

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082756.D
 Acq On : 6 Nov 2015 12:29
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:00 PM

Quant Time: Nov 06 13:02:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 12:56:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171404	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	660519	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	341225	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	645664	20.00	ng	0.00
75) Chrysene-d12	14.02	240	597967	20.00	ng	0.00
86) Perylene-d12	15.46	264	506773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	893536	78.52	ng	0.00
7) Phenol-d6	6.49	99	1134586	75.04	ng	0.01
23) Nitrobenzene-d5	7.41	82	1204176	74.45	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	297626	79.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1779955	74.06	ng	0.00
78) Terphenyl-d14	12.97	244	2040420	74.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	193587	36.80	ng	98
3) Pyridine	3.15	79	570557	36.99	ng	97
4) n-Nitrosodimethylamine	3.10	42	266782	30.72	ng	91
6) Aniline	6.51	93	776470	36.89	ng	98
8) 2-Chlorophenol	6.64	128	482939	39.22	ng	87
9) Benzaldehyde	6.40	77	340860	33.02	ng	86
10) Phenol	6.50	94	696514	40.66	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	520412	41.18	ng	89
12) 1,3-Dichlorobenzene	6.80	146	556532m	39.64	ng	
13) 1,4-Dichlorobenzene	6.86	146	520078	37.35	ng	100
14) 1,2-Dichlorobenzene	7.02	146	520517	40.27	ng	95
15) Benzyl Alcohol	6.99	79	494869	35.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	707370	35.22	ng	95
17) 2-Methylphenol	7.12	107	415734	39.71	ng	95
18) Hexachloroethane	7.37	117	191967	35.32	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	419020	36.56	ng	88
20) 3+4-Methylphenols	7.26	107	481356	35.38	ng	# 88
22) Acetophenone	7.26	105	693301	35.65	ng	# 87
24) Nitrobenzene	7.44	77	596704	36.50	ng	90
25) Isophorone	7.68	82	1078035	36.23	ng	98
26) 2-Nitrophenol	7.76	139	283502	47.47	ng	# 68
27) 2,4-Dimethylphenol	7.80	122	444350	38.11	ng	91
28) bis(2-Chloroethoxy)methane	7.89	93	650128	39.94	ng	99
29) 2,4-Dichlorophenol	8.00	162	408063	38.40	ng	91
30) 1,2,4-Trichlorobenzene	8.09	180	468076	39.69	ng	# 95
31) Naphthalene	8.17	128	1394015	39.00	ng	98
32) Benzoic acid	7.93	122	324131	38.32	ng	98
33) 4-Chloroaniline	8.21	127	624549	40.93	ng	# 84
34) Hexachlorobutadiene	8.29	225	289378	38.58	ng	99
35) Caprolactam	8.59	113	138581	42.50	ng	# 64
36) 4-Chloro-3-methylphenol	8.69	107	479126	38.29	ng	91
37) 2-Methylnaphthalene	8.85	142	899947	38.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	484814	42.58	ng	97
40) Hexachlorocyclopentadiene	9.01	237	253486	35.41	ng	99

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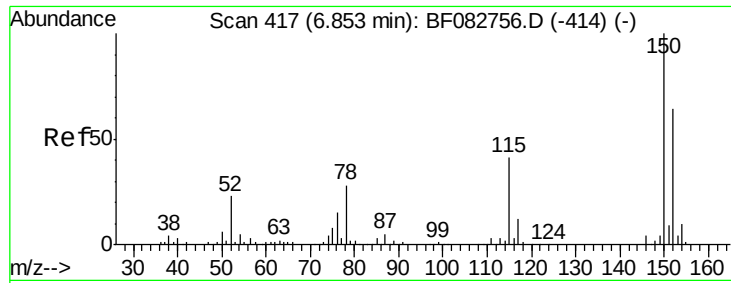
Manual Integrations
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 11/9/2015 2:10:00 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	322520	39.23	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	335211	40.92	nq	# 80
45) 1,1'-Biphenyl	9.32	154	1262824	43.81	nq	99
46) 2-Chloronaphthalene	9.34	162	965686	42.91	nq	99
47) 2-Nitroaniline	9.44	65	372540	42.58	nq	# 69
48) Acenaphthylene	9.76	152	1385264	38.48	nq	99
49) Dimethylphthalate	9.62	163	1014190	36.39	nq	100
50) 2,6-Dinitrotoluene	9.68	165	213302	36.93	nq	93
51) Acenaphthene	9.93	154	872899	38.20	nq	100
52) 3-Nitroaniline	9.85	138	293723	45.71	nq	# 76
53) 2,4-Dinitrophenol	9.95	184	151764	58.66	nq	# 12
54) Dibenzofuran	10.10	168	1172464	37.81	nq	95
55) 4-Nitrophenol	10.01	139	199549	41.27	nq	# 70
56) 2,4-Dinitrotoluene	10.08	165	292128	37.40	nq	# 94
57) Fluorene	10.44	166	971656	38.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	251436	36.32	nq	92
59) Diethylphthalate	10.32	149	1076569	37.95	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	473372	38.94	nq	92
61) 4-Nitroaniline	10.45	138	253928	41.41	nq	88
62) Azobenzene	10.59	77	1165639	36.43	nq	87
64) 4,6-Dinitro-2-methylphenol	10.49	198	179333	46.05	nq	# 65
65) n-Nitrosodiphenylamine	10.56	169	934660	42.11	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	282087	38.55	nq	# 71
67) Hexachlorobenzene	10.99	284	315487	38.89	nq	# 85
68) Atrazine	11.08	200	271872	37.44	nq	96
69) Pentachlorophenol	11.18	266	230655	43.12	nq	97
70) Phenanthrene	11.40	178	1497929	41.13	nq	99
71) Anthracene	11.45	178	1460992	39.85	nq	99
72) Carbazole	11.61	167	1407815	44.08	nq	98
73) Di-n-butylphthalate	11.95	149	1685096	41.45	nq	# 96
74) Fluoranthene	12.59	202	1628604	43.75	nq	95
76) Benzidine	12.70	184	842413	31.24	nq	99
77) Pyrene	12.82	202	1583763	35.77	nq	98
79) Butylbenzylphthalate	13.44	149	681896	35.16	nq	99
80) Benzo(a)anthracene	14.01	228	1412696	37.19	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	530312	40.52	nq	# 95
82) Chrysene	14.04	228	1260229	36.60	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	942800	37.50	nq	99
84) Di-n-octyl phthalate	14.64	149	1634826	41.69	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1118195	39.36	nq	99
87) Benzo(b)fluoranthene	15.05	252	1174986m	33.62	nq	
88) Benzo(k)fluoranthene	15.08	252	1209660m	45.44	nq	
89) Benzo(a)pyrene	15.40	252	1100931	40.00	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	936481	36.47	nq	# 97
91) Benzo(g,h,i)perylene	17.28	276	874518	35.14	nq	98

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



#1

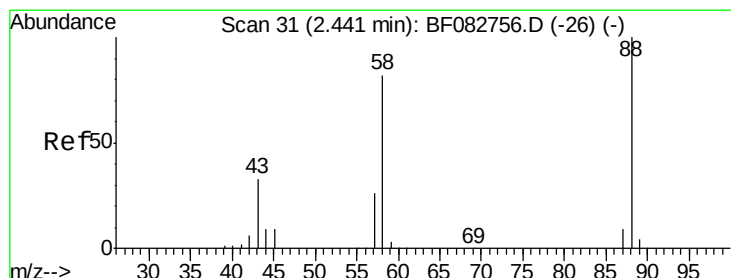
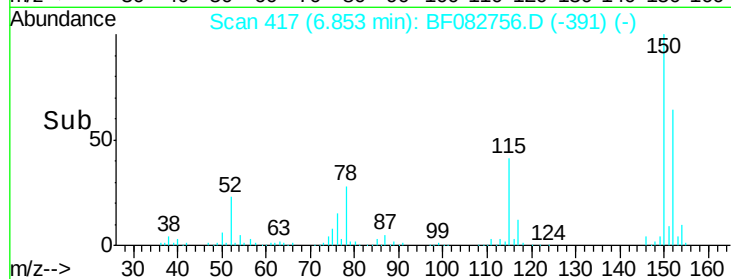
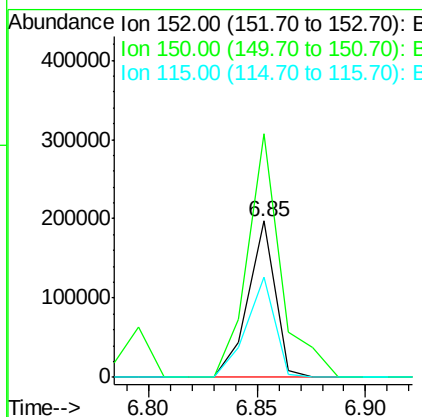
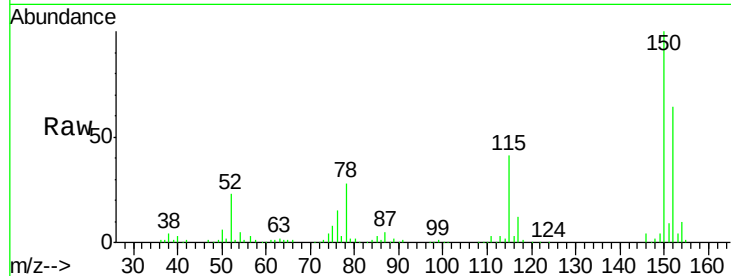
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.0	190.4
115	64.6	47.0	70.6

Manual Integrations
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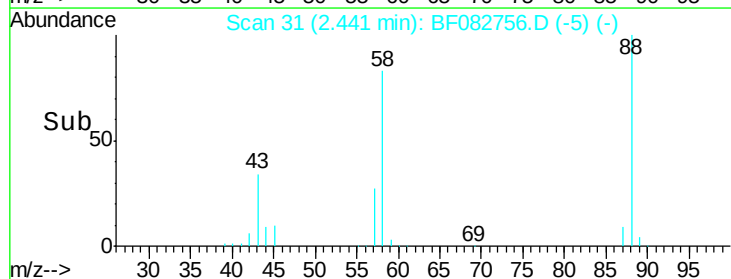
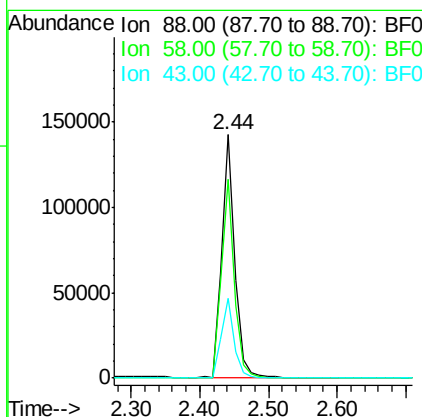
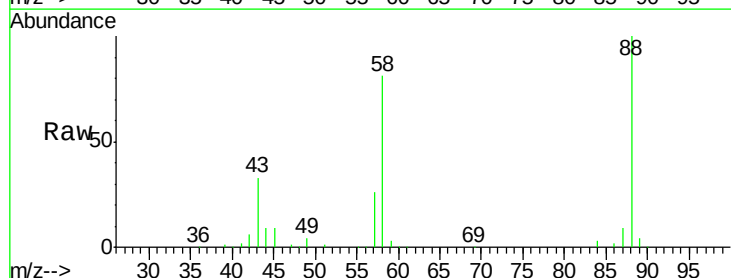
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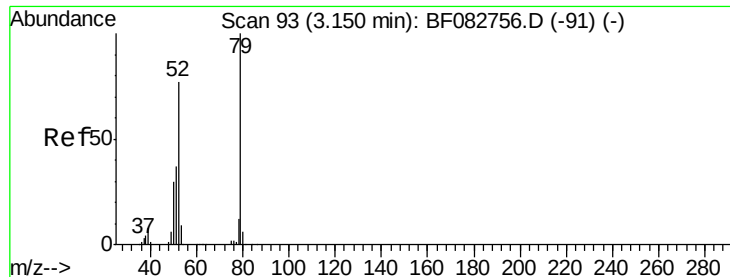


#2

1,4-Dioxane
Concen: 36.80 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	62.0	93.0
43	32.2	26.6	40.0





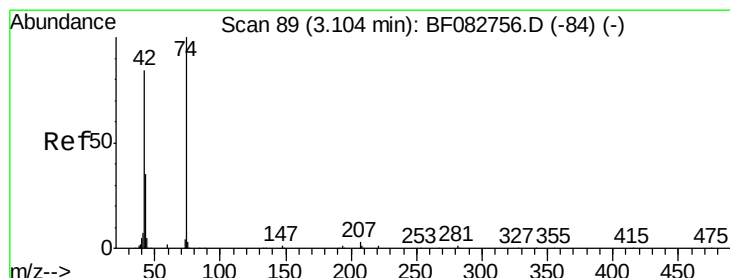
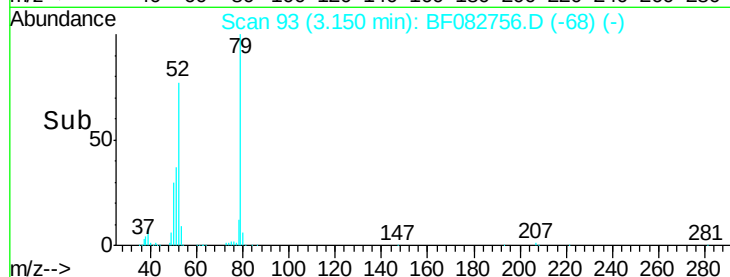
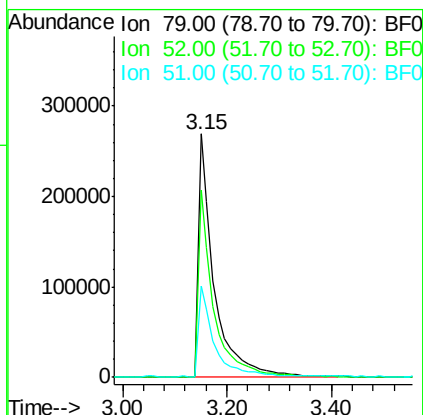
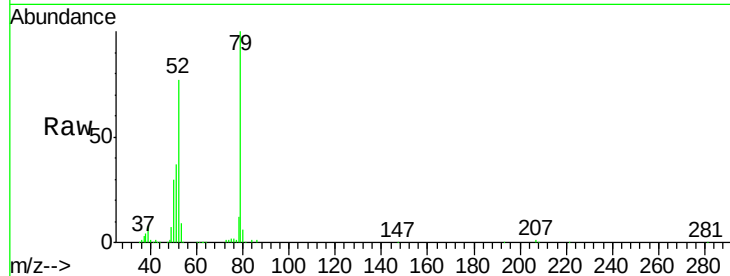
#3
 Pvridine
 Concen: 36.99 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.1	62.8	94.2
51	37.3	32.0	48.0

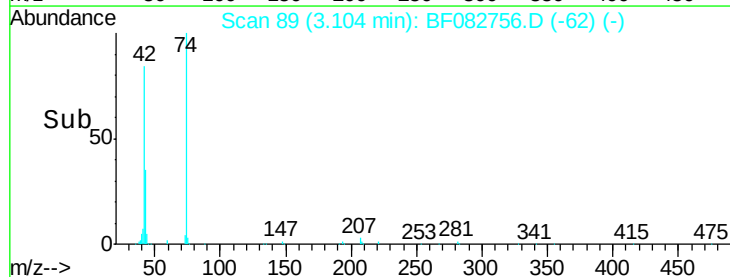
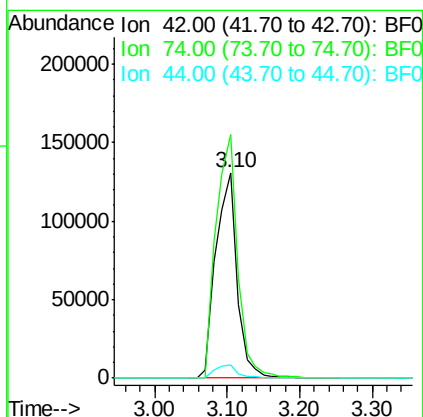
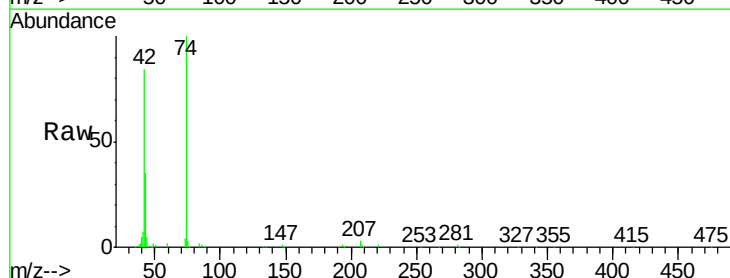
Manual Integrations
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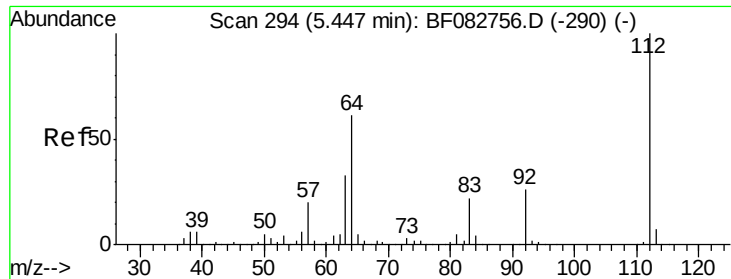
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#4
 n-Nitrosodimethylamine
 Concen: 30.72 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.5	87.0	130.4
44	6.1	5.8	8.8





#5

2-Fluorophenol

Concen: 78.52 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

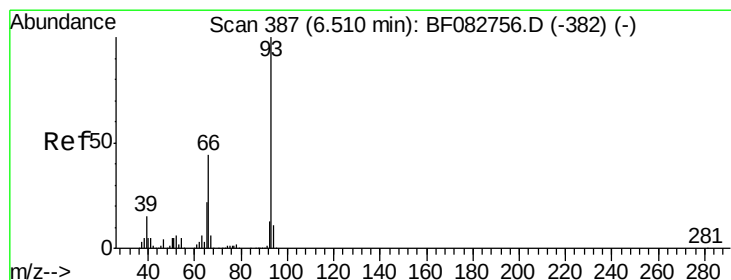
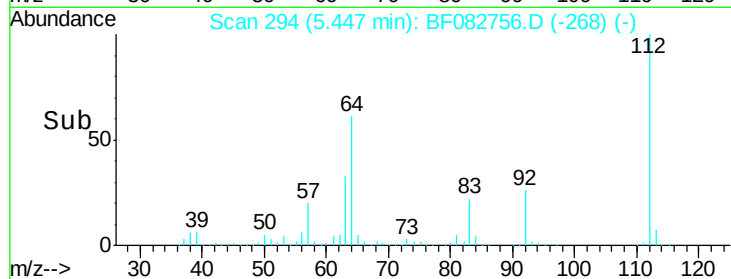
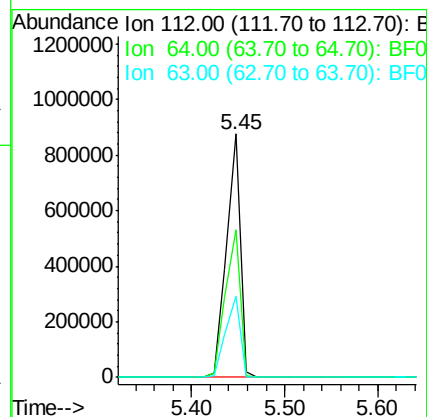
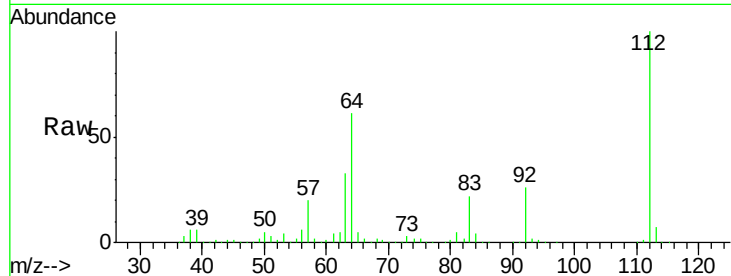
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	893536
Ion Ratio	Lower	Upper	
112	100		
64	60.7	48.9	73.3
63	33.3	28.1	42.1

Manual Integrations
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#6

Aniline

Concen: 36.89 ng

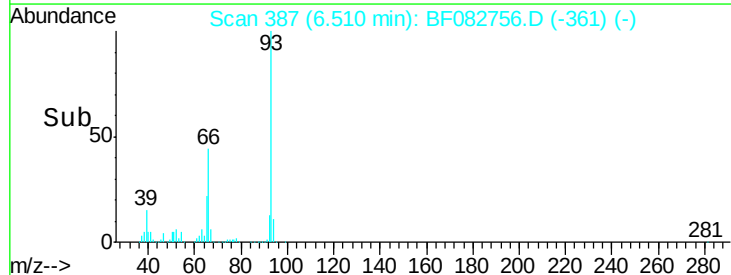
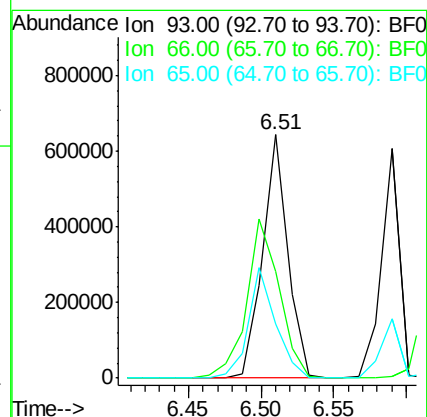
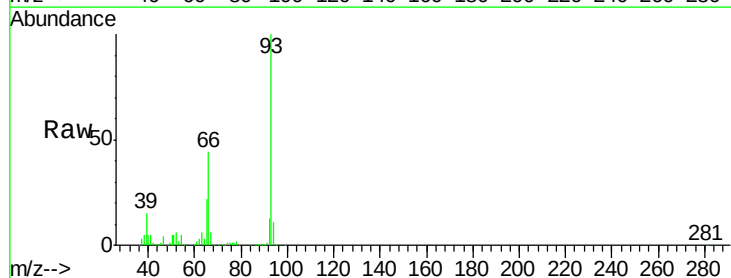
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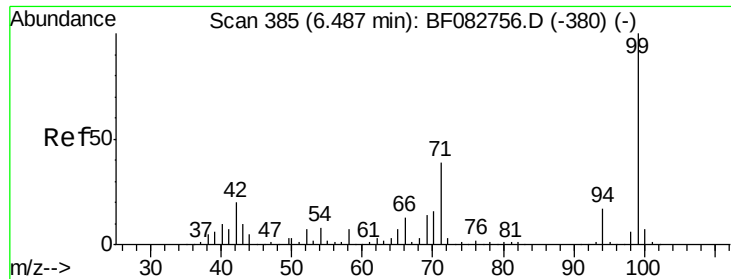
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	93	Resp:	776470
Ion Ratio	Lower	Upper	
93	100		
66	43.7	33.6	50.4
65	22.3	18.1	27.1





#7

Phenol-d6

Concen: 75.04 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1134586

Ion Ratio Lower Upper

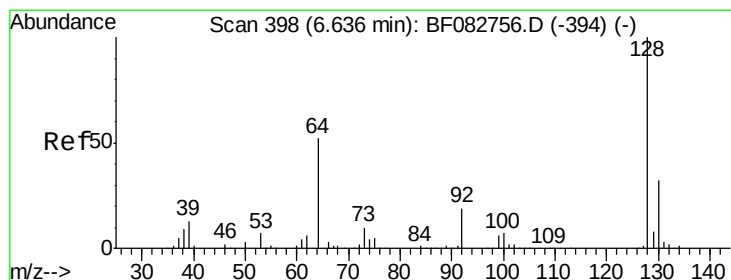
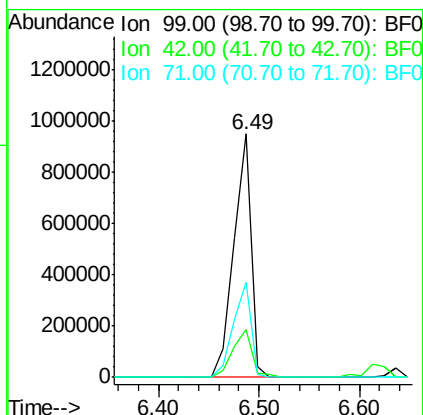
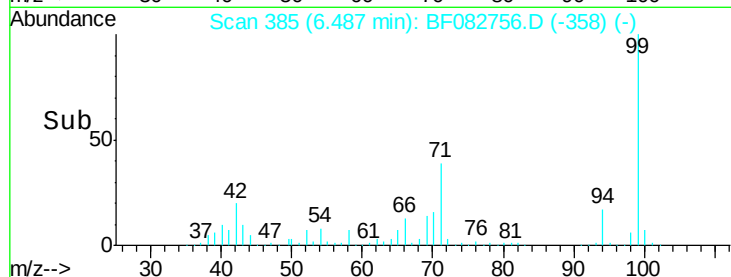
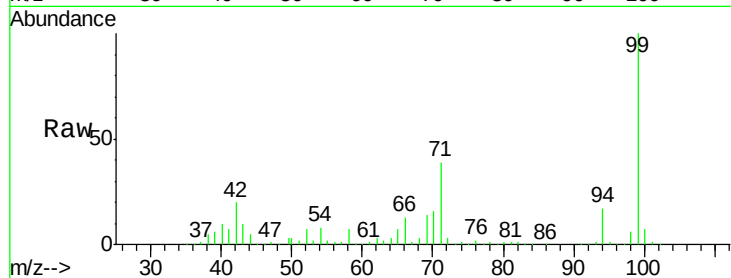
99 100

42 19.7 19.2 28.8

71 38.9 35.0 52.4

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#8

2-Chlorophenol

Concen: 39.22 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

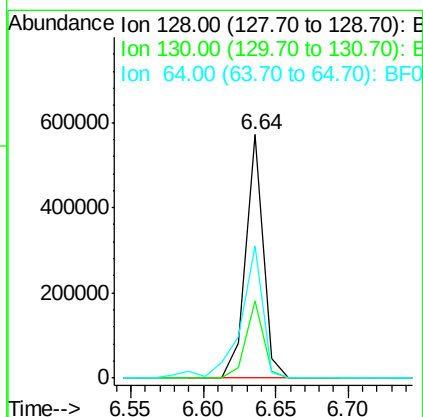
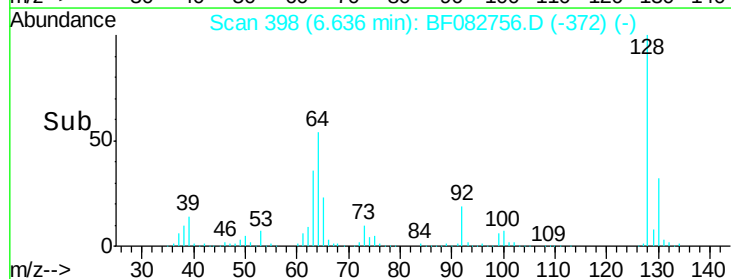
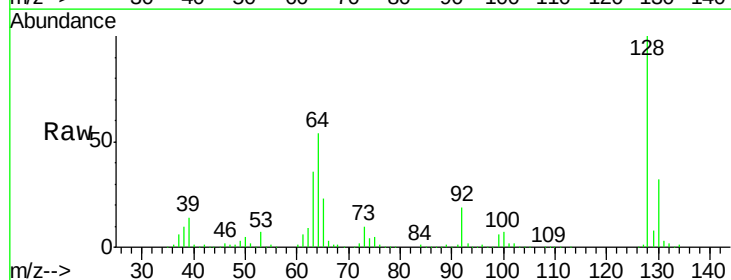
Tgt Ion: 128 Resp: 482939

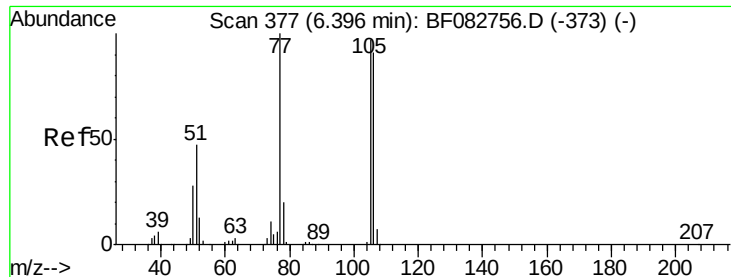
Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

64 54.5 21.1 61.1





#9

Benzaldehyde

Concen: 33.02 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

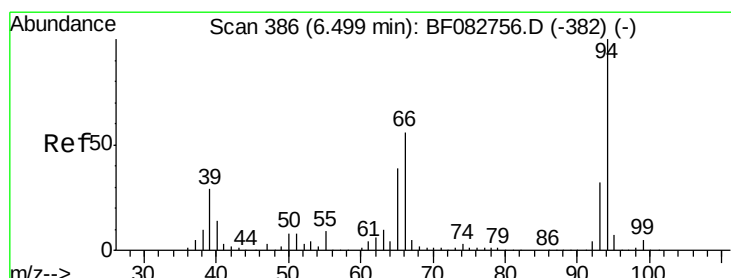
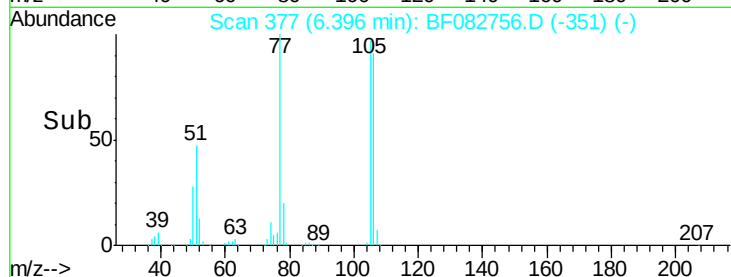
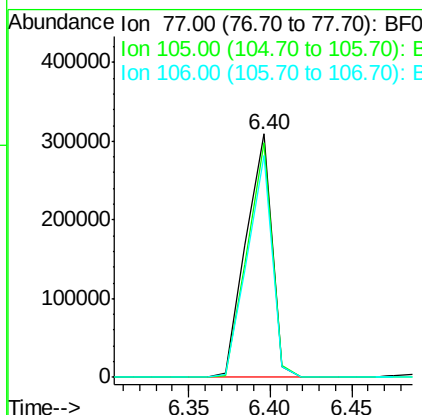
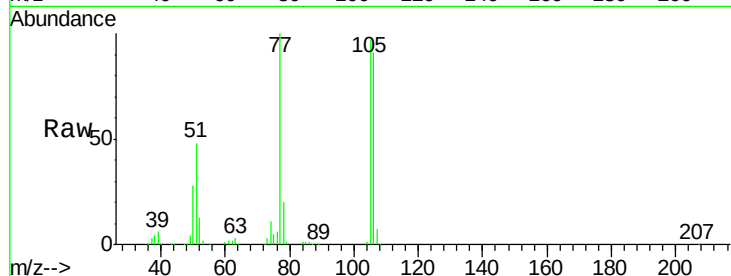
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	340860
Ion Ratio	Lower	Upper	
77	100		
105	96.6	63.5	103.5
106	91.4	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 40.66 ng

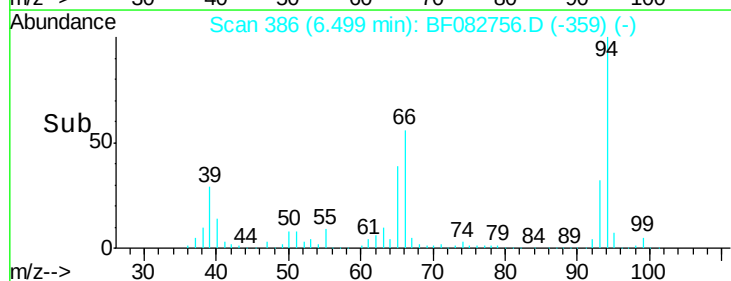
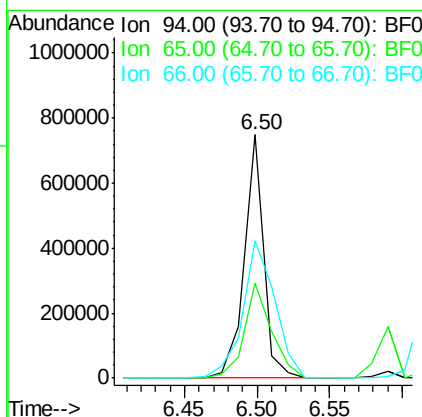
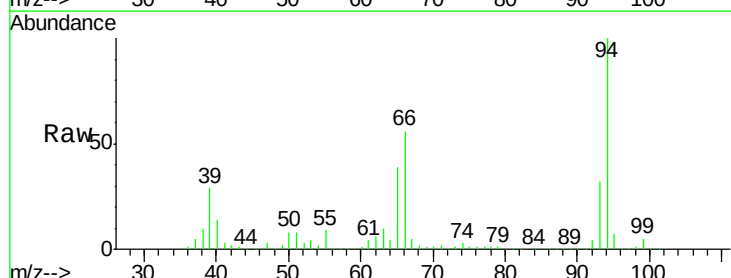
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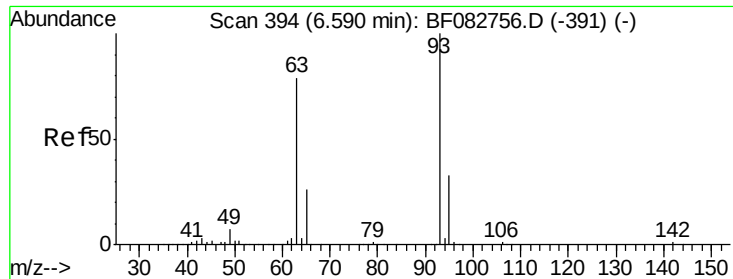
Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	94	Resp:	696514
Ion Ratio	Lower	Upper	
94	100		
65	38.9	18.9	58.9
66	56.4	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 41.18 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

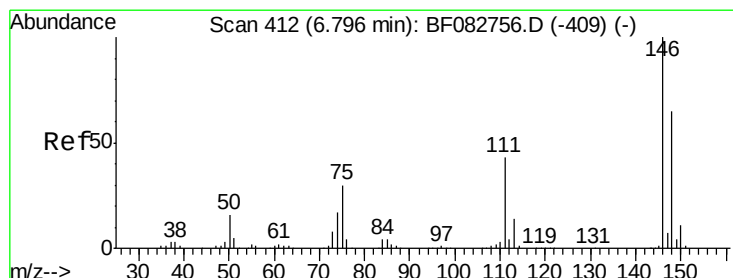
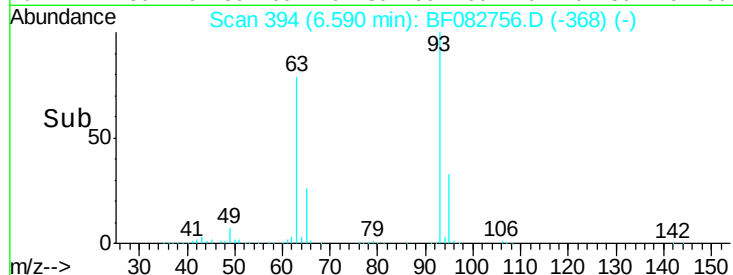
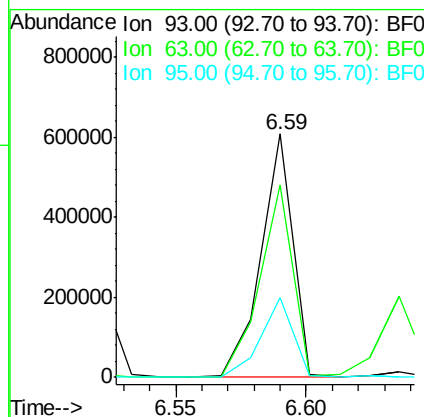
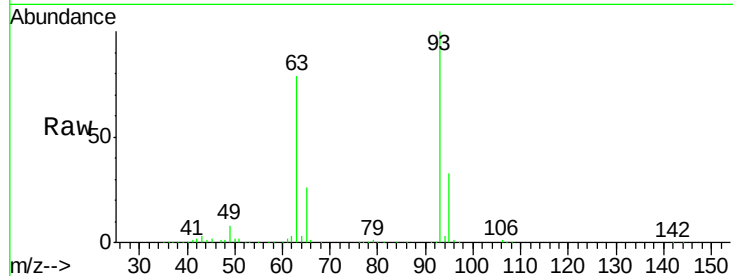
ClientSampleId :

SSTDICCC040

Tot Ion:	93	Resp:	520412
Ion Ratio	Lower	Upper	
93	100		
63	78.9	72.7	112.7
95	32.7	12.0	52.0

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11/9/2015 2:10:00 PM



#12

1,3-Dichlorobenzene

Concen: 39.64 ng m

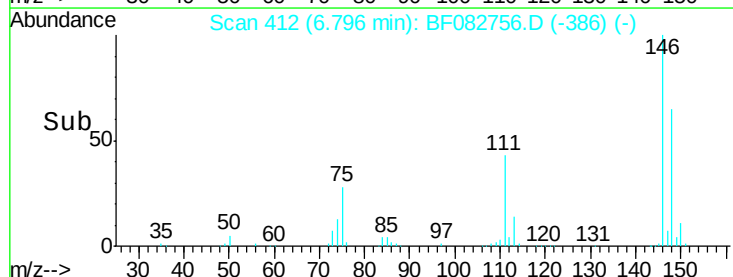
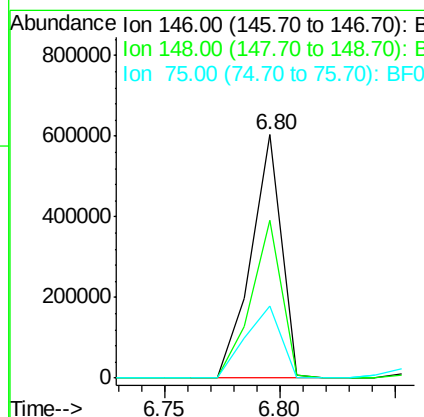
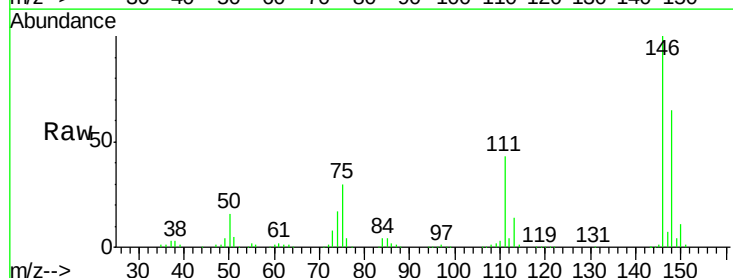
RT: 6.80 min Scan# 412

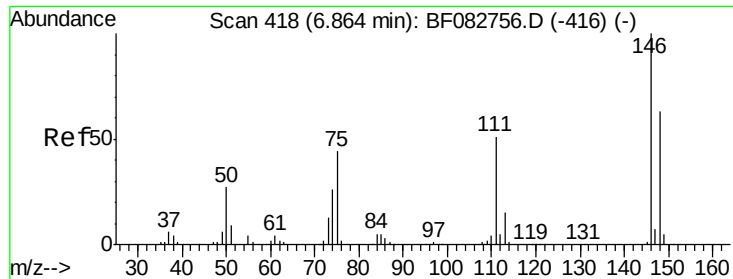
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	146	Resp:	556532
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.5	75.7
75	29.8	39.5	59.3#





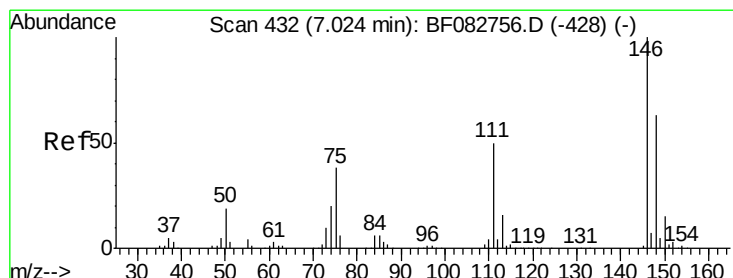
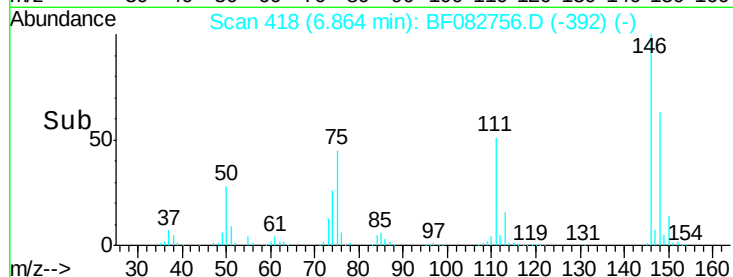
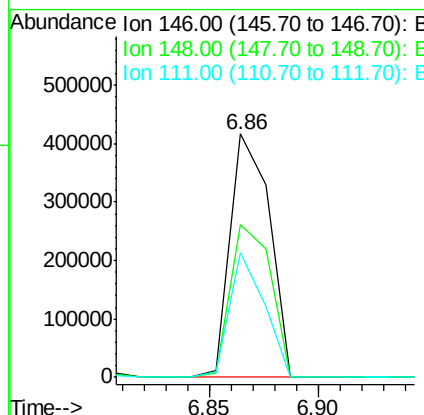
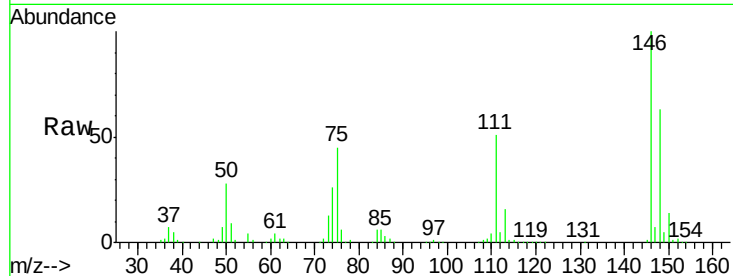
#13
 1,4-Dichlorobenzene
 Concen: 37.35 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	50.9	40.6	60.8

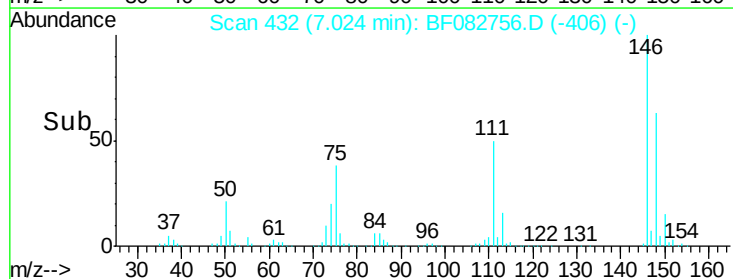
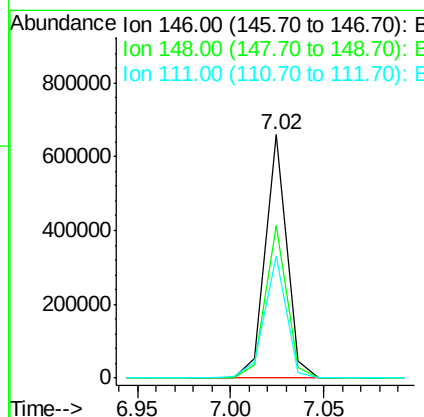
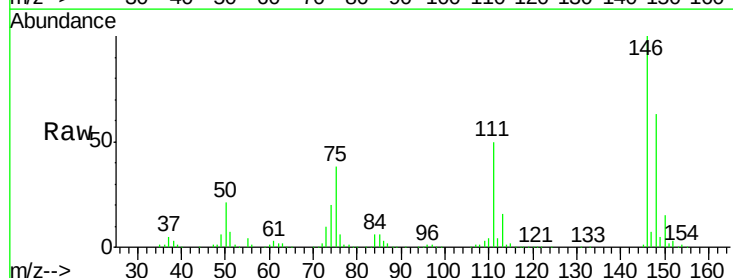
Manual Integrations
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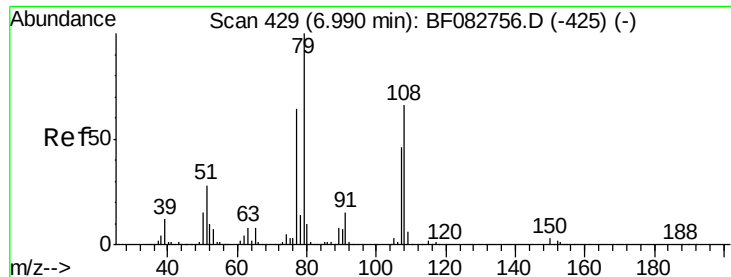
Mmdadoda
 11/9/2015 2:10:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.27 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
111	50.0	36.6	55.0





#15

Benzyl Alcohol

Concen: 35.10 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

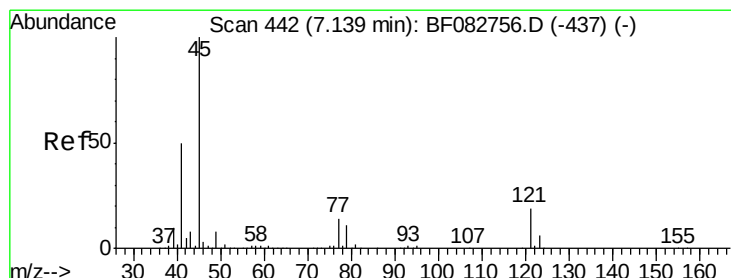
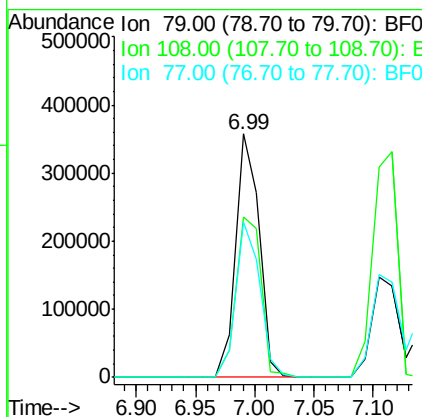
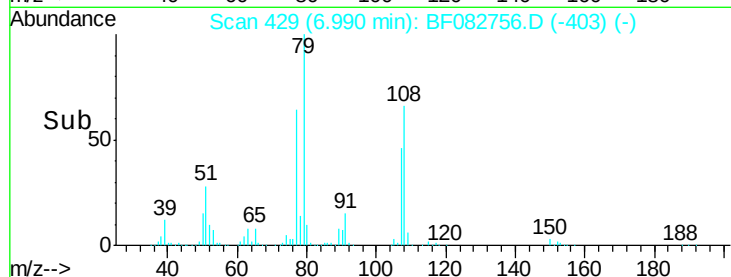
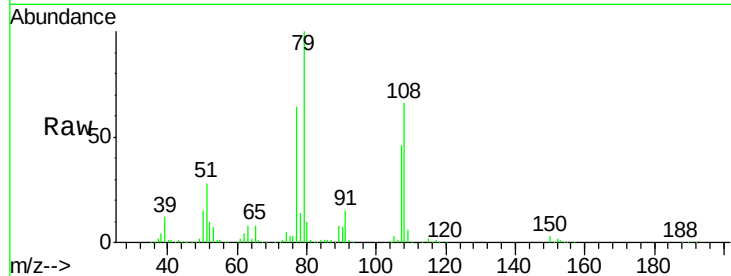
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	494869
Ion	Ratio	Lower	Upper
79	100		
108	65.8	52.2	78.4
77	63.8	52.7	79.1

Manual Integrations
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Mmdadoda
11/9/2015 2:10:00 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.22 ng

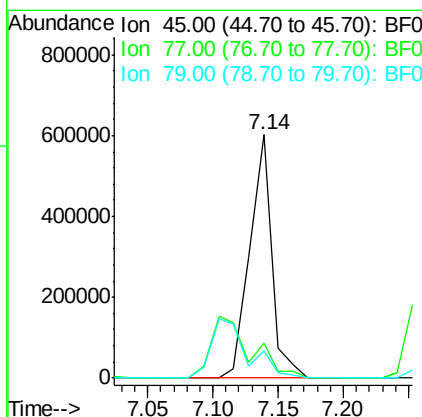
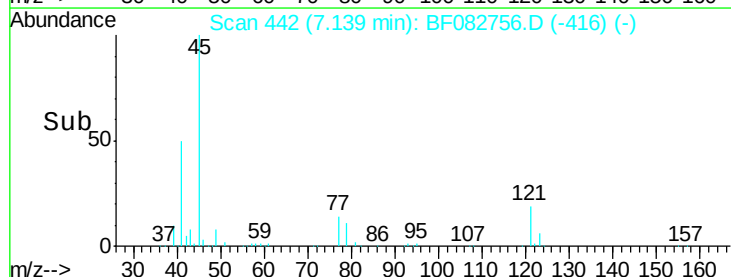
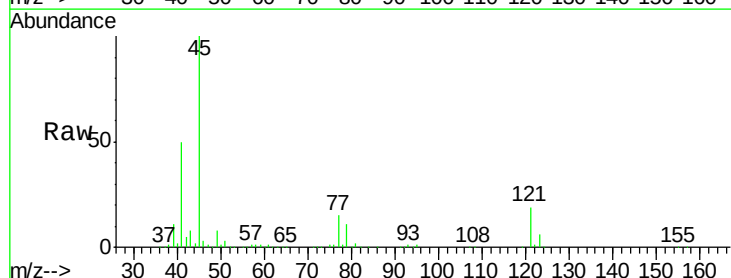
RT: 7.14 min Scan# 442

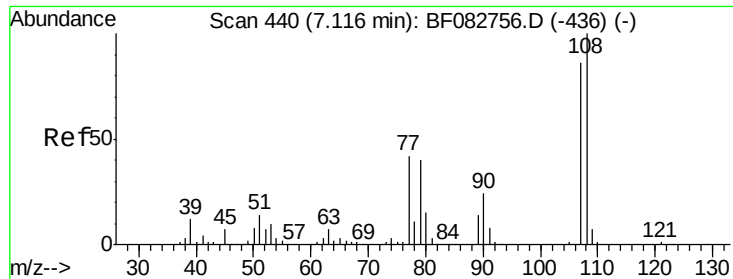
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	45	Resp:	707370
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	32.6
79	11.1	0.0	29.2





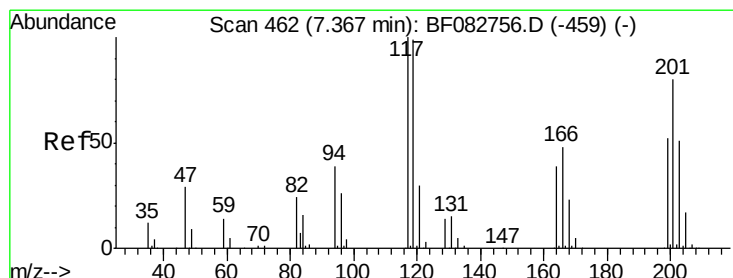
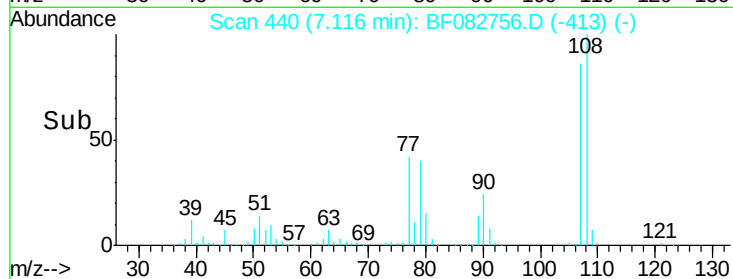
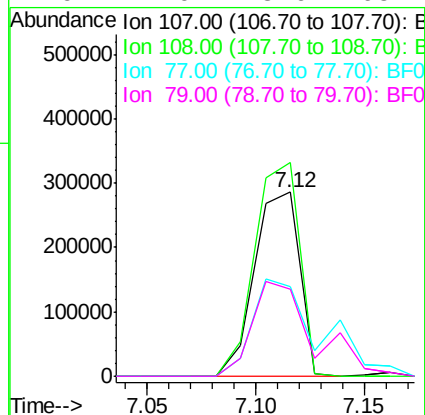
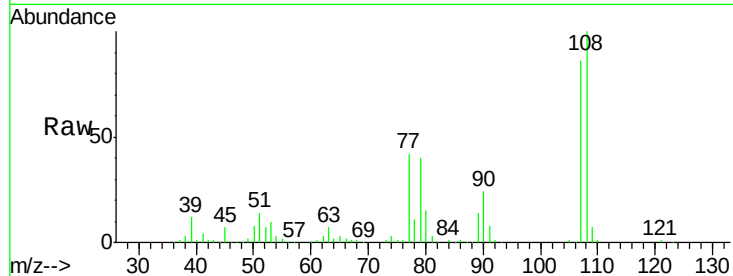
#17
2-Methylphenol
Concen: 39.71 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	415734		
108	108.00	116.0	93.0	139.4	
77	77.00	48.5	44.1	66.1	
79	79.00	47.0	43.6	65.4	

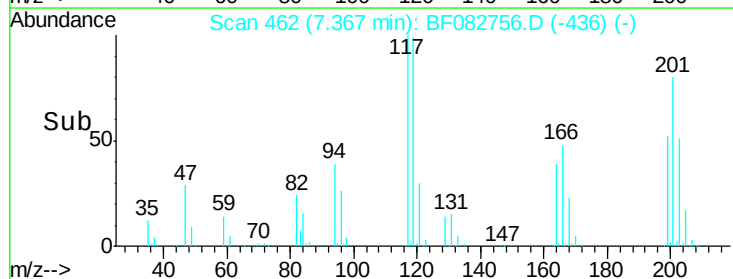
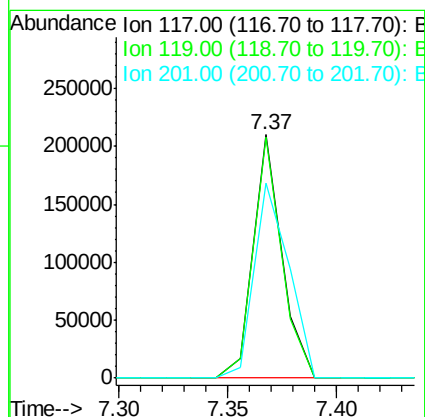
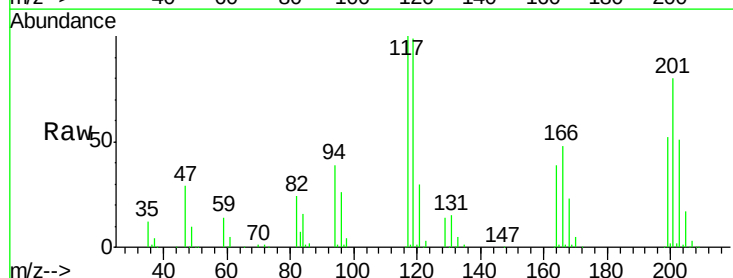
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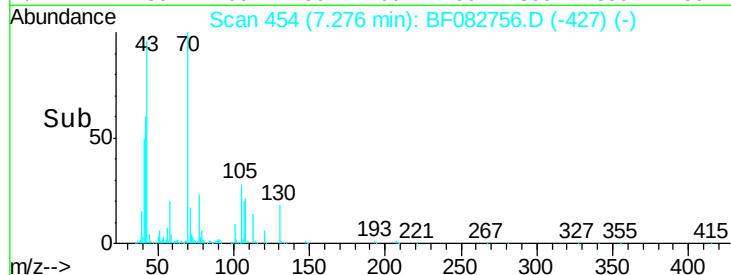
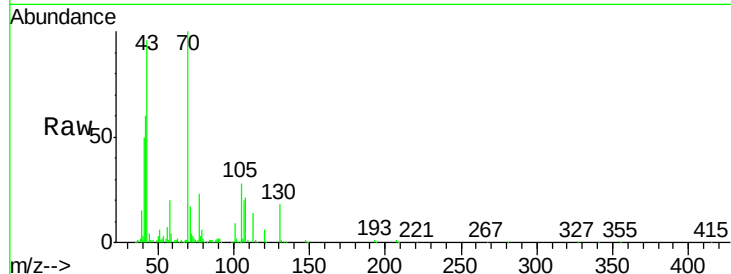
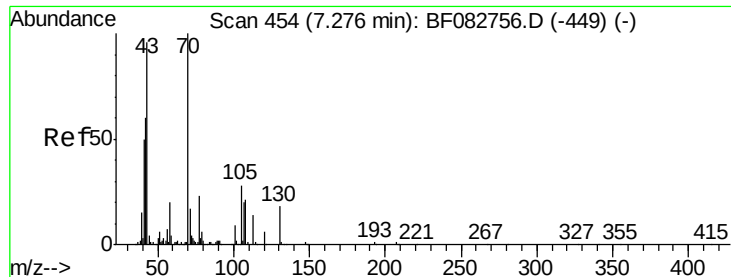
Mmdadoda
11/9/2015 2:10:00 PM



#18
Hexachloroethane
Concen: 35.32 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	191967		
119	119.00	98.8	77.7	116.5	
201	201.00	80.3	66.7	100.1	





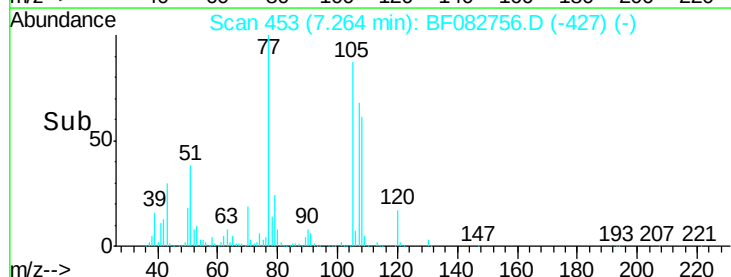
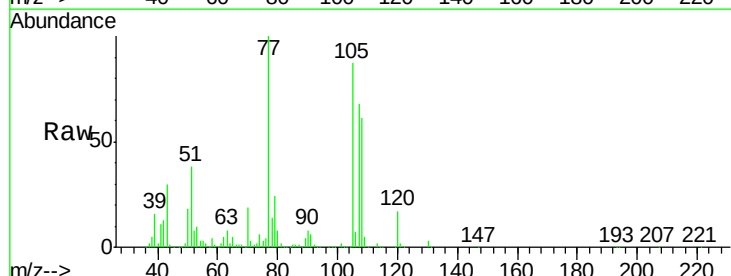
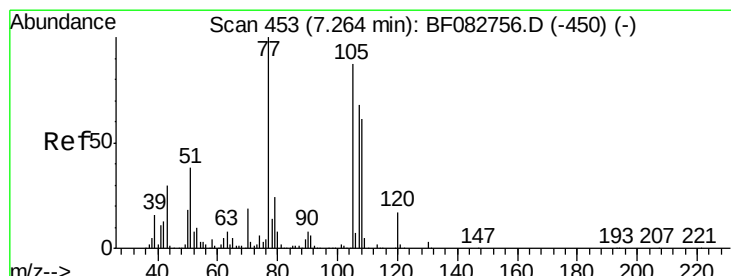
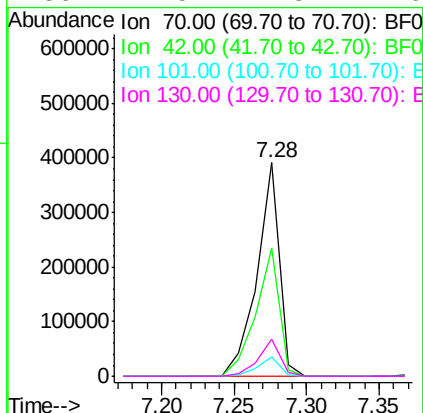
#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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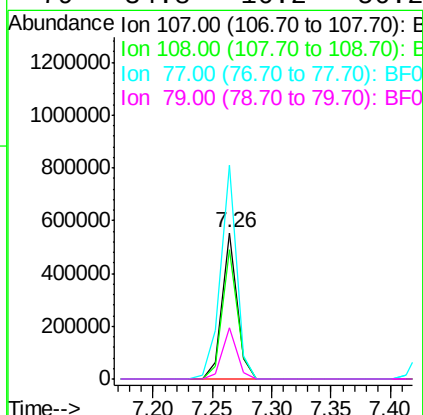
Mmdadoda
11/9/2015 2:10:00 PM

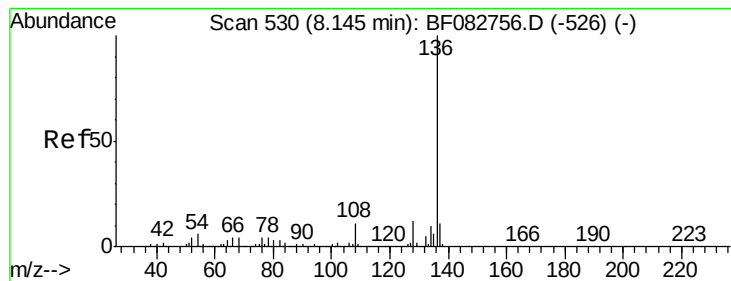
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.1	57.7	86.5	
101	9.1	7.0	10.6	
130	17.5	11.8	17.6	



#20
3+4-Methylphenols
Concen: 35.38 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.3	107.3	
77	146.3	100.3	140.3#	
79	34.8	16.2	56.2	





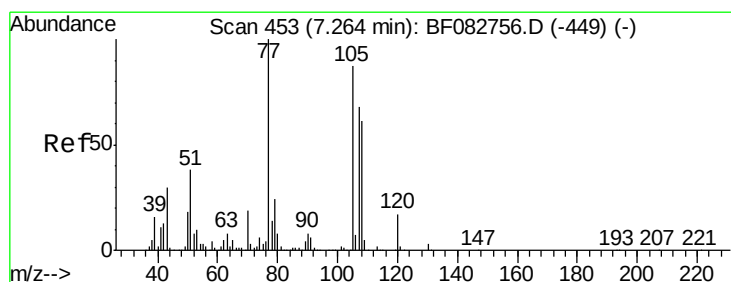
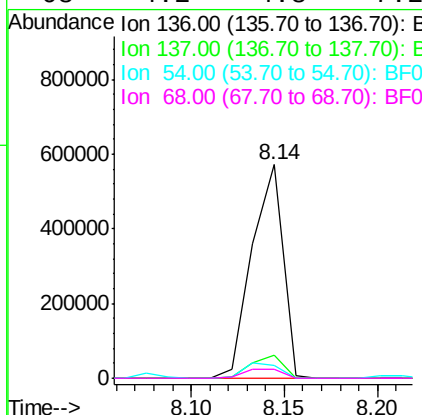
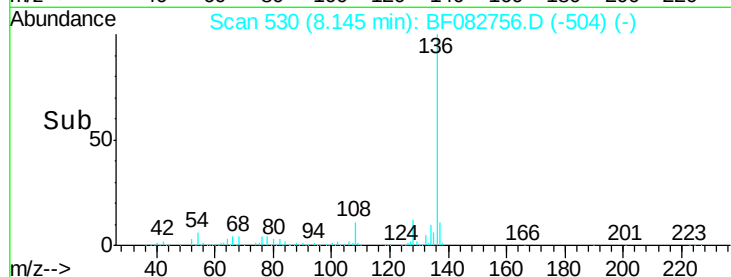
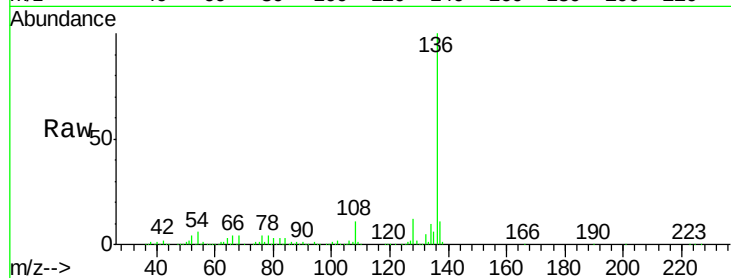
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		660519		
137	11.1		9.1	13.7	
54	6.2		9.1	13.7	
68	4.2		4.8	7.2	

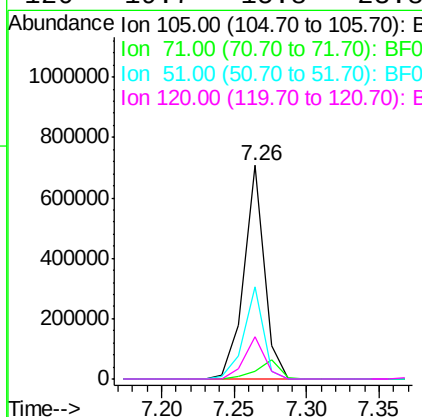
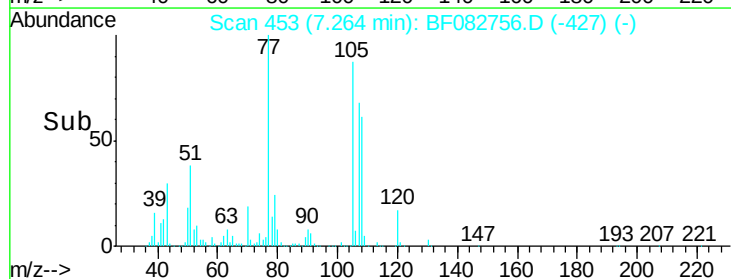
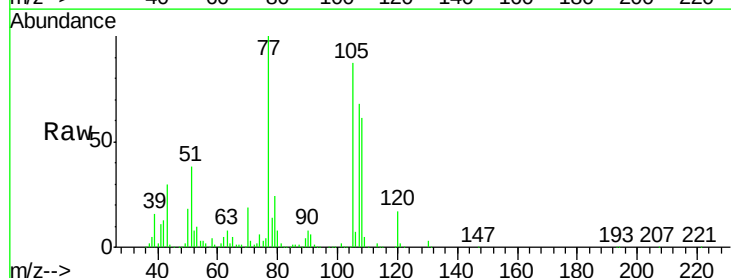
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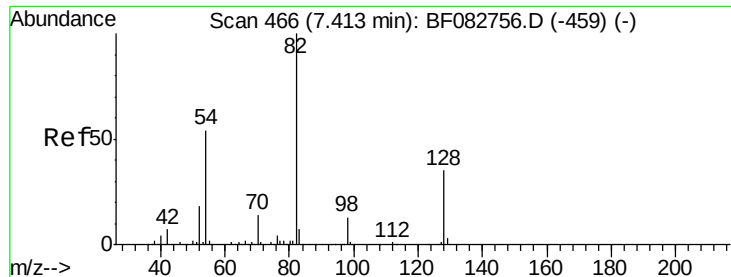
Mmdadoda
11/9/2015 2:10:00 PM



#22
Acetophenone
Concen: 35.65 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		693301		
71	3.5		5.6	8.4	
51	43.3		24.9	37.3	
120	19.7		15.8	23.8	





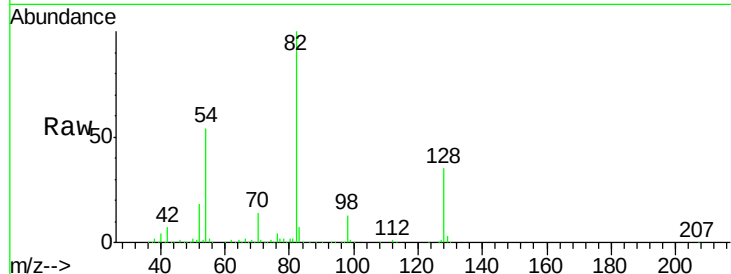
#23
 Nitrobenzene-d5
 Concen: 74.45 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.8	40.2
54	53.7	45.7	68.5

Manual Integrations
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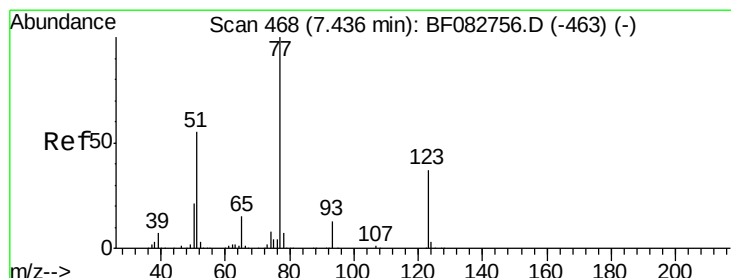
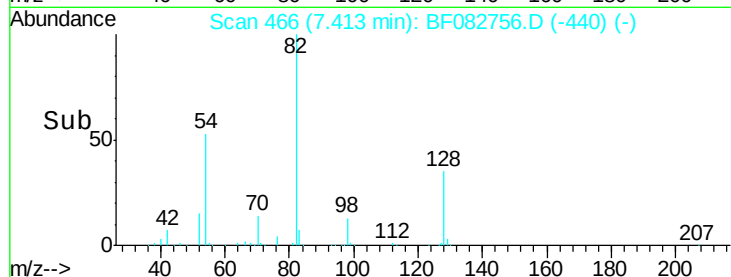
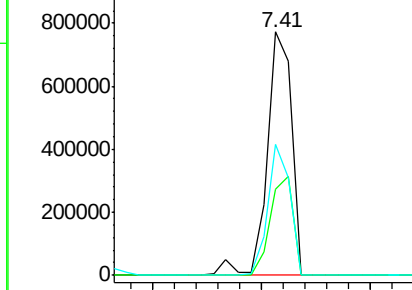


Abundance

Ion 82.00 (81.70 to 82.70): BF0

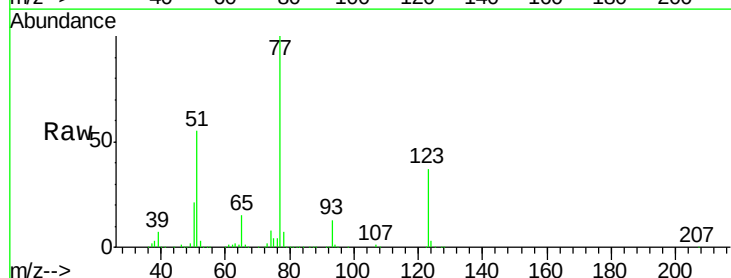
Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24
 Nitrobenzene
 Concen: 36.50 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	36.4	54.6
65	15.0	11.5	17.3

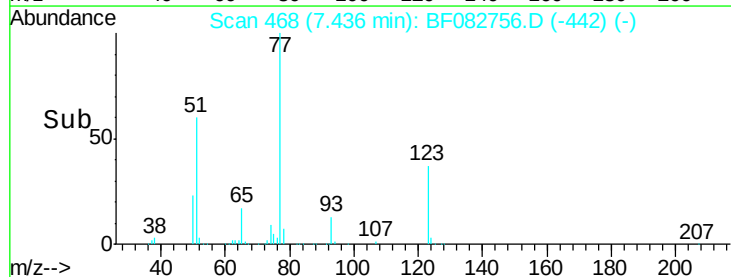
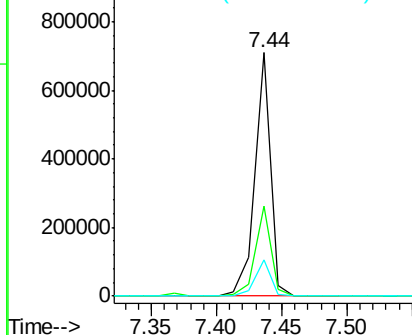


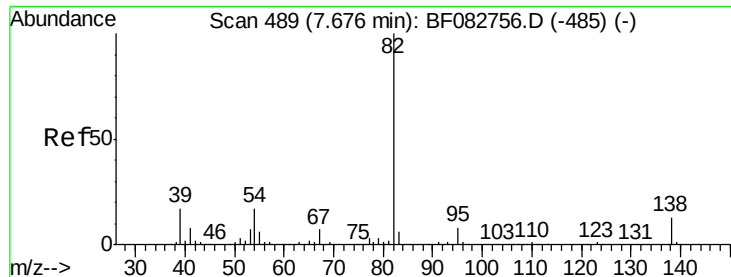
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.23 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 82 Resp: 1078035

Ion Ratio Lower Upper

82 100

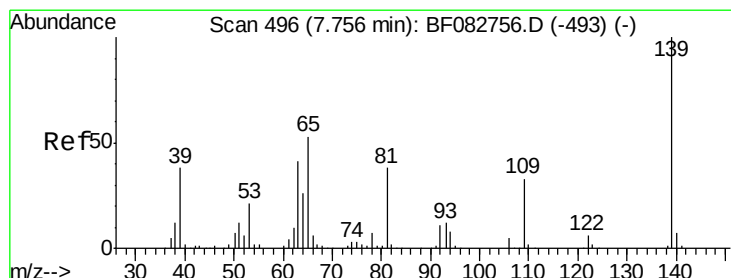
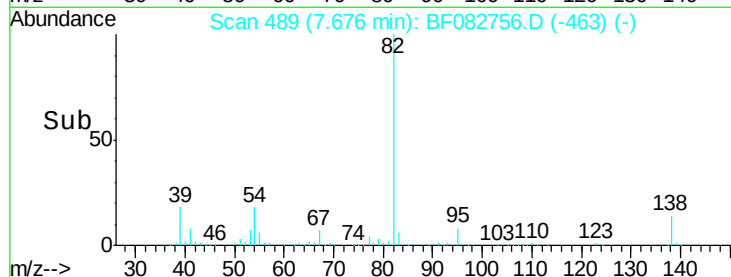
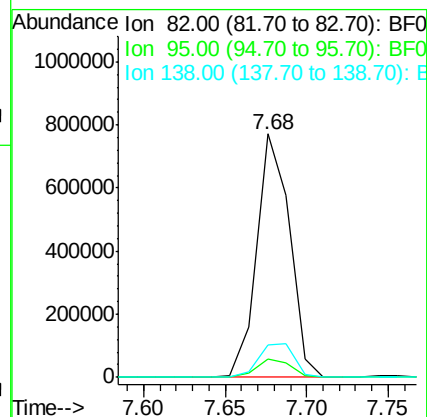
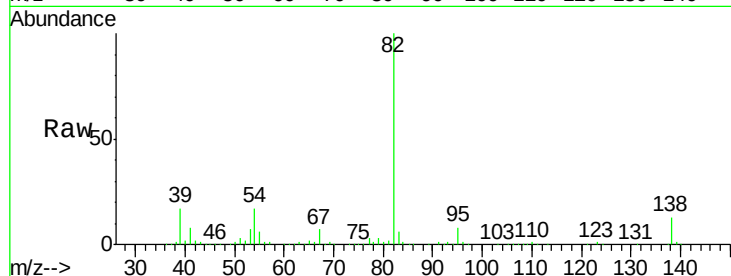
95 7.5 6.6 9.8

138 13.5 11.4 17.0

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#26

2-Nitrophenol

Concen: 47.47 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

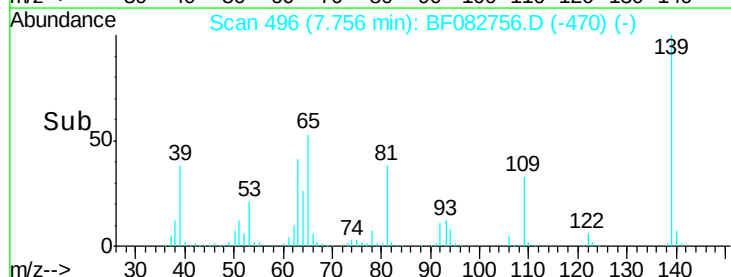
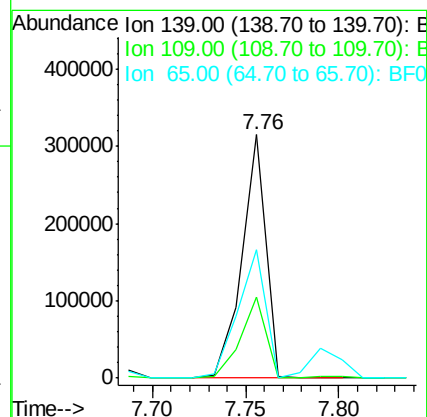
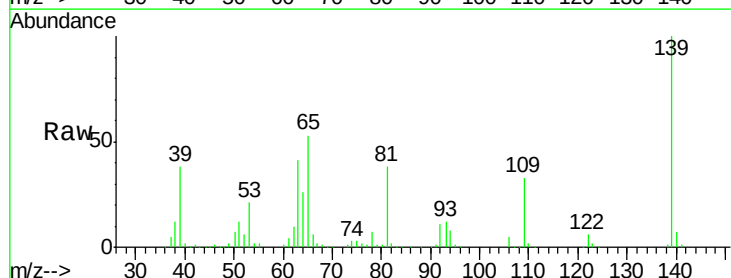
Tgt Ion: 139 Resp: 283502

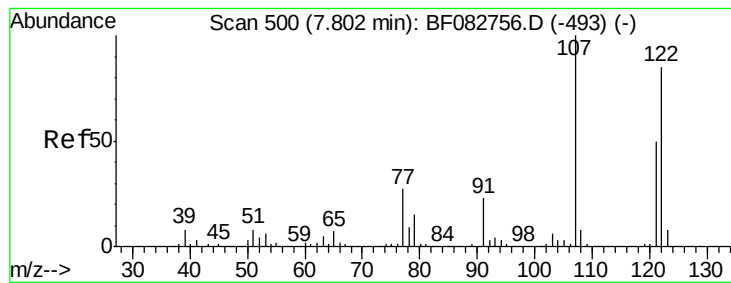
Ion Ratio Lower Upper

139 100

109 33.0 37.6 56.4#

65 53.0 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 38.11 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

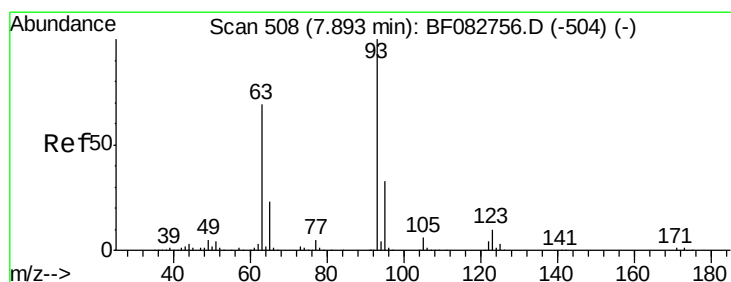
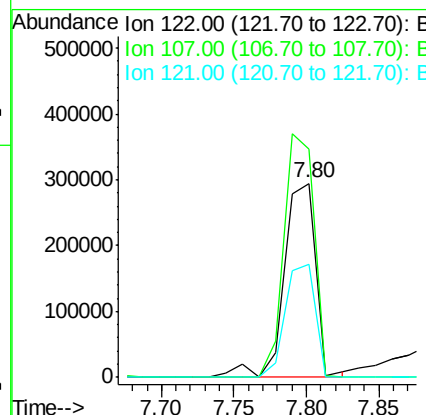
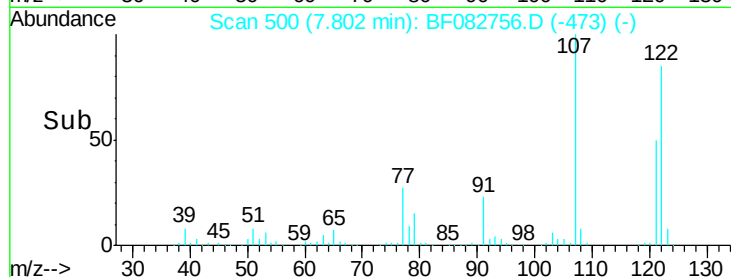
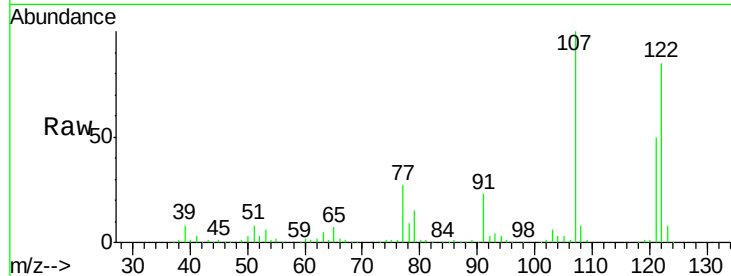
ClientSampleId :

SSTDICCC040

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11/9/2015 2:10:00 PM

Tot Ion:	122	Resp:	444350
Ion Ratio	Lower	Upper	
122	100		
107	117.7	106.0	159.0
121	58.5	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.94 ng

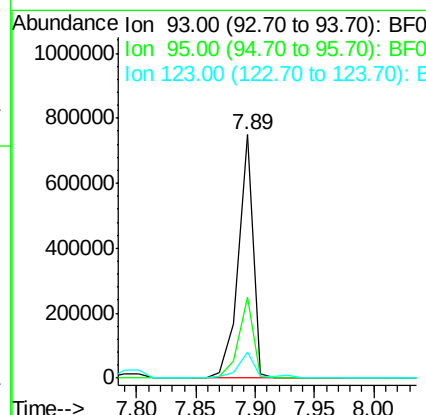
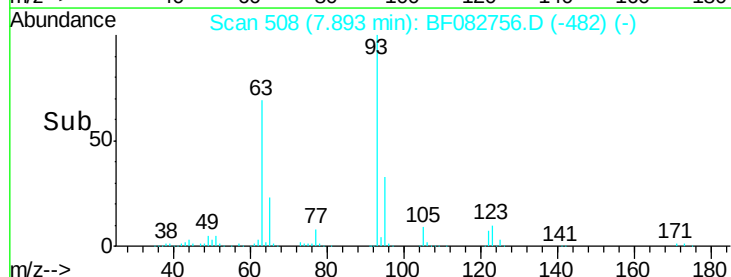
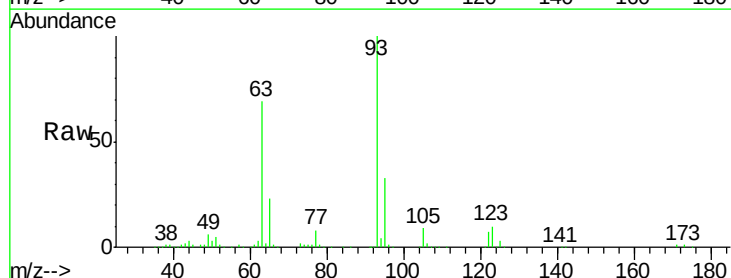
RT: 7.89 min Scan# 508

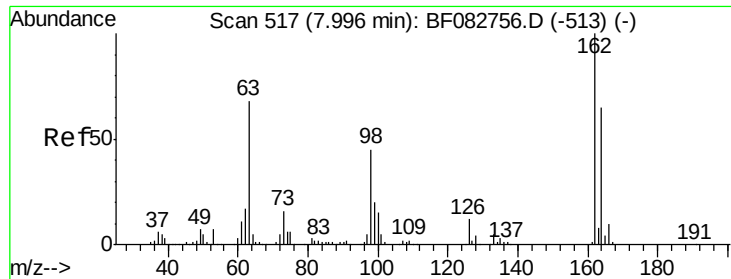
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	93	Resp:	650128
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.6	40.0
123	10.4	9.7	14.5





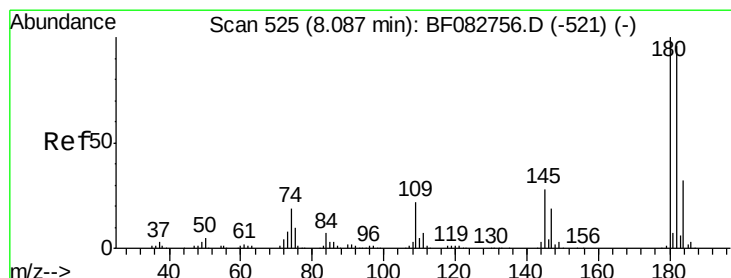
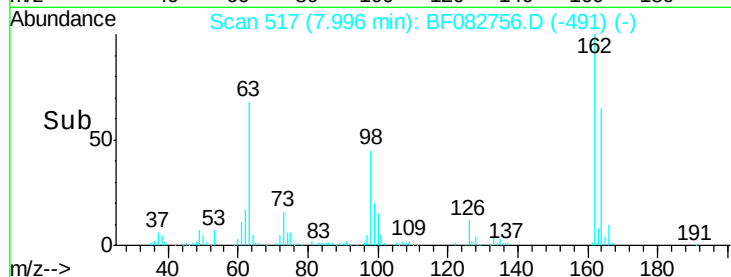
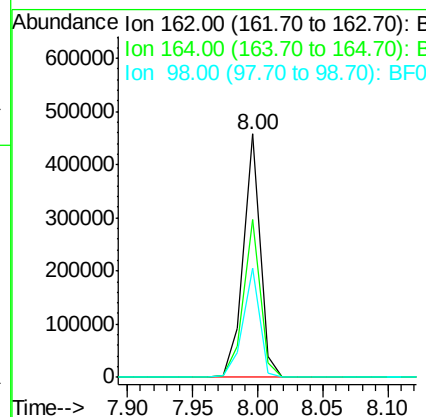
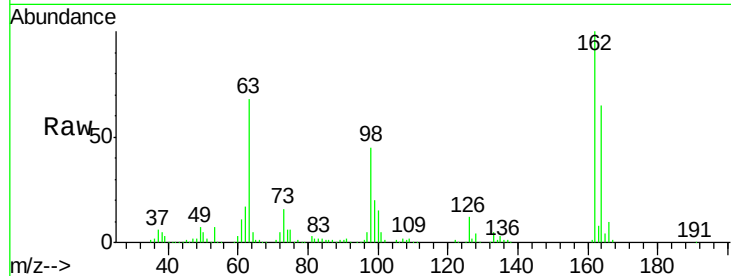
#29
2,4-Dichlorophenol
Concen: 38.40 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	408063		
164	64.6	46.8	86.8	
98	45.1	12.5	52.5	

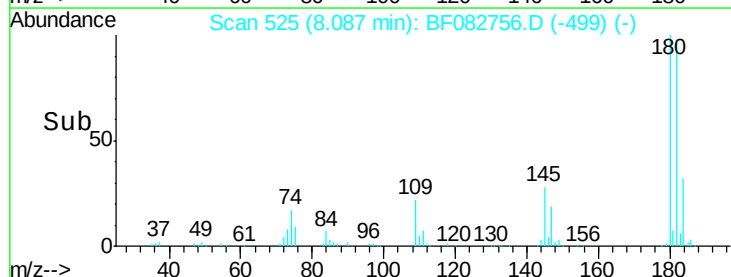
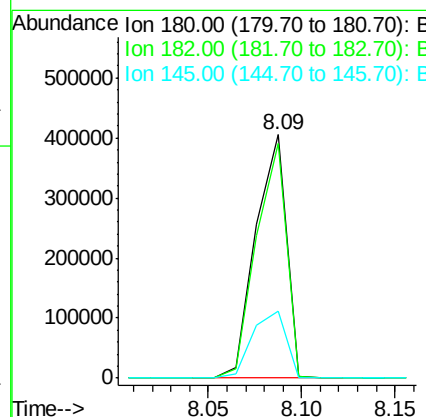
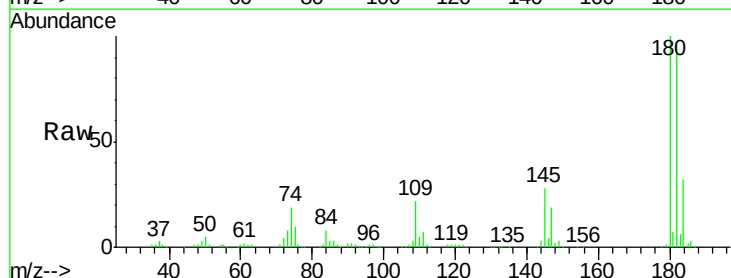
Manual Integrations
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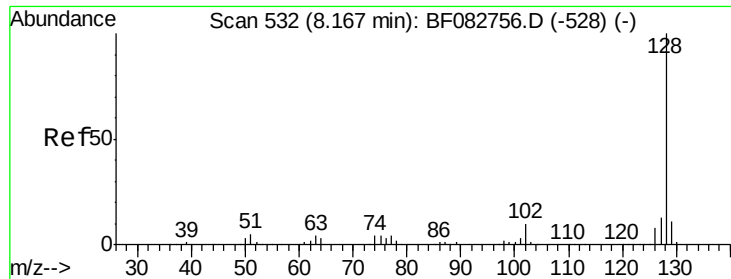
Mmdadoda
11/9/2015 2:10:00 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.69 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	468076		
182	96.4	74.9	112.3	
145	27.7	27.8	41.8#	





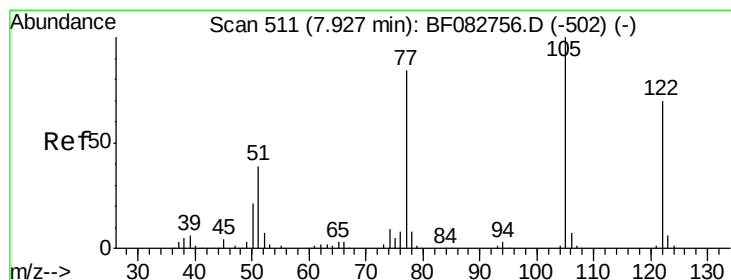
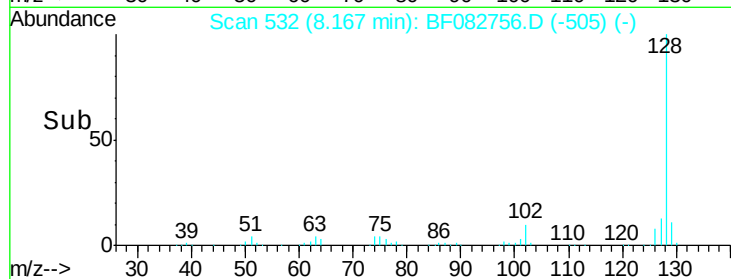
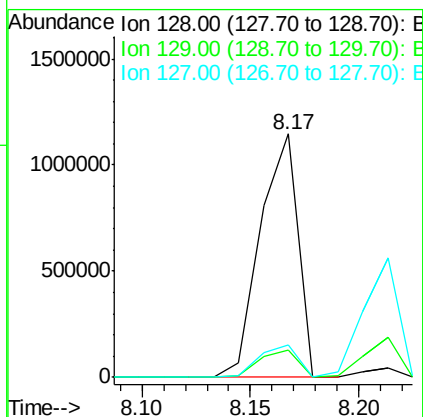
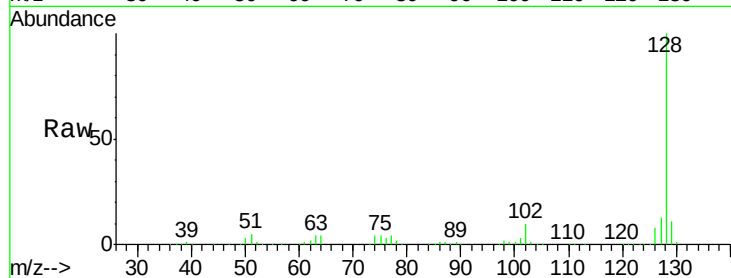
#31
Naphthalene
Concen: 39.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.2	11.4	17.0

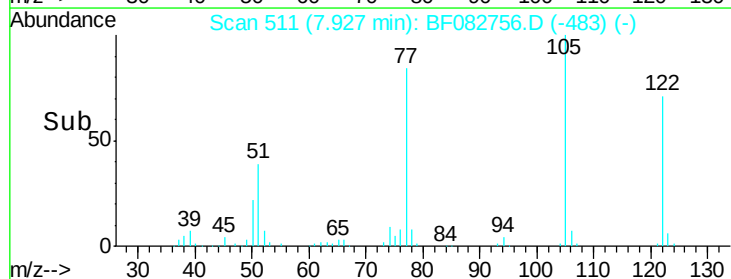
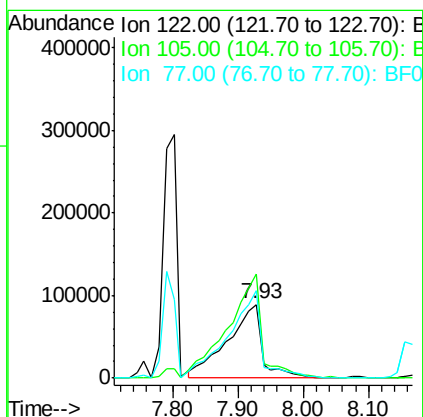
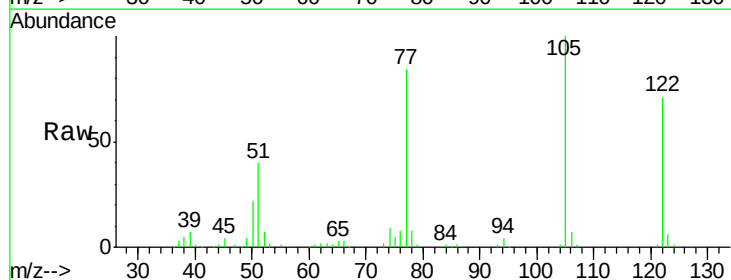
Manual Integrations
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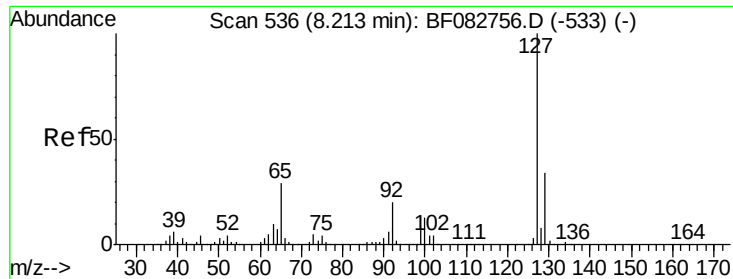
Mmdadoda
11/9/2015 2:10:00 PM



#32
Benzoic acid
Concen: 38.32 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.1	122.6	162.6
77	118.4	100.9	140.9





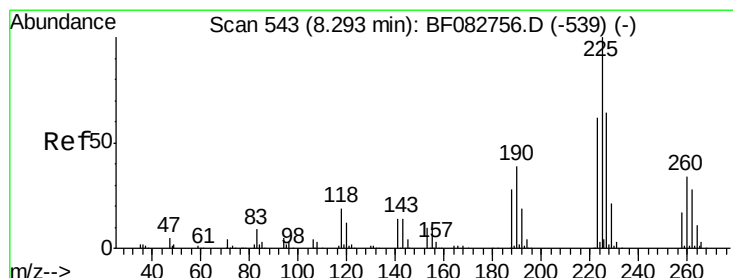
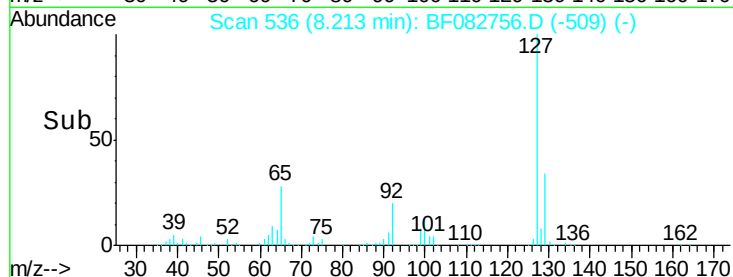
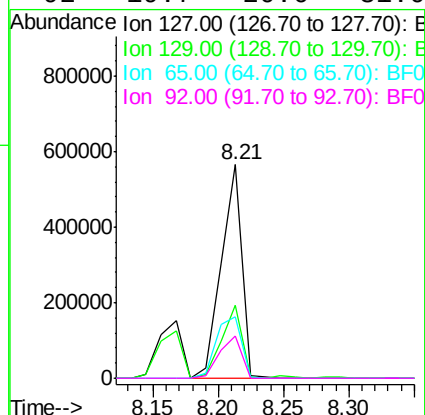
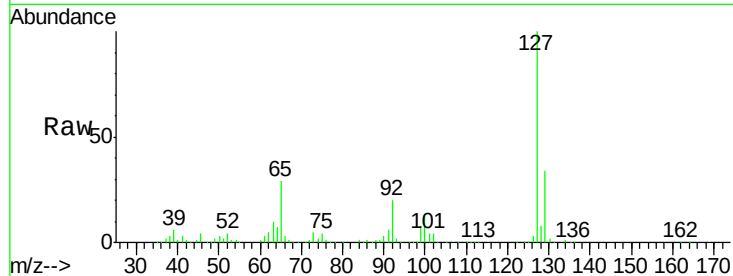
#33
4-Chloroaniline
Concen: 40.93 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.3	39.5		
65	29.0	37.8	56.8		
92	19.7	20.6	31.0		

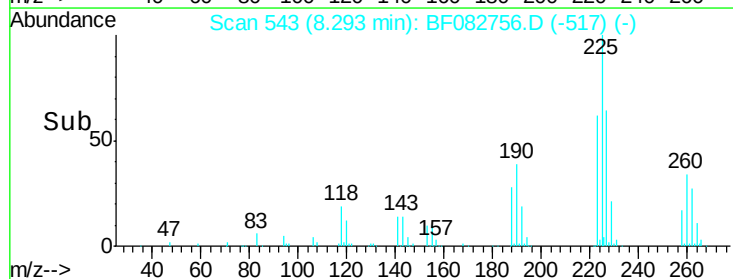
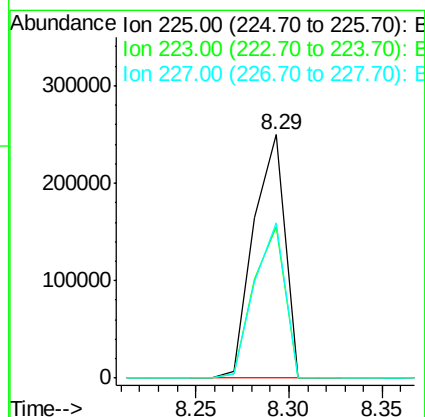
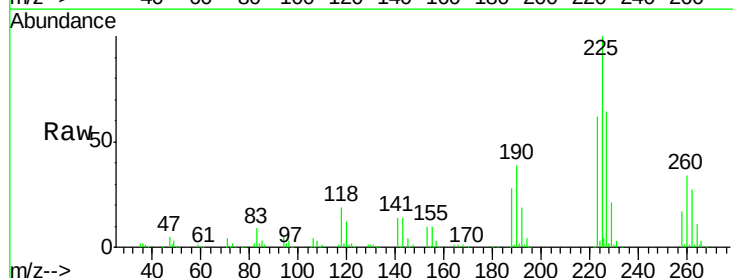
Manual Integrations
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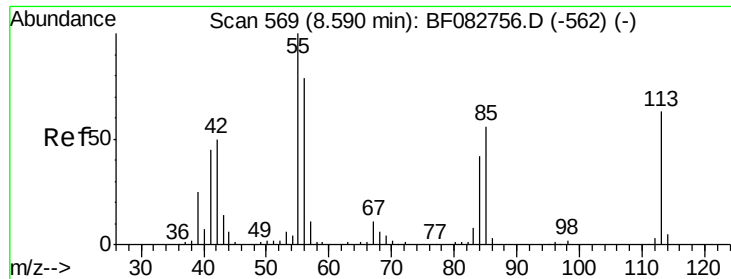
Mmdadoda
11/9/2015 2:10:00 PM



#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.5	75.7		
227	63.9	50.2	75.2		





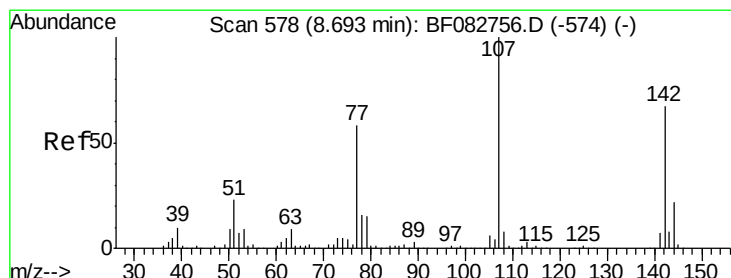
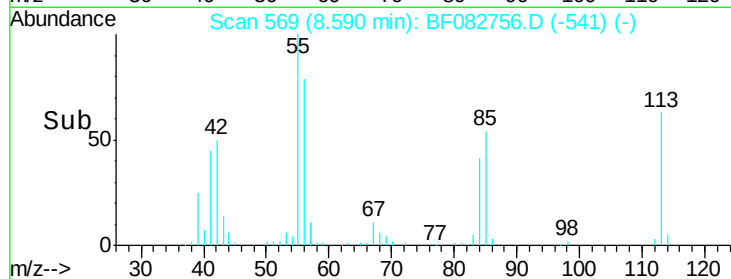
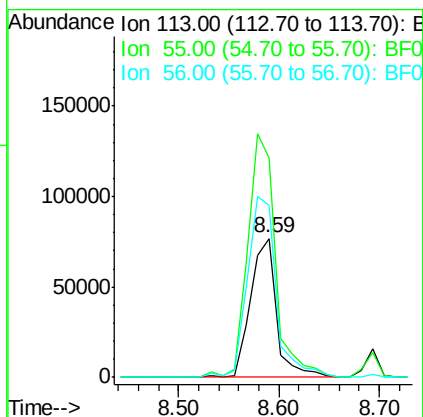
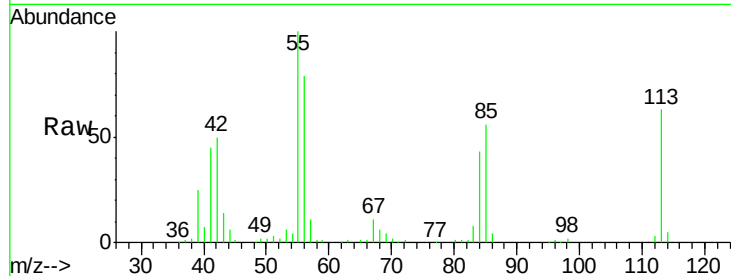
#35
 Caprolactam
 Concen: 42.50 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.7	195.5	235.5#
56	123.9	153.5	193.5#

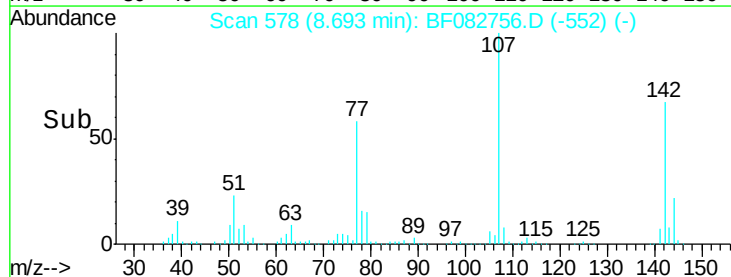
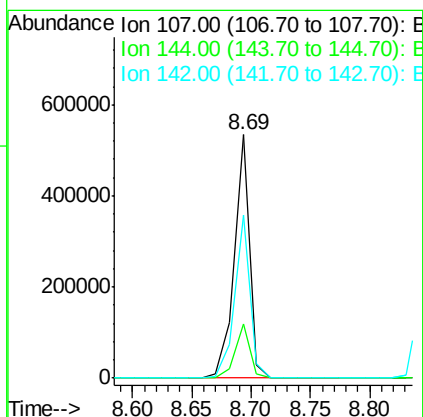
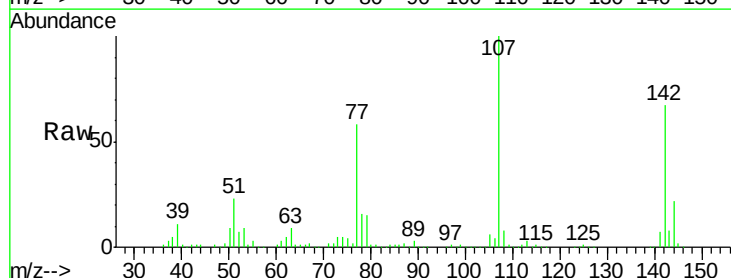
Manual Integrations
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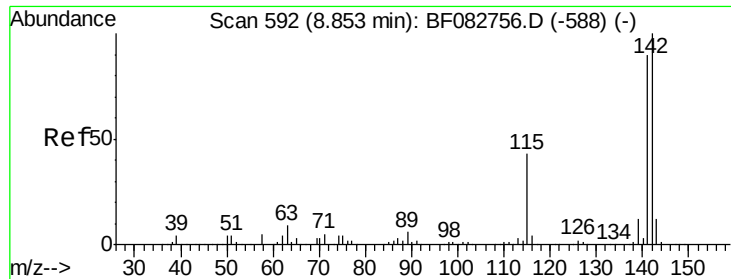
Mmdadoda
 11/9/2015 2:10:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.29 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	15.4	23.0
142	67.0	47.8	71.8





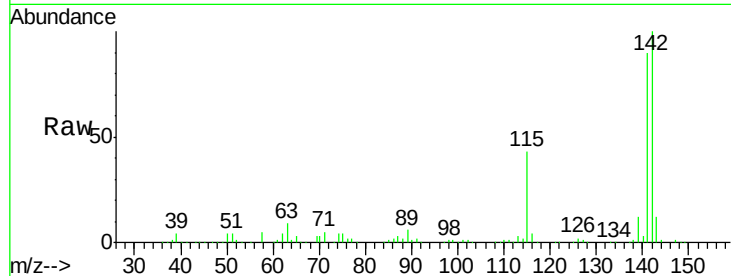
#37
2-Methylnaphthalene
Concen: 38.85 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

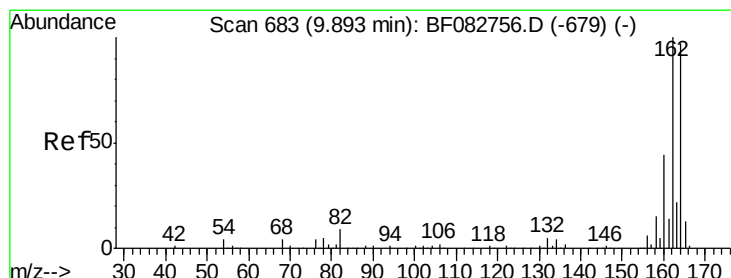
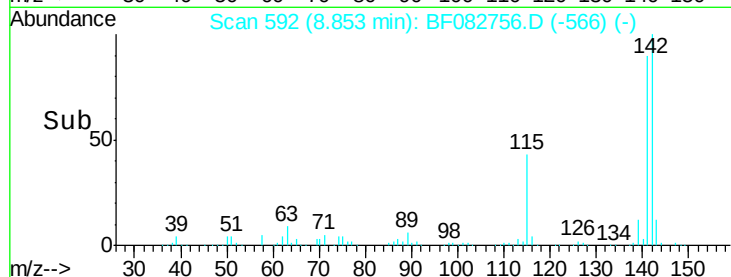
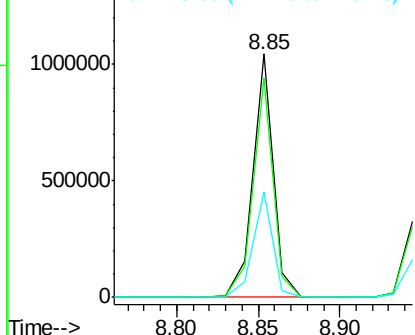
Tot Ion	Ratio	Resp	Lower	Upper
142	100	899947		
141	90.3	72.3	108.5	
115	43.5	38.1	57.1	

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Mmdadoda
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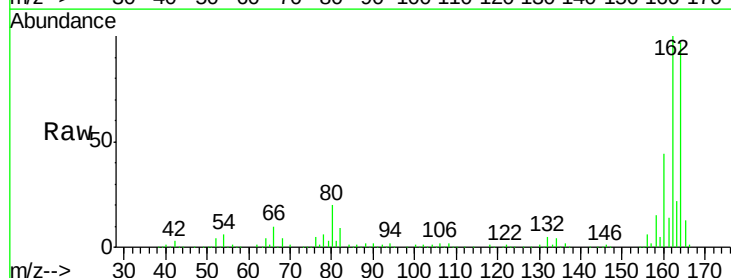


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

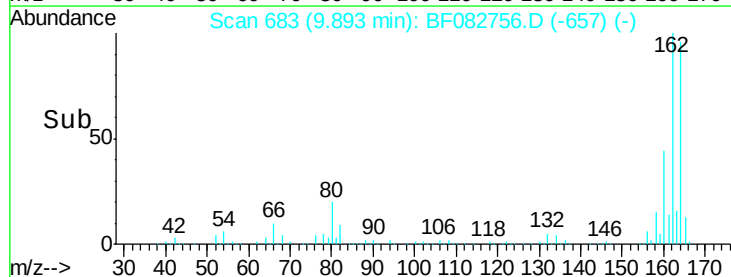
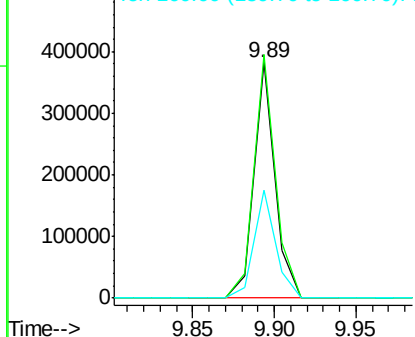


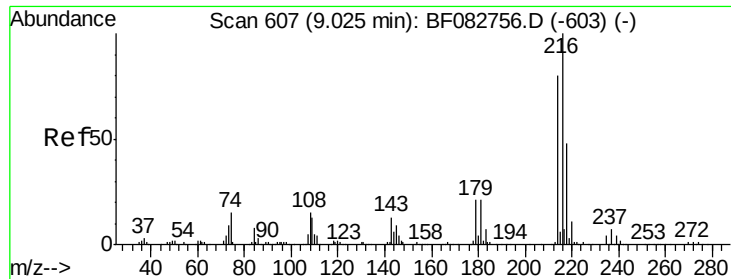
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	341225		
162	103.3	84.9	127.3	
160	45.7	37.5	56.3	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





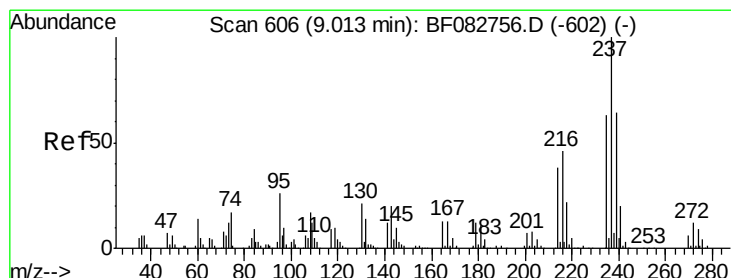
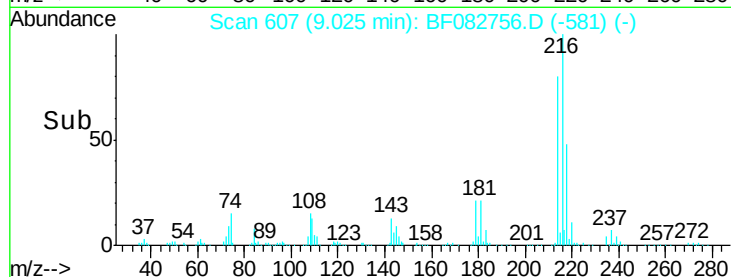
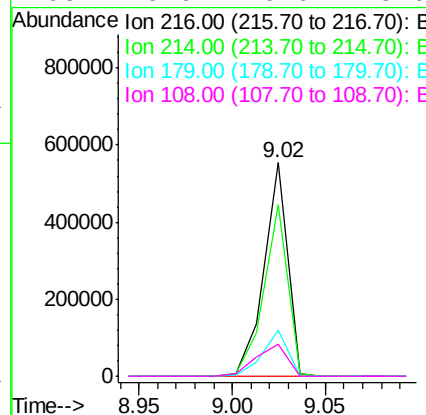
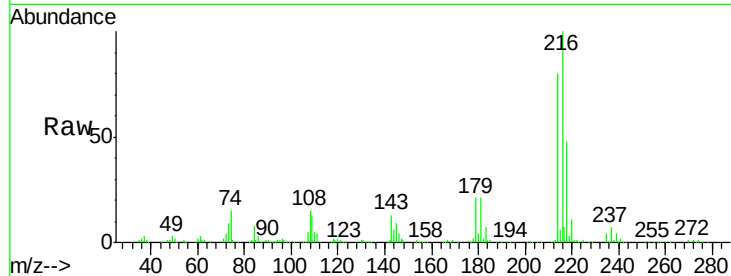
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.58 ng
RT: 9.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		484814		
214	80.7	62.2	93.2		
179	22.4	18.1	27.1		
108	19.9	16.6	25.0		

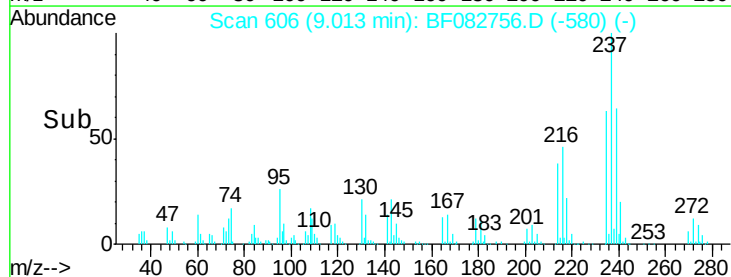
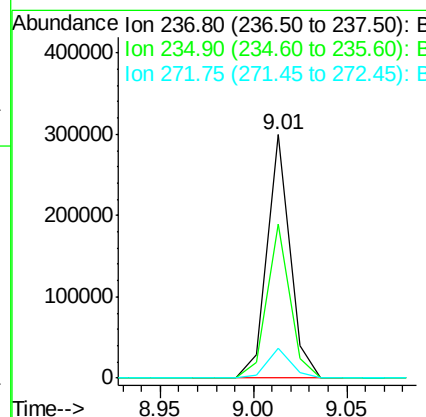
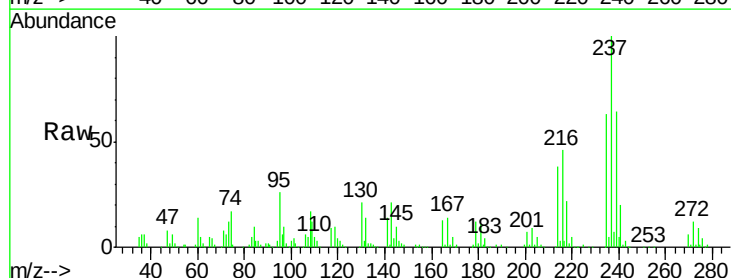
Manual Integrations
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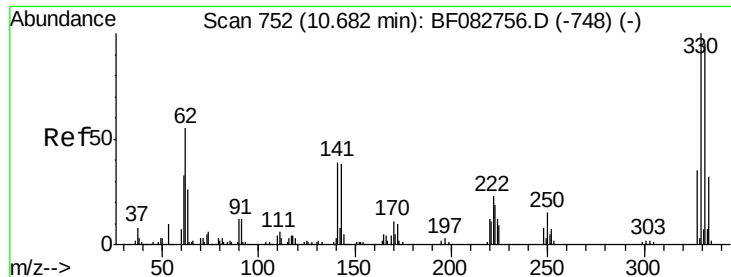
Mmdadoda
11/9/2015 2:10:00 PM



#40
Hexachlorocyclopentadiene
Concen: 35.41 ng
RT: 9.01 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		253486		
235	63.1	44.3	84.3		
272	12.1	0.0	31.9		





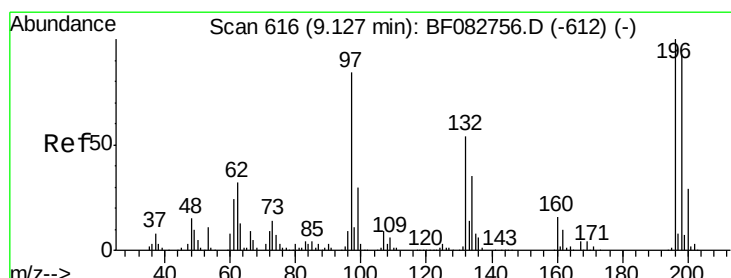
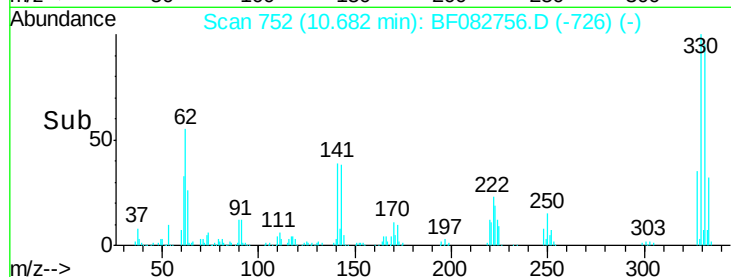
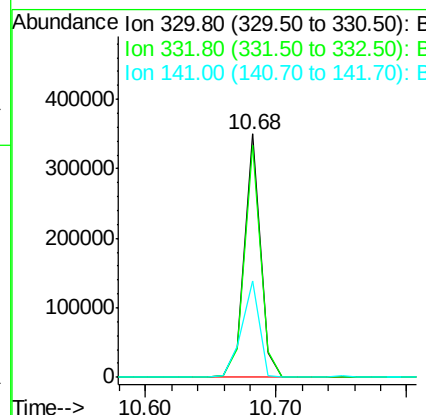
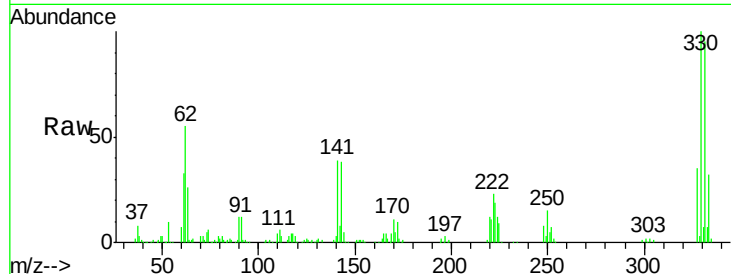
#41
 2,4,6-Tribromophenol
 Concen: 79.70 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	297626		
332	96.2	76.6	114.8	
141	43.3	41.2	61.8	

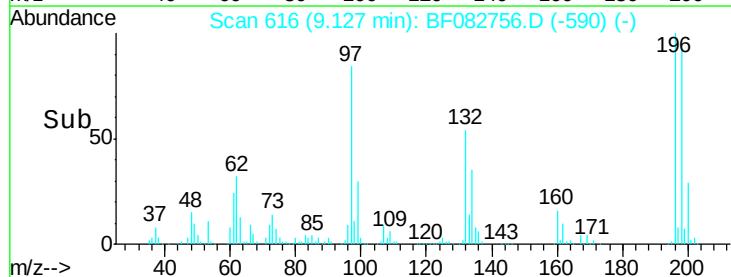
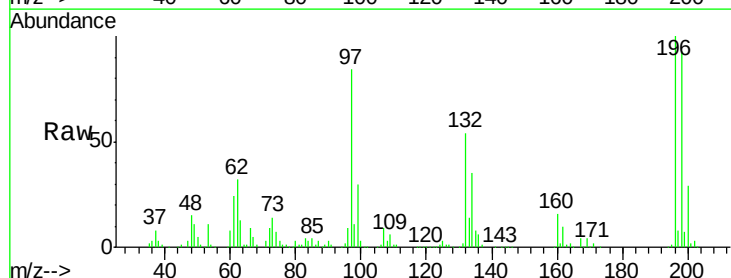
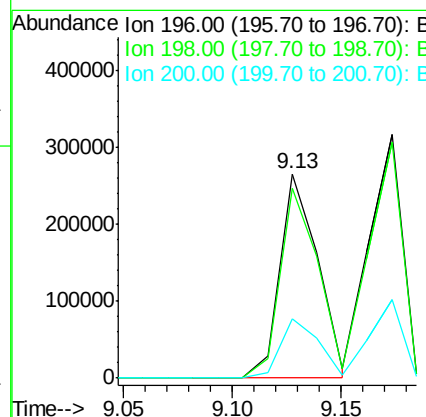
Manual Integrations
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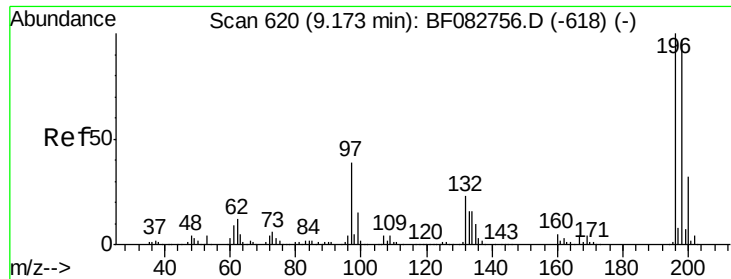
Mmdadoda
 11/9/2015 2:10:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322520		
198	92.8	76.3	114.5	
200	28.8	23.9	35.9	





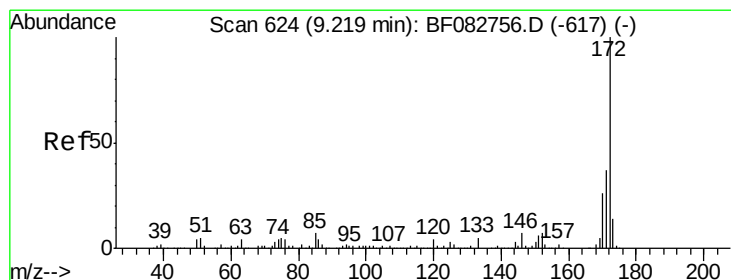
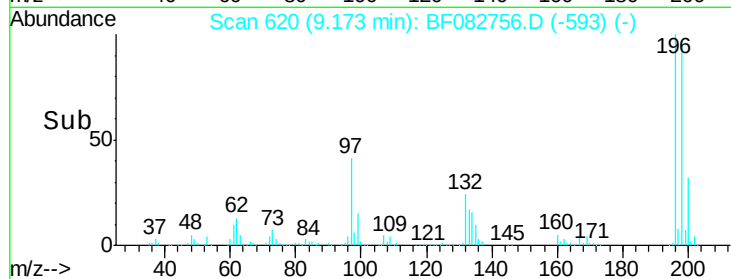
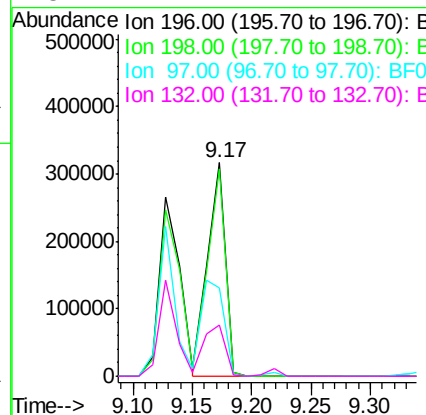
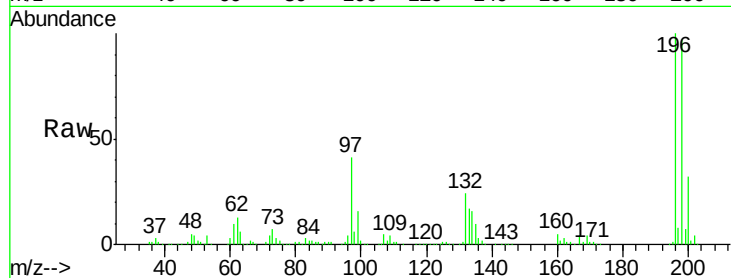
#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	335211		
198	97.0	75.8	113.8	
97	41.4	62.3	93.5	
132	24.2	27.4	41.2	

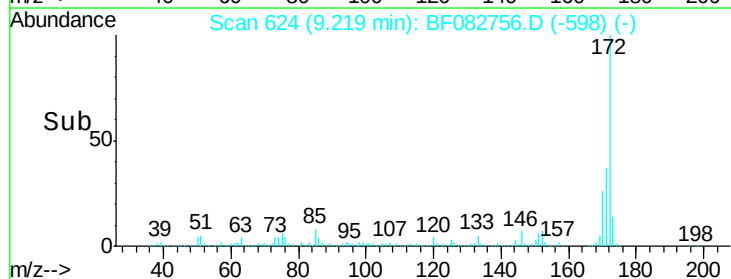
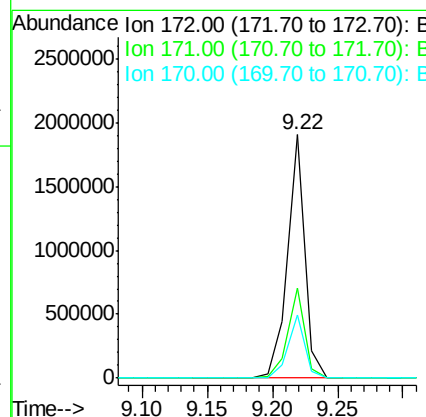
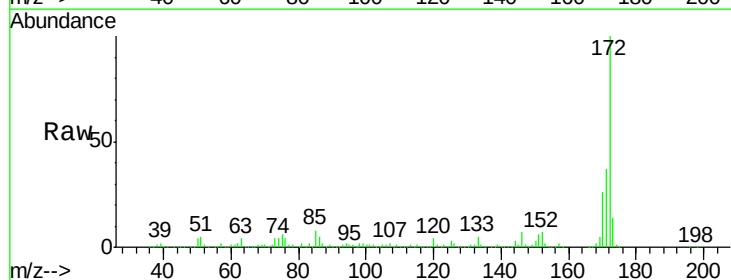
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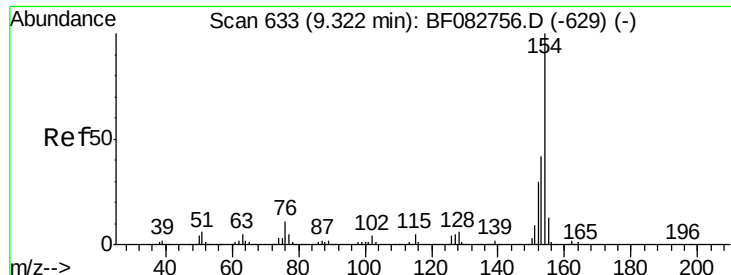
Mmdadoda
 11/9/2015 2:10:00 PM



#44
 2-Fluorobiphenyl
 Concen: 74.06 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1779955		
171	37.2	30.8	46.2	
170	26.0	21.2	31.8	





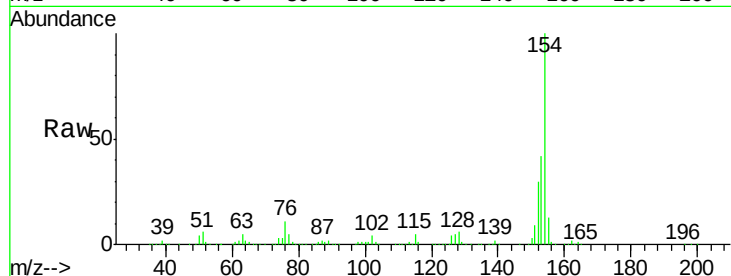
#45
 1,1'-Biphenyl
 Concen: 43.81 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

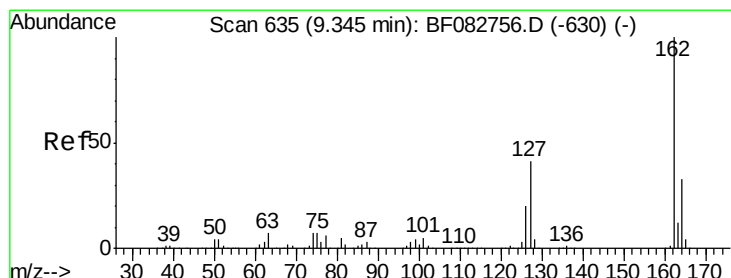
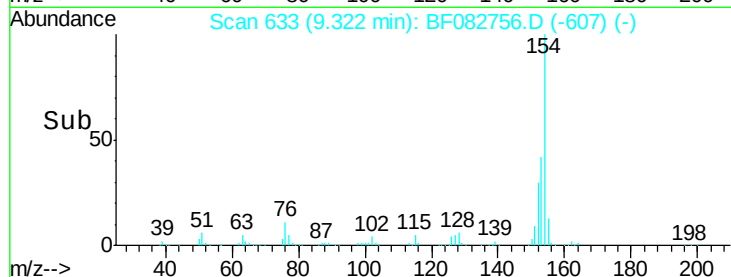
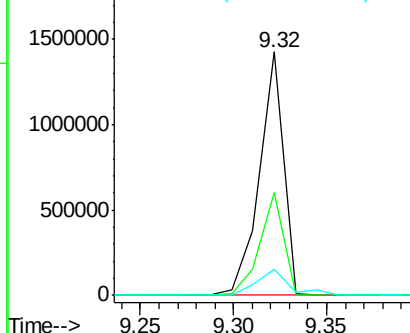
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.0	62.0
76	10.8	0.0	29.0

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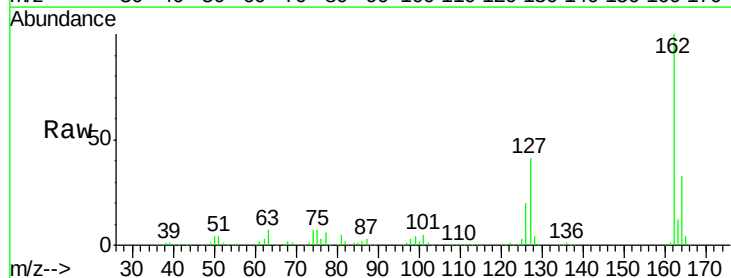


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

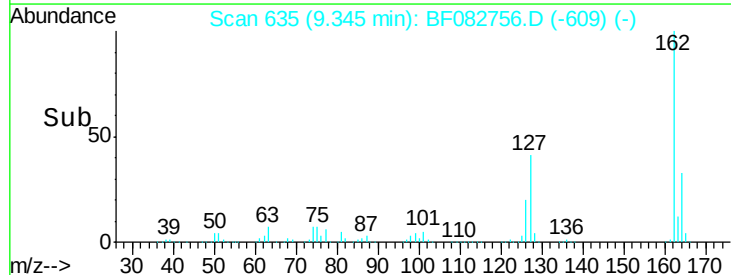
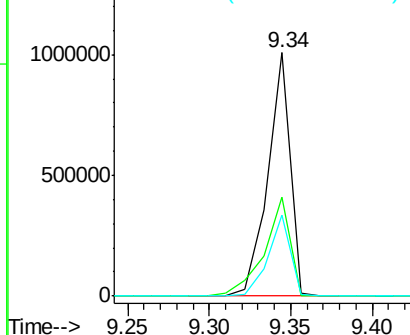


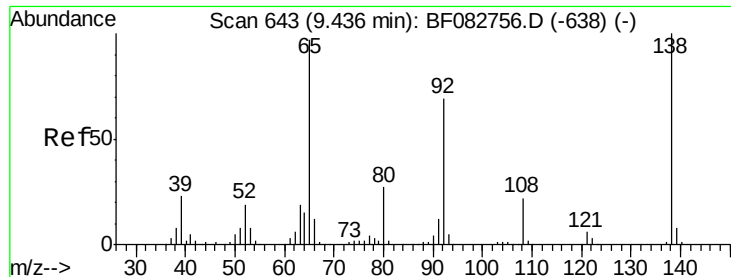
#46
 2-Chloronaphthalene
 Concen: 42.91 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.7	49.1
164	33.3	27.4	41.0



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





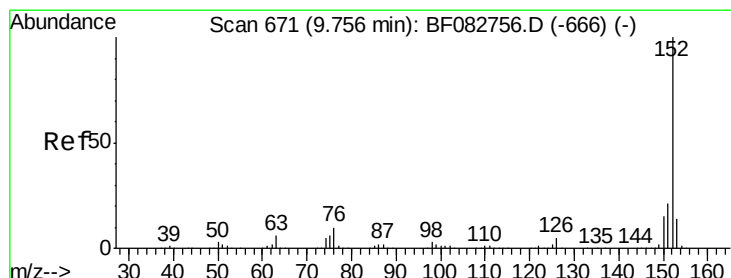
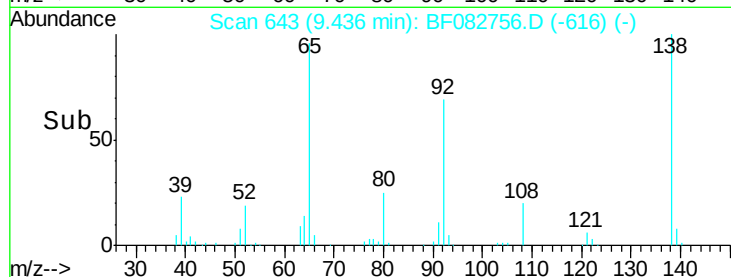
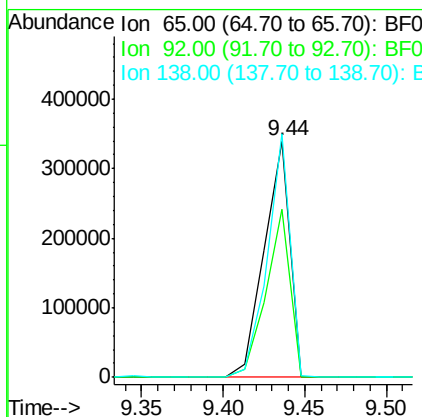
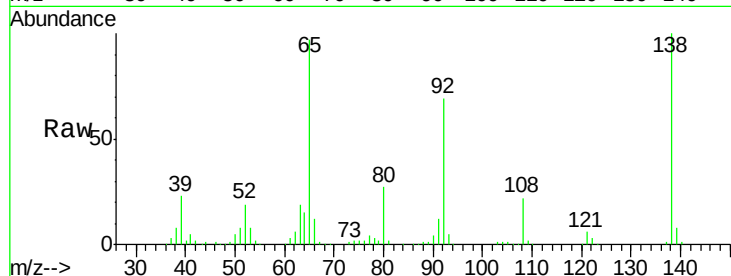
#47
2-Nitroaniline
Concen: 42.58 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.1	46.6	70.0		
138	102.9	54.6	81.8		

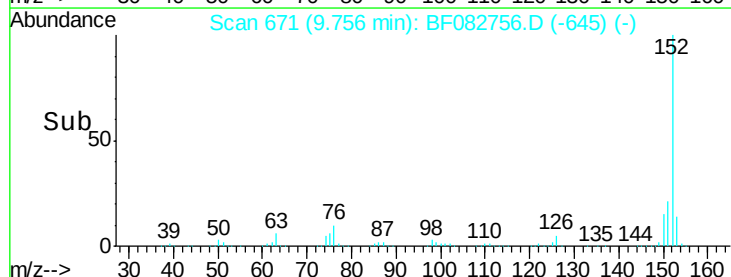
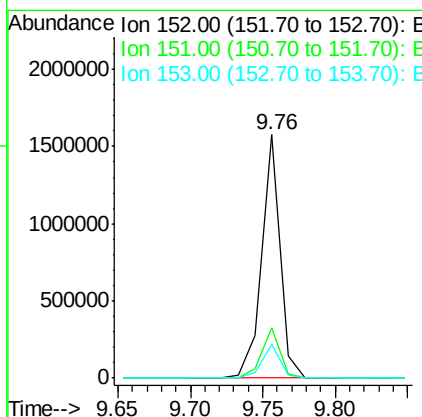
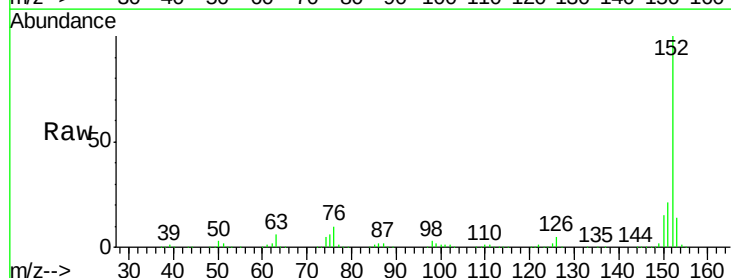
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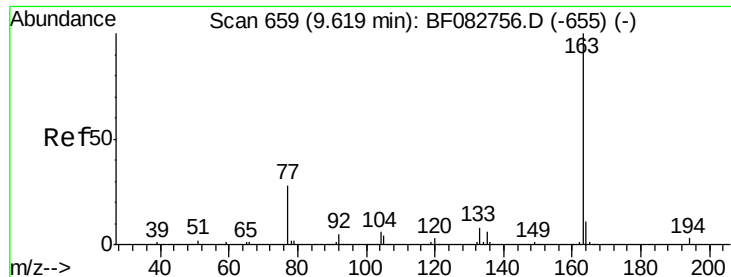
Mmdadoda
11/9/2015 2:10:00 PM



#48
Acenaphthylene
Concen: 38.48 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	20.9	17.3	25.9		
153	13.9	11.3	16.9		





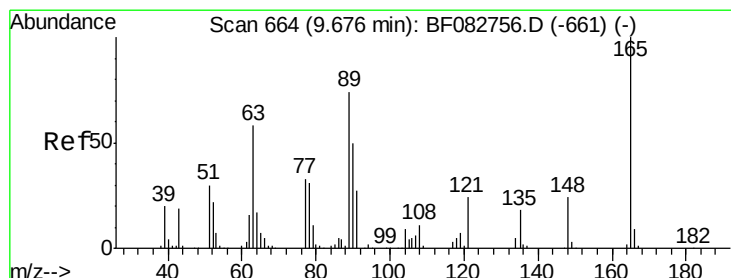
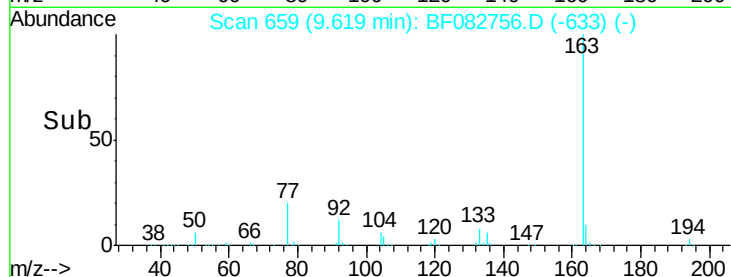
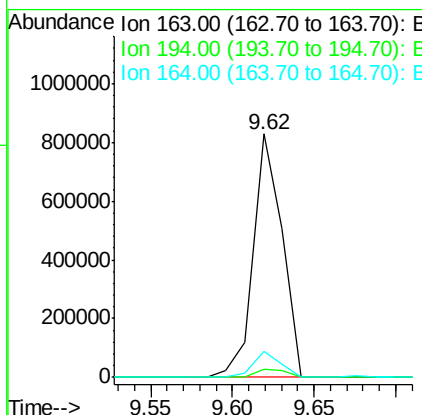
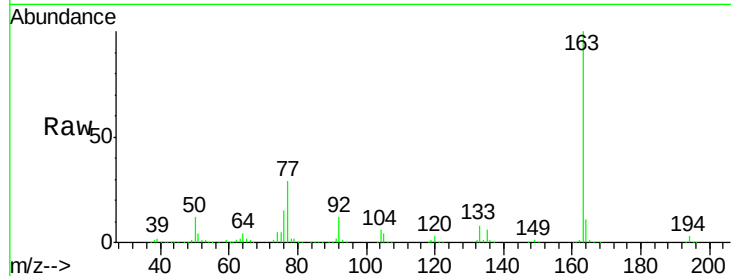
#49
Dimethylphthalate
Concen: 36.39 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.7	13.1

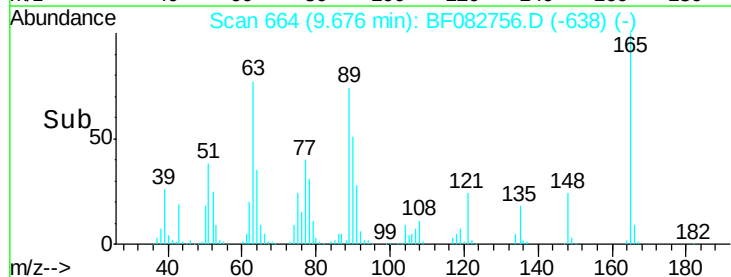
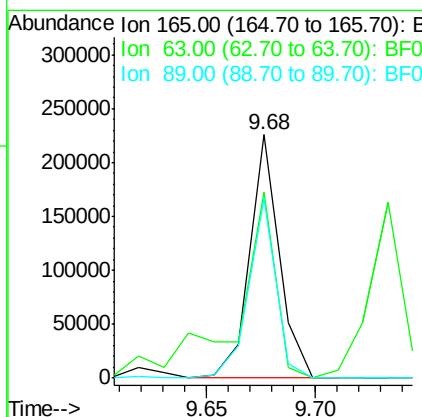
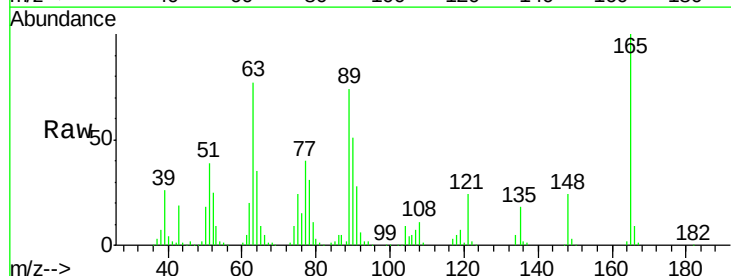
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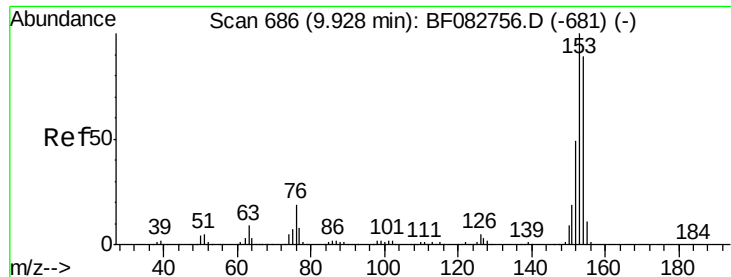
Mmdadoda
11/9/2015 2:10:00 PM



#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.5	55.5	83.3
89	73.6	55.0	82.6





#51

Acenaphthene

Concen: 38.20 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

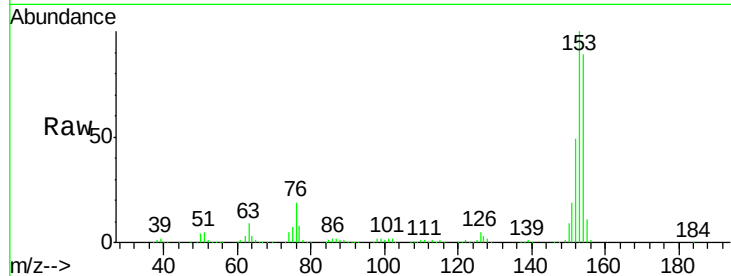
ClientSampleId :

SSTDICCC040

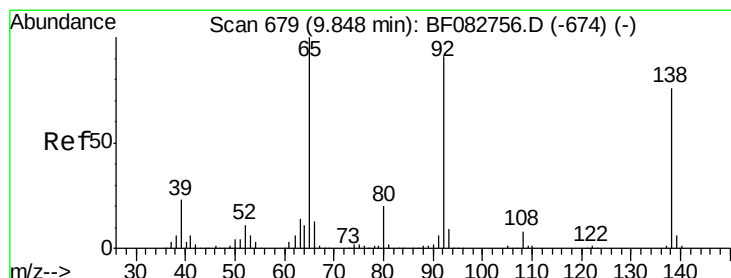
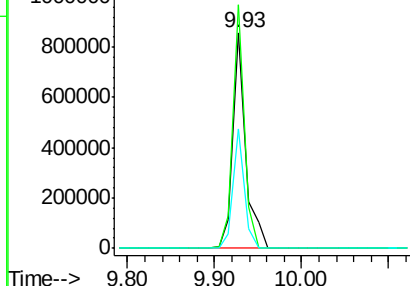
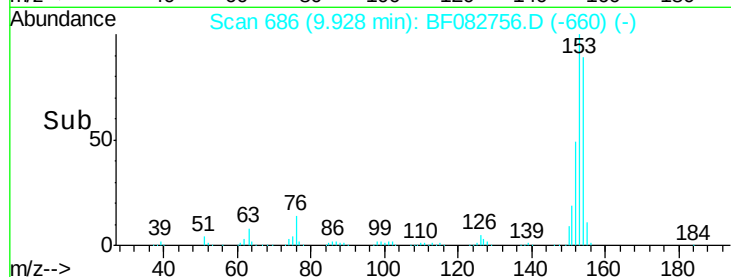
Tot Ion:	154	Resp:	872899
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.1	135.1
152	55.3	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.71 ng

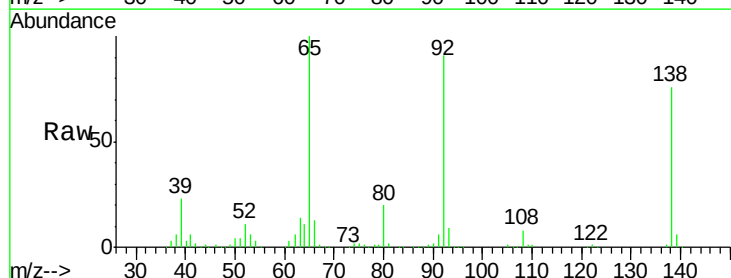
RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

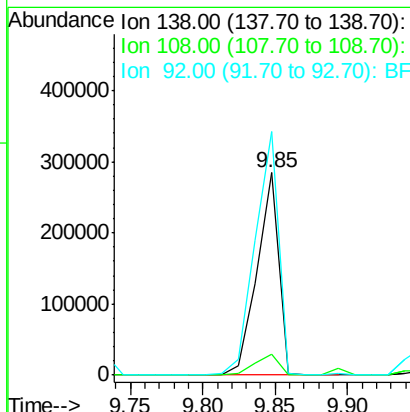
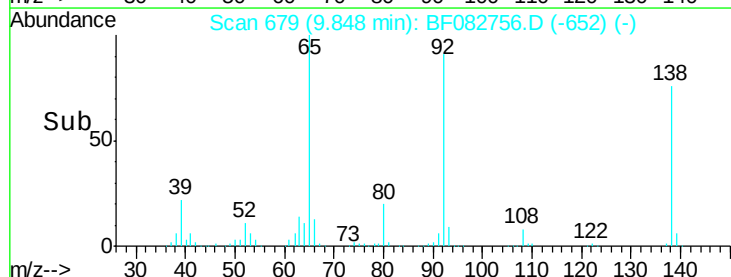
Lab File: BF082756.D

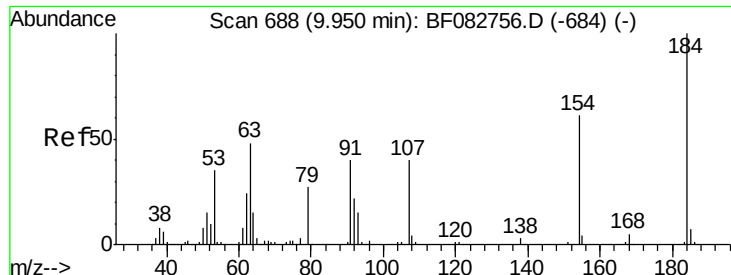
Acq: 6 Nov 2015 12:29

Tgt Ion:	138	Resp:	293723
Ion Ratio	Lower	Upper	
138	100		
108	10.6	11.3	16.9#
92	120.3	122.4	183.6#



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





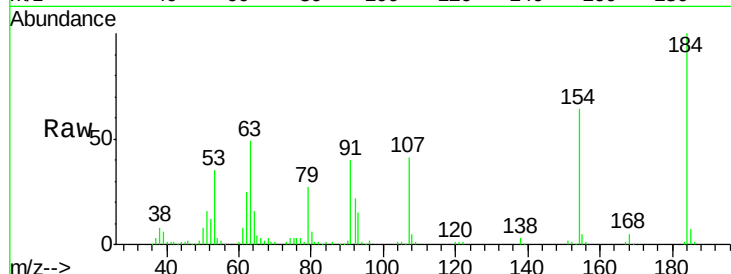
#53
 2,4-Dinitrophenol
 Concen: 58.66 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

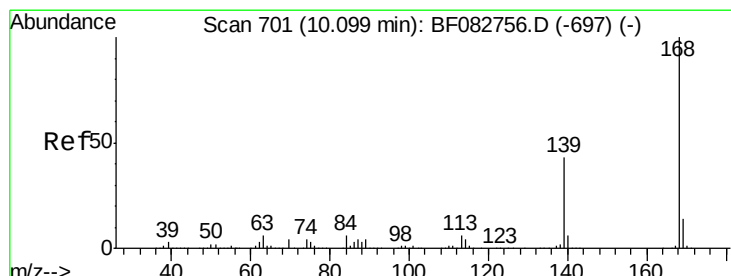
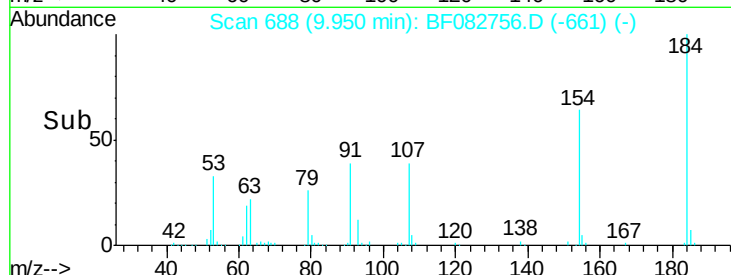
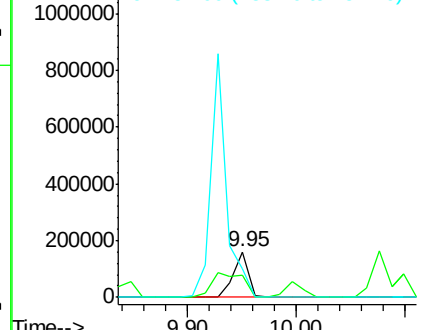
Tot Ion	Ratio	Resp	Lower	Upper
184	100	151764		
63	48.5	98.6	148.0#	
154	64.3	183.9	275.9#	

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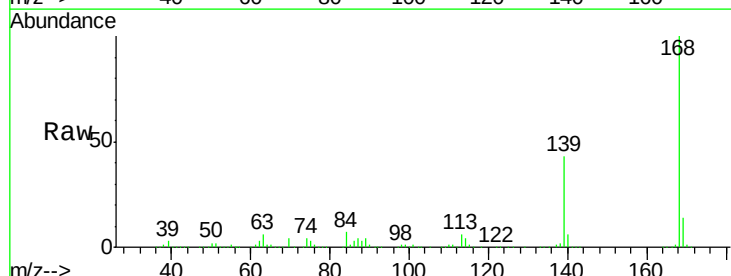


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

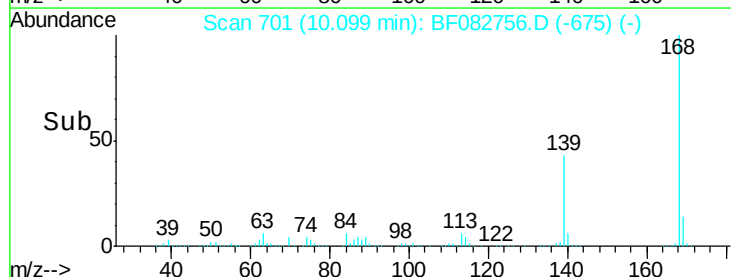
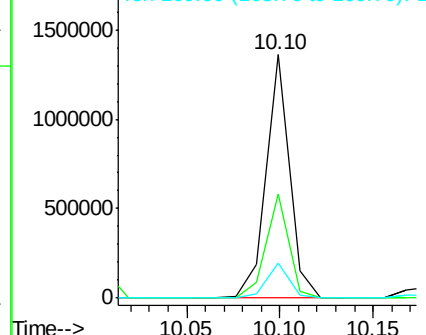


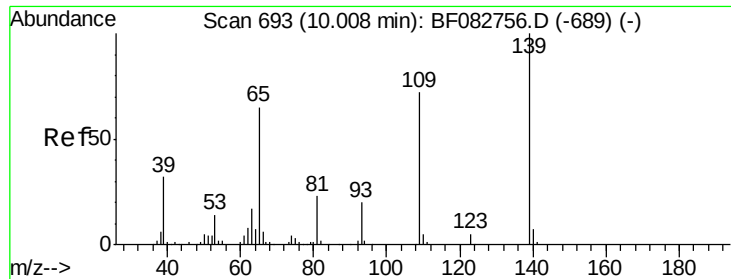
#54
 Dibenzofuran
 Concen: 37.81 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1172464		
139	42.6	37.8	56.6	
169	14.2	11.3	16.9	



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





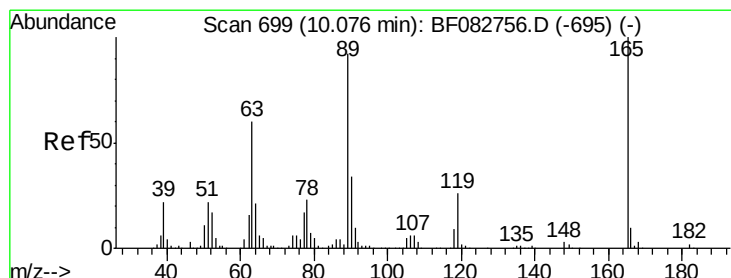
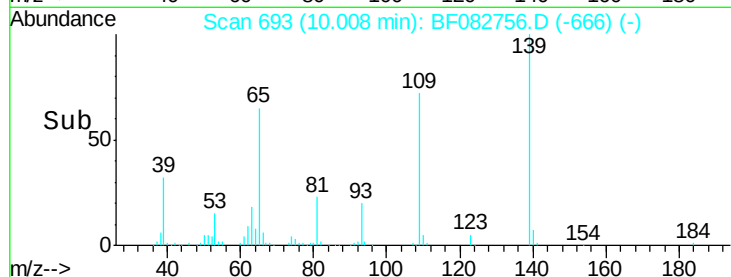
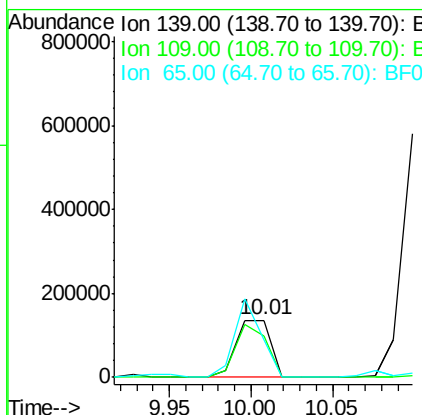
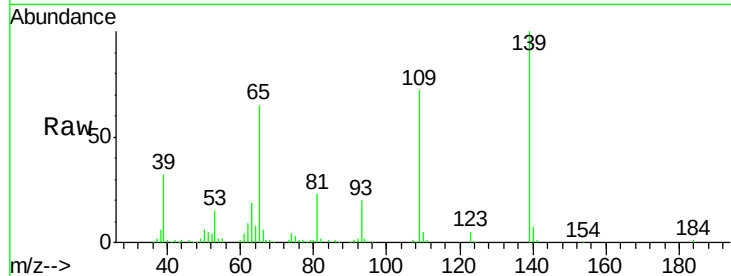
#55
4-Nitrophenol
Concen: 41.27 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	199549		
109	72.1	73.7	113.7#	
65	65.4	82.9	122.9#	

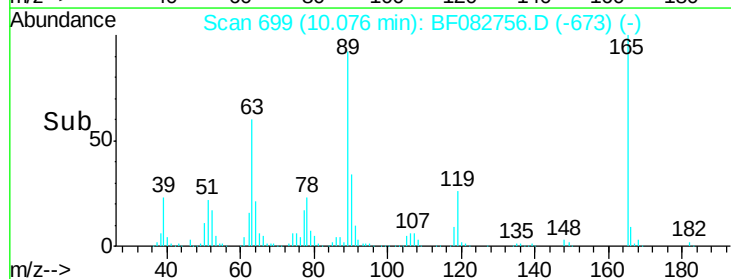
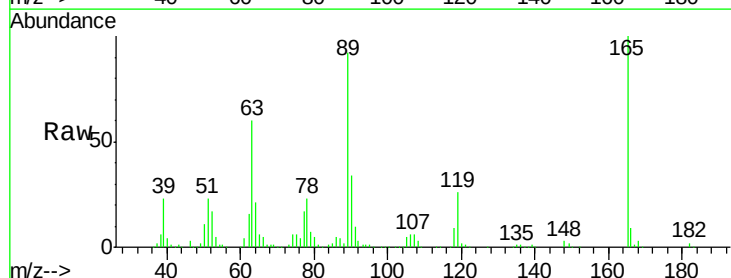
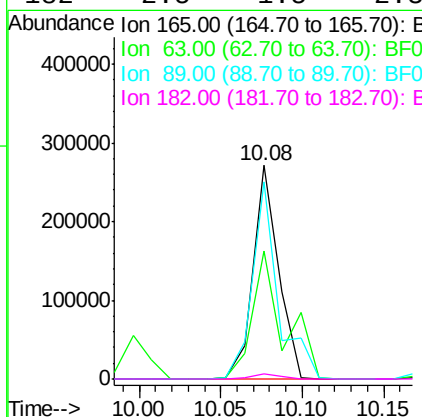
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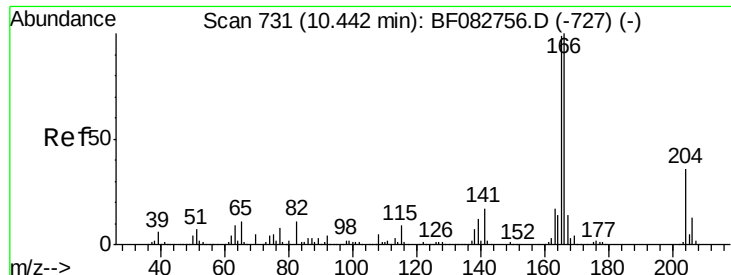
Mmdadoda
11/9/2015 2:10:00 PM



#56
2,4-Dinitrotoluene
Concen: 37.40 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	292128		
63	60.2	43.4	65.0	
89	92.4	70.6	106.0	
182	2.5	1.5	2.3#	





#57

Fluorene

Concen: 38.85 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

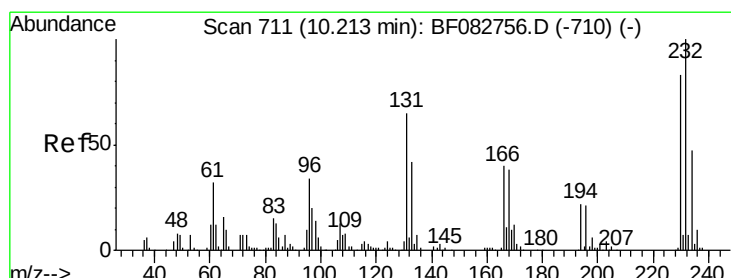
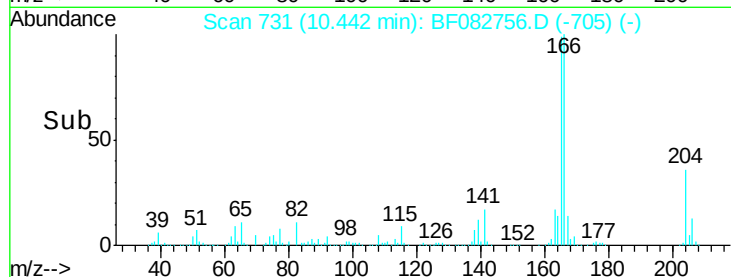
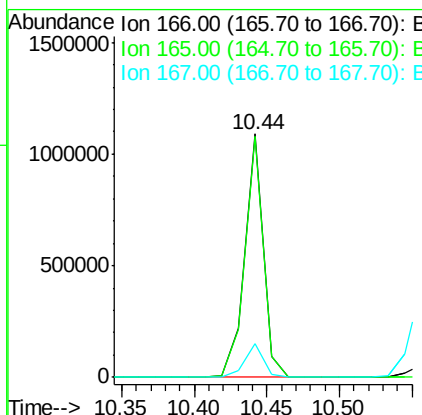
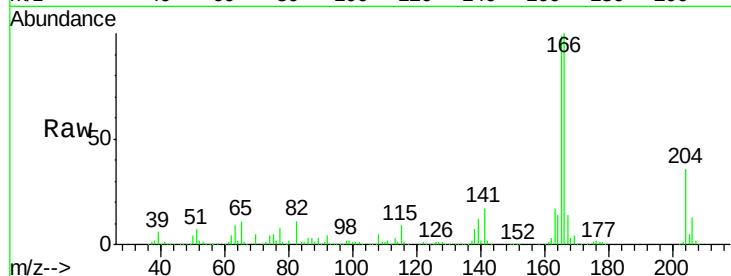
ClientSampleId :

SSTDICCC040

Tot Ion:	166	Resp:	971656
Ion Ratio		Lower	Upper
166	100		
165	99.2	80.2	120.4
167	13.7	11.2	16.8

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11/9/2015 2:10:00 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

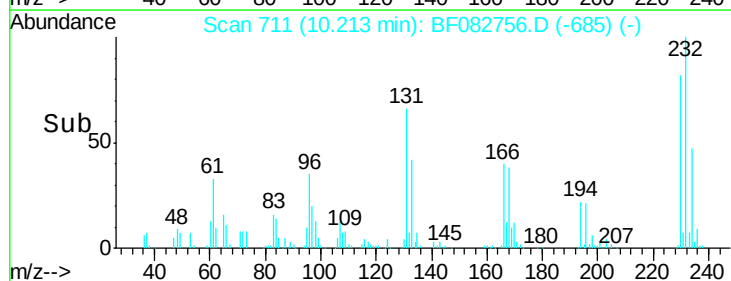
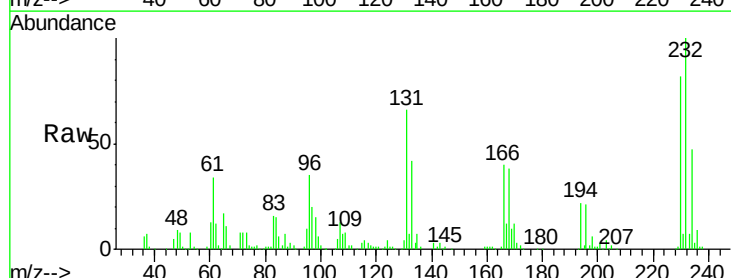
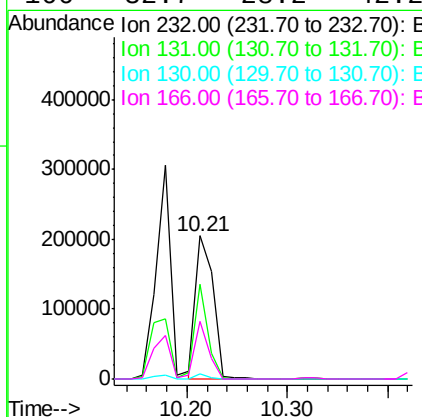
RT: 10.21 min Scan# 711

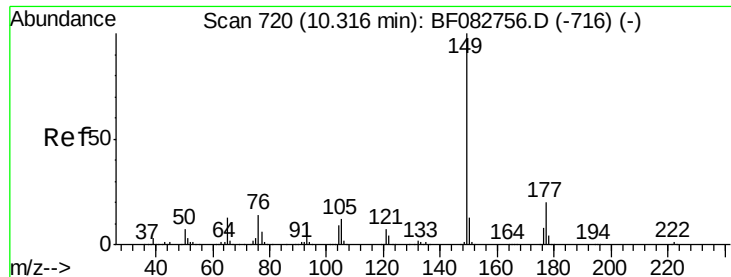
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	232	Resp:	251436
Ion Ratio		Lower	Upper
232	100		
131	49.9	46.2	69.2
130	2.6	2.4	3.6
166	32.7	28.2	42.2





#59

Diethylphthalate

Concen: 37.95 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1076569

Ion Ratio Lower Upper

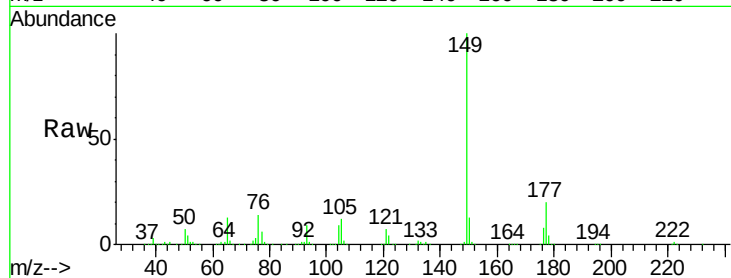
149 100

177 20.4 17.9 26.9

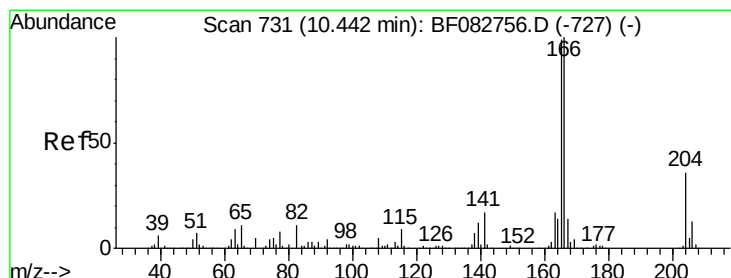
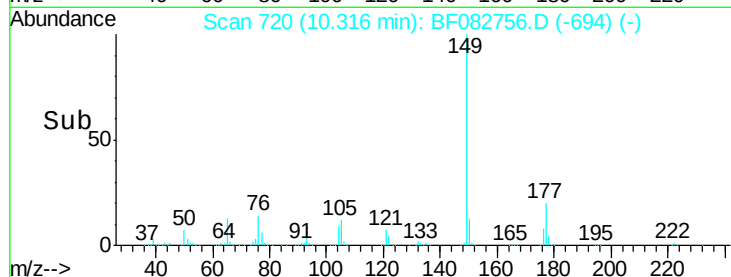
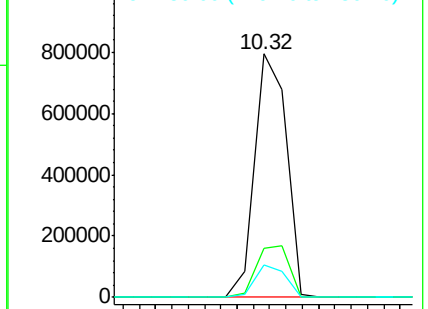
150 13.2 10.1 15.1

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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: 38.94 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

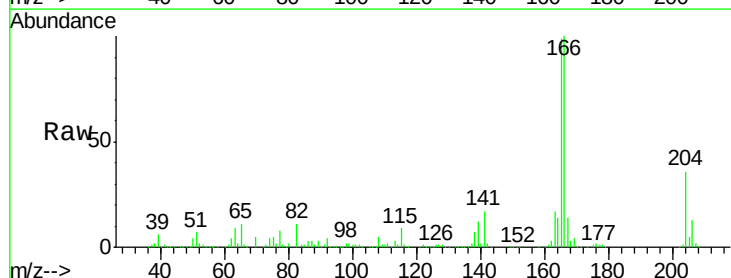
Tgt Ion:204 Resp: 473372

Ion Ratio Lower Upper

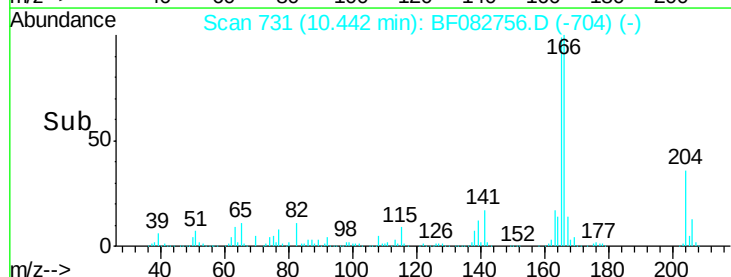
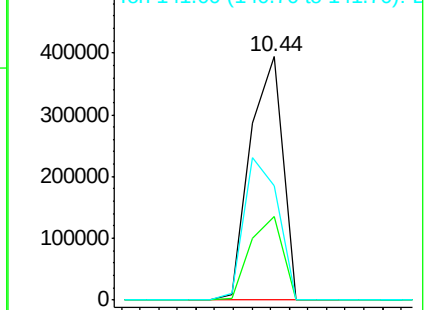
204 100

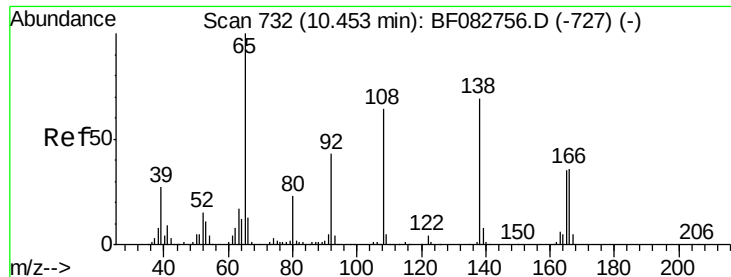
206 34.6 28.5 42.7

141 47.2 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





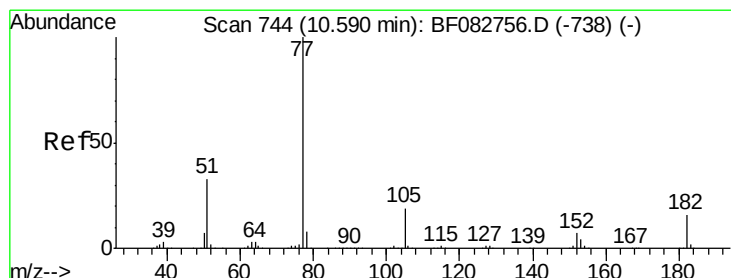
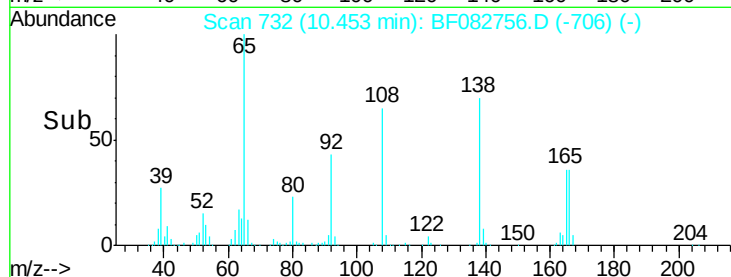
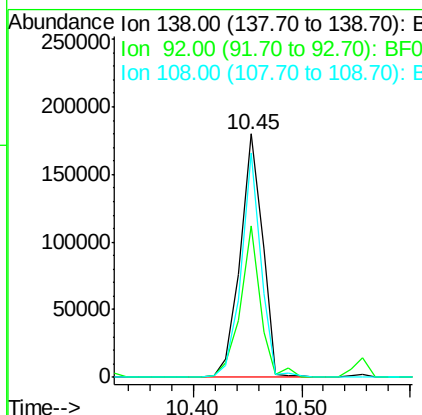
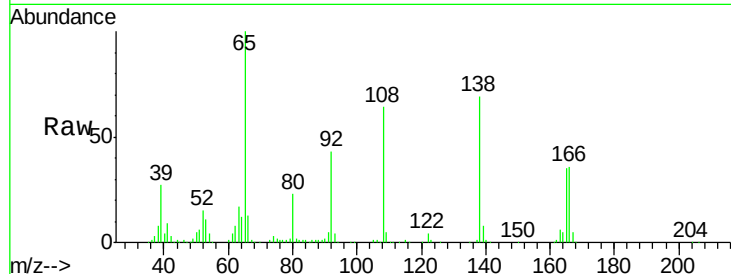
#61
4-Nitroaniline
Concen: 41.41 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.1	45.8	85.8
108	92.4	89.4	129.4

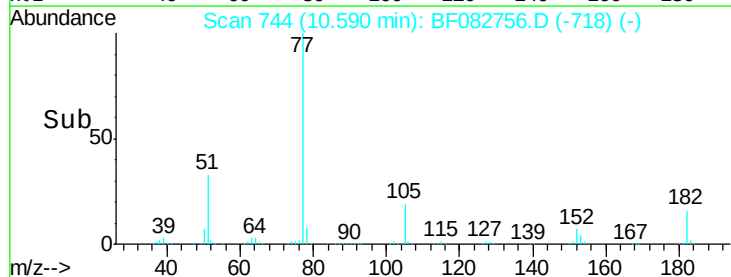
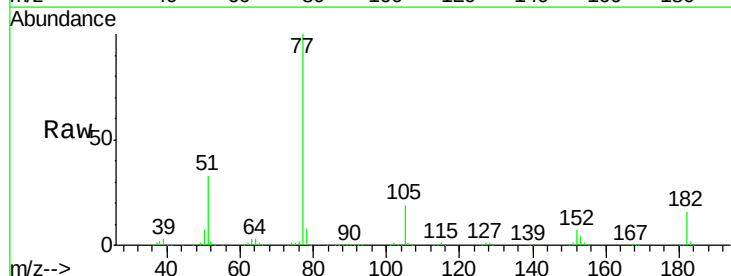
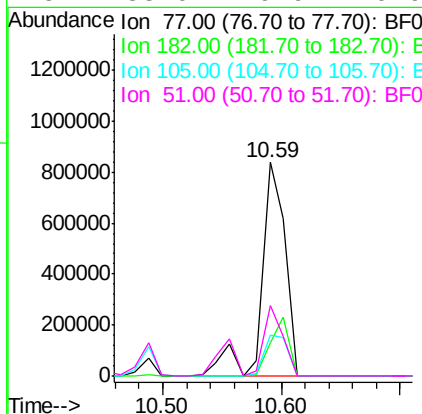
Manual Integrations
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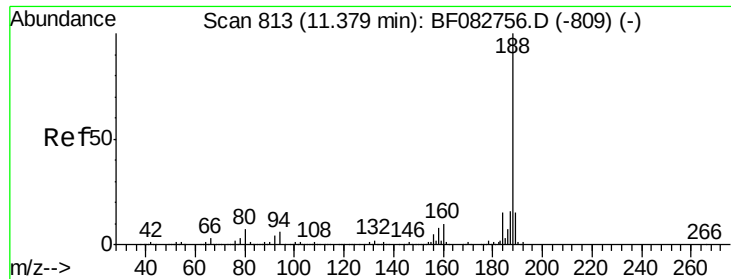
Mmdadoda
11/9/2015 2:10:00 PM



#62
Azobenzene
Concen: 36.43 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.9	9.3	49.3
105	19.4	2.6	42.6
51	33.0	9.9	49.9





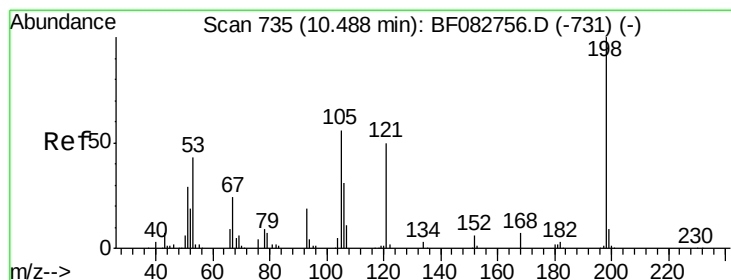
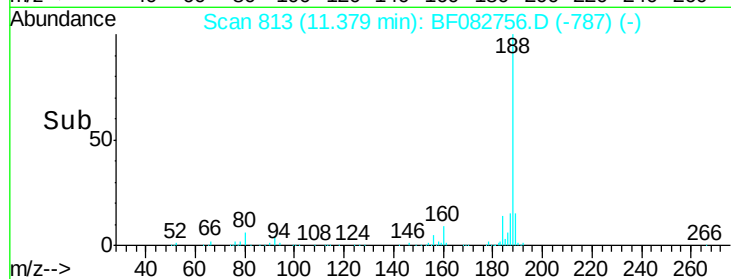
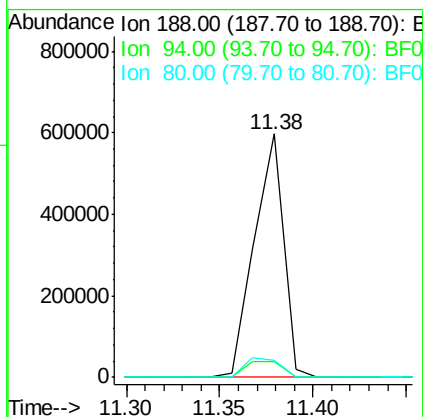
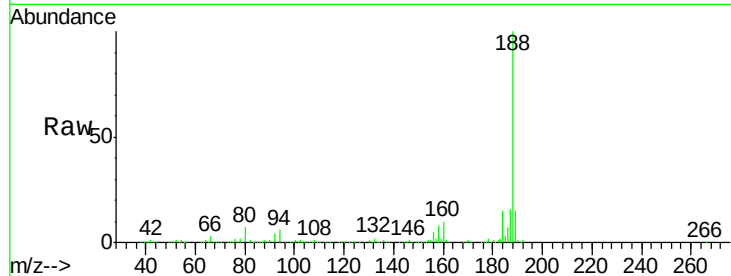
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	645664		
94	6.4		6.1	9.1
80	7.1		7.0	10.6

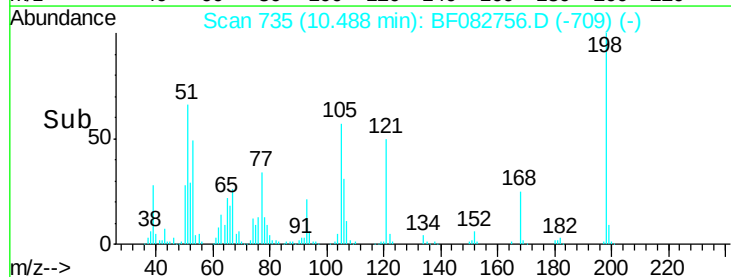
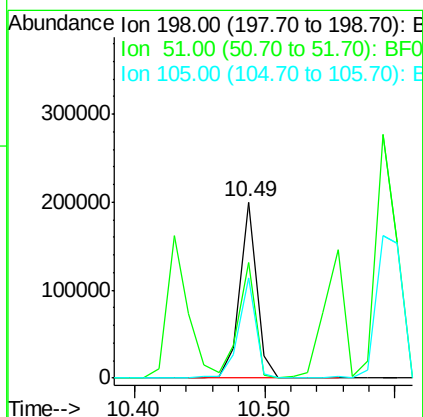
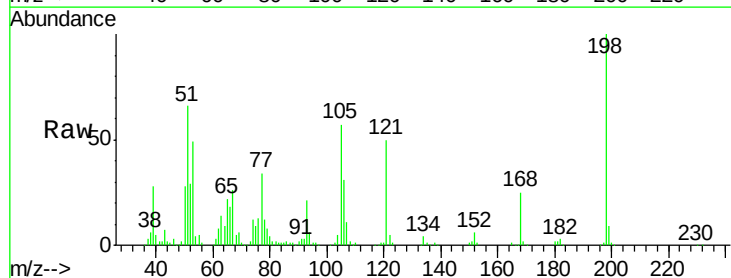
Manual Integrations
APPROVED

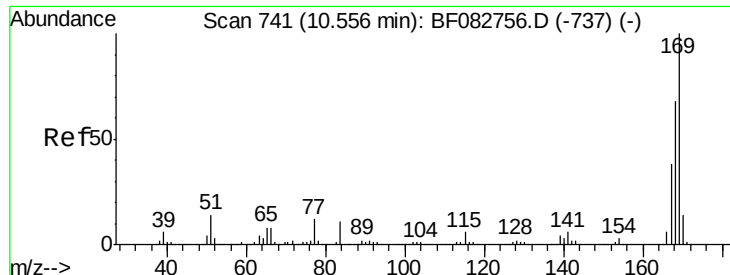
Mmdadoda
11/9/2015 2:10:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.05 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	179333		
51	66.0		17.3	57.3#
105	56.9		21.7	61.7





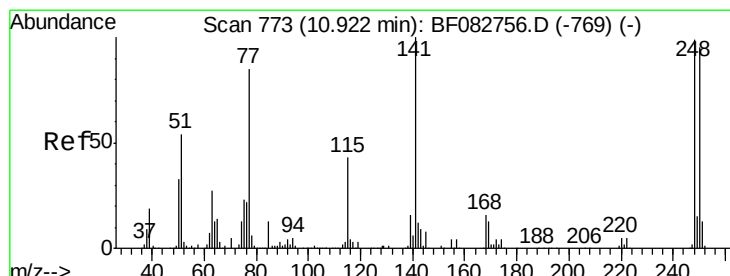
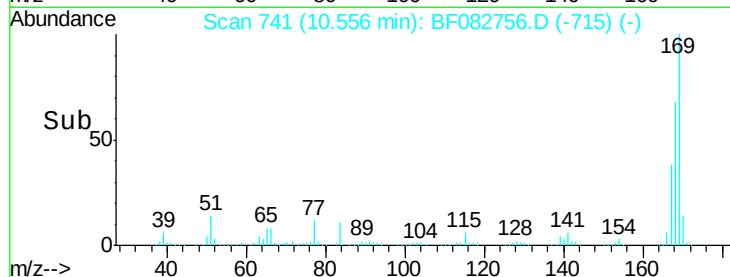
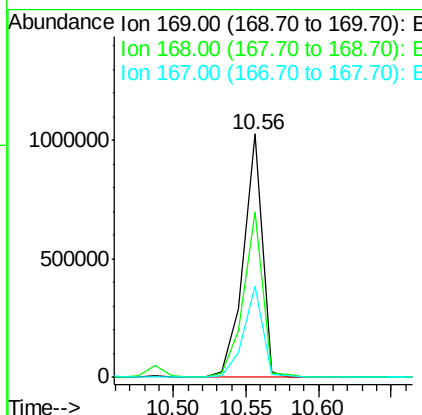
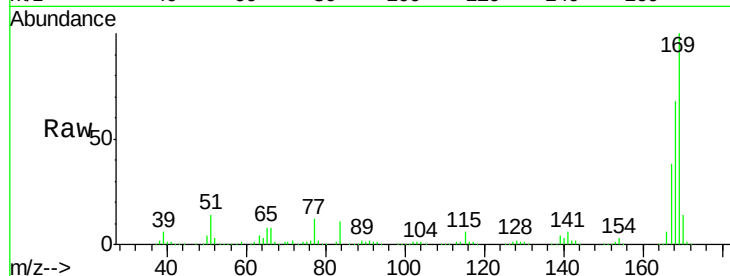
#65
n-Nitrosodiphenylamine
Concen: 42.11 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	934660		
168	68.0	55.0	82.6	
167	37.5	30.5	45.7	

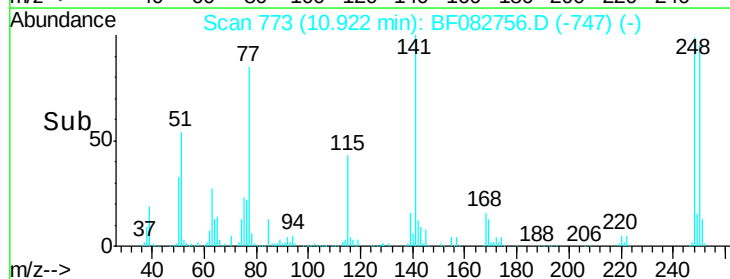
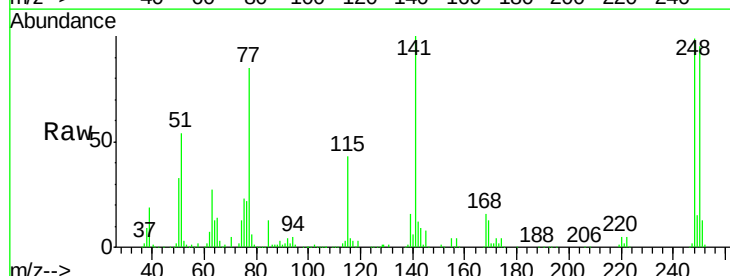
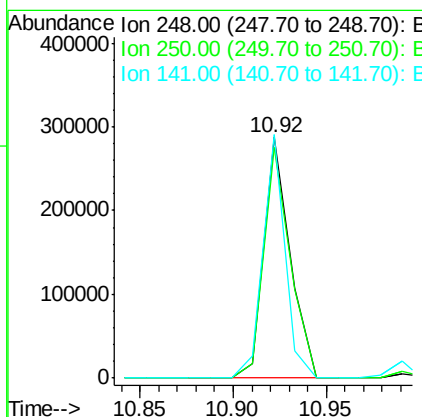
Manual Integrations
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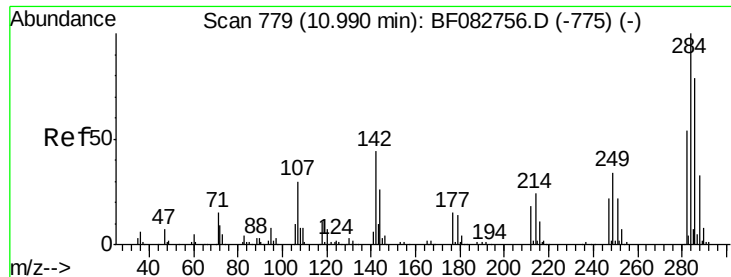
Mmdadoda
11/9/2015 2:10:00 PM



#66
4-Bromophenyl-phenylether
Concen: 38.55 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	282087		
250	95.7	79.4	119.2	
141	101.2	36.3	54.5	





#67

Hexachlorobenzene

Concen: 38.89 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

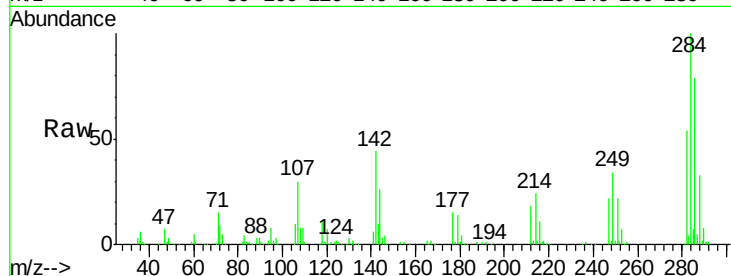
ClientSampleId :

SSTDICCC040

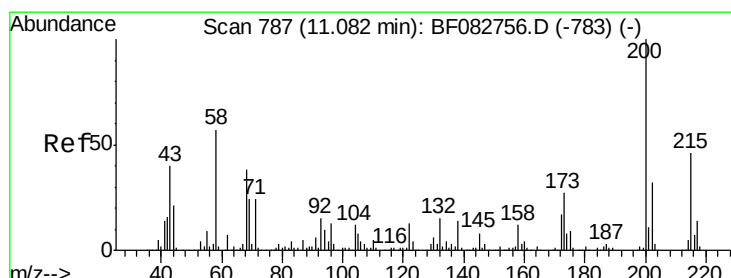
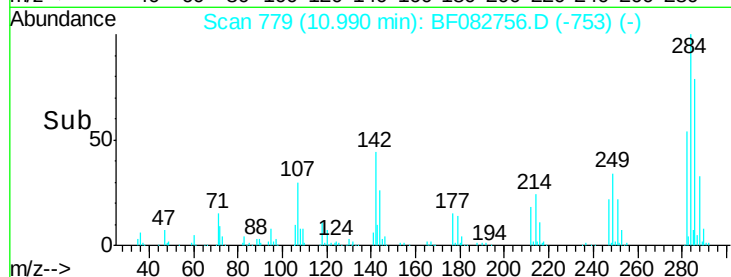
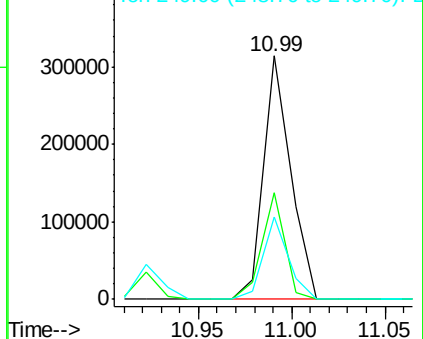
Tot Ion:	284	Resp:	315487
Ion Ratio		Lower	Upper
284	100		
142	44.0	47.9	71.9#
249	33.9	29.7	44.5

Manual Integrations
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11/9/2015 2:10:00 PM



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



#68

Atrazine

Concen: 37.44 ng

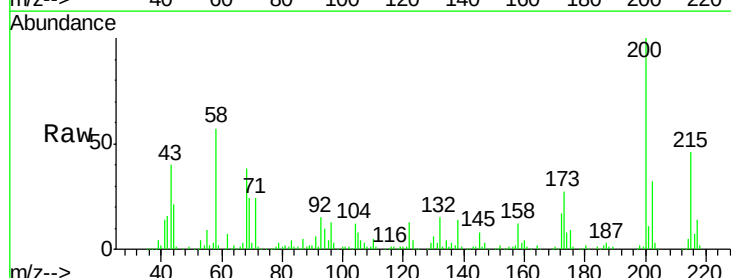
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

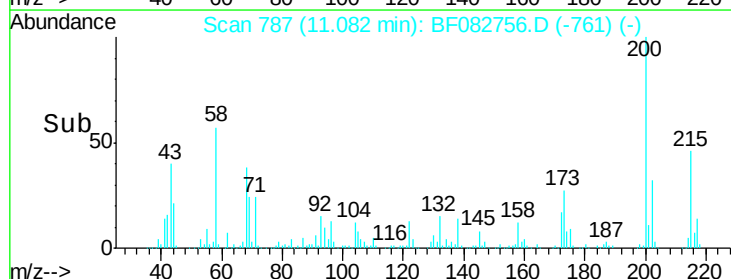
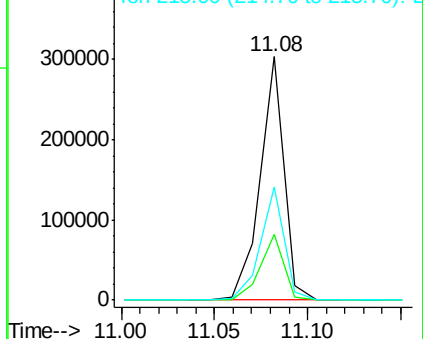
Lab File: BF082756.D

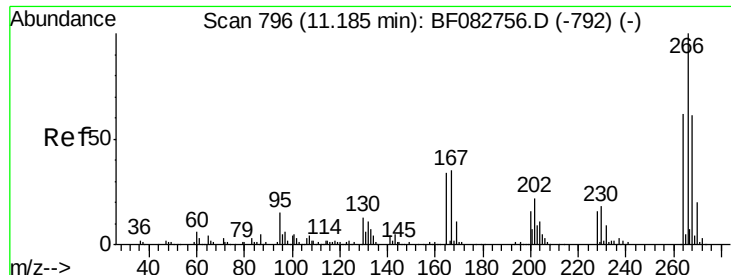
Acq: 6 Nov 2015 12:29

Tgt Ion:	200	Resp:	271872
Ion Ratio		Lower	Upper
200	100		
173	27.1	6.9	46.9
215	46.4	22.9	62.9



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





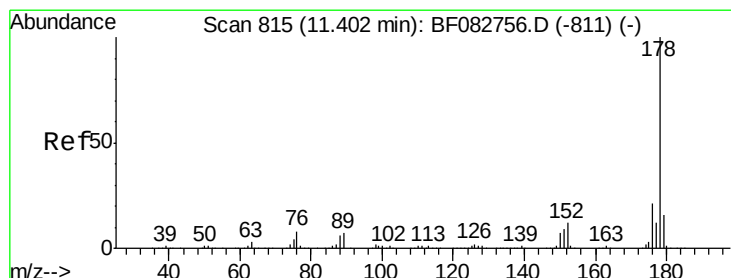
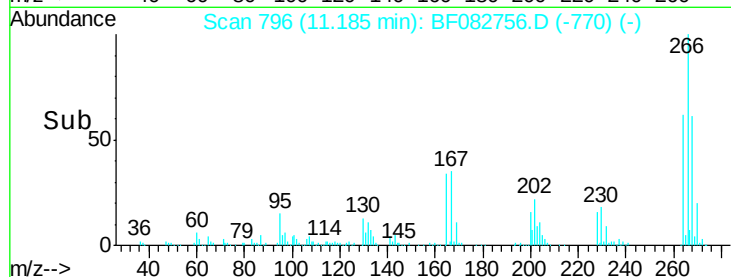
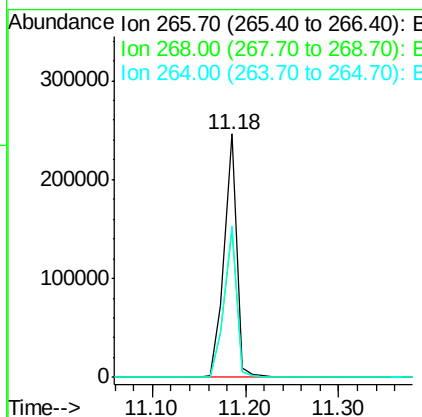
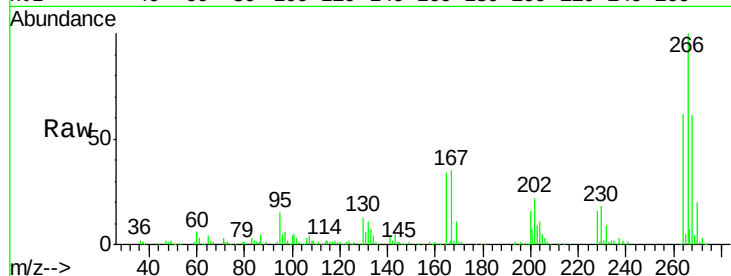
#69
 Pentachlorophenol
 Concen: 43.12 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.0	76.6
264	62.4	50.6	75.8

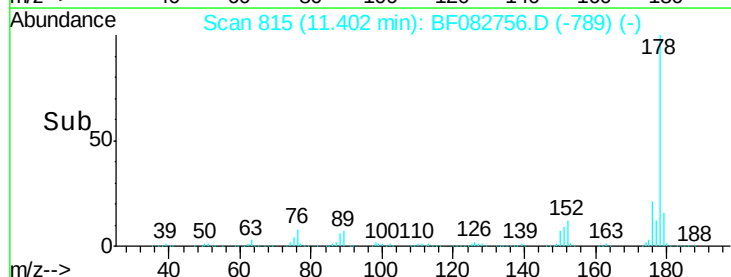
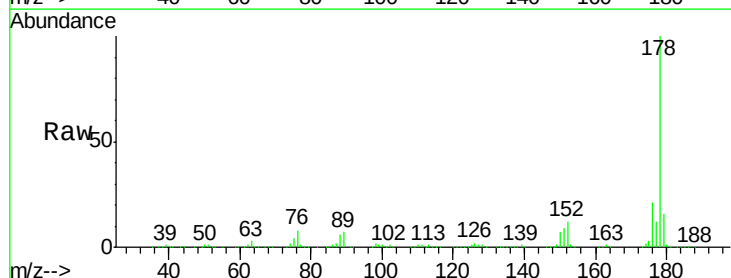
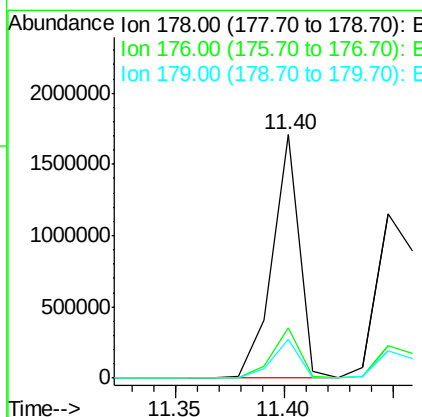
Manual Integrations
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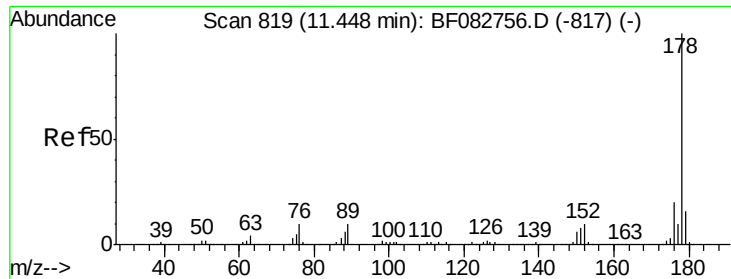
Mmdadoda
 11/9/2015 2:10:00 PM



#70
 Phenanthrene
 Concen: 41.13 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	15.9	13.4	20.0





#71
 Anthracene
 Concen: 39.85 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

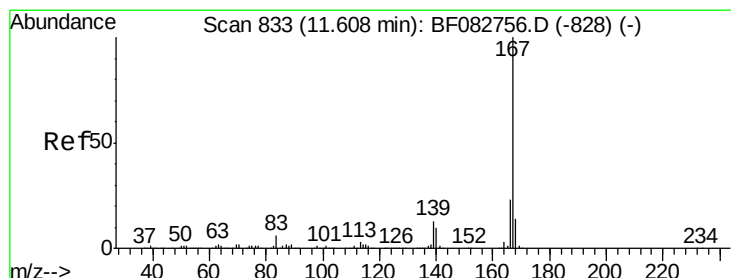
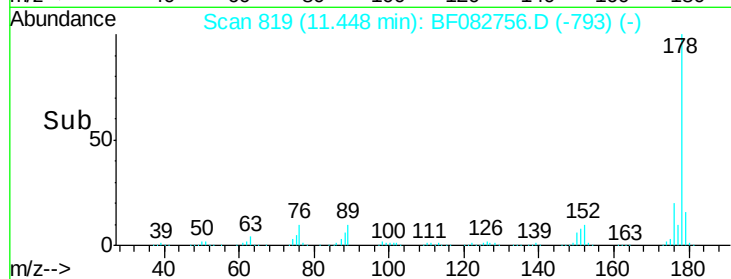
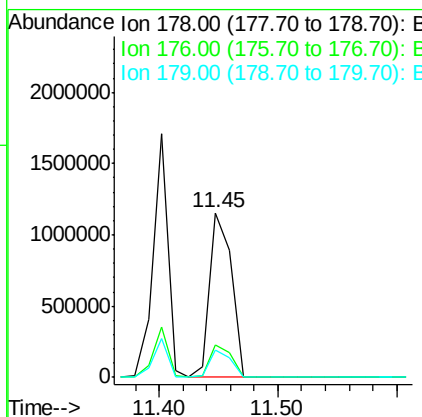
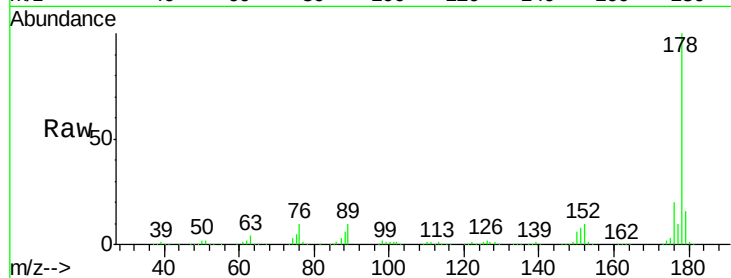
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1460992

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	16.3	13.2	19.8

Manual Integrations
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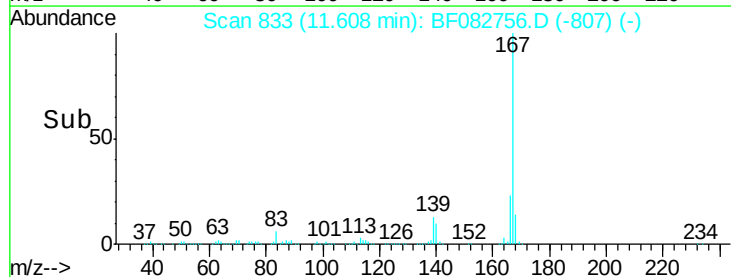
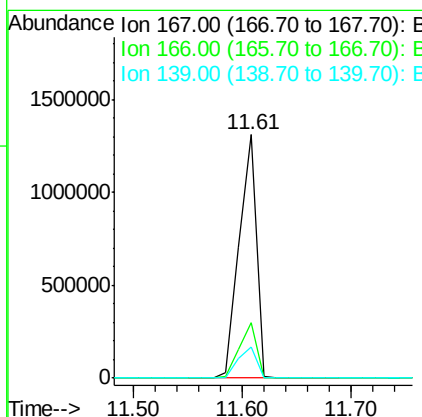
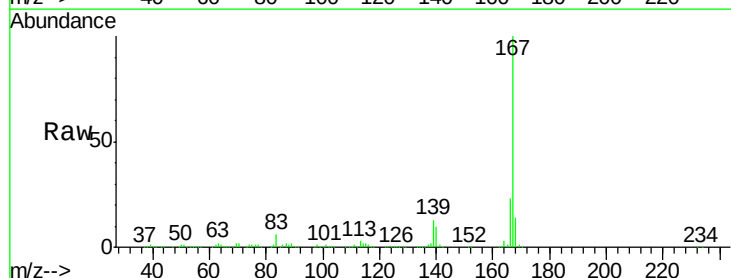
Mmdadoda
 11/9/2015 2:10:00 PM

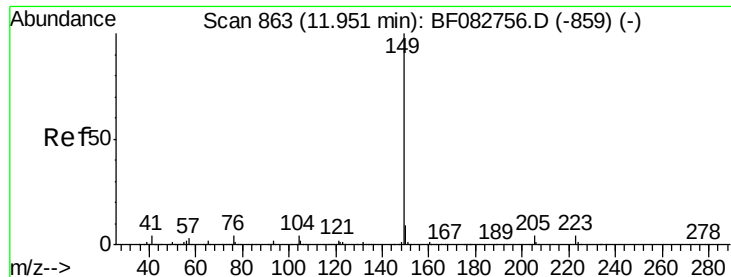


#72
 Carbazole
 Concen: 44.08 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:167 Resp: 1407815

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.7	28.1
139	12.8	11.8	17.6





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1685096

Ion Ratio Lower Upper

149 100

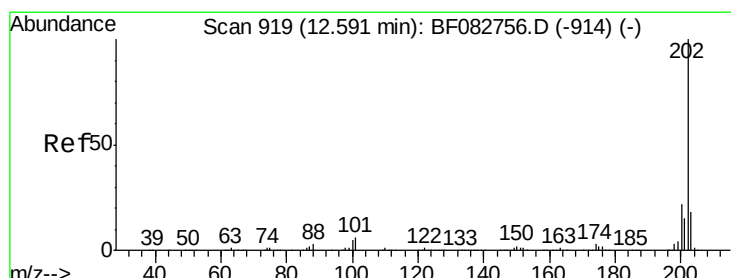
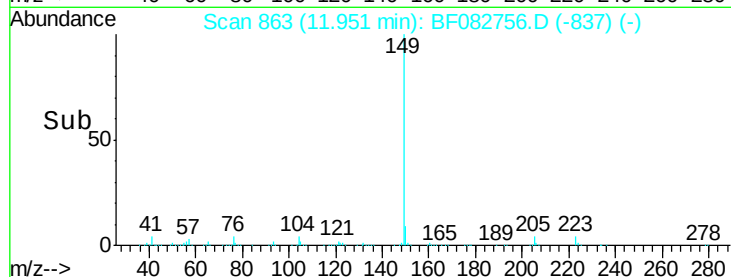
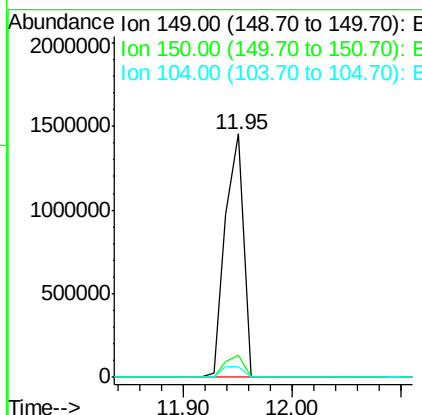
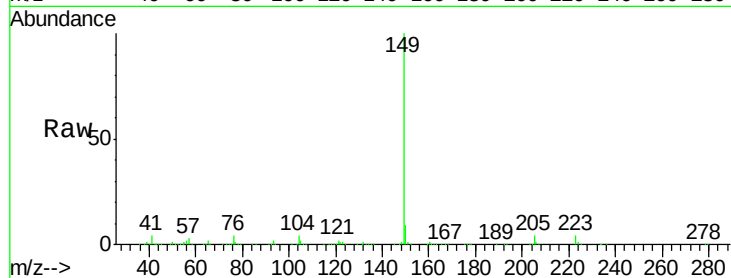
150 9.3 8.1 12.1

104 4.3 5.2 7.8#

Manual Integrations
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#74

Fluoranthene

Concen: 43.75 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

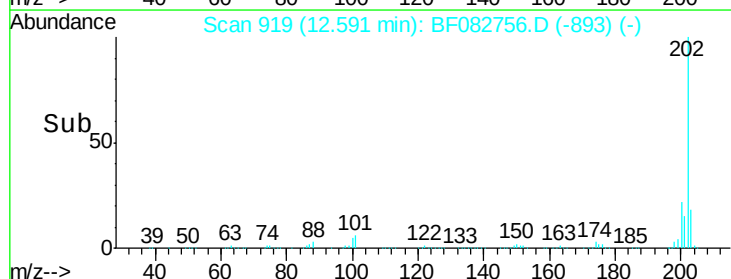
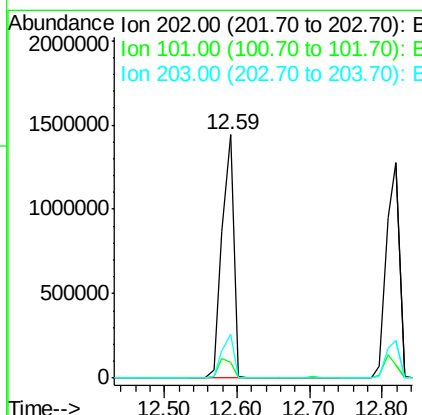
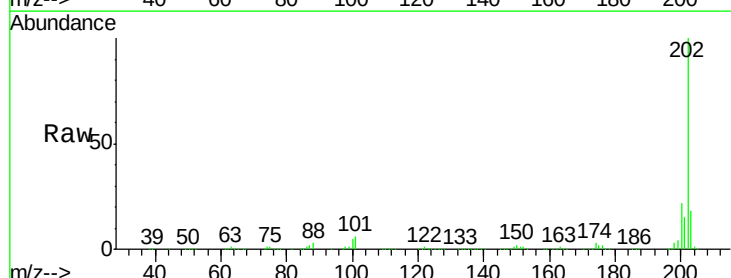
Tgt Ion:202 Resp: 1628604

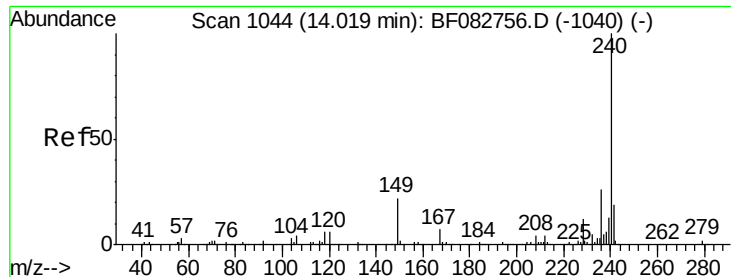
Ion Ratio Lower Upper

202 100

101 6.4 0.0 30.5

203 17.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

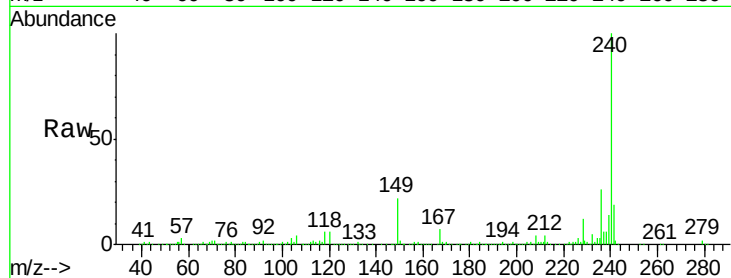
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	597967
Ion Ratio	Lower	Upper	
240	100		
120	5.6	10.9	16.3#
236	26.4	21.6	32.4

Manual Integrations
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11/9/2015 2:10:00 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.02

800000

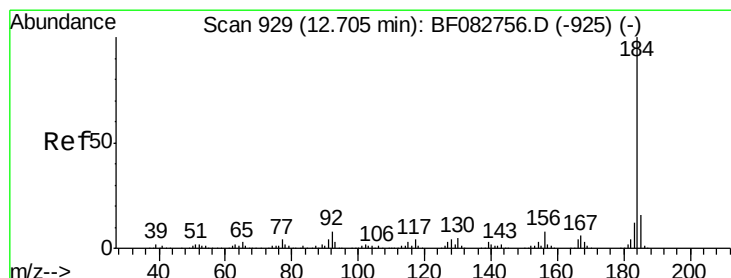
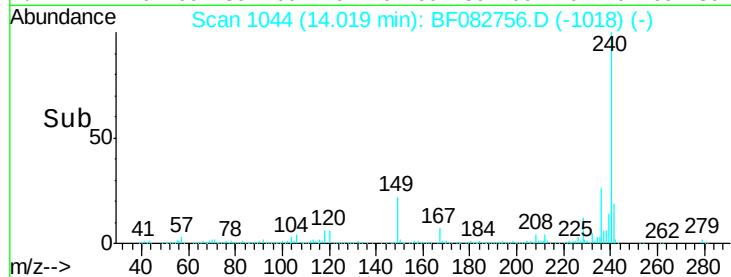
600000

400000

200000

0

Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 31.24 ng

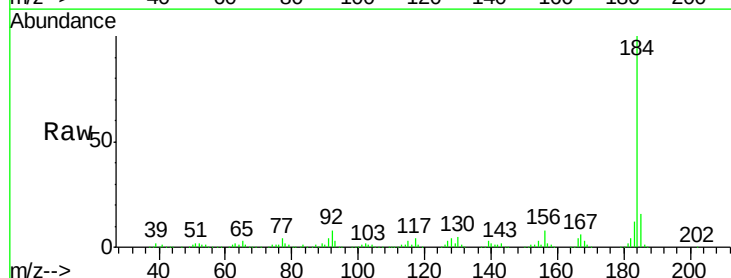
RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:	184	Resp:	842413
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.0	18.0
183	11.8	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

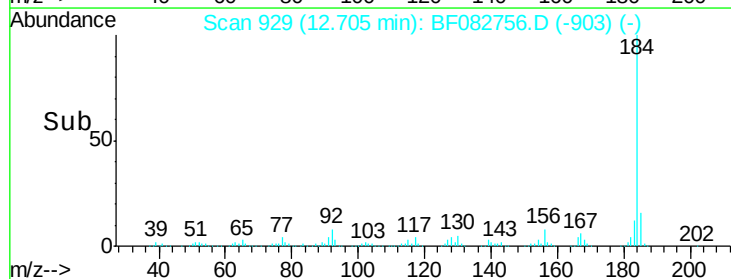
12.70

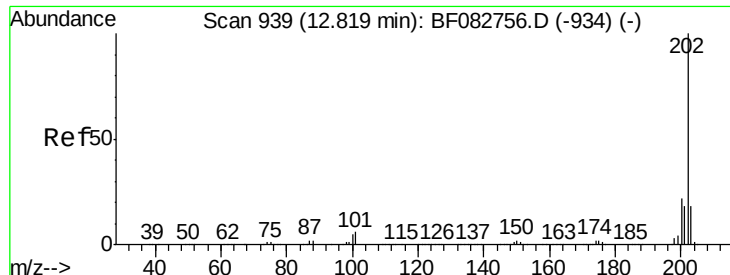
1000000

500000

0

Time--> 12.60 12.80 13.00





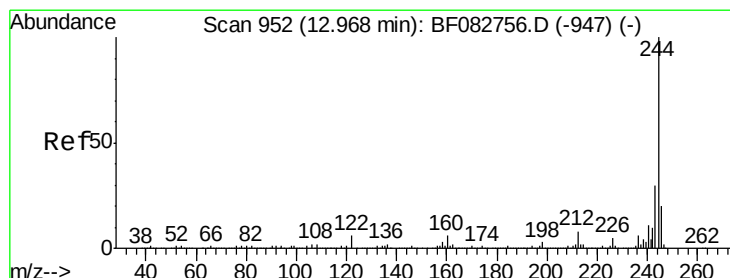
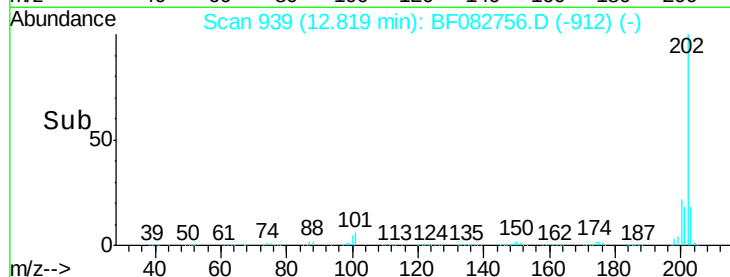
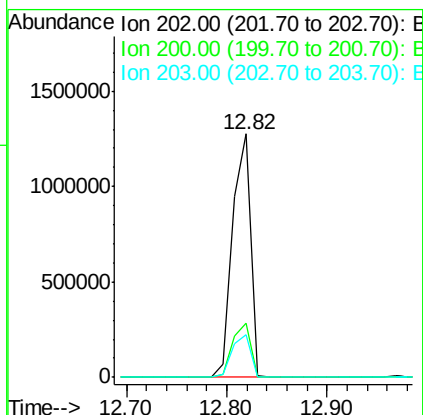
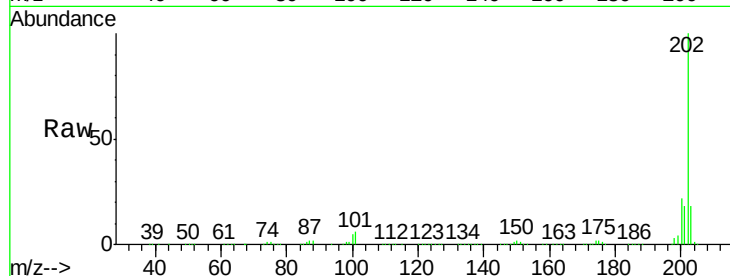
#77
Pvrene
Concen: 35.77 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	17.5	14.8	22.2

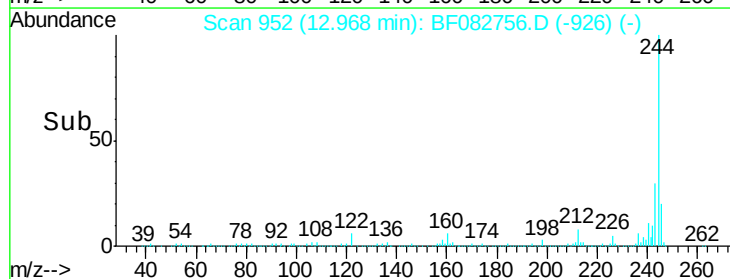
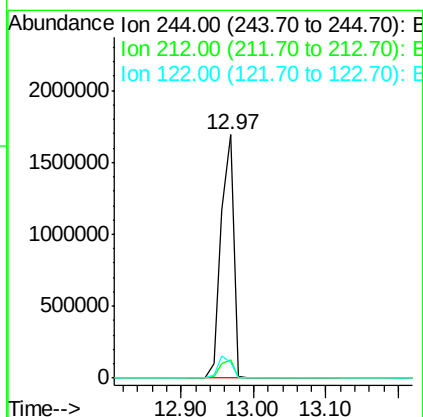
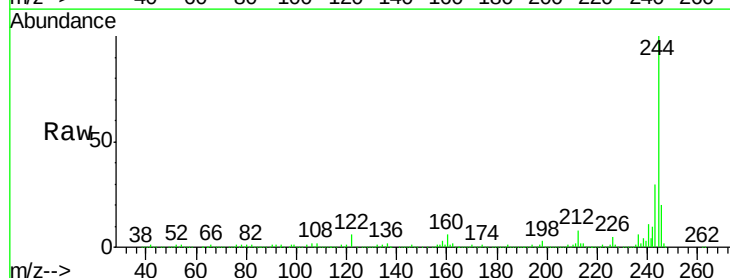
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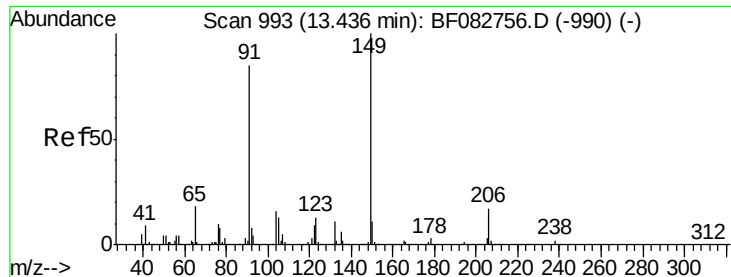
Mmdadoda
11/9/2015 2:10:00 PM



#78
Terphenyl-d14
Concen: 74.68 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.6	11.4
122	6.5	11.3	16.9#





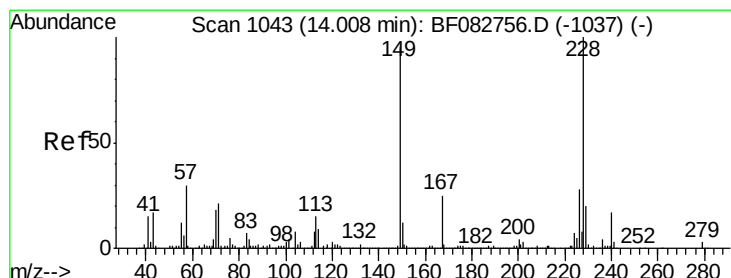
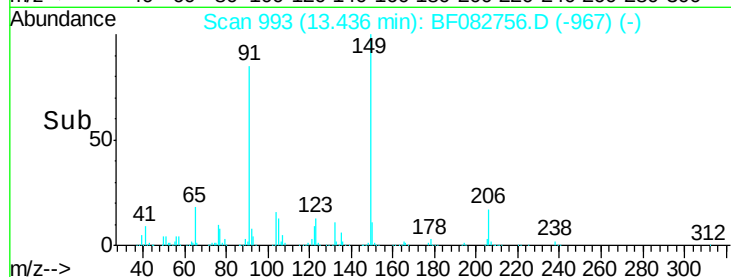
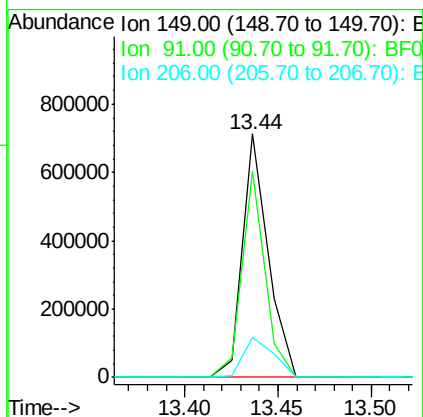
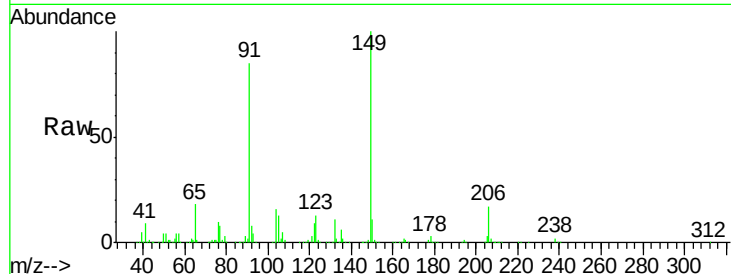
#79
Butylbenzylphthalate
Concen: 35.16 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	681896		
91	84.7	67.7	101.5	
206	16.7	14.6	22.0	

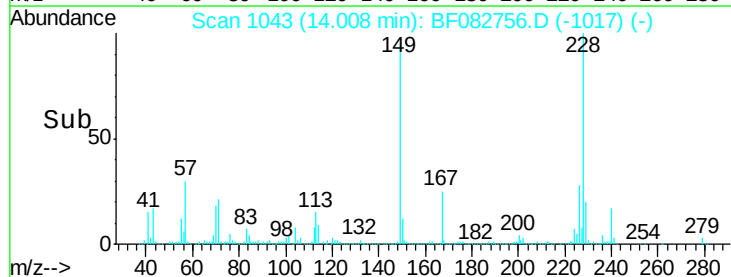
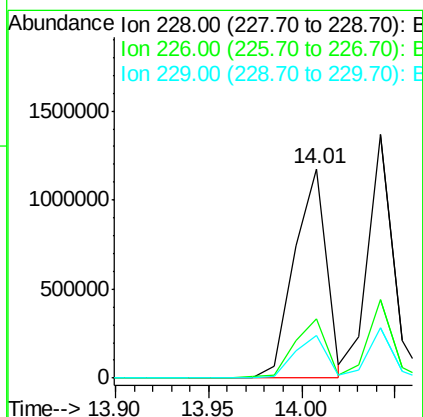
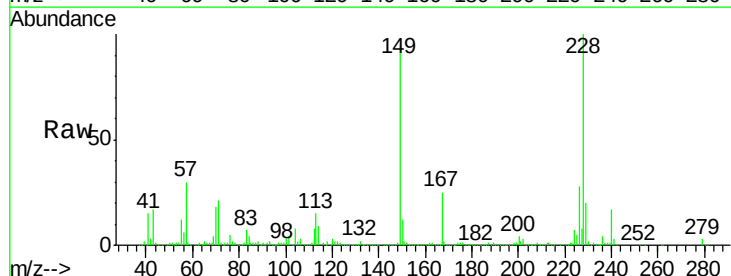
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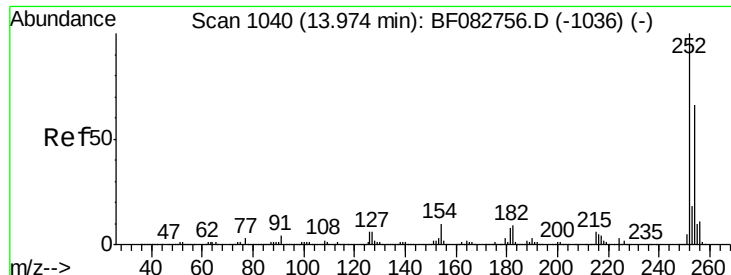
Mmdadoda
11/9/2015 2:10:00 PM



#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1412696		
226	28.4	23.4	35.2	
229	20.3	16.3	24.5	





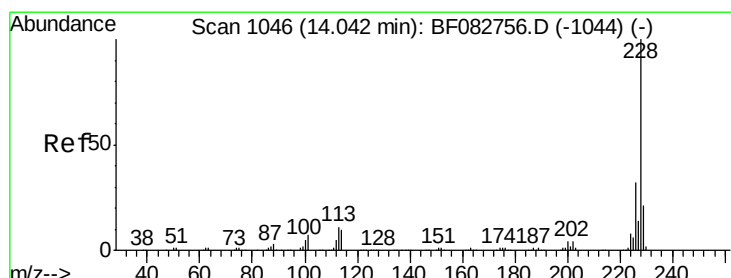
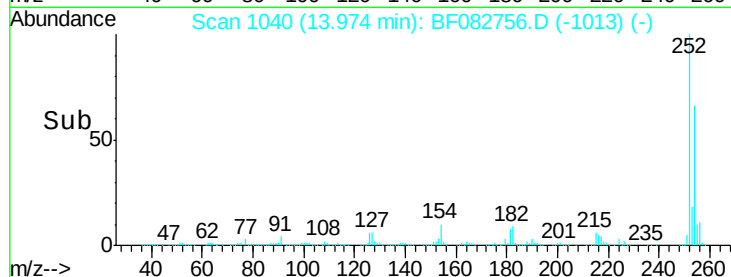
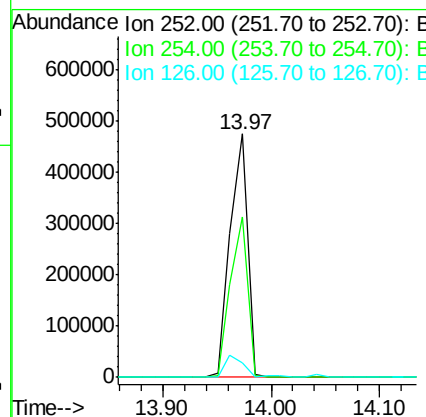
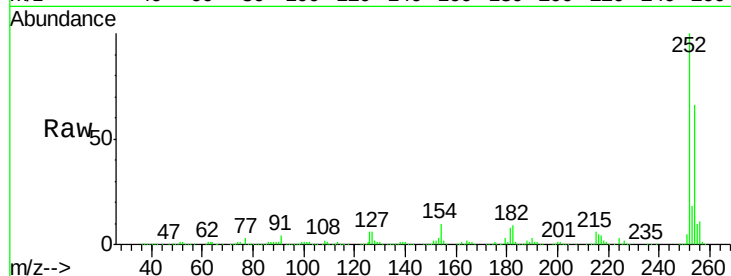
#81
 3,3'-Dichlorobenzidine
 Concen: 40.52 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	51.4	77.0
126	5.8	10.7	16.1#

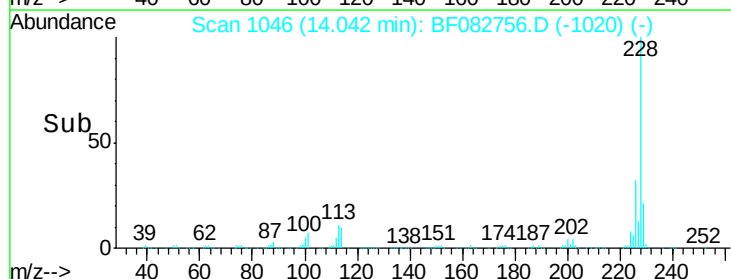
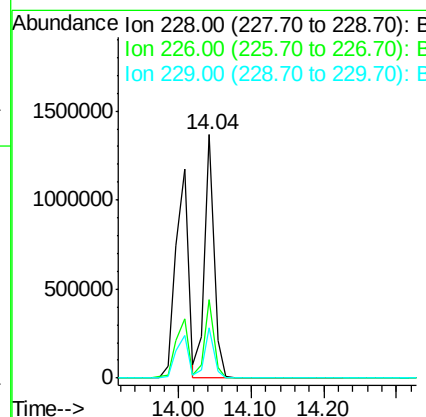
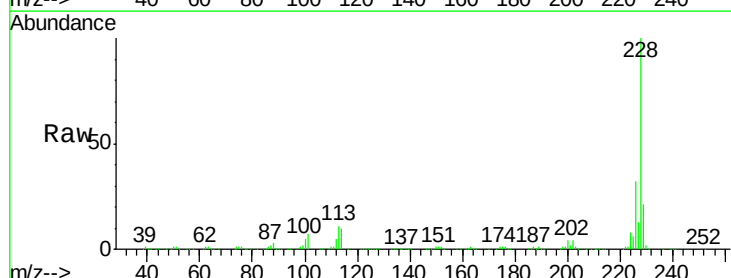
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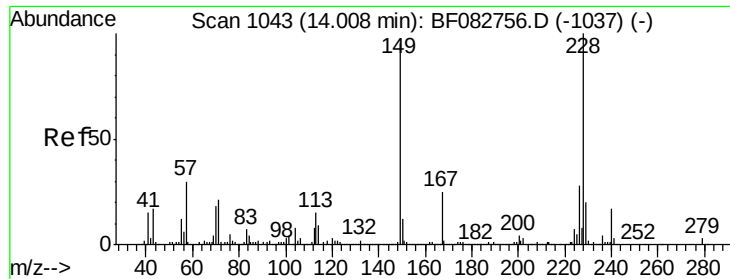
Mmdadoda
 11/9/2015 2:10:00 PM



#82
 Chrysene
 Concen: 36.60 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	25.5	38.3
229	20.8	16.3	24.5





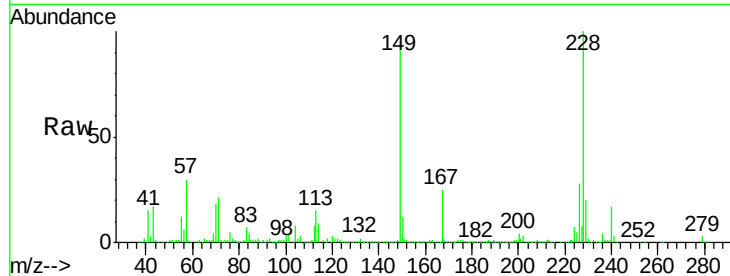
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.50 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

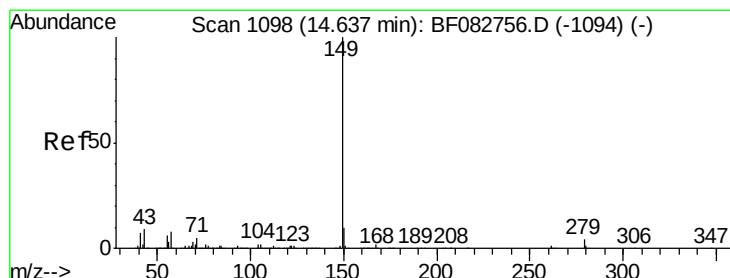
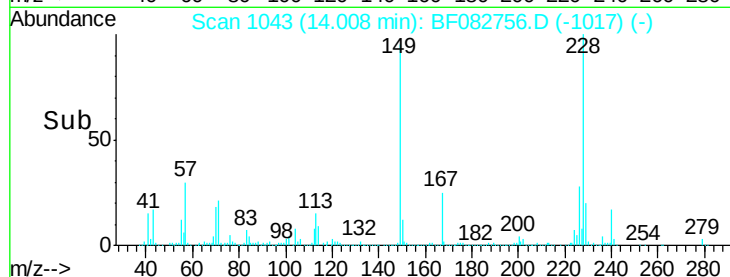
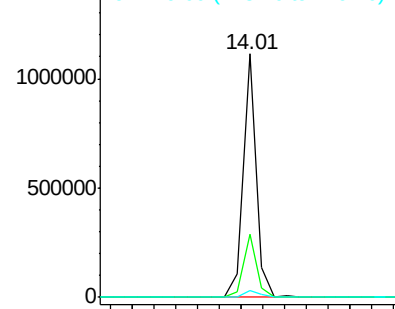
Tot Ion:	149	Resp:	942800
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.2	31.8
279	2.8	2.2	3.2

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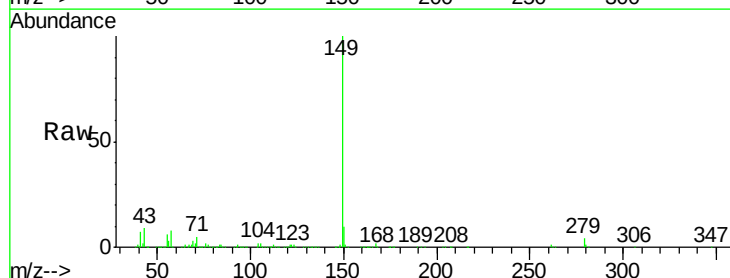


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

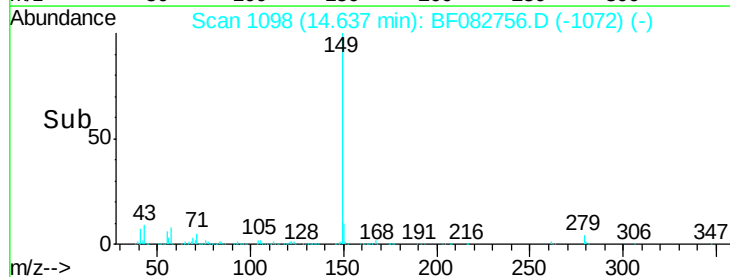
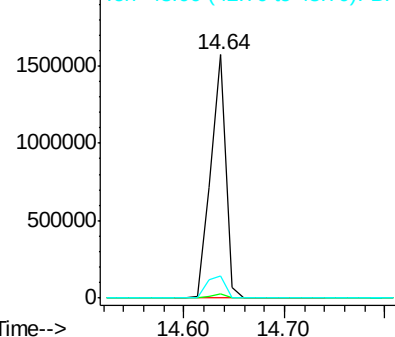


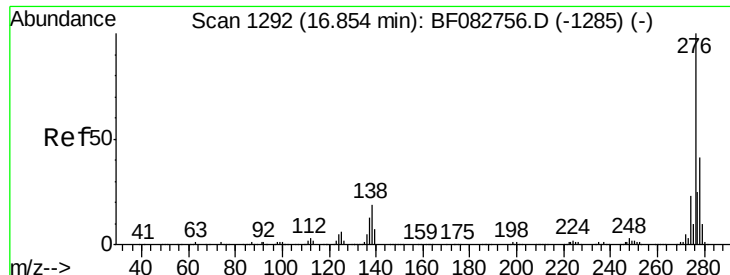
#84
 Di-n-octyl phthalate
 Concen: 41.69 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:	149	Resp:	1634826
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.2	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 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: 39.36 ng

RT: 16.85 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 1118195

Ion Ratio Lower Upper

276 100

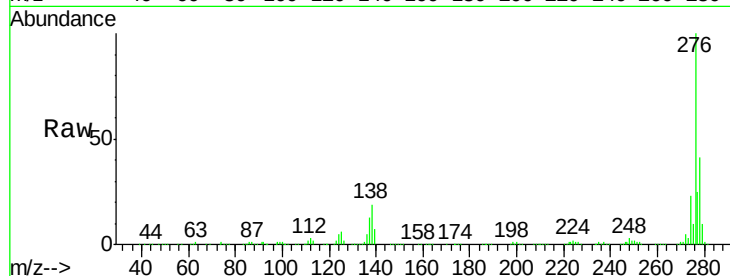
138 19.6 15.3 22.9

277 25.0 20.2 30.4

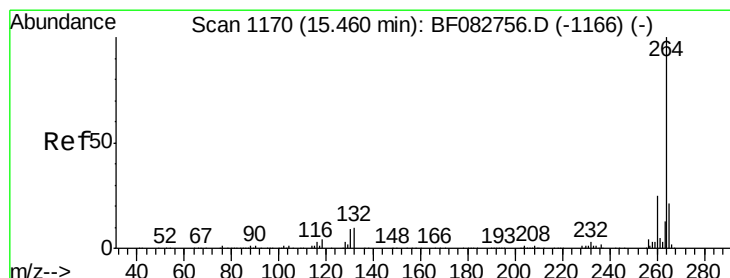
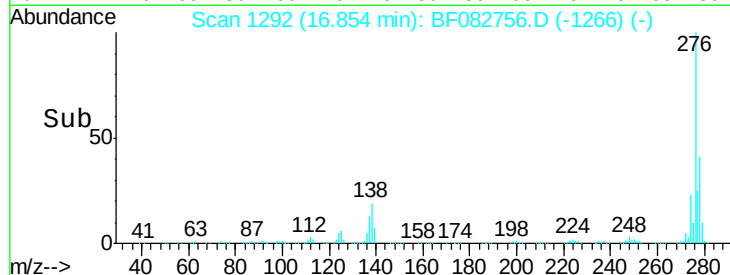
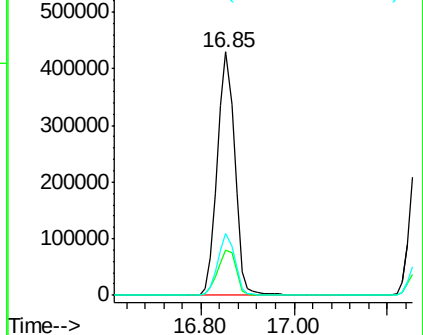
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

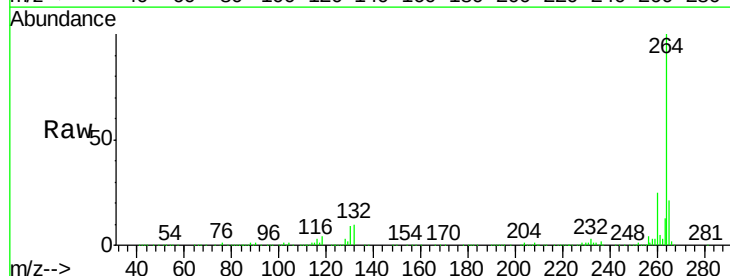
Tgt Ion:264 Resp: 506773

Ion Ratio Lower Upper

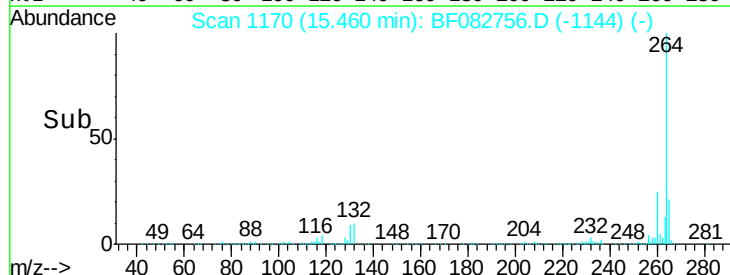
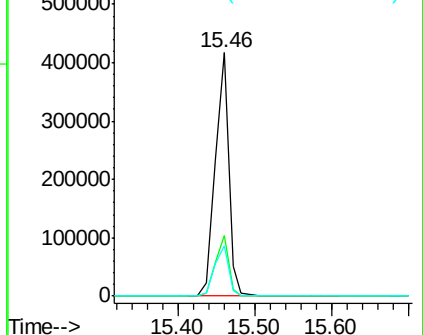
264 100

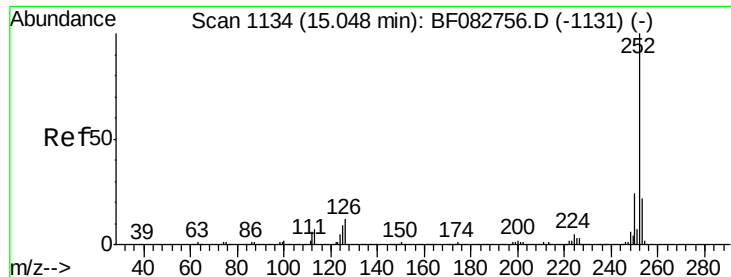
260 24.9 19.8 29.6

265 20.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.62 ng m

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 1174986

Ion Ratio Lower Upper

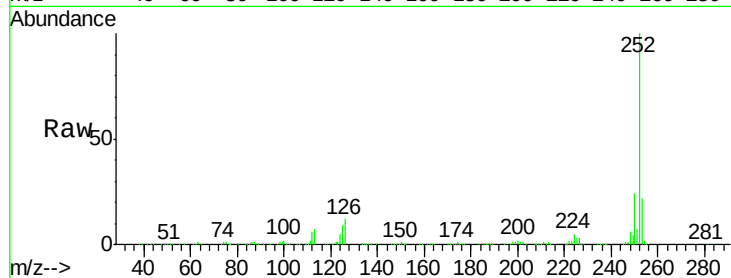
252 100

253 22.1 17.8 26.8

125 9.0 5.4 8.2#

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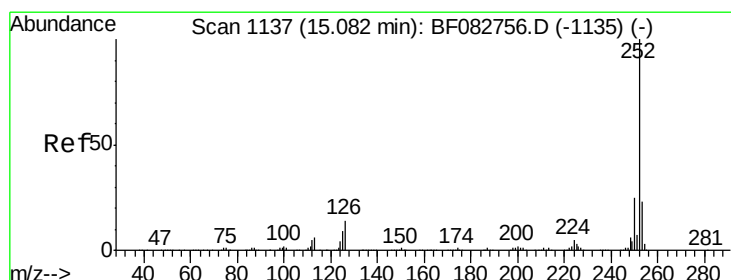
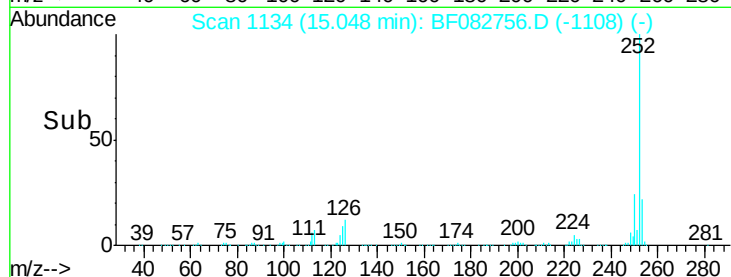
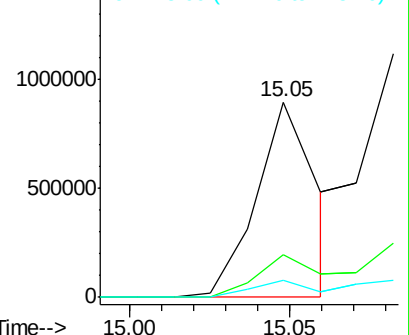
Mmdadoda
11/9/2015 2:10:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.44 ng m

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:252 Resp: 1209660

Ion Ratio Lower Upper

252 100

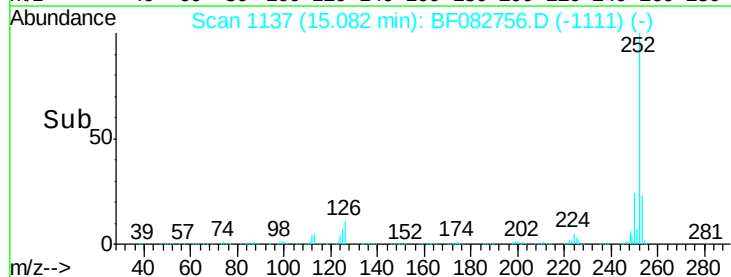
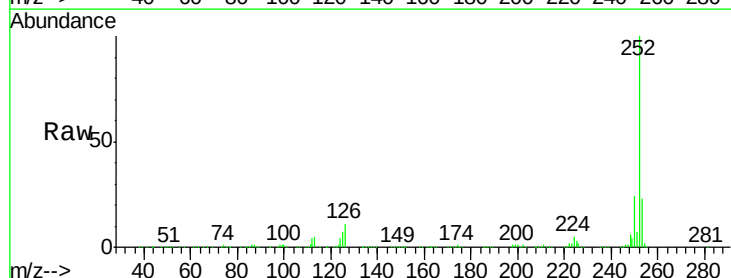
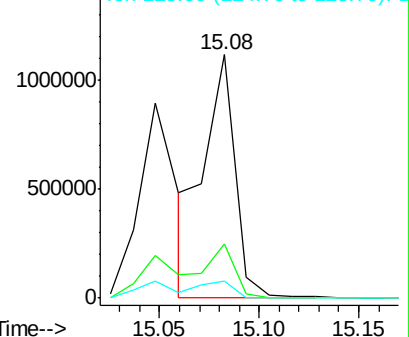
253 22.5 17.9 26.9

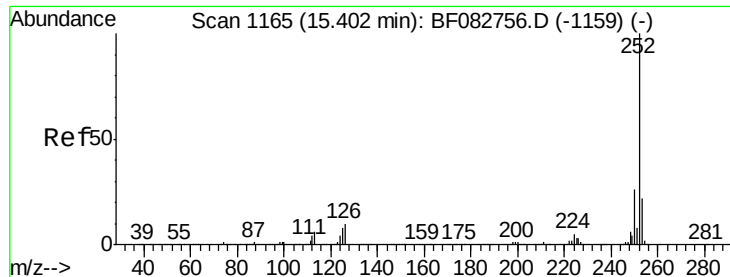
125 7.2 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





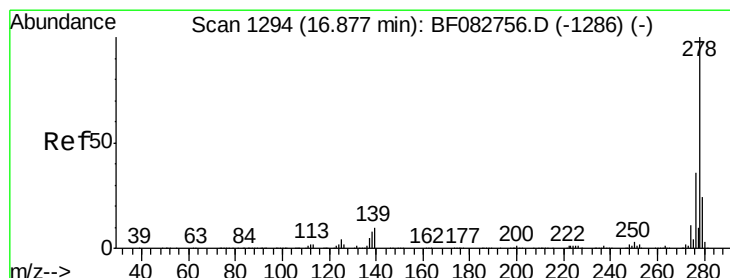
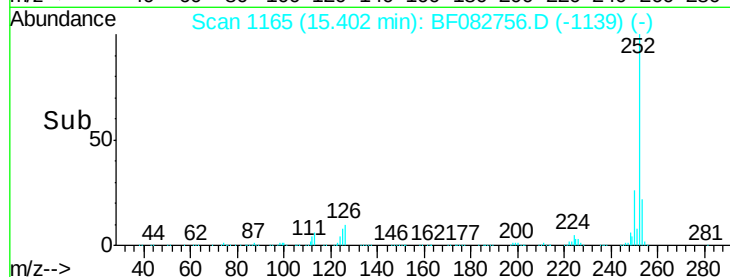
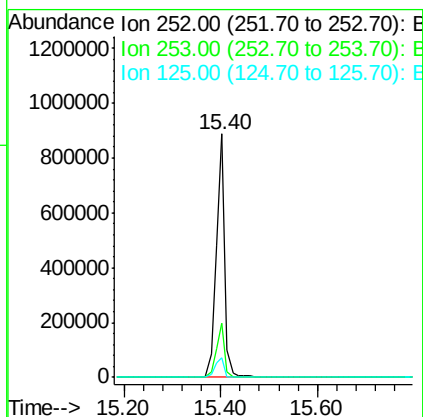
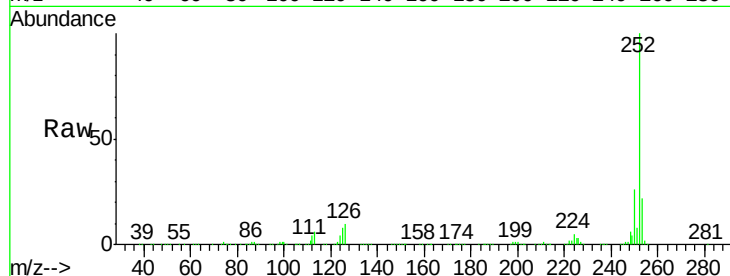
#89
Benzo(a)pyrene
Concen: 40.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	7.8	7.1	10.7

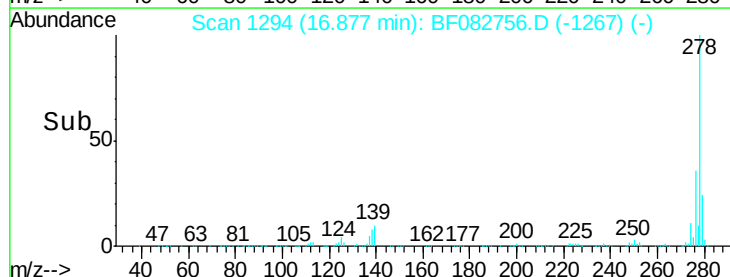
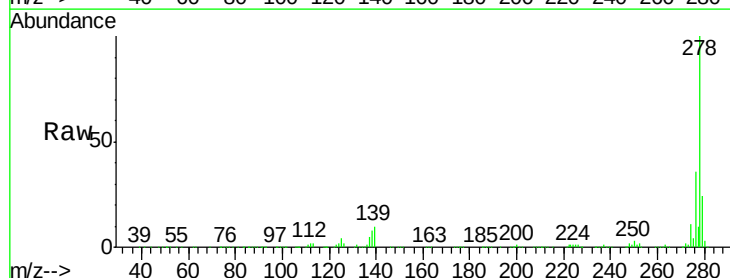
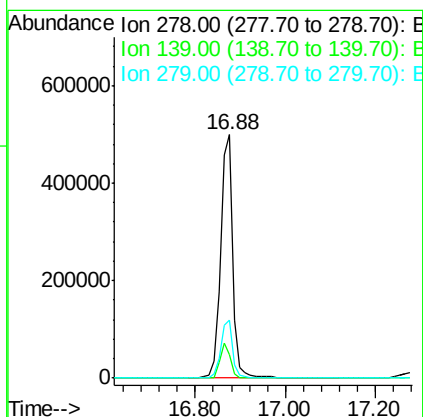
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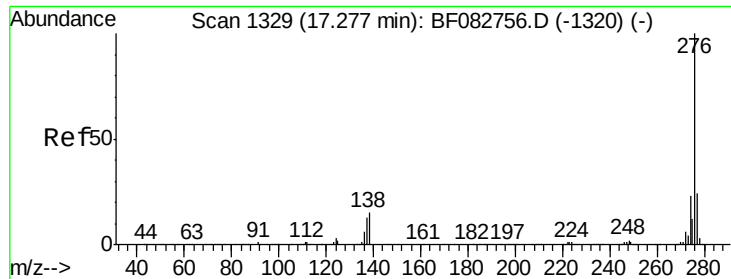
Mmdadoda
11/9/2015 2:10:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.47 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.9	14.9#
279	23.7	19.6	29.4





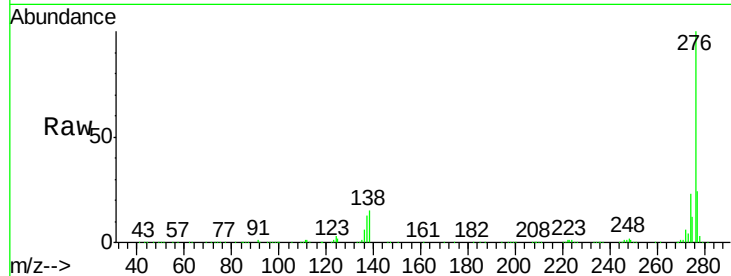
#91
 Benzo(a,h,i)perylene
 Concen: 35.14 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	14.8	13.1	19.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

