

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082843.D
 Acq On : 9 Nov 2015 21:52
 Operator : UM/IZ
 Sample : G4306-15MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:32 PM

Quant Time: Nov 10 03:45:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	253192	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	979652	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	449370	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	836878	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	600269	20.00	ng	-0.02
86) Perylene-d12	15.41	264	638925	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2374810	145.94	ng	0.00
7) Phenol-d6	6.49	99	3196205	147.74	ng	0.01
23) Nitrobenzene-d5	7.40	82	2039764	90.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	742335	144.07	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2815832	89.81	ng	-0.02
78) Terphenyl-d14	12.94	244	2646906	104.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	333686	47.52	ng	95
3) Pyridine	3.22	79	990649	48.62	ng	97
4) n-Nitrosodimethylamine	3.18	42	470476	46.56	ng	# 73
6) Aniline	6.50	93	929766	30.61	ng	# 15
8) 2-Chlorophenol	6.62	128	899386	49.86	ng	92
9) Benzaldehyde	6.37	77	100277	8.39	ng	85
10) Phenol	6.50	94	1222895	49.82	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	926405	50.47	ng	# 81
12) 1,3-Dichlorobenzene	6.77	146	906465m	44.55	ng	
13) 1,4-Dichlorobenzene	6.85	146	974311m	46.03	ng	
14) 1,2-Dichlorobenzene	7.00	146	811836	42.17	ng	96
15) Benzyl Alcohol	6.98	79	819202	43.12	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1334786	49.57	ng	96
17) 2-Methylphenol	7.10	107	788861	51.63	ng	98
18) Hexachloroethane	7.34	117	328631	43.41	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	771645	48.52	ng	# 82
20) 3+4-Methylphenols	7.25	107	862170	43.40	ng	# 88
22) Acetophenone	7.24	105	1290066	45.96	ng	# 94
24) Nitrobenzene	7.41	77	1025184	44.53	ng	# 88
25) Isophorone	7.66	82	1912106	45.90	ng	97
26) 2-Nitrophenol	7.73	139	434774	45.24	ng	# 79
27) 2,4-Dimethylphenol	7.78	122	762616	44.16	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	1079032	45.92	ng	98
29) 2,4-Dichlorophenol	7.98	162	815172	52.23	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	810029	46.15	ng	96
31) Naphthalene	8.14	128	2487734	46.03	ng	99
32) Benzoic acid	7.86	122	64595	5.46	ng	89
33) 4-Chloroaniline	8.19	127	548670	23.55	ng	# 86
34) Hexachlorobutadiene	8.27	225	493911	44.97	ng	99
35) Caprolactam	8.57	113	255305m	51.89	ng	
36) 4-Chloro-3-methylphenol	8.68	107	802123	43.70	ng	90
37) 2-Methylnaphthalene	8.83	142	1483297	42.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	673336	45.60	ng	97
40) Hexachlorocyclopentadiene	8.99	237	758006	95.54	ng	99

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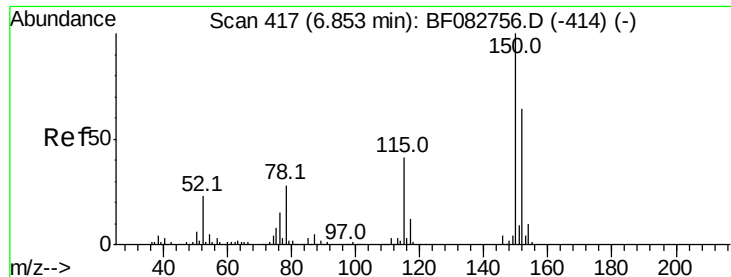
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	555899m	50.43	nq	
43) 2,4,5-Trichlorophenol	9.16	196	538010m	49.35	nq	
45) 1,1'-Biphenyl	9.30	154	1812667	47.01	nq	96
46) 2-Chloronaphthalene	9.32	162	1436377	47.75	nq	97
47) 2-Nitroaniline	9.41	65	514998	46.16	nq	# 84
48) Acenaphthylene	9.73	152	2130166	45.19	nq	99
49) Dimethylphthalate	9.61	163	2364836	64.23	nq	99
50) 2,6-Dinitrotoluene	9.66	165	446101	56.79	nq	# 76
51) Acenaphthene	9.90	154	1407186	47.10	nq	100
52) 3-Nitroaniline	9.82	138	284337	32.91	nq	# 81
53) 2,4-Dinitrophenol	9.93	184	215720	50.01	nq	# 27
54) Dibenzofuran	10.08	168	1952488	48.47	nq	96
55) 4-Nitrophenol	10.00	139	640870	96.69	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	545275	51.16	nq	93
57) Fluorene	10.42	166	1376221	42.19	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	465655	52.33	nq	# 87
59) Diethylphthalate	10.30	149	1632574	45.42	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	794743	48.69	nq	95
61) 4-Nitroaniline	10.44	138	384547	44.26	nq	# 81
62) Azobenzene	10.58	77	2077328	53.80	nq	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	323128	54.20	nq	89
65) n-Nitrosodiphenylamine	10.53	169	1309146	43.30	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	440988	43.76	nq	# 70
67) Hexachlorobenzene	10.97	284	514623	45.74	nq	# 87
68) Atrazine	11.07	200	502456	53.74	nq	91
69) Pentachlorophenol	11.16	266	561520	82.18	nq	99
70) Phenanthrene	11.38	178	2079571	42.79	nq	100
71) Anthracene	11.44	178	2403564	46.95	nq	100
72) Carbazole	11.58	167	2065415	46.09	nq	99
73) Di-n-butylphthalate	11.93	149	2579534	46.20	nq	# 98
74) Fluoranthene	12.57	202	2430138	46.60	nq	98
76) Benzidine	12.68	184	844634	41.99	nq	99
77) Pyrene	12.80	202	2474453	60.03	nq	99
79) Butylbenzylphthalate	13.41	149	979062	53.76	nq	97
80) Benzo(a)anthracene	13.97	228	2000949	53.31	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	597551	44.78	nq	99
82) Chrysene	14.02	228	1962430	57.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1428948	57.33	nq	# 98
84) Di-n-octyl phthalate	14.60	149	2481995	59.69	nq	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	1704780	57.57	nq	# 96
87) Benzo(b)fluoranthene	15.01	252	2036962m	49.67	nq	
88) Benzo(k)fluoranthene	15.04	252	1455492m	40.01	nq	
89) Benzo(a)pyrene	15.36	252	1628817	45.84	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	1423823	47.32	nq	# 96
91) Benzo(g,h,i)perylene	17.21	276	1408479	48.87	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

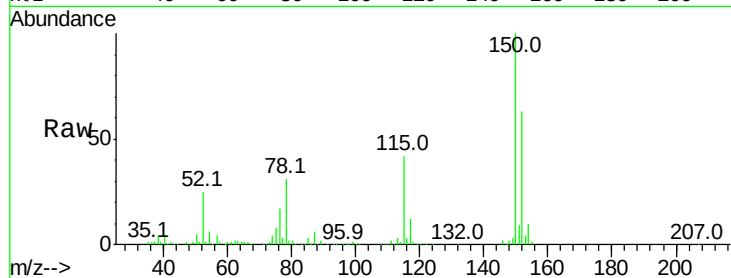
ClientSampled :

D3MS

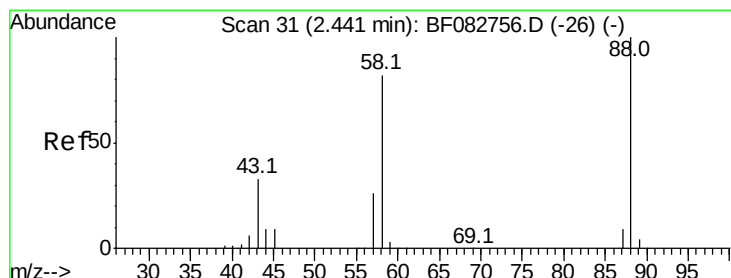
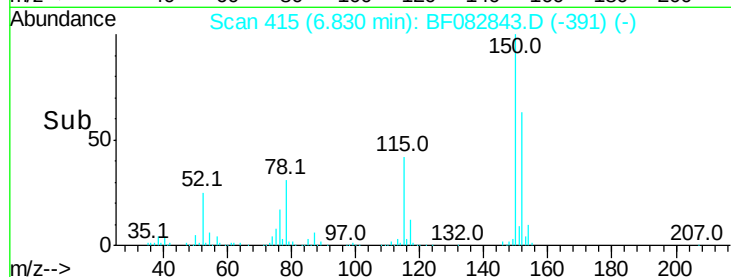
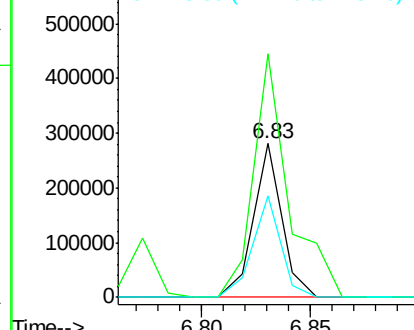
Tot Ion:	152	Resp:	253192
Ion Ratio	Lower	Upper	
152	100		
150	158.5	127.0	190.4
115	66.5	47.0	70.6

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



#2

1,4-Dioxane

Concen: 47.52 ng

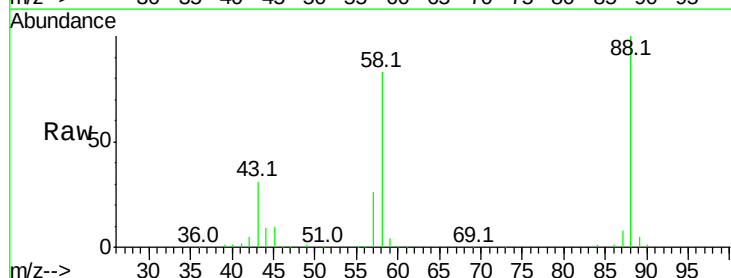
RT: 2.52 min Scan# 38

Delta R.T. 0.08 min

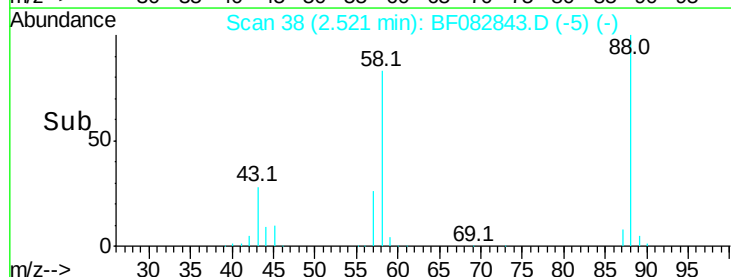
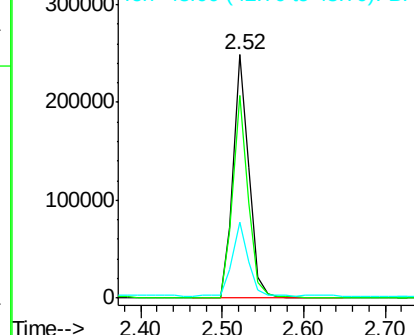
Lab File: BF082843.D

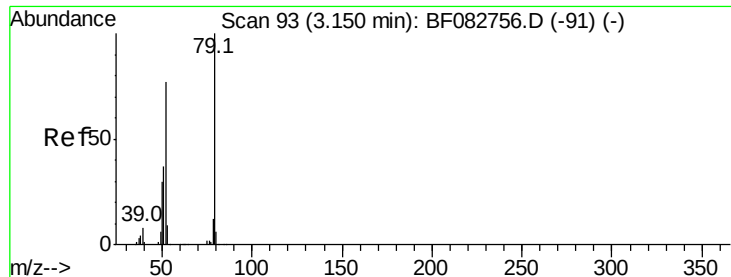
Acq: 9 Nov 2015 21:52

Tgt Ion:	88	Resp:	333686
Ion Ratio	Lower	Upper	
88	100		
58	81.2	62.0	93.0
43	30.4	26.6	40.0



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





#3

Pvridine

Concen: 48.62 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

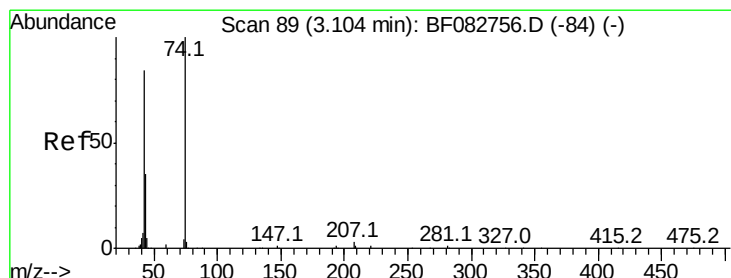
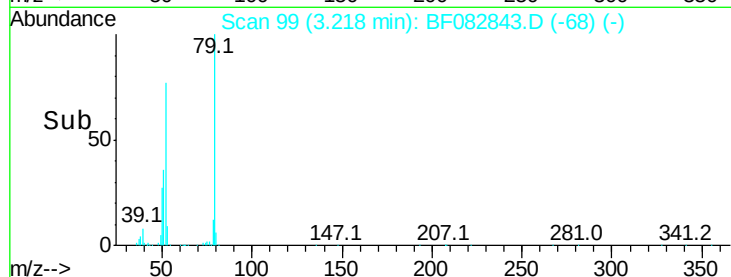
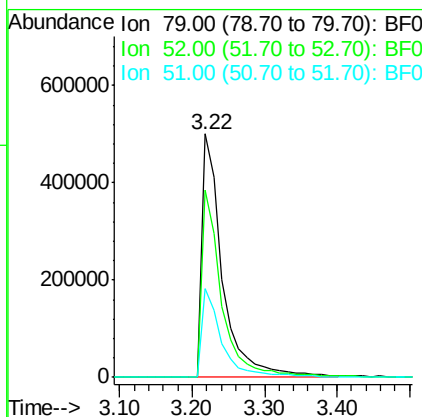
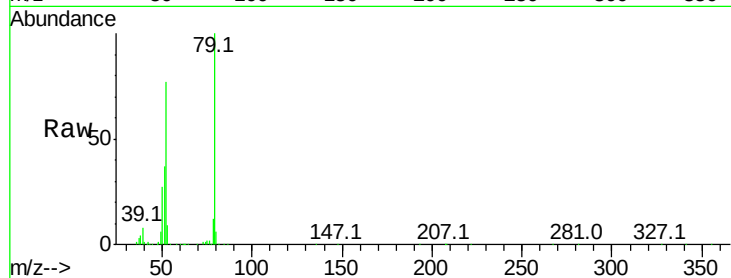
ClientSampleId :

D3MS

Tot Ion:	79	Resp:	990649
Ion Ratio	Lower	Upper	
79	100		
52	76.9	62.8	94.2
51	36.5	32.0	48.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.56 ng

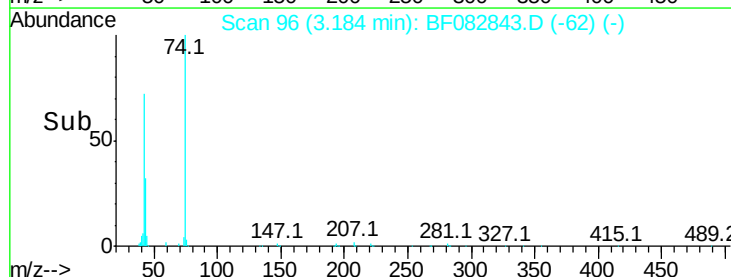
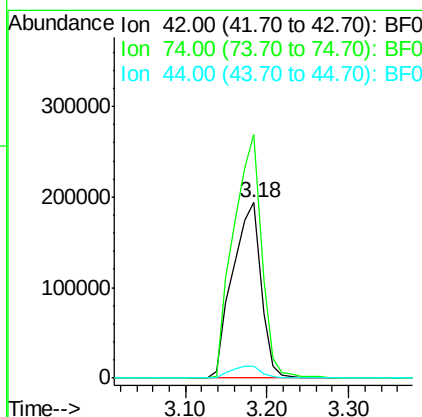
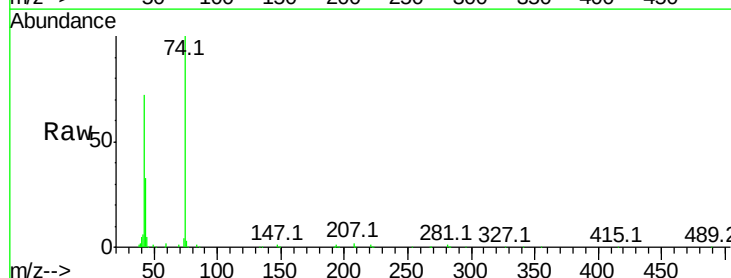
RT: 3.18 min Scan# 96

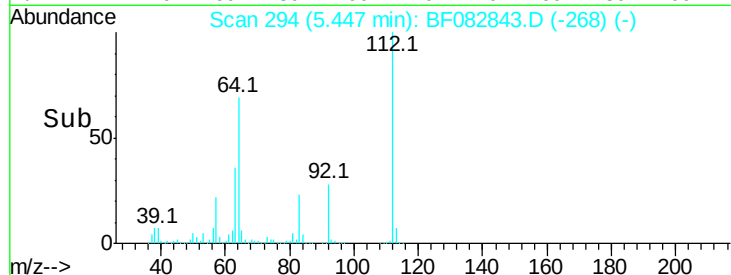
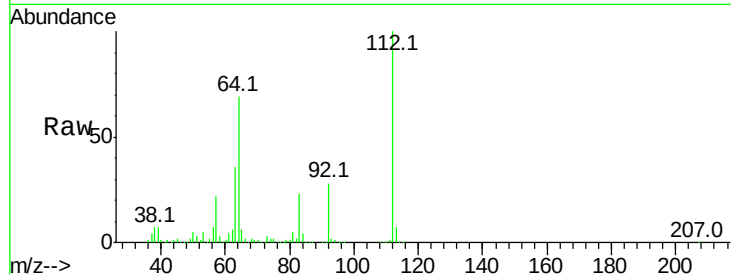
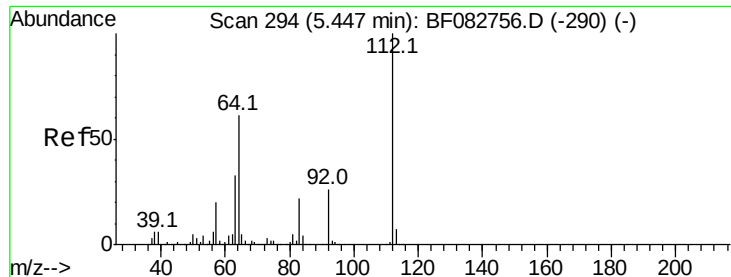
Delta R.T. 0.09 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	42	Resp:	470476
Ion Ratio	Lower	Upper	
42	100		
74	139.0	87.0	130.4#
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 145.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:112 Resp: 2374810

Ion Ratio Lower Upper

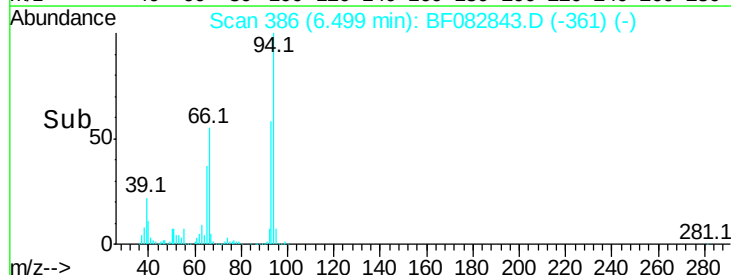
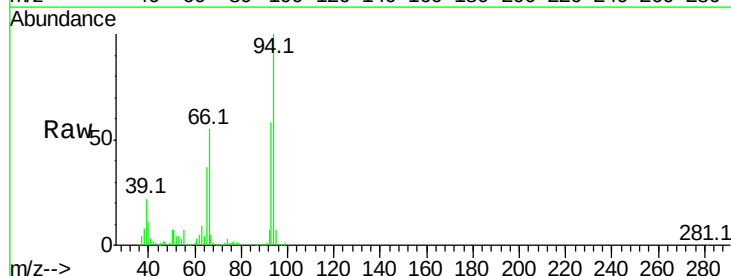
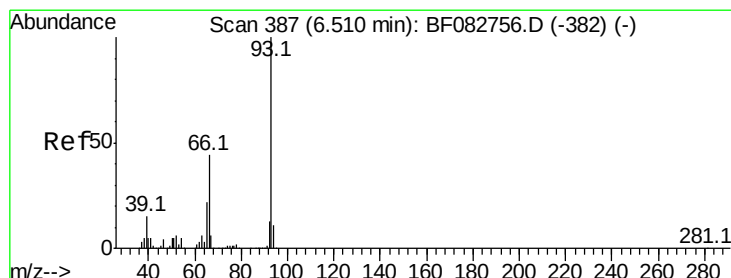
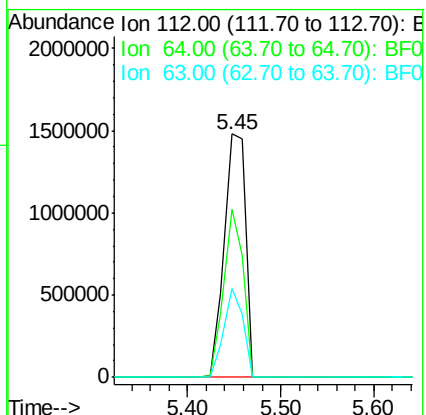
112 100

64 69.2 48.9 73.3

63 36.5 28.1 42.1

Manual Integrations
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#6

Aniline

Concen: 30.61 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

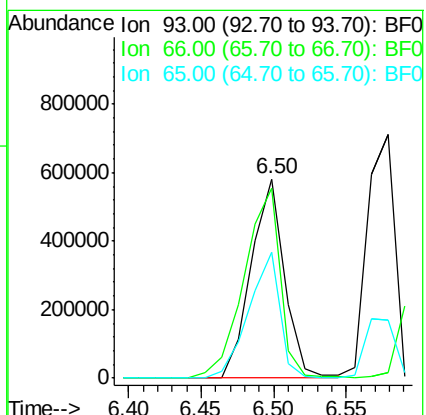
Tgt Ion: 93 Resp: 929766

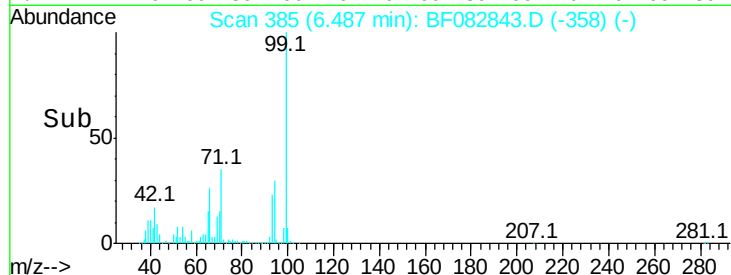
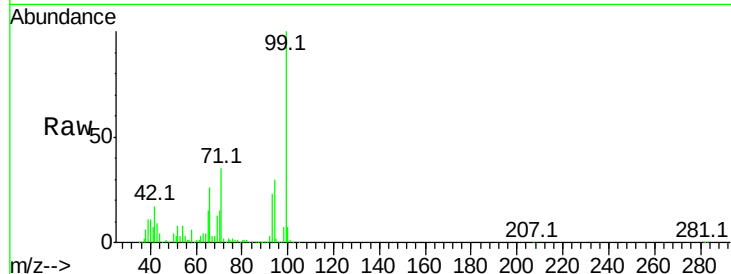
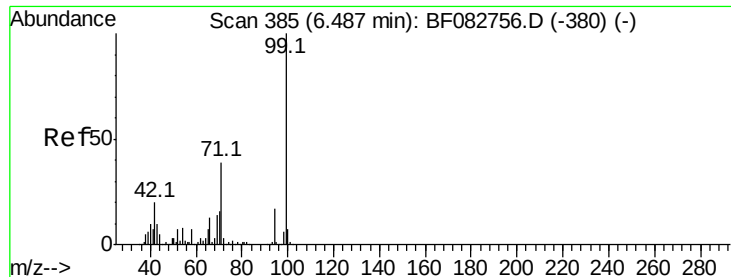
Ion Ratio Lower Upper

93 100

66 95.7 33.6 50.4#

65 63.5 18.1 27.1#





#7

Phenol-d6

Concen: 147.74 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tot Ion: 99 Resp: 3196205

Ion Ratio Lower Upper

99 100

42 17.4 19.2 28.8#

71 35.0 35.0 52.4

Instrument :

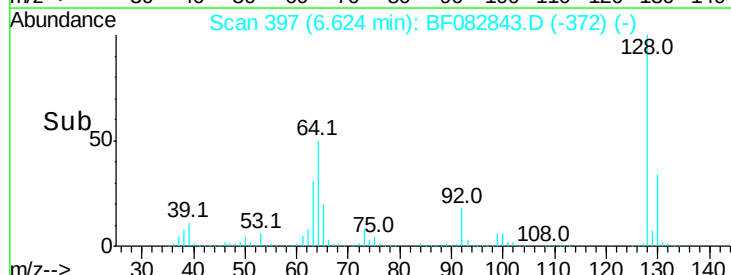
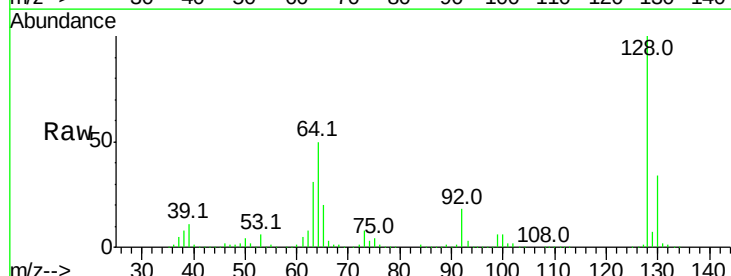
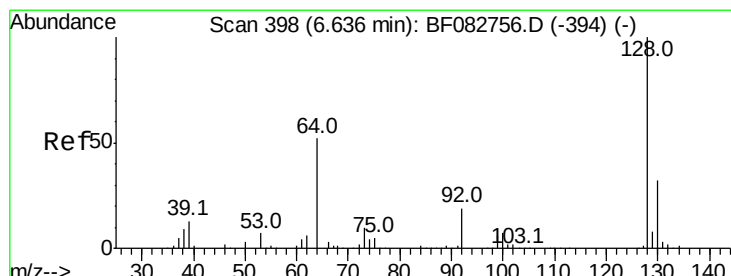
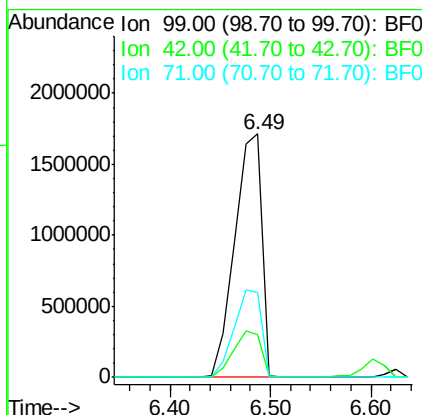
BNA_F

ClientSampleId :

D3MS

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#8

2-Chlorophenol

Concen: 49.86 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

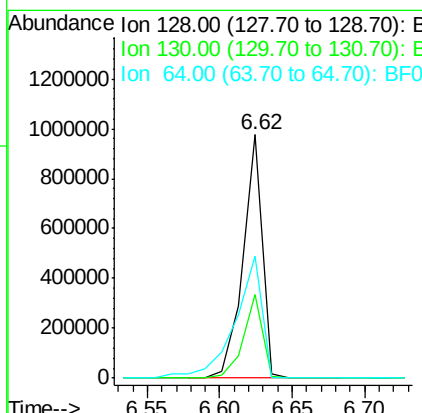
Tgt Ion:128 Resp: 899386

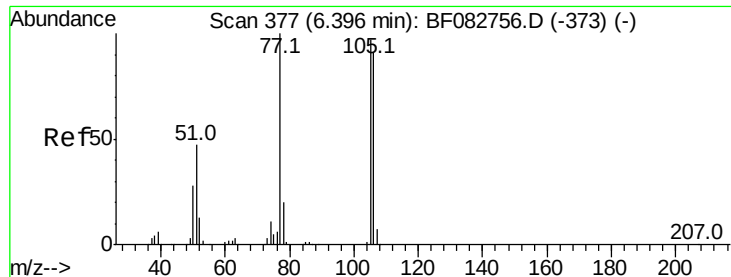
Ion Ratio Lower Upper

128 100

130 34.1 13.5 53.5

64 50.0 21.1 61.1





#9

Benzaldehyde

Concen: 8.39 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

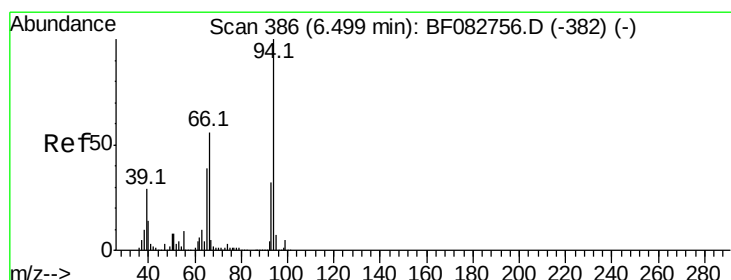
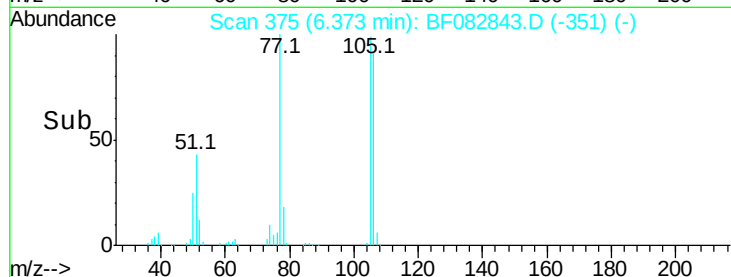
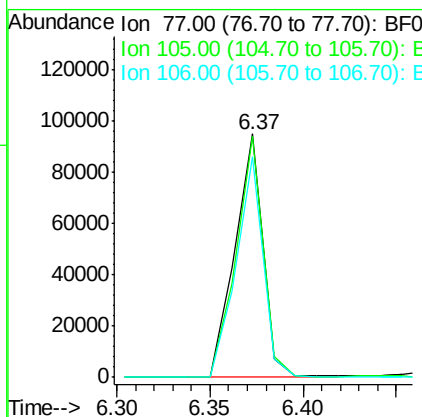
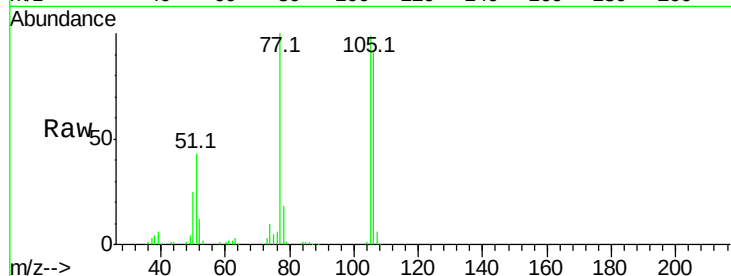
ClientSampleId :

D3MS

Tot Ion:	77	Resp:	100277
Ion Ratio	Lower	Upper	
77	100		
105	99.0	63.5	103.5
106	90.6	59.3	99.3

Manual Integrations
APPROVED

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11/10/2015 1:02:32 PM



#10

Phenol

Concen: 49.82 ng

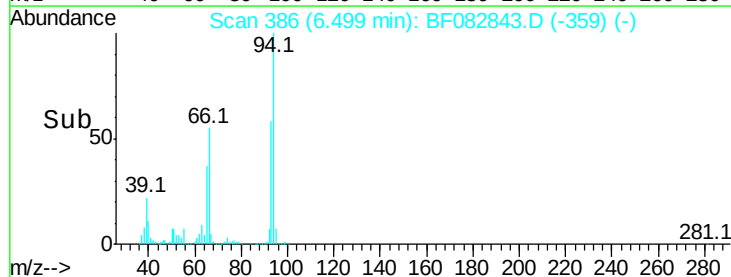
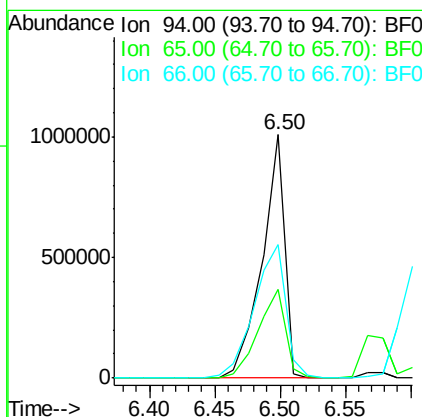
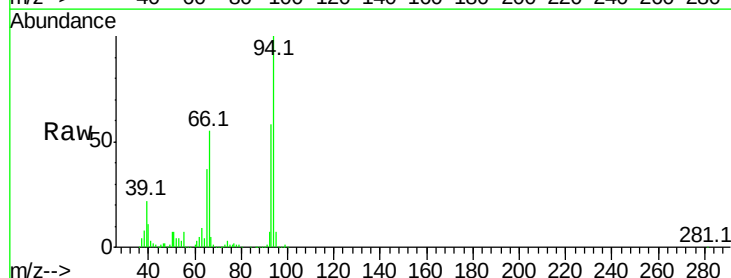
RT: 6.50 min Scan# 386

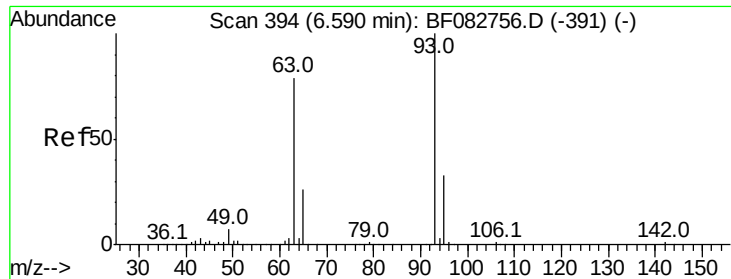
Delta R.T. 0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	94	Resp:	1222895
Ion Ratio	Lower	Upper	
94	100		
65	36.6	18.9	58.9
66	55.1	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 50.47 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

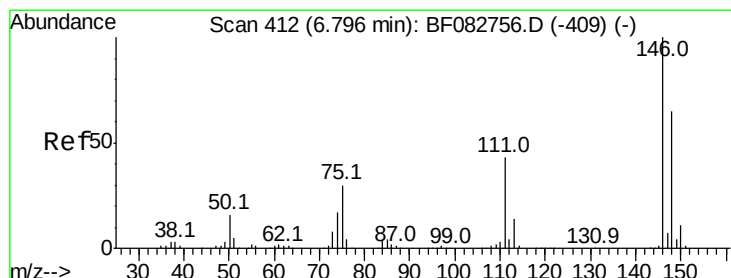
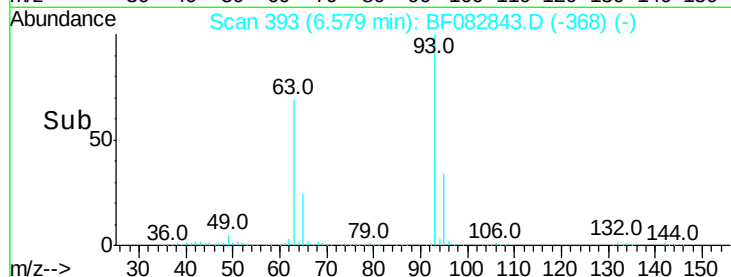
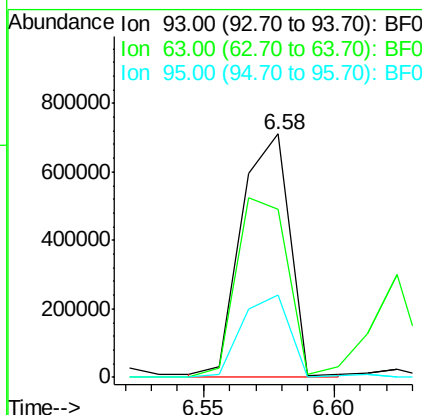
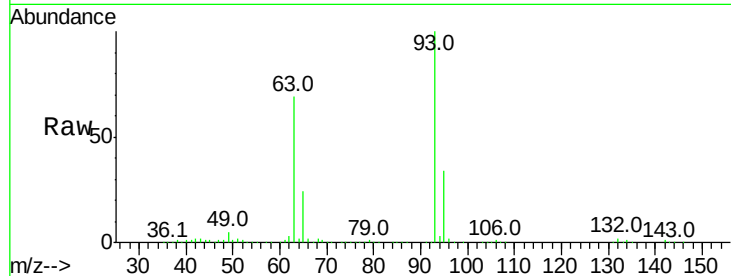
D3MS

Tot Ion: 93 Resp: 926405

Ion	Ratio	Lower	Upper
93	100		
63	69.2	72.7	112.7#
95	33.7	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 44.55 ng m

RT: 6.77 min Scan# 410

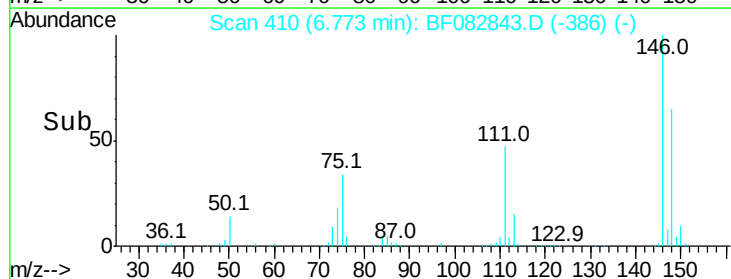
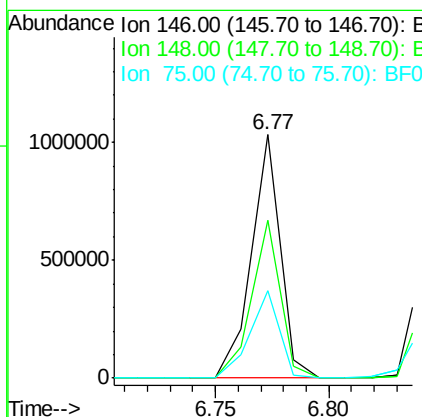
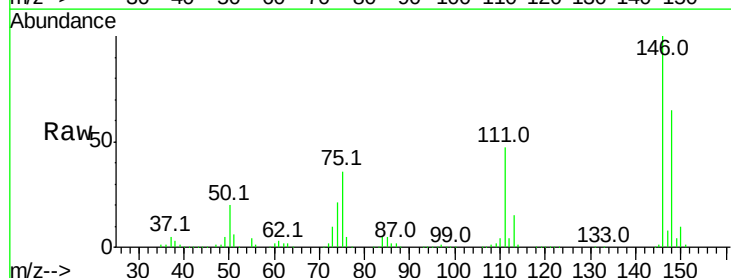
Delta R.T. -0.02 min

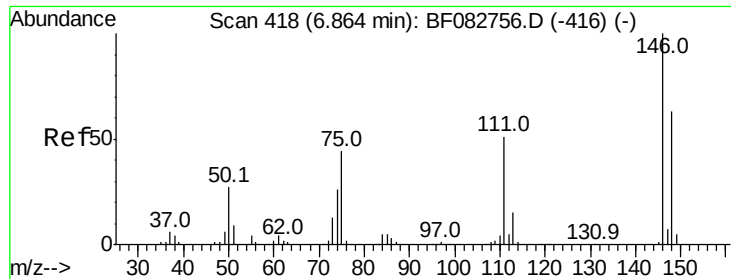
Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion: 146 Resp: 906465

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	35.9	39.5	59.3#





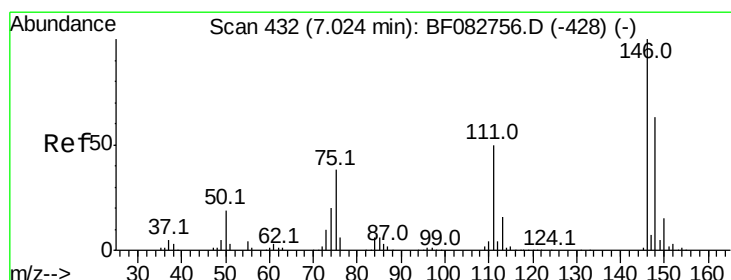
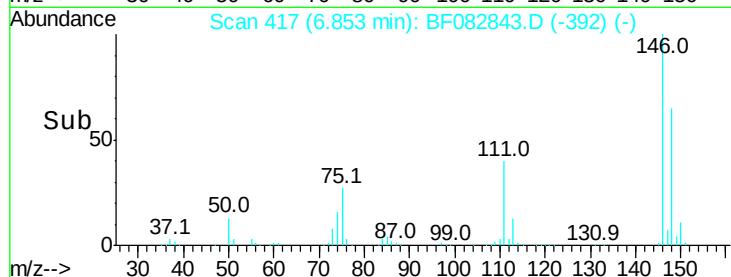
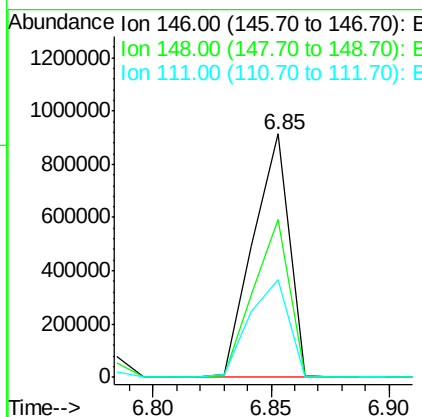
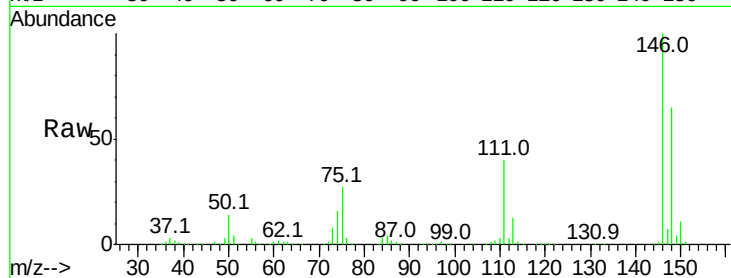
#13
 1,4-Dichlorobenzene
 Concen: 46.03 ng/ml
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleID :
 D3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	39.9	40.6	60.8

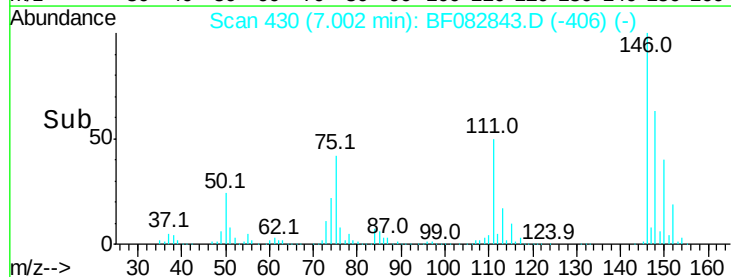
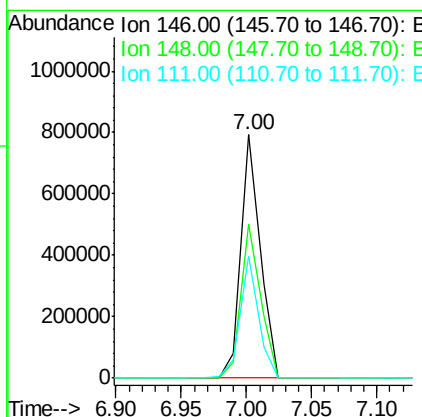
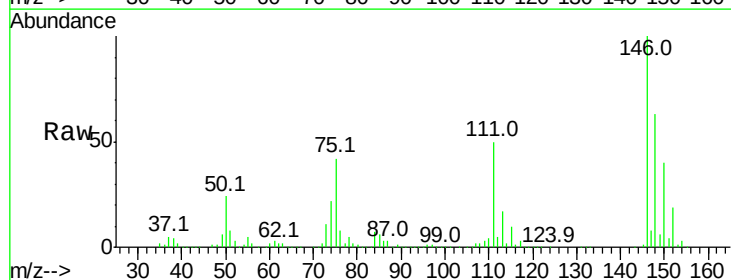
Manual Integrations
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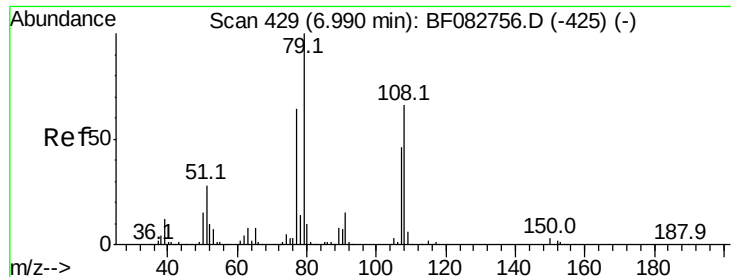
Mmdadoda
 11/10/2015 1:02:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.17 ng/ml
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.4
111	50.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 43.12 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

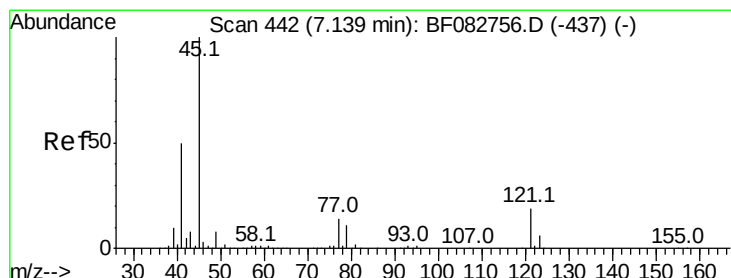
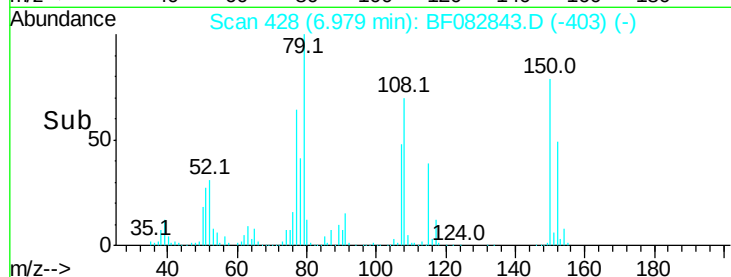
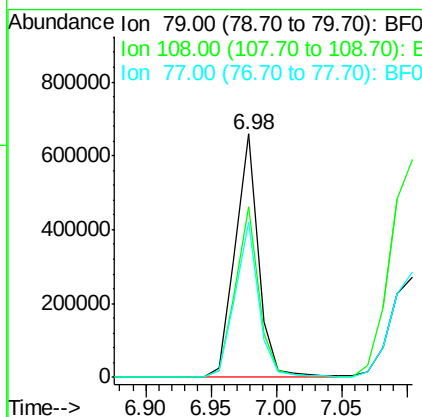
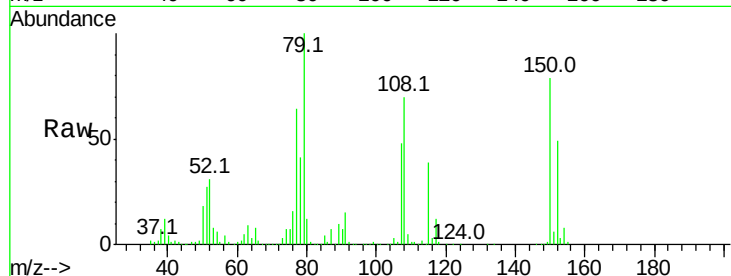
ClientSampleId :

D3MS

Tot Ion:	79	Resp:	819202
Ion	Ratio	Lower	Upper
79	100		
108	70.1	52.2	78.4
77	63.6	52.7	79.1

Manual Integrations
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Mmdadoda
11/10/2015 1:02:32 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.57 ng

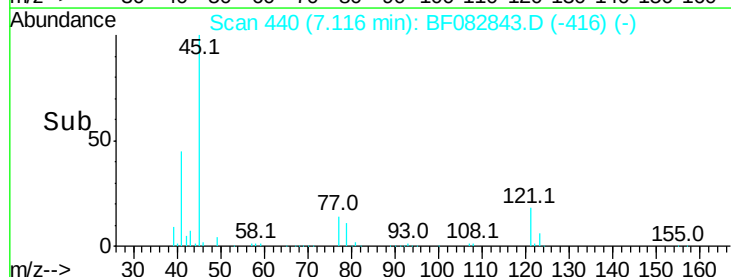
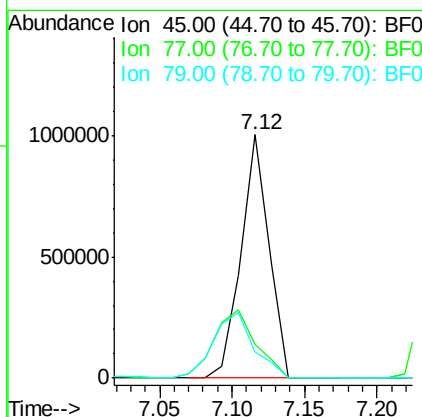
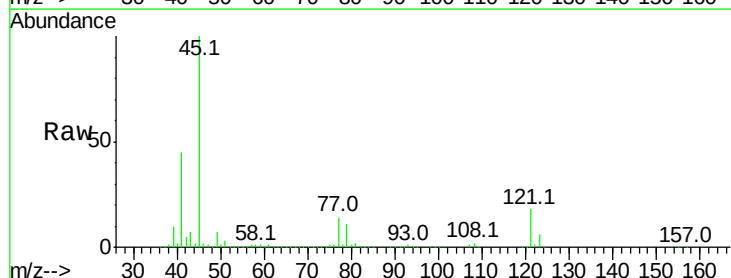
RT: 7.12 min Scan# 440

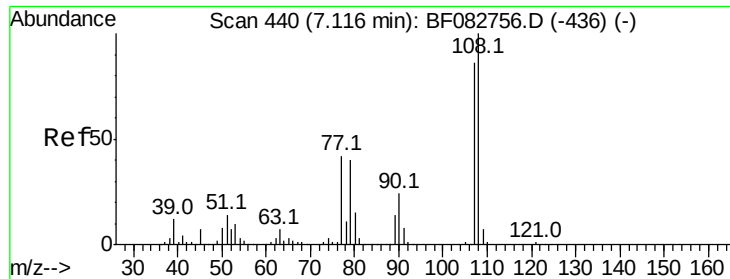
Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	45	Resp:	1334786
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.6
79	10.9	0.0	29.2





#17

2-Methylphenol

Concen: 51.63 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

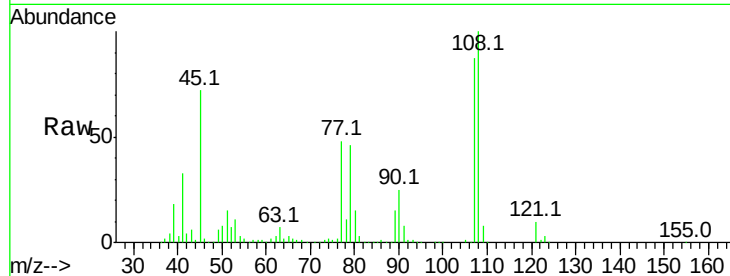
ClientSampleId :

D3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	114.5	93.0	139.4		
77	55.0	44.1	66.1		
79	52.3	43.6	65.4		

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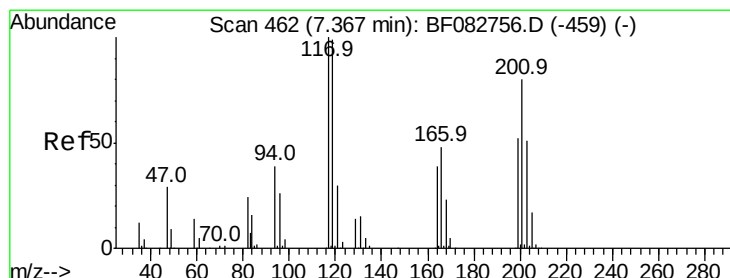
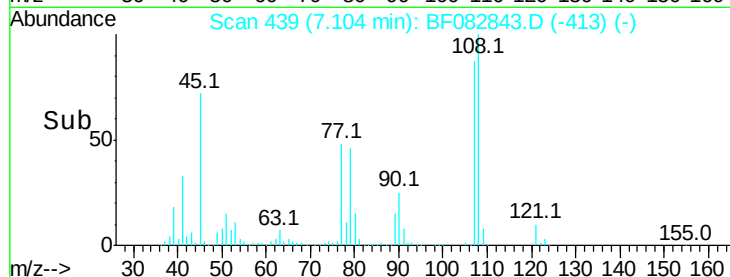
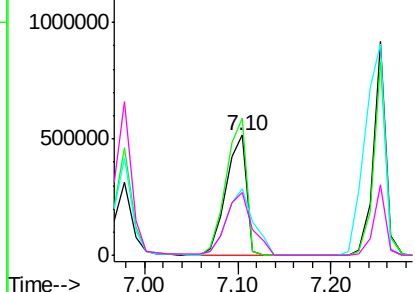


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.41 ng

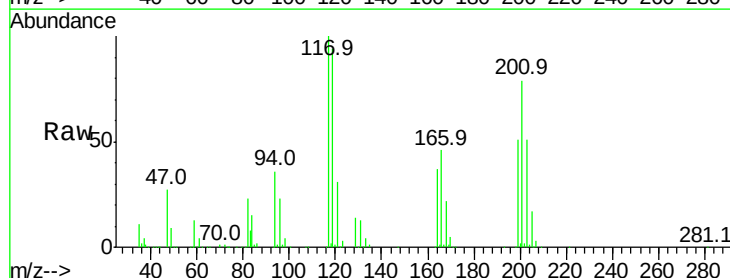
RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

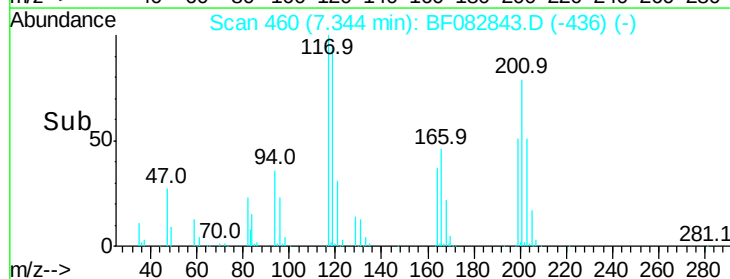
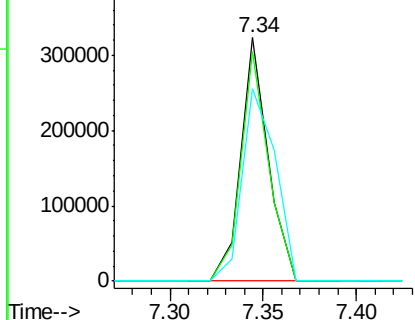
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	94.1	77.7	116.5		
201	79.1	66.7	100.1		

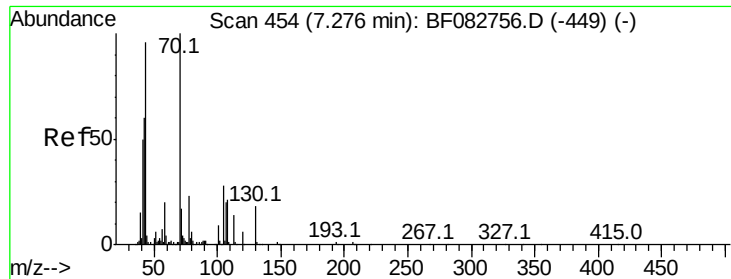


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 48.52 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

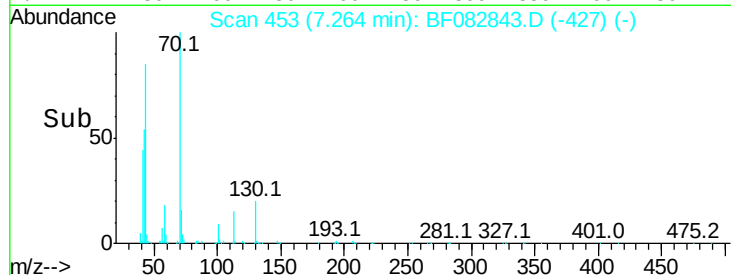
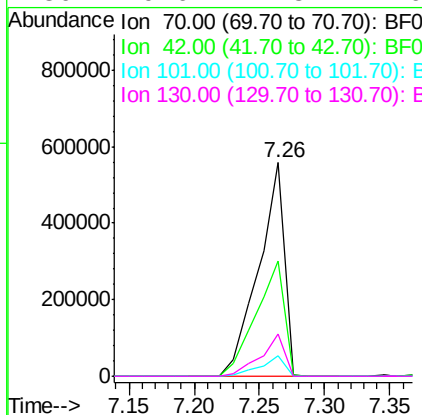
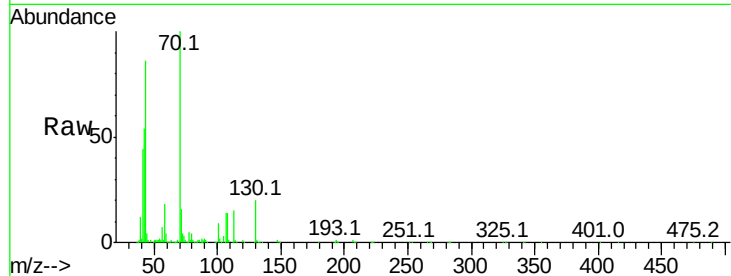
ClientSampleId :

D3MS

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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	57.7	86.5#	
101	9.4	7.0	10.6	
130	19.6	11.8	17.6#	



#20

3+4-Methylphenols

Concen: 43.40 ng

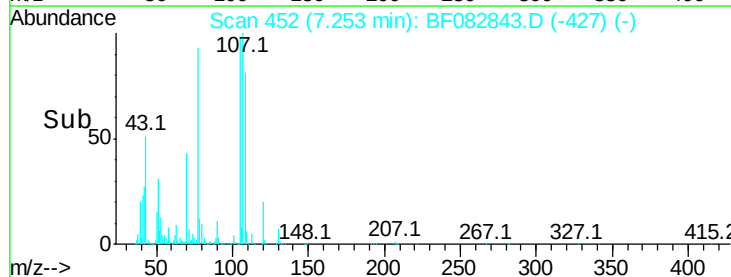
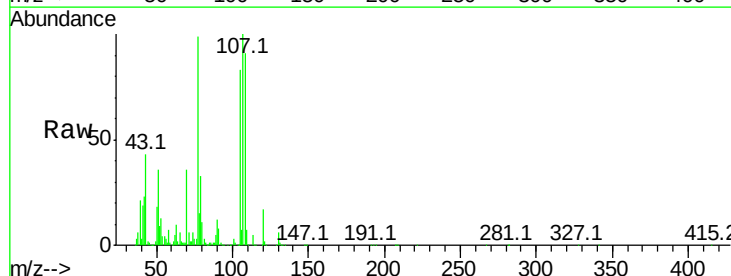
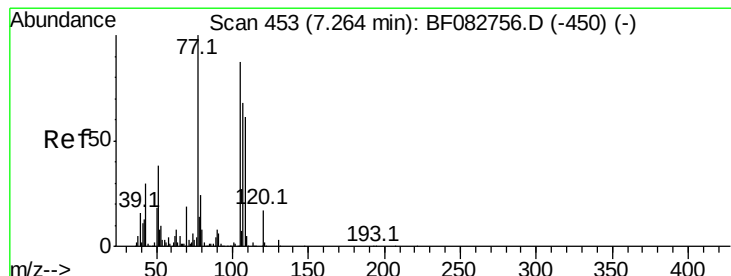
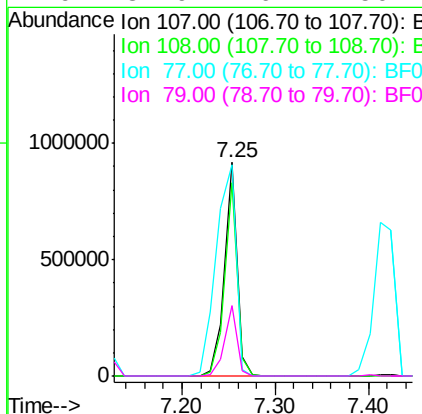
RT: 7.25 min Scan# 452

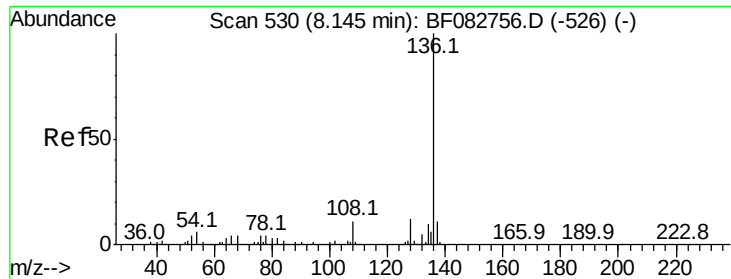
Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	67.3	107.3	
77	99.1	100.3	140.3#	
79	32.9	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

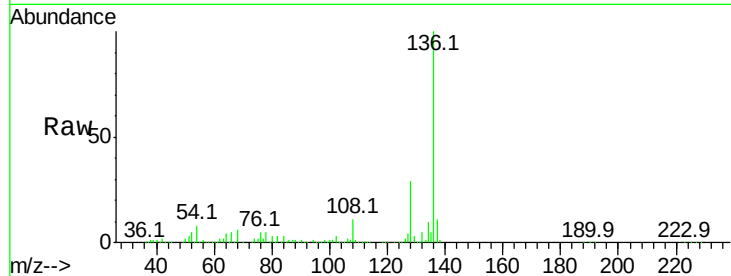
ClientSampled :

D3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.8	9.1	13.7#	
68	5.8	4.8	7.2	

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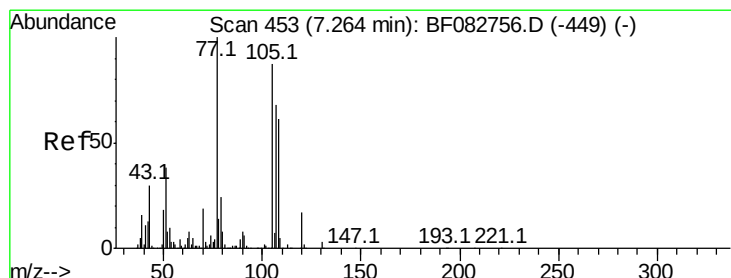
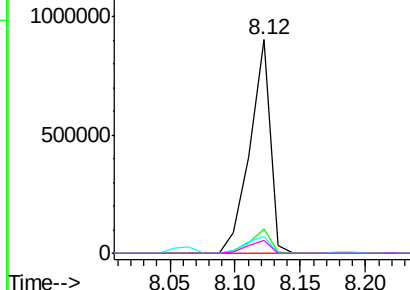
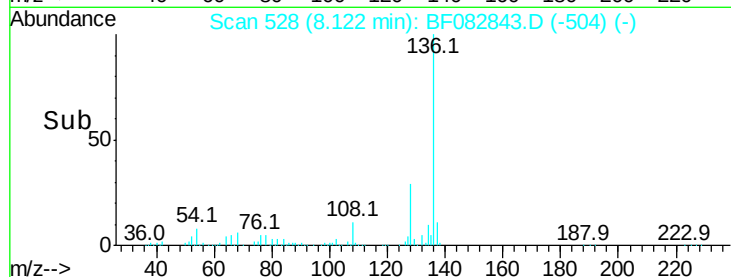


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.96 ng

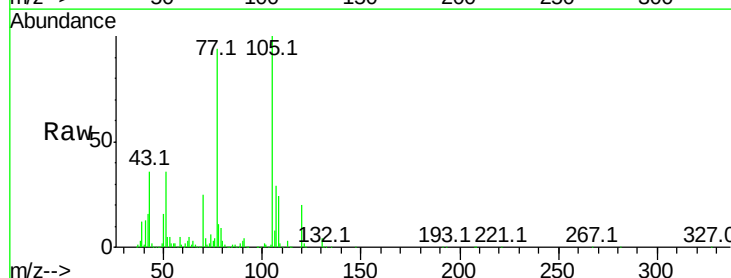
RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	5.6	8.4#	
51	35.6	24.9	37.3	
120	20.4	15.8	23.8	

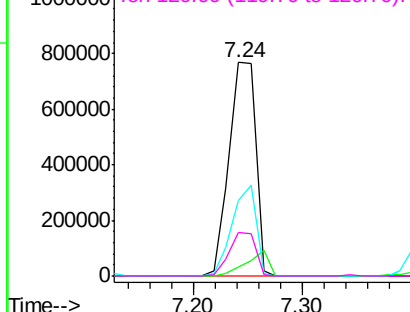
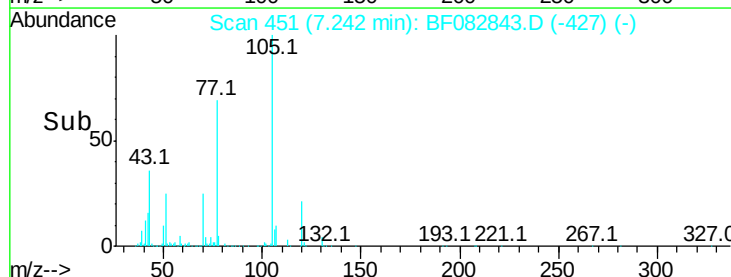


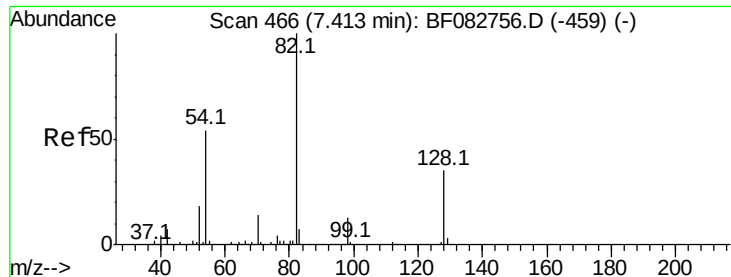
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





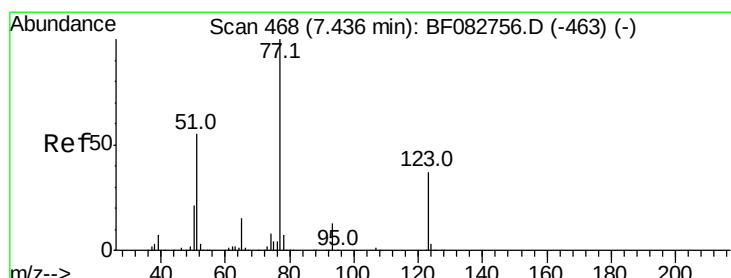
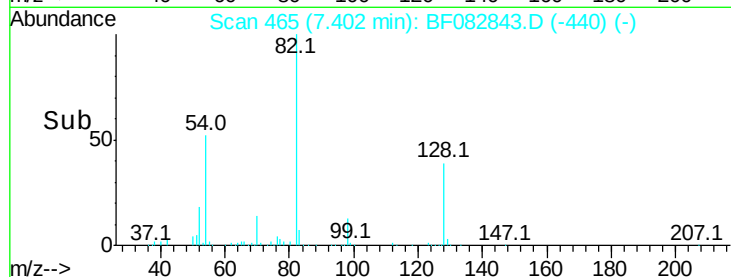
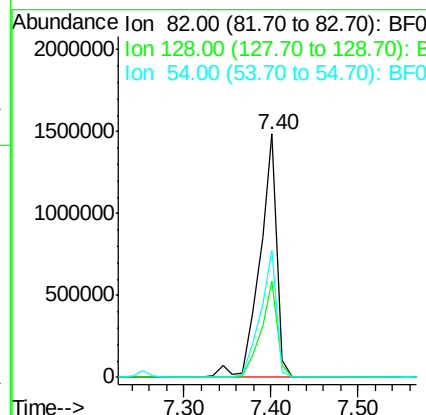
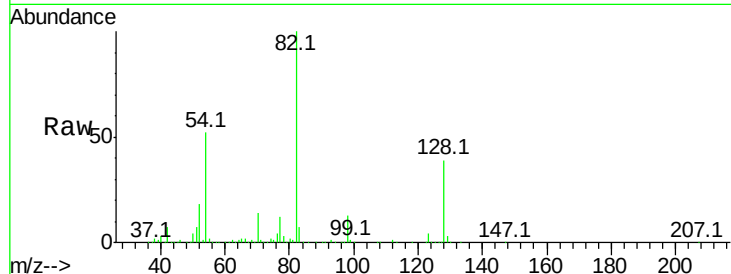
#23
Nitrobenzene-d5
Concen: 90.60 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion: 82 Resp: 2039764
Ion Ratio Lower Upper
82 100
128 39.4 26.8 40.2
54 52.1 45.7 68.5

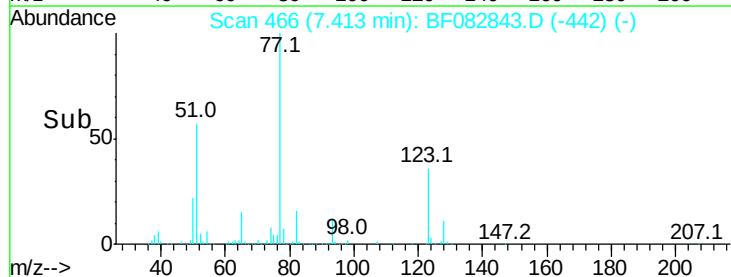
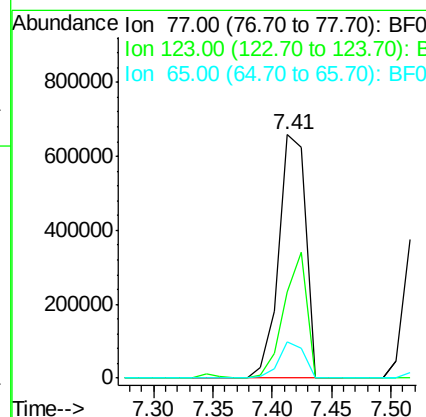
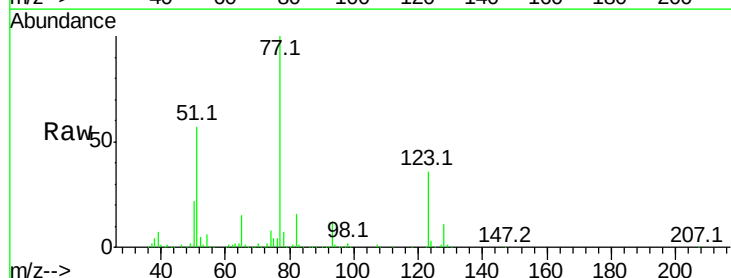
Manual Integrations
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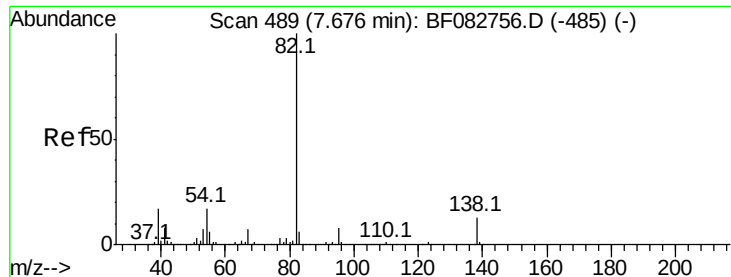
Mmdadoda
11/10/2015 1:02:32 PM



#24
Nitrobenzene
Concen: 44.53 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion: 77 Resp: 1025184
Ion Ratio Lower Upper
77 100
123 35.6 36.4 54.6#
65 14.8 11.5 17.3





#25

Isophorone

Concen: 45.90 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion: 82 Resp: 1912106

Ion Ratio Lower Upper

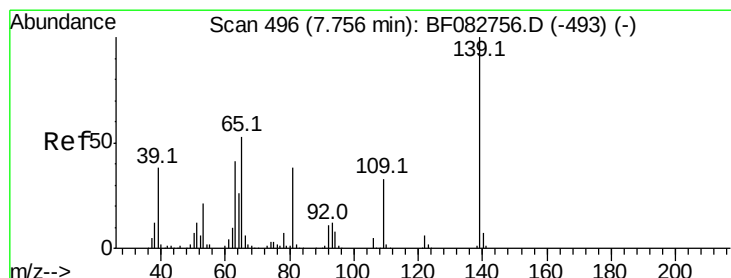
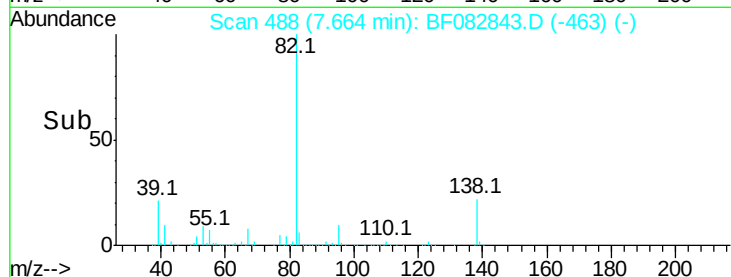
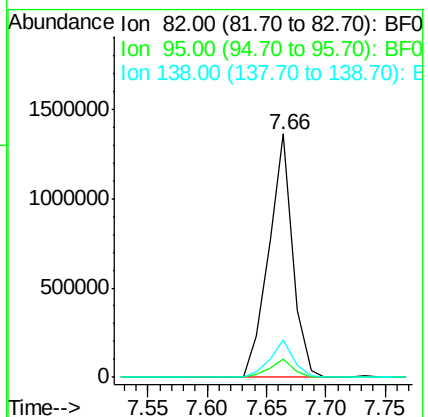
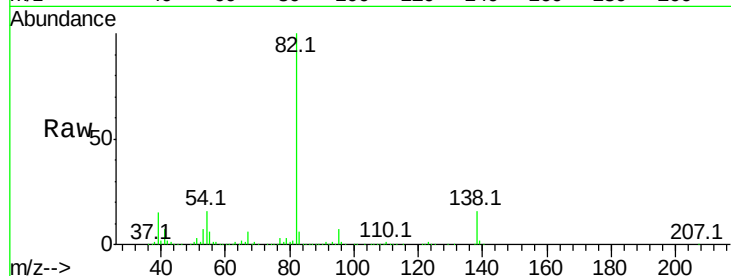
82 100

95 7.4 6.6 9.8

138 15.7 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:32 PM



#26

2-Nitrophenol

Concen: 45.24 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

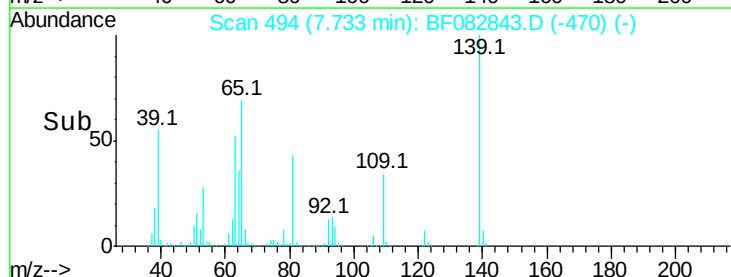
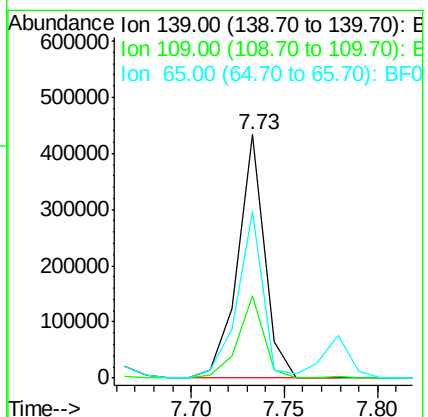
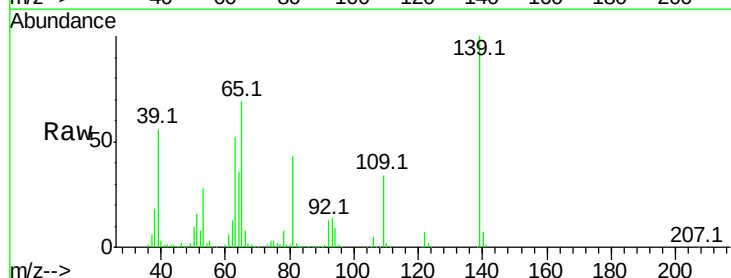
Tgt Ion: 139 Resp: 434774

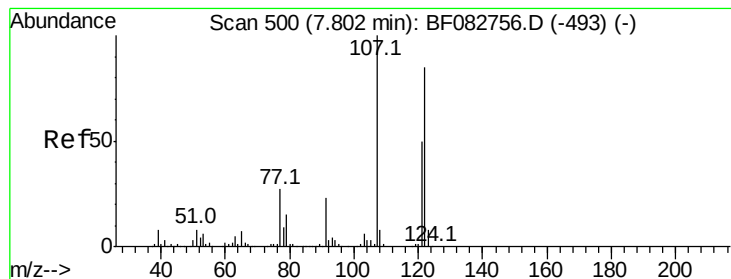
Ion Ratio Lower Upper

139 100

109 33.9 37.6 56.4#

65 68.5 70.6 105.8#





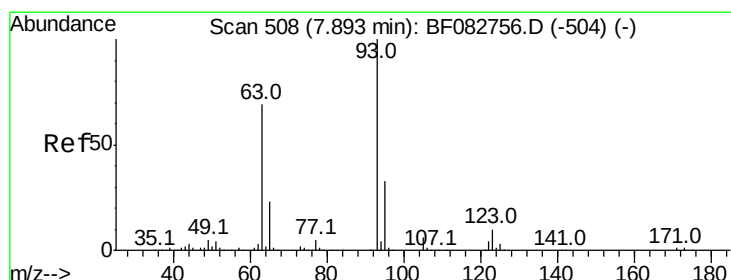
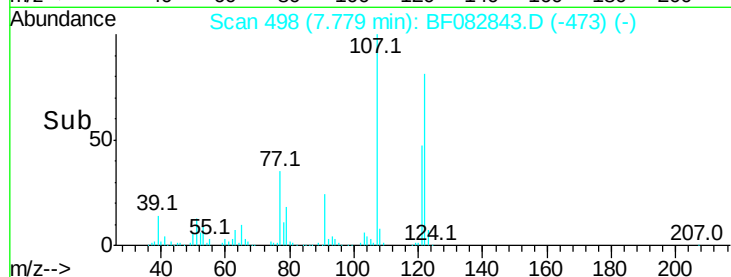
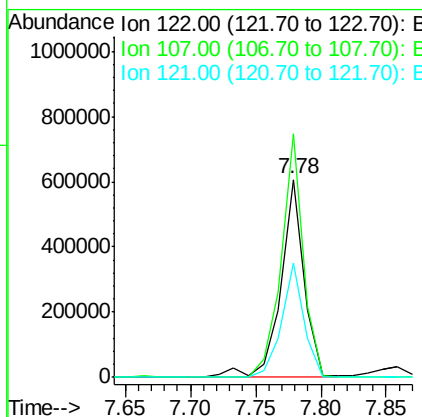
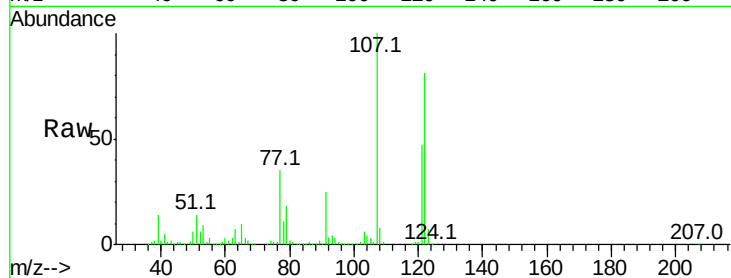
#27
 2,4-Dimethylphenol
 Concen: 44.16 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampled :
 D3MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	106.0	159.0
121	57.6	46.7	70.1

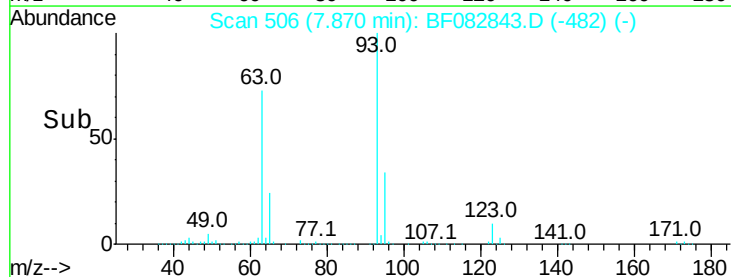
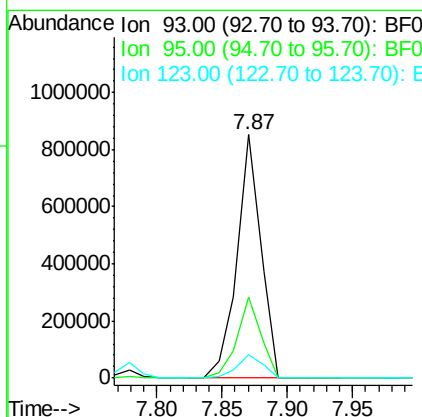
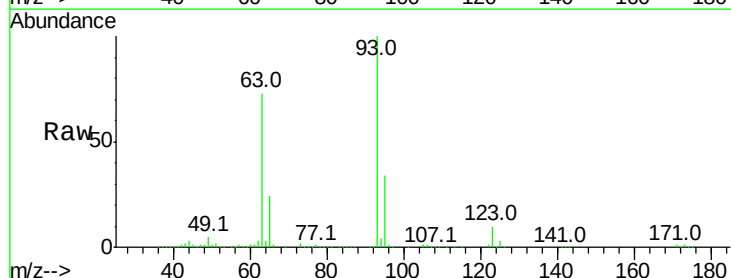
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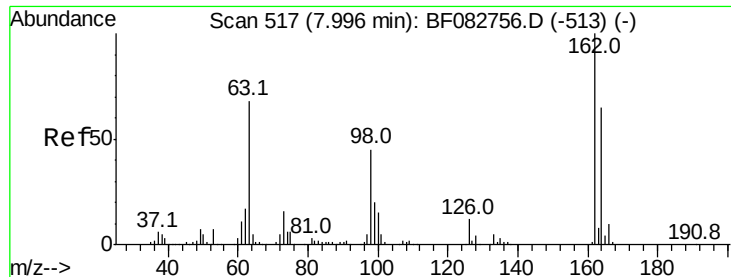
Mmdadoda
 11/10/2015 1:02:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.92 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	9.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 52.23 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

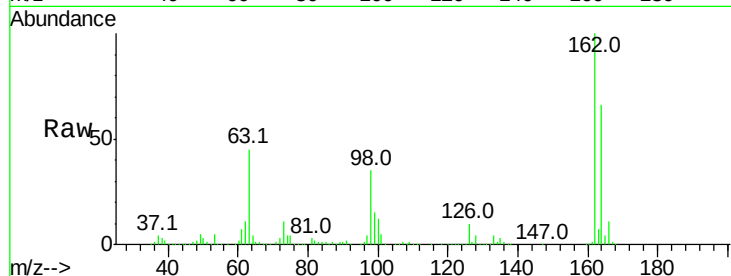
ClientSampleId :

D3MS

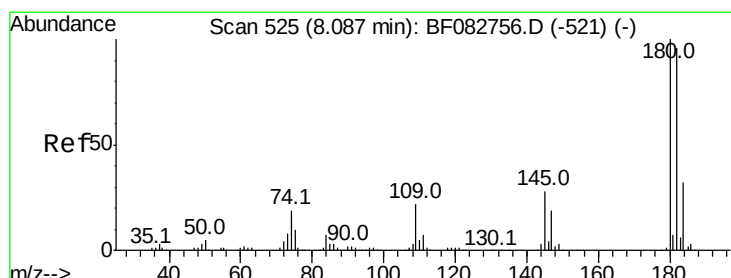
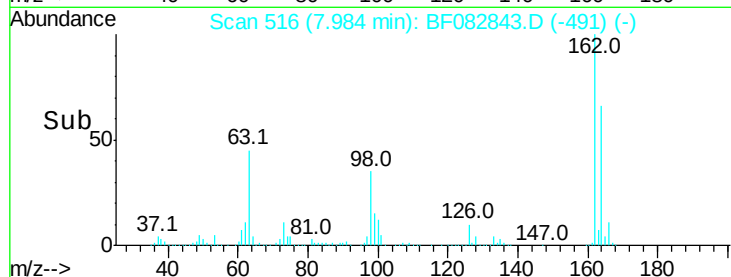
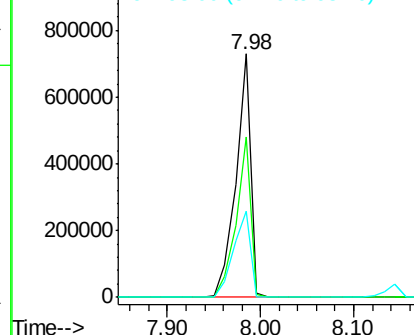
Tot Ion:	162	Resp:	815172
Ion Ratio	Lower	Upper	
162	100		
164	65.9	46.8	86.8
98	35.4	12.5	52.5

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 46.15 ng

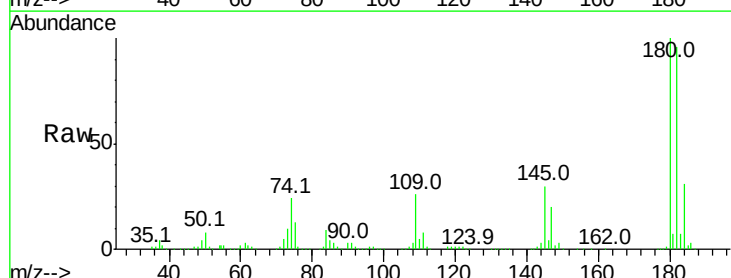
RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

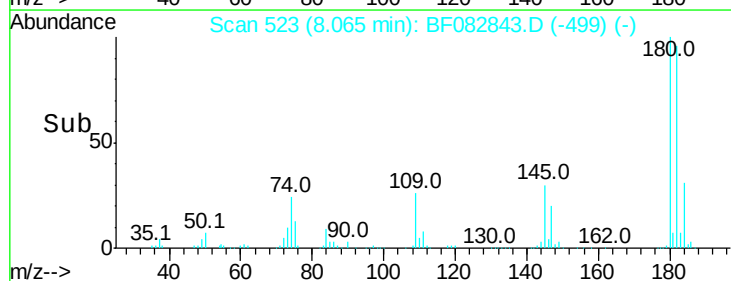
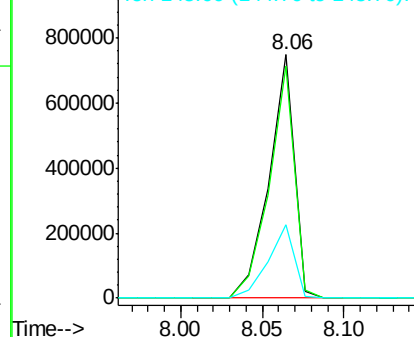
Lab File: BF082843.D

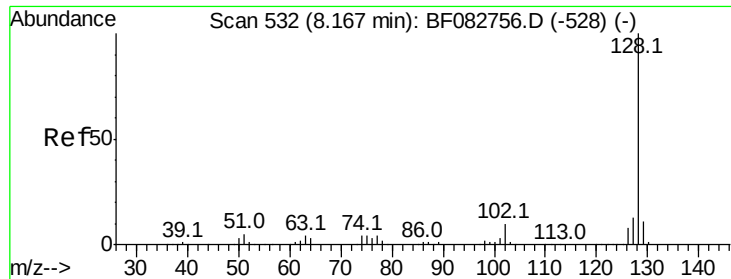
Acq: 9 Nov 2015 21:52

Tgt Ion:	180	Resp:	810029
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.9	112.3
145	30.2	27.8	41.8



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





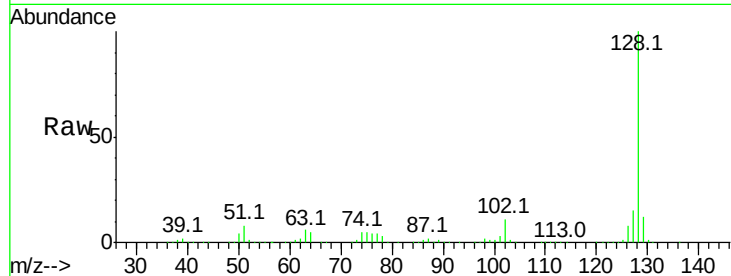
#31
Naphthalene
Concen: 46.03 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

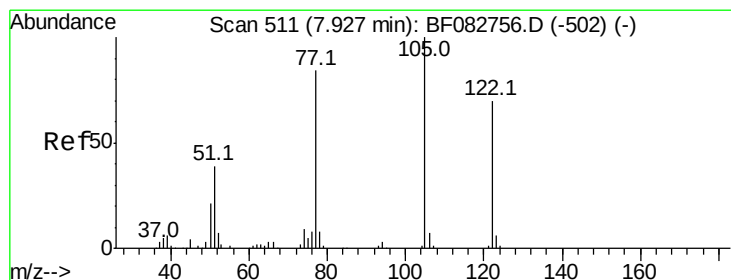
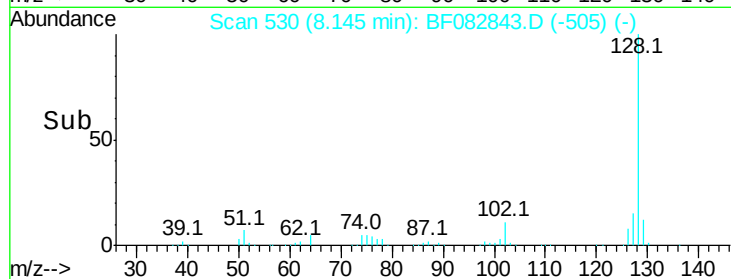
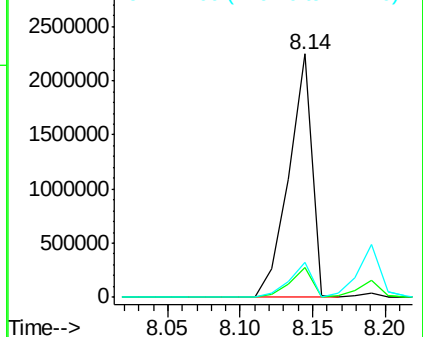
Tot Ion:128 Resp: 2487734
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.5 11.4 17.0

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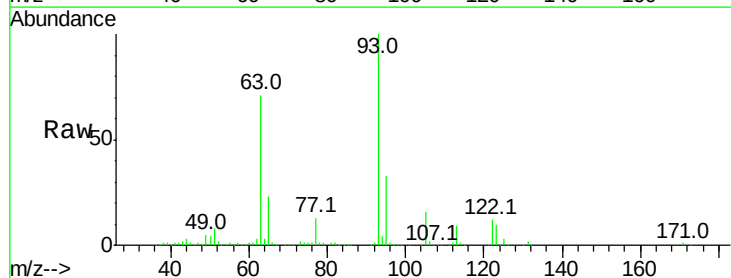


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

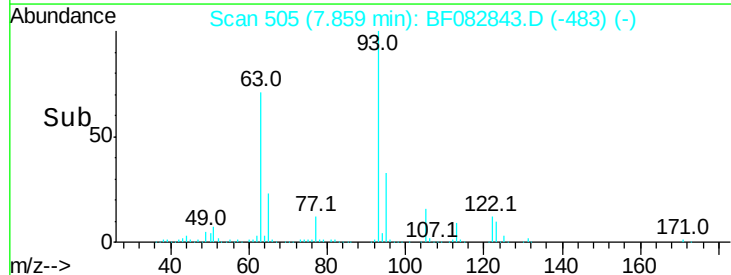
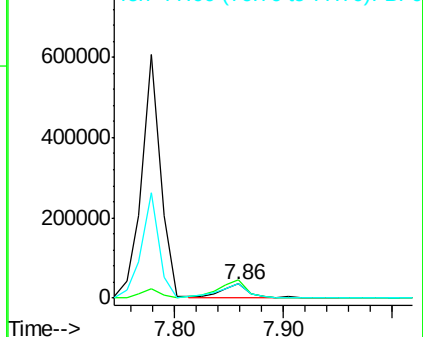


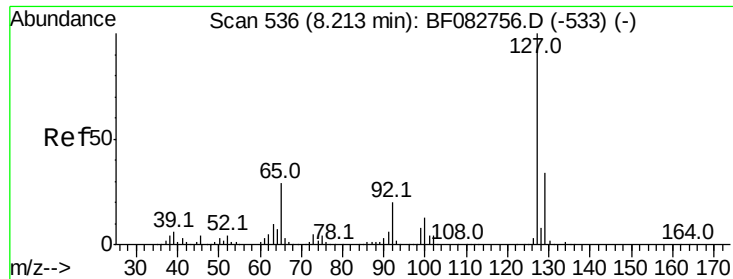
#32
Benzoic acid
Concen: 5.46 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:122 Resp: 64595
Ion Ratio Lower Upper
122 100
105 129.4 122.6 162.6
77 107.4 100.9 140.9



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





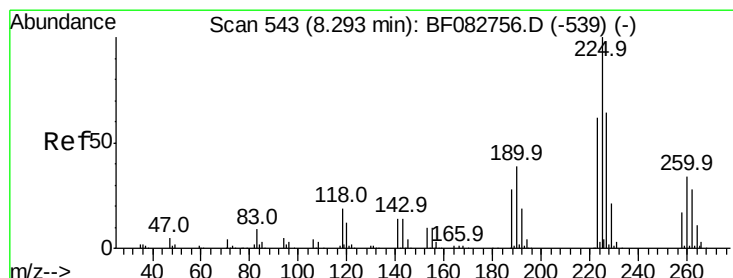
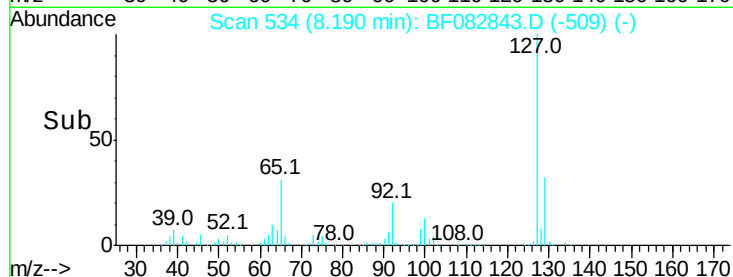
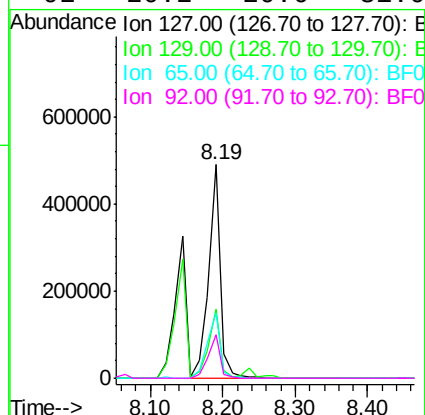
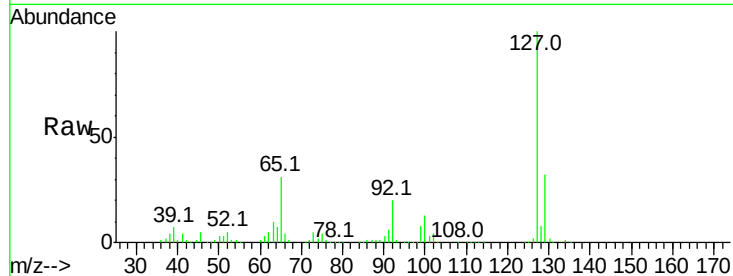
#33
4-Chloroaniline
Concen: 23.55 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.3	39.5	
65	30.9	37.8	56.8	
92	20.2	20.6	31.0	

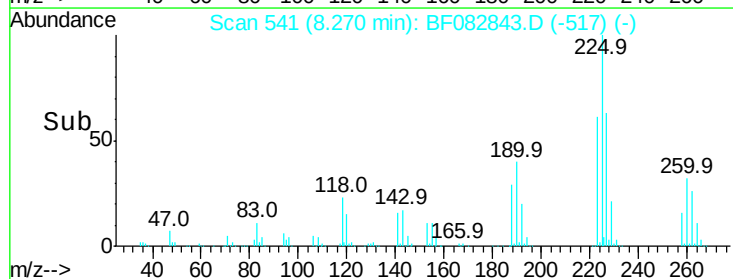
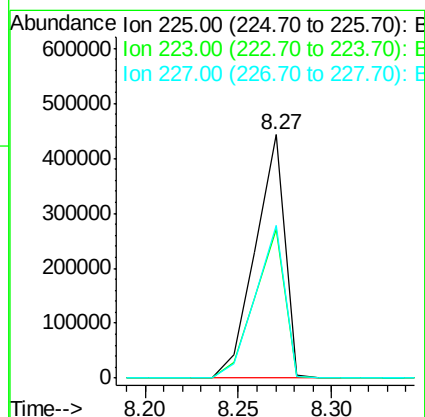
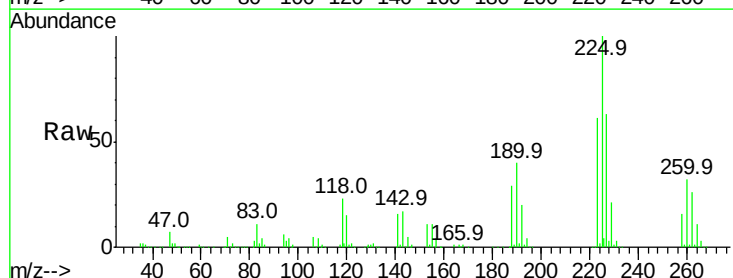
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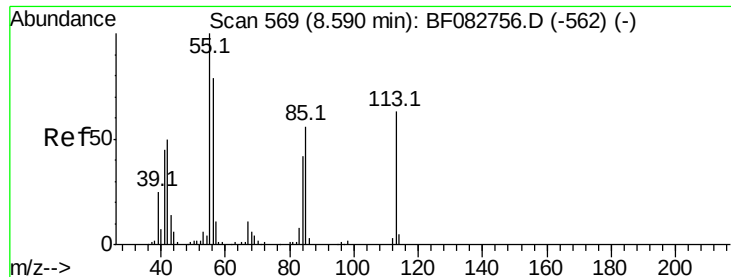
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#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	50.5	75.7	
227	62.6	50.2	75.2	





#35

Caprolactam

Concen: 51.89 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

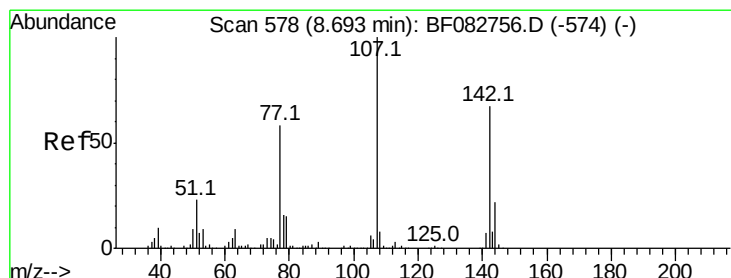
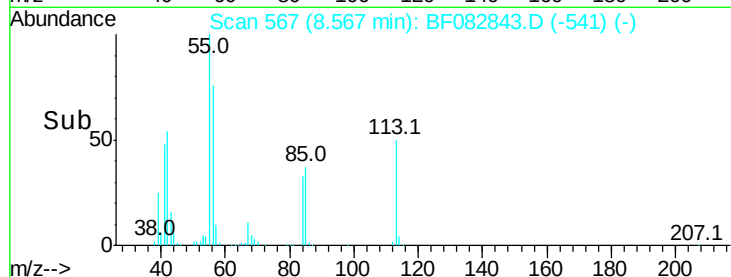
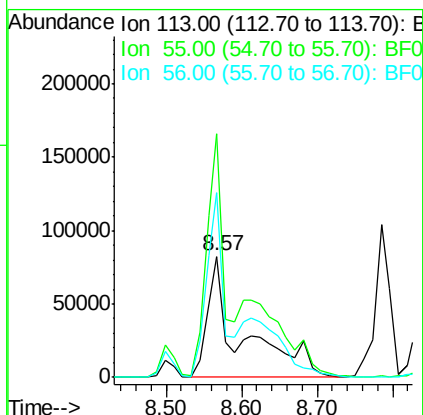
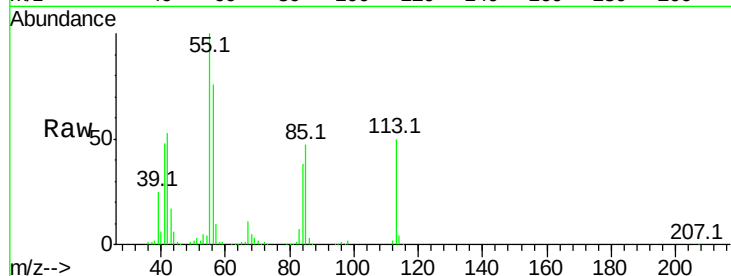
ClientSampleId :

D3MS

Tot Ion:	113	Resp:	255305
Ion Ratio	Lower	Upper	
113	100		
55	201.5	195.5	235.5
56	152.7	153.5	193.5#

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#36

4-Chloro-3-methylphenol

Concen: 43.70 ng/ml

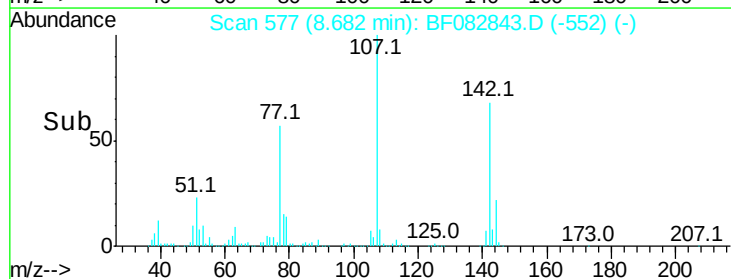
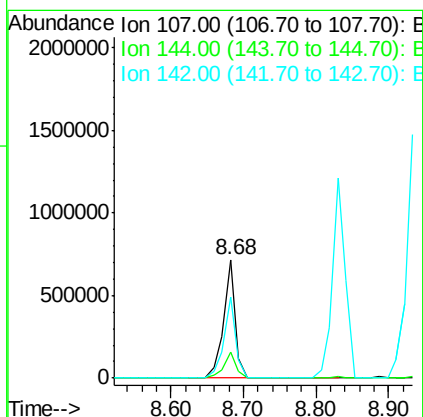
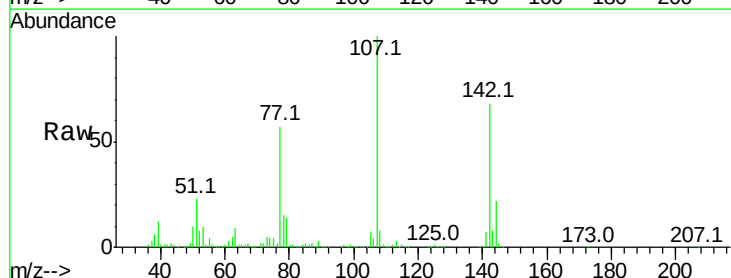
RT: 8.68 min Scan# 577

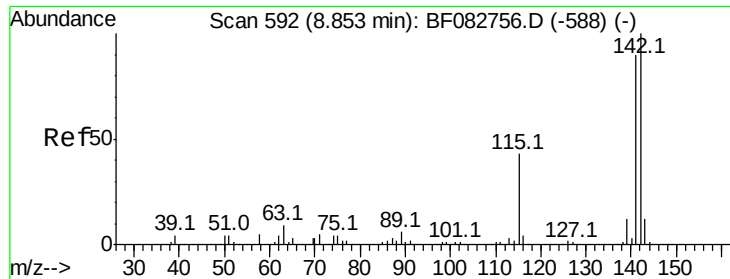
Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	107	Resp:	802123
Ion Ratio	Lower	Upper	
107	100		
144	21.9	15.4	23.0
142	68.5	47.8	71.8





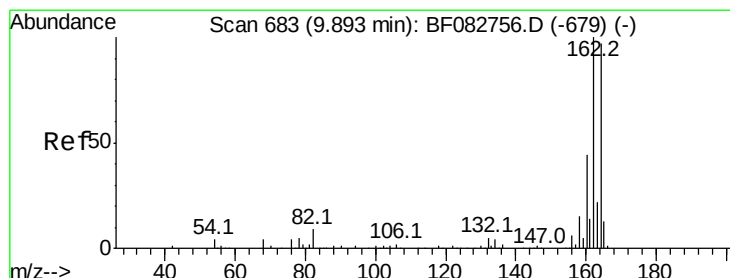
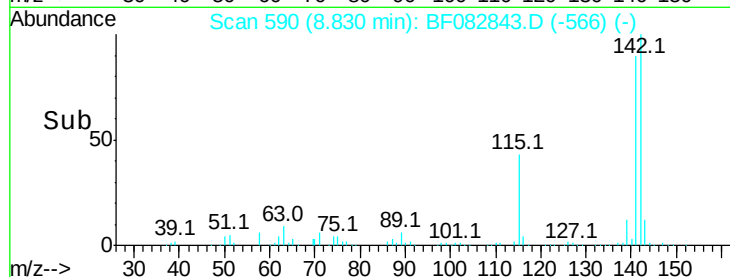
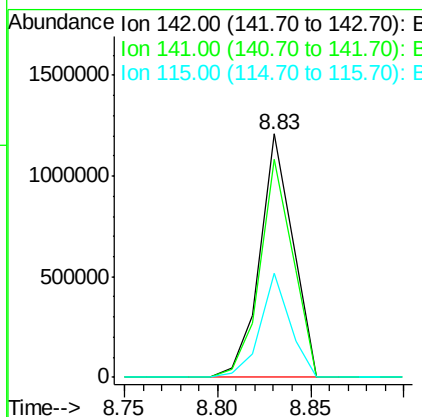
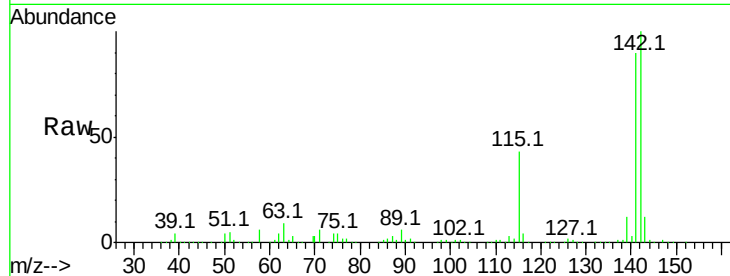
#37
2-Methylnaphthalene
Concen: 42.42 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion:142 Resp: 1483297
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5
115 42.9 38.1 57.1

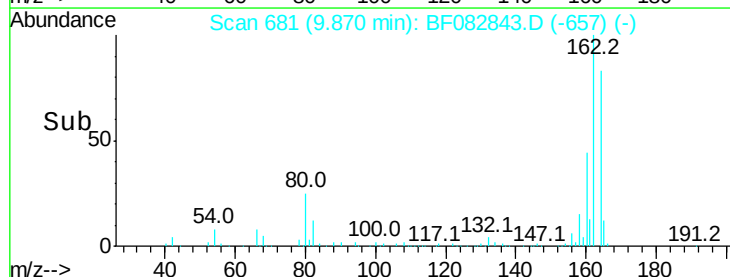
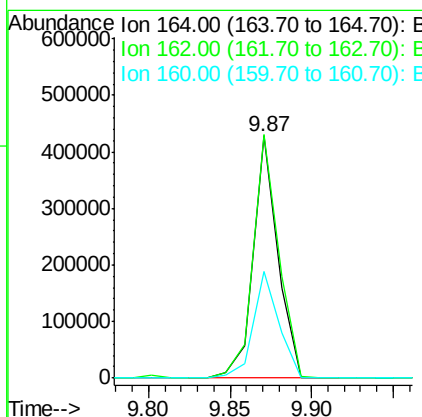
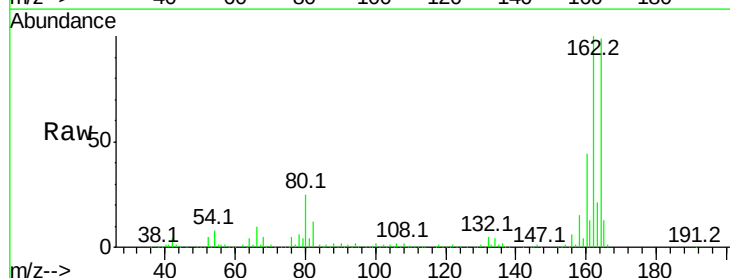
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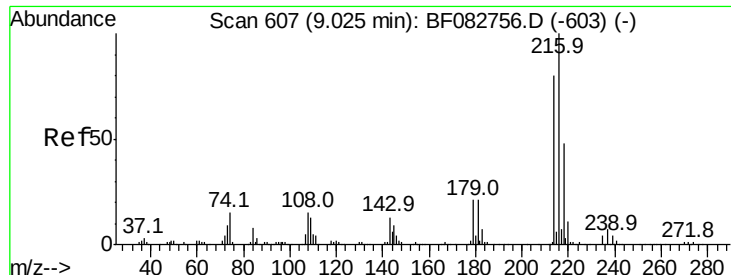
Mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:164 Resp: 449370
Ion Ratio Lower Upper
164 100
162 100.6 84.9 127.3
160 44.2 37.5 56.3





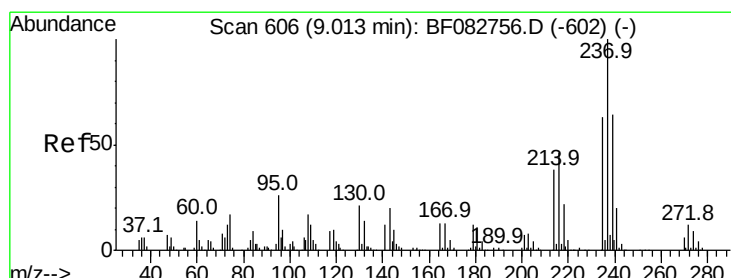
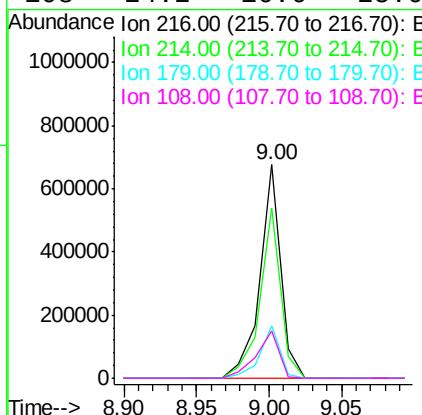
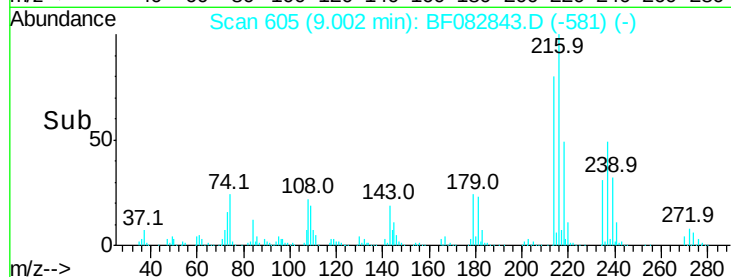
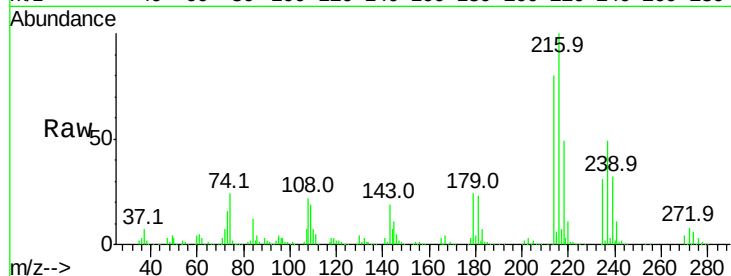
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.60 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	673336		
214	79.1	62.2	93.2	
179	23.2	18.1	27.1	
108	24.2	16.6	25.0	

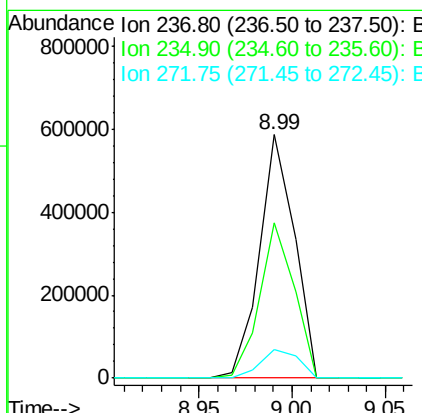
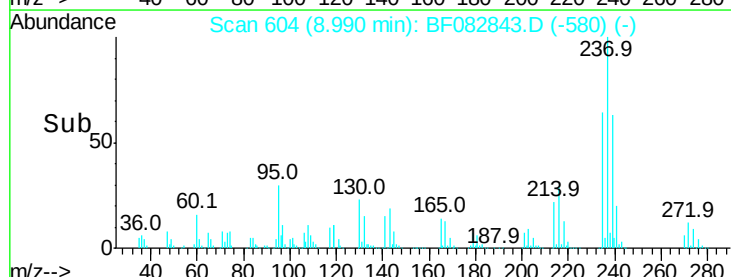
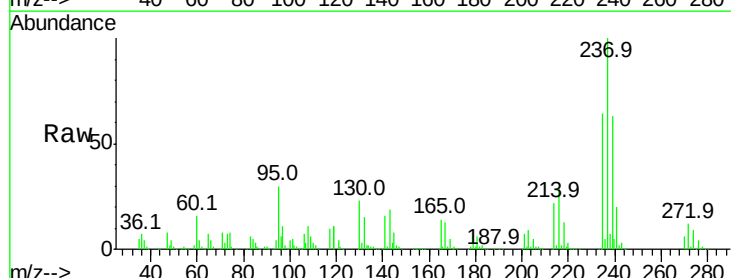
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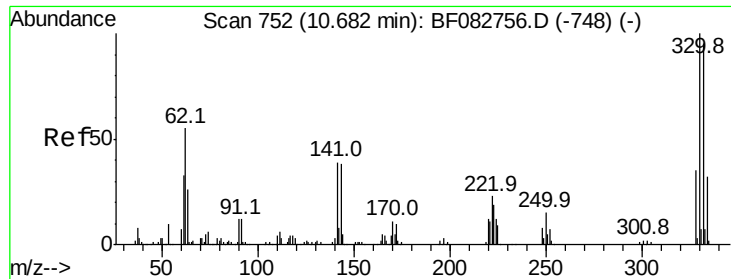
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#40
 Hexachlorocyclopentadiene
 Concen: 95.54 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	758006		
235	63.6	44.3	84.3	
272	11.9	0.0	31.9	





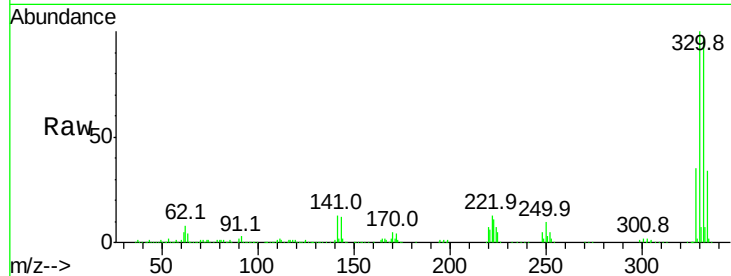
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

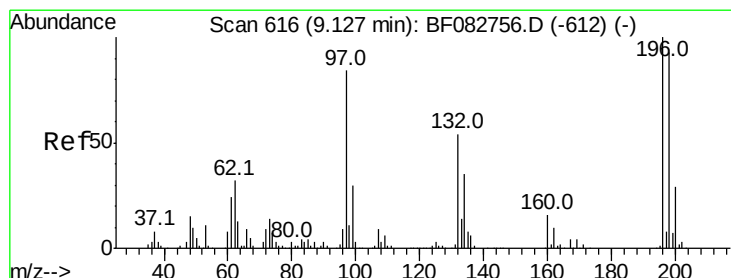
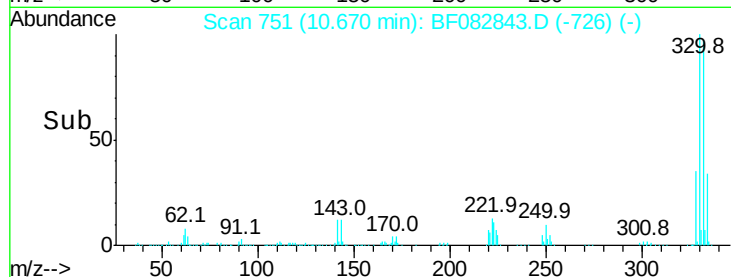
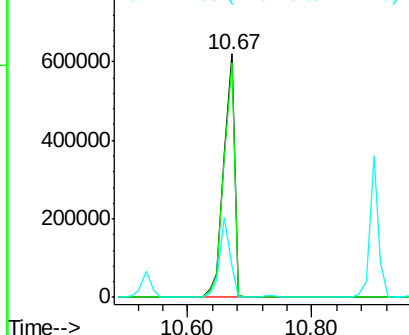
Tot Ion	Ratio	Resp	Lower	Upper
330	100	742335		
332	96.6	76.6	114.8	
141	31.7	41.2	61.8#	

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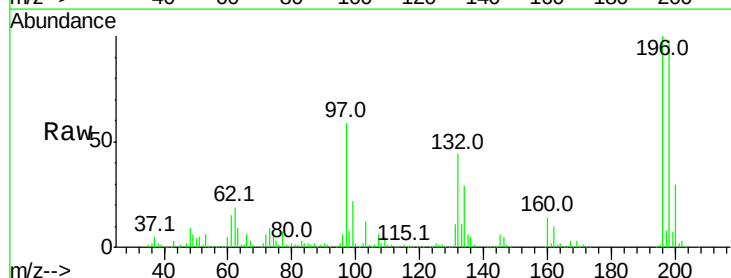


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

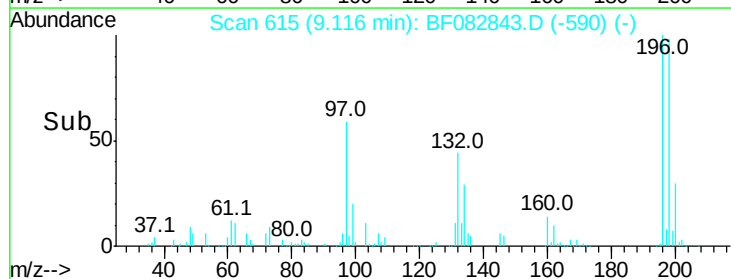
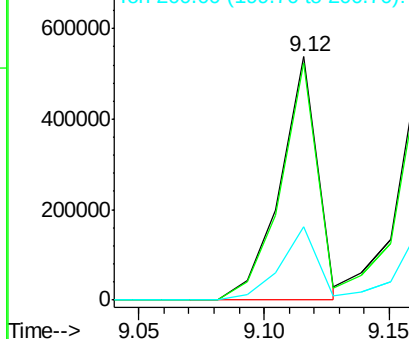


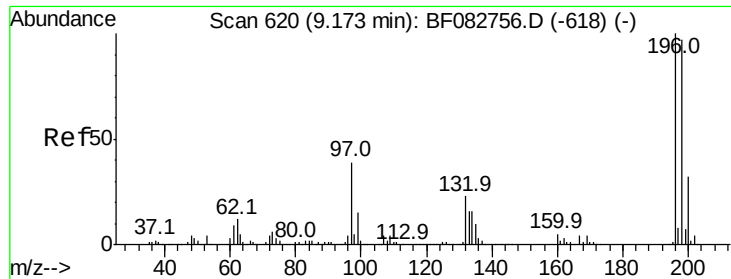
#42
 2,4,6-Trichlorophenol
 Concen: 50.43 ng m
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555899		
198	97.5	76.3	114.5	
200	30.1	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





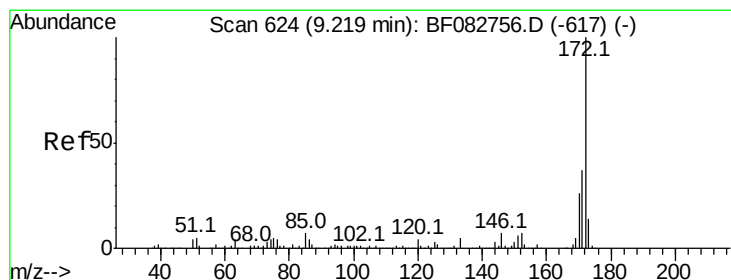
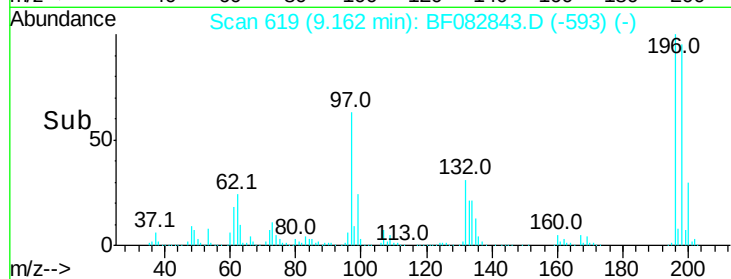
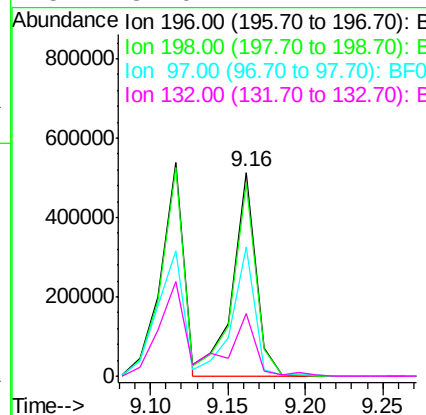
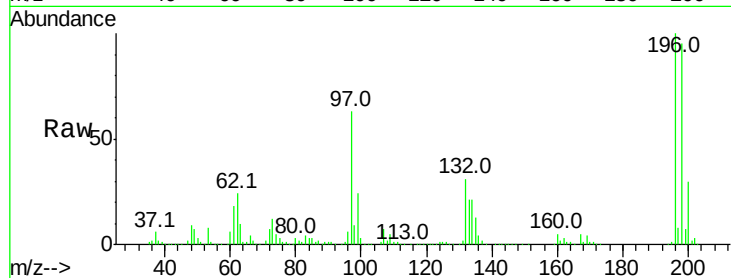
#43
 2,4,5-Trichlorophenol
 Concen: 49.35 ng/mL
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		538010		
198	94.6	75.8	113.8		
97	63.3	62.3	93.5		
132	31.0	27.4	41.2		

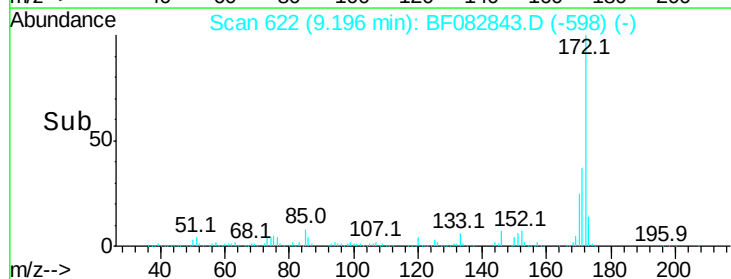
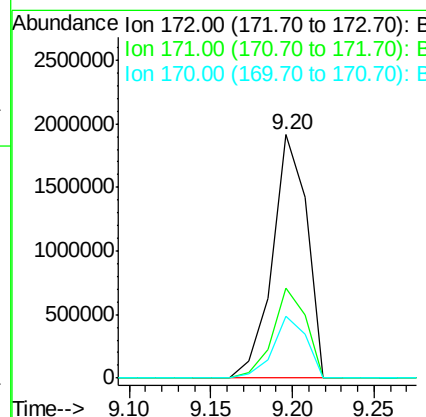
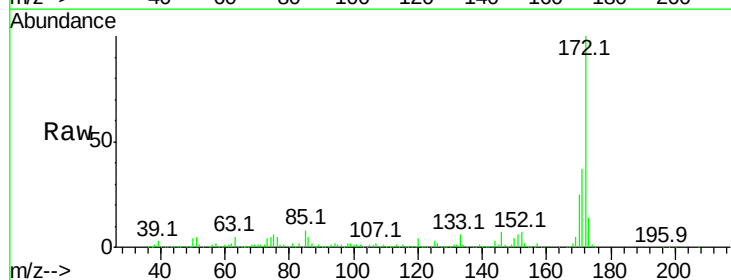
Manual Integrations
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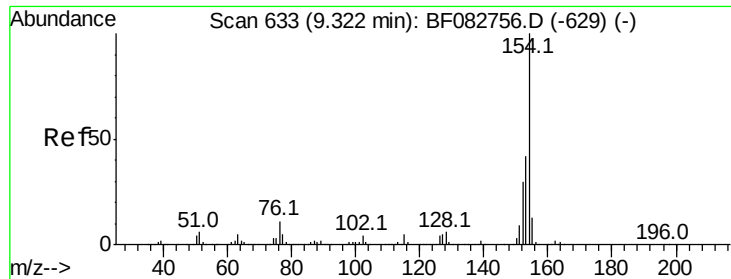
Mmdadoda
 11/10/2015 1:02:32 PM



#44
 2-Fluorobiphenyl
 Concen: 89.81 ng/mL
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2815832		
171	37.2	30.8	46.2		
170	25.2	21.2	31.8		





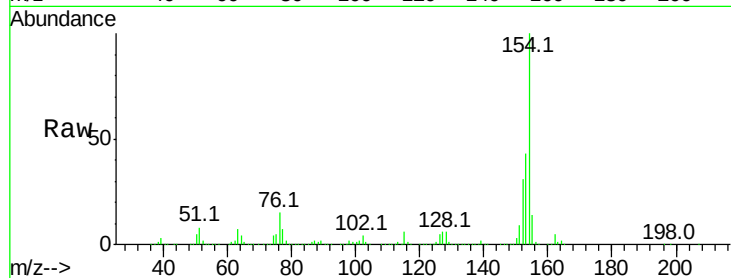
#45
1,1'-Biphenyl
Concen: 47.01 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.0	62.0
76	14.6	0.0	29.0

Manual Integrations
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Mmdadoda
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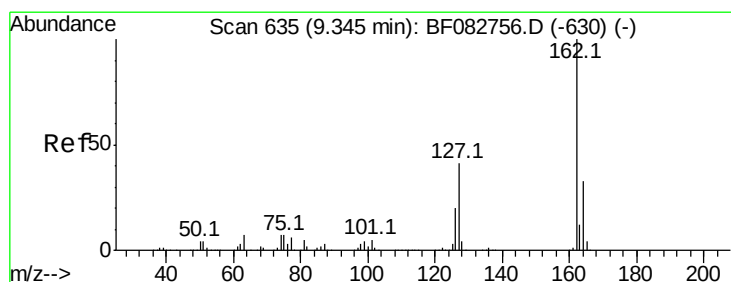
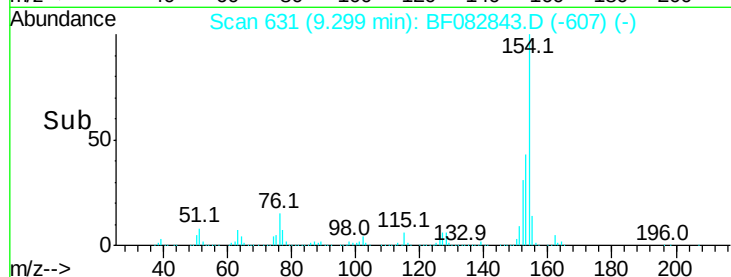
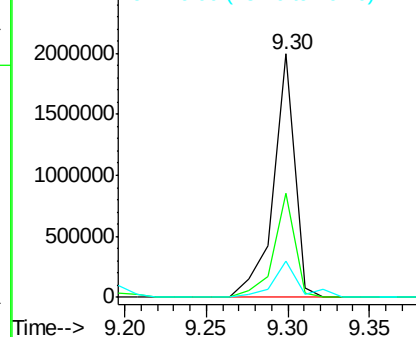


Abundance

Ion 154.00 (153.70 to 154.70): E

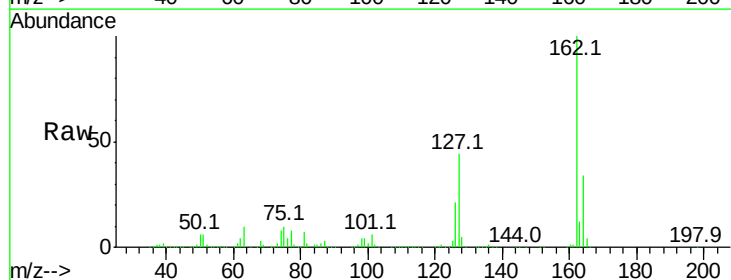
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 47.75 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	32.7	49.1
164	33.9	27.4	41.0

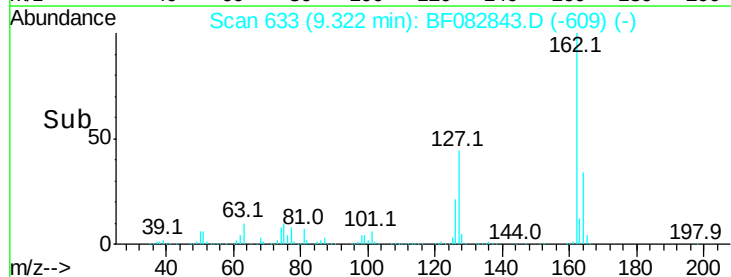
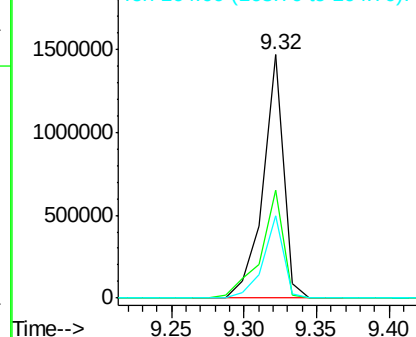


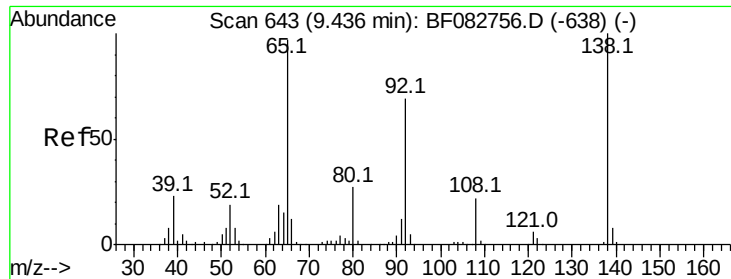
Abundance

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: 46.16 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion: 65 Resp: 514998

Ion Ratio Lower Upper

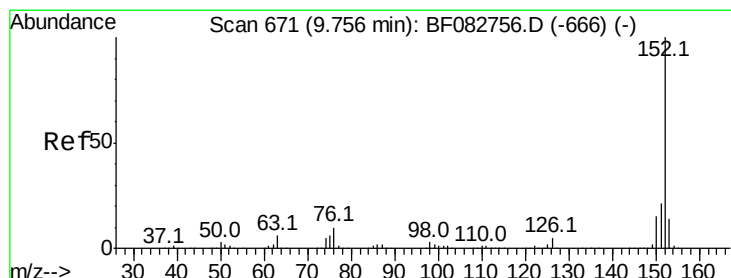
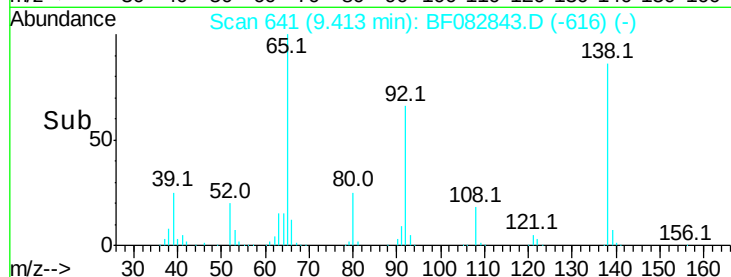
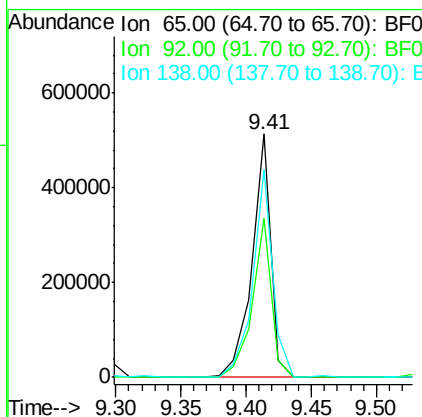
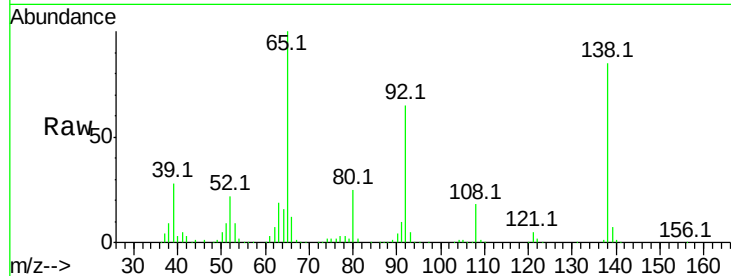
65 100

92 65.1 46.6 70.0

138 85.3 54.6 81.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 45.19 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

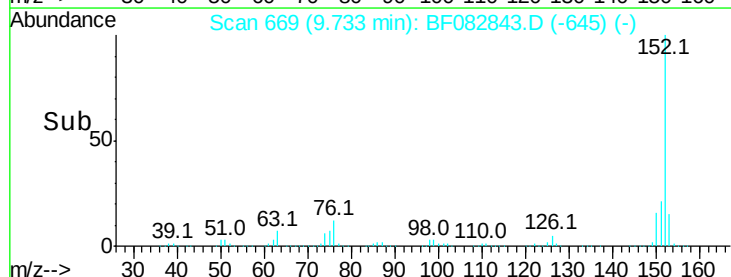
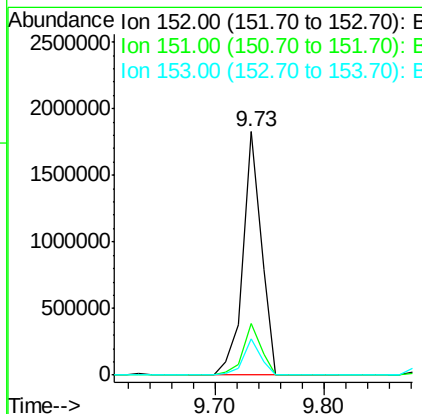
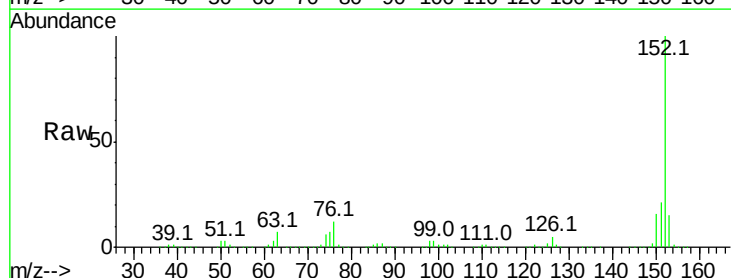
Tgt Ion: 152 Resp: 2130166

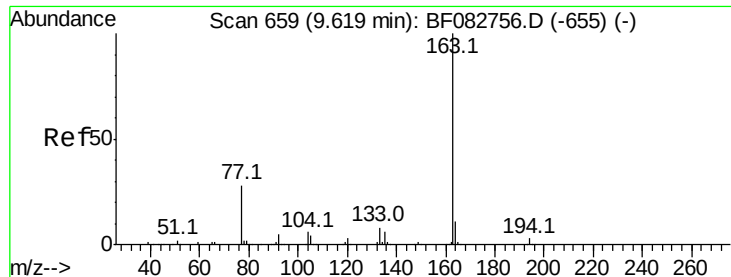
Ion Ratio Lower Upper

152 100

151 21.1 17.3 25.9

153 14.6 11.3 16.9





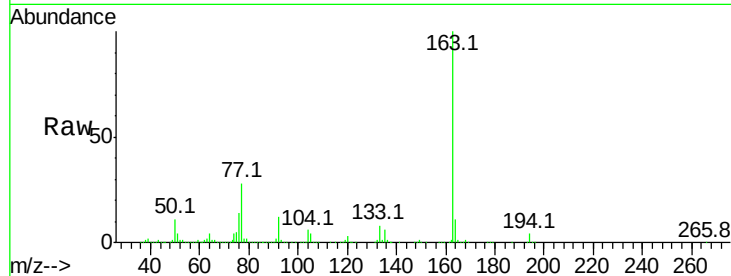
#49
Dimethylphthalate
Concen: 64.23 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	11.2	8.7	13.1

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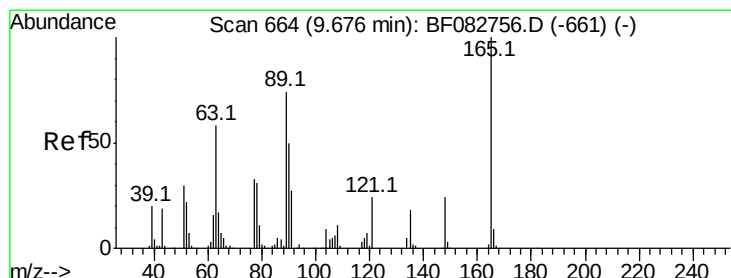
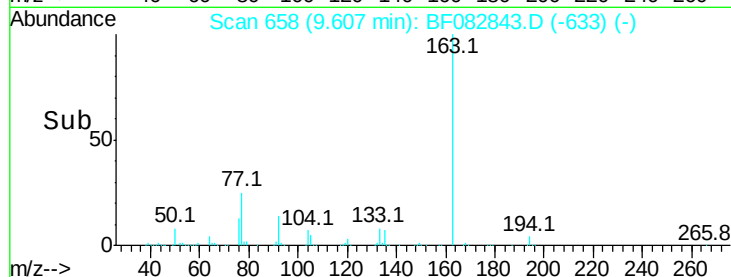
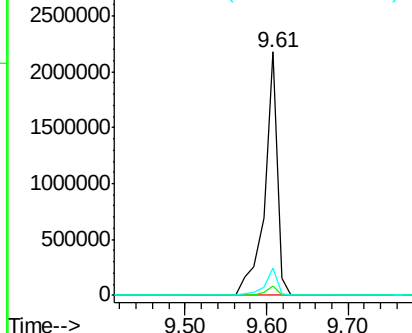


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 56.79 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

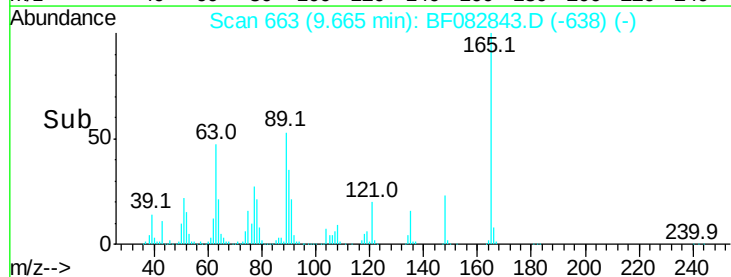
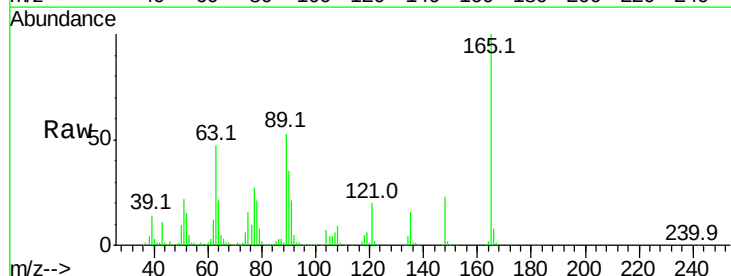
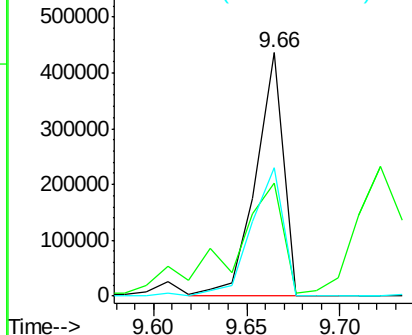
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	55.5	83.3#
89	52.6	55.0	82.6#

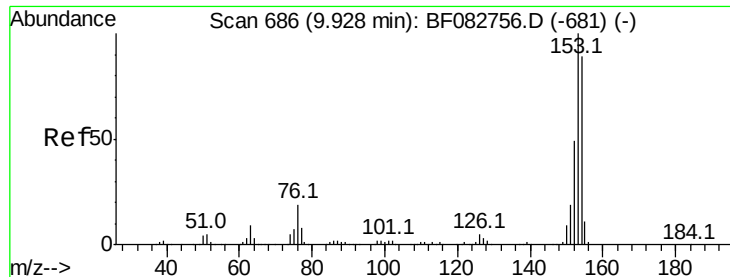
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.10 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:154 Resp: 1407186

Ion Ratio Lower Upper

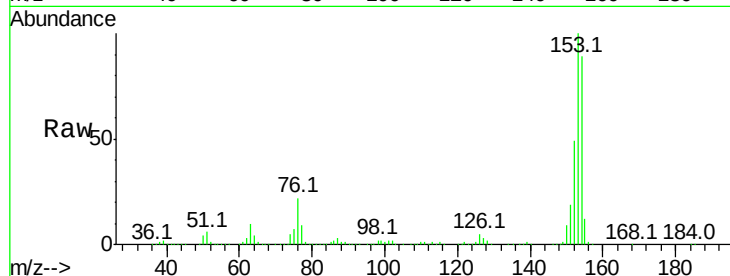
154 100

153 112.3 90.1 135.1

152 55.1 44.3 66.5

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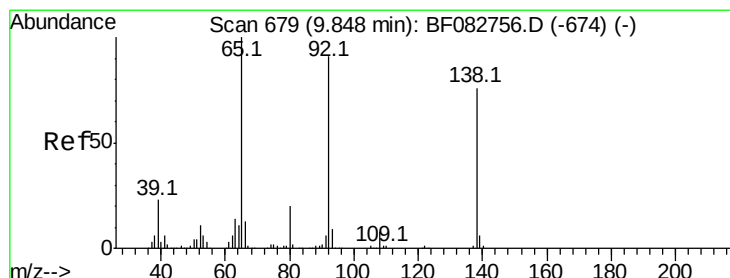
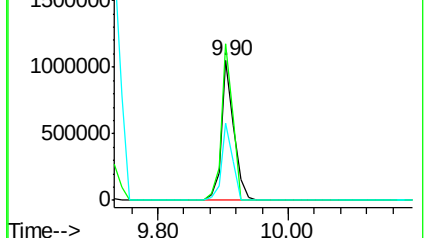
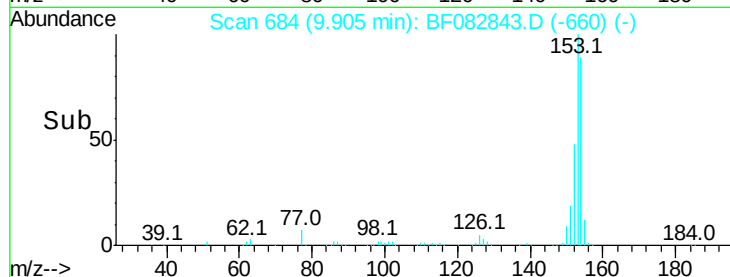
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

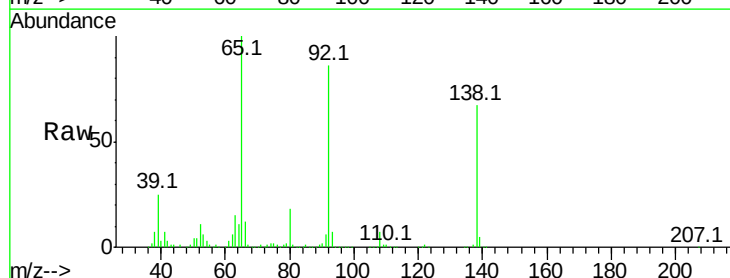
Tgt Ion:138 Resp: 284337

Ion Ratio Lower Upper

138 100

108 10.9 11.3 16.9#

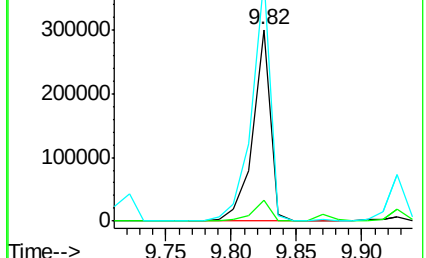
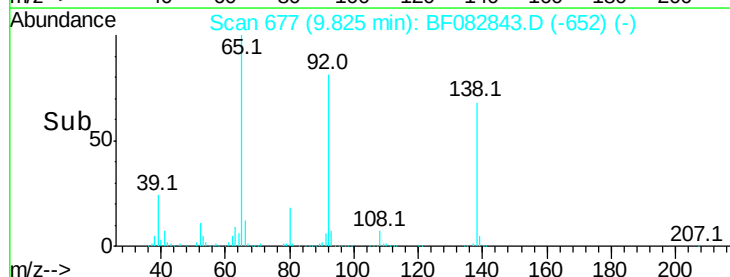
92 127.0 122.4 183.6

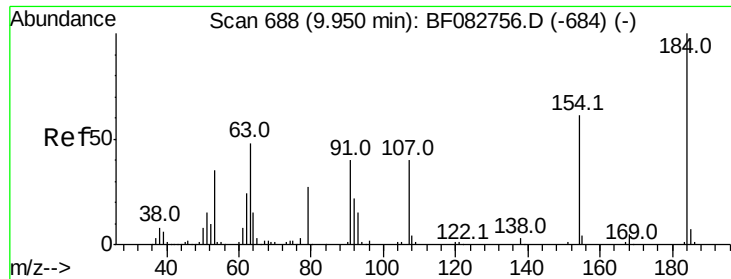


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





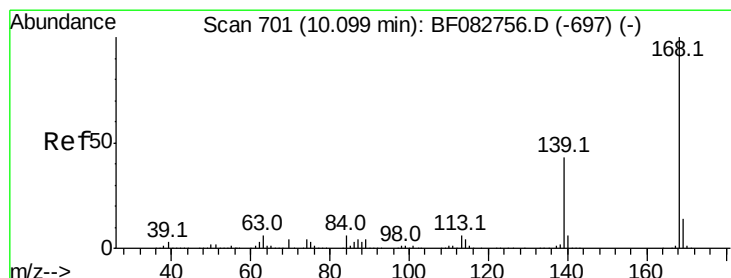
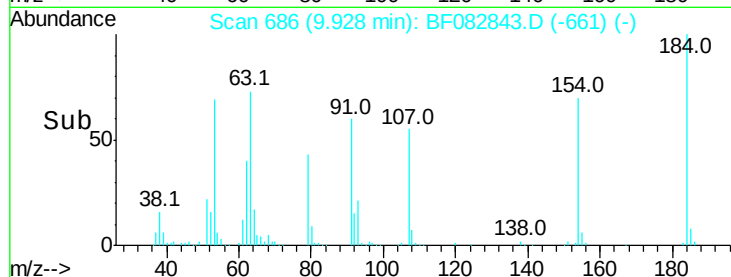
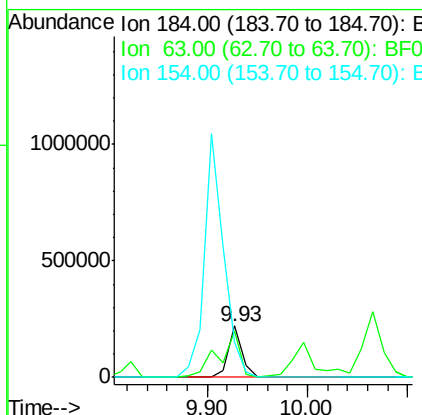
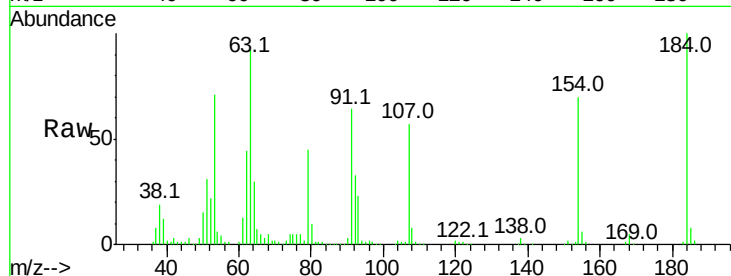
#53
 2,4-Dinitrophenol
 Concen: 50.01 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	215720		
63	91.9	98.6	148.0#	
154	69.5	183.9	275.9#	

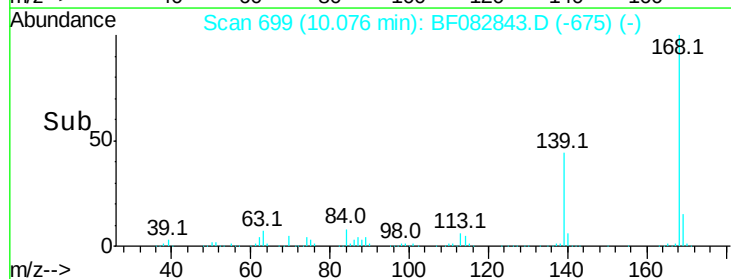
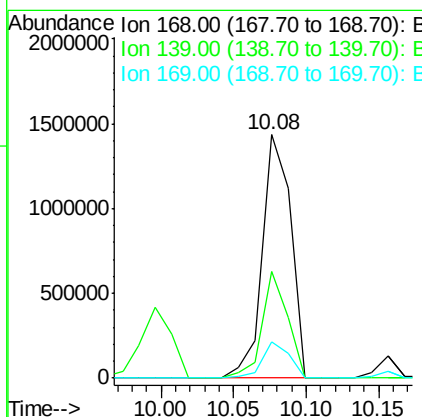
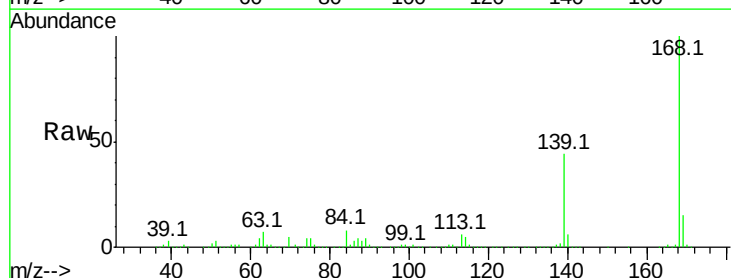
Manual Integrations
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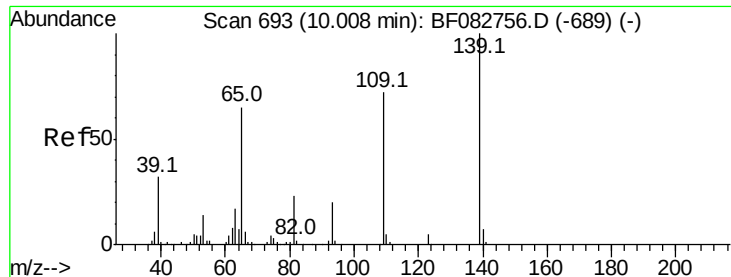
Mmdadoda
 11/10/2015 1:02:32 PM



#54
 Dibenzofuran
 Concen: 48.47 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1952488		
139	43.6	37.8	56.6	
169	14.8	11.3	16.9	





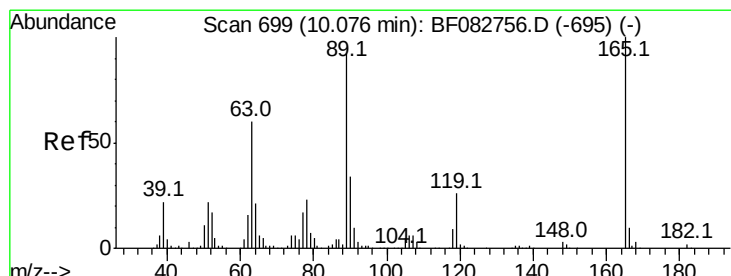
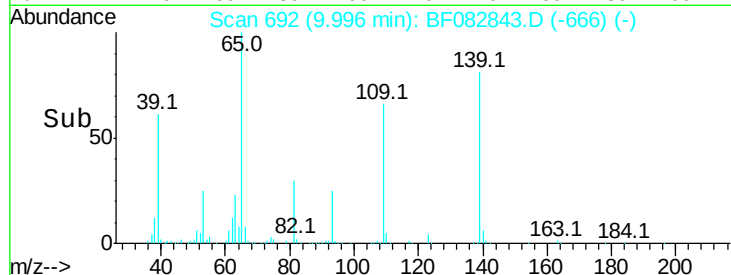
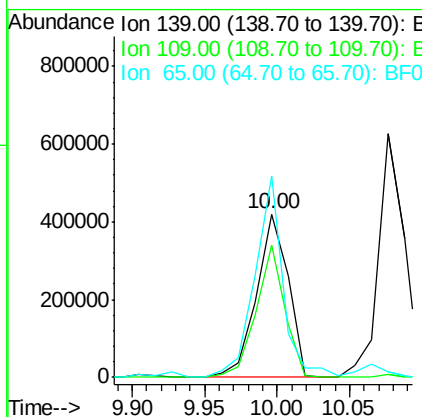
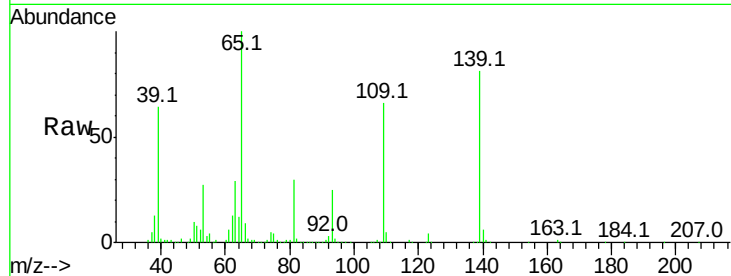
#55
4-Nitrophenol
Concen: 96.69 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	640870		
109	81.4	73.7	113.7	
65	123.3	82.9	122.9	

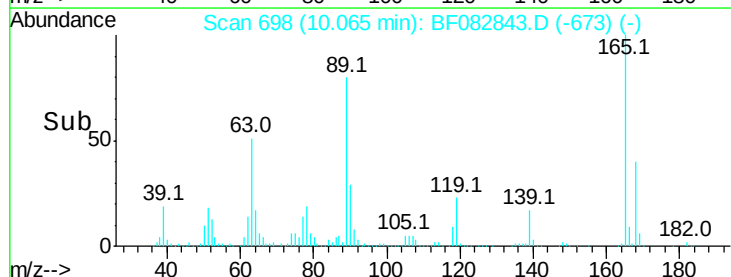
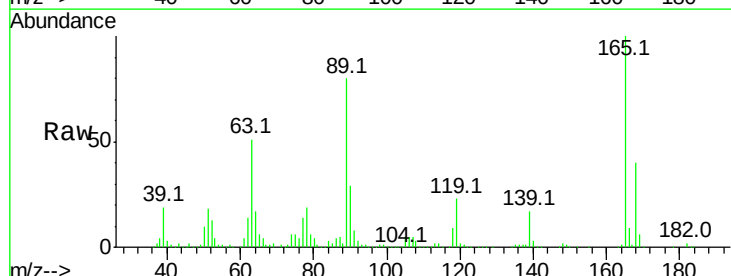
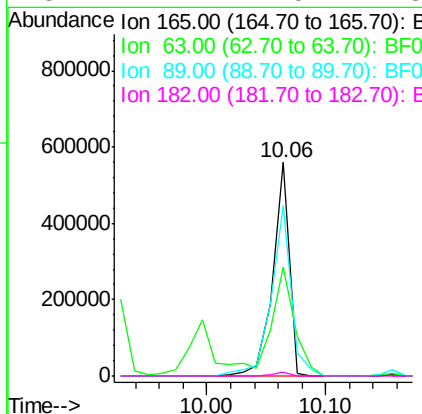
Manual Integrations
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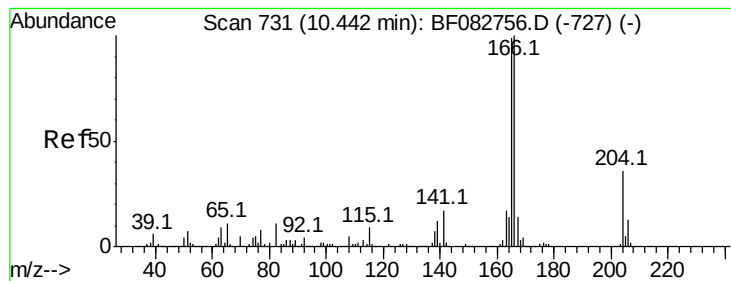
Mmdadoda
11/10/2015 1:02:32 PM



#56
2,4-Dinitrotoluene
Concen: 51.16 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	545275		
63	50.9	43.4	65.0	
89	79.9	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 42.19 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:166 Resp: 1376221

Ion Ratio Lower Upper

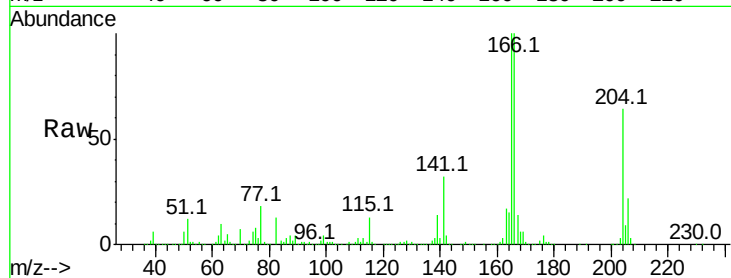
166 100

165 99.8 80.2 120.4

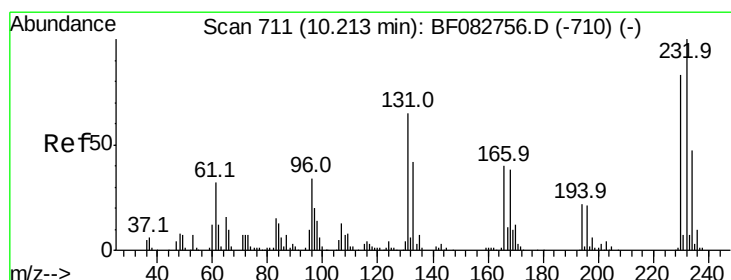
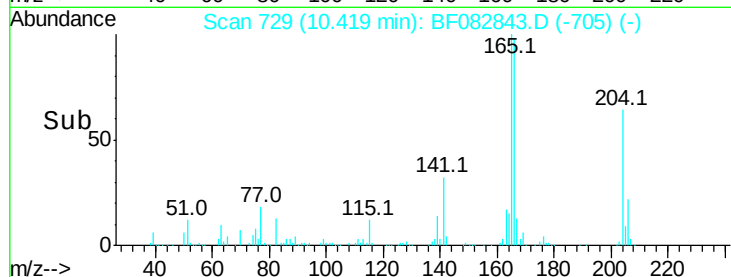
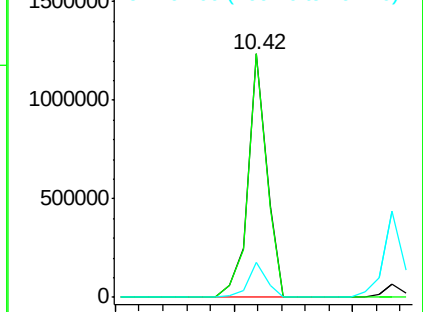
167 14.2 11.2 16.8

Manual Integrations
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11/10/2015 1:02:32 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.33 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:232 Resp: 465655

Ion Ratio Lower Upper

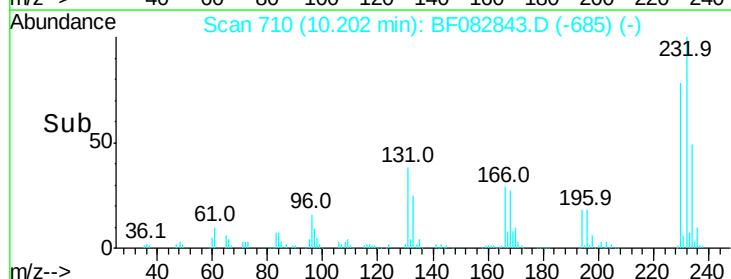
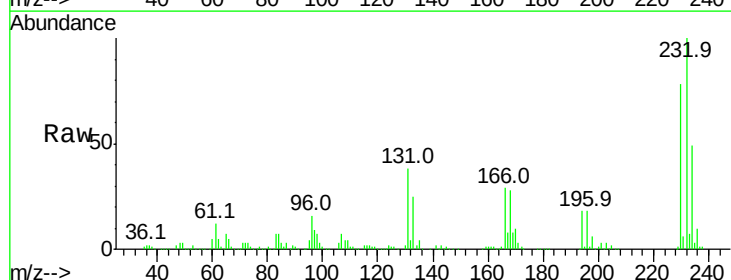
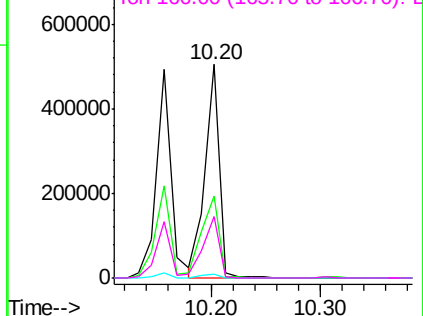
232 100

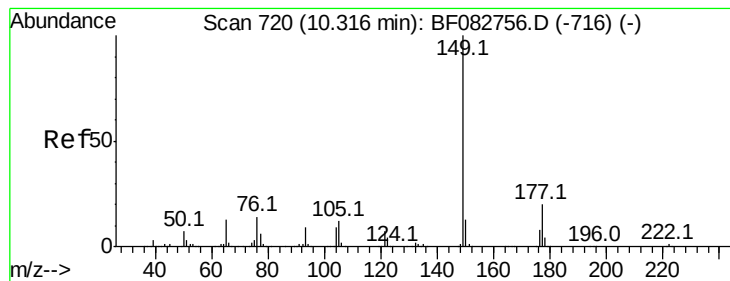
131 45.6 46.2 69.2#

130 2.1 2.4 3.6#

166 30.9 28.2 42.2

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





#59

Diethylphthalate

Concen: 45.42 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:149 Resp: 1632574

Ion Ratio Lower Upper

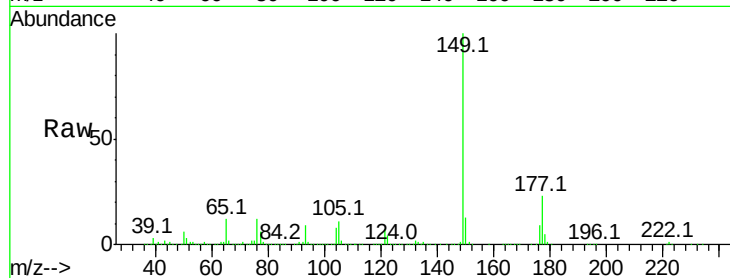
149 100

177 22.9 17.9 26.9

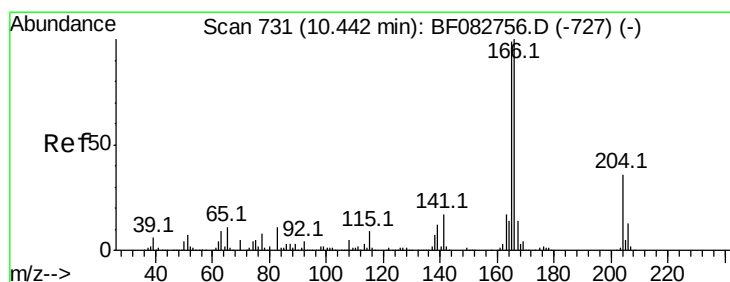
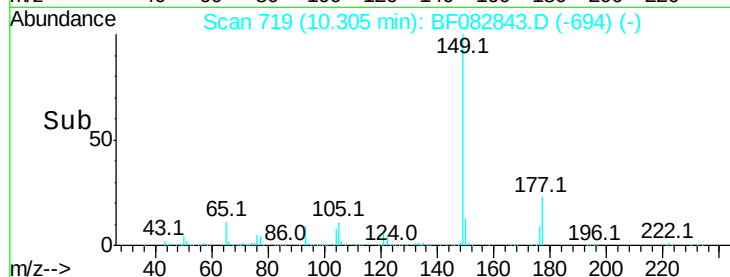
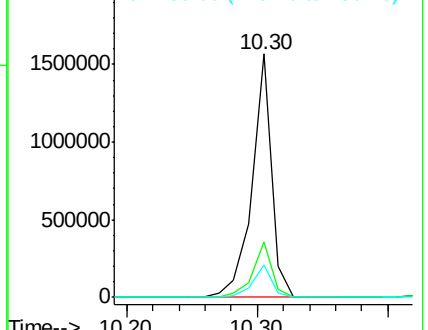
150 13.4 10.1 15.1

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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: 48.69 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

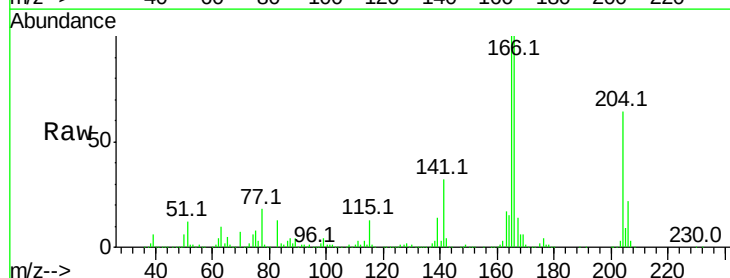
Tgt Ion:204 Resp: 794743

Ion Ratio Lower Upper

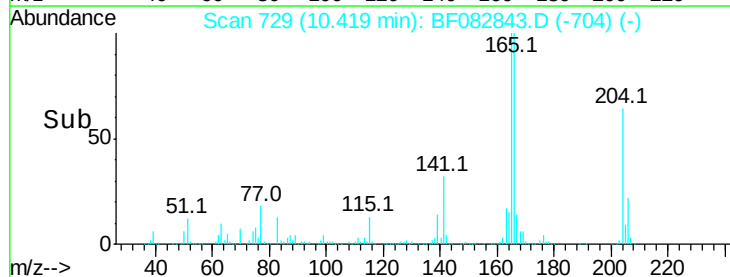
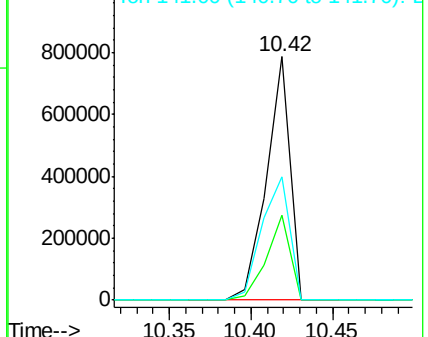
204 100

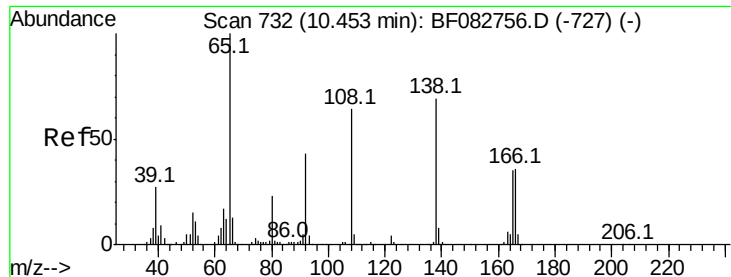
206 34.8 28.5 42.7

141 50.4 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: 44.26 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:138 Resp: 384547

Ion Ratio Lower Upper

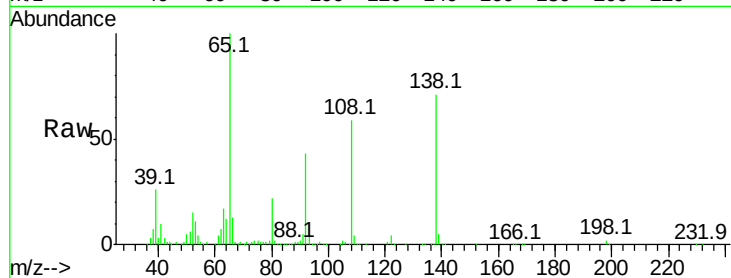
138 100

92 60.4 45.8 85.8

108 82.3 89.4 129.4#

Manual Integrations
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11/10/2015 1:02:32 PM

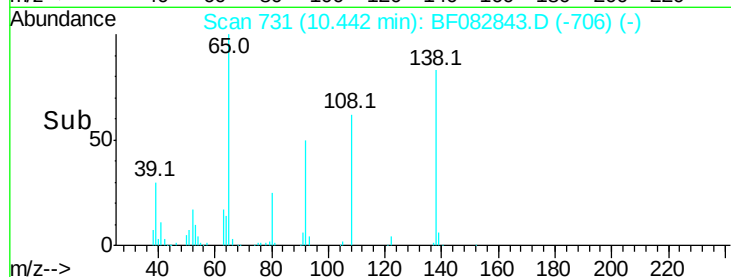


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



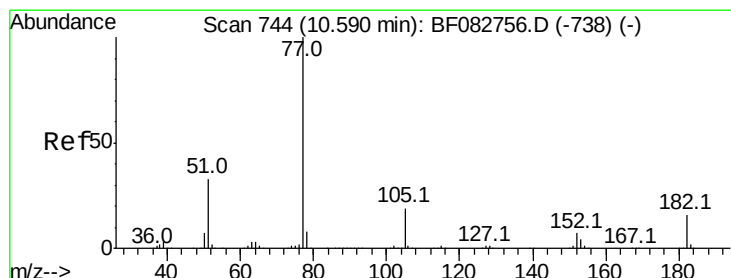
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



#62

Azobenzene

Concen: 53.80 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion: 77 Resp: 2077328

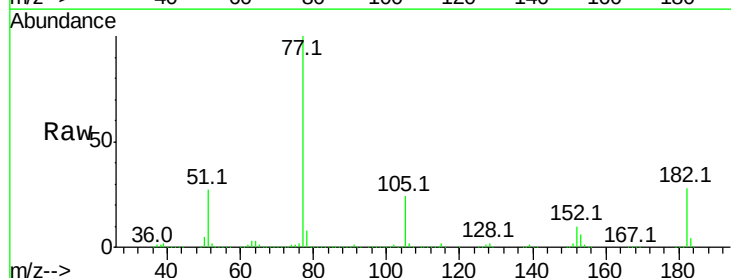
Ion Ratio Lower Upper

77 100

182 27.9 9.3 49.3

105 23.9 2.6 42.6

51 26.7 9.9 49.9



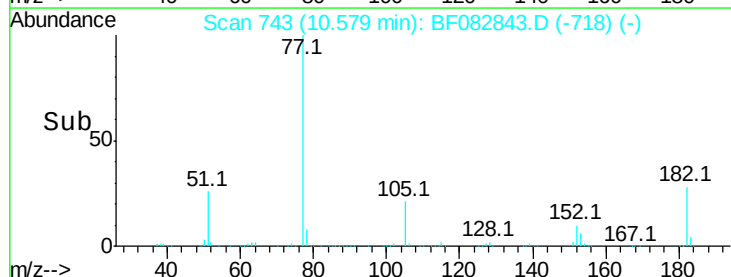
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



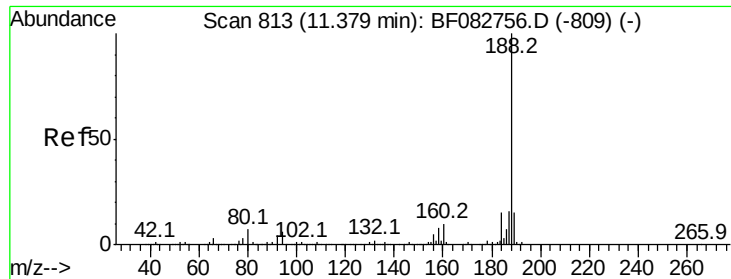
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

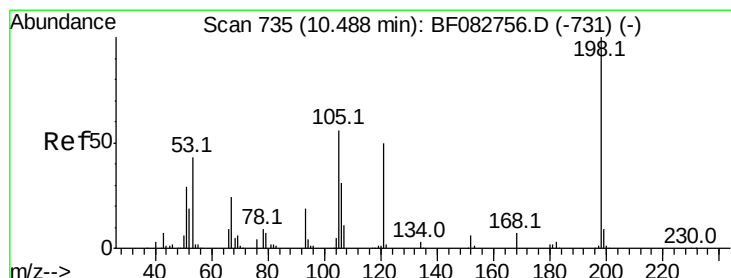
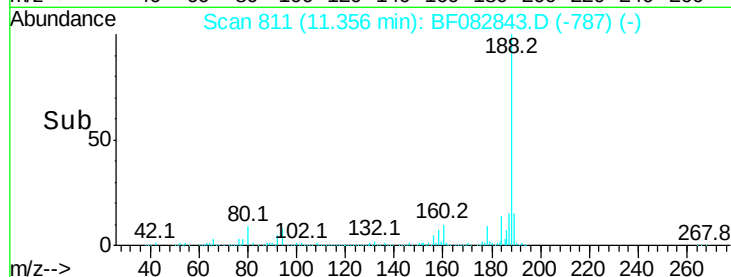
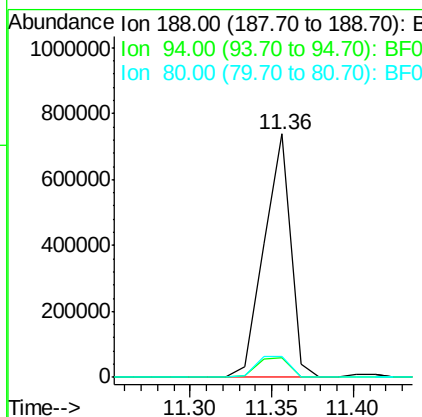
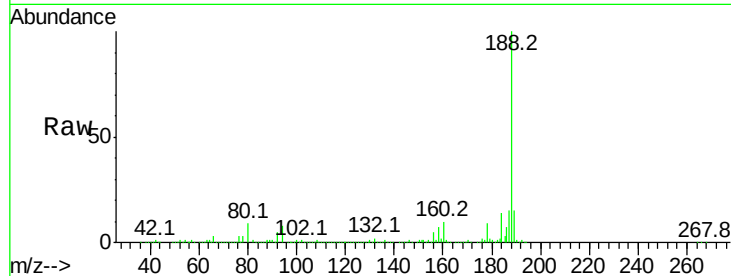
ClientSampled :

D3MS

Tot Ion:	188	Resp:	836878
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.1	9.1
80	8.6	7.0	10.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 54.20 ng

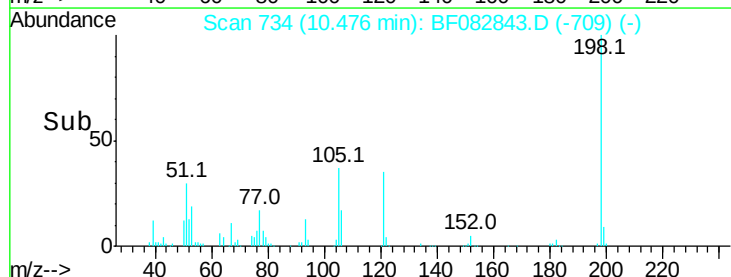
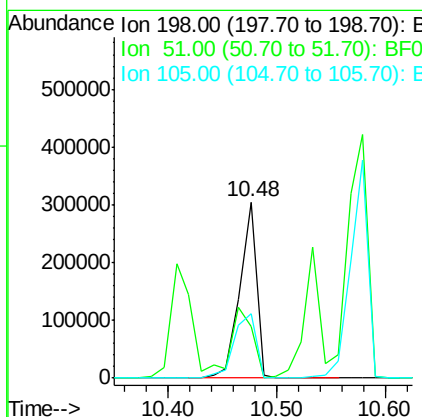
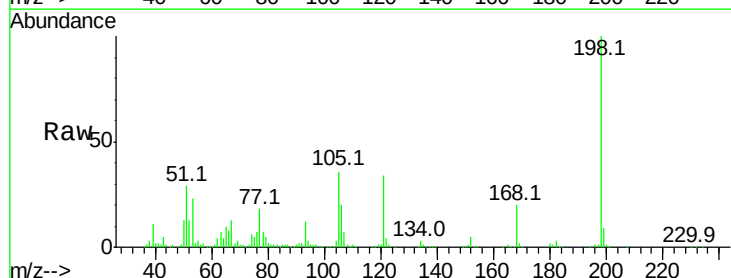
RT: 10.48 min Scan# 734

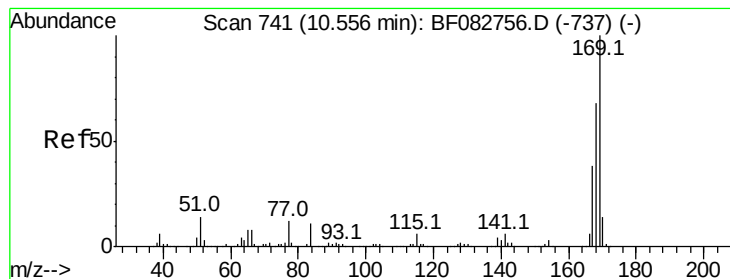
Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	198	Resp:	323128
Ion Ratio	Lower	Upper	
198	100		
51	29.2	17.3	57.3
105	36.3	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 43.30 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:169 Resp: 1309146

Ion Ratio Lower Upper

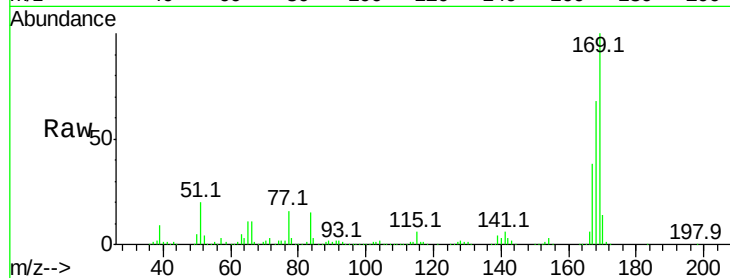
169 100

168 67.5 55.0 82.6

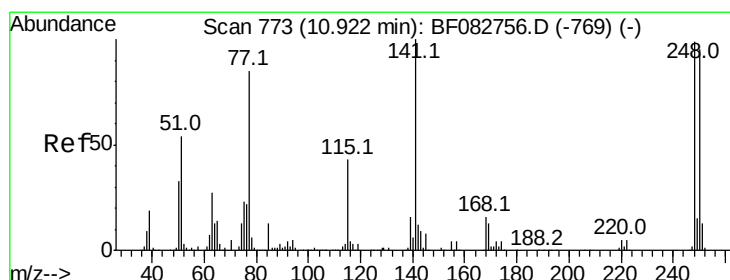
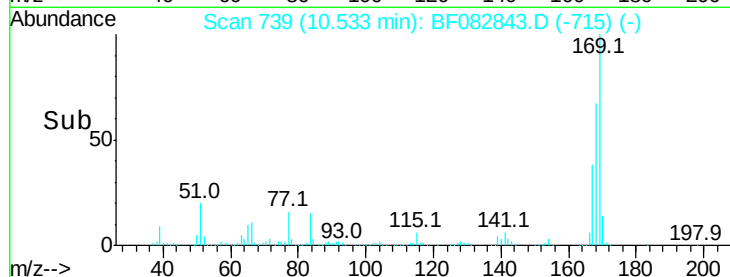
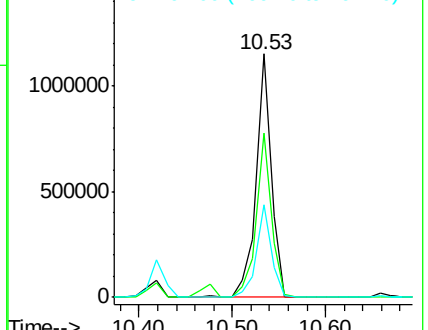
167 38.1 30.5 45.7

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



#66

4-Bromophenyl-phenylether

Concen: 43.76 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

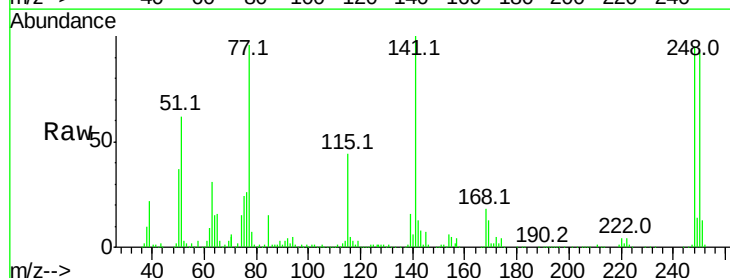
Tgt Ion:248 Resp: 440988

Ion Ratio Lower Upper

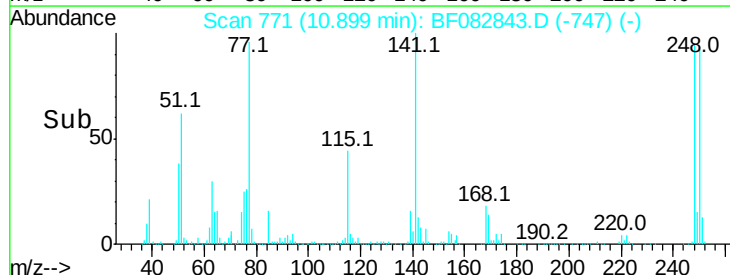
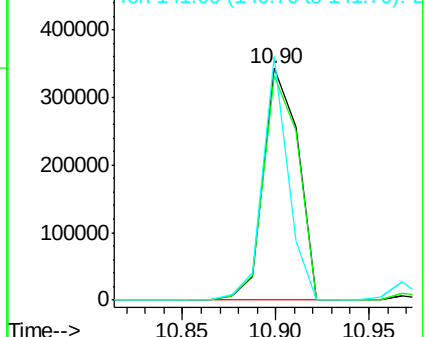
248 100

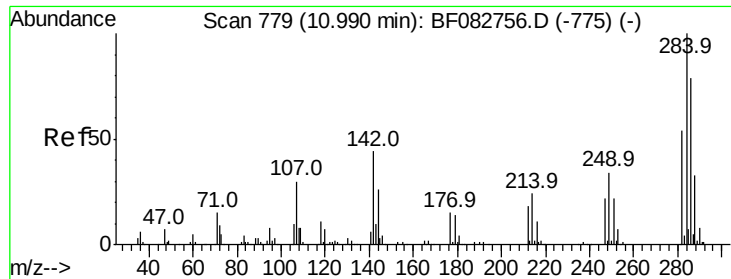
250 96.7 79.4 119.2

141 105.2 36.3 54.5#



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





#67

Hexachlorobenzene

Concen: 45.74 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

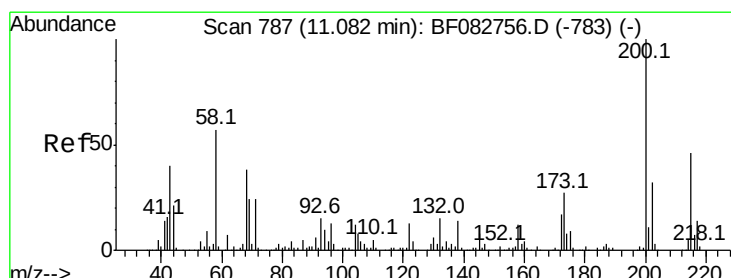
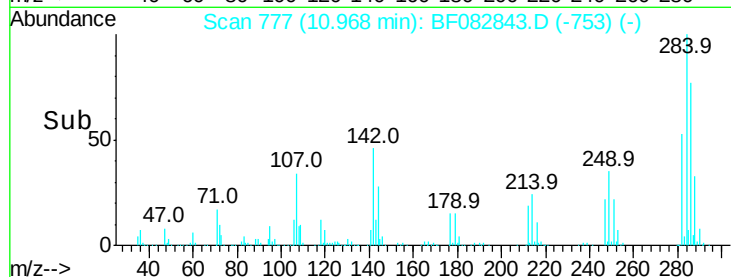
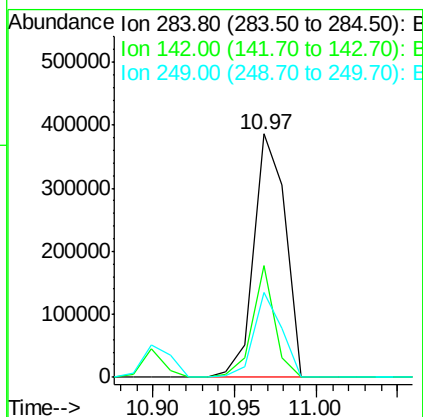
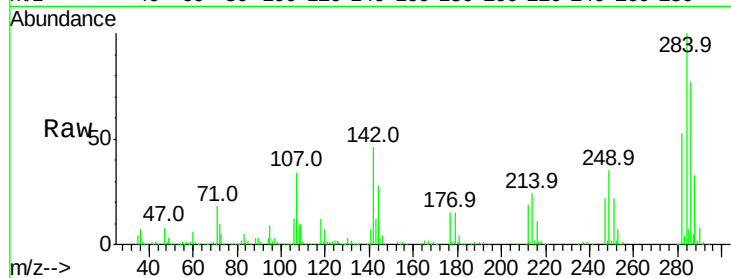
ClientSampleId :

D3MS

Tot Ion:	284	Resp:	514623
Ion Ratio		Lower	Upper
284	100		
142	46.2	47.9	71.9#
249	34.9	29.7	44.5

Manual Integrations
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11/10/2015 1:02:32 PM



#68

Atrazine

Concen: 53.74 ng

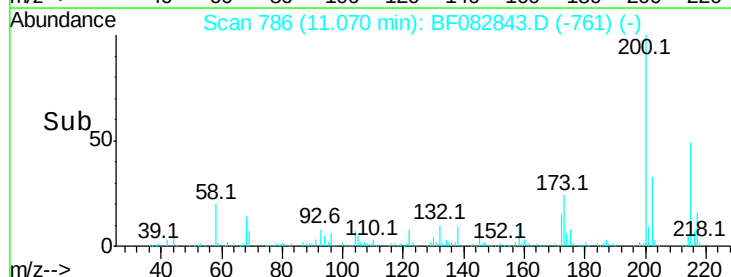
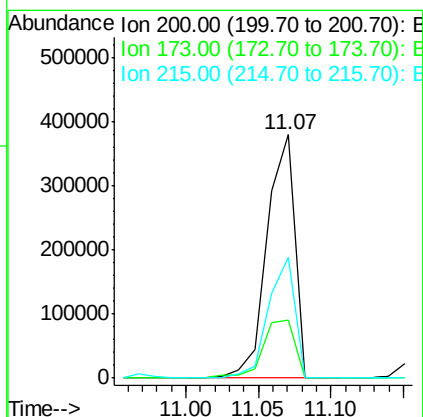
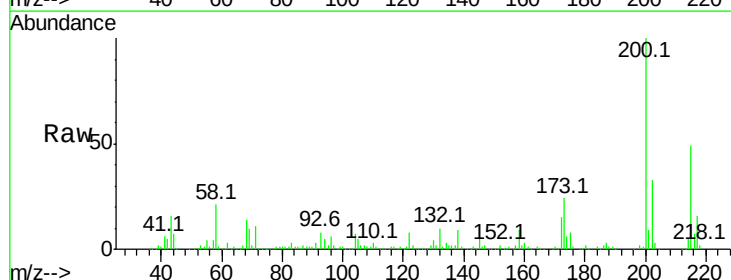
RT: 11.07 min Scan# 786

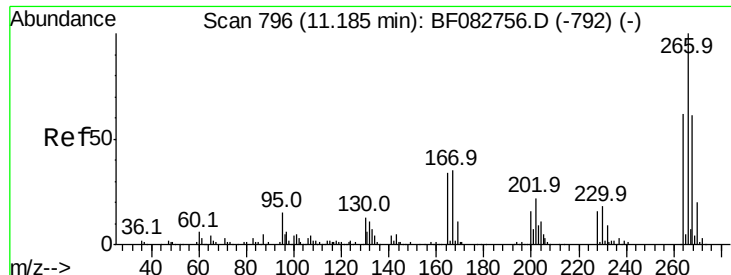
Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	200	Resp:	502456
Ion Ratio		Lower	Upper
200	100		
173	23.8	6.9	46.9
215	49.5	22.9	62.9





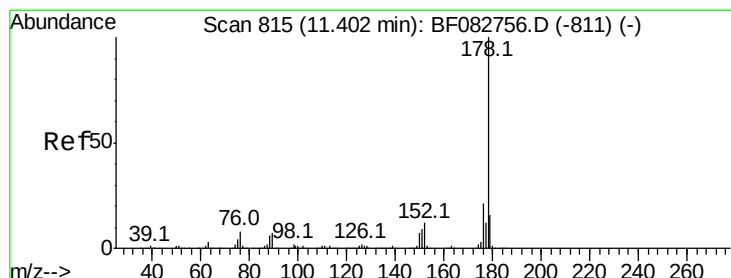
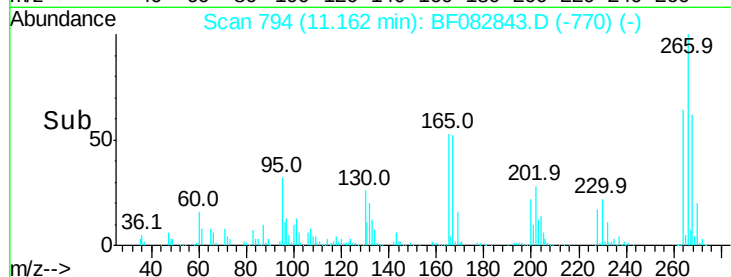
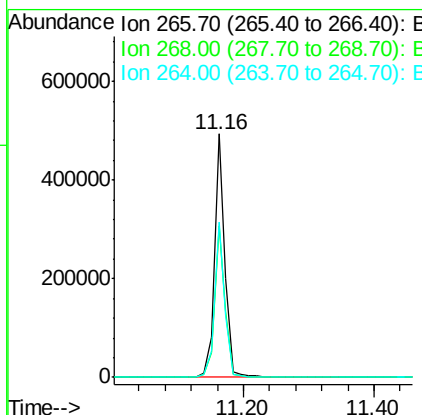
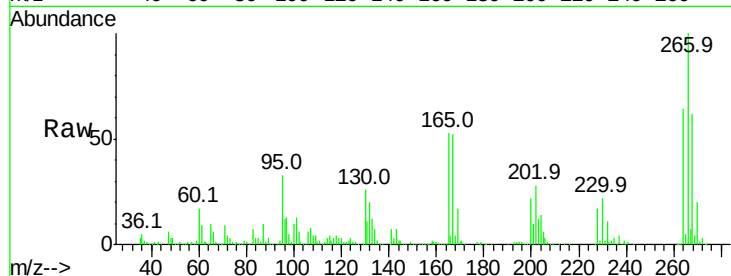
#69
 Pentachlorophenol
 Concen: 82.18 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	561520		
268	62.4		51.0	76.6
264	63.6		50.6	75.8

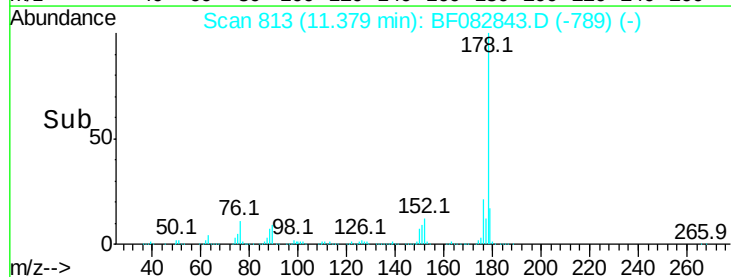
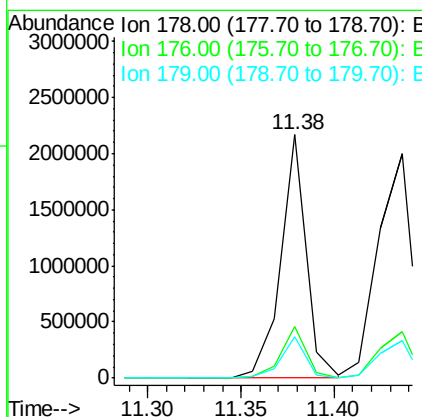
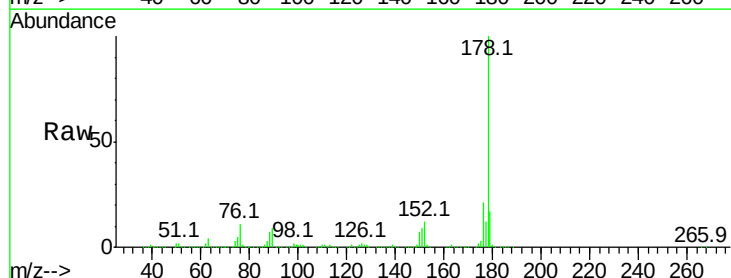
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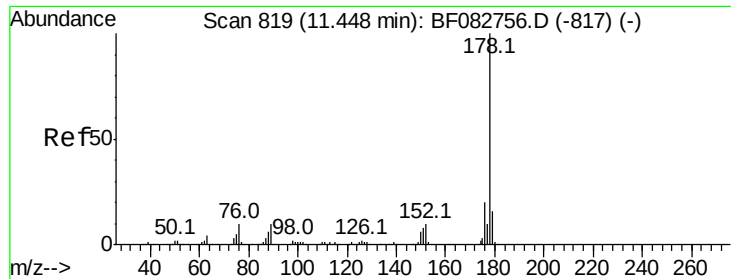
Mmdadoda
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#70
 Phenanthrene
 Concen: 42.79 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2079571		
176	21.4		17.0	25.4
179	17.0		13.4	20.0





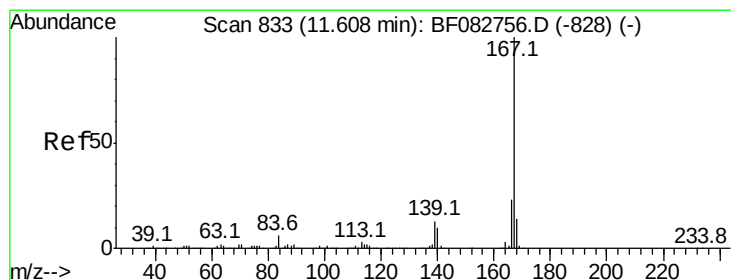
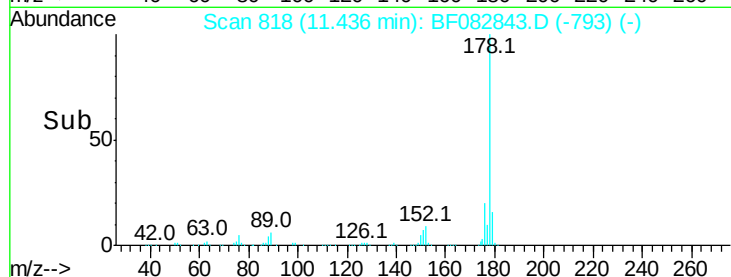
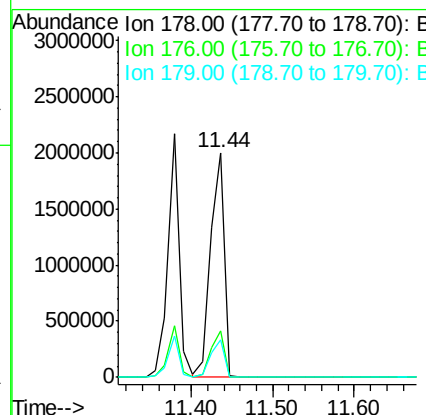
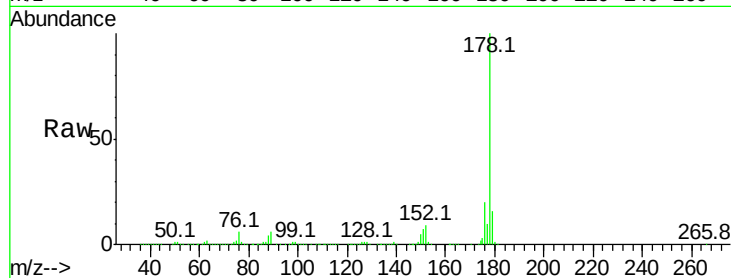
#71
 Anthracene
 Concen: 46.95 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion:178 Resp: 2403564
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 16.5 13.2 19.8

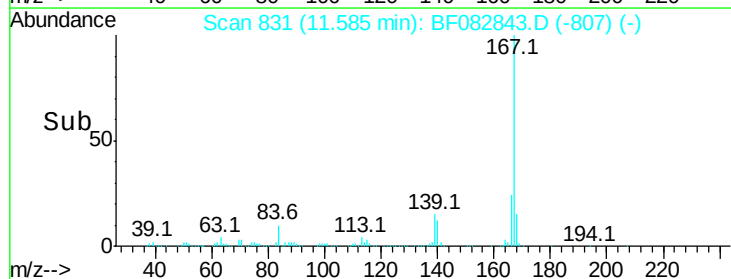
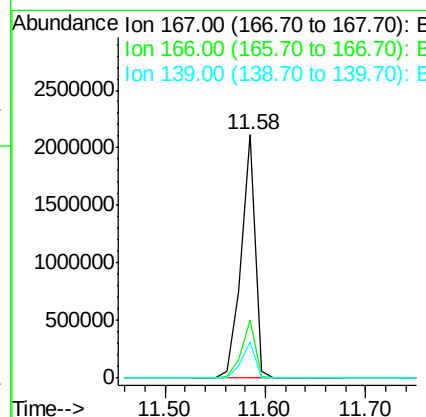
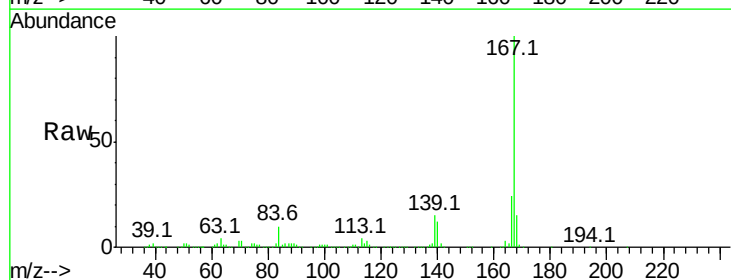
Manual Integrations
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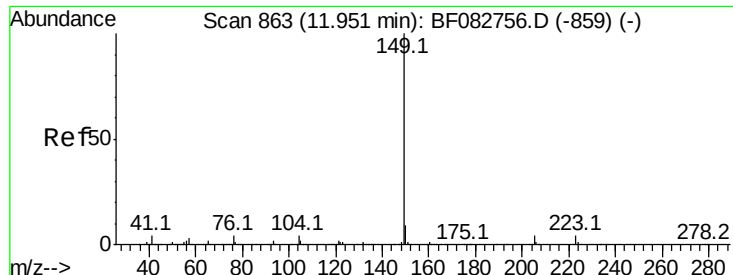
Mmdadoda
 11/10/2015 1:02:32 PM



#72
 Carbazole
 Concen: 46.09 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:167 Resp: 2065415
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.7 28.1
 139 14.9 11.8 17.6





#73

Di-n-butylphthalate

Concen: 46.20 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

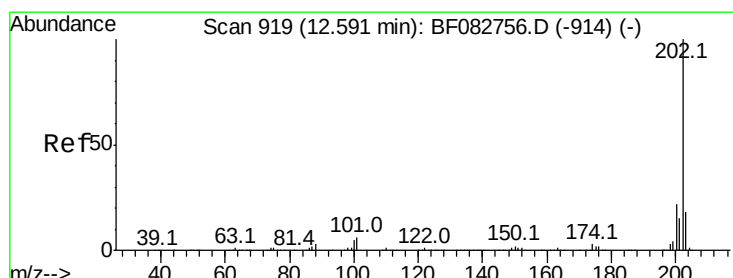
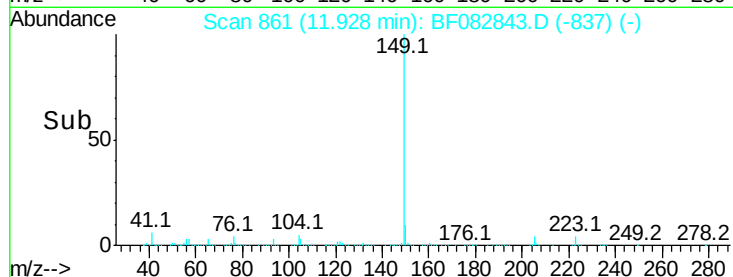
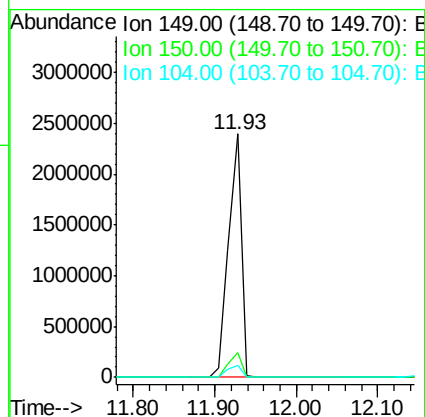
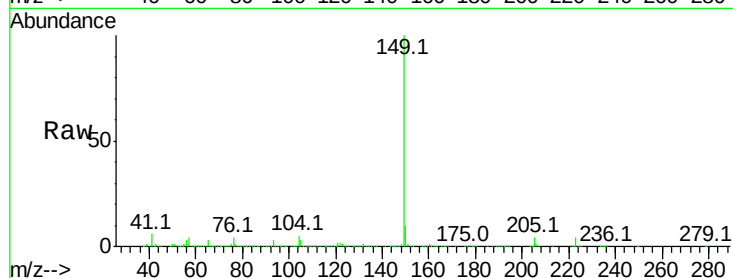
ClientSampleId :

D3MS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.9	5.2	7.8



#74

Fluoranthene

Concen: 46.60 ng

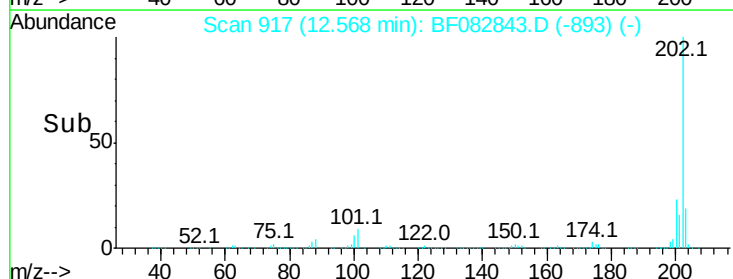
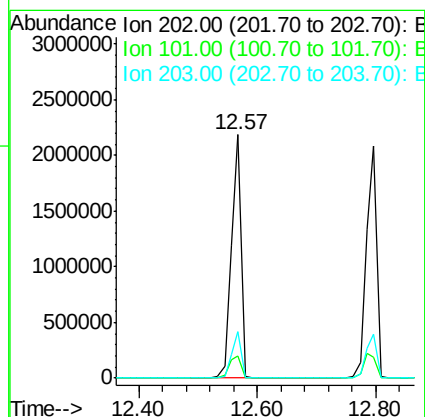
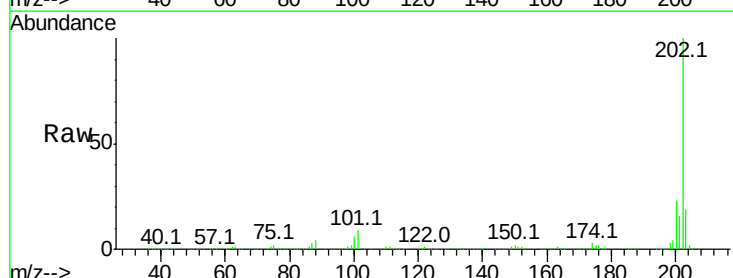
RT: 12.57 min Scan# 917

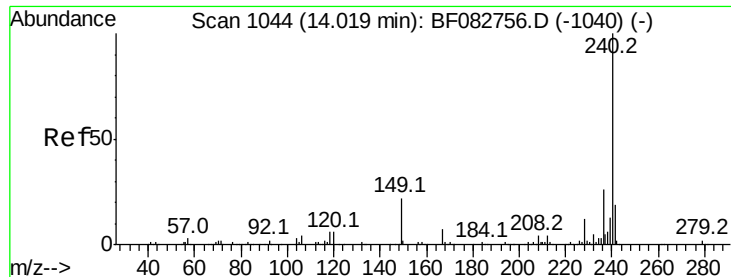
Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.5
203	18.9	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

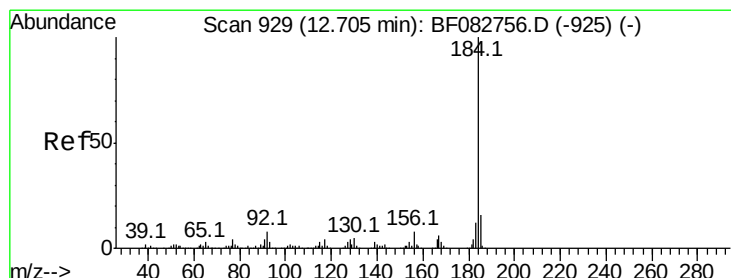
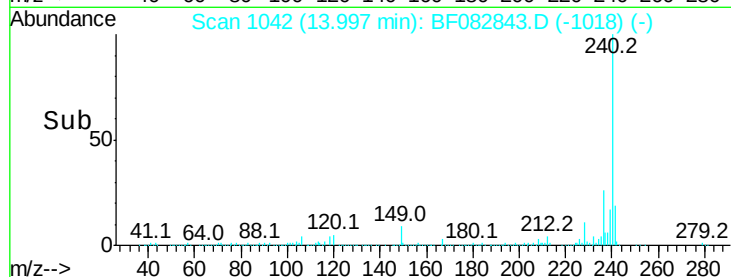
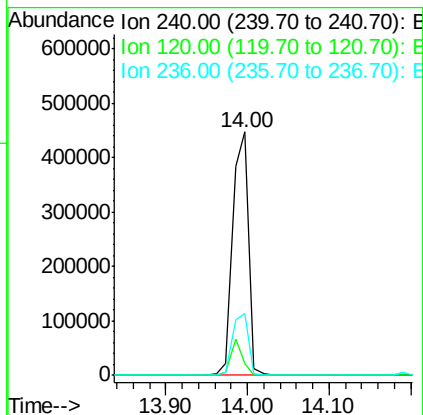
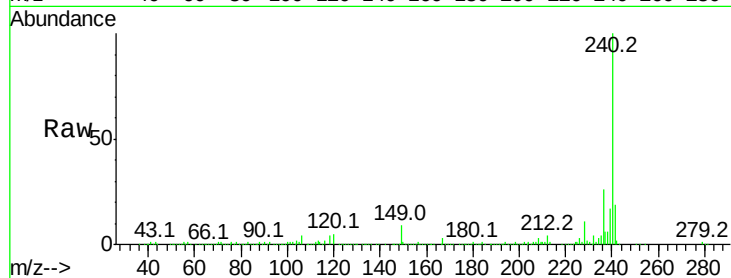
ClientSampleId :

D3MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	600269		
120	5.1	10.9	16.3	
236	25.6	21.6	32.4	

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#76

Benzidine

Concen: 41.99 ng

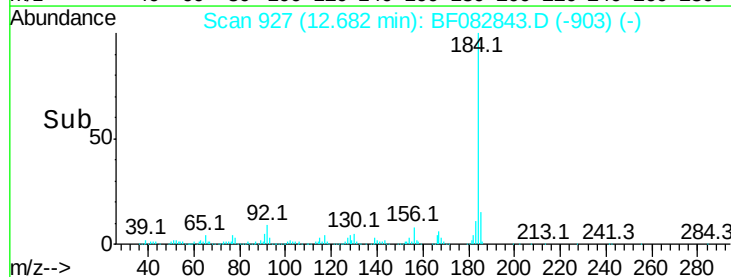
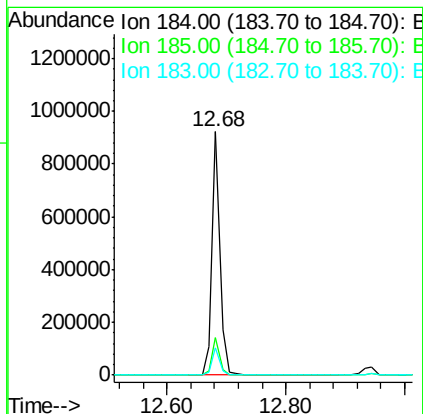
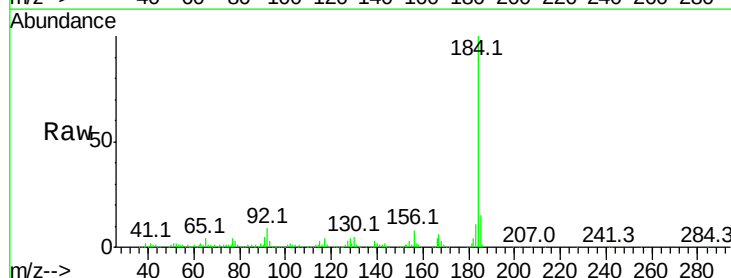
RT: 12.68 min Scan# 927

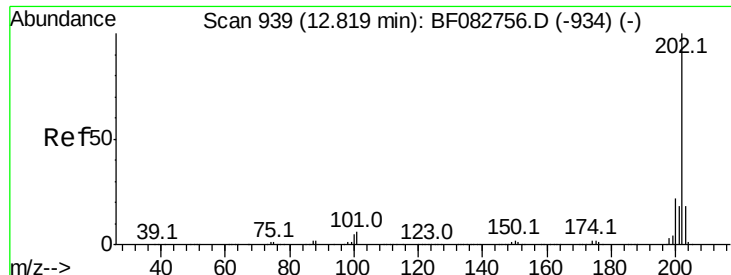
Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	844634		
185	15.2	12.0	18.0	
183	11.5	9.6	14.4	





#77

Pvrene

Concen: 60.03 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:202 Resp: 2474453

Ion Ratio Lower Upper

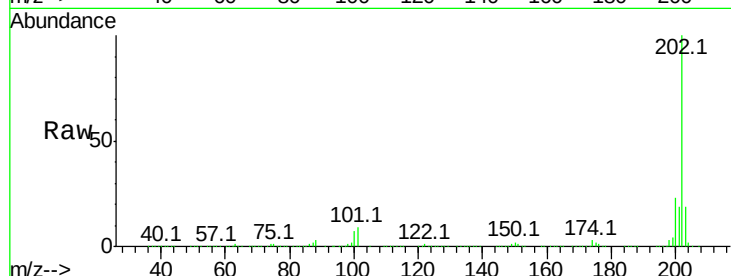
202 100

200 23.2 18.7 28.1

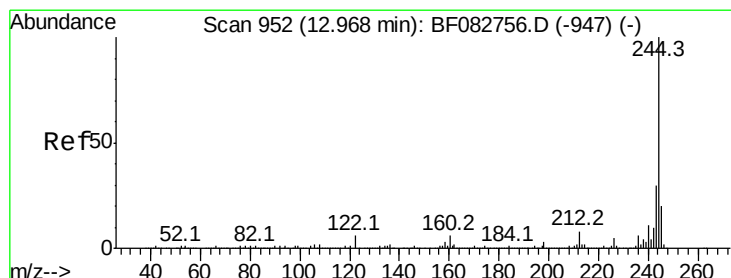
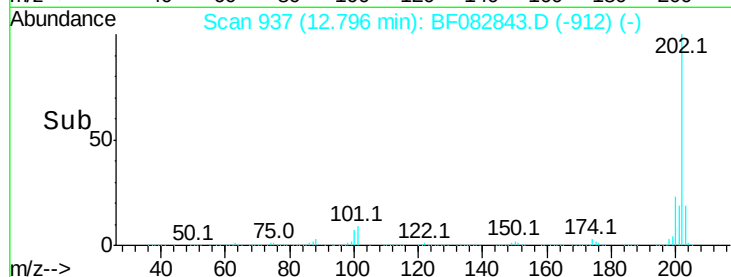
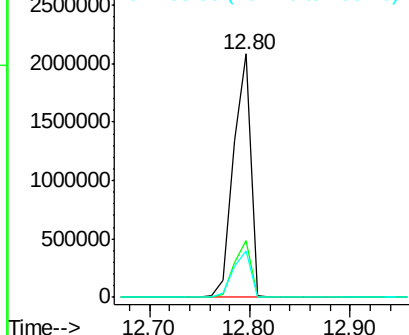
203 18.9 14.8 22.2

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



#78

Terphenyl-d14

Concen: 104.59 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

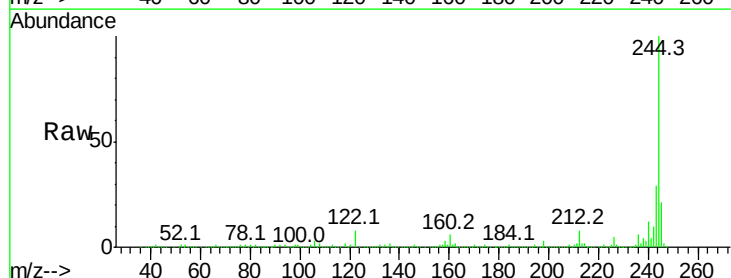
Tgt Ion:244 Resp: 2646906

Ion Ratio Lower Upper

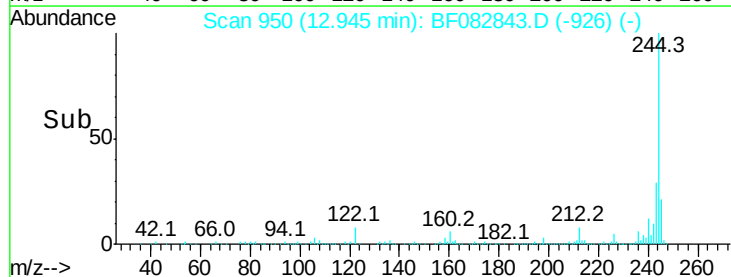
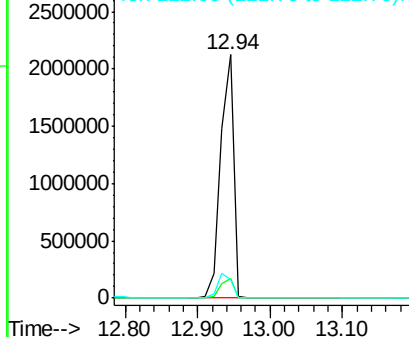
244 100

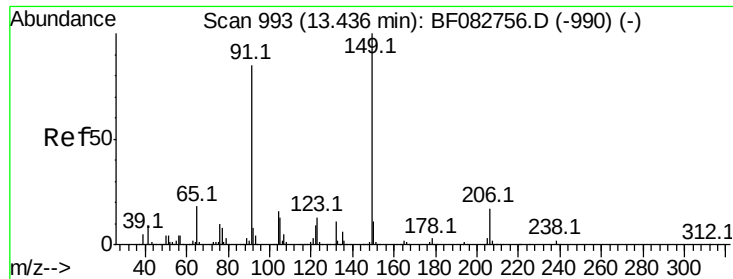
212 8.0 7.6 11.4

122 7.7 11.3 16.9#



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





#79

Butylbenzylphthalate

Concen: 53.76 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

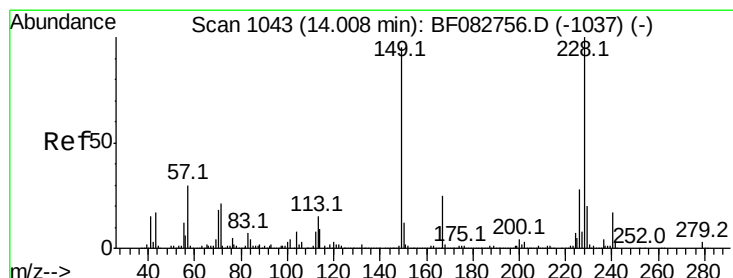
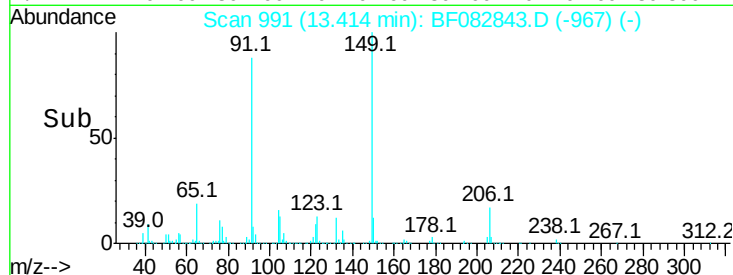
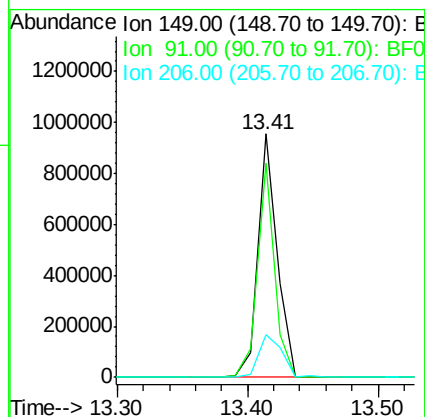
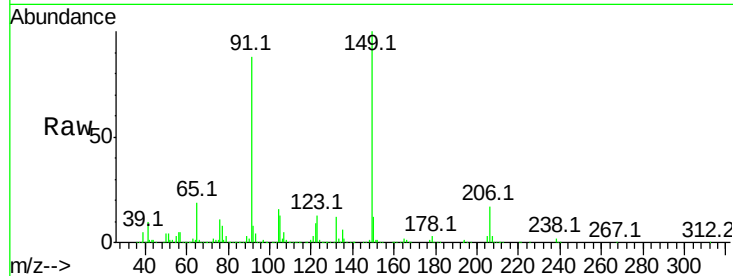
ClientSampleId :

D3MS

Tot Ion:	149	Resp:	979062
Ion Ratio	Lower	Upper	
149	100		
91	88.1	67.7	101.5
206	17.4	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 53.31 ng

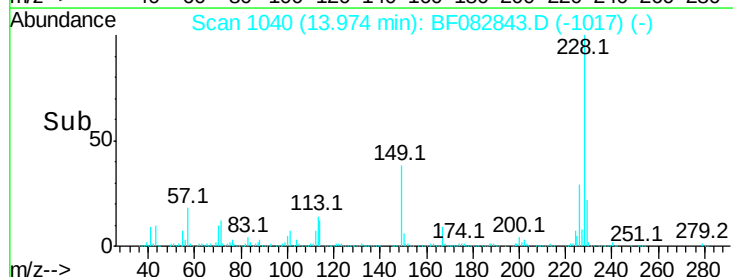
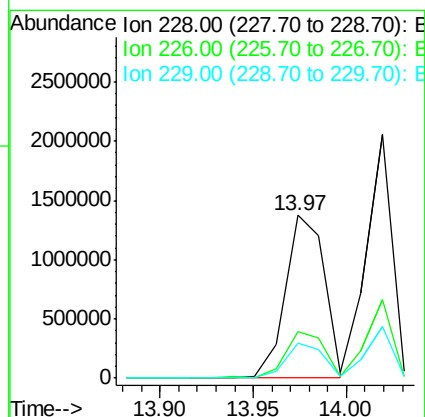
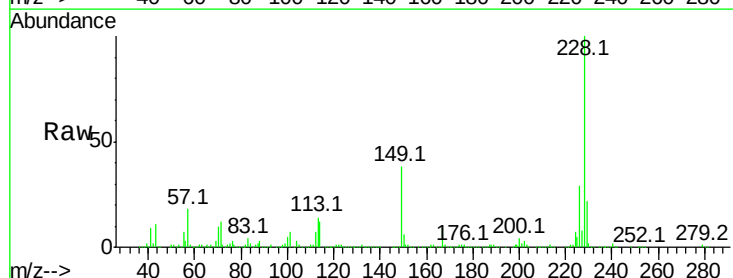
RT: 13.97 min Scan# 1040

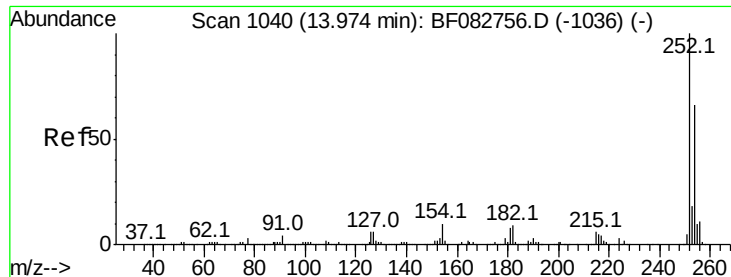
Delta R.T. -0.03 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:	228	Resp:	2000949
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	21.5	16.3	24.5





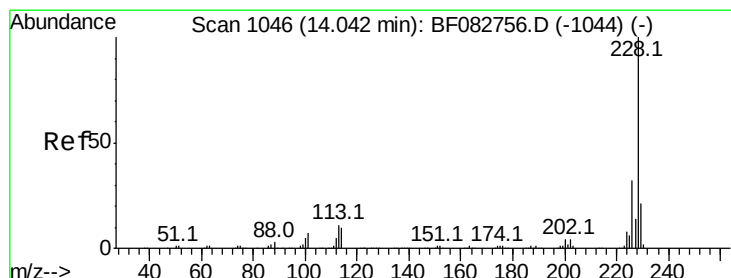
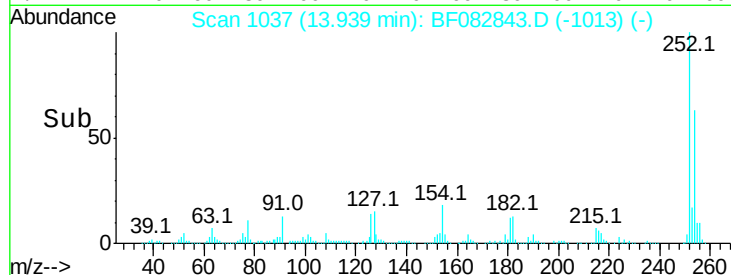
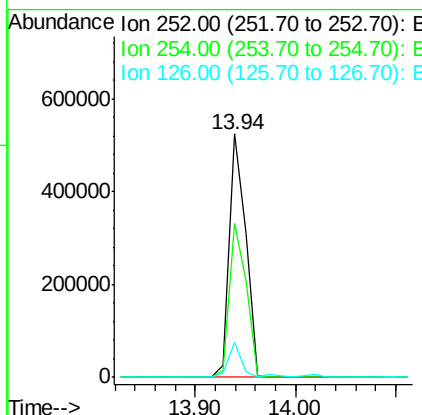
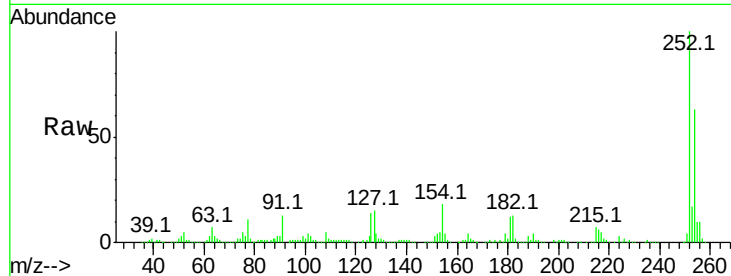
#81
 3,3'-Dichlorobenzidine
 Concen: 44.78 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.4	77.0
126	14.4	10.7	16.1

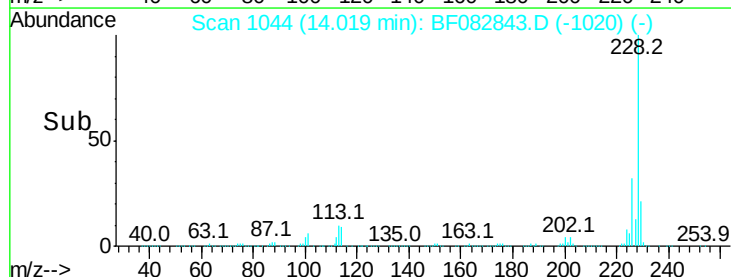
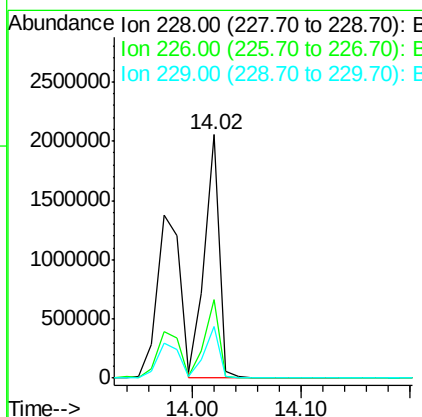
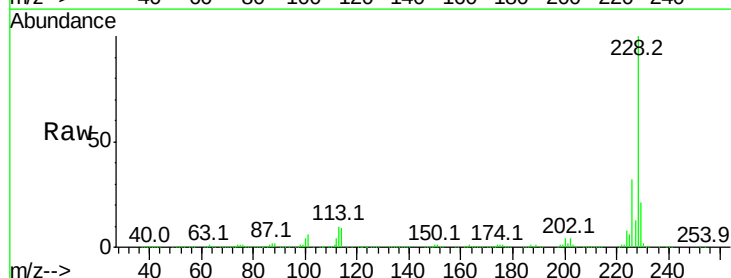
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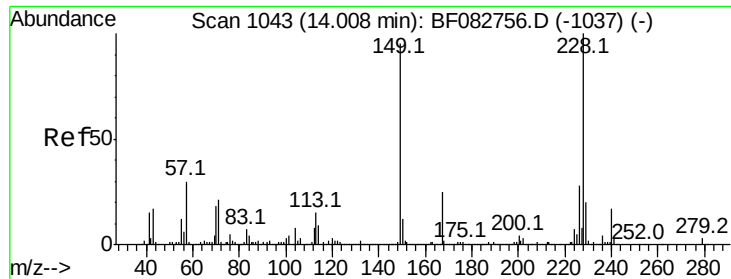
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#82
 Chrysene
 Concen: 57.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.2	16.3	24.5





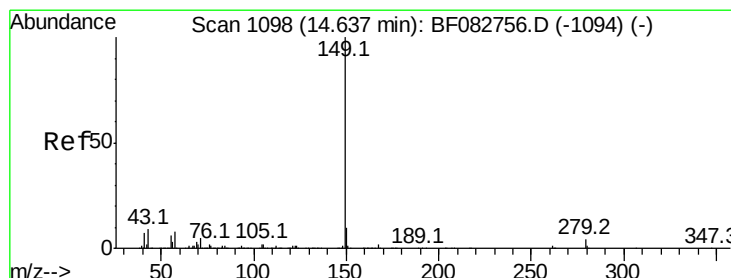
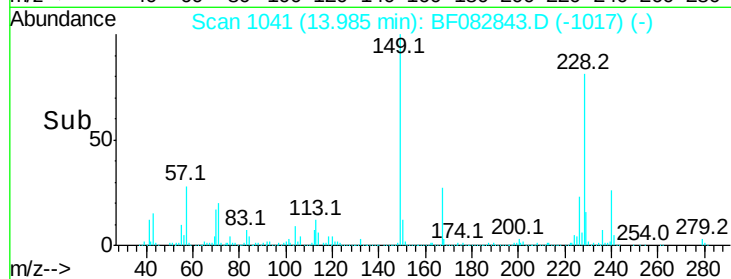
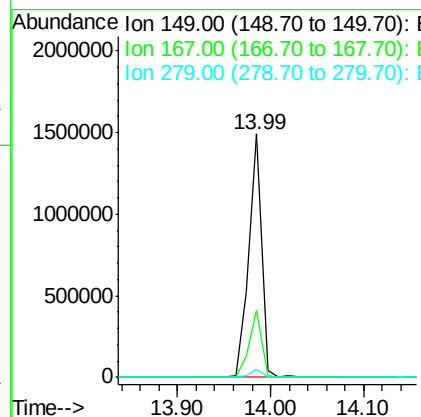
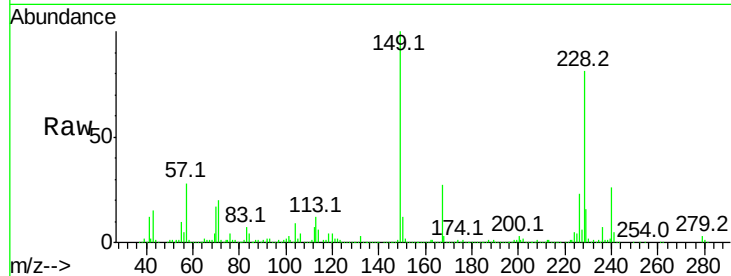
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion:149 Resp: 1428948
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 3.4 2.2 3.2#

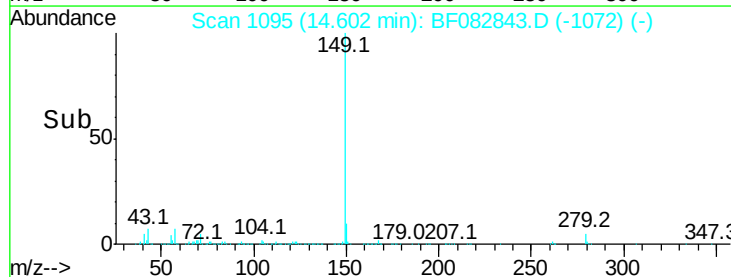
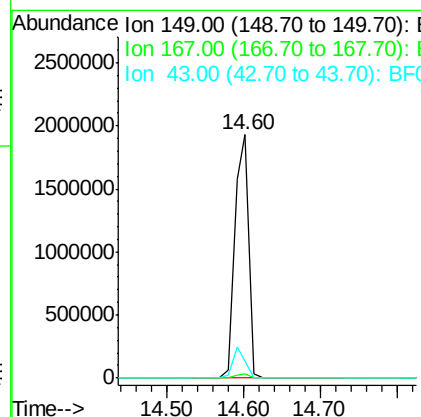
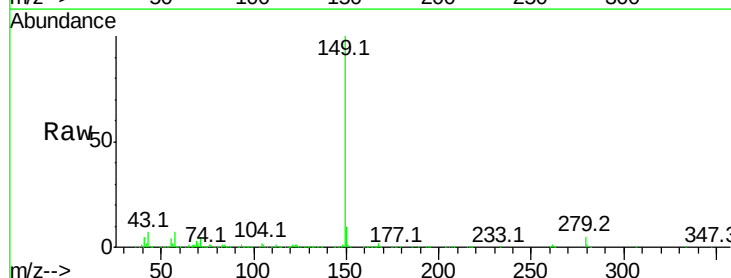
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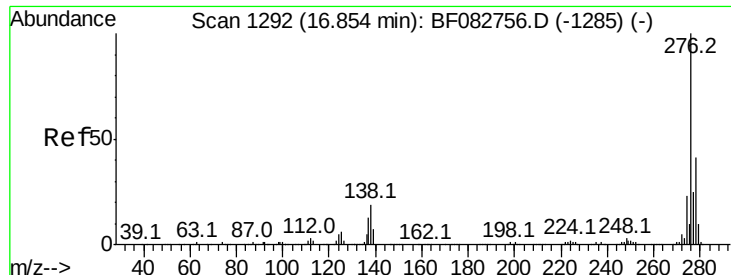
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#84
 Di-n-octyl phthalate
 Concen: 59.69 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:149 Resp: 2481995
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.1 10.1 15.1





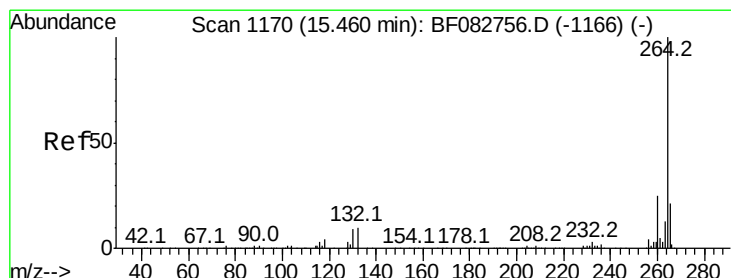
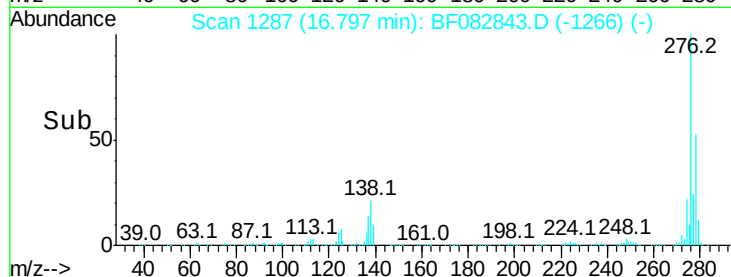
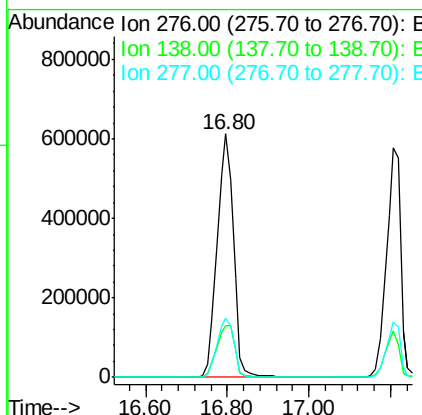
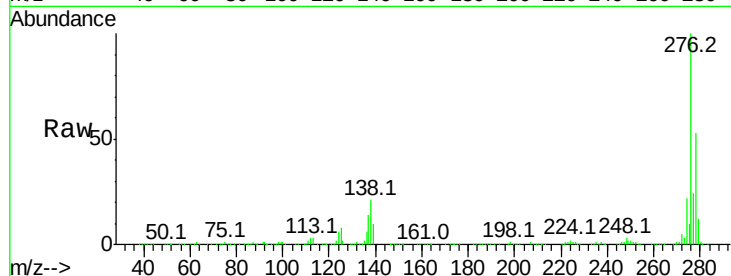
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.57 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.3	22.9#
277	25.2	20.2	30.4

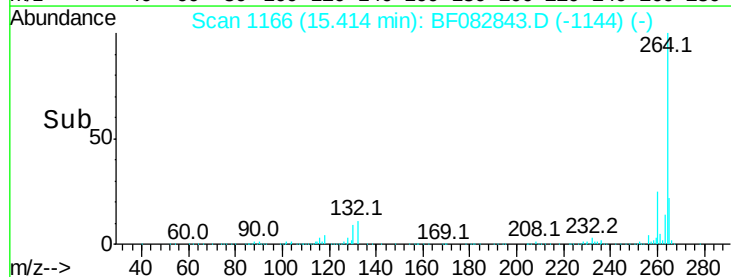
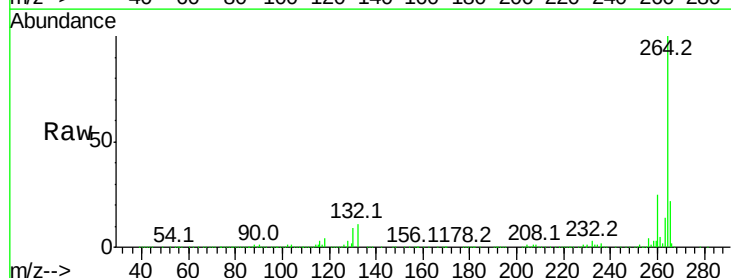
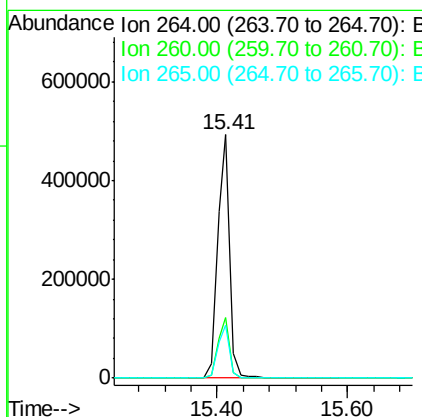
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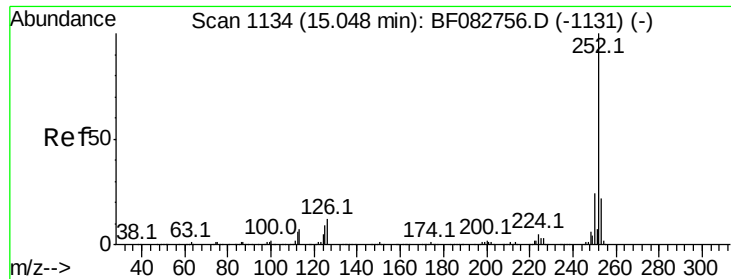
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.67 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:252 Resp: 2036962

Ion Ratio Lower Upper

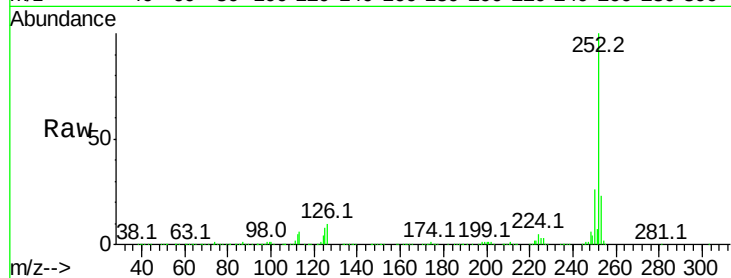
252 100

253 22.6 17.8 26.8

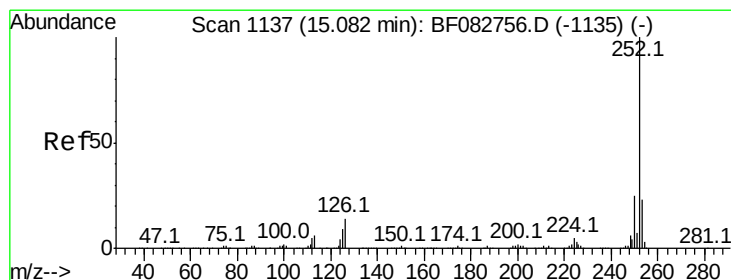
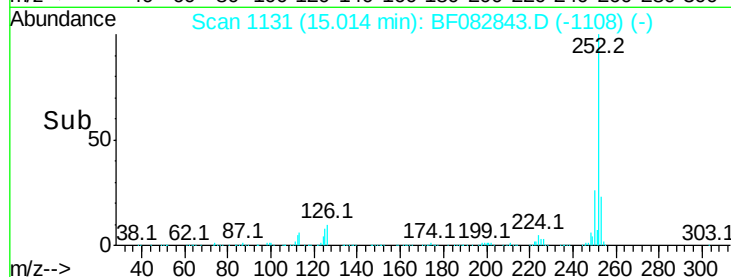
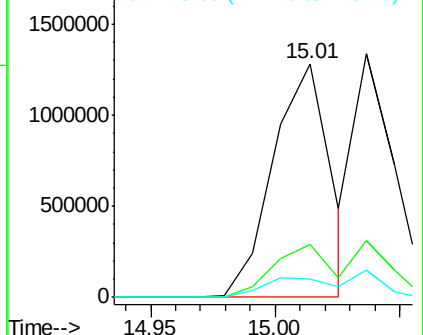
125 7.9 5.4 8.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.01 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.05 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:252 Resp: 1455492

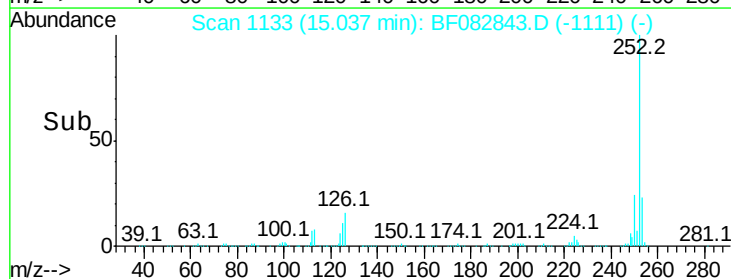
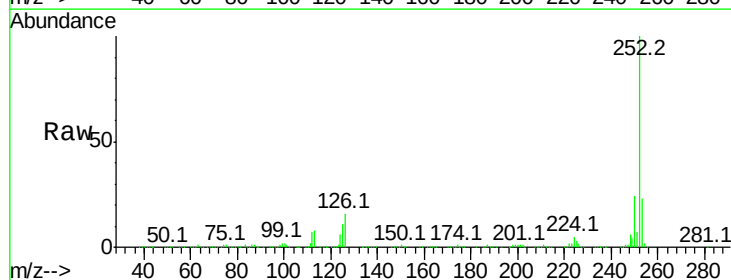
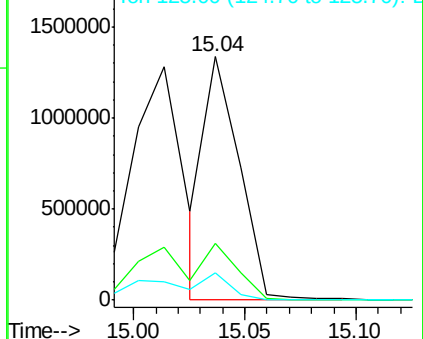
Ion Ratio Lower Upper

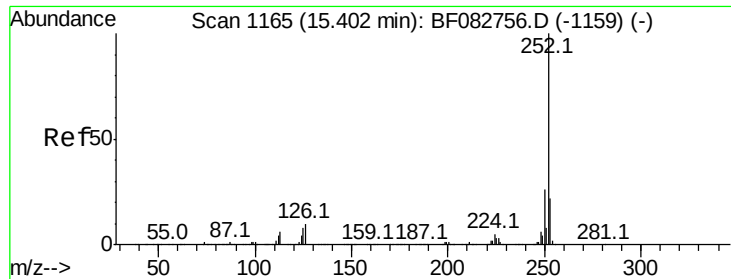
252 100

253 23.4 17.9 26.9

125 11.1 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





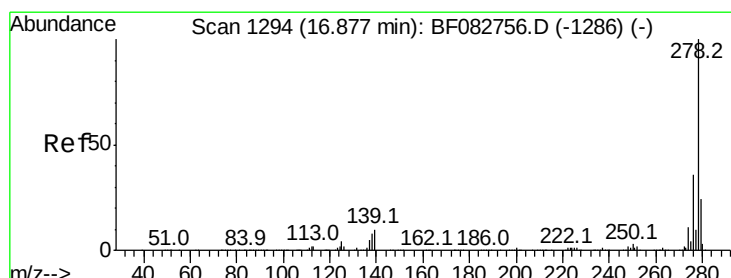
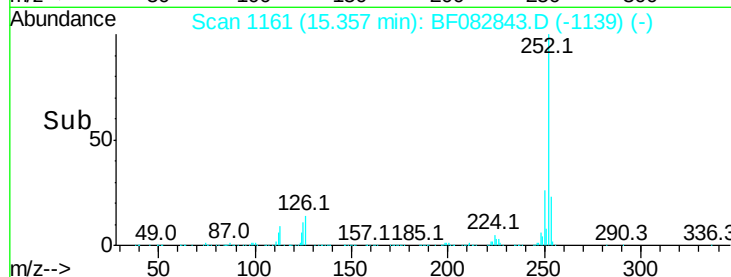
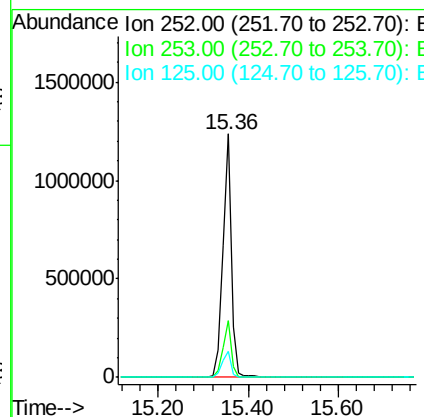
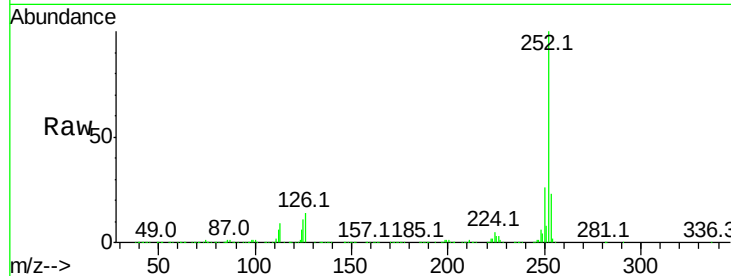
#89
Benzo(a)pyrene
Concen: 45.84 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.8	7.1	10.7

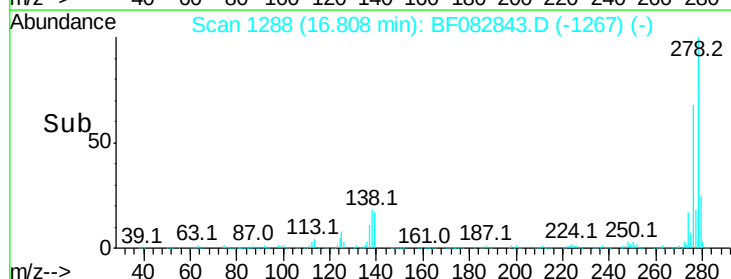
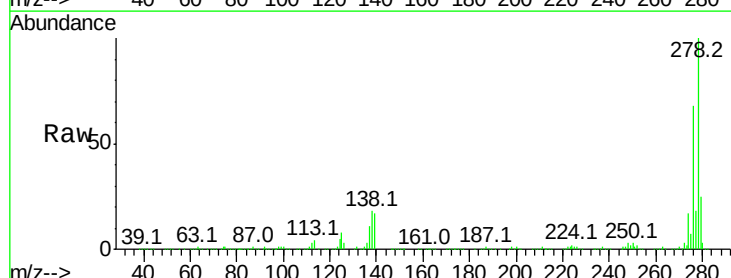
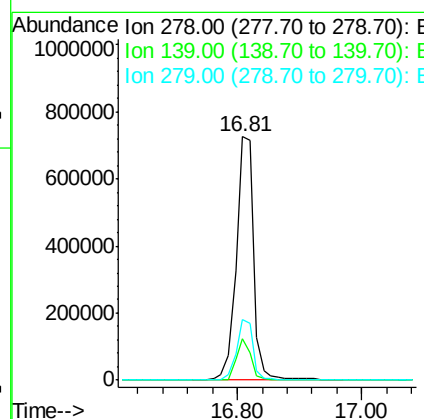
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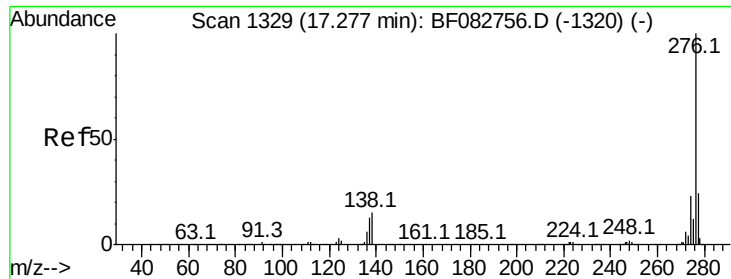
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#90
Dibenzo(a,h)anthracene
Concen: 47.32 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.9	14.9
279	24.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.87 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.06 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	20.6	13.1	19.7

Manual Integrations
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