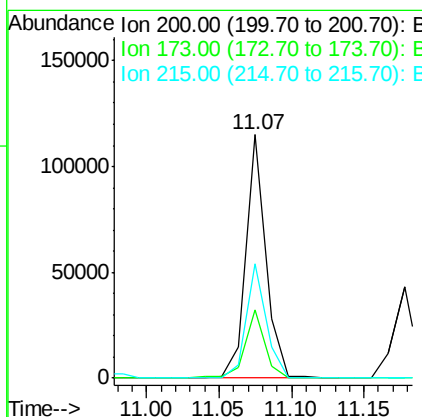
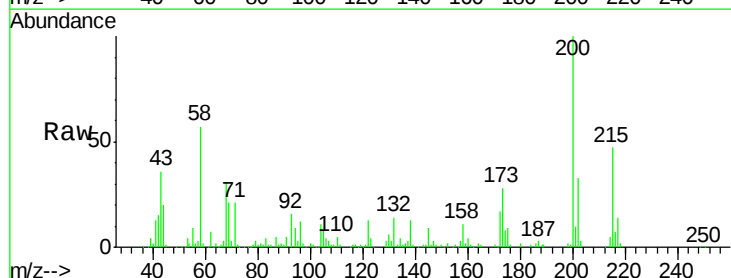
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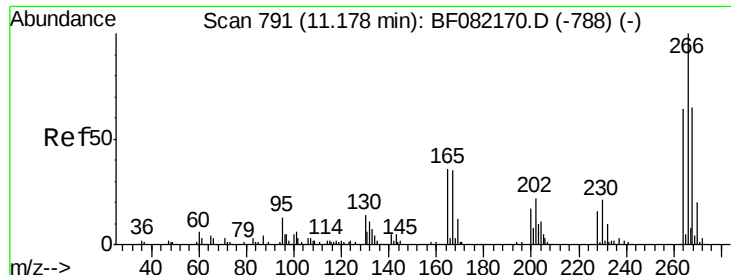
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#68
Atrazine
Concen: 30.47 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	7.3	47.3
215	47.1	26.2	66.2





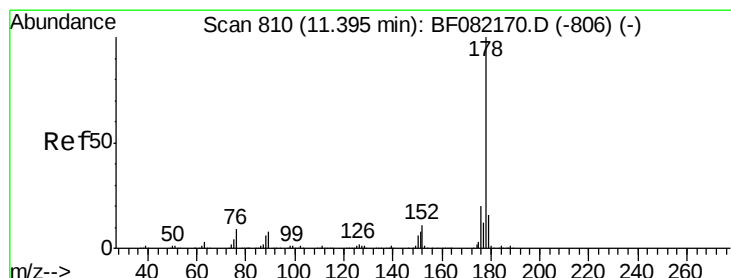
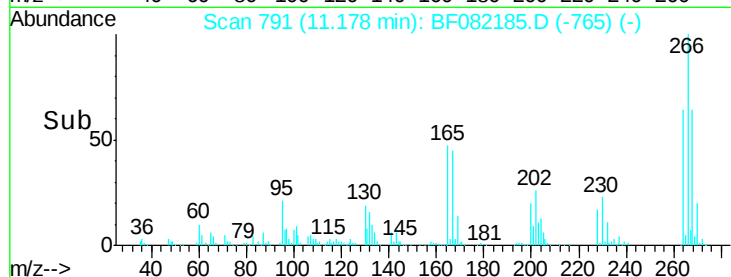
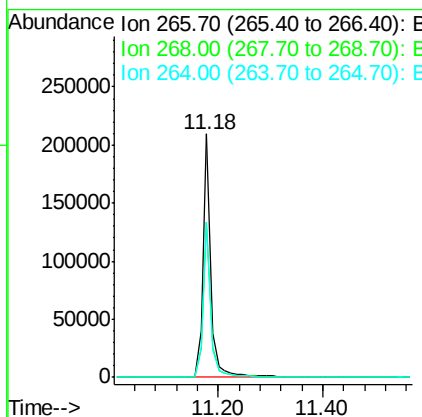
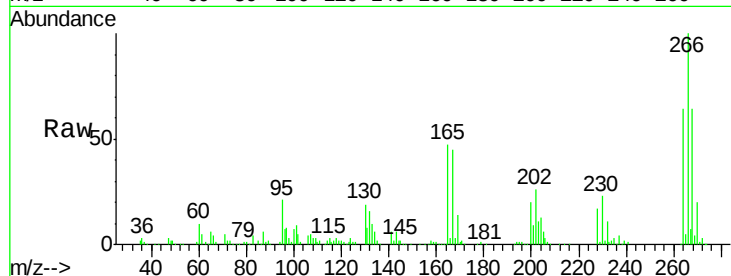
#69
 Pentachlorophenol
 Concen: 104.62 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	221635		
268	63.7	52.0	78.0	
264	64.0	51.4	77.0	

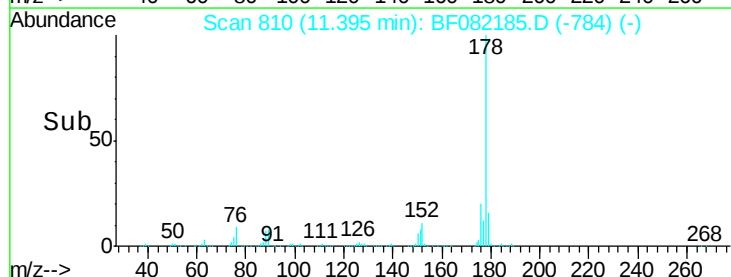
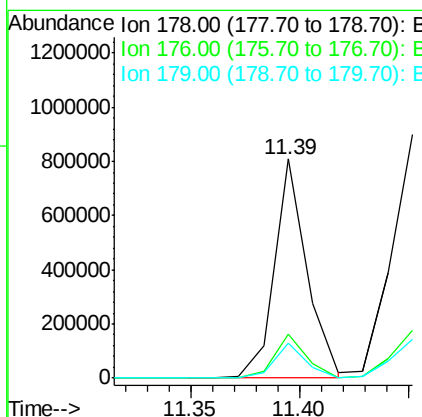
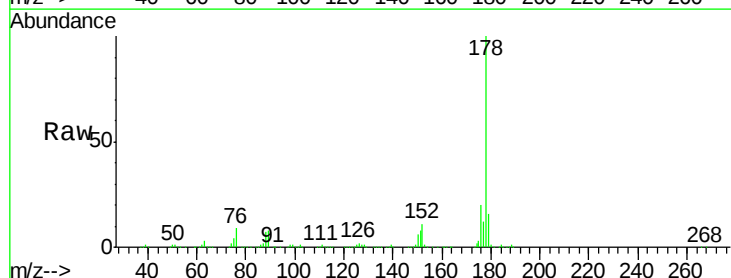
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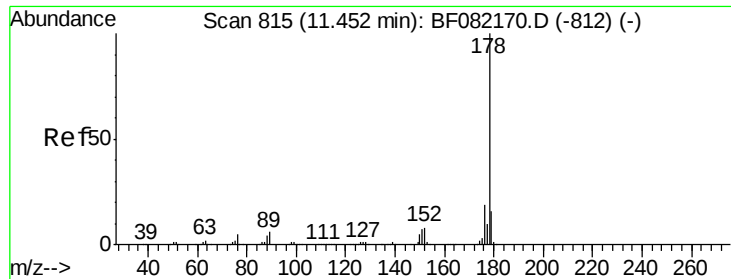
MMDadoda
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#70
 Phenanthrene
 Concen: 45.23 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	843254		
176	20.2	16.0	24.0	
179	15.9	12.6	19.0	





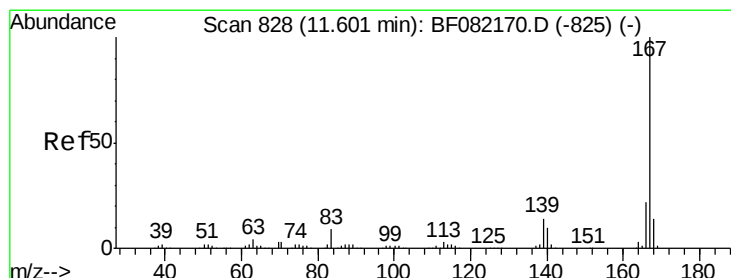
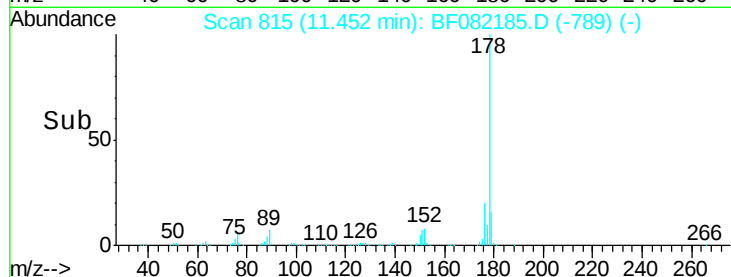
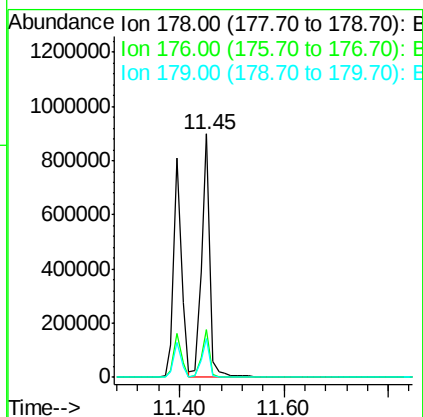
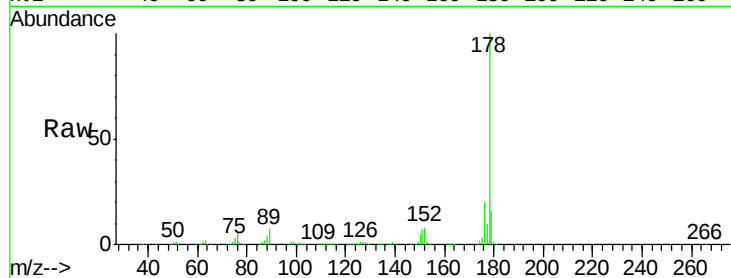
#71
 Anthracene
 Concen: 51.47 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.8	12.5	18.7

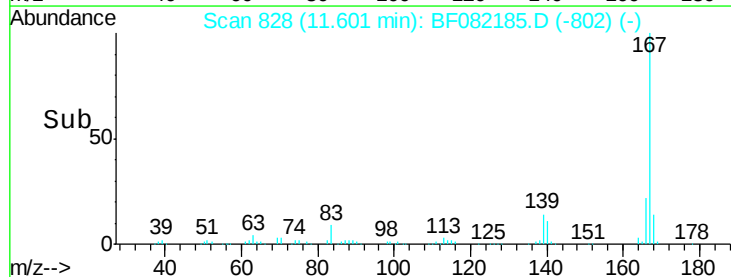
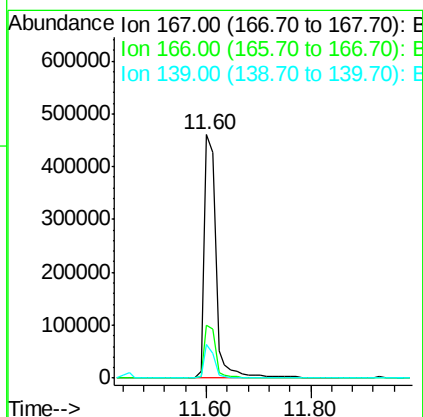
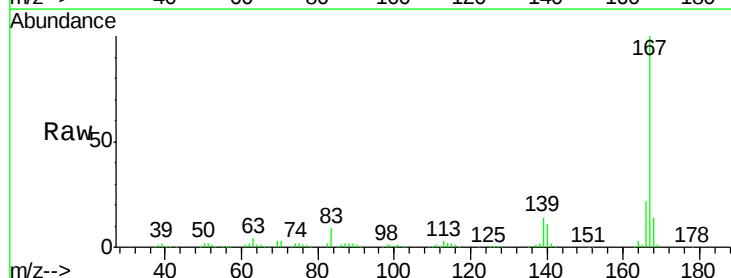
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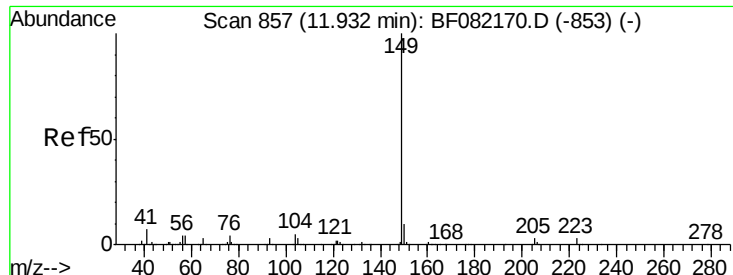
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 10/12/2015 2:35:31 PM



#72
 Carbazole
 Concen: 41.34 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 46.57 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tgt Ion:149 Resp: 1006890

Ion Ratio Lower Upper

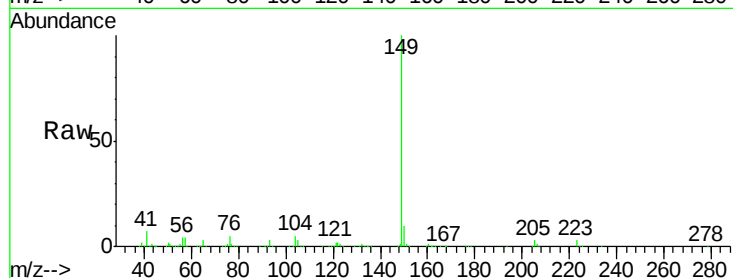
149 100

150 9.6 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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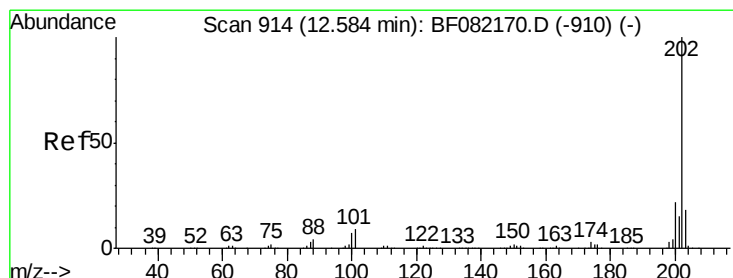
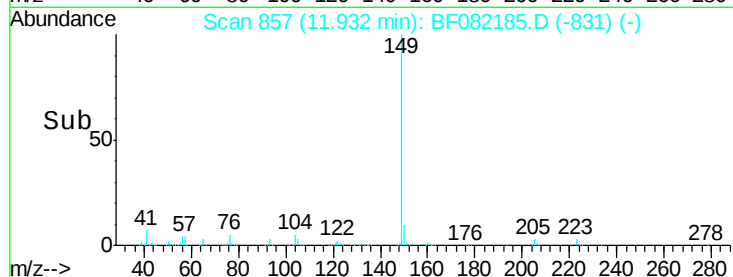
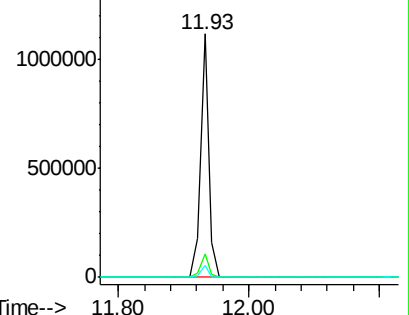
MMDadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.98 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

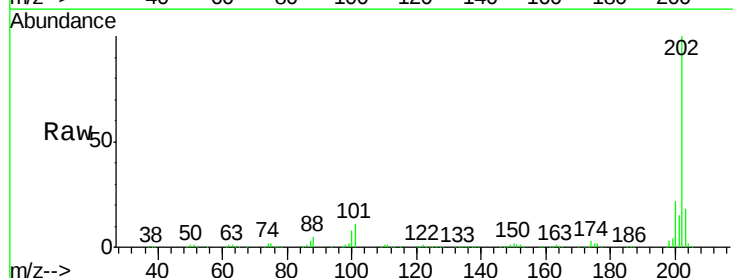
Tgt Ion:202 Resp: 920714

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

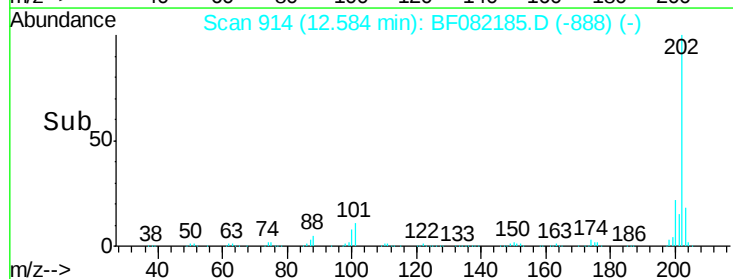
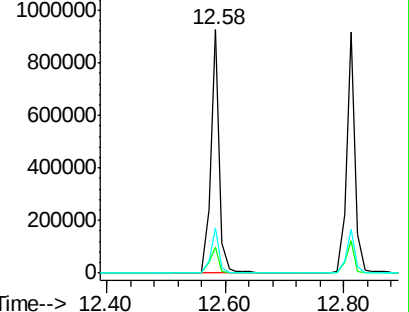
203 18.5 0.0 37.8

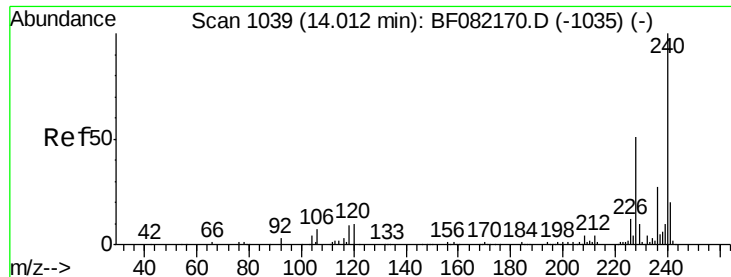


Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





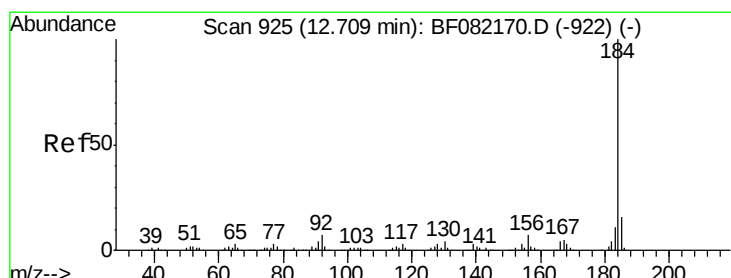
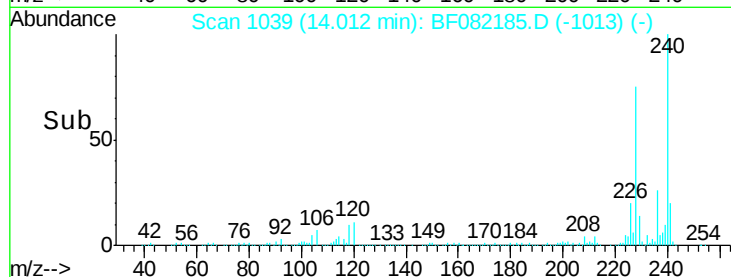
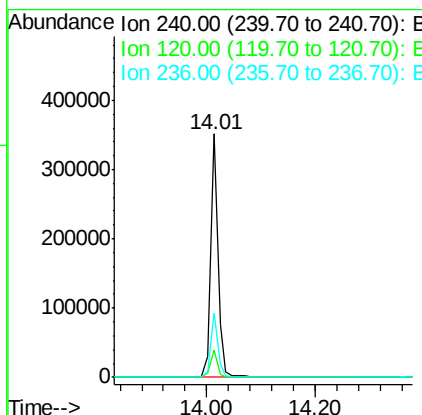
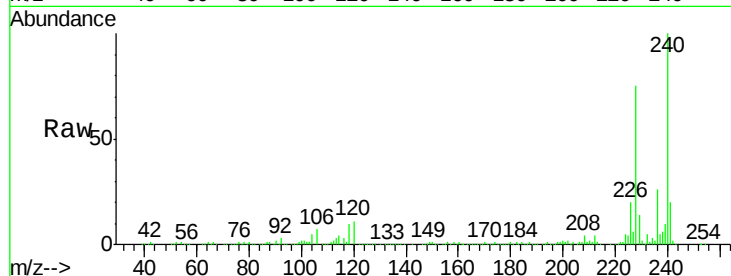
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331545		
120	11.1	8.1	12.1	
236	26.3	21.3	31.9	

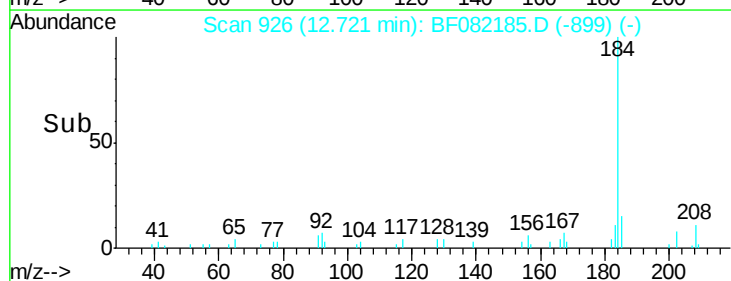
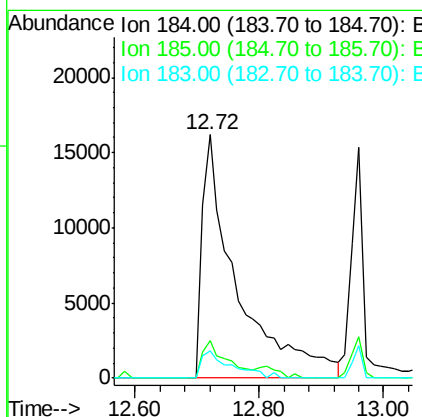
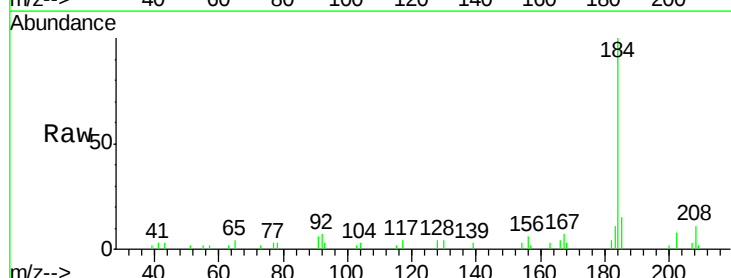
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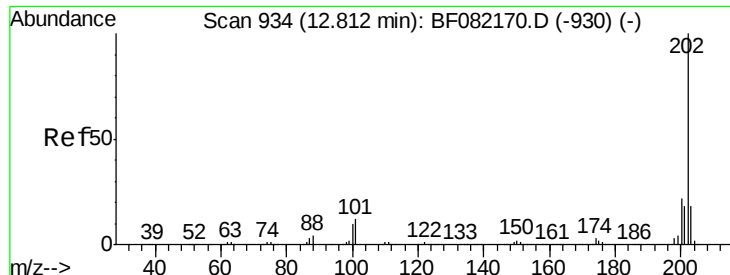
MMDadoda
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#76
Benzidine
Concen: 6.54 ng
RT: 12.72 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	62798		
185	15.2	12.5	18.7	
183	11.0	9.1	13.7	





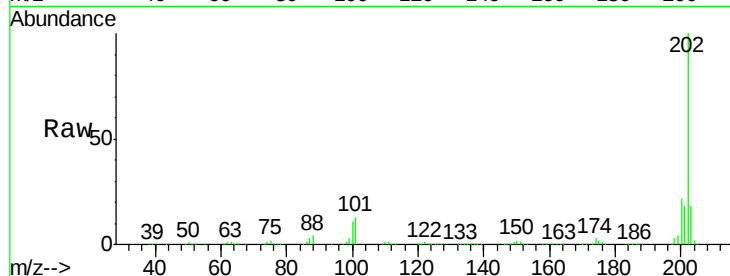
#77
 Pyrene
 Concen: 46.18 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.3	17.9	26.9
203	18.3	14.5	21.7

Manual Integrations
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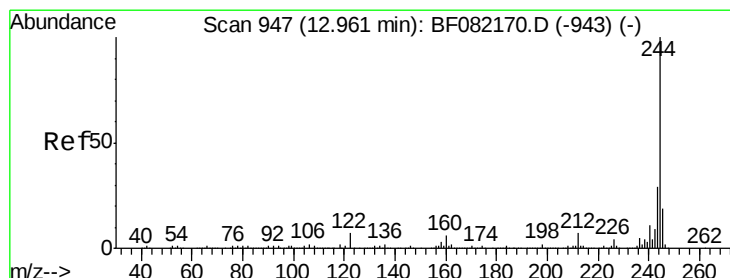
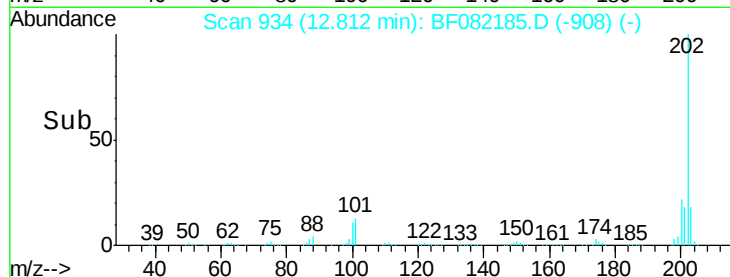
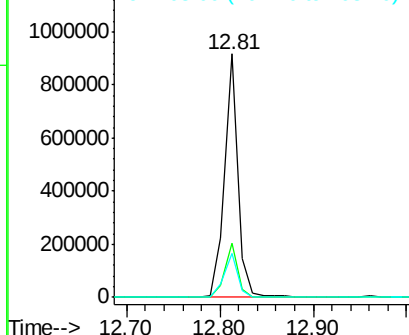


Abundance

Ion 202.00 (201.70 to 202.70): E

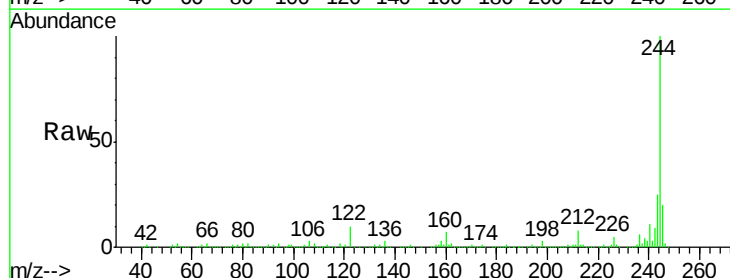
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 97.63 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	5.8	8.6
122	9.6	5.9	8.9#

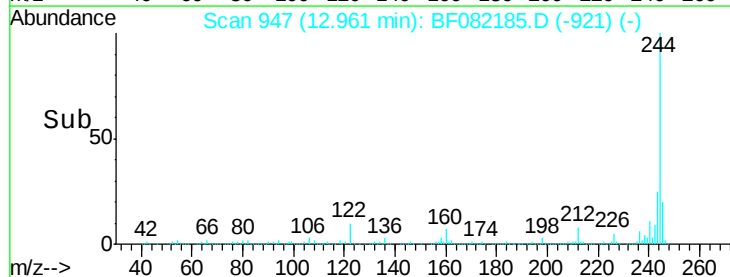
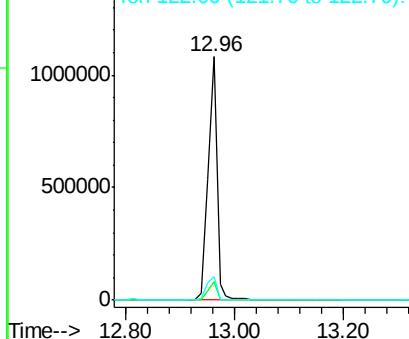


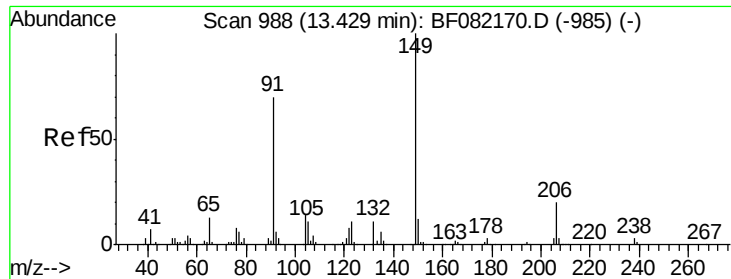
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

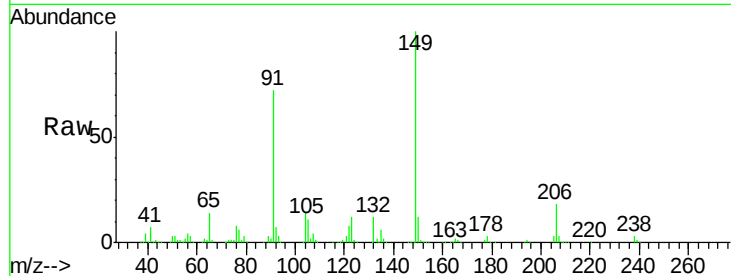
Ion 122.00 (121.70 to 122.70): E





#79
Butylbenzylphthalate
Concen: 46.77 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

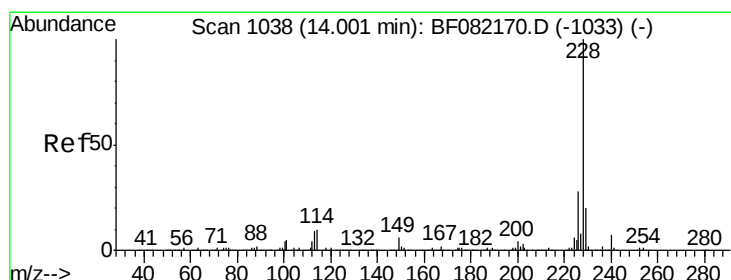
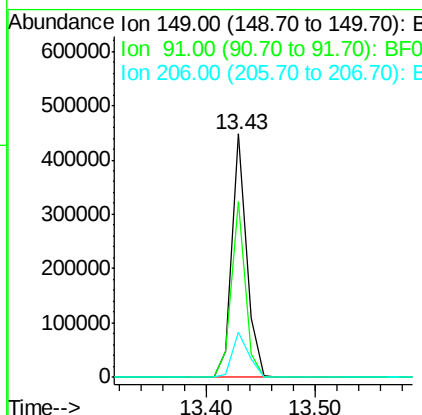
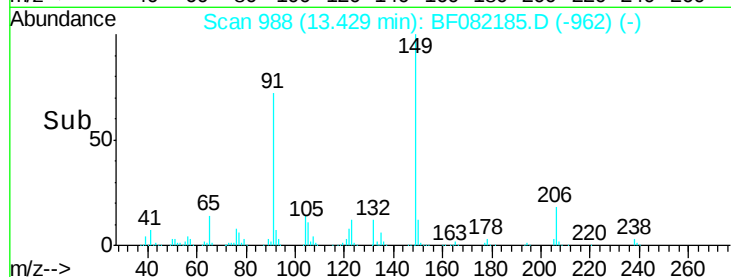
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419930		
91	72.2	55.7	83.5	
206	18.4	15.6	23.4	

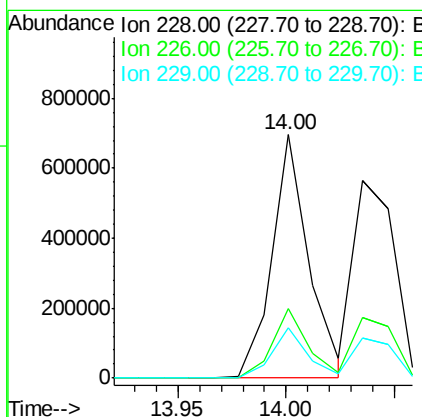
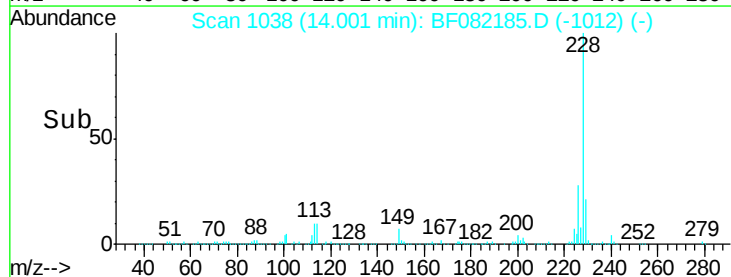
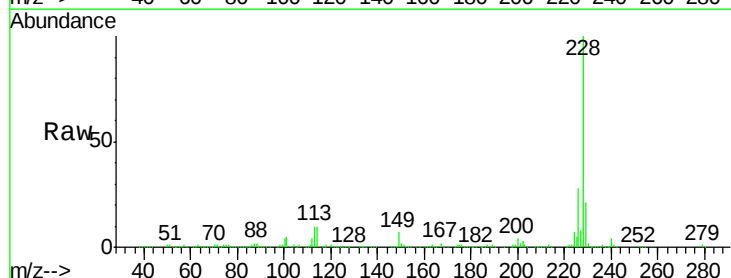
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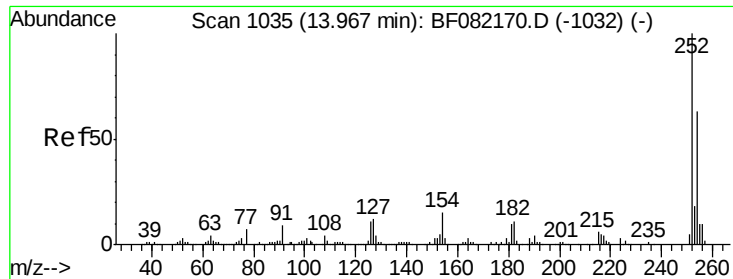
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#80
Benzo(a)anthracene
Concen: 47.70 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	822809		
226	28.4	22.3	33.5	
229	20.6	16.2	24.2	





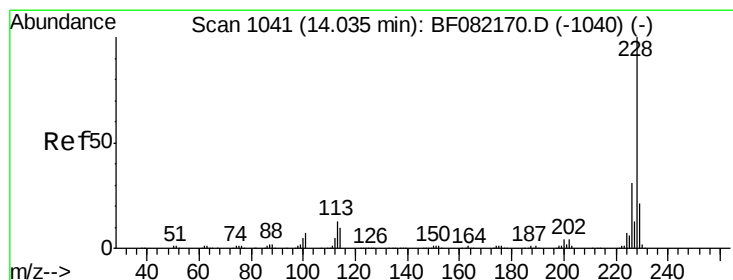
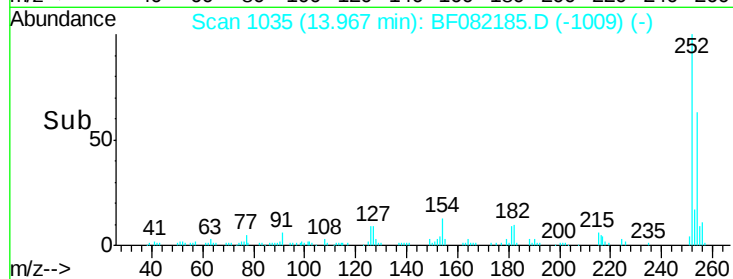
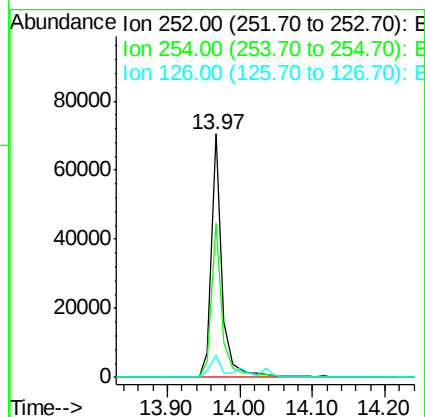
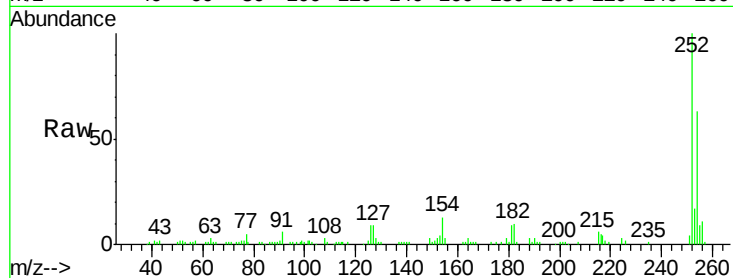
#81
 3,3'-Dichlorobenzidine
 Concen: 11.23 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	50.7	76.1
126	9.2	9.0	13.6

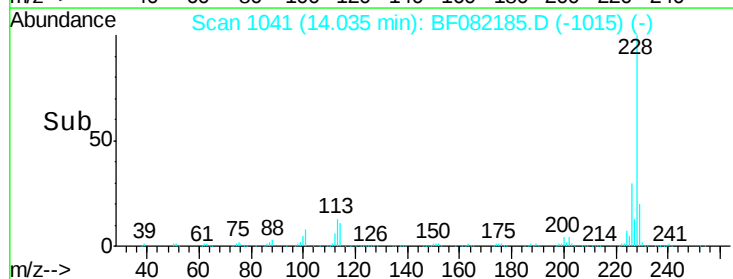
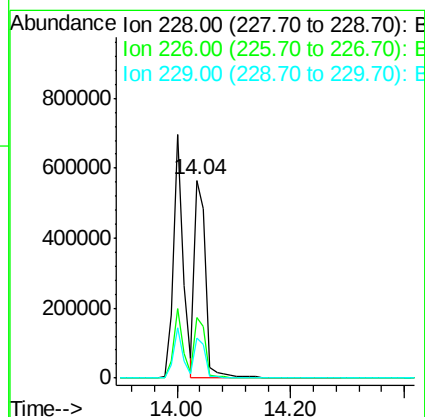
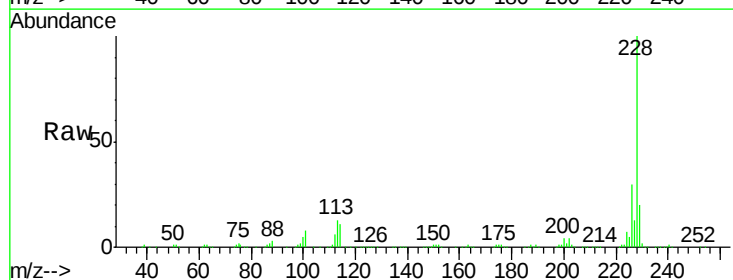
Manual Integrations
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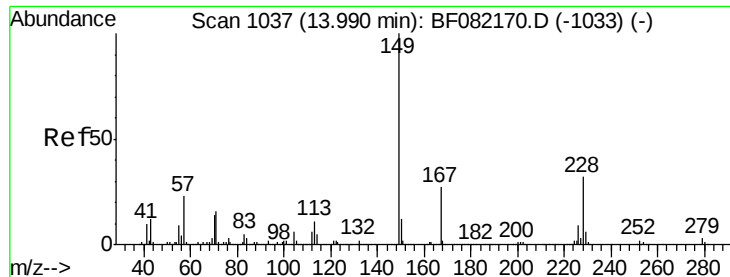
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#82
 Chrysene
 Concen: 43.30 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.4	36.6
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.30 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

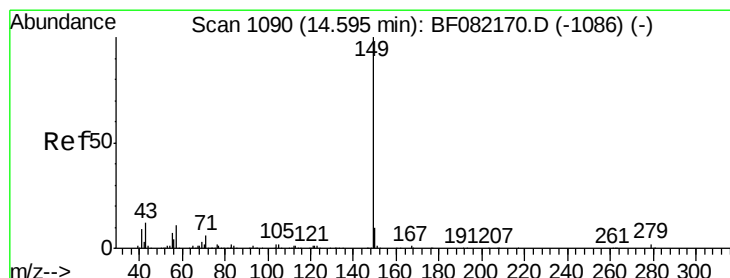
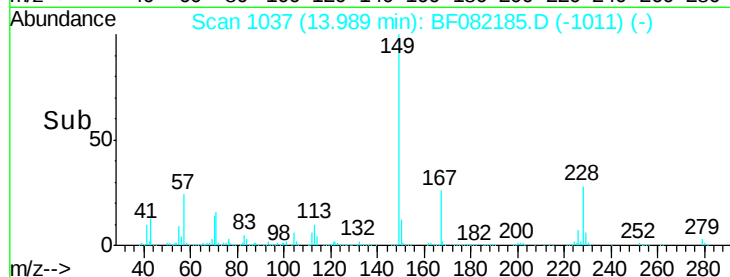
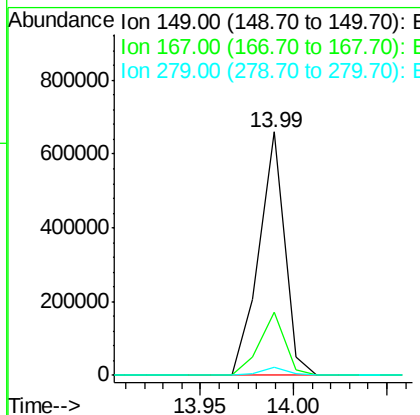
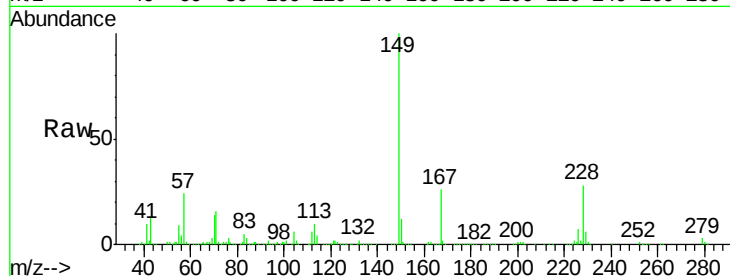
ClientSampleId :

A13COMPMSD

Tgt Ion:	149	Resp:	631587
Ion Ratio		Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.2	2.6	4.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.55 ng

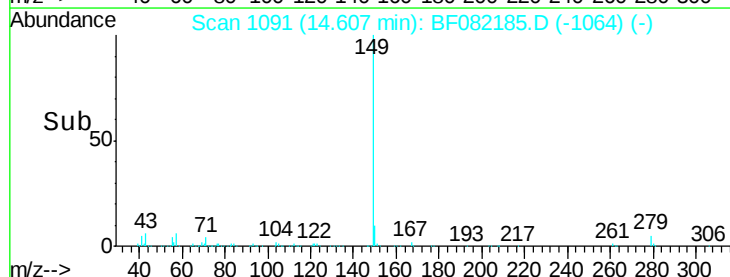
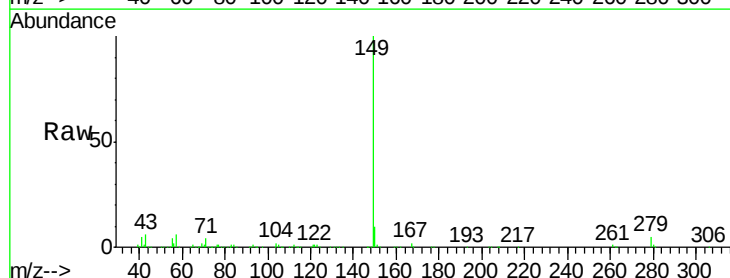
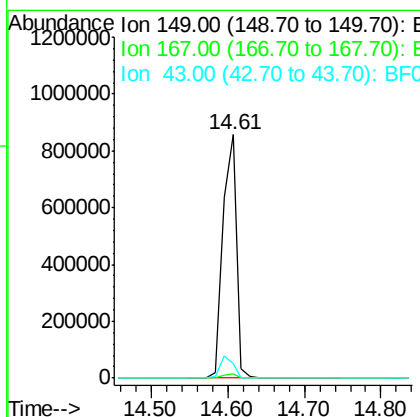
RT: 14.61 min Scan# 1091

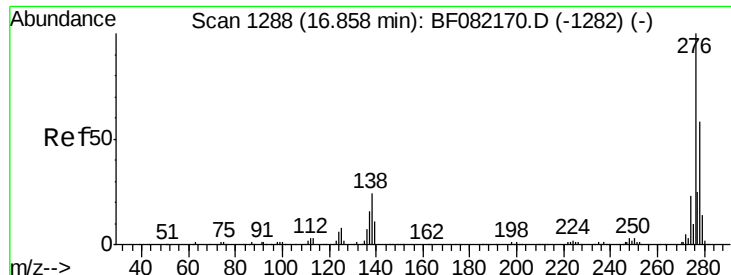
Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:	149	Resp:	1068214
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.4	11.2





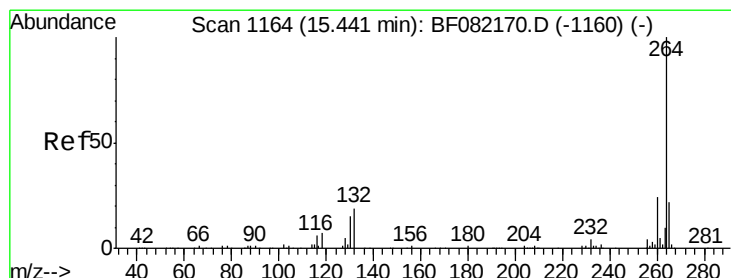
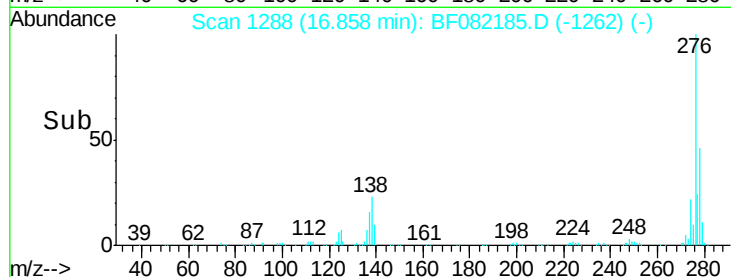
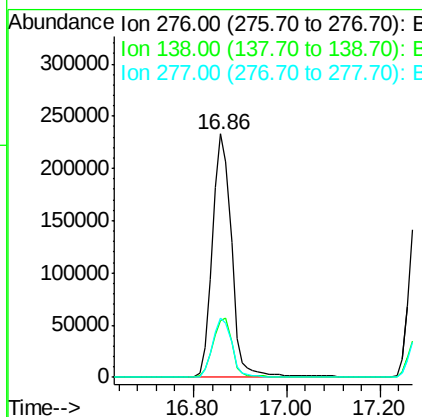
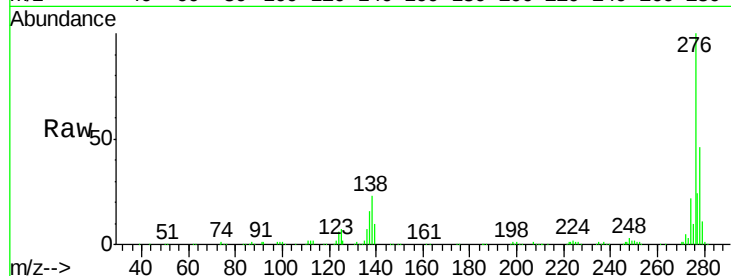
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.40 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.6	20.1	30.1

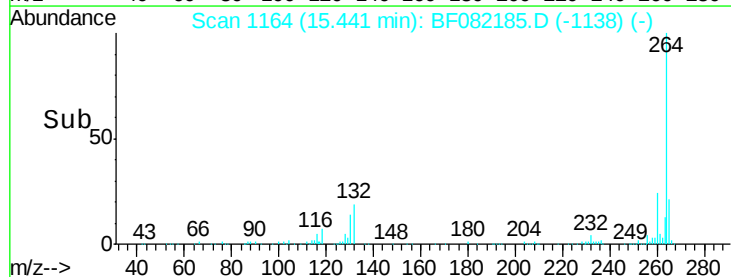
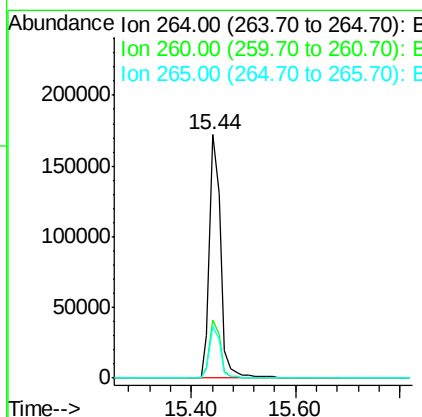
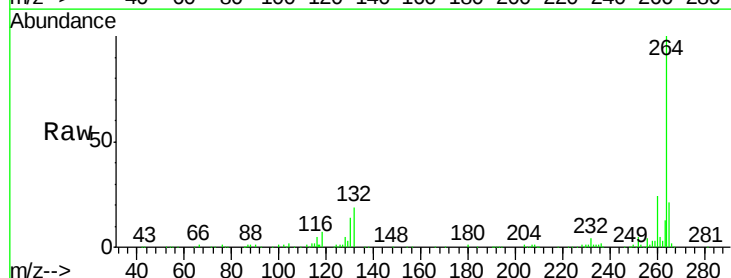
Manual Integrations
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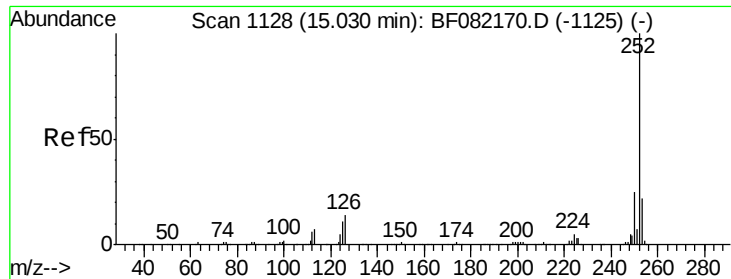
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.3	25.9





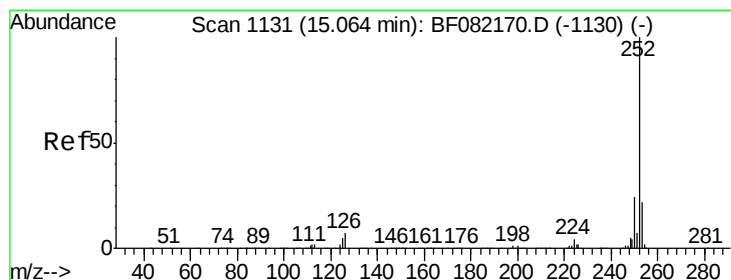
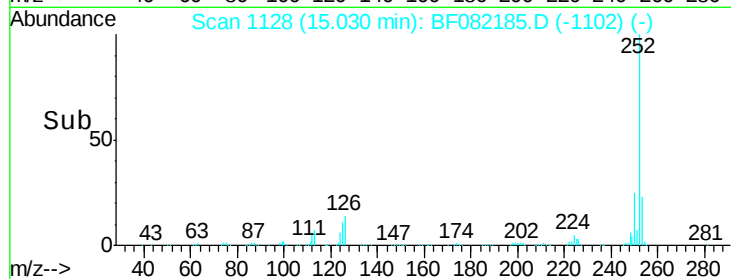
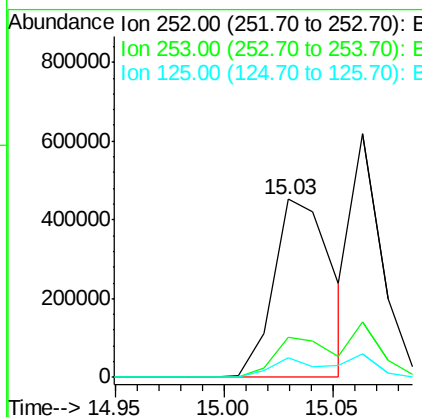
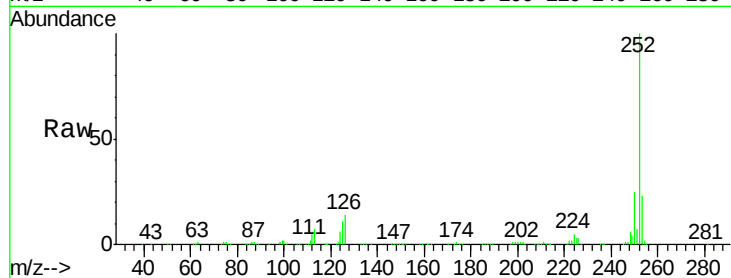
#87
Benzo(b)fluoranthene
Concen: 53.41 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.9	8.6	12.8

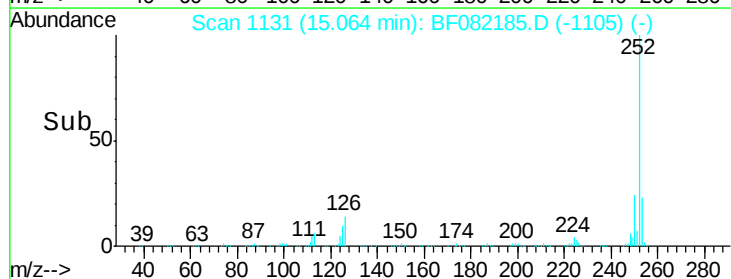
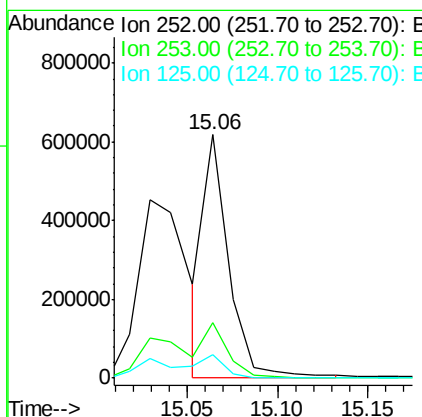
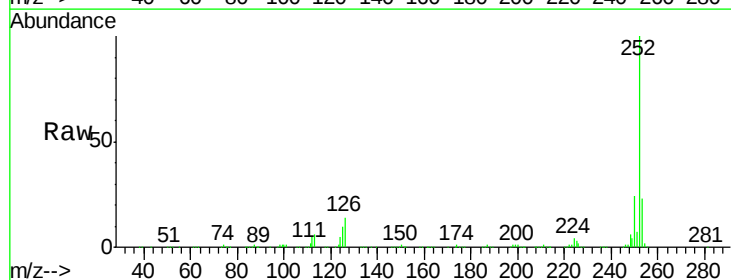
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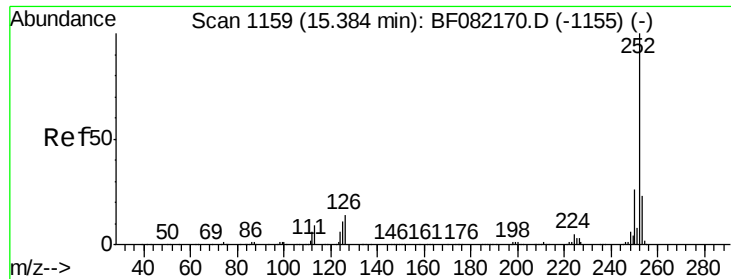
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#88
Benzo(k)fluoranthene
Concen: 45.98 ng m
RT: 15.06 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	9.7	6.7	10.1





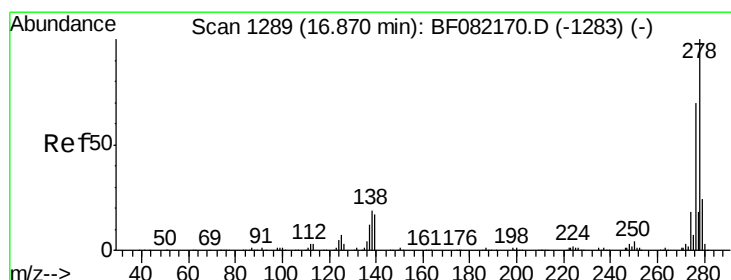
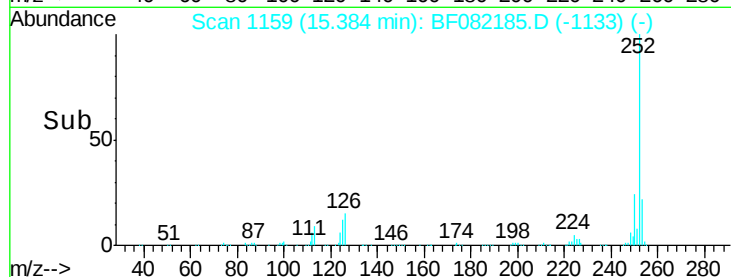
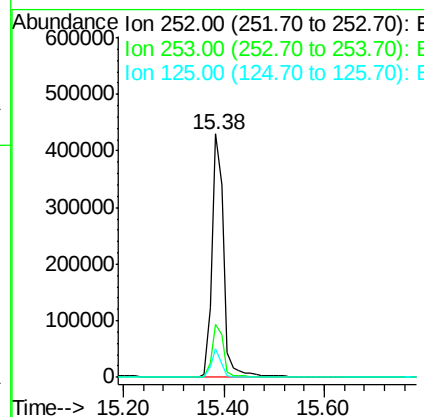
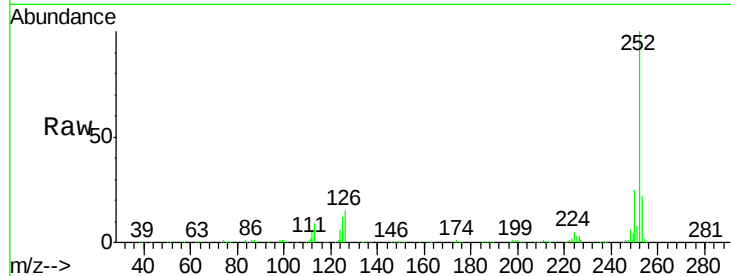
#89
Benzo(a)pyrene
Concen: 50.67 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	684933		
253	21.9	18.2	27.2	
125	11.6	8.9	13.3	

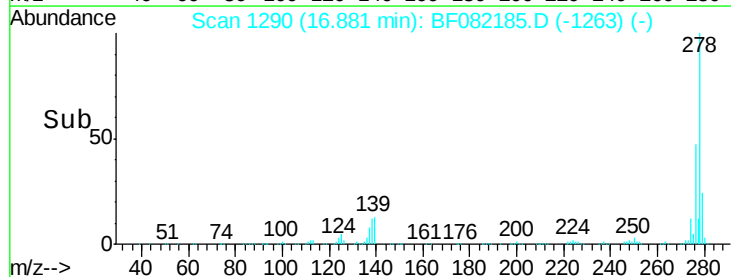
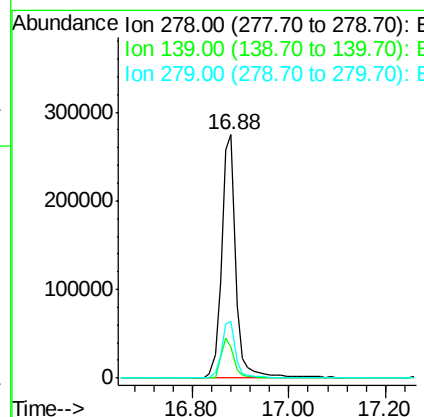
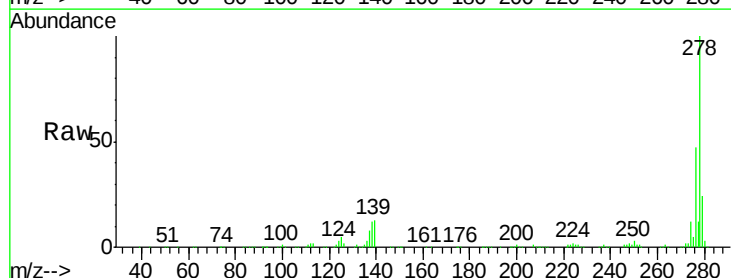
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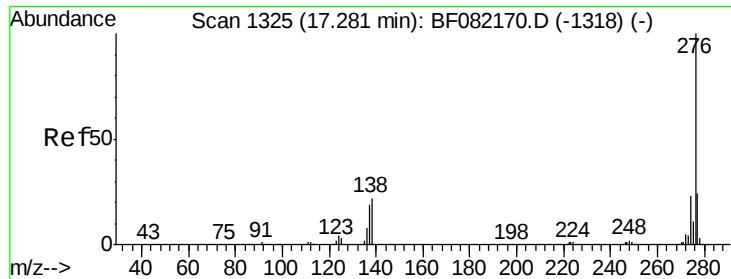
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#90
Dibenzo(a,h)anthracene
Concen: 51.48 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	570265		
139	13.0	13.3	19.9#	
279	23.6	18.9	28.3	





#91
 Benzo(g,h,i)perylene
 Concen: 50.13 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tgt Ion:	276	Resp:	539415
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.0	17.4	26.2

Manual Integrations
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