

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082820.D
 Acq On : 8 Nov 2015 4:02
 Operator : UM/IZ
 Sample : G4206-02MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:44 PM

Quant Time: Nov 09 02:20:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217771	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	779183	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	378448	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	633231	20.00	ng	0.00
75) Chrysene-d12	14.01	240	427541	20.00	ng	-0.01
86) Perylene-d12	15.44	264	465961	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1470989	105.10	ng	0.03
7) Phenol-d6	6.50	99	1740233	93.53	ng	0.02
23) Nitrobenzene-d5	7.41	82	1421772	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	386576	89.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1981368	75.04	ng	0.00
78) Terphenyl-d14	12.96	244	1584394	87.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	205969	34.11	ng	# 80
3) Pyridine	3.33	79	351939m	20.08	ng	
4) n-Nitrosodimethylamine	3.25	42	289384	33.30	ng	84
6) Aniline	6.51	93	175336	6.71	ng	# 1
8) 2-Chlorophenol	6.65	128	533937	34.41	ng	99
10) Phenol	6.51	94	666305	31.56	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	552113	34.97	ng	91
12) 1,3-Dichlorobenzene	6.80	146	628037m	35.89	ng	
13) 1,4-Dichlorobenzene	6.86	146	587050	32.24	ng	99
14) 1,2-Dichlorobenzene	7.02	146	577164	34.86	ng	98
15) Benzyl Alcohol	7.00	79	573133	35.07	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	886271	38.27	ng	95
17) 2-Methylphenol	7.12	107	446020	33.94	ng	99
18) Hexachloroethane	7.37	117	209386	32.16	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	470287	34.38	ng	# 86
20) 3+4-Methylphenols	7.28	107	569489	33.33	ng	# 66
22) Acetophenone	7.26	105	795862	35.65	ng	# 93
24) Nitrobenzene	7.44	77	701526	38.31	ng	93
25) Isophorone	7.68	82	1129089	34.08	ng	99
26) 2-Nitrophenol	7.76	139	293278	38.37	ng	# 68
27) 2,4-Dimethylphenol	7.80	122	525774	38.28	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	756521	40.48	ng	99
29) 2,4-Dichlorophenol	8.00	162	438067	35.29	ng	87
30) 1,2,4-Trichlorobenzene	8.09	180	491801	35.23	ng	# 93
31) Naphthalene	8.16	128	1487533	34.60	ng	99
32) Benzoic acid	7.93	122	328735	34.96	ng	86
33) 4-Chloroaniline	8.21	127	80120m	4.32	ng	
34) Hexachlorobutadiene	8.28	225	293816	33.63	ng	98
35) Caprolactam	8.57	113	129752	33.16	ng	# 88
36) 4-Chloro-3-methylphenol	8.70	107	529484	36.27	ng	# 82
37) 2-Methylnaphthalene	8.85	142	1005757	36.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	503272	40.47	ng	98
40) Hexachlorocyclopentadiene	9.01	237	255401	38.23	ng	98
42) 2,4,6-Trichlorophenol	9.14	196	329897	35.54	ng	98

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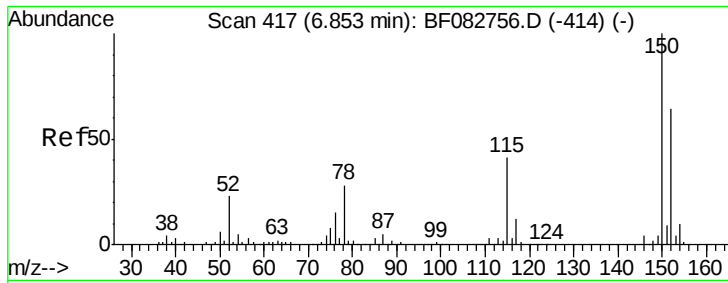
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	349477m	38.06	nq	
45) 1,1'-Biphenyl	9.32	154	1262711	38.88	nq	99
46) 2-Chloronaphthalene	9.34	162	990022	39.08	nq	98
47) 2-Nitroaniline	9.44	65	372939	39.69	nq	# 72
48) Acenaphthylene	9.76	152	1447415	36.46	nq	100
49) Dimethylphthalate	9.62	163	1071433	34.56	nq	99
50) 2,6-Dinitrotoluene	9.68	165	235745	35.63	nq	99
51) Acenaphthene	9.93	154	914992	36.37	nq	99
52) 3-Nitroaniline	9.84	138	96154	13.21	nq	97
53) 2,4-Dinitrophenol	9.95	184	101732	28.01	nq	# 9
54) Dibenzofuran	10.10	168	1229234	36.24	nq	94
55) 4-Nitrophenol	10.02	139	342171	61.30	nq	# 77
56) 2,4-Dinitrotoluene	10.08	165	295258	32.89	nq	95
57) Fluorene	10.44	166	972676	35.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	257014	34.30	nq	# 87
59) Diethylphthalate	10.32	149	1080887	35.70	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	466941	33.97	nq	# 79
61) 4-Nitroaniline	10.45	138	180905	24.72	nq	# 85
62) Azobenzene	10.59	77	1149960	35.36	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	82635	18.32	nq	97
65) n-Nitrosodiphenylamine	10.56	169	899170	39.31	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	276317	36.24	nq	# 76
67) Hexachlorobenzene	10.99	284	293620	34.49	nq	# 82
68) Atrazine	11.08	200	219799	31.07	nq	97
69) Pentachlorophenol	11.18	266	309635	59.89	nq	99
70) Phenanthrene	11.40	178	1388329	37.75	nq	99
71) Anthracene	11.45	178	1293991	33.40	nq	99
72) Carbazole	11.61	167	1247053	36.78	nq	98
73) Di-n-butylphthalate	11.95	149	1595949	37.78	nq	# 96
74) Fluoranthene	12.59	202	1252636	31.74	nq	94
76) Benzidine	12.71	184	150948	10.53	nq	98
77) Pyrene	12.81	202	1216042	41.42	nq	98
79) Butylbenzylphthalate	13.44	149	560852	43.24	nq	99
80) Benzo(a)anthracene	14.00	228	1035726	38.74	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	261660	27.53	nq	99
82) Chrysene	14.04	228	1030151	42.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	756479	42.61	nq	# 96
84) Di-n-octyl phthalate	14.61	149	1260535	42.56	nq	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	962399	45.63	nq	97
87) Benzo(b)fluoranthene	15.04	252	1155145m	38.62	nq	
88) Benzo(k)fluoranthene	15.06	252	824092m	31.06	nq	
89) Benzo(a)pyrene	15.38	252	934513	36.06	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	821612	37.44	nq	98
91) Benzo(g,h,i)perylene	17.25	276	761309	36.22	nq	99

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



#1

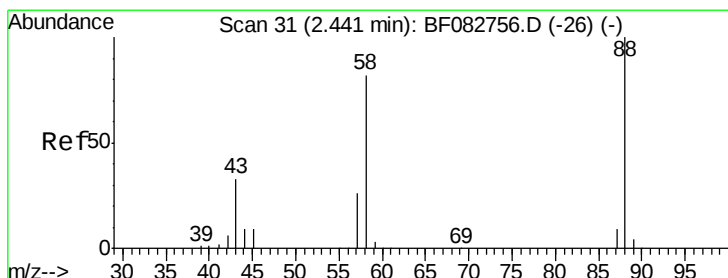
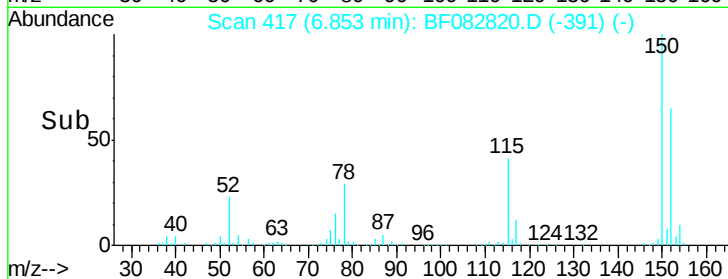
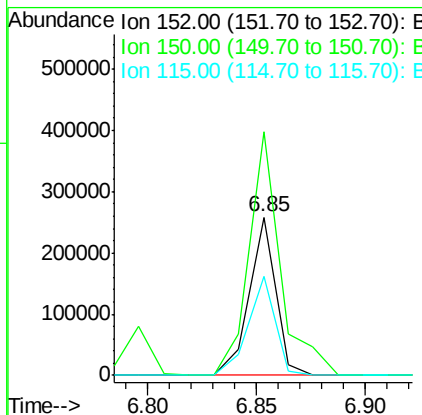
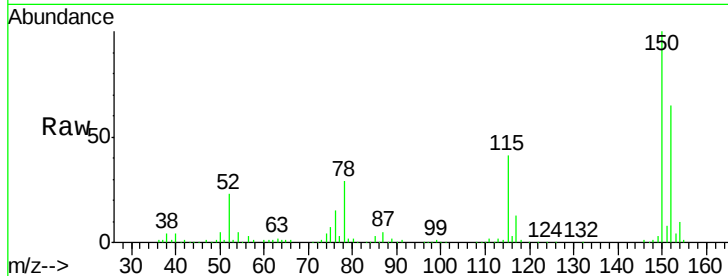
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.0	190.4
115	62.5	47.0	70.6

Manual Integrations
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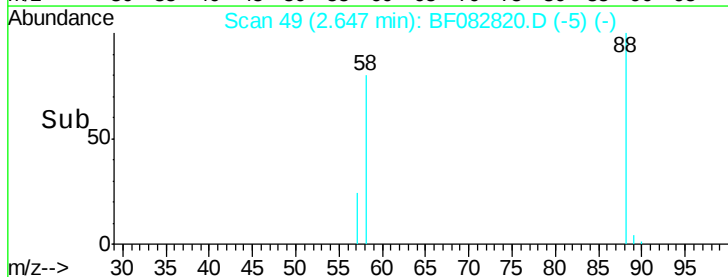
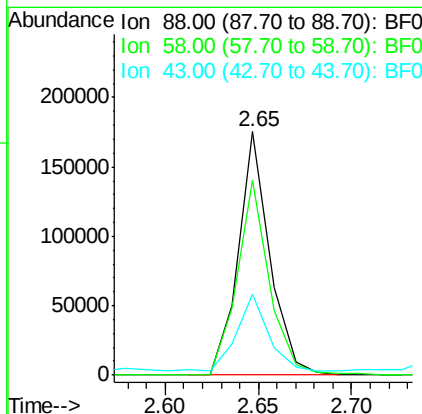
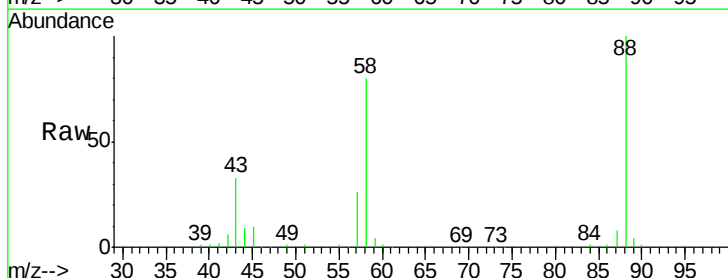
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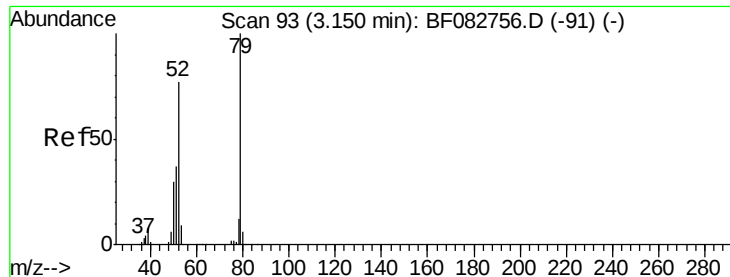


#2

1,4-Dioxane
Concen: 34.11 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.21 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	62.0	93.0
43	0.0	26.6	40.0





#3

Pvridine

Concen: 20.08 ng/ml

RT: 3.33 min Scan# 109

Delta R.T. 0.17 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

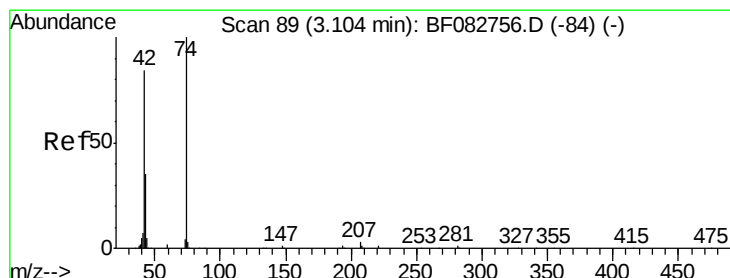
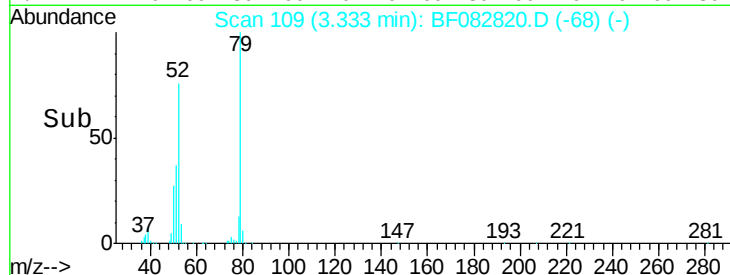
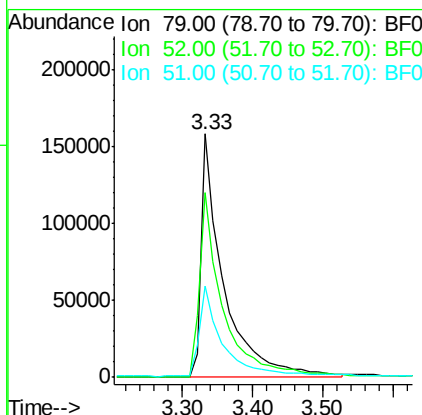
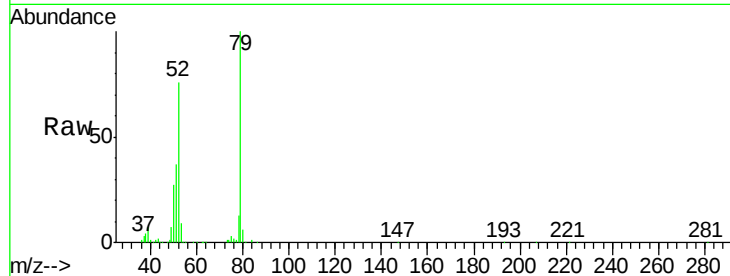
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	79	Resp:	351939
Ion Ratio	Lower	Upper	
79	100		
52	75.7	62.8	94.2
51	37.4	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 33.30 ng/ml

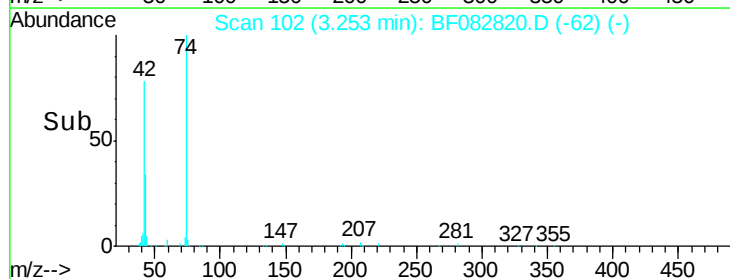
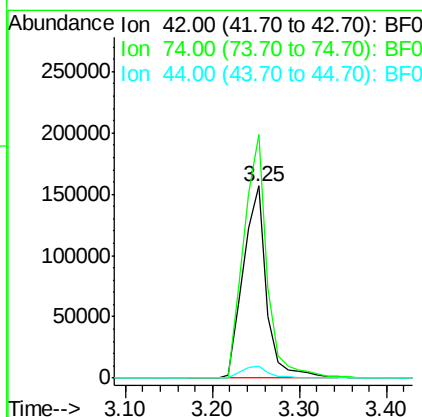
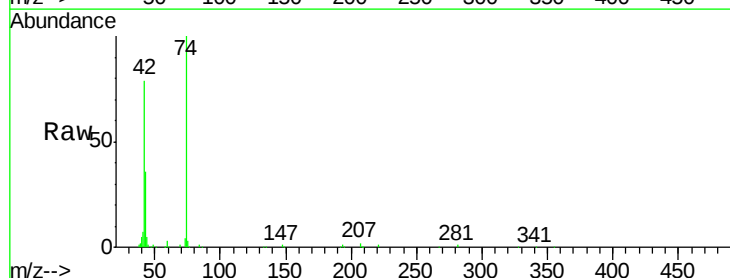
RT: 3.25 min Scan# 102

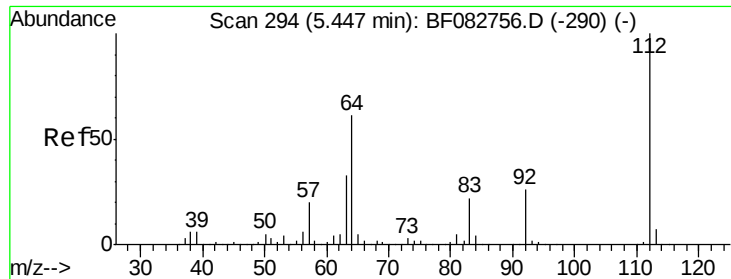
Delta R.T. 0.16 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	42	Resp:	289384
Ion Ratio	Lower	Upper	
42	100		
74	126.9	87.0	130.4
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 105.10 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.03 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:112 Resp: 1470989

Ion Ratio Lower Upper

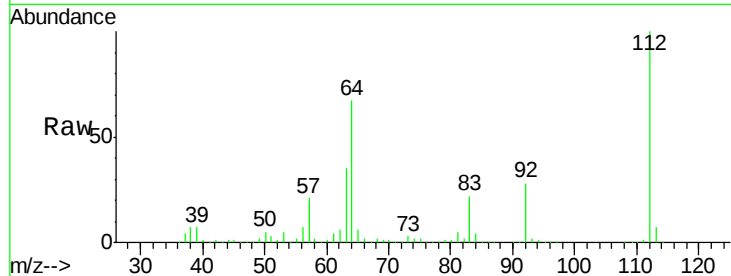
112 100

64 66.7 48.9 73.3

63 35.3 28.1 42.1

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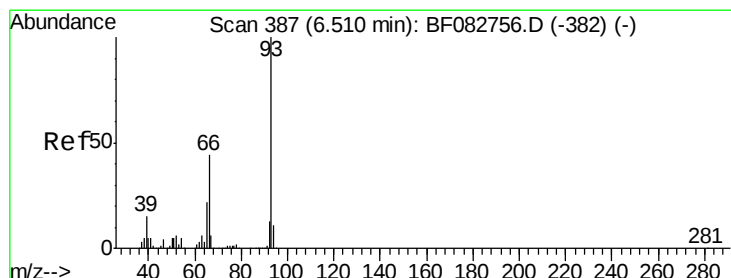
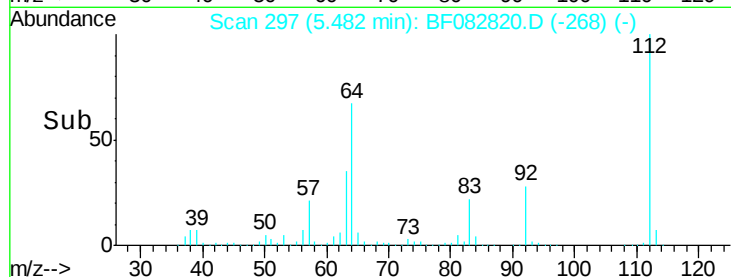
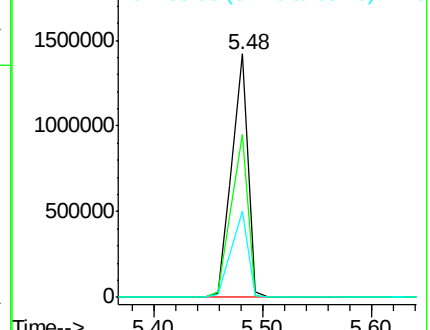
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.71 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

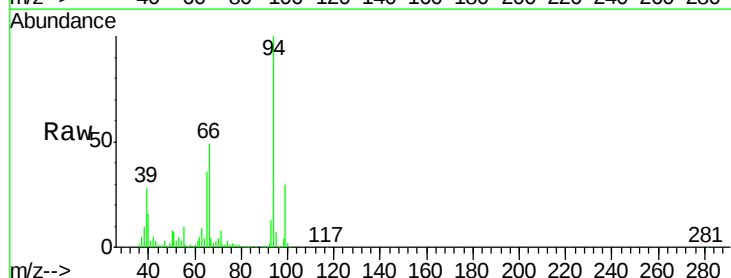
Tgt Ion: 93 Resp: 175336

Ion Ratio Lower Upper

93 100

66 368.5 33.6 50.4#

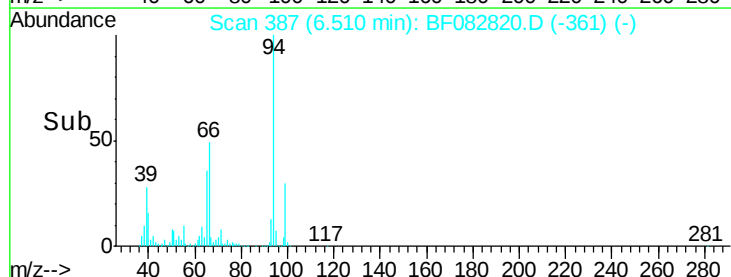
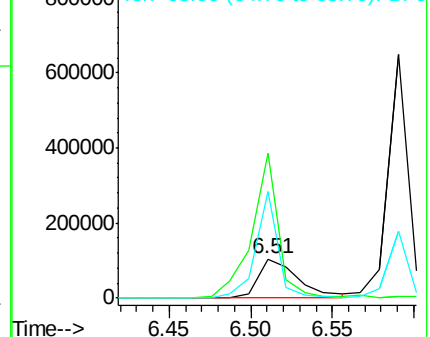
65 271.7 18.1 27.1#

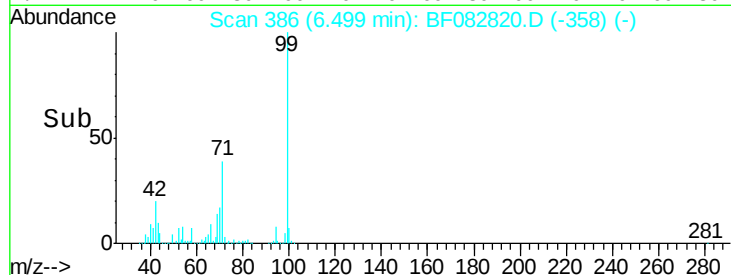
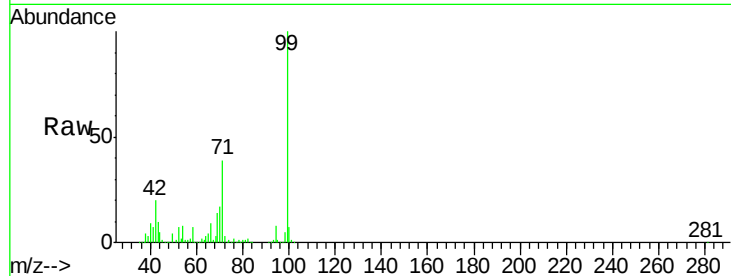
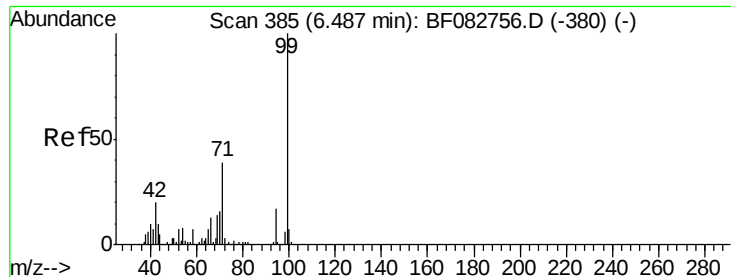


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.53 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tot Ion: 99 Resp: 1740233

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

71 38.7 35.0 52.4

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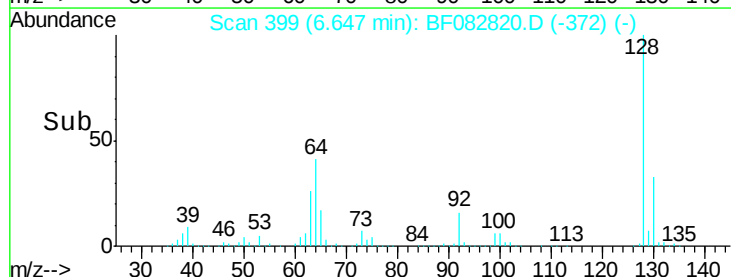
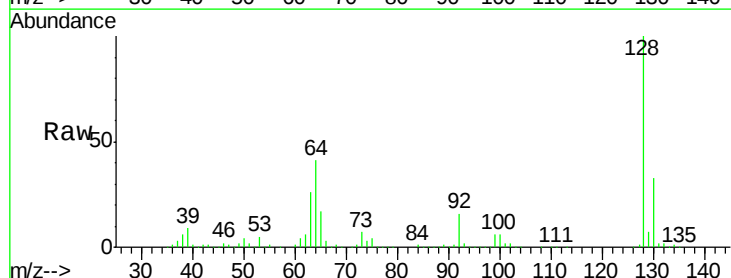
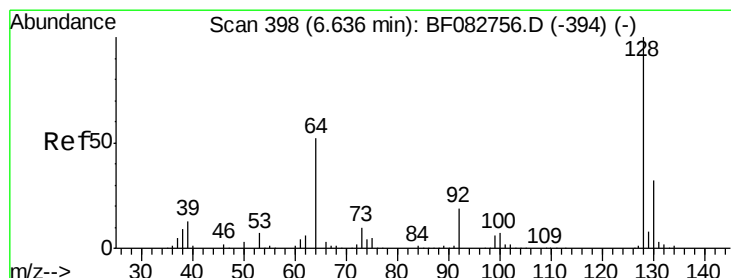
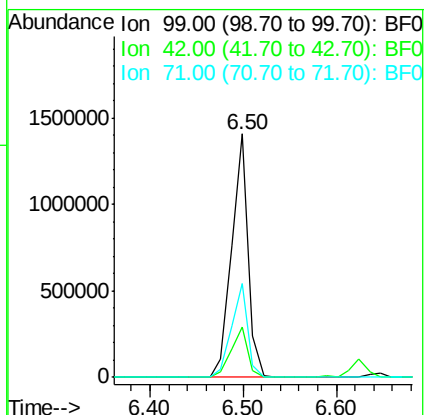
DRUM1-31COMPOSITITEMS

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.41 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

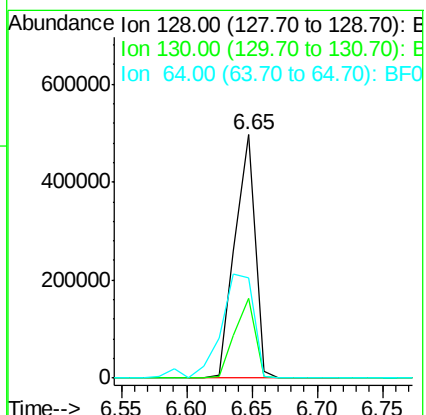
Tgt Ion:128 Resp: 533937

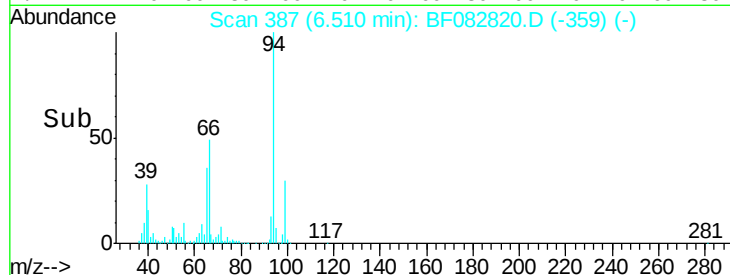
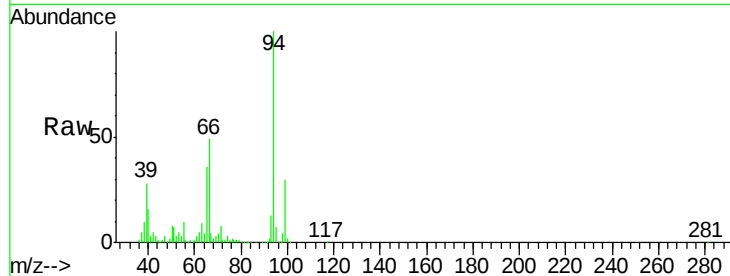
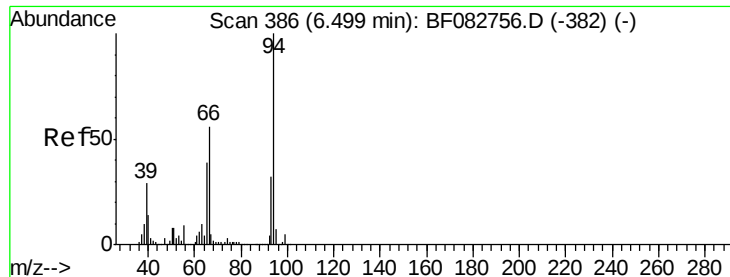
Ion Ratio Lower Upper

128 100

130 32.9 13.5 53.5

64 41.4 21.1 61.1





#10

Phenol

Concen: 31.56 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF082820.D

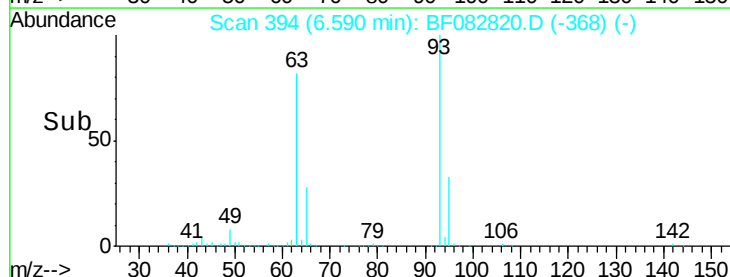
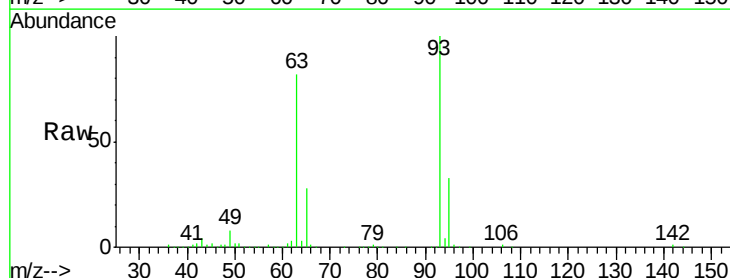
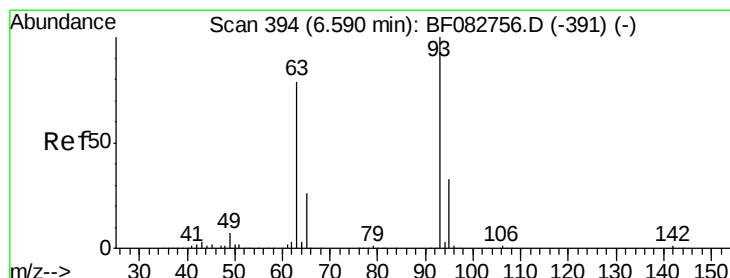
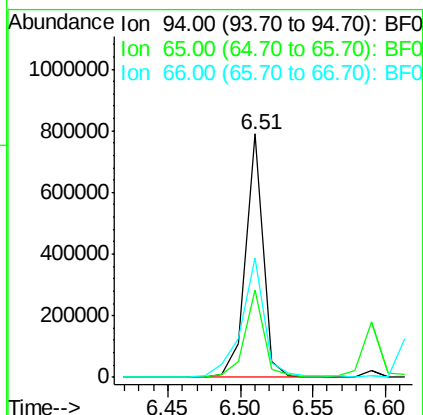
Acq: 8 Nov 2015 4:02

Tot Ion:	94	Resp:	666305
Ion Ratio		Lower	Upper
94	100		
65	36.1	18.9	58.9
66	49.0	34.9	74.9

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITITEMS

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 34.97 ng

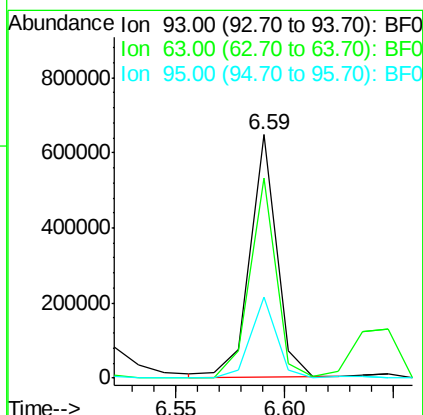
RT: 6.59 min Scan# 394

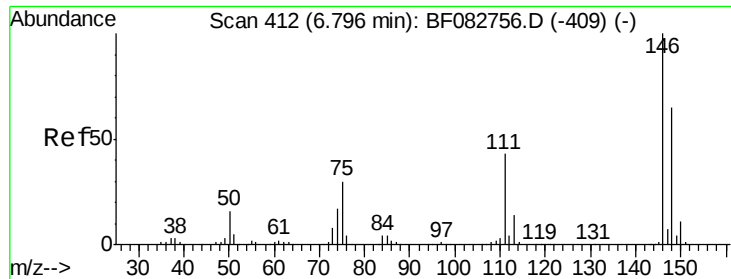
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	93	Resp:	552113
Ion Ratio		Lower	Upper
93	100		
63	82.2	72.7	112.7
95	33.4	12.0	52.0





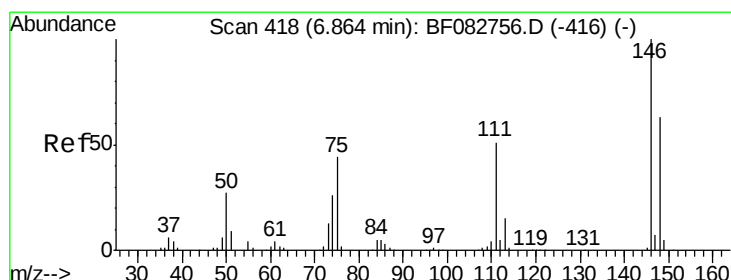
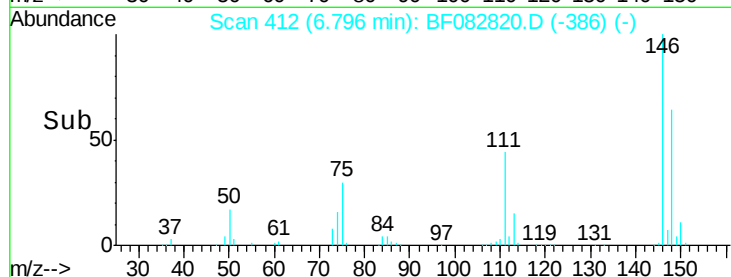
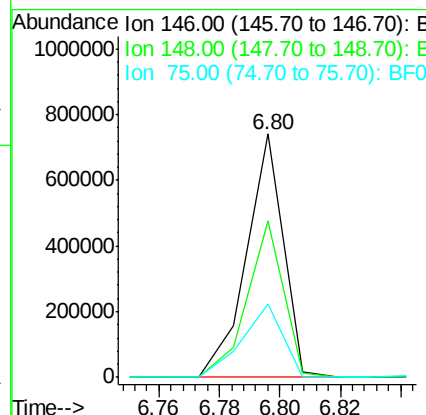
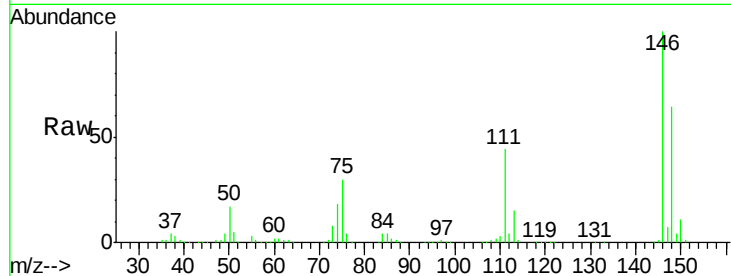
#12
 1,3-Dichlorobenzene
 Concen: 35.89 ng/mL
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	30.4	39.5	59.3

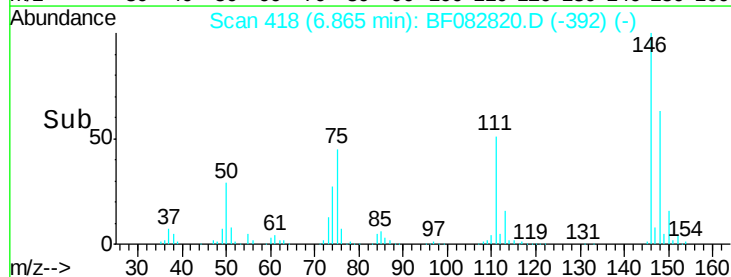
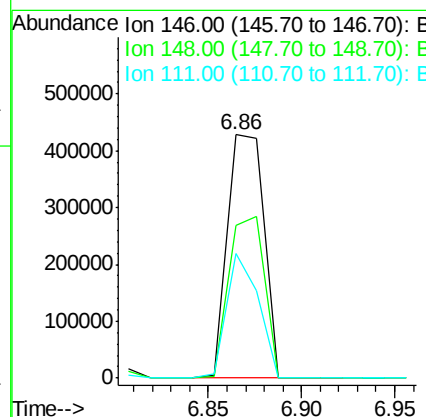
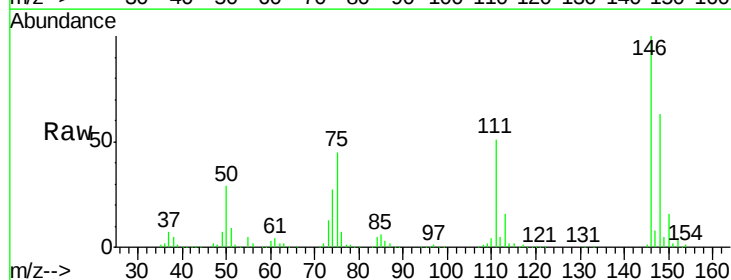
Manual Integrations
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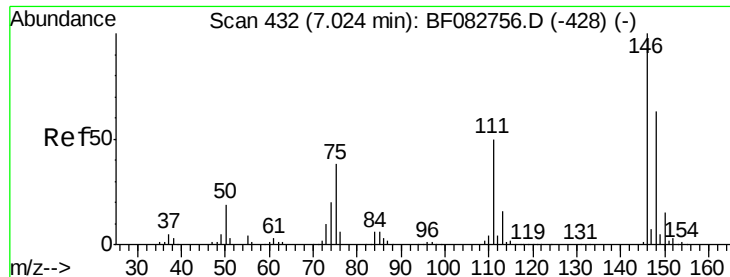
Mmdadoda
 11/9/2015 2:08:44 PM



#13
 1,4-Dichlorobenzene
 Concen: 32.24 ng/mL
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	50.9	40.6	60.8





#14

1,2-Dichlorobenzene

Concen: 34.86 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

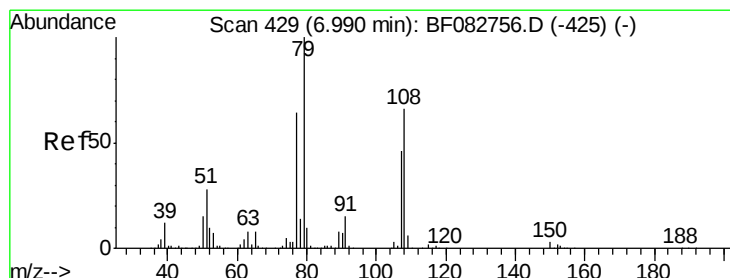
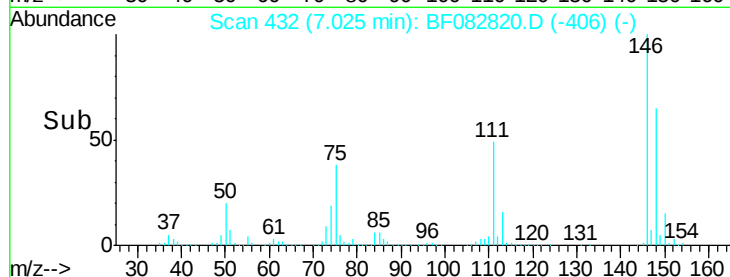
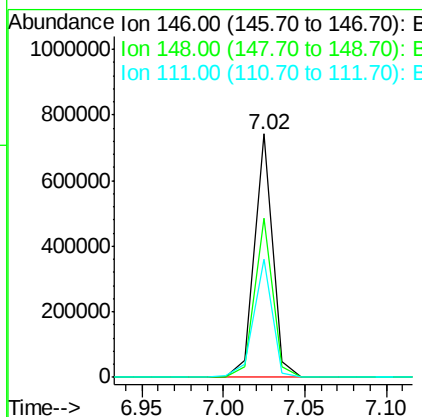
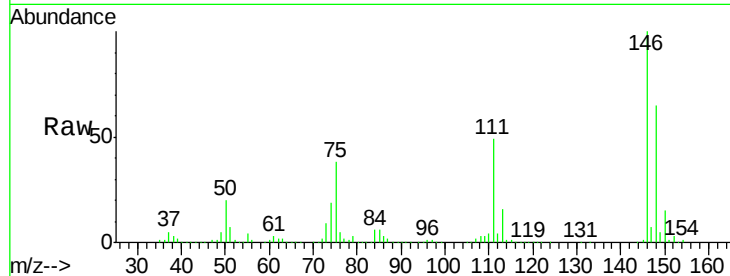
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	146	Resp:	577164
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	48.7	36.6	55.0

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#15

Benzyl Alcohol

Concen: 35.07 ng

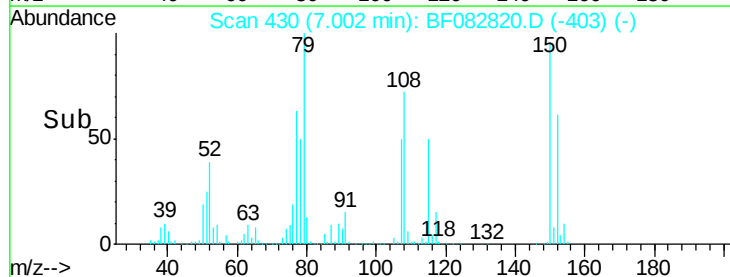
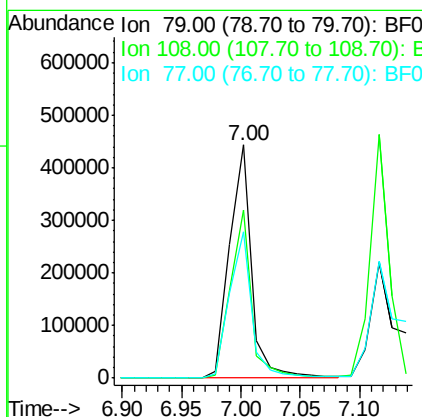
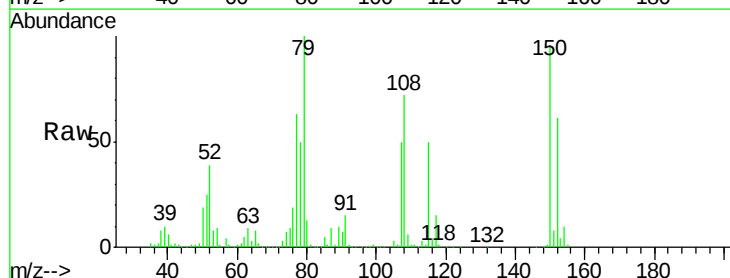
RT: 7.00 min Scan# 430

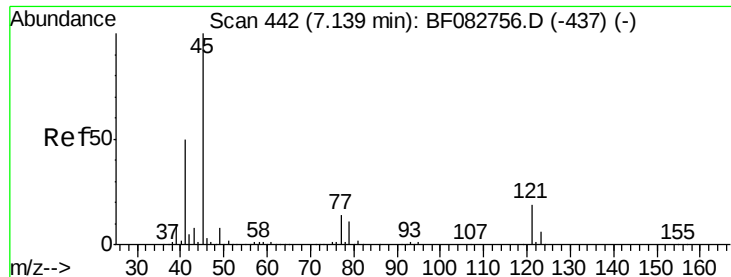
Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	79	Resp:	573133
Ion Ratio	Lower	Upper	
79	100		
108	71.9	52.2	78.4
77	63.0	52.7	79.1





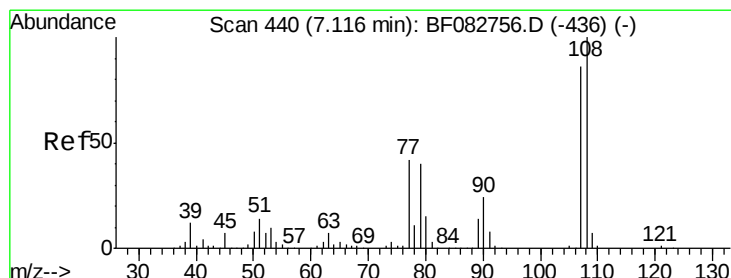
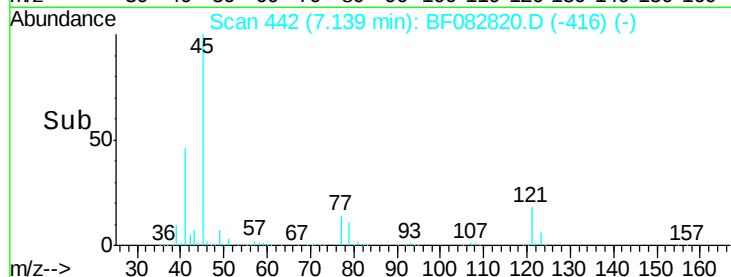
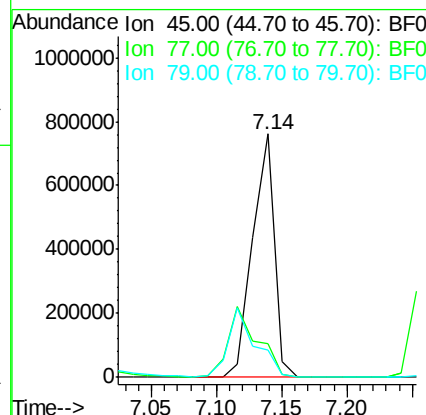
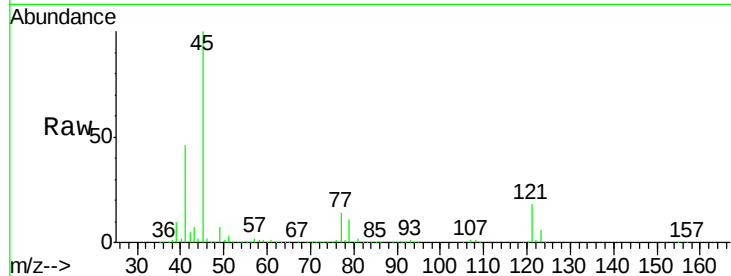
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.27 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	886271		
77	14.0		0.0	32.6
79	11.3		0.0	29.2

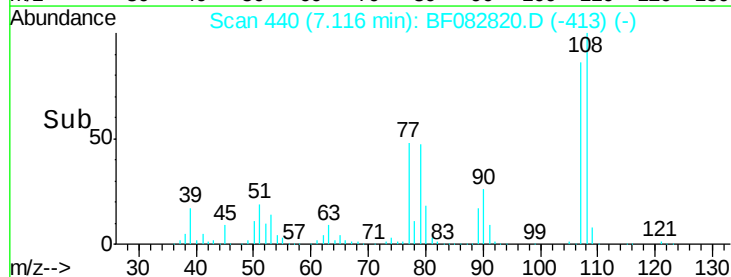
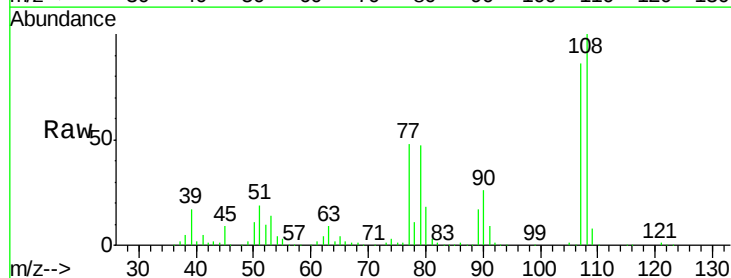
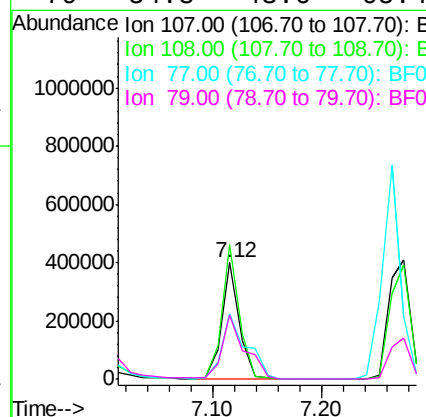
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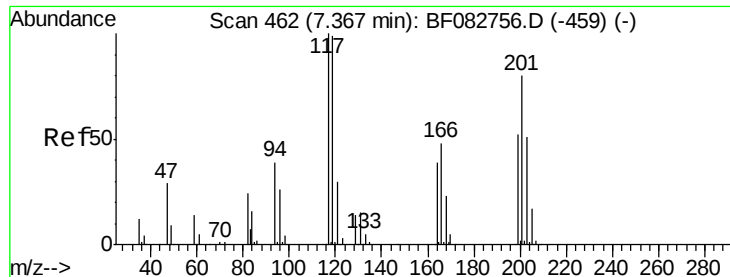
Mmdadoda
11/9/2015 2:08:44 PM



#17
2-Methylphenol
Concen: 33.94 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	446020		
108	115.7		93.0	139.4
77	55.6		44.1	66.1
79	54.8		43.6	65.4





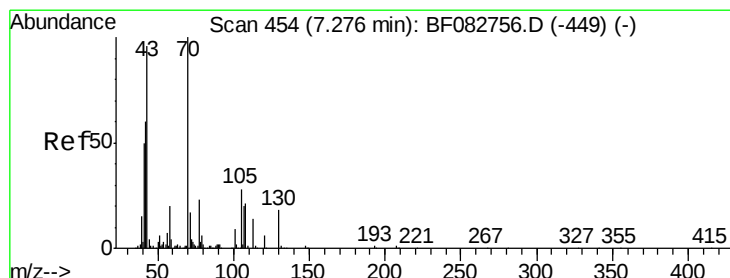
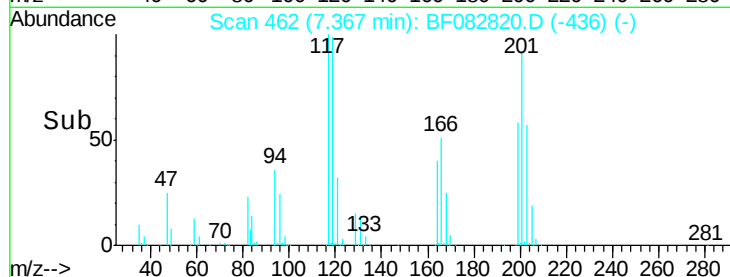
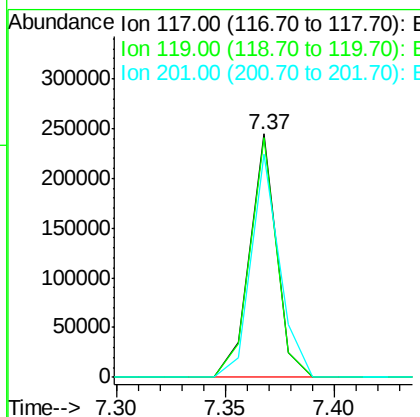
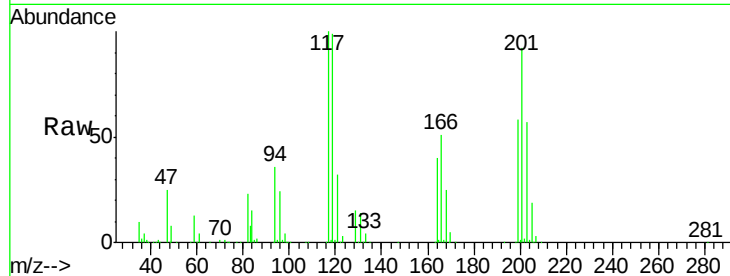
#18
Hexachloroethane
Concen: 32.16 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	209386		
119	98.6	77.7	116.5	
201	91.7	66.7	100.1	

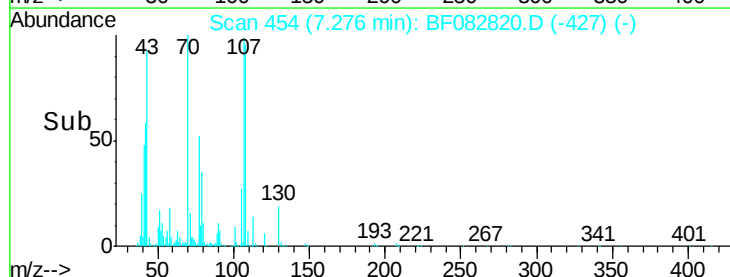
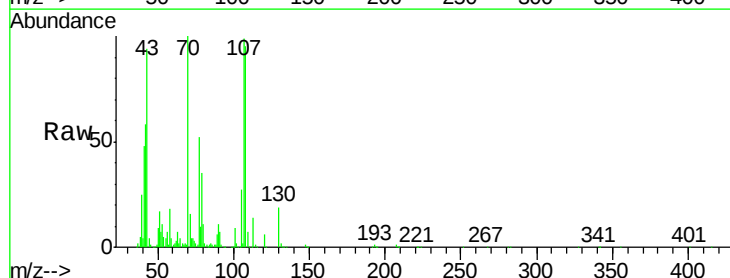
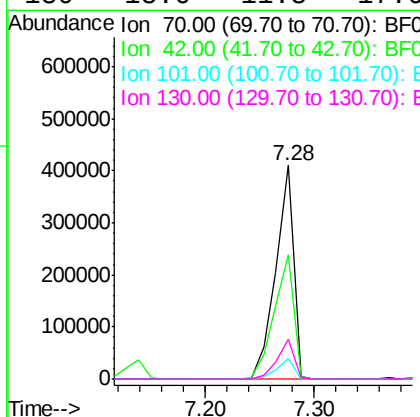
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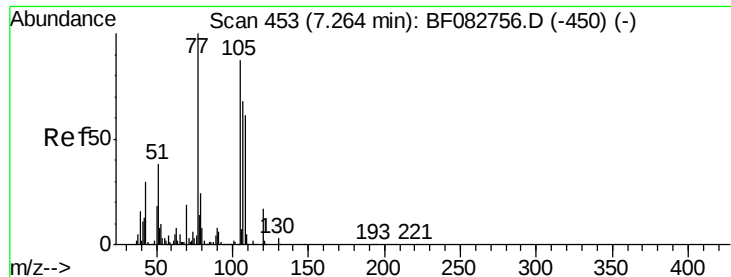
Mmdadoda
11/9/2015 2:08:44 PM



#19
n-Nitroso-di-n-propylamine
Concen: 34.38 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	470287		
42	58.0	57.7	86.5	
101	9.3	7.0	10.6	
130	18.6	11.8	17.6	





#20

3+4-Methylphenols

Concen: 33.33 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

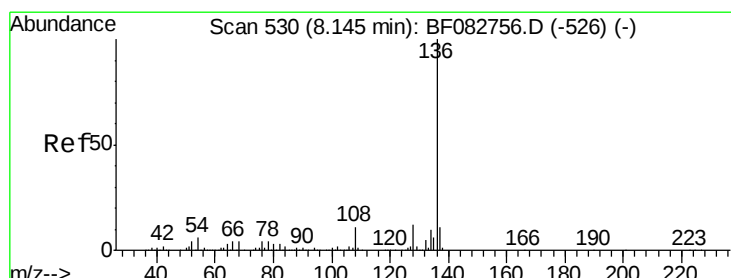
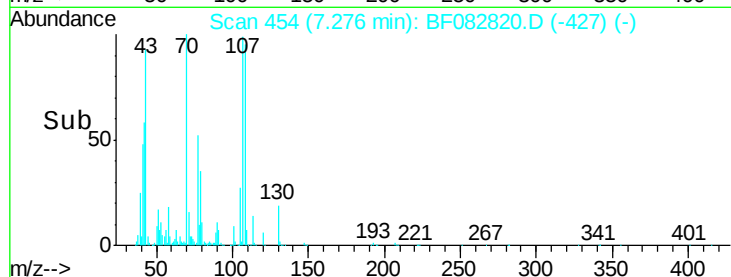
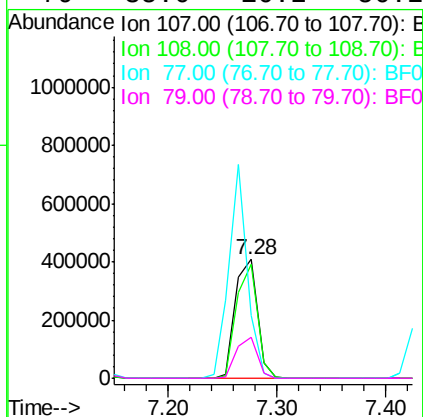
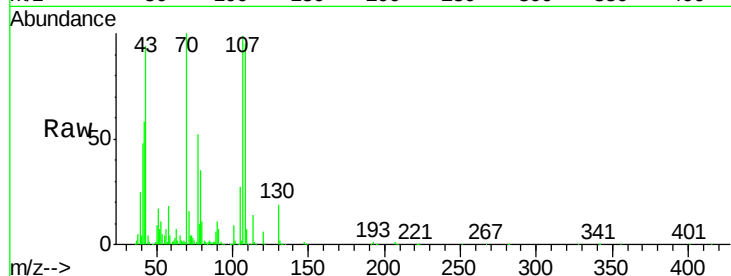
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.1	67.3	107.3	
77	52.7	100.3	140.3#	
79	35.0	16.2	56.2	

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#21

Naphthalene-d8

Concen: 20.00 ng

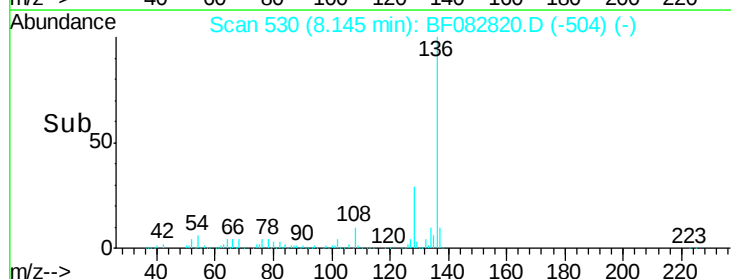
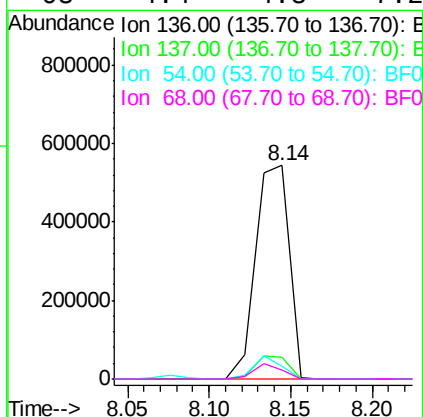
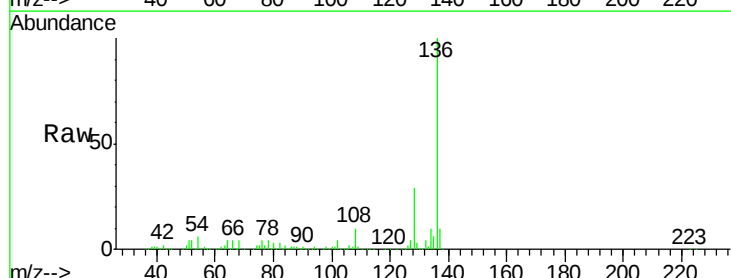
RT: 8.14 min Scan# 530

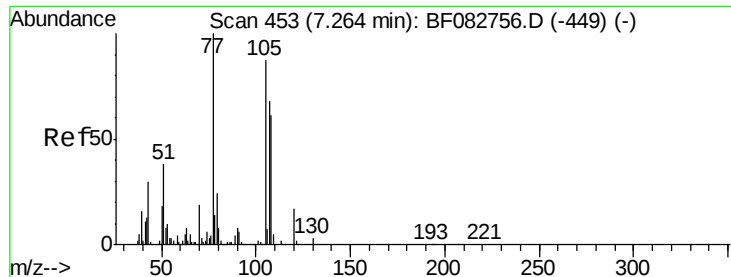
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	9.1	13.7	
54	6.1	9.1	13.7#	
68	4.4	4.8	7.2#	





#22

Acetophenone

Concen: 35.65 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082820.D

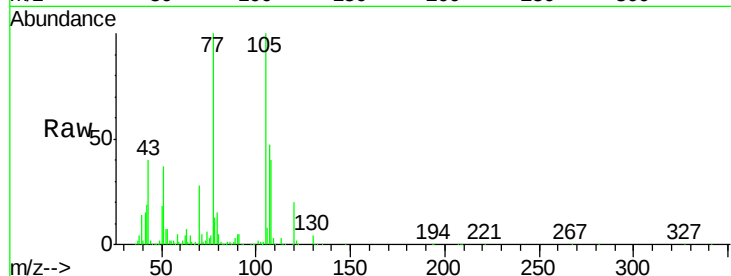
Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITITEMS



Tot Ion: 105 Resp: 795862

Ion Ratio Lower Upper

105 100

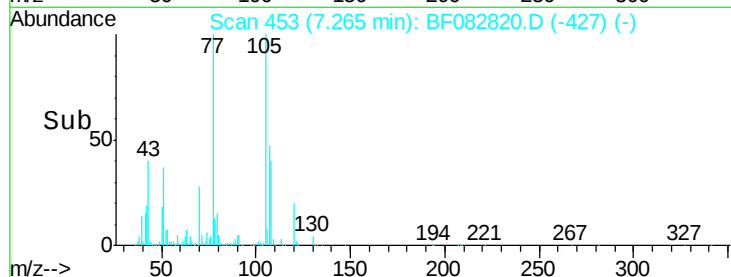
71 4.7 5.6 8.4#

51 37.1 24.9 37.3

120 20.2 15.8 23.8

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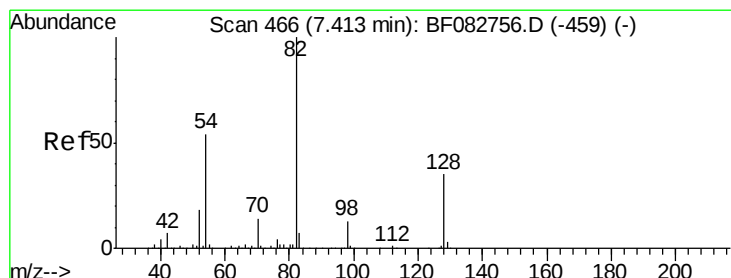
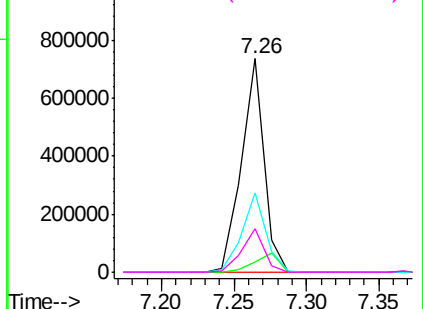


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.40 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

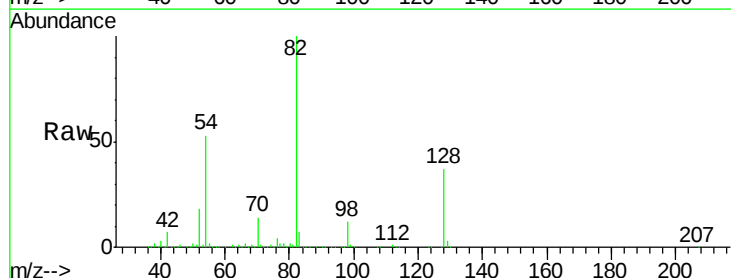
Tgt Ion: 82 Resp: 1421772

Ion Ratio Lower Upper

82 100

128 37.2 26.8 40.2

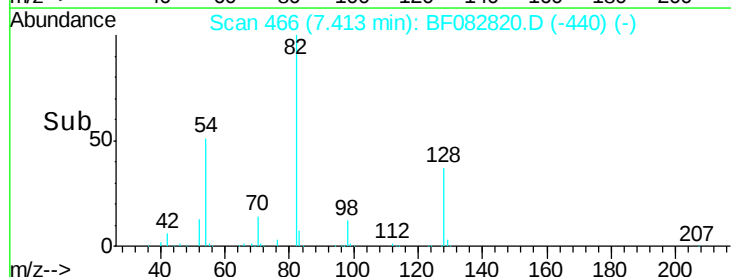
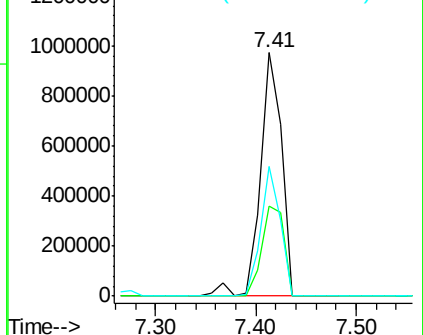
54 53.2 45.7 68.5

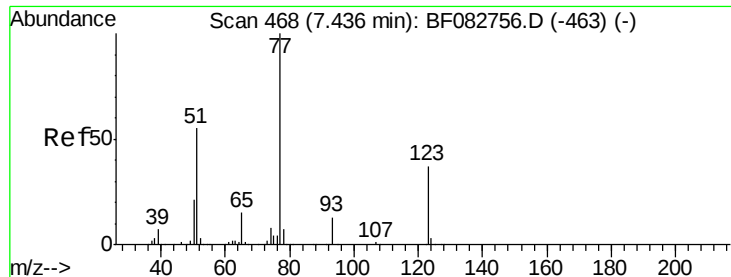


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





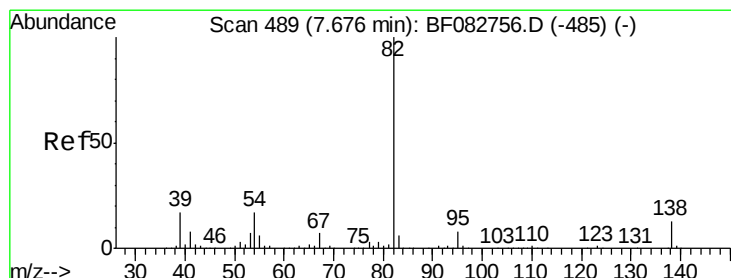
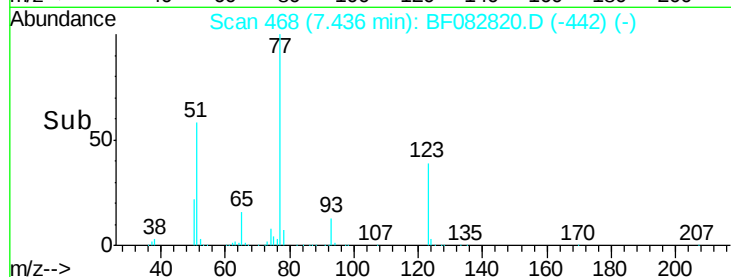
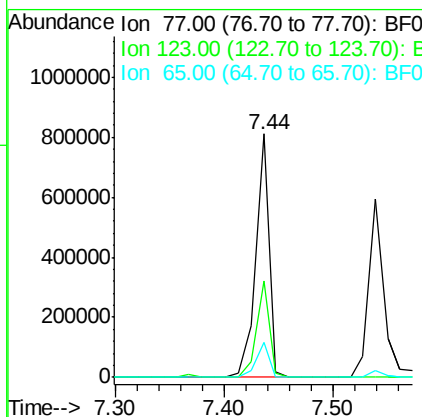
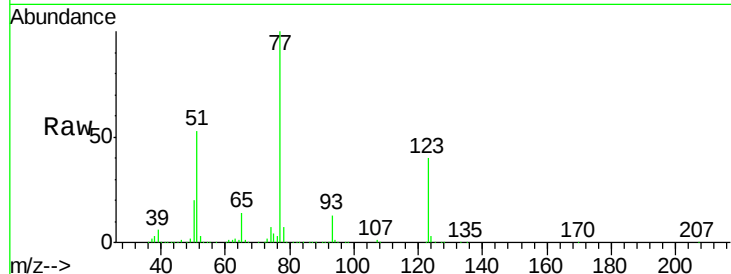
#24
 Nitrobenzene
 Concen: 38.31 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITITEMS

Tot Ion	Ratio	Lower	Upper
77	100		
123	39.6	36.4	54.6
65	14.3	11.5	17.3

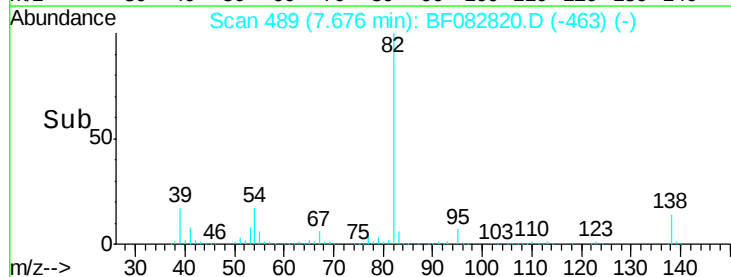
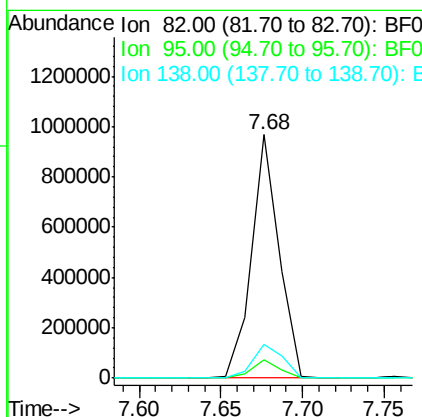
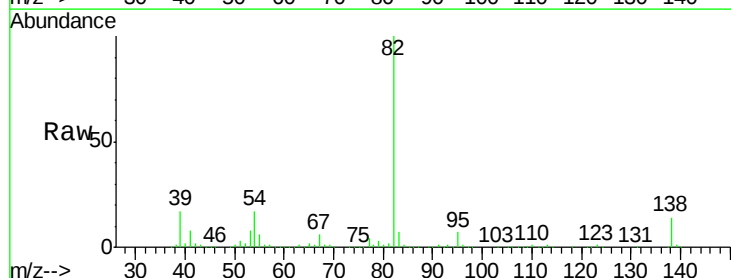
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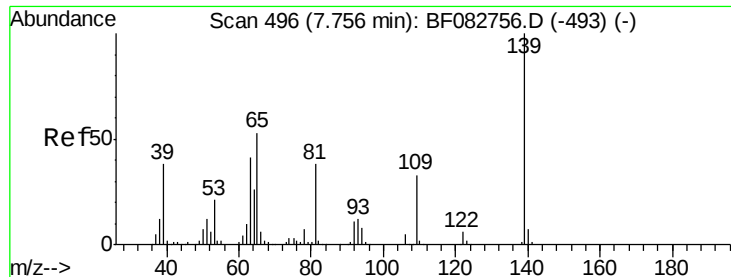
Mmdadoda
 11/9/2015 2:08:44 PM



#25
 Isophorone
 Concen: 34.08 ng
 RT: 7.68 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.6	9.8
138	14.0	11.4	17.0





#26

2-Nitrophenol

Concen: 38.37 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

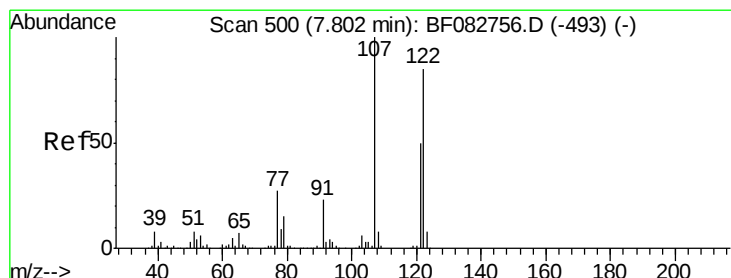
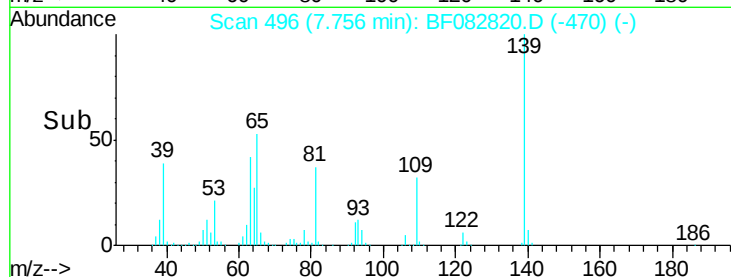
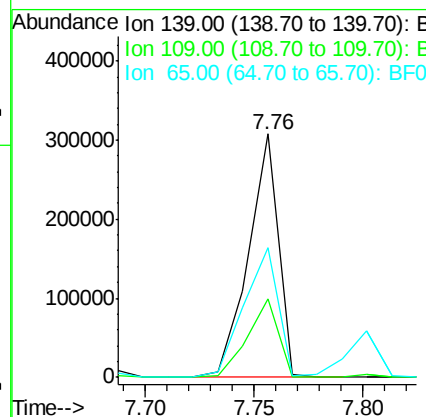
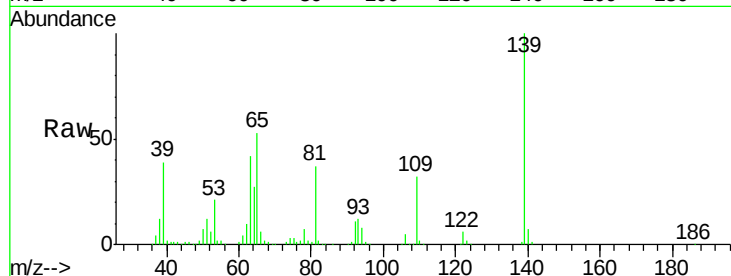
DRUM1-31COMPOSITEMS

Manual Integrations
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Tot Ion:	139	Resp:	293278
Ion Ratio	Lower	Upper	
139	100		
109	32.4	37.6	56.4#
65	53.5	70.6	105.8#



#27

2,4-Dimethylphenol

Concen: 38.28 ng

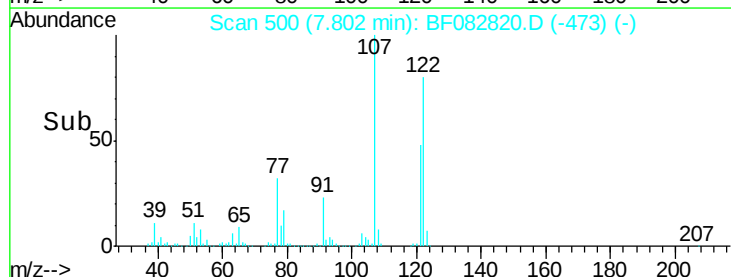
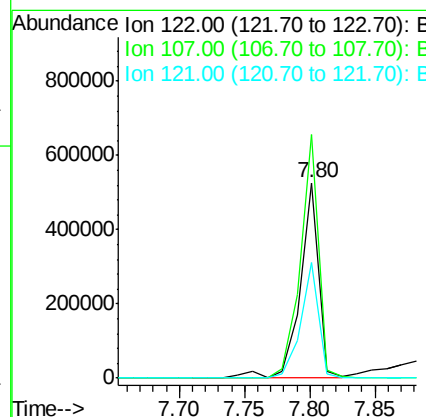
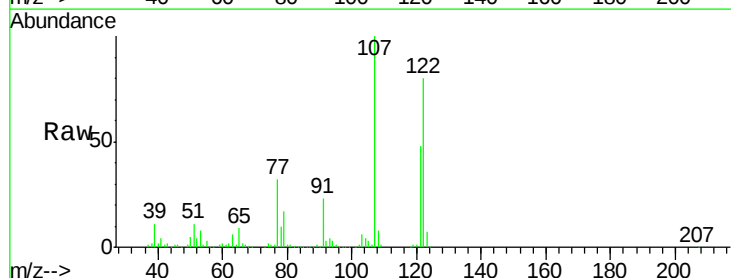
RT: 7.80 min Scan# 500

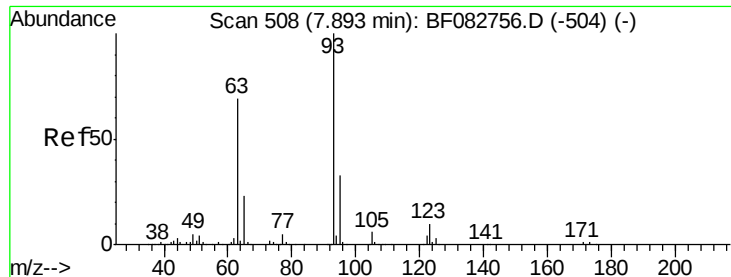
Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	122	Resp:	525774
Ion Ratio	Lower	Upper	
122	100		
107	124.5	106.0	159.0
121	59.1	46.7	70.1





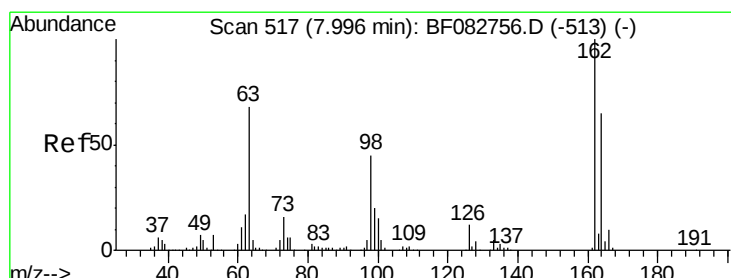
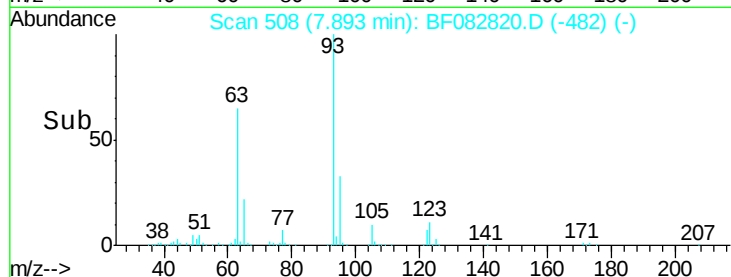
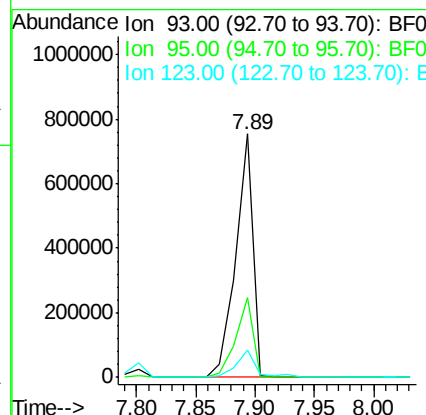
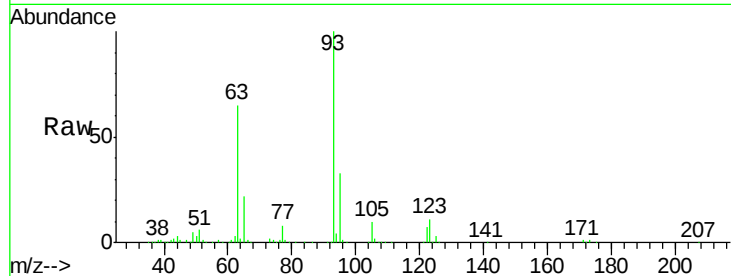
#28
bis(2-Chloroethoxy)methane
Concen: 40.48 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.6	40.0	
123	11.2	9.7	14.5	

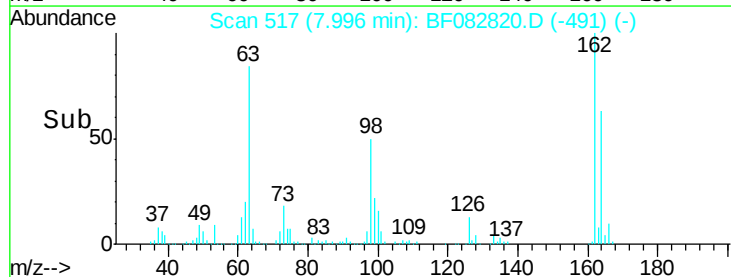
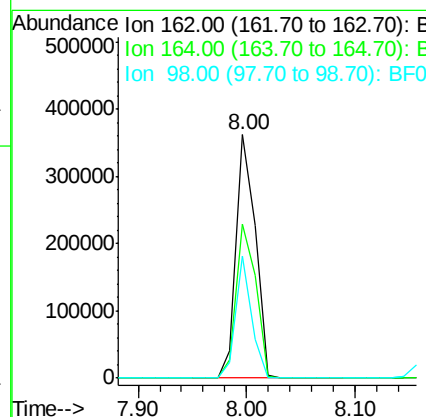
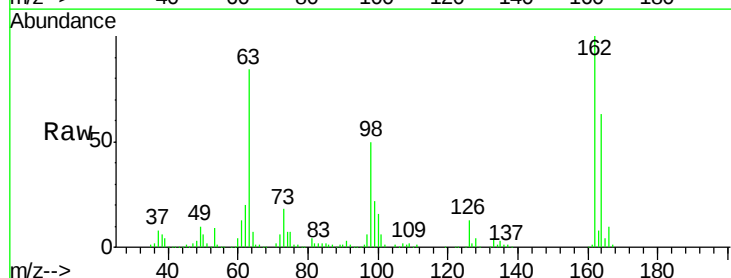
Manual Integrations
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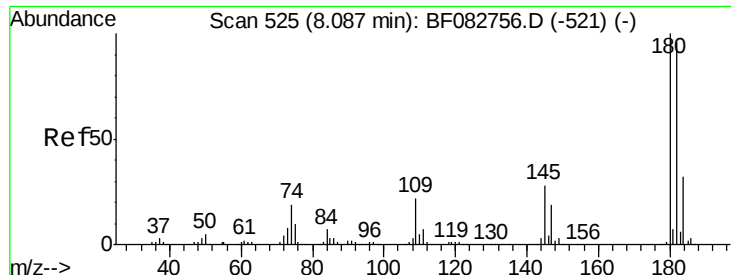
Mmdadoda
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#29
2,4-Dichlorophenol
Concen: 35.29 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.1	46.8	86.8	
98	49.9	12.5	52.5	





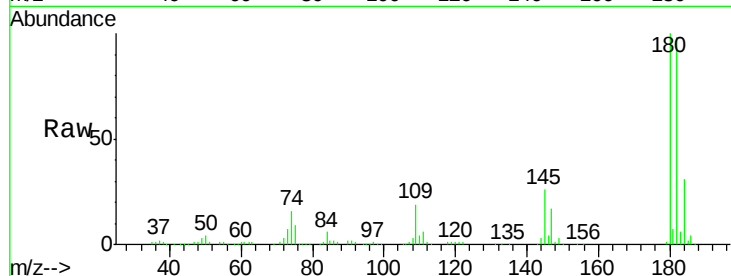
#30
1,2,4-Trichlorobenzene
Concen: 35.23 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

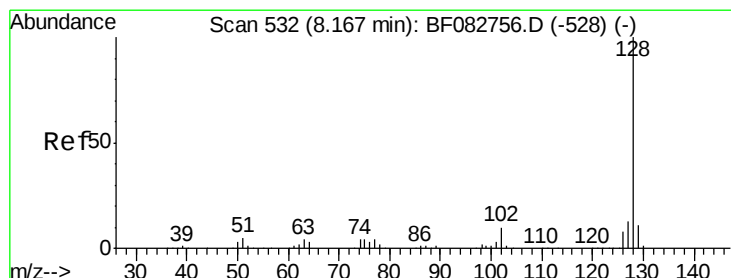
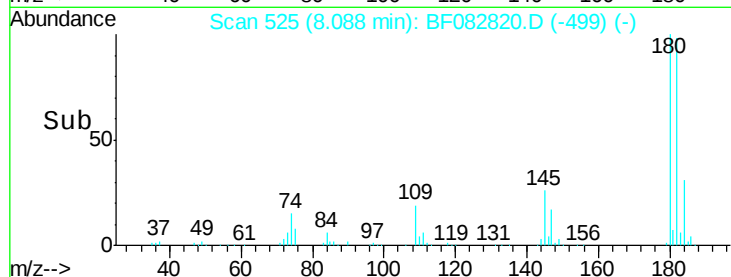
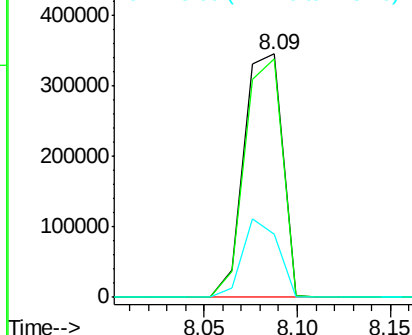
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.9	112.3
145	26.1	27.8	41.8#

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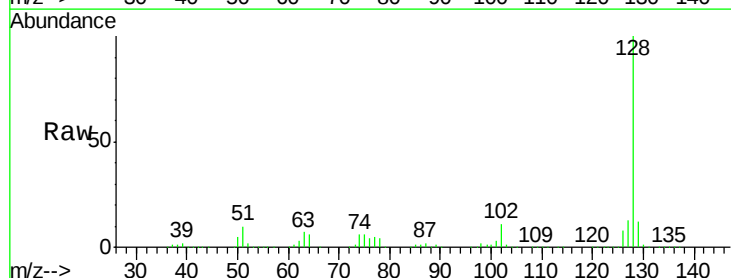


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

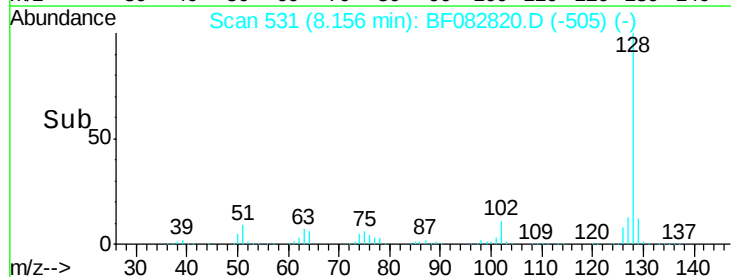
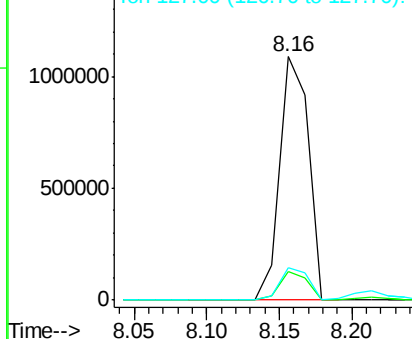


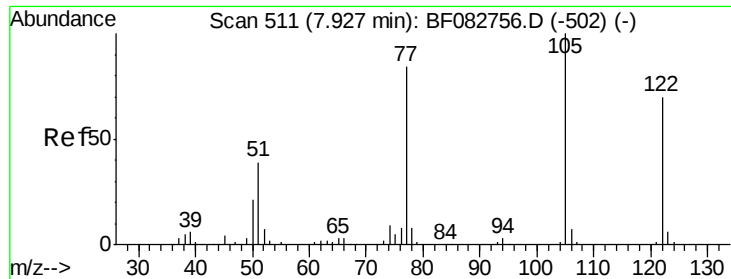
#31
Naphthalene
Concen: 34.60 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.4	11.4	17.0



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: 34.96 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

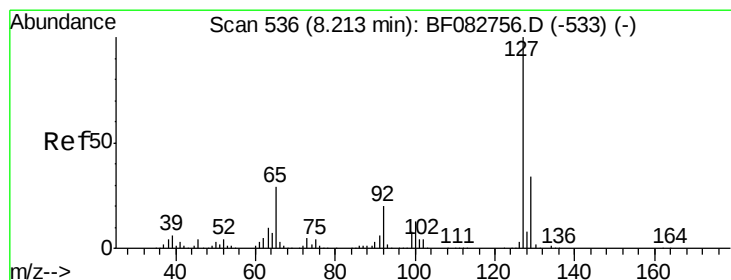
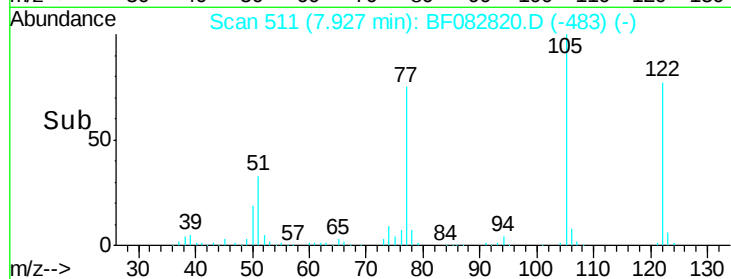
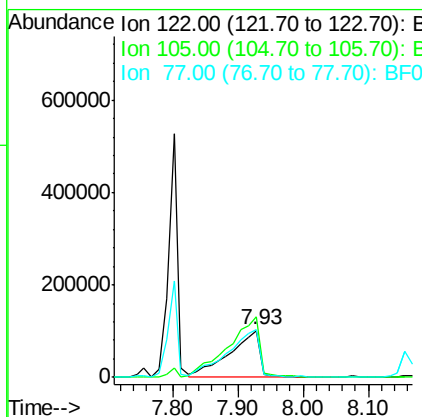
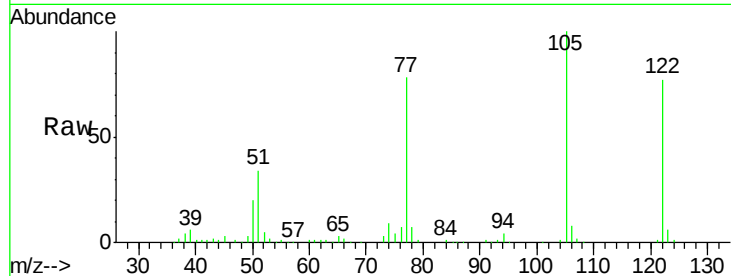
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	122	Resp:	328735
Ion Ratio	Lower	Upper	
122	100		
105	129.5	122.6	162.6
77	101.1	100.9	140.9

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#33

4-Chloroaniline

Concen: 4.32 ng m

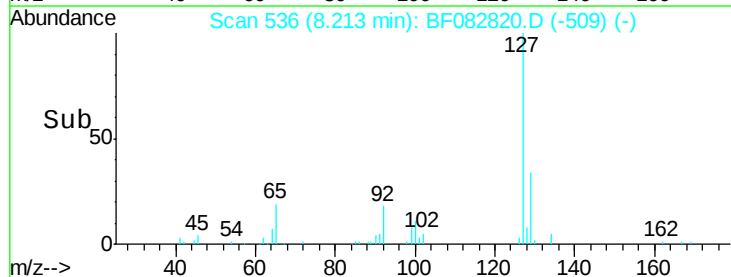
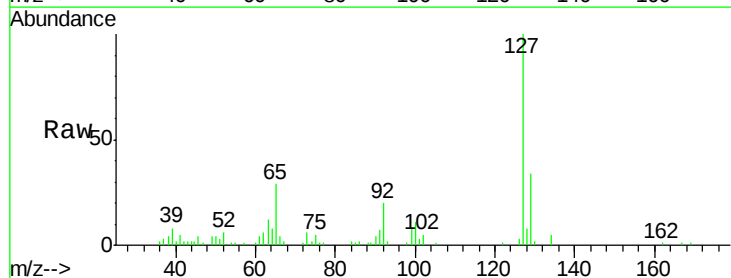
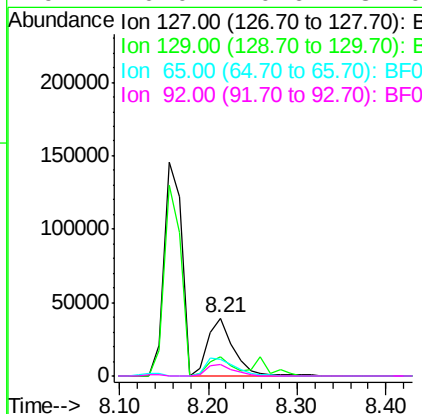
RT: 8.21 min Scan# 536

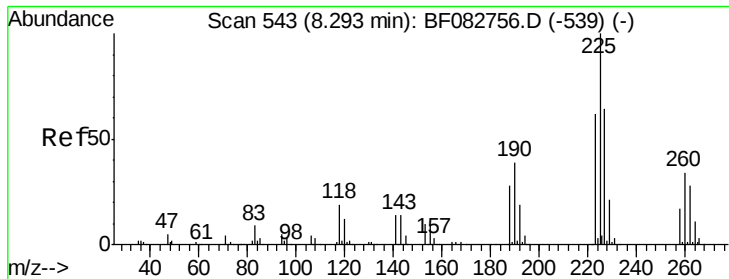
Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	127	Resp:	80120
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.3	39.5
65	29.2	37.8	56.8#
92	20.0	20.6	31.0#





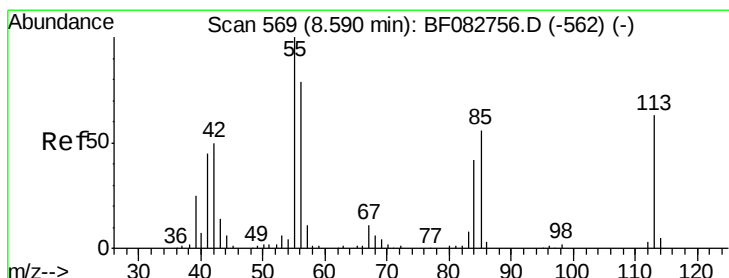
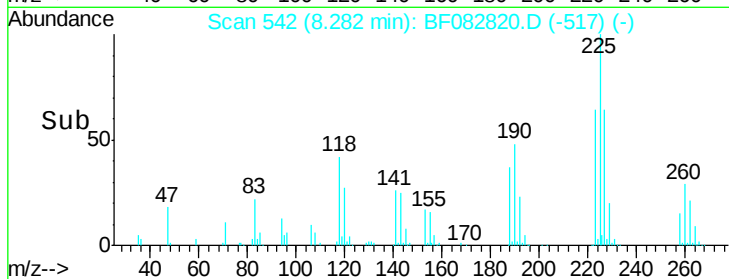
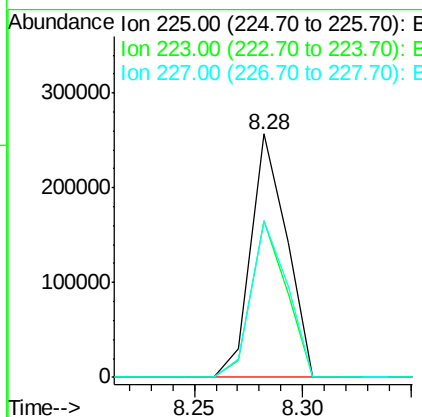
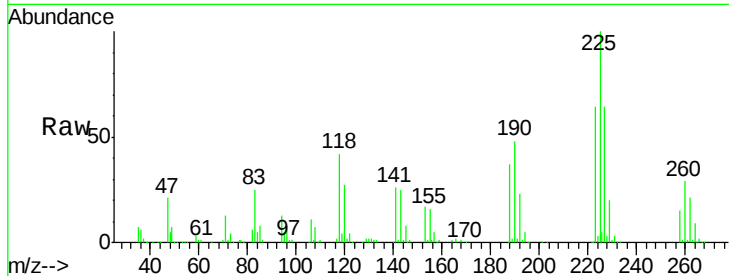
#34
Hexachlorobutadiene
Concen: 33.63 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	64.3	50.5	75.7
227	64.3	50.2	75.2

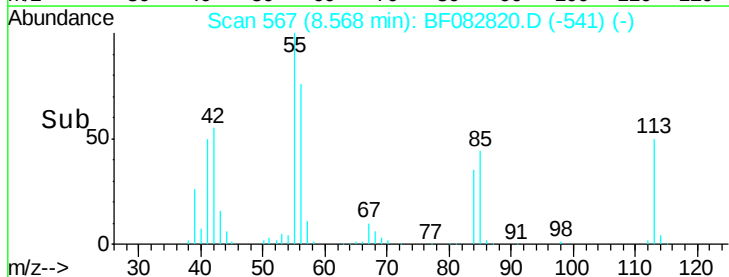
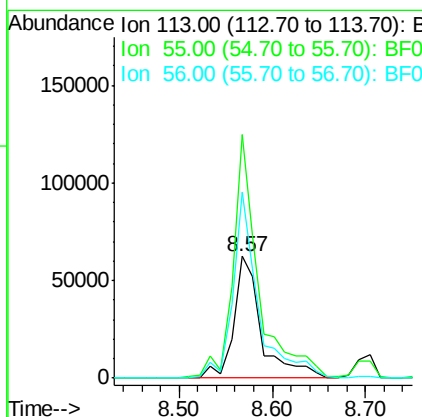
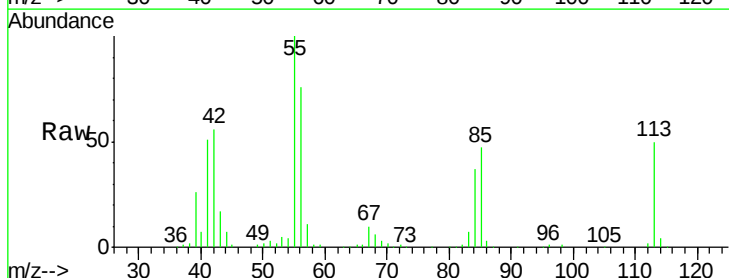
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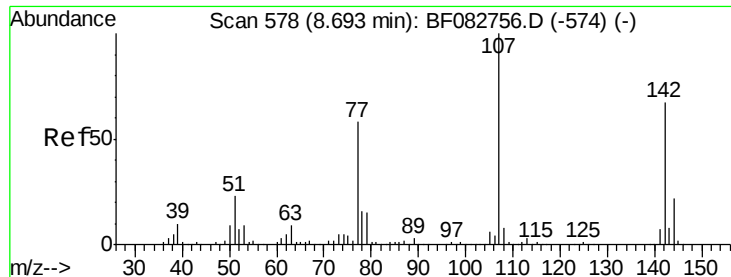
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#35
Caprolactam
Concen: 33.16 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	200.3	195.5	235.5
56	152.7	153.5	193.5#





#36

4-Chloro-3-methylphenol

Concen: 36.27 ng

RT: 8.70 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

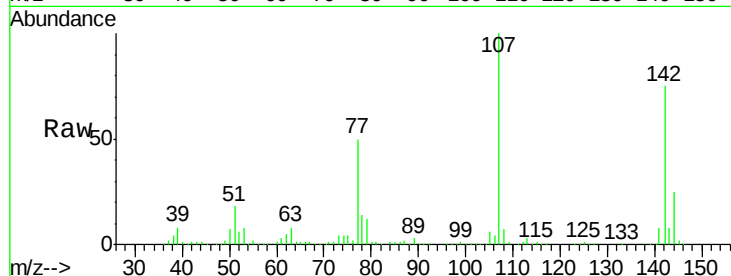
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	107	Resp:	529484
Ion Ratio	Lower	Upper	
107	100		
144	24.7	15.4	23.0#
142	74.5	47.8	71.8#

Manual Integrations
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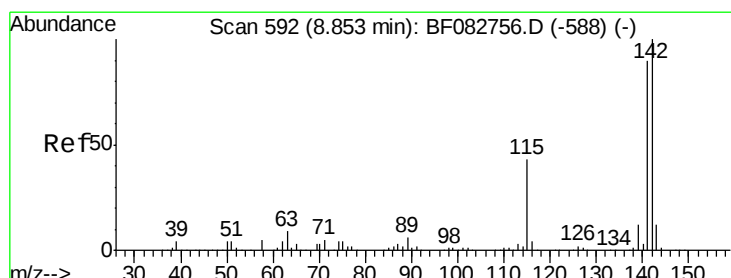
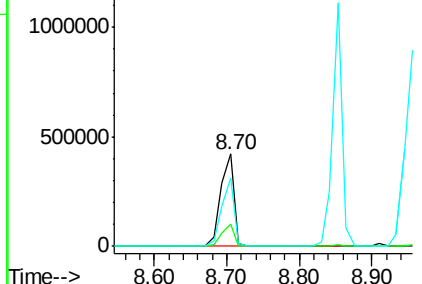
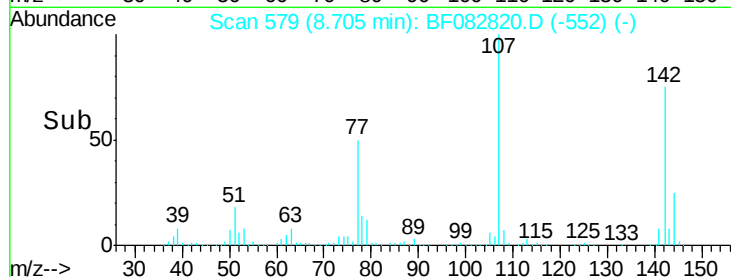
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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.16 ng

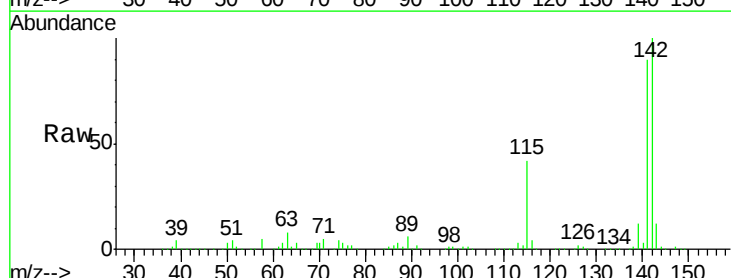
RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

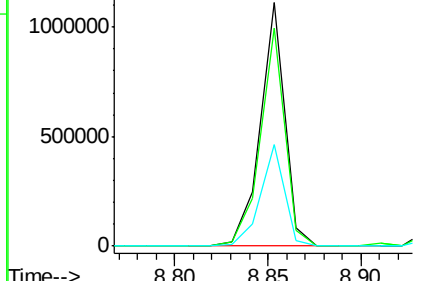
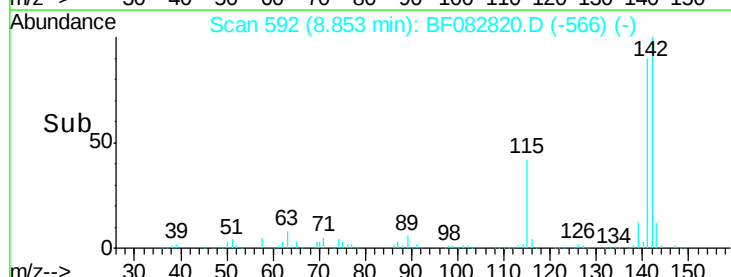
Tgt Ion:	142	Resp:	1005757
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.3	108.5
115	41.6	38.1	57.1

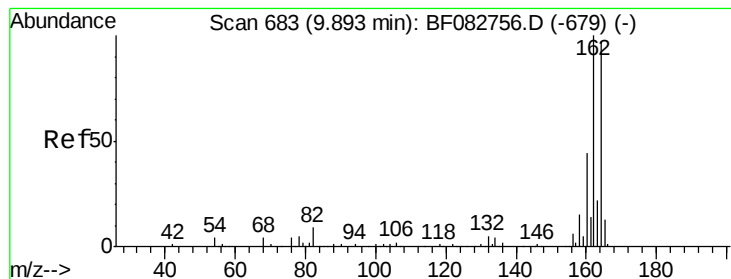


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

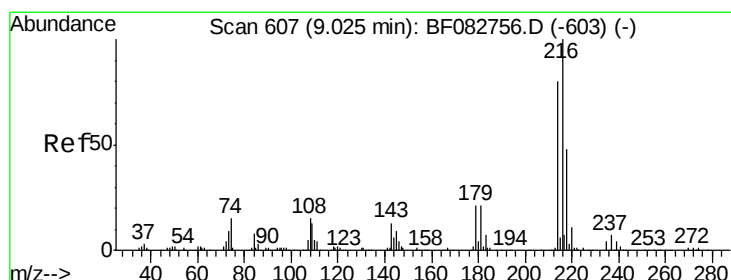
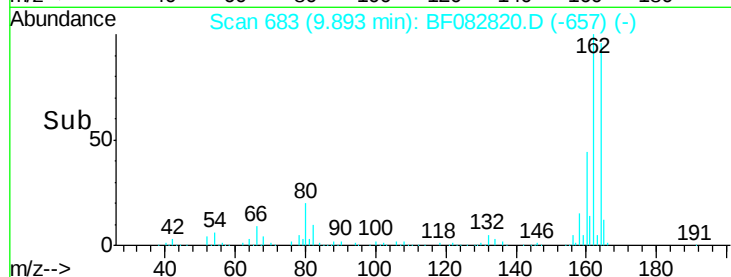
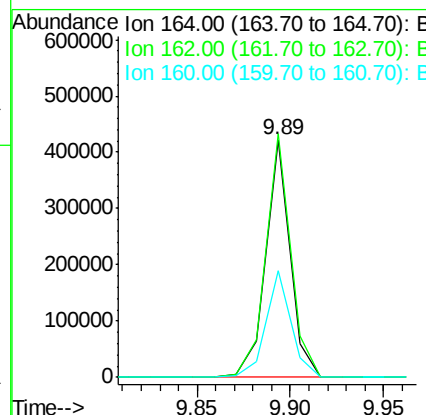
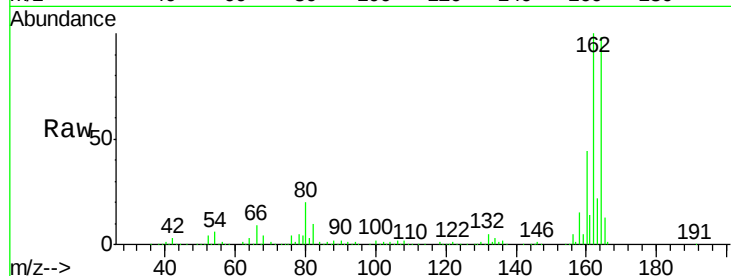
ClientSampleId :

DRUM1-31COMPOSITITEMS

Tot Ion:	164	Resp:	378448
Ion Ratio	Lower	Upper	
164	100		
162	102.6	84.9	127.3
160	44.8	37.5	56.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.47 ng

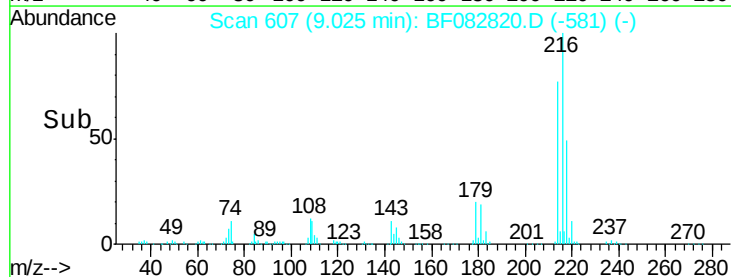
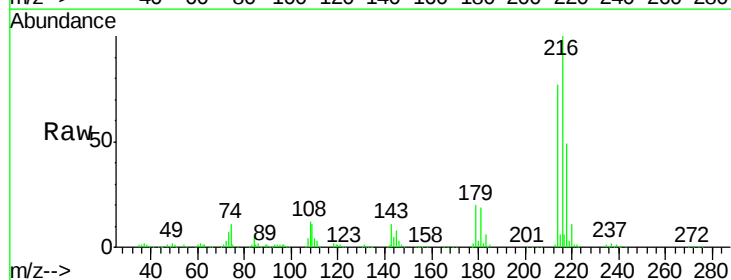
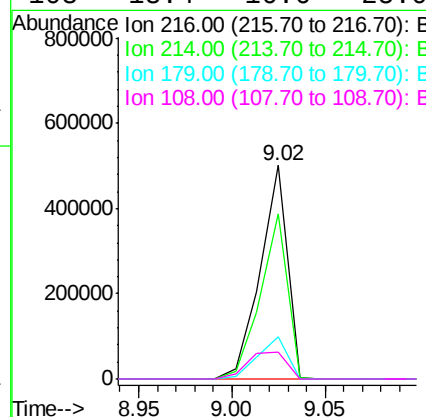
RT: 9.02 min Scan# 607

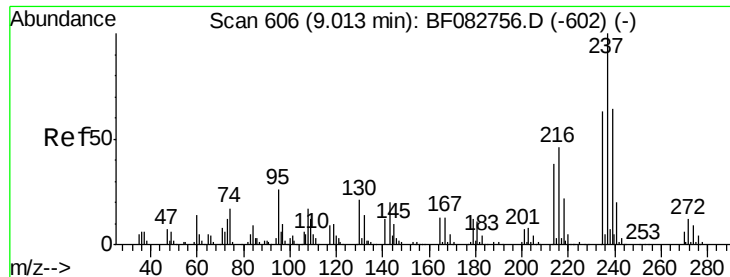
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	216	Resp:	503272
Ion Ratio	Lower	Upper	
216	100		
214	77.1	62.2	93.2
179	21.3	18.1	27.1
108	18.4	16.6	25.0





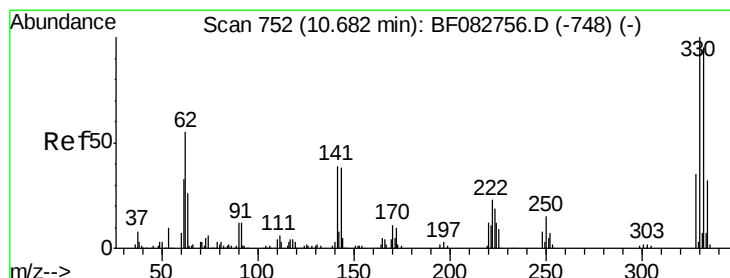
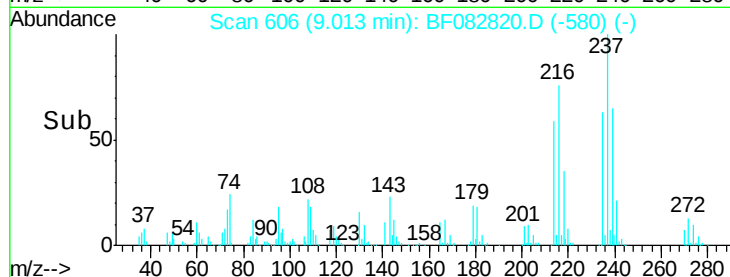
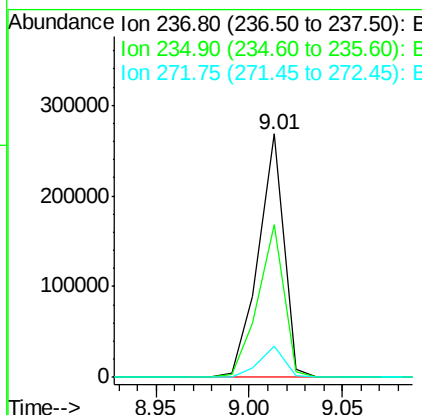
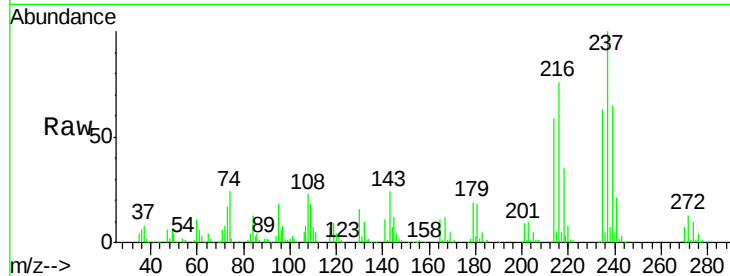
#40
Hexachlorocyclopentadiene
Concen: 38.23 ng
RT: 9.01 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.3	84.3
272	12.6	0.0	31.9

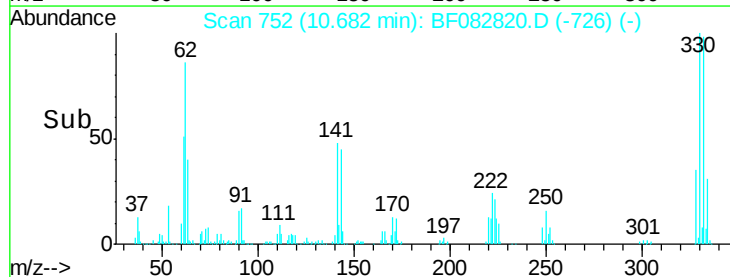
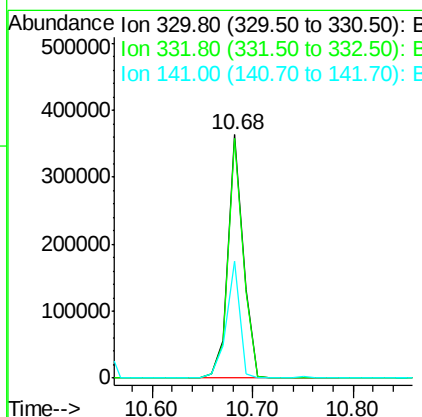
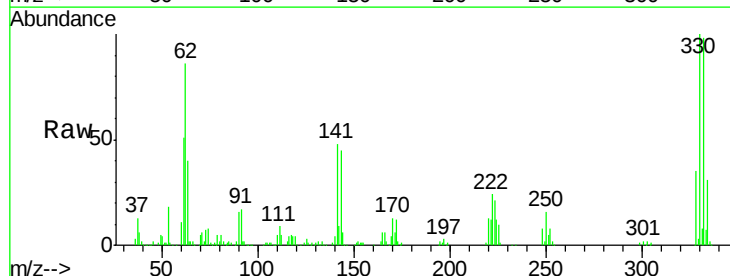
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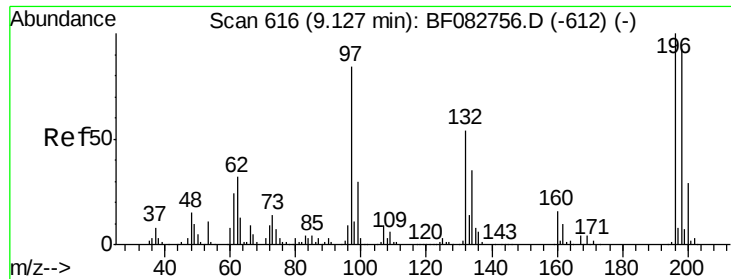
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#41
2,4,6-Tribromophenol
Concen: 89.09 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.2	76.6	114.8
141	42.0	41.2	61.8





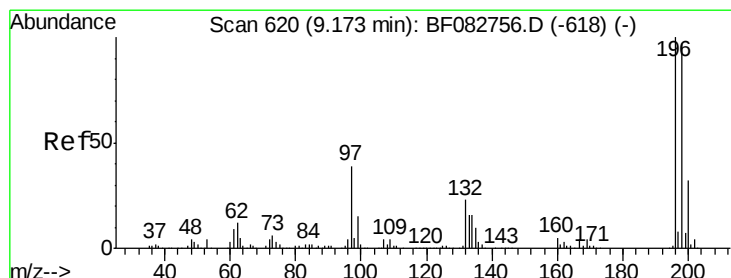
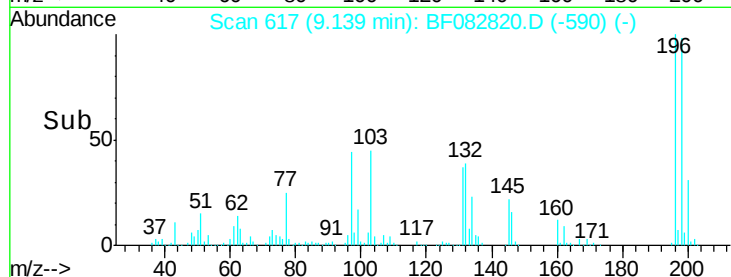
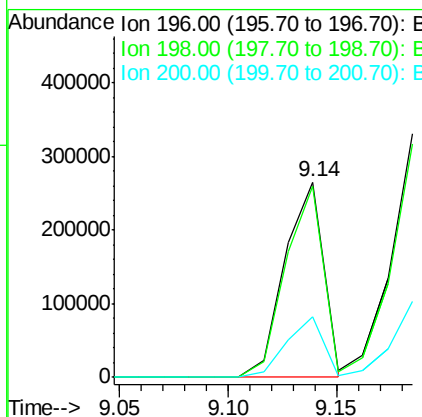
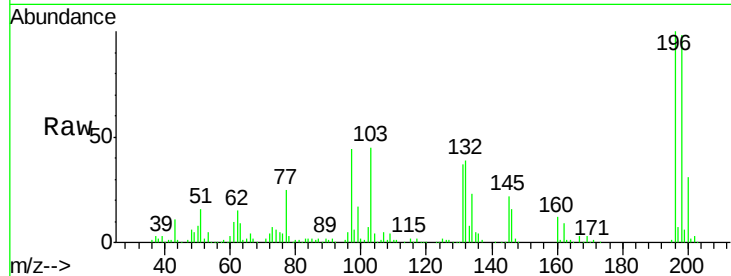
#42
 2,4,6-Trichlorophenol
 Concen: 35.54 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329897		
198	97.5	76.3	114.5	
200	31.0	23.9	35.9	

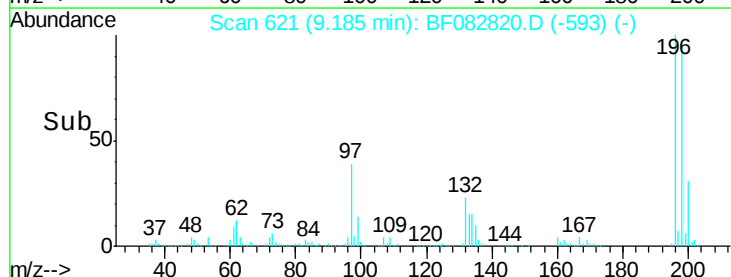
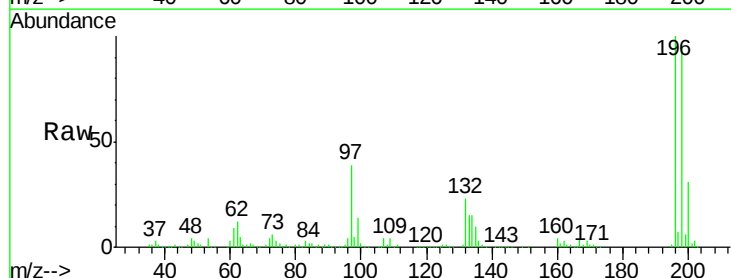
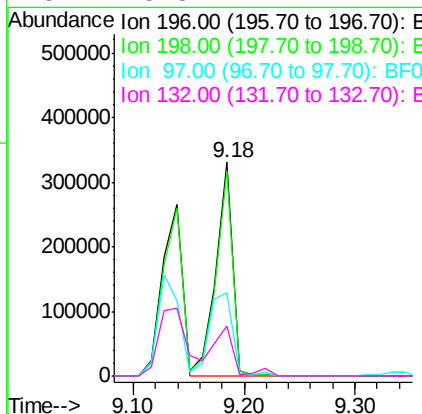
Manual Integrations
 APPROVED

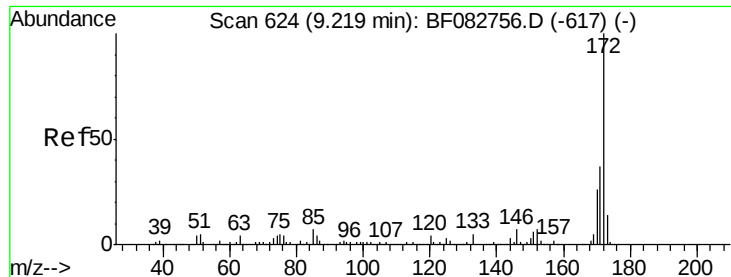
Mmdadoda
 11/9/2015 2:08:44 PM



#43
 2,4,5-Trichlorophenol
 Concen: 38.06 ng m
 RT: 9.18 min Scan# 621
 Delta R.T. 0.02 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349477		
198	95.6	75.8	113.8	
97	39.2	62.3	93.5#	
132	23.3	27.4	41.2#	





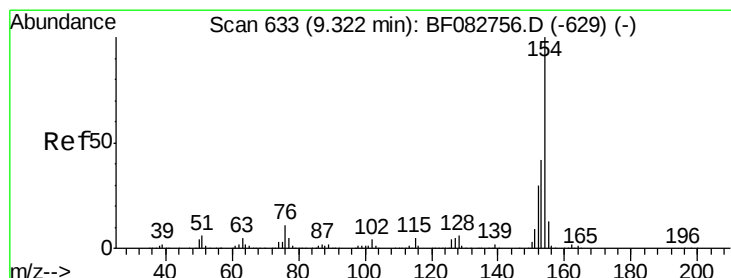
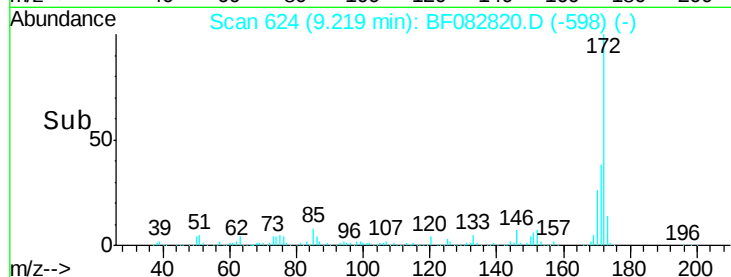
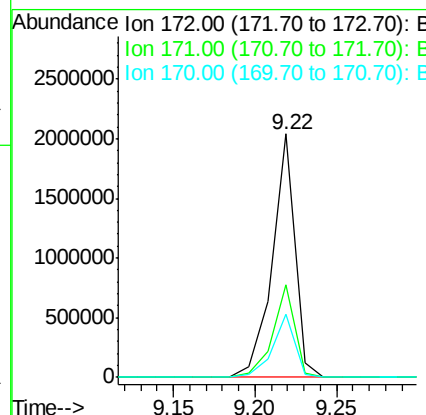
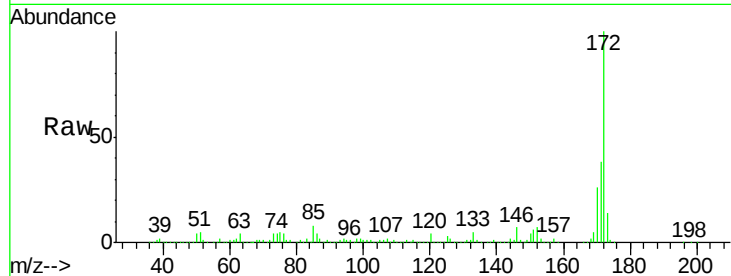
#44
2-Fluorobiphenyl
Concen: 75.04 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	26.1	21.2	31.8

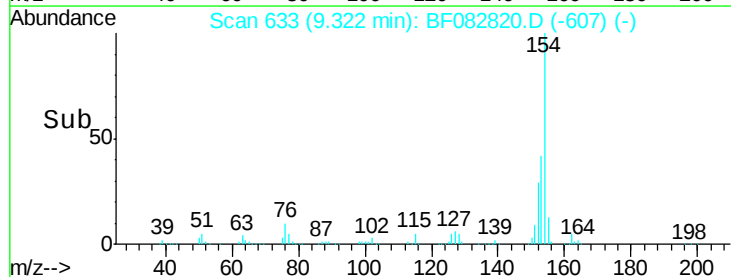
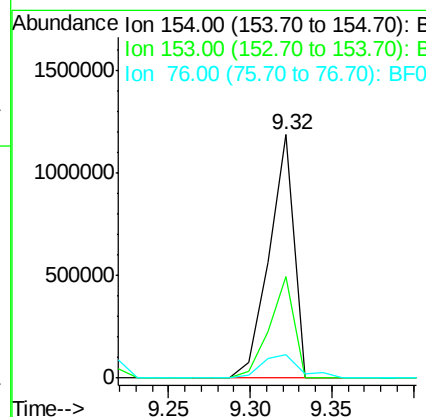
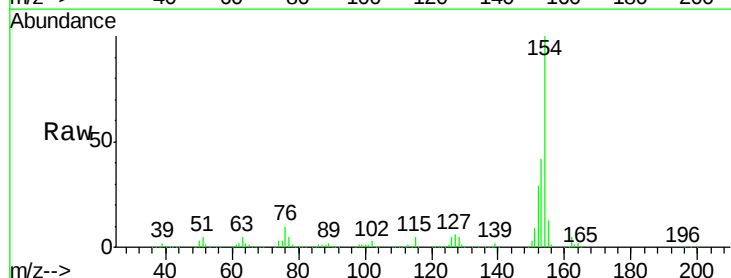
Manual Integrations
APPROVED

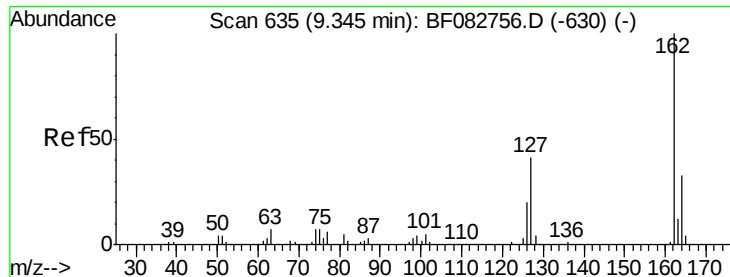
Mmdadoda
11/9/2015 2:08:44 PM



#45
1,1'-Biphenyl
Concen: 38.88 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.0	62.0
76	9.7	0.0	29.0





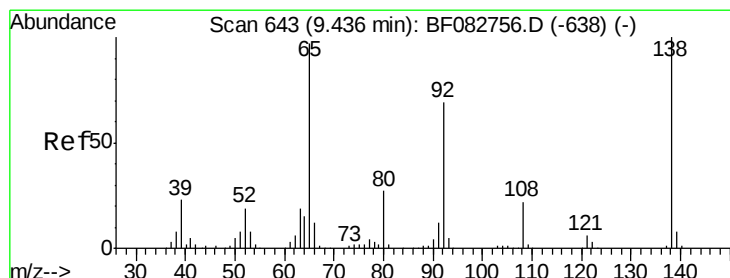
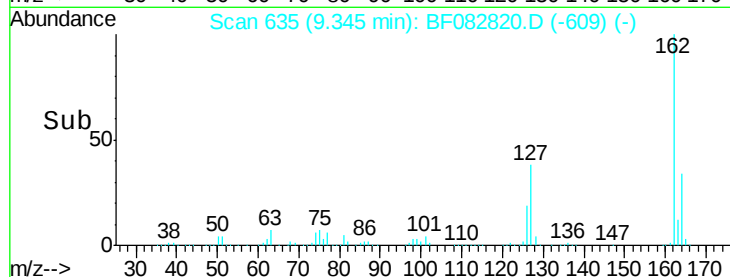
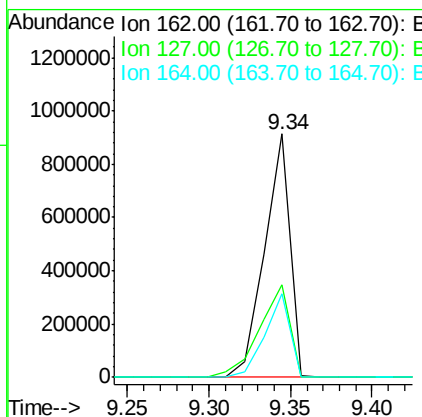
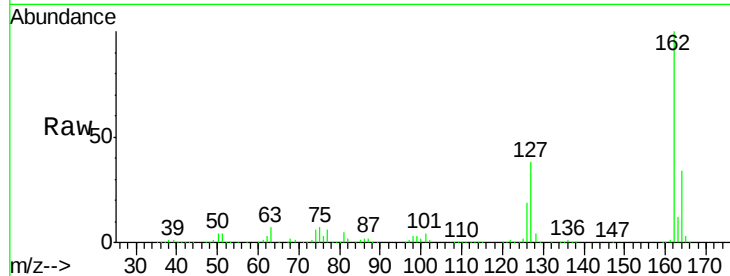
#46
2-Chloronaphthalene
Concen: 39.08 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.7	49.1
164	34.4	27.4	41.0

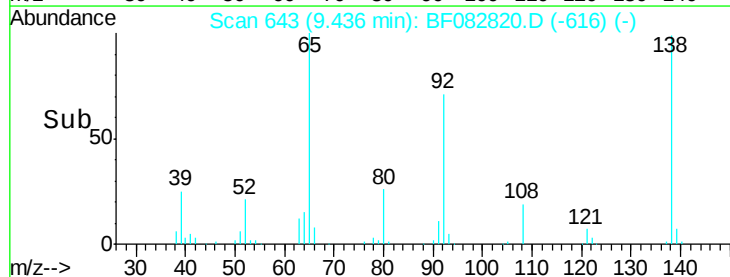
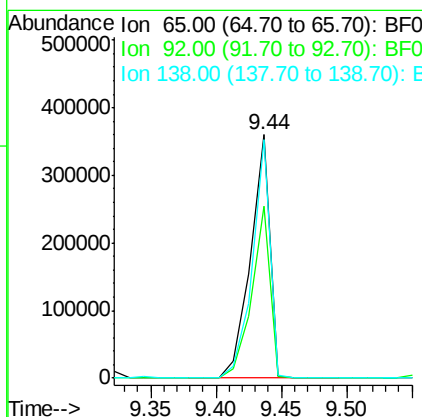
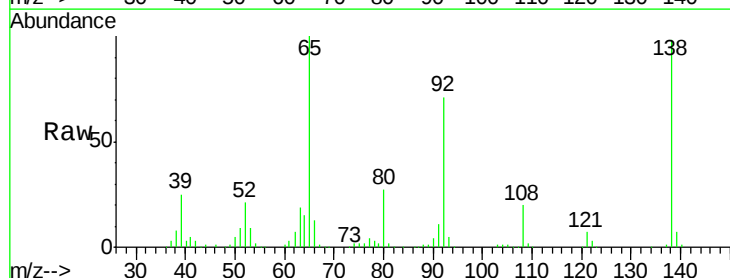
Manual Integrations
APPROVED

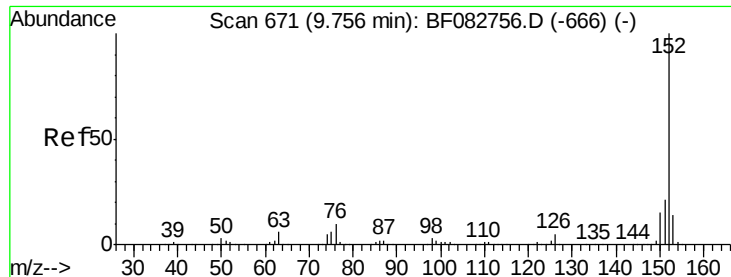
Mmdadoda
11/9/2015 2:08:44 PM



#47
2-Nitroaniline
Concen: 39.69 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	46.6	70.0#
138	98.2	54.6	81.8#





#48

Acenaphthylene

Concen: 36.46 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:152 Resp: 1447415

Ion Ratio Lower Upper

152 100

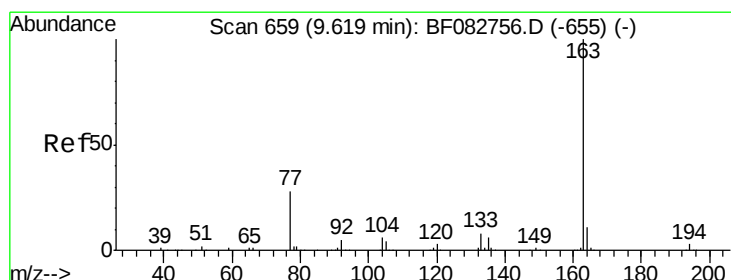
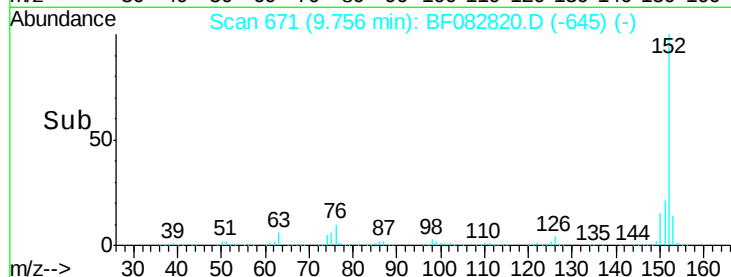
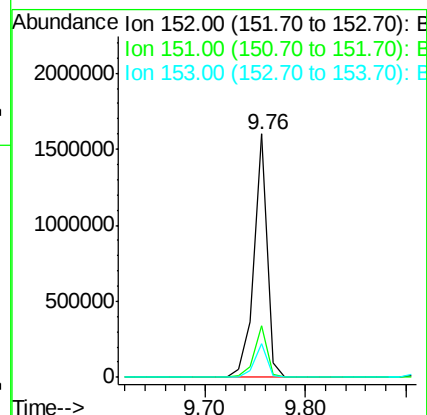
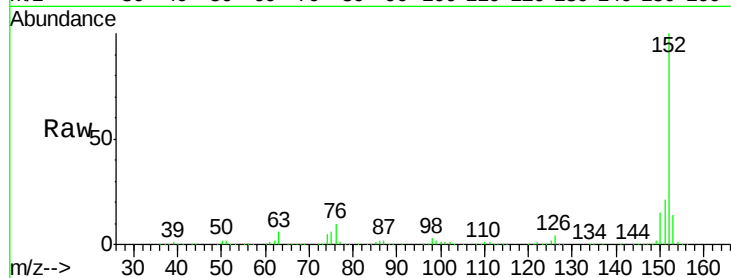
151 21.4 17.3 25.9

153 13.9 11.3 16.9

Manual Integrations
APPROVED

Mmdadoda

11/9/2015 2:08:44 PM



#49

Dimethylphthalate

Concen: 34.56 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

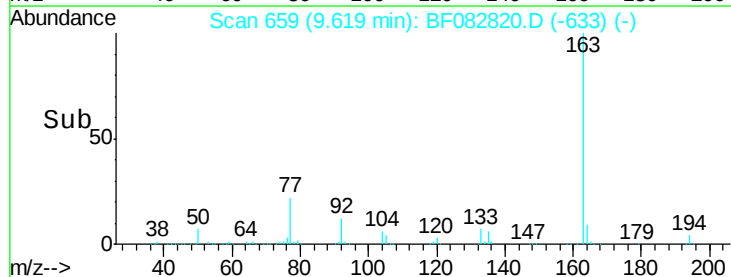
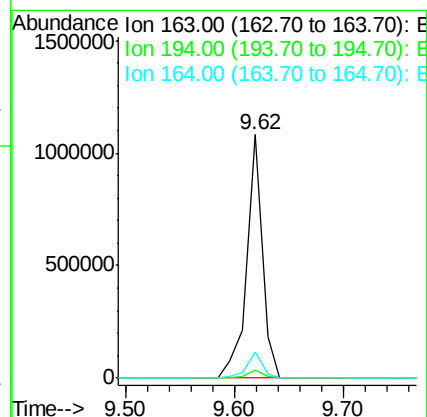
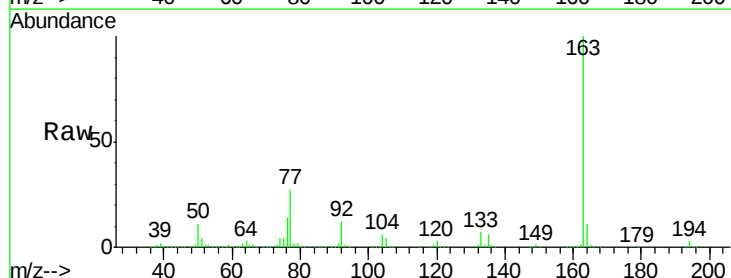
Tgt Ion:163 Resp: 1071433

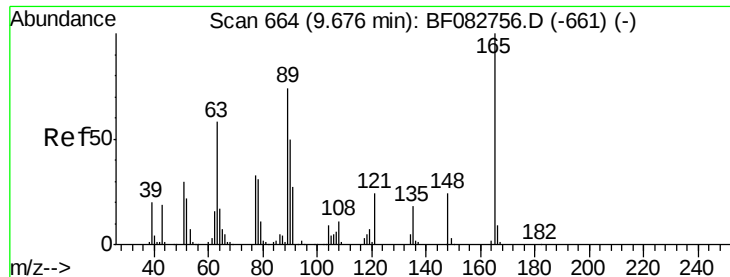
Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.6 8.7 13.1





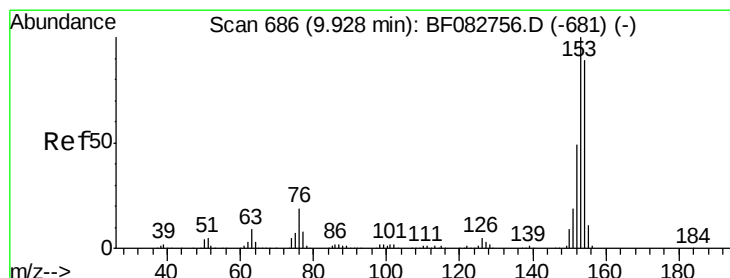
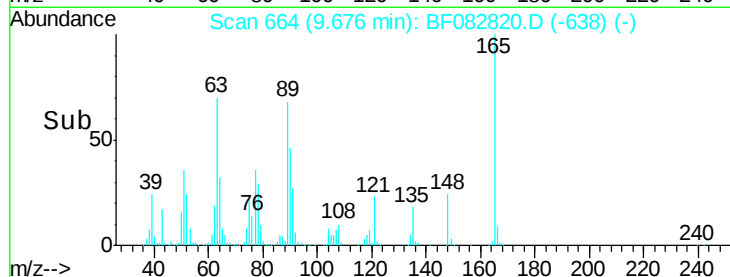
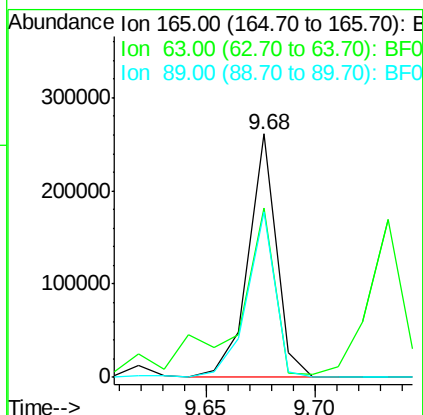
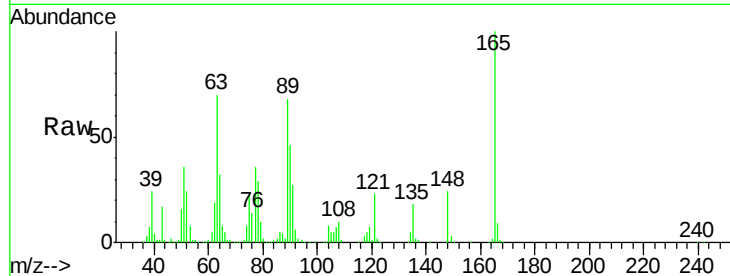
#50
2,6-Dinitrotoluene
Concen: 35.63 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	235745		
63	69.7	55.5	83.3	
89	67.8	55.0	82.6	

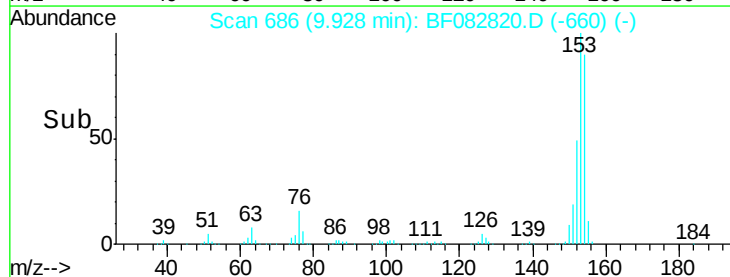
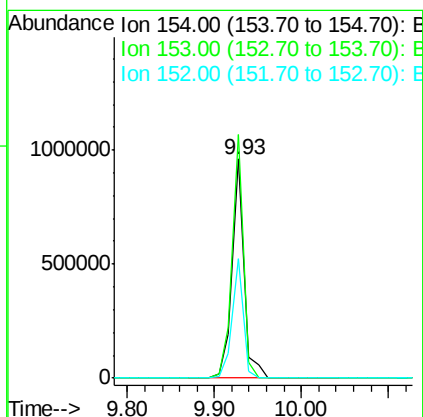
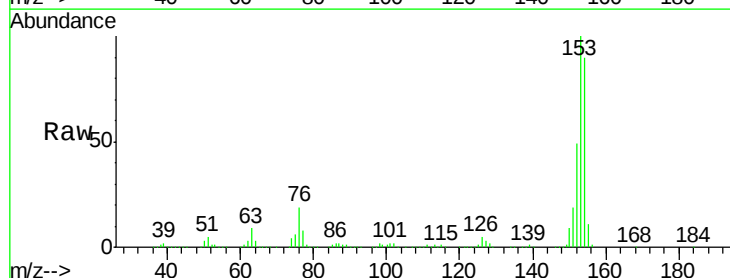
Manual Integrations
APPROVED

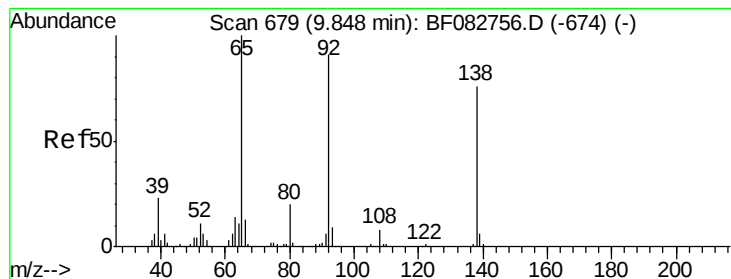
Mmdadoda
11/9/2015 2:08:44 PM



#51
Acenaphthene
Concen: 36.37 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	914992		
153	111.1	90.1	135.1	
152	54.4	44.3	66.5	





#52

3-Nitroaniline

Concen: 13.21 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

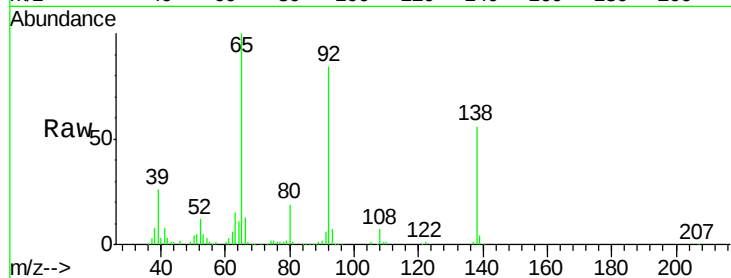
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:138	Resp:	96154
Ion Ratio	Lower	Upper
138	100	
108	11.7	11.3 16.9
92	149.4	122.4 183.6

Manual Integrations
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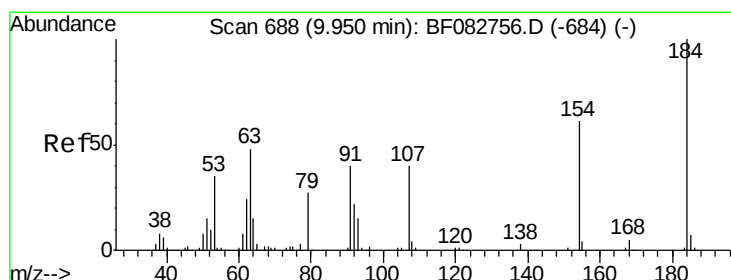
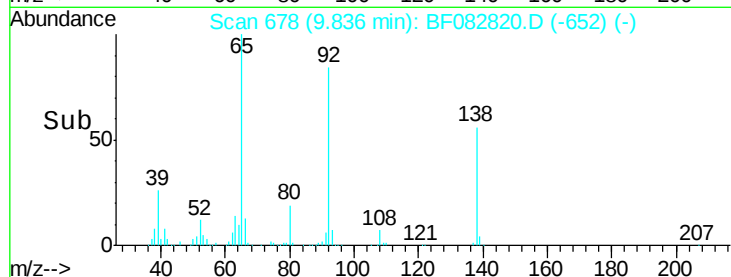
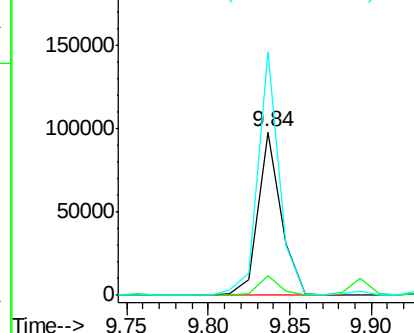
Mmdadoda
11/9/2015 2:08:44 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 28.01 ng

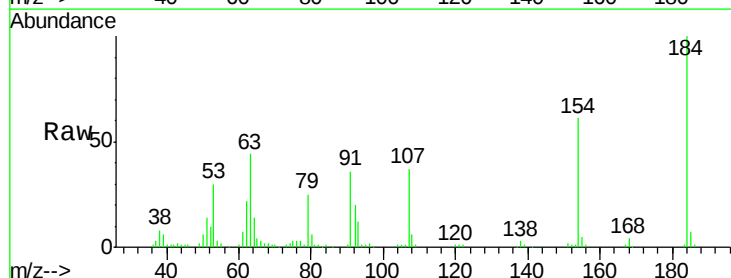
RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

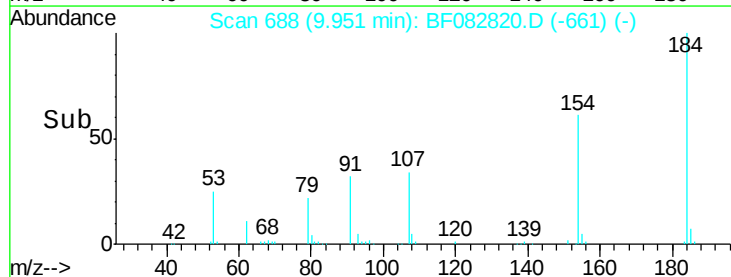
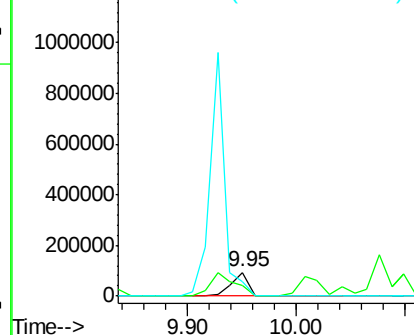
Tgt Ion:184	Resp:	101732
Ion Ratio	Lower	Upper
184	100	
63	43.8	98.6 148.0#
154	61.4	183.9 275.9#

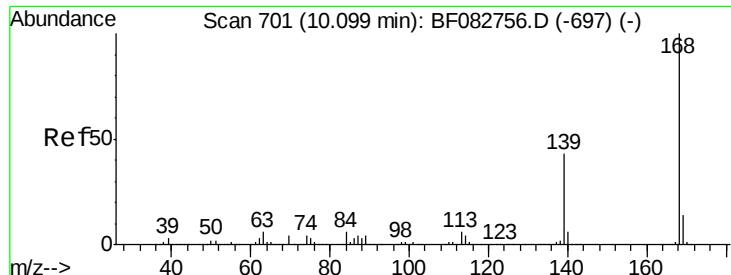


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





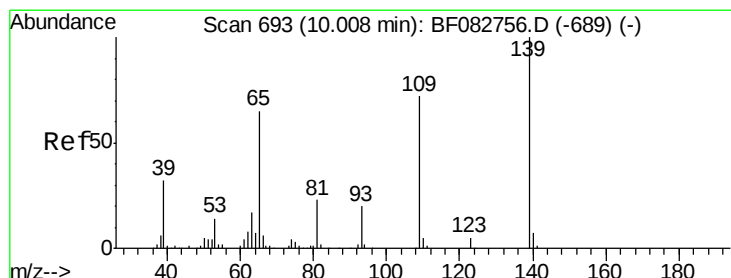
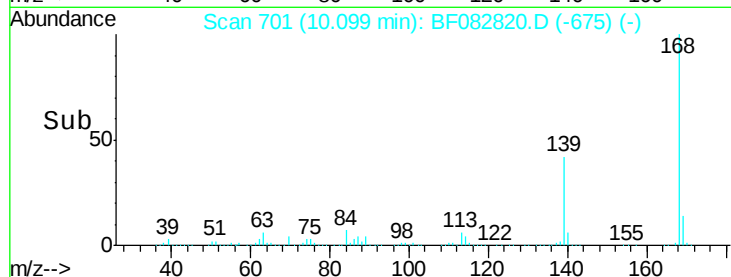
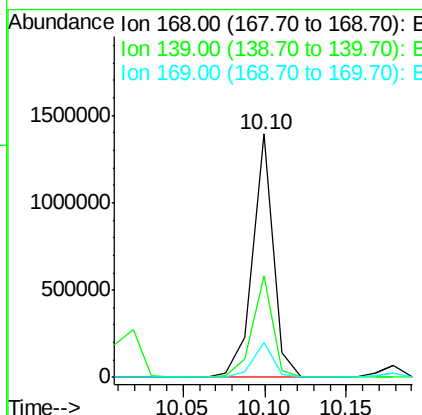
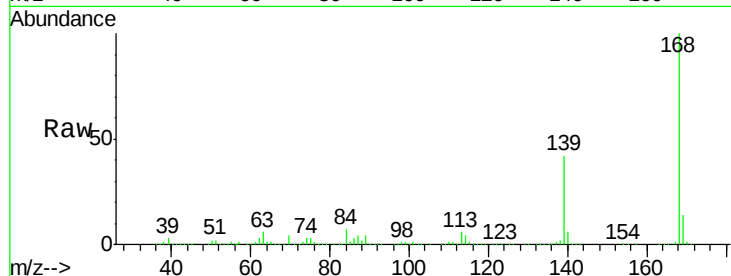
#54
Dibenzenofuran
Concen: 36.24 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	37.8	56.6
169	14.1	11.3	16.9

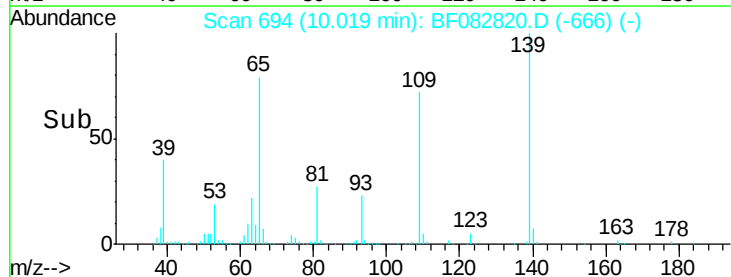
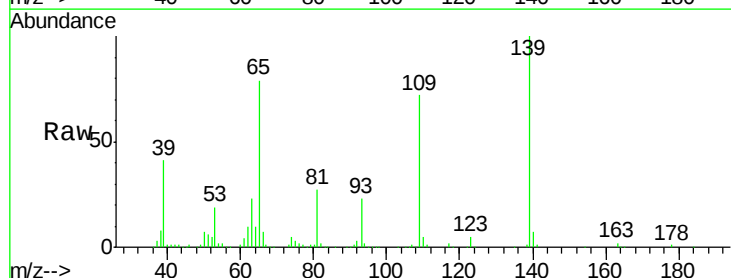
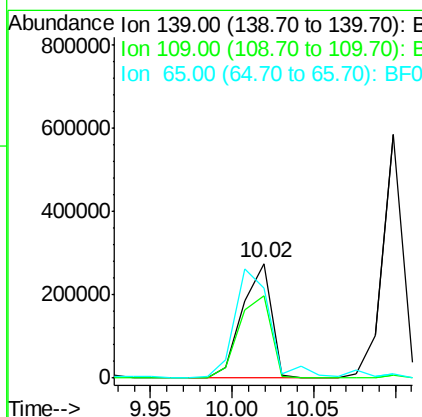
Manual Integrations
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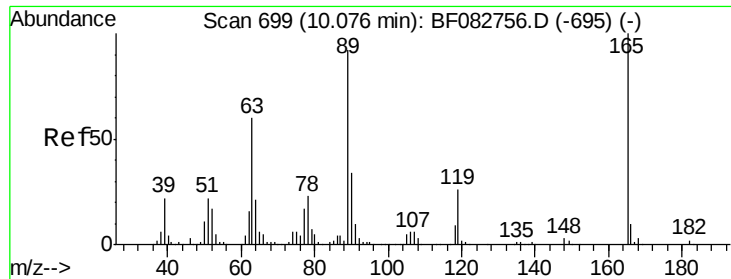
Mmdadoda
11/9/2015 2:08:44 PM



#55
4-Nitrophenol
Concen: 61.30 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	73.7	113.7#
65	78.9	82.9	122.9#





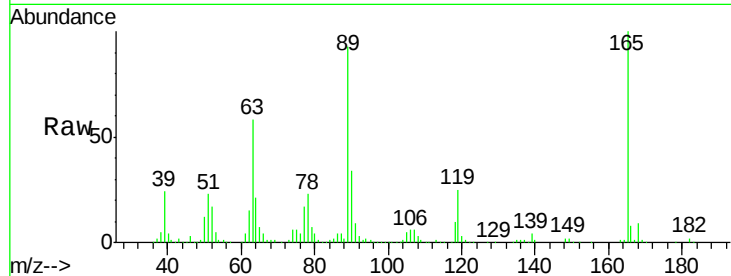
#56
2,4-Dinitrotoluene
Concen: 32.89 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

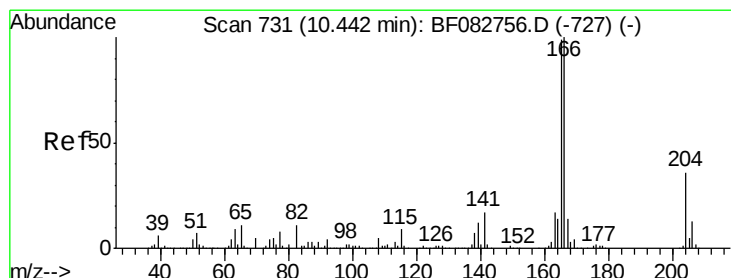
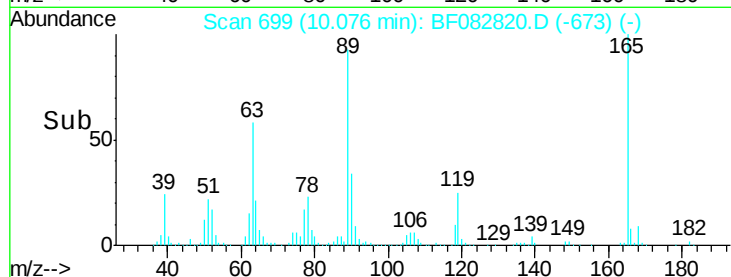
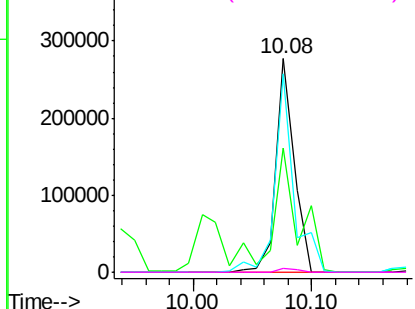
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		295258		
63	58.1		43.4	65.0	
89	93.0		70.6	106.0	
182	1.9		1.5	2.3	

Manual Integrations
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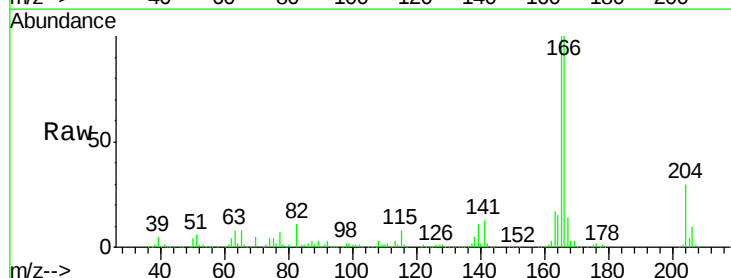


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

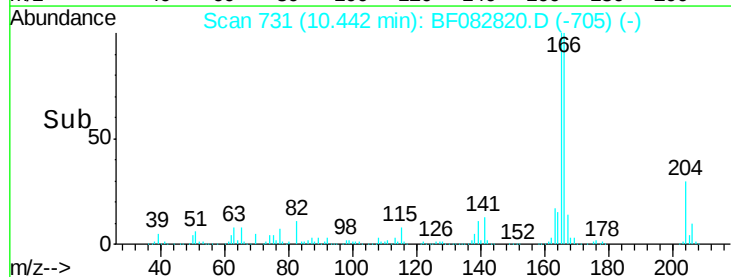
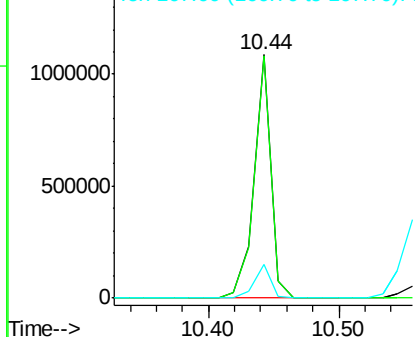


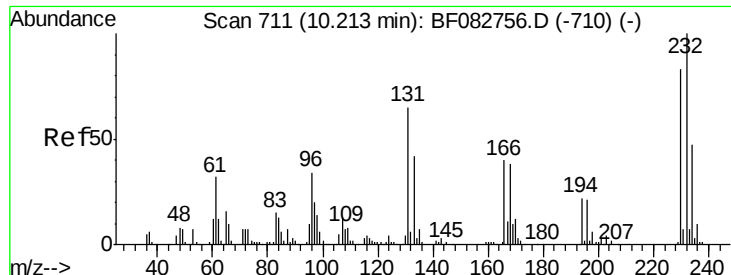
#57
Fluorene
Concen: 35.41 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		972676		
165	99.5		80.2	120.4	
167	14.0		11.2	16.8	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





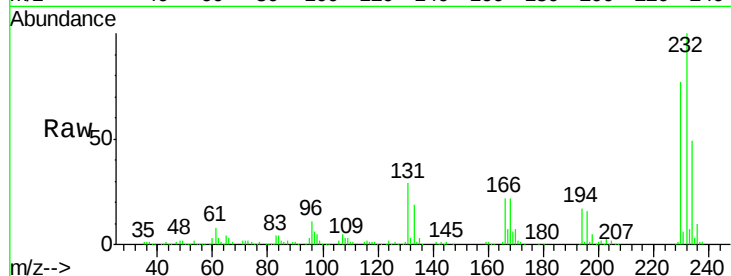
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.30 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

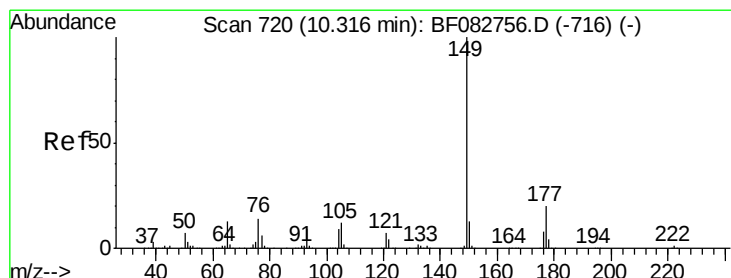
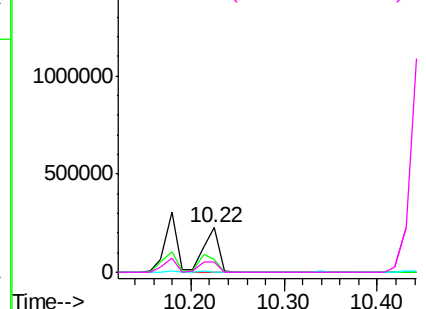
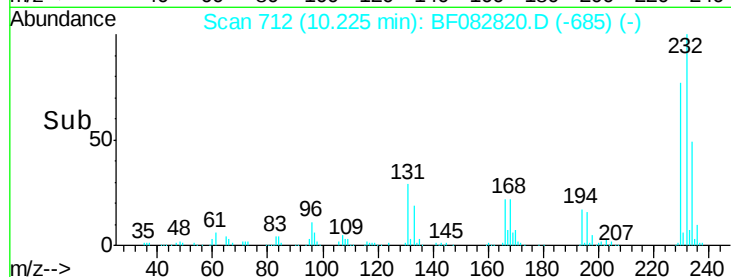
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.0	46.2	69.2#
130	1.8	2.4	3.6#
166	29.9	28.2	42.2

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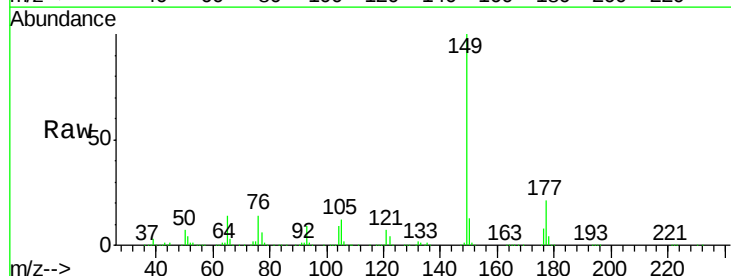


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

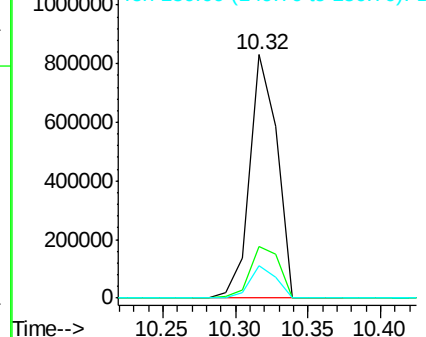
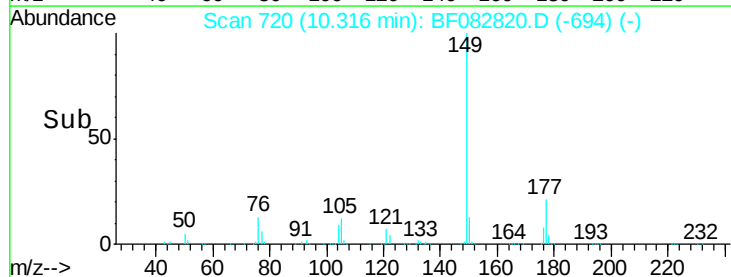


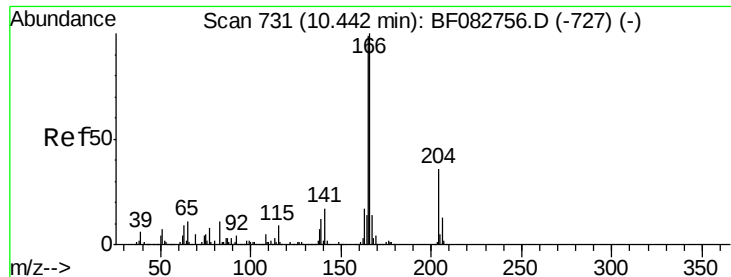
#59
 Diethylphthalate
 Concen: 35.70 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.0	17.9	26.9
150	13.1	10.1	15.1



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





#60

4-Chlorophenyl-phenylether

Concen: 33.97 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

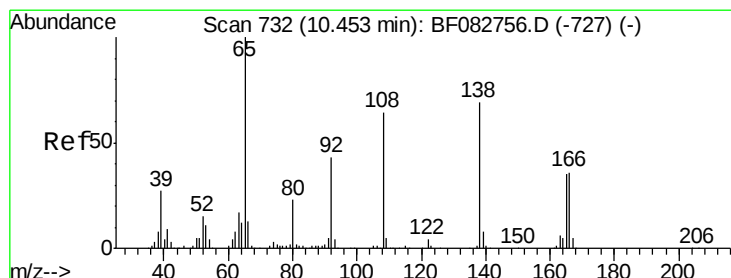
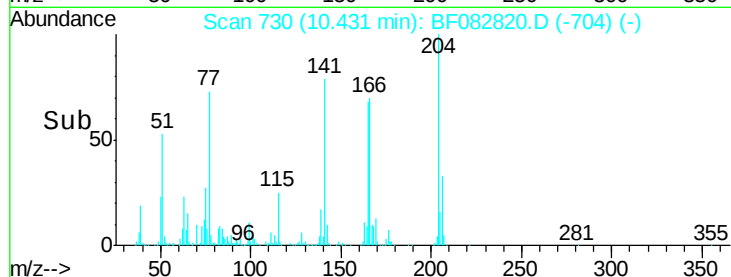
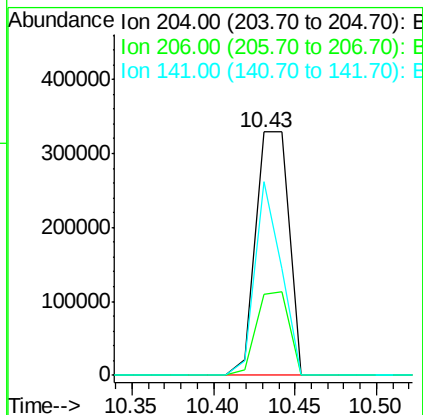
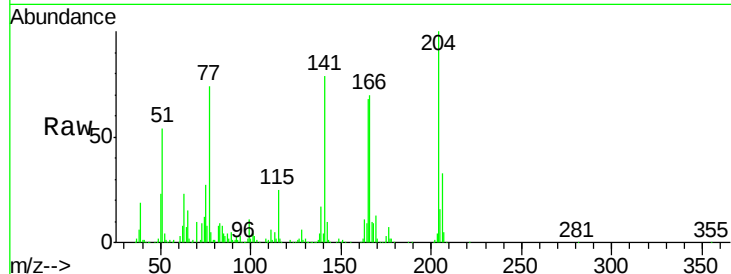
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	204	Resp:	466941
Ion Ratio	Lower	Upper	
204	100		
206	33.3	28.5	42.7
141	79.4	44.6	66.8#

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Mmdadoda
11/9/2015 2:08:44 PM



#61

4-Nitroaniline

Concen: 24.72 ng

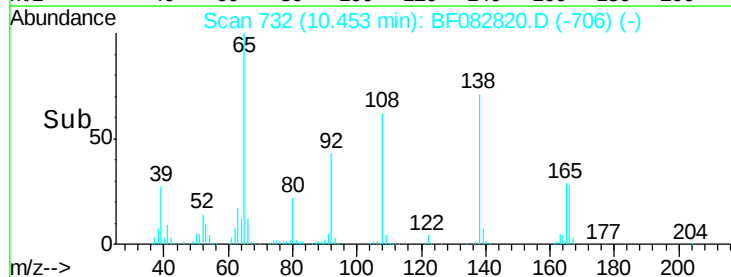
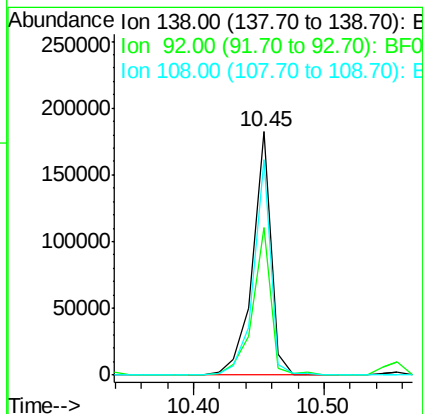
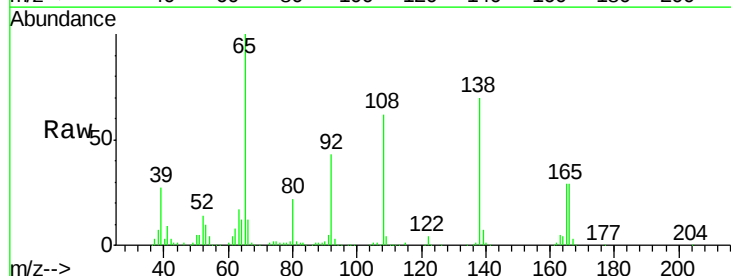
RT: 10.45 min Scan# 732

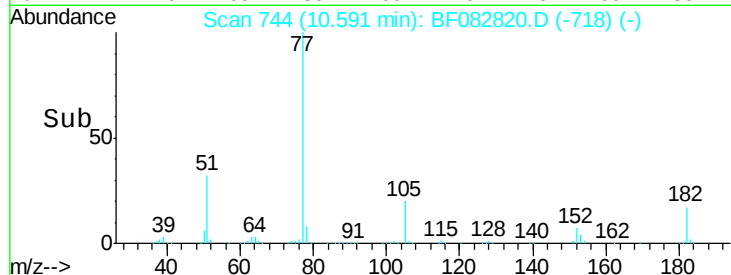
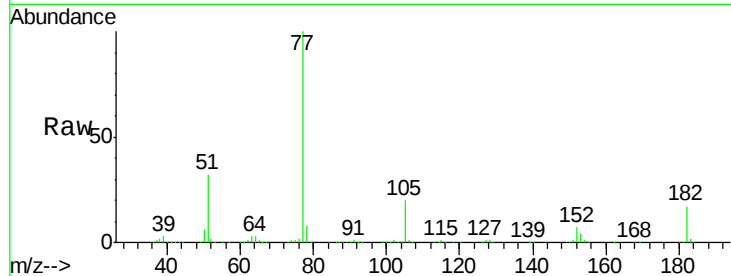
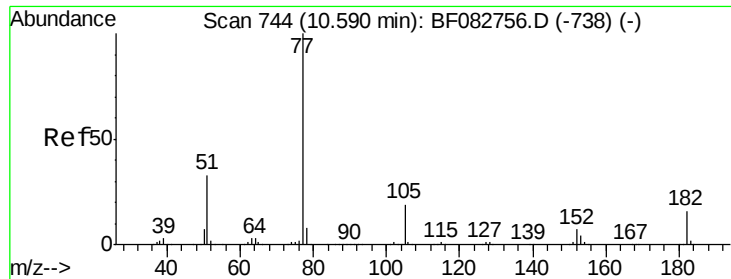
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	138	Resp:	180905
Ion Ratio	Lower	Upper	
138	100		
92	60.8	45.8	85.8
108	88.5	89.4	129.4#





#62

Azobenzene

Concen: 35.36 ng

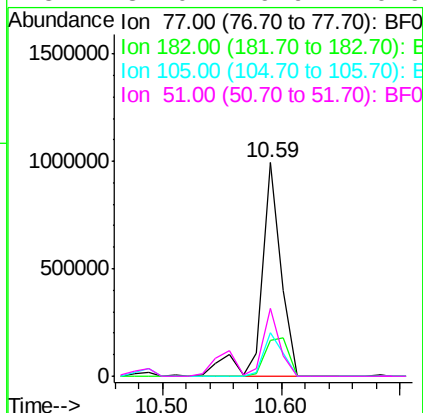
RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

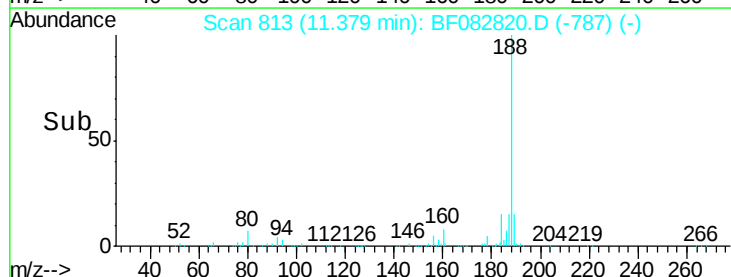
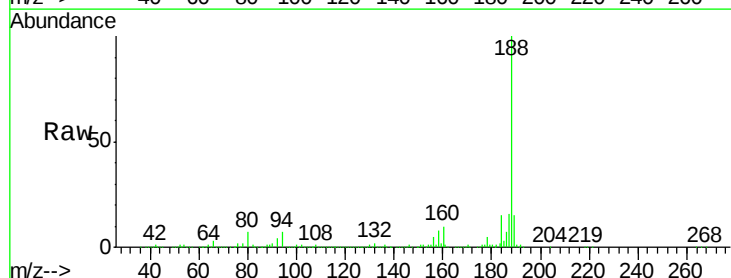
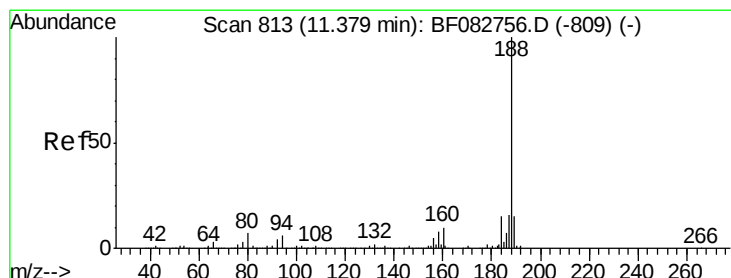
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	16.7	9.3	49.3	
105	20.3	2.6	42.6	
51	32.0	9.9	49.9	



Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITITEMS

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

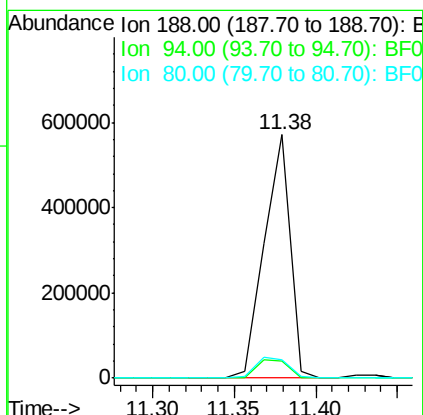
RT: 11.38 min Scan# 813

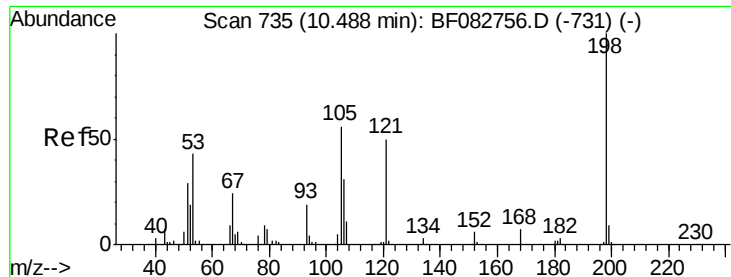
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.8	6.1	9.1	
80	7.4	7.0	10.6	





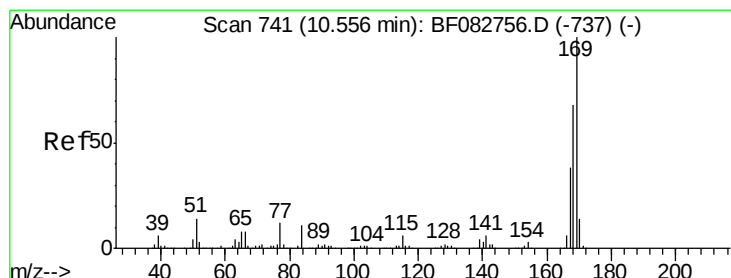
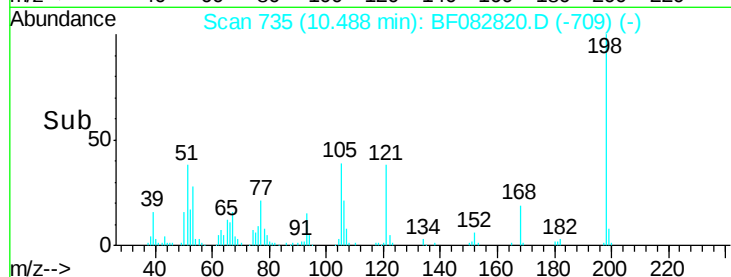
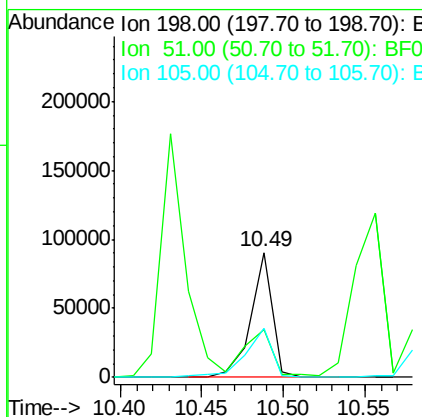
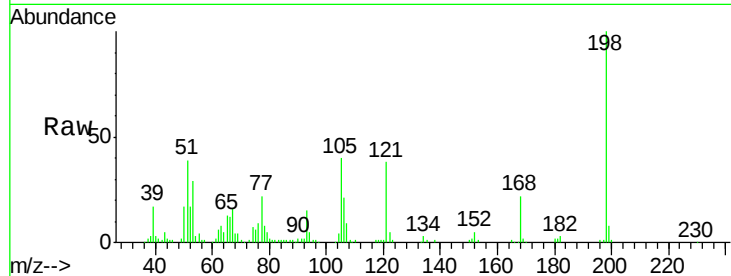
#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.32 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	82635		
51	38.7	17.3	57.3	
105	39.6	21.7	61.7	

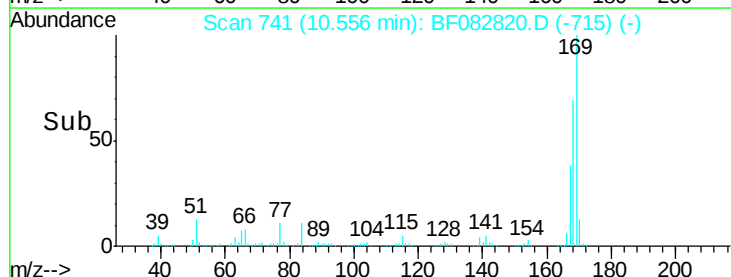
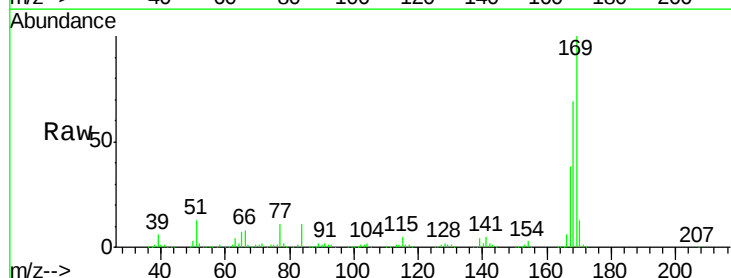
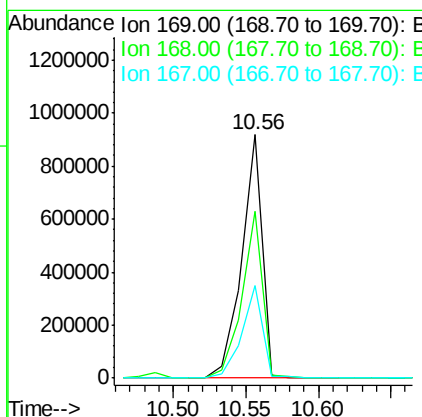
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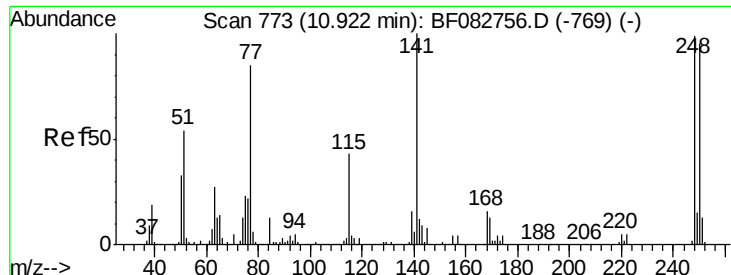
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#65
 n-Nitrosodiphenylamine
 Concen: 39.31 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	899170		
168	68.8	55.0	82.6	
167	38.3	30.5	45.7	





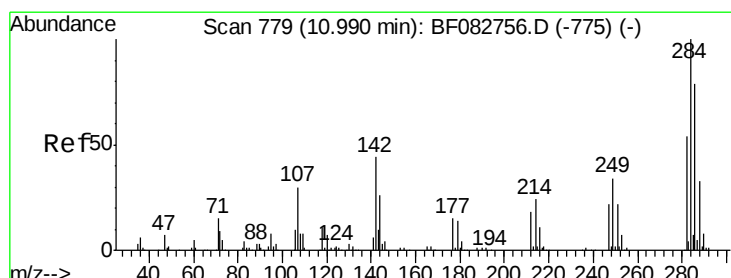
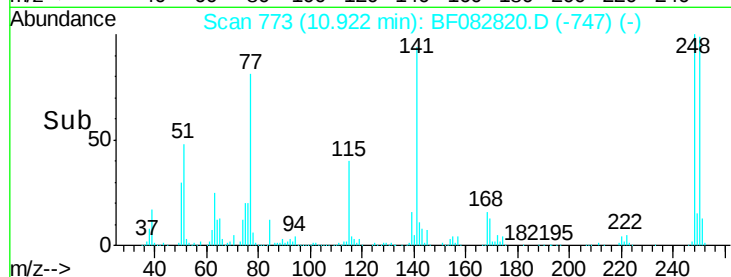
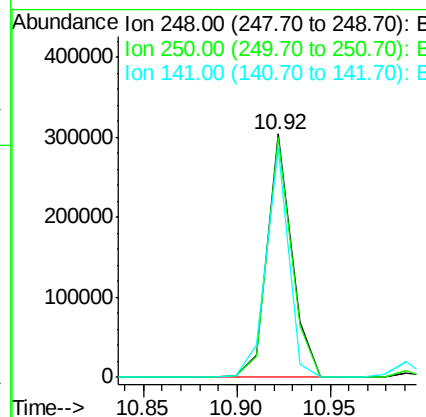
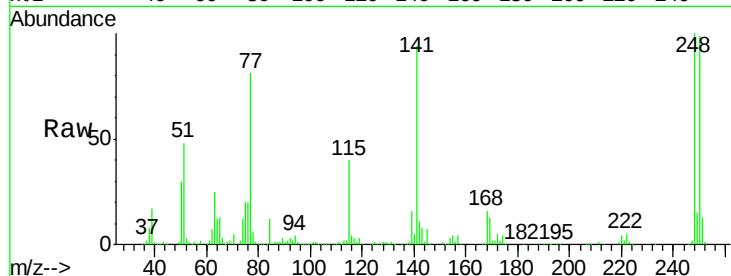
#66
 4-Bromophenyl-phenylether
 Concen: 36.24 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	276317		
250	98.6	79.4	119.2	
141	94.4	36.3	54.5#	

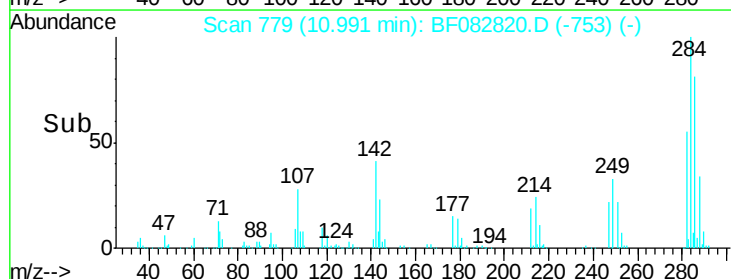
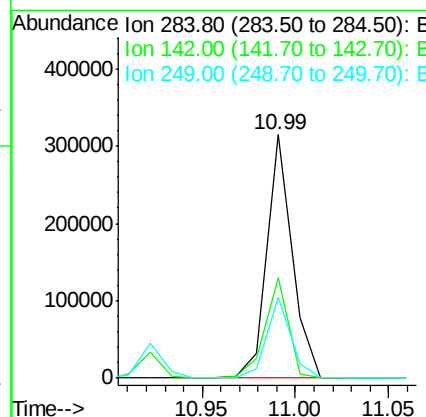
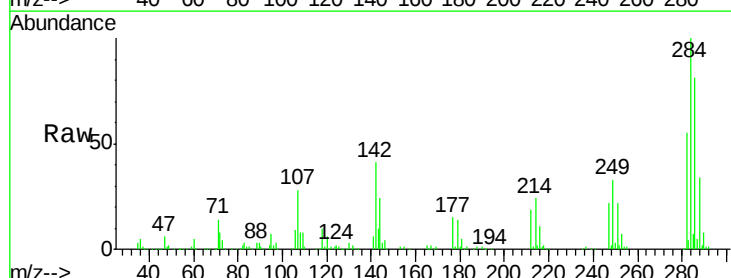
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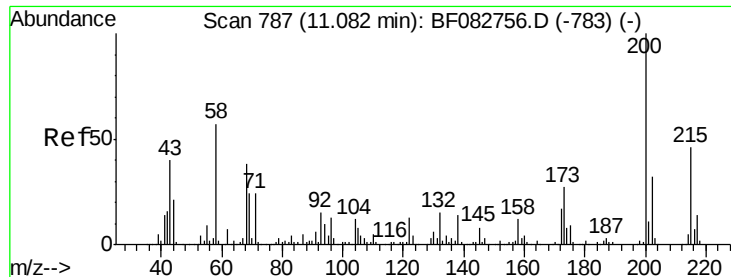
Mmdadoda
 11/9/2015 2:08:44 PM



#67
 Hexachlorobenzene
 Concen: 34.49 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	293620		
142	41.3	47.9	71.9#	
249	33.2	29.7	44.5	





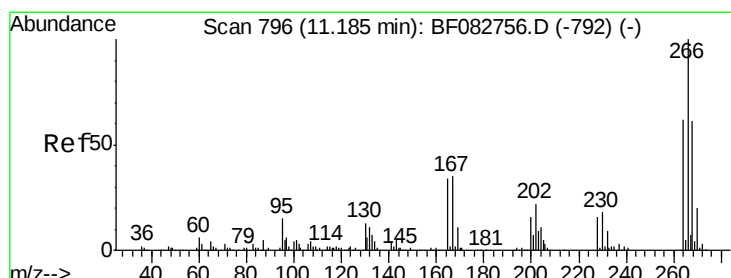
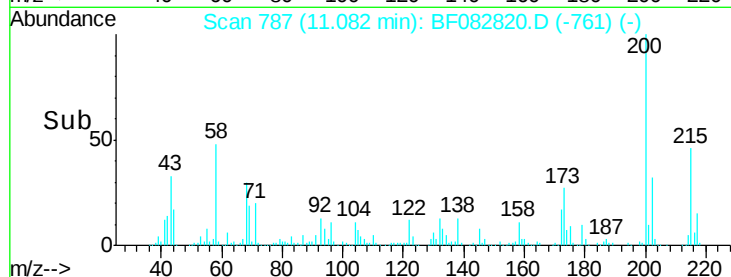
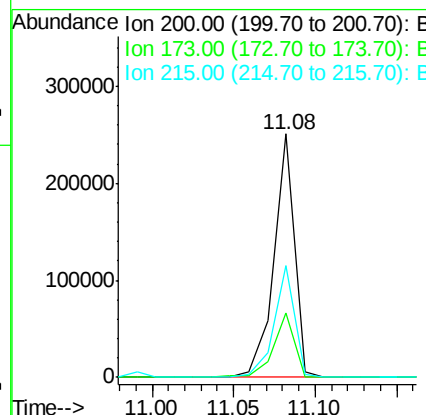
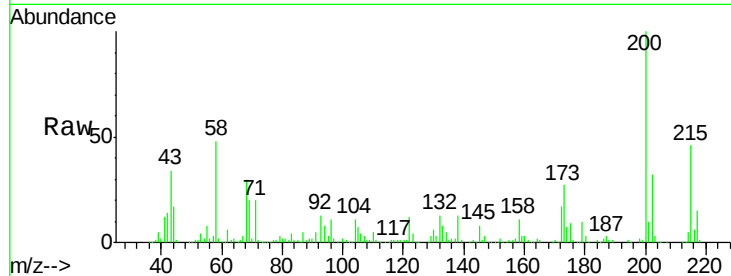
#68
Atrazine
Concen: 31.07 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.9	46.9
215	46.1	22.9	62.9

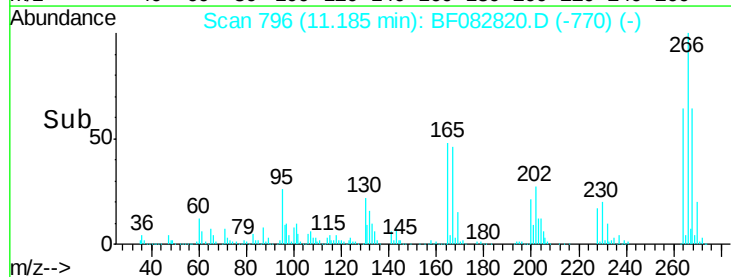
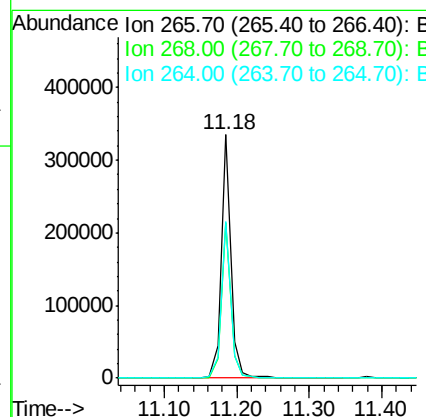
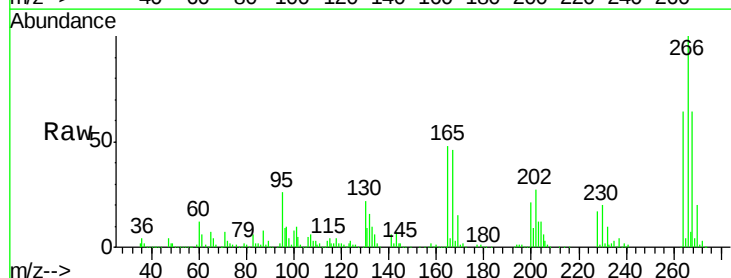
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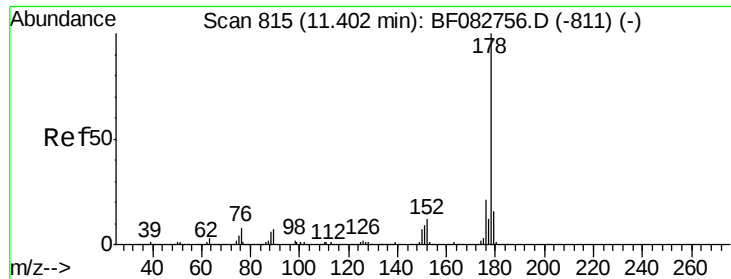
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#69
Pentachlorophenol
Concen: 59.89 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	51.0	76.6
264	64.4	50.6	75.8





#70

Phenanthrene

Concen: 37.75 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITITEMS

Tot Ion:178 Resp: 1388329

Ion Ratio Lower Upper

178 100

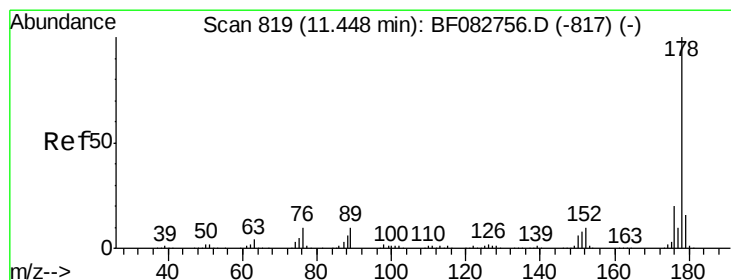
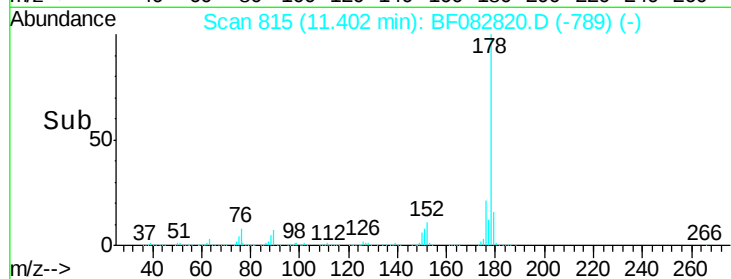
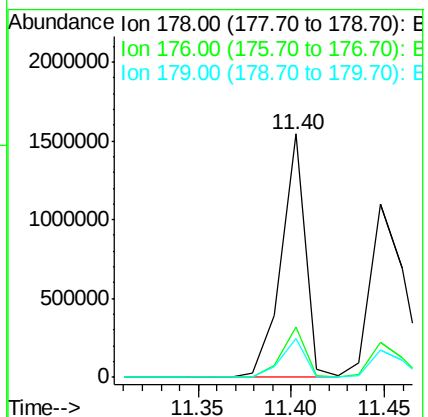
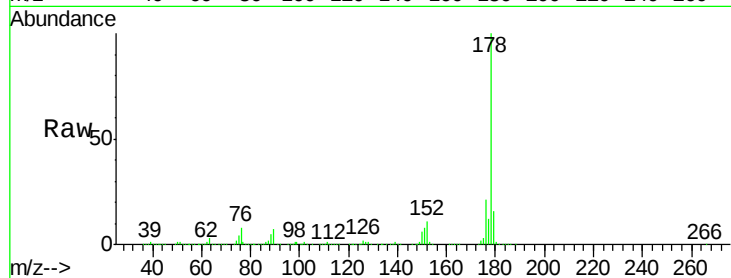
176 20.6 17.0 25.4

179 16.2 13.4 20.0

Manual Integrations
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#71

Anthracene

Concen: 33.40 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

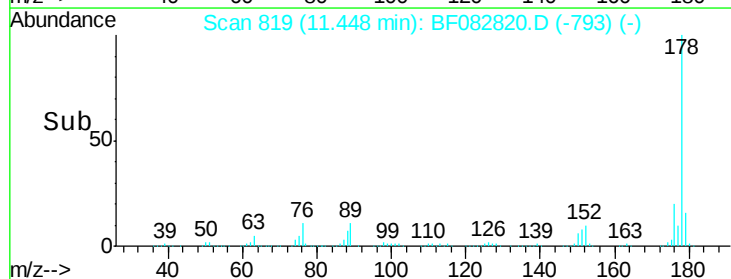
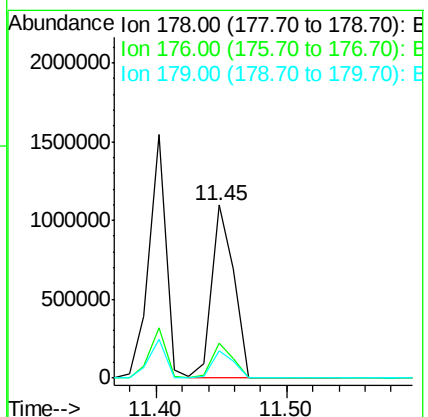
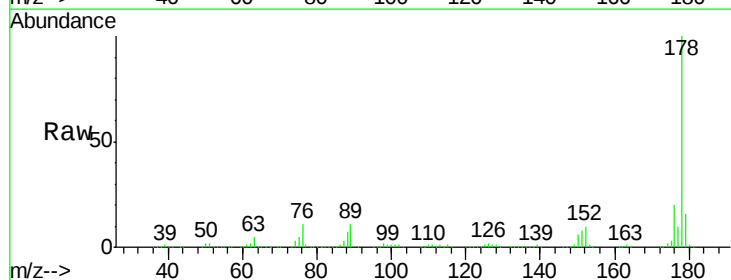
Tgt Ion:178 Resp: 1293991

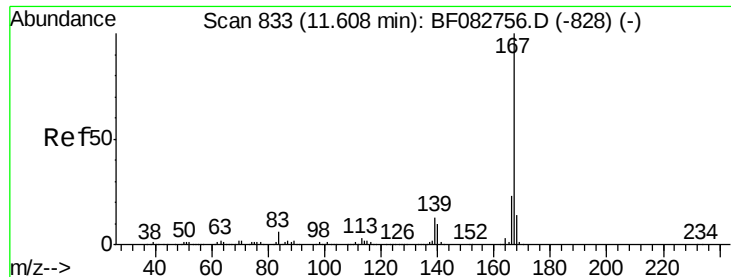
Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 15.9 13.2 19.8





#72
 Carbazole
 Concen: 36.78 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

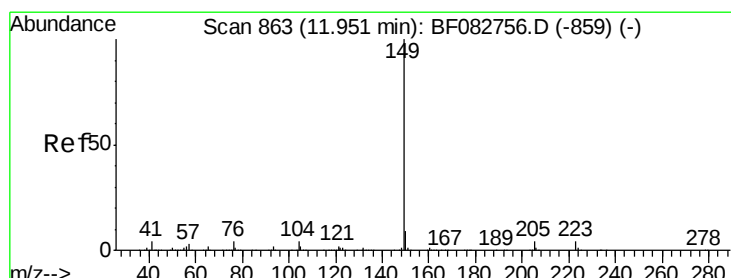
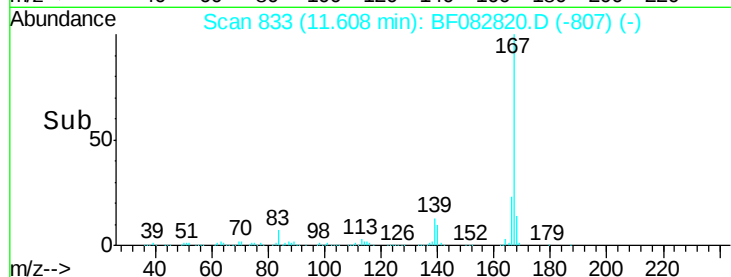
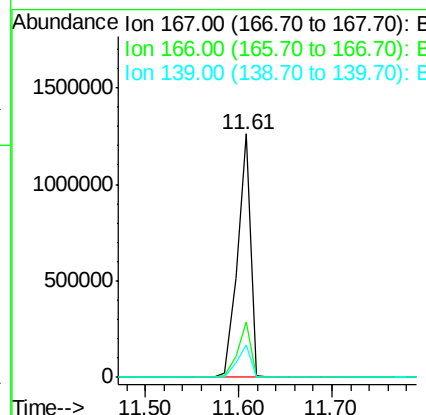
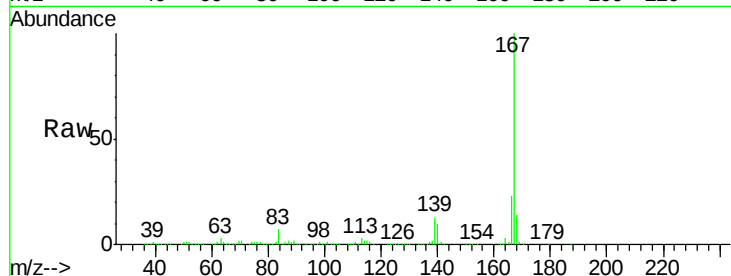
Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion:167 Resp: 1247053

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.7	28.1
139	13.1	11.8	17.6

Manual Integrations
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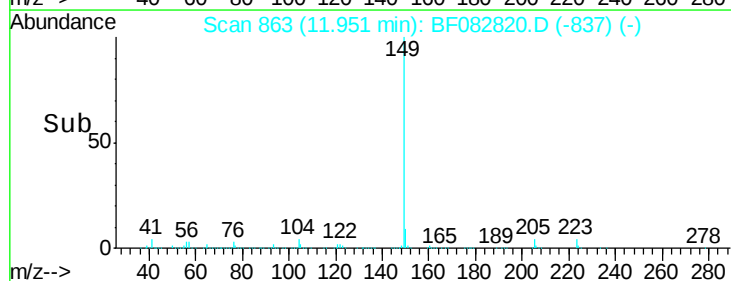
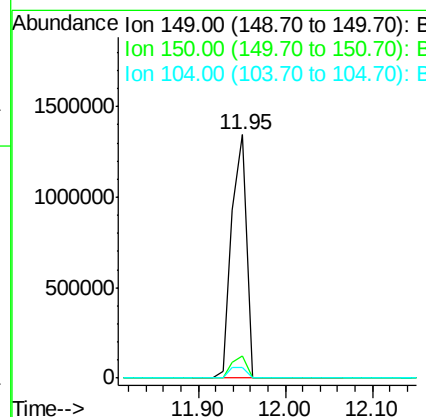
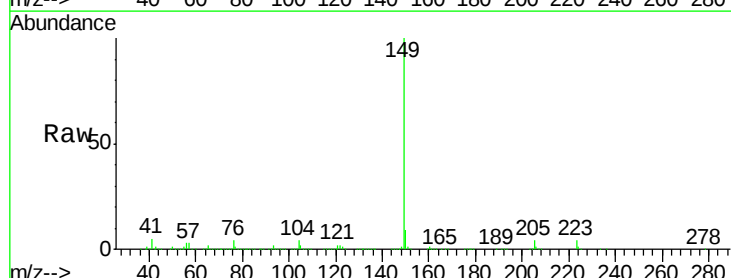
Mmdadoda
 11/9/2015 2:08:44 PM

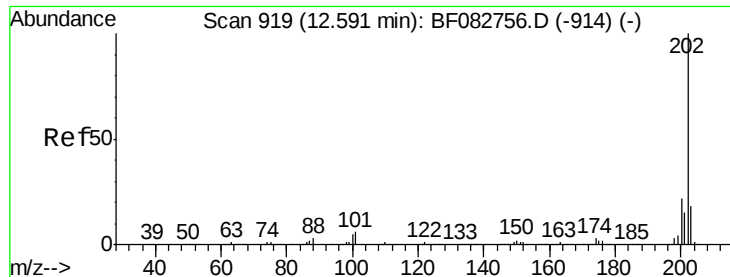


#73
 Di-n-butylphthalate
 Concen: 37.78 ng
 RT: 11.95 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion:149 Resp: 1595949

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	4.2	5.2	7.8





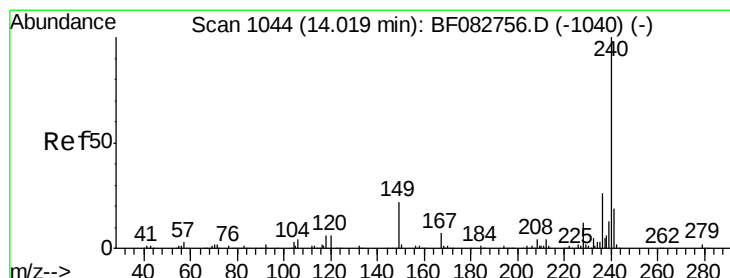
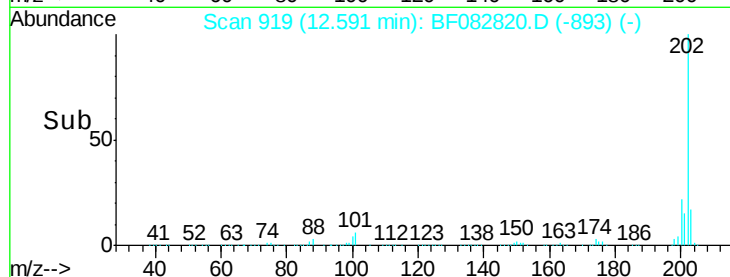
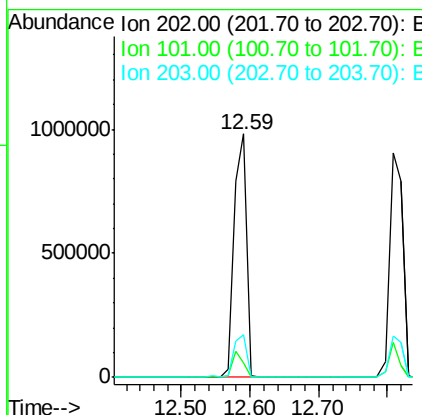
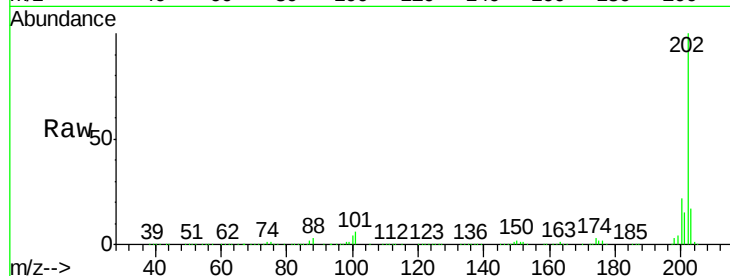
#74
Fluoranthene
Concen: 31.74 ng
RT: 12.59 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1252636		
101	5.8	0.0	30.5	
203	17.4	0.0	38.5	

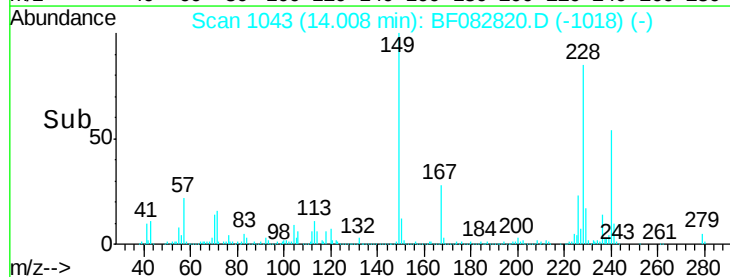
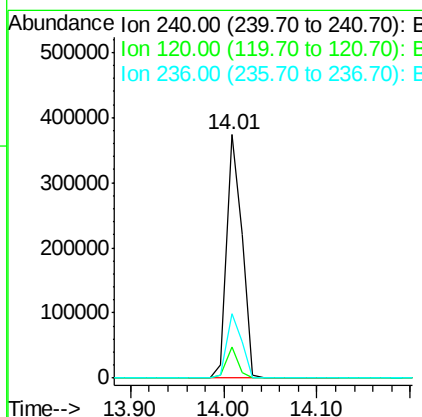
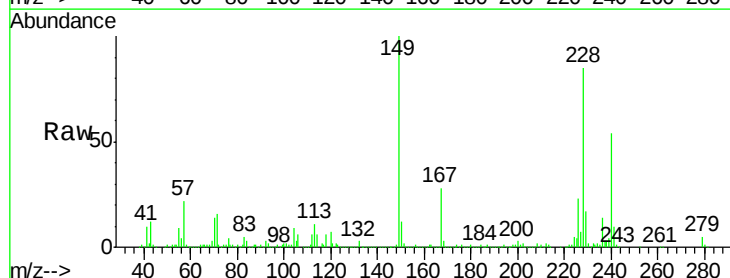
Manual Integrations
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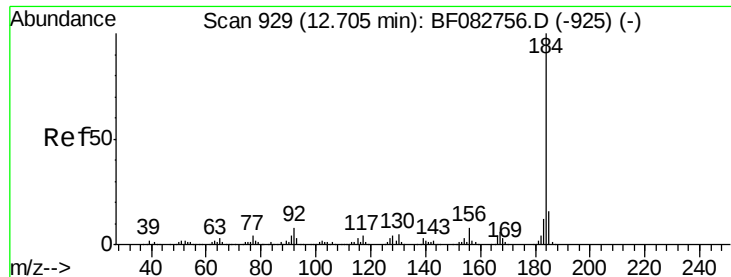
Mmdadoda
11/9/2015 2:08:44 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	427541		
120	13.0	10.9	16.3	
236	26.7	21.6	32.4	





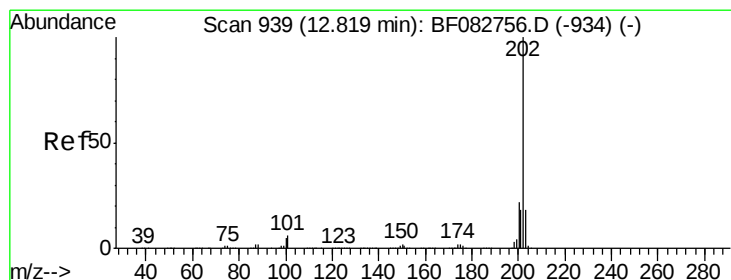
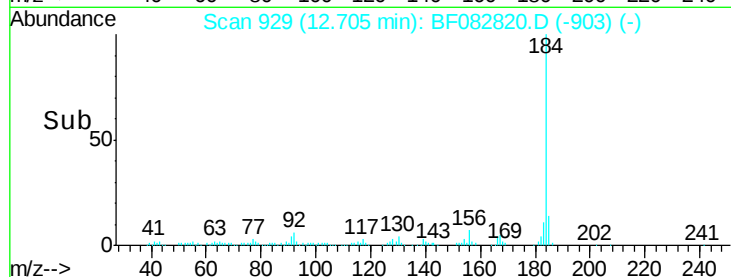
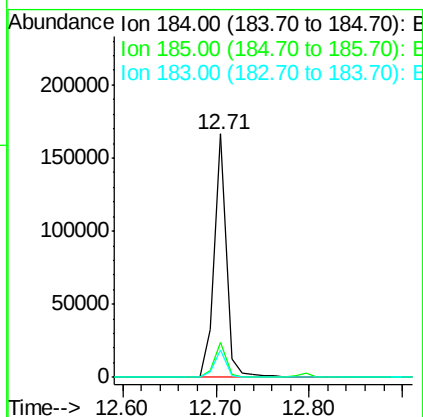
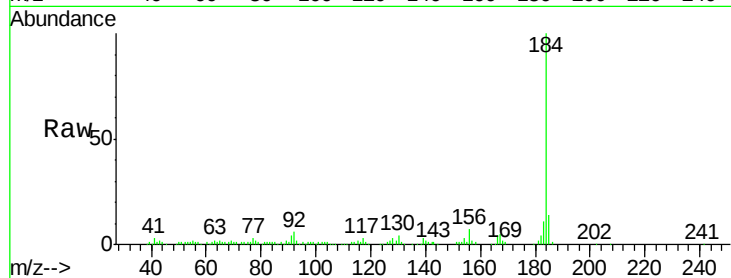
#76
Benzidine
Concen: 10.53 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.3	9.6	14.4

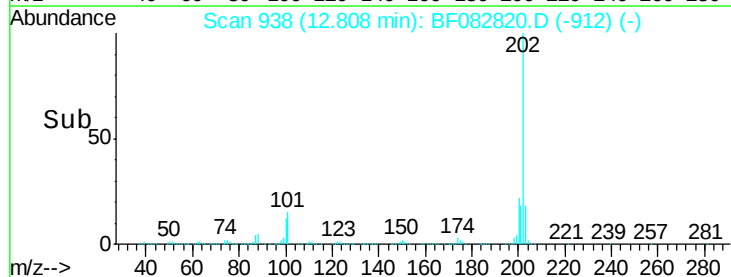
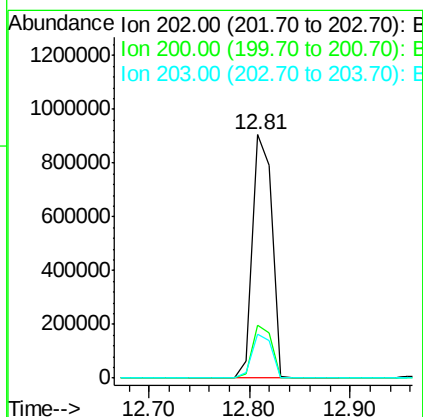
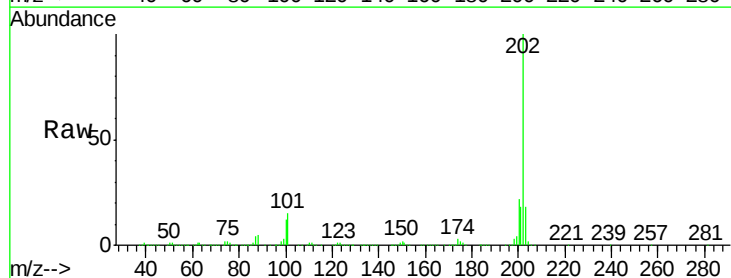
Manual Integrations
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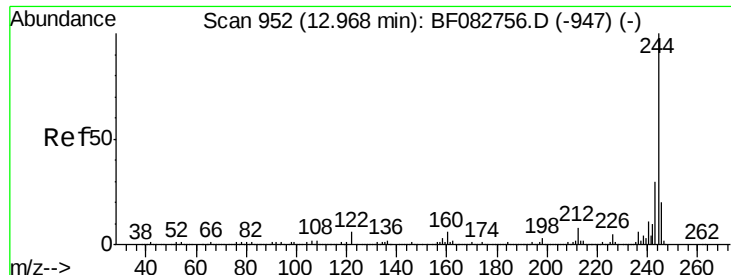
Mmdadoda
11/9/2015 2:08:44 PM



#77
Pyrene
Concen: 41.42 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.7	28.1
203	18.2	14.8	22.2





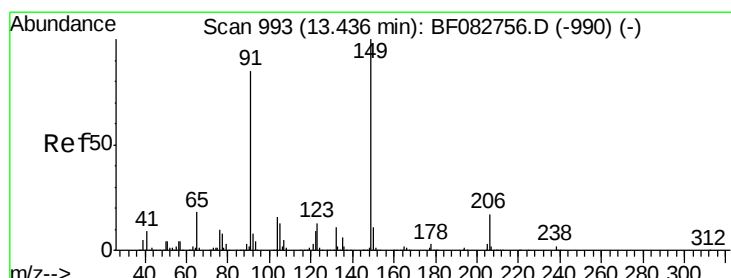
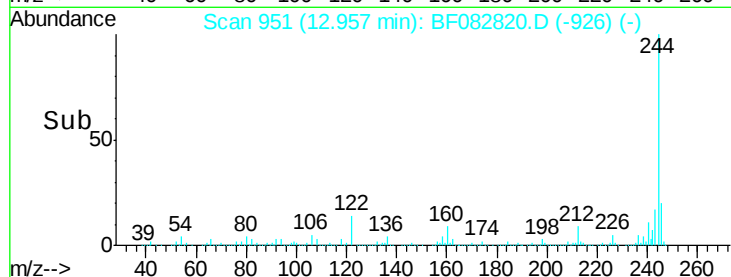
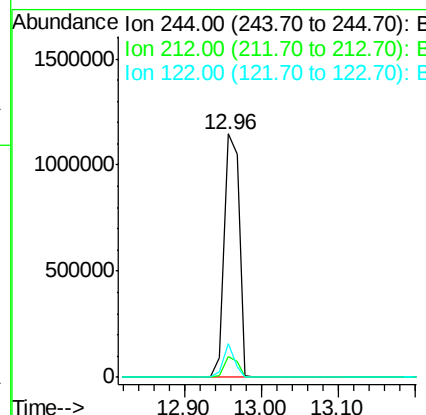
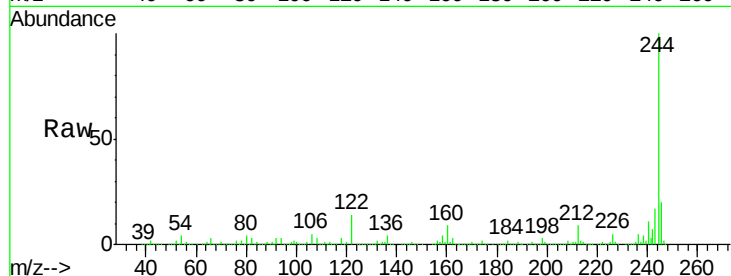
#78
 Terphenyl-d14
 Concen: 87.90 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	13.7	11.3	16.9

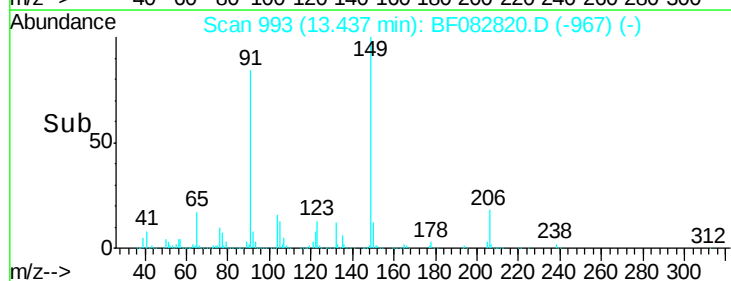
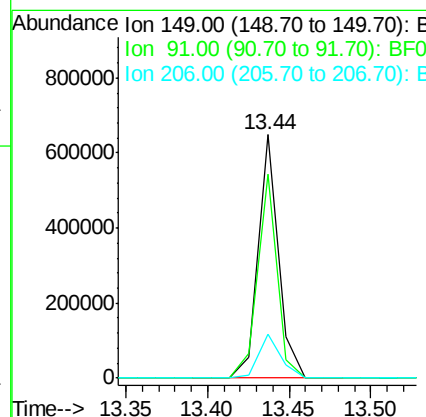
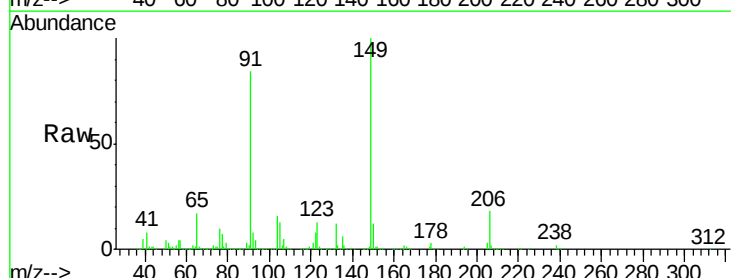
Manual Integrations
 APPROVED

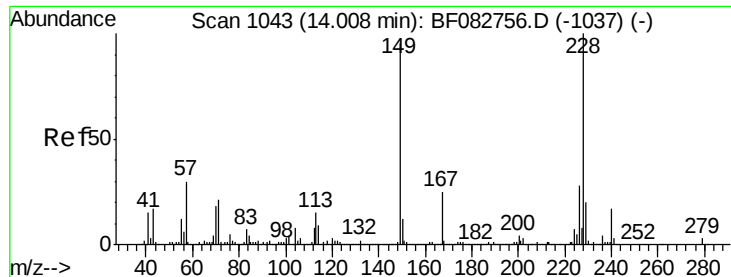
Mmdadoda
 11/9/2015 2:08:44 PM



#79
 Butylbenzylphthalate
 Concen: 43.24 ng
 RT: 13.44 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF082820.D
 Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.6	67.7	101.5
206	17.9	14.6	22.0





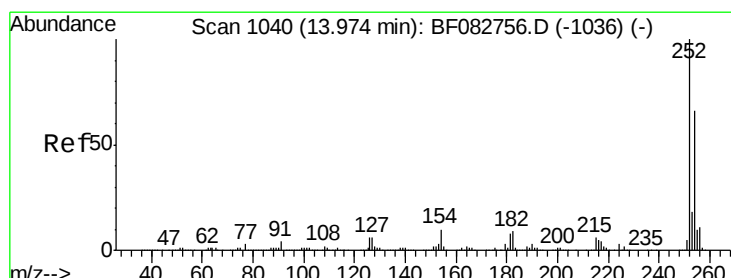
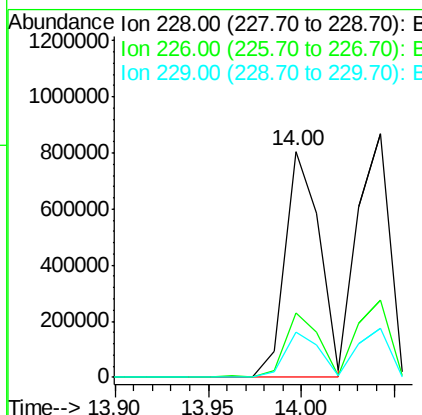
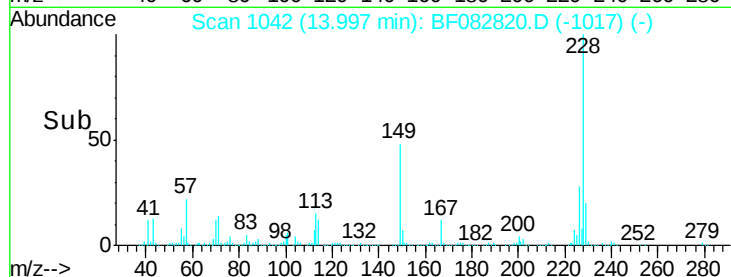
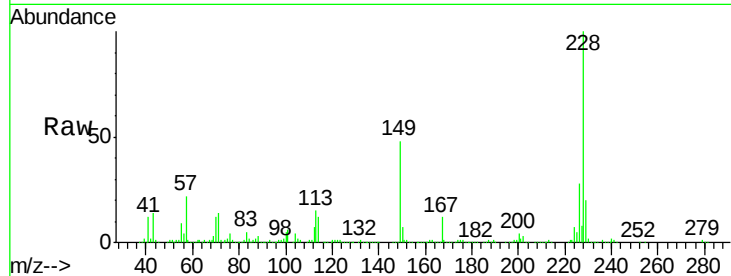
#80
Benzo(a)anthracene
Concen: 38.74 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion:228 Resp: 1035726
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.2
229 20.1 16.3 24.5

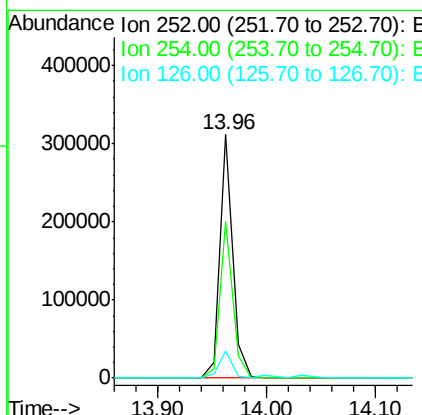
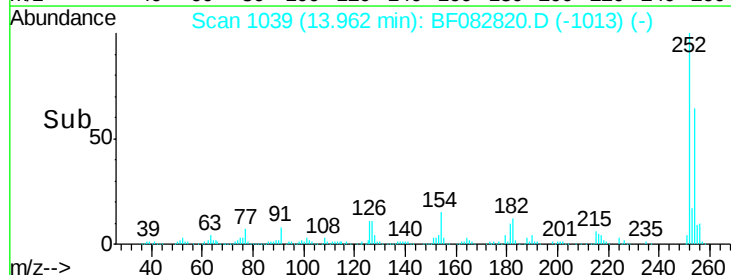
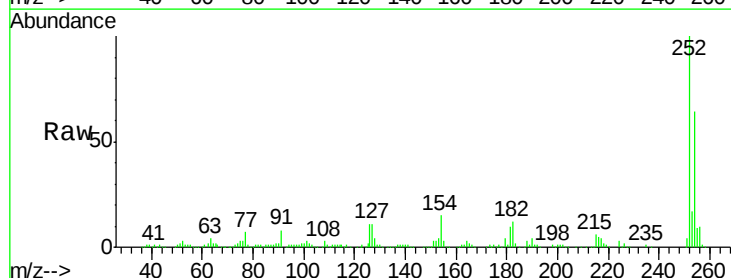
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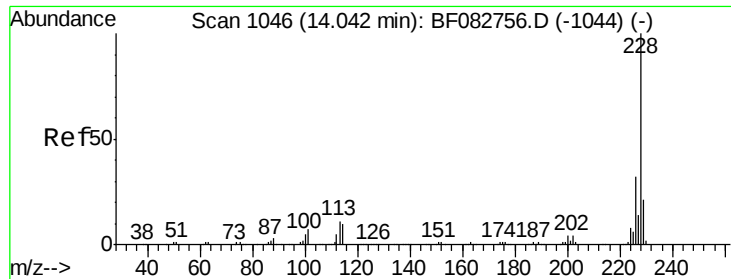
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#81
3,3'-Dichlorobenzidine
Concen: 27.53 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion:252 Resp: 261660
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 11.5 10.7 16.1





#82

Chrysene

Concen: 42.07 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Instrument :

BNA_F

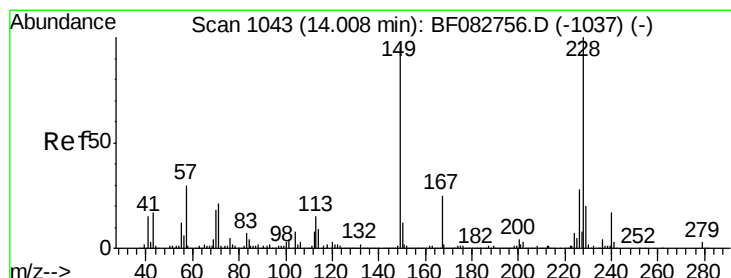
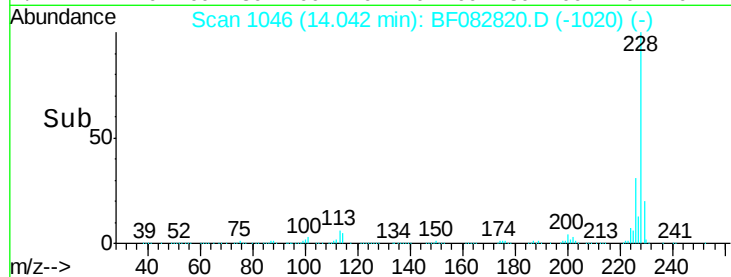
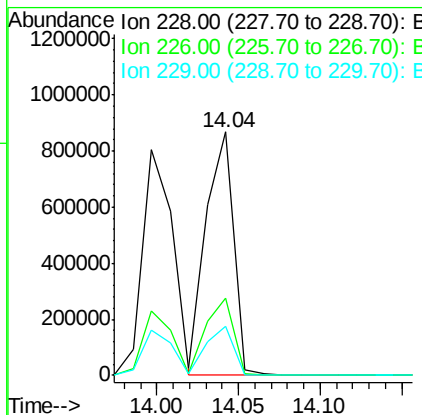
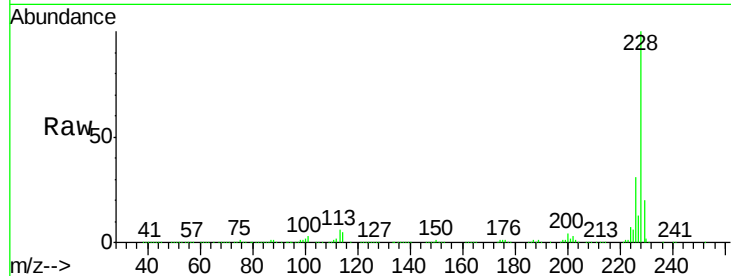
ClientSampleId :

DRUM1-31COMPOSITEMS

Tot Ion:	228	Resp:	1030151
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	20.1	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.61 ng

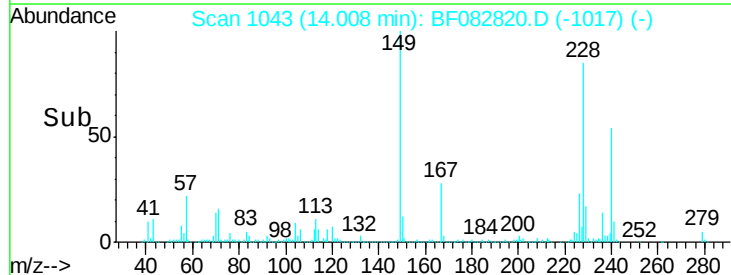
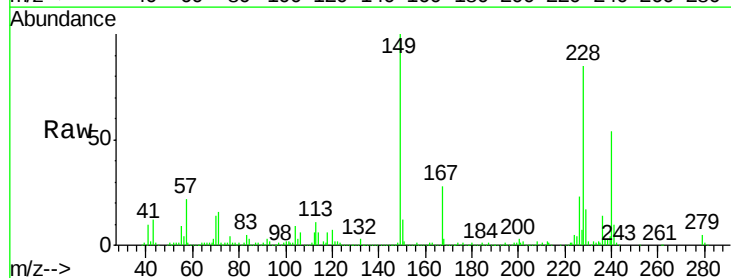
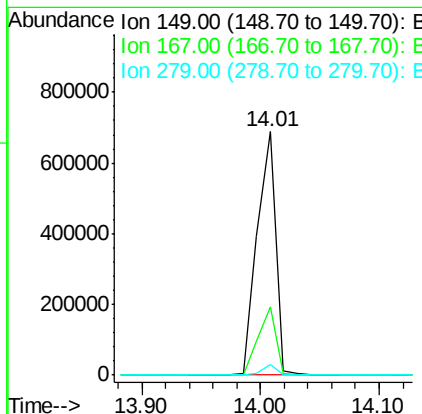
RT: 14.01 min Scan# 1043

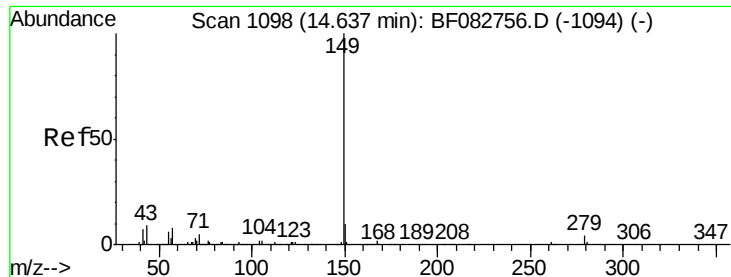
Delta R.T. 0.00 min

Lab File: BF082820.D

Acq: 8 Nov 2015 4:02

Tgt Ion:	149	Resp:	756479
Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.2	31.8
279	4.6	2.2	3.2#





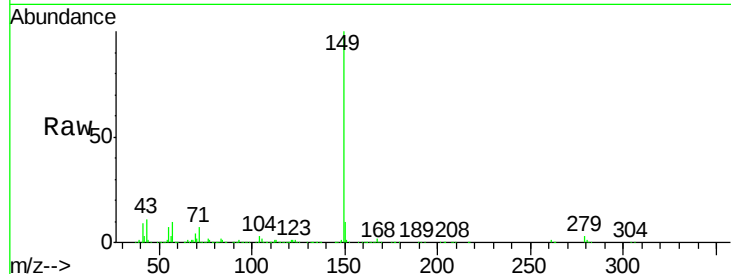
#84
Di-n-octyl phthalate
Concen: 42.56 ng
RT: 14.61 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

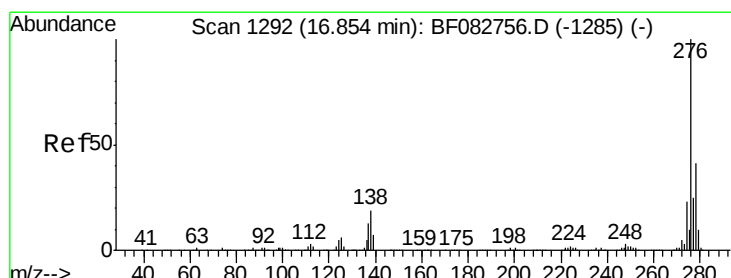
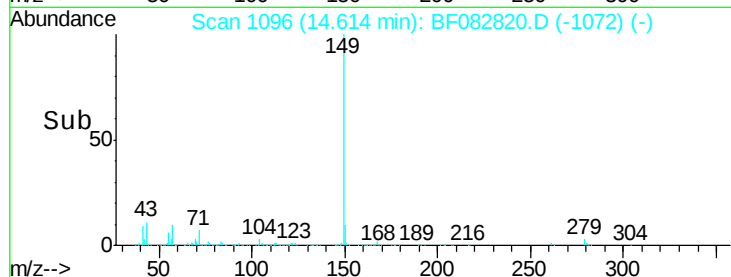
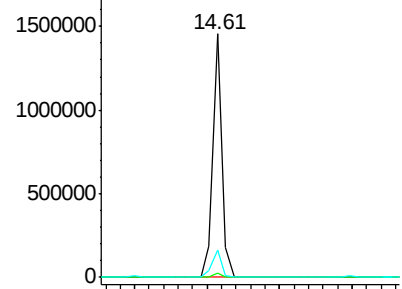
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	10.1	15.1

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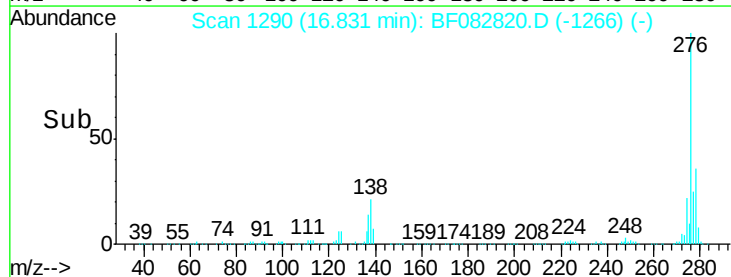
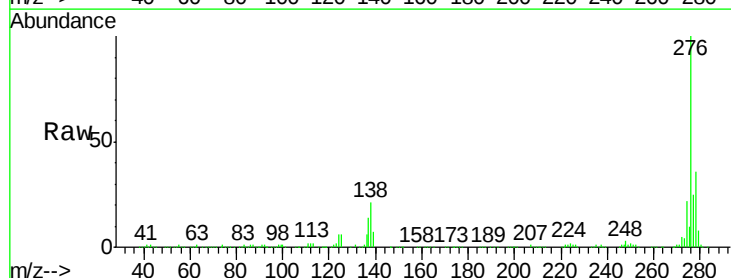
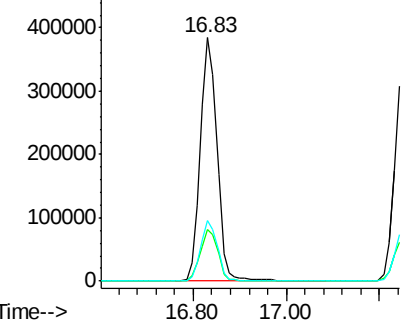
Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

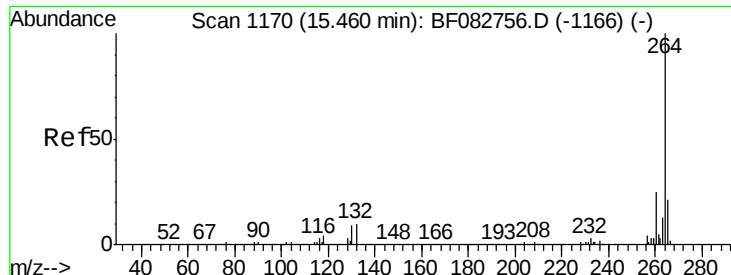


#85
Indeno(1,2,3-cd)pyrene
Concen: 45.63 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	15.3	22.9
277	25.0	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





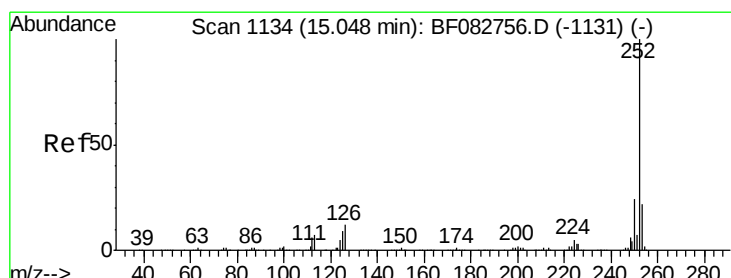
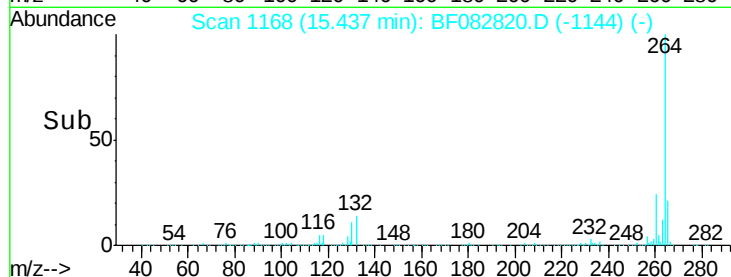
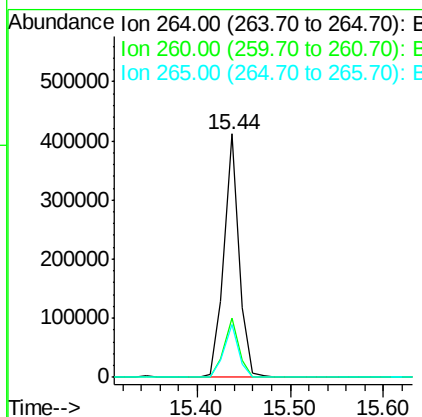
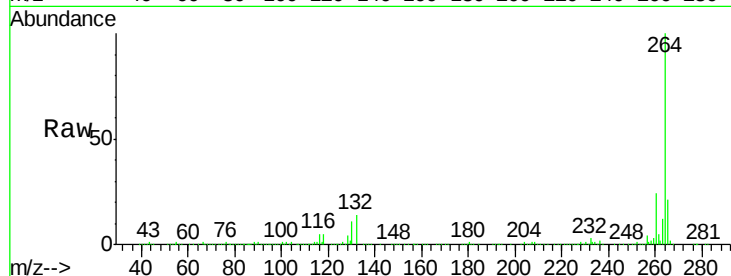
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.5	17.4	26.0

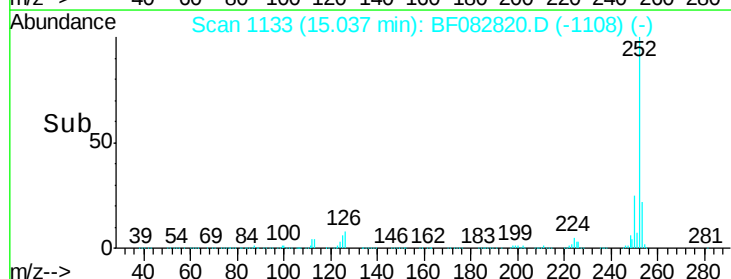
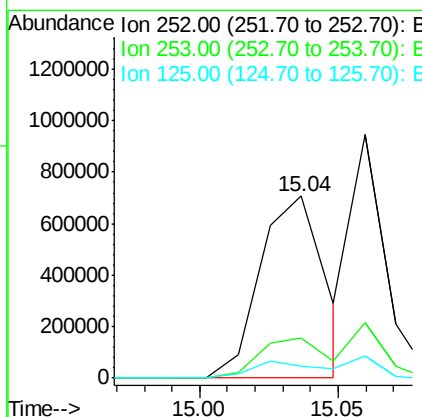
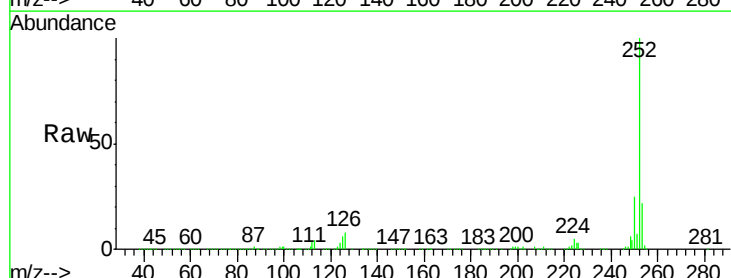
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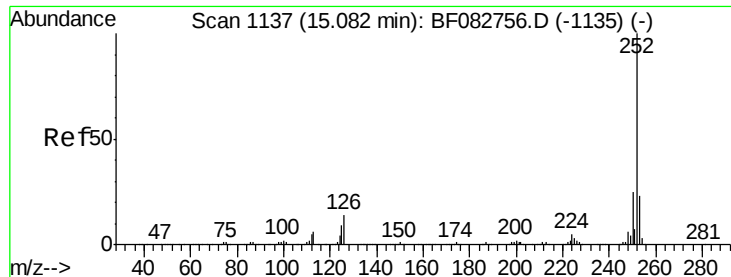
Mmdadoda
11/9/2015 2:08:44 PM



#87
Benzo(b)fluoranthene
Concen: 38.62 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	6.4	5.4	8.2





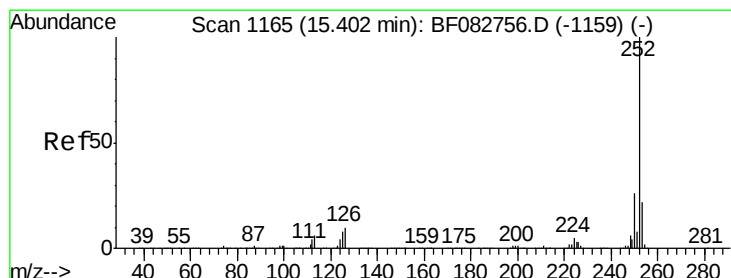
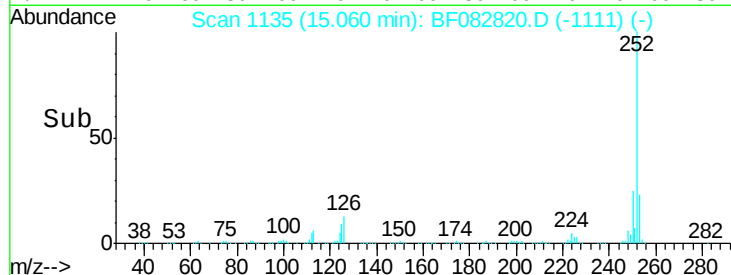
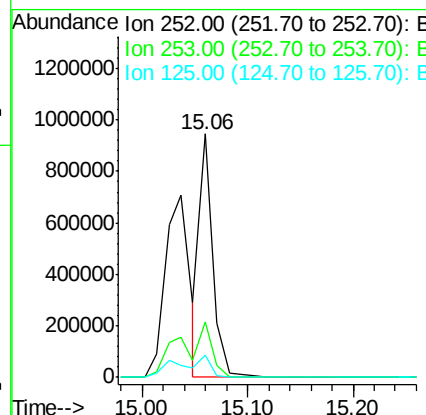
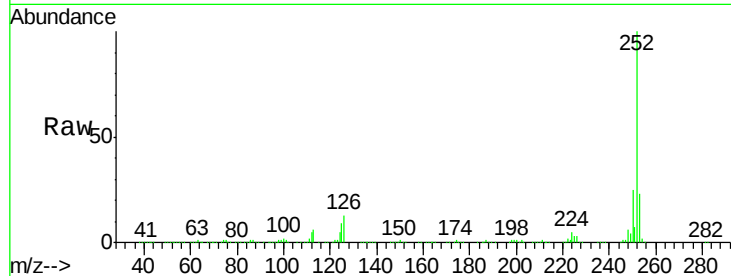
#88
Benzo(k)fluoranthene
Concen: 31.06 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.3	3.5	5.3

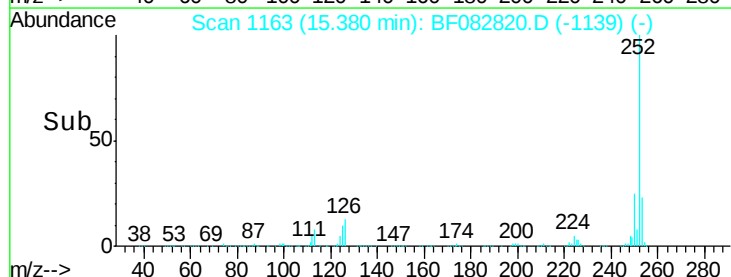
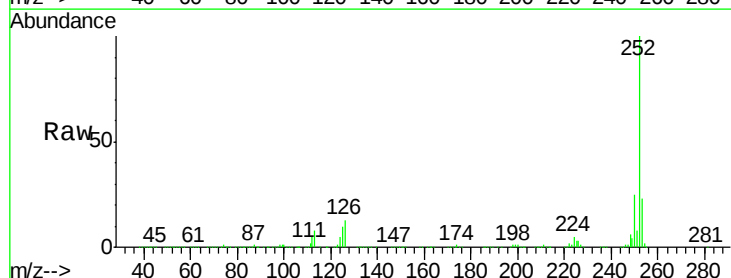
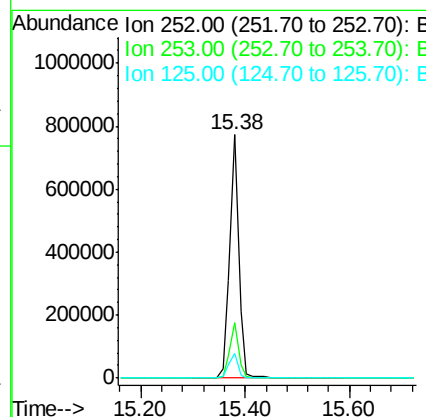
Manual Integrations
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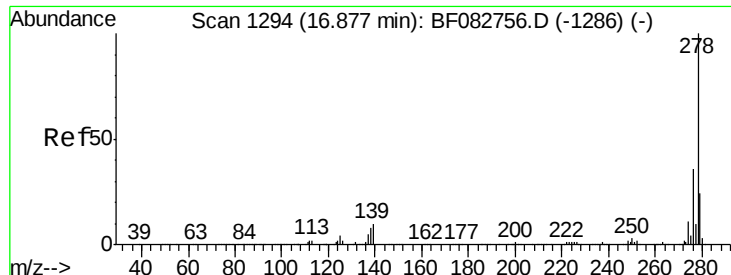
Mmdadoda
11/9/2015 2:08:44 PM



#89
Benzo(a)pyrene
Concen: 36.06 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	10.1	7.1	10.7





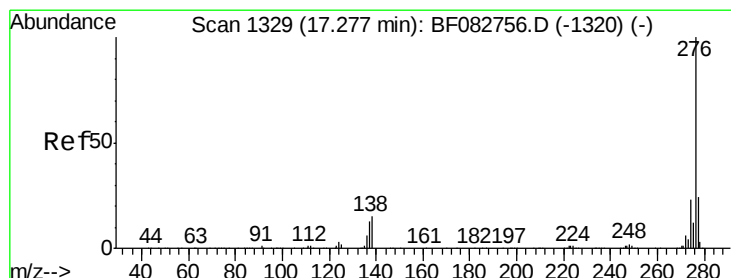
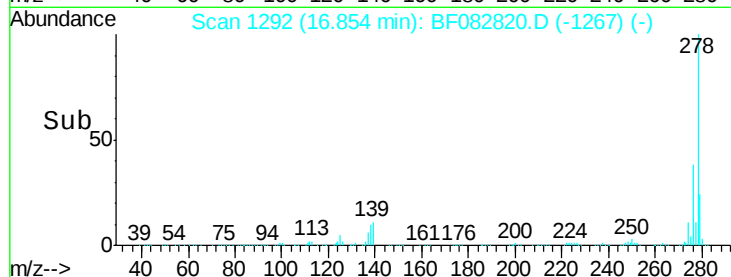
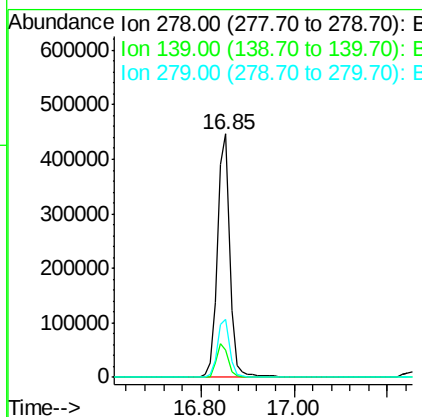
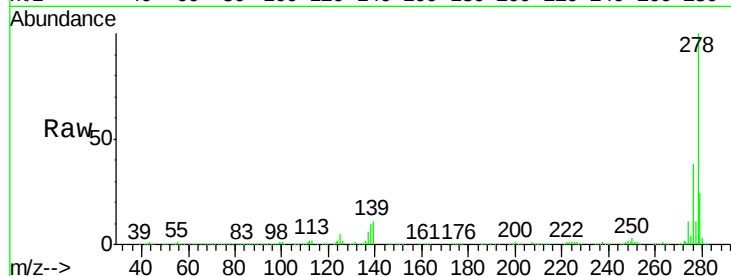
#90
Dibenzo(a,h)anthracene
Concen: 37.44 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.9	14.9
279	23.6	19.6	29.4

Manual Integrations
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11/9/2015 2:08:44 PM



#91
Benzo(g,h,i)perylene
Concen: 36.22 ng
RT: 17.25 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF082820.D
Acq: 8 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	17.2	13.1	19.7

