

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083394.D
 Acq On : 2 Dec 2015 2:02
 Operator : UM/IZ
 Sample : G4587-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:59 PM

Quant Time: Dec 02 04:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	161534	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	646064	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	342429	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	672889	20.00	ng	0.00
75) Chrysene-d12	14.76	240	524960	20.00	ng	0.00
86) Perylene-d12	16.82	264	403549	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	742465	68.97	ng	0.01
7) Phenol-d6	6.21	99	650564	44.15	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1290868	87.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	451027	131.21	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1985900	82.64	ng	0.00
78) Terphenyl-d14	13.23	244	2092010	95.04	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	100666	17.27	ng	# 83
3) Pyridine	2.62	79	213737	14.66	ng	97
4) n-Nitrosodimethylamine	2.56	42	146603	20.43	ng	93
6) Aniline	6.21	93	433767	21.52	ng	99
8) 2-Chlorophenol	6.34	128	449809	37.88	ng	97
9) Benzaldehyde	6.09	77	246656	33.53	ng	98
10) Phenol	6.24	94	257049	14.50	ng	89
11) bis(2-Chloroethyl)ether	6.29	93	570387	44.23	ng	98
12) 1,3-Dichlorobenzene	6.49	146	513221	38.88	ng	98
13) 1,4-Dichlorobenzene	6.57	146	518507	38.01	ng	99
14) 1,2-Dichlorobenzene	6.73	146	455484	36.39	ng	99
15) Benzyl Alcohol	6.72	79	380333	33.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1027029	45.38	ng	67
17) 2-Methylphenol	6.84	107	324826	32.82	ng	# 92
18) Hexachloroethane	7.06	117	174472	36.82	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	501820	47.65	ng	98
20) 3+4-Methylphenols	7.00	107	386483	28.83	ng	98
22) Acetophenone	6.98	105	800673	41.42	ng	# 96
24) Nitrobenzene	7.15	77	642343	40.93	ng	96
25) Isophorone	7.39	82	1247161	43.81	ng	97
26) 2-Nitrophenol	7.46	139	261132	40.76	ng	97
27) 2,4-Dimethylphenol	7.53	122	455095	42.38	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	716978	44.22	ng	100
29) 2,4-Dichlorophenol	7.71	162	431928	41.82	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	454126	40.39	ng	100
31) Naphthalene	7.86	128	1416604	40.41	ng	99
32) Benzoic acid	7.63	122	80386	10.85	ng	98
33) 4-Chloroaniline	7.93	127	287755	19.04	ng	99
34) Hexachlorobutadiene	7.98	225	248112	38.87	ng	98
35) Caprolactam	8.30	113	29270	8.97	ng	95
36) 4-Chloro-3-methylphenol	8.42	107	471995	40.74	ng	# 83
37) 2-Methylnaphthalene	8.56	142	1039552	44.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	433671	39.95	ng	98
40) Hexachlorocyclopentadiene	8.70	237	323337	62.71	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083394.D
 Acq On : 2 Dec 2015 2:02
 Operator : UM/IZ
 Sample : G4587-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

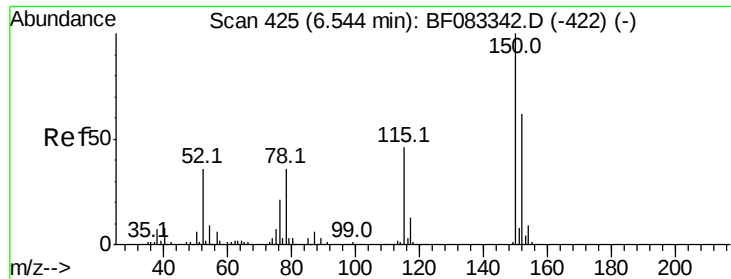
Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:59 PM

Quant Time: Dec 02 04:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	322080	42.30	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	342872	43.46	nq	94
45) 1,1'-Biphenyl	9.02	154	1251987	41.69	nq	100
46) 2-Chloronaphthalene	9.04	162	944782	41.29	nq	99
47) 2-Nitroaniline	9.15	65	427370	47.16	nq	92
48) Acenaphthylene	9.45	152	1490557	40.84	nq	100
49) Dimethylphthalate	9.34	163	1253186	45.03	nq	98
50) 2,6-Dinitrotoluene	9.39	165	254172	42.77	nq	89
51) Acenaphthene	9.62	154	884227	41.19	nq	99
52) 3-Nitroaniline	9.56	138	167607	24.06	nq	97
53) 2,4-Dinitrophenol	9.68	184	196475	56.87	nq	# 68
54) Dibenzofuran	9.79	168	1370619	43.56	nq	99
55) 4-Nitrophenol	9.76	139	105061m	24.11	nq	
56) 2,4-Dinitrotoluene	9.80	165	359469	47.67	nq	# 55
57) Fluorene	10.13	166	1032942	41.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	278837	43.81	nq	99
59) Diethylphthalate	10.03	149	1164999	43.92	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	510950	44.76	nq	97
61) 4-Nitroaniline	10.18	138	264049	37.89	nq	93
62) Azobenzene	10.29	77	1509302	47.10	nq	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	143841	31.84	nq	# 62
65) n-Nitrosodiphenylamine	10.26	169	986241	41.71	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	342398	46.52	nq	93
67) Hexachlorobenzene	10.70	284	371834	45.69	nq	# 92
68) Atrazine	10.83	200	342510	52.37	nq	99
69) Pentachlorophenol	10.92	266	322553	75.66	nq	98
70) Phenanthrene	11.16	178	1745787	43.84	nq	98
71) Anthracene	11.22	178	1731951	43.20	nq	99
72) Carbazole	11.41	167	1538685	42.72	nq	99
73) Di-n-butylphthalate	11.86	149	1986354	46.53	nq	99
74) Fluoranthene	12.66	202	1799416	43.59	nq	99
76) Benzidine	12.87	184	374260	23.94	nq	98
77) Pyrene	12.98	202	1836977	50.11	nq	99
79) Butylbenzylphthalate	13.96	149	868151	55.82	nq	96
80) Benzo(a)anthracene	14.74	228	1478730	45.98	nq	99
81) 3,3'-Dichlorobenzidine	14.73	252	312331	31.09	nq	99
82) Chrysene	14.80	228	1322581	42.56	nq	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	1210569	58.03	nq	99
84) Di-n-octyl phthalate	15.85	149	1872037	60.26	nq	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1187117	52.46	nq	100
87) Benzo(b)fluoranthene	16.32	252	1163413m	44.93	nq	
88) Benzo(k)fluoranthene	16.35	252	1108362	45.33	nq	98
89) Benzo(a)pyrene	16.75	252	1068880	48.06	nq	# 97
90) Dibenzo(a,h)anthracene	18.23	278	1004034	51.81	nq	98
91) Benzo(g,h,i)perylene	18.58	276	987279	51.91	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

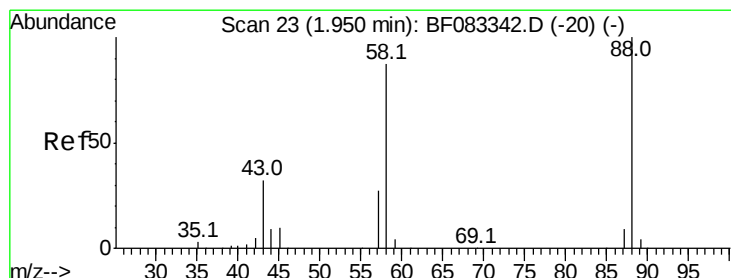
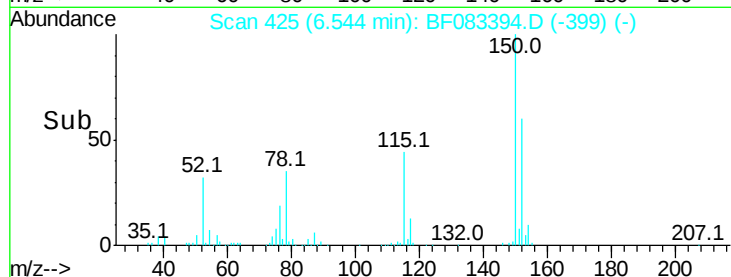
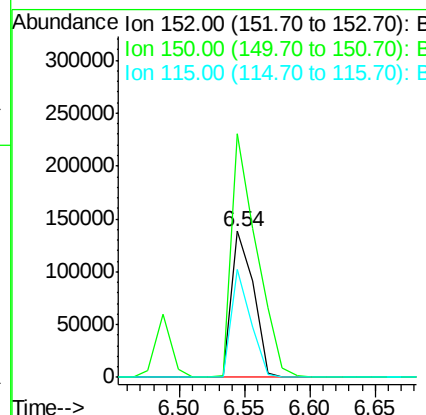
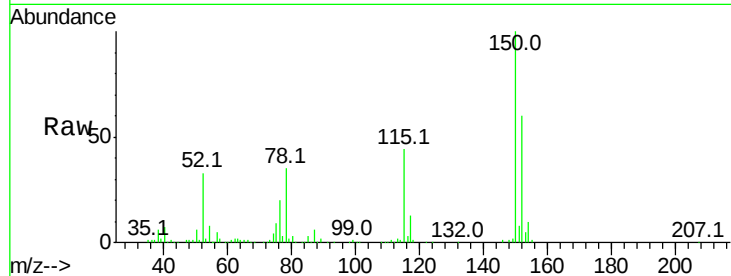
ClientSampleId :

MW-01MSD

Tot Ion:	152	Resp:	161534
Ion Ratio	Lower	Upper	
152	100		
150	166.5	129.8	194.8
115	73.9	59.2	88.8

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#2

1,4-Dioxane

Concen: 17.27 ng

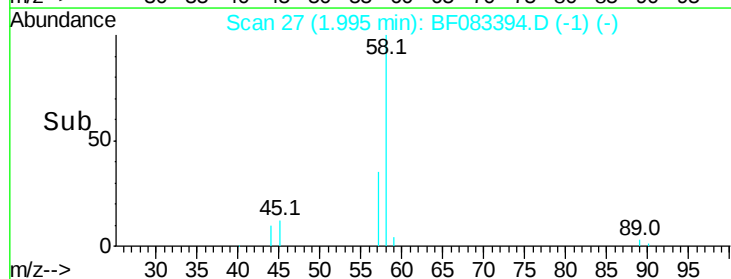
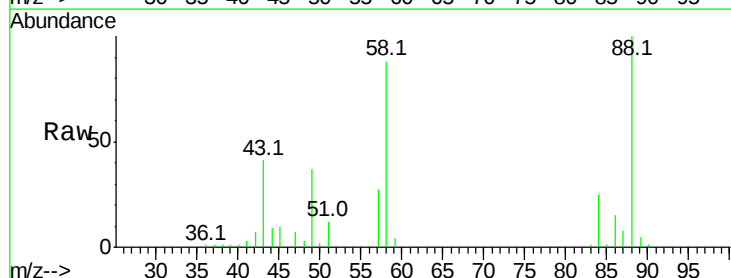
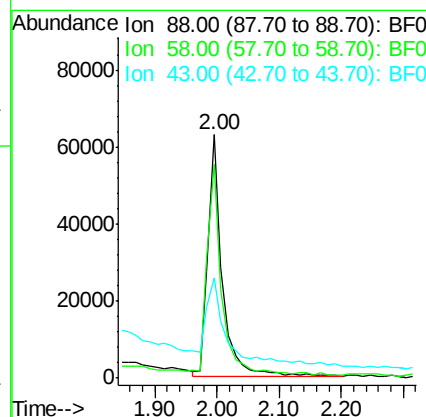
RT: 2.00 min Scan# 27

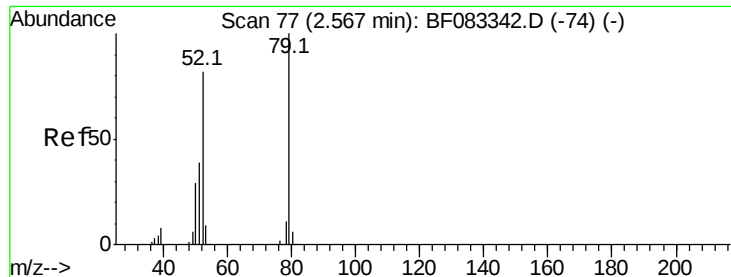
Delta R.T. 0.05 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	88	Resp:	100666
Ion Ratio	Lower	Upper	
88	100		
58	90.1	66.6	100.0
43	57.7	27.1	40.7#





#3

Pvridine

Concen: 14.66 ng

RT: 2.62 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

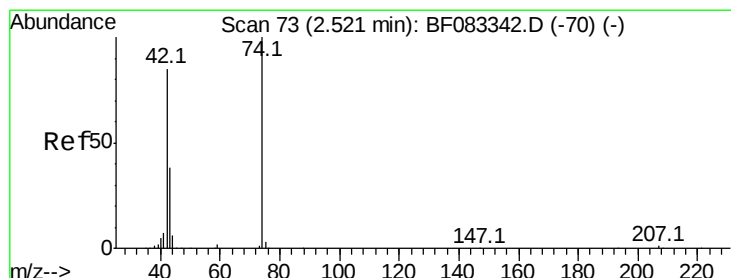
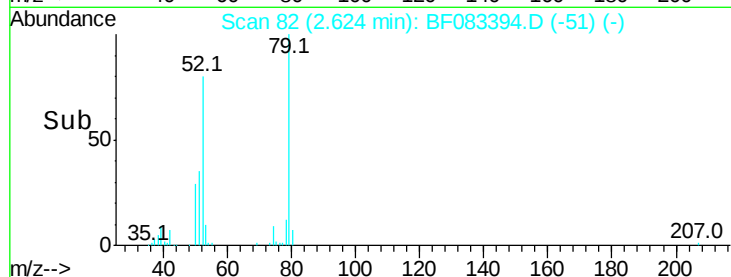
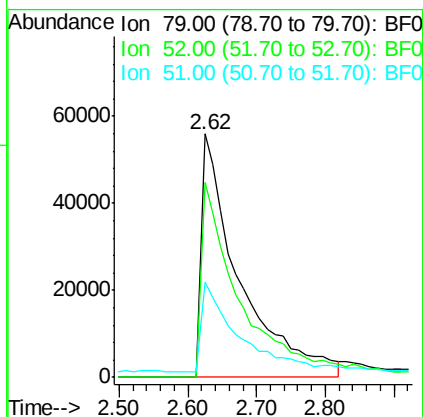
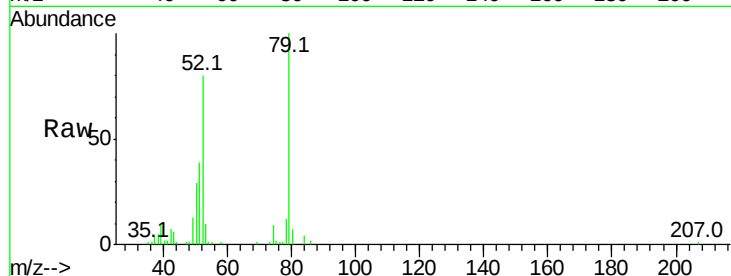
ClientSampleId :

MW-01MSD

Tot Ion:	79	Resp:	213737
Ion Ratio	Lower	Upper	
79	100		
52	80.0	65.9	98.9
51	38.9	32.3	48.5

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#4

n-Nitrosodimethylamine

Concen: 20.43 ng

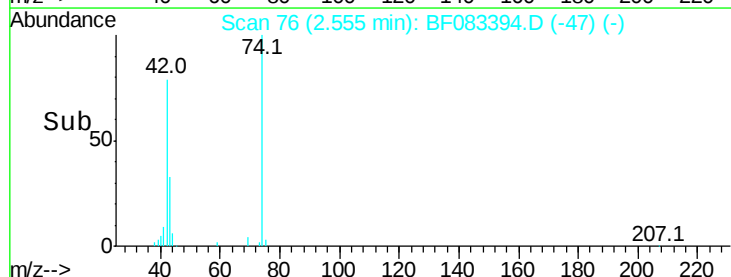
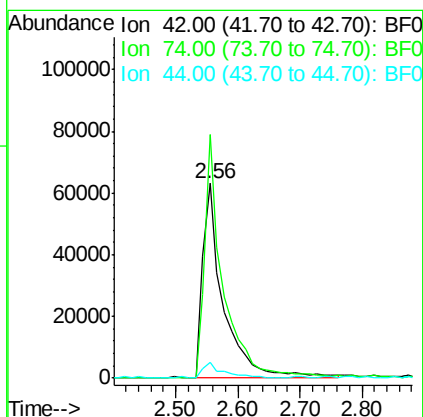
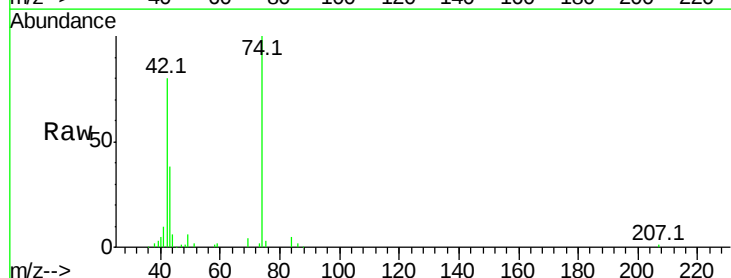
RT: 2.56 min Scan# 76

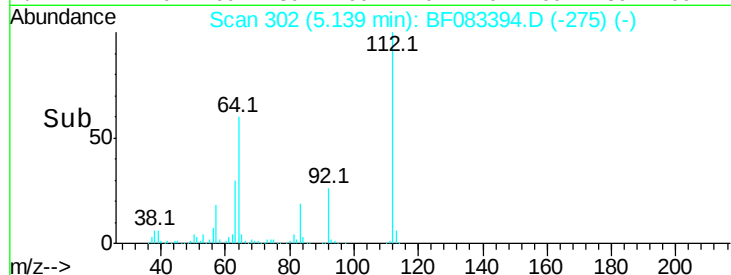
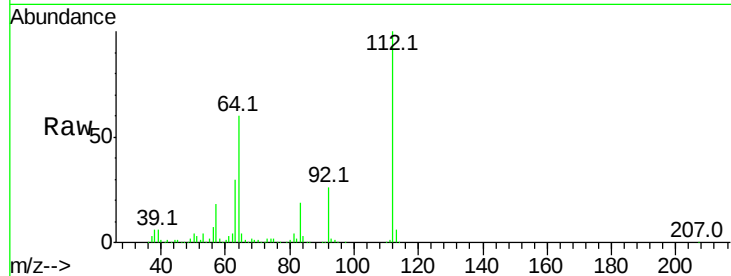
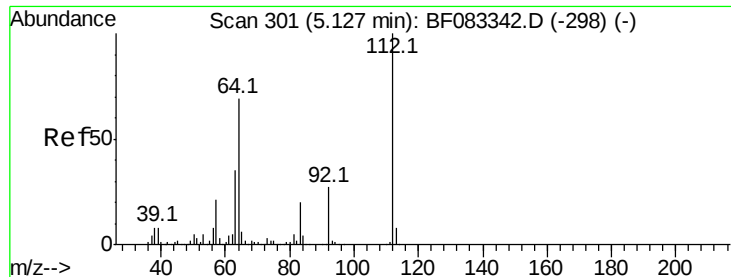
Delta R.T. 0.03 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	42	Resp:	146603
Ion Ratio	Lower	Upper	
42	100		
74	125.3	93.7	140.5
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 68.97 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083394.D

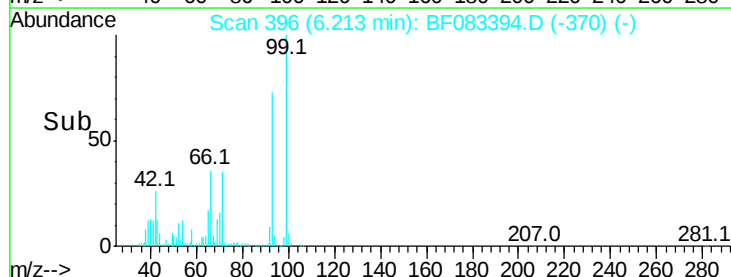
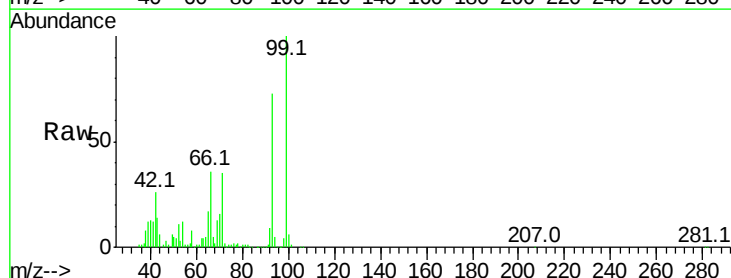
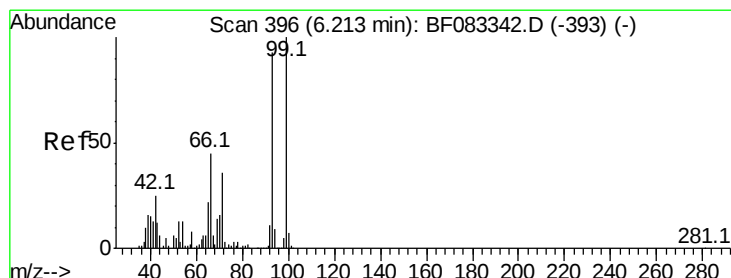
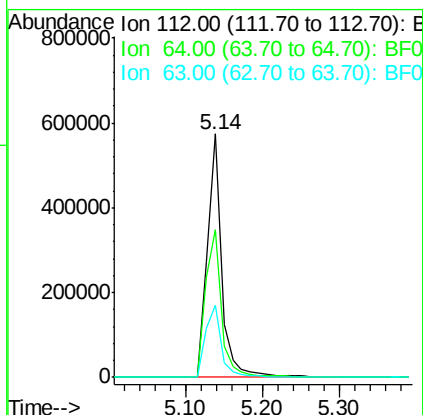
Acq: 2 Dec 2015 2:02

Tot Ion:	112	Resp:	742465
Ion Ratio	Lower	Upper	
112	100		
64	60.4	55.6	83.4
63	29.8	28.2	42.2

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#6

Aniline

Concen: 21.52 ng

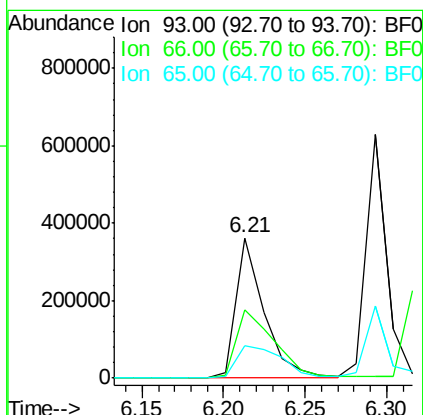
RT: 6.21 min Scan# 396

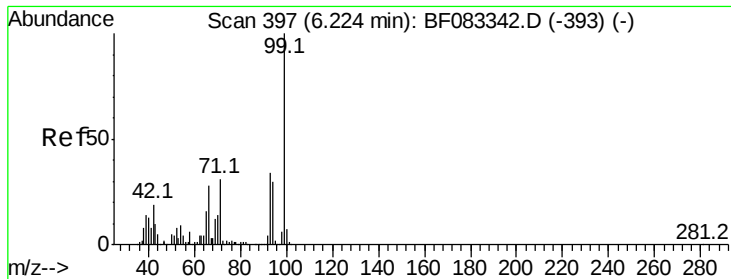
Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	93	Resp:	433767
Ion Ratio	Lower	Upper	
93	100		
66	48.7	38.7	58.1
65	23.1	19.0	28.6





#7

Phenol-d6

Concen: 44.15 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

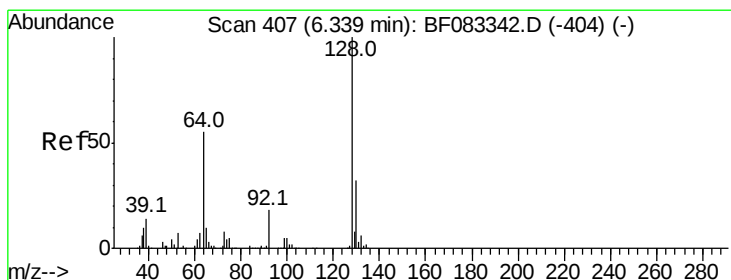
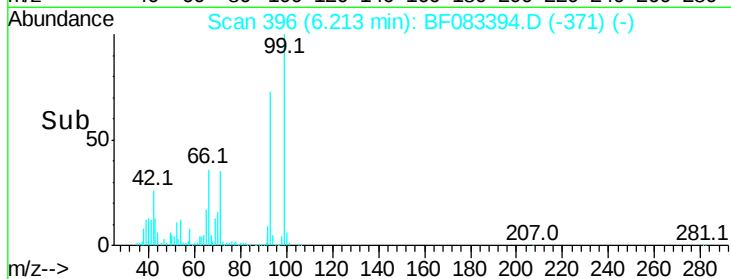
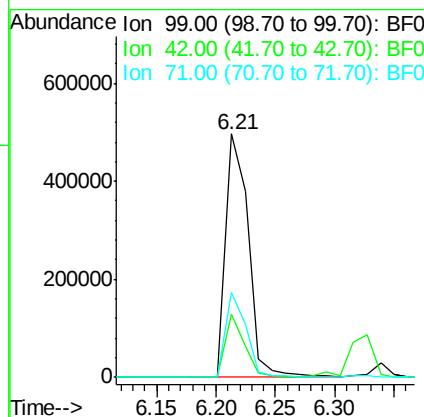
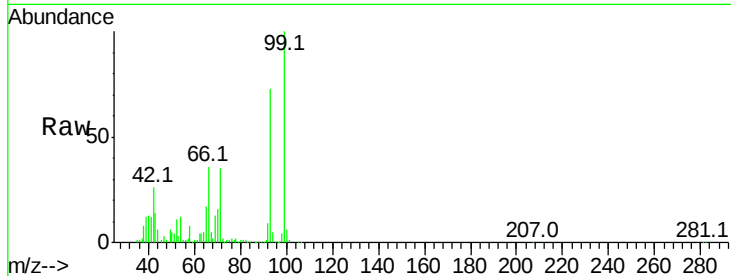
ClientSampleId :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion	Ratio	Resp	Lower	Upper
99	100	650564		
42	25.9	14.9	22.3#	
71	34.9	24.7	37.1	



#8

2-Chlorophenol

Concen: 37.88 ng

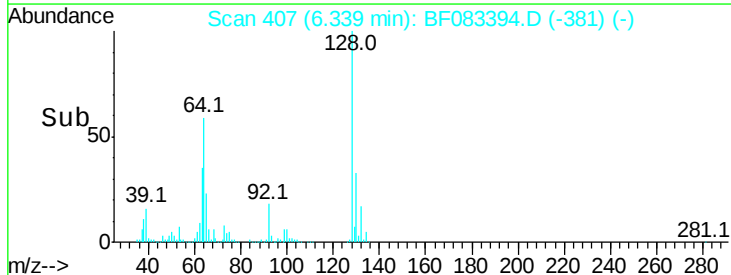
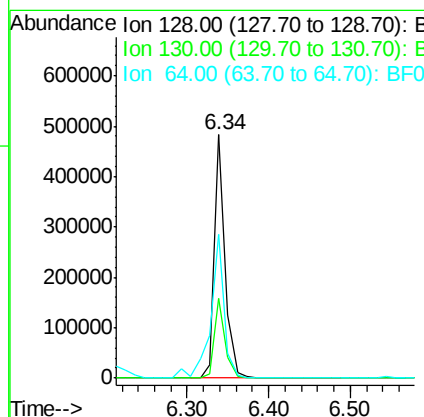
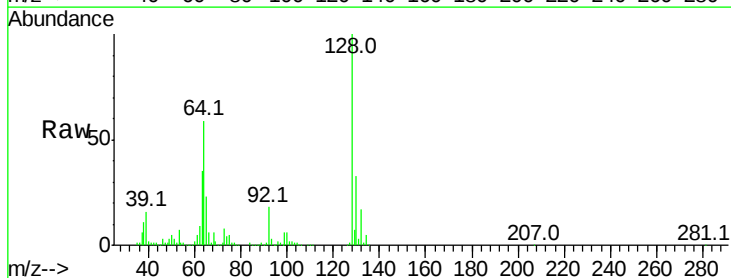
RT: 6.34 min Scan# 407

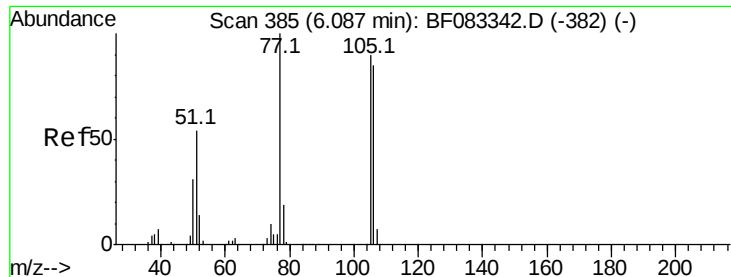
Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	449809		
130	32.7	12.3	52.3	
64	59.1	36.4	76.4	





#9

Benzaldehyde

Concen: 33.53 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

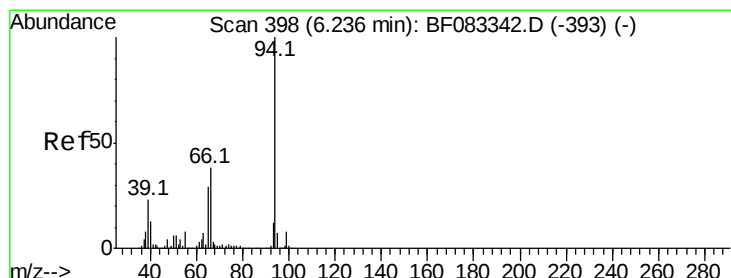
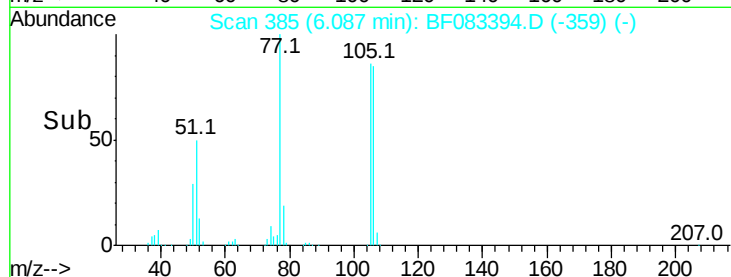
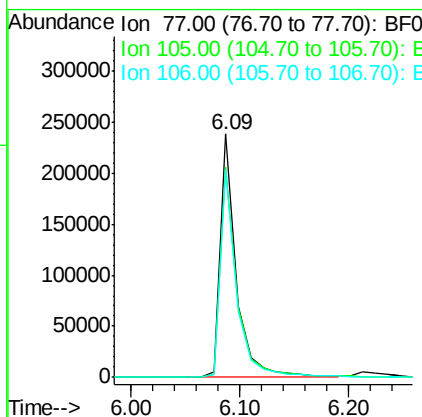
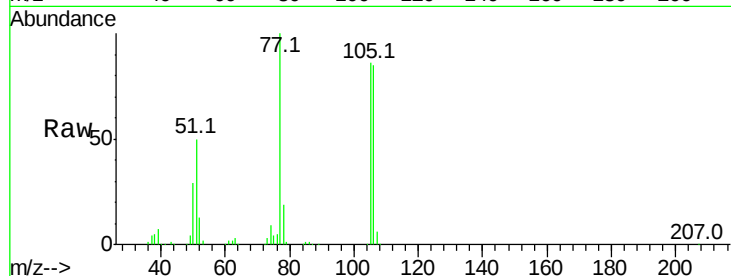
ClientSampleId :

MW-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.4	70.0	110.0
106	85.3	65.0	105.0

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#10

Phenol

Concen: 14.50 ng

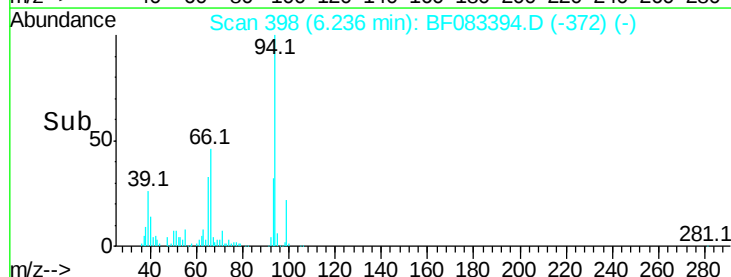
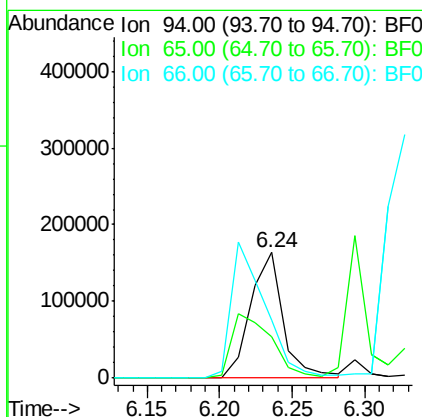
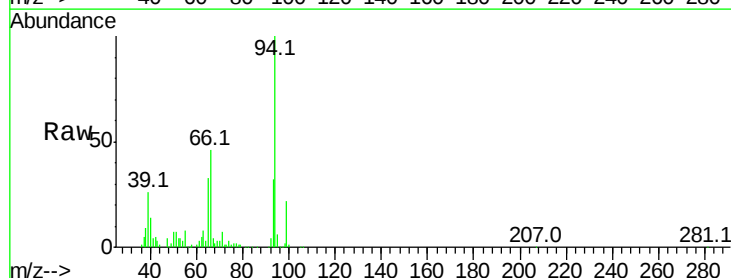
RT: 6.24 min Scan# 398

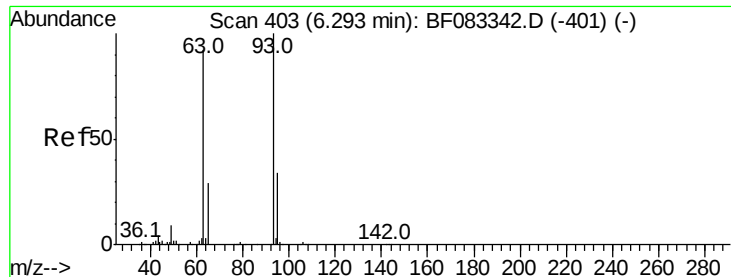
Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	9.5	49.5
66	45.9	17.9	57.9





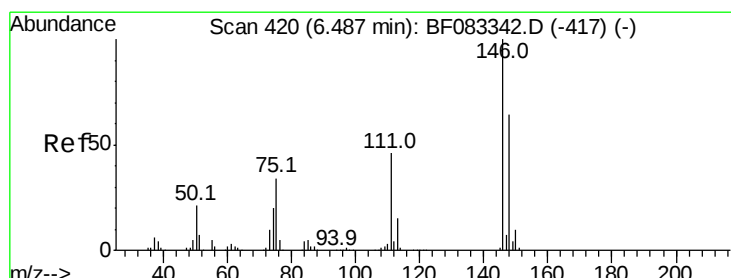
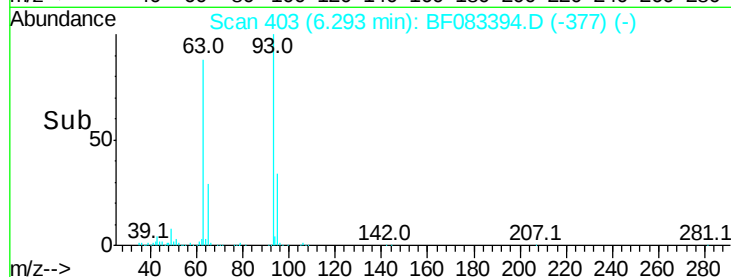
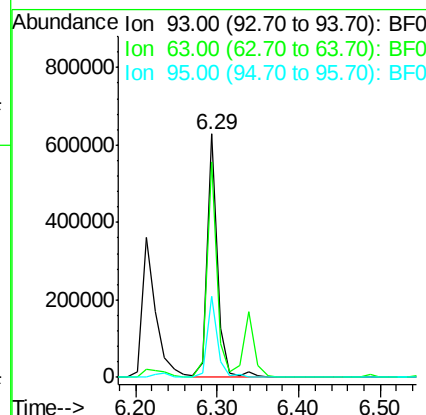
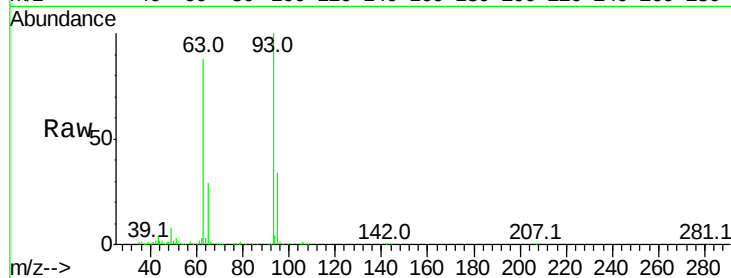
#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	71.4	111.4
95	33.6	13.4	53.4

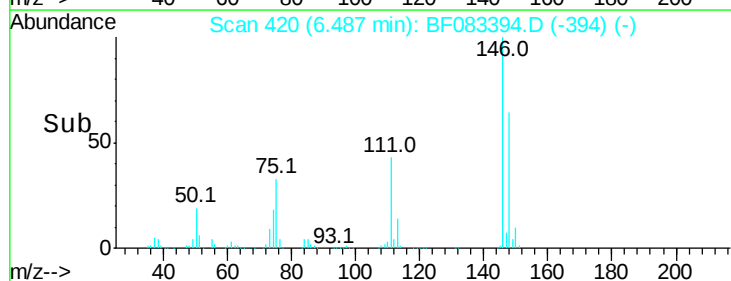
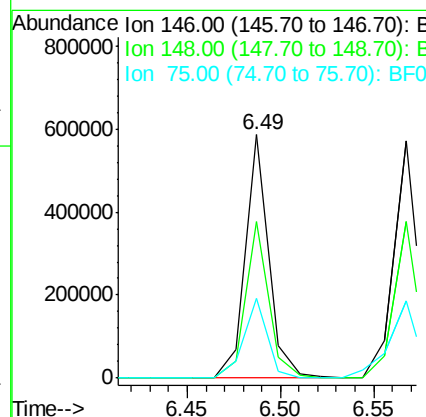
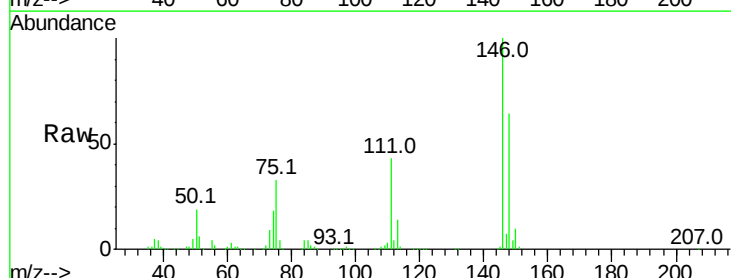
Manual Integrations
APPROVED

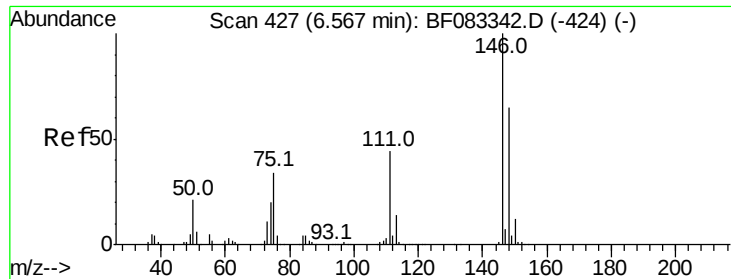
Mmdadoda
12/2/2015 6:12:59 PM



#12
1,3-Dichlorobenzene
Concen: 38.88 ng
RT: 6.49 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	32.7	27.5	41.3





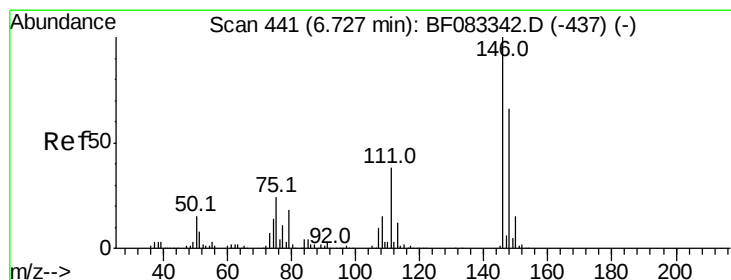
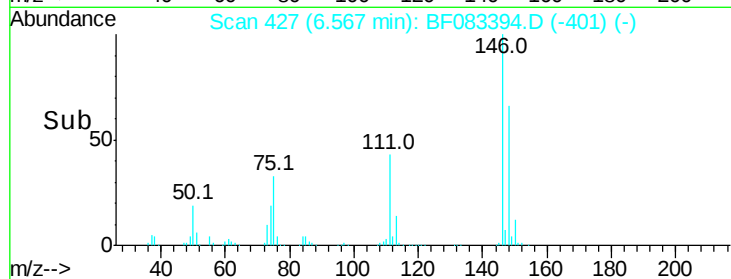
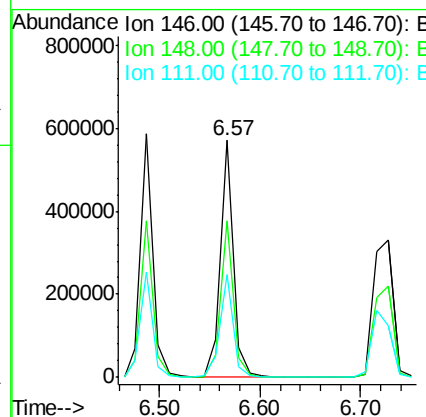
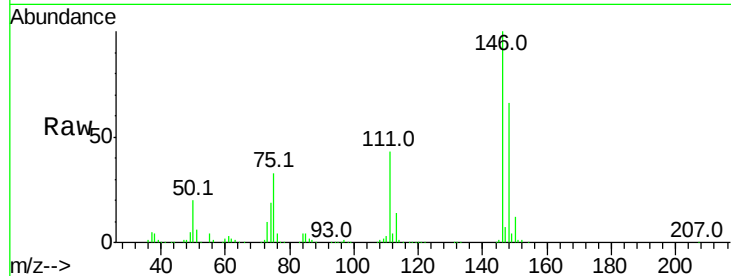
#13
 1,4-Dichlorobenzene
 Concen: 38.01 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	518507		
148	65.9		52.1	78.1
111	43.3		35.4	53.0

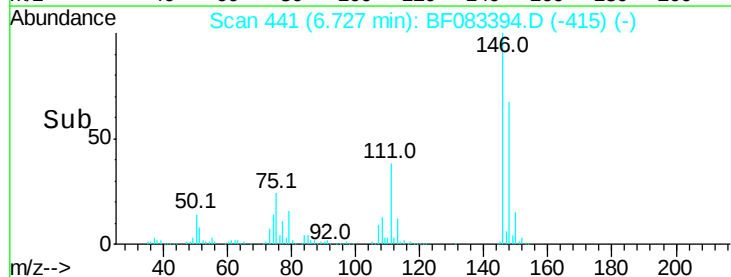
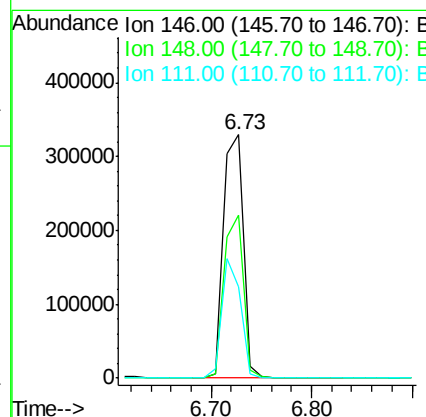
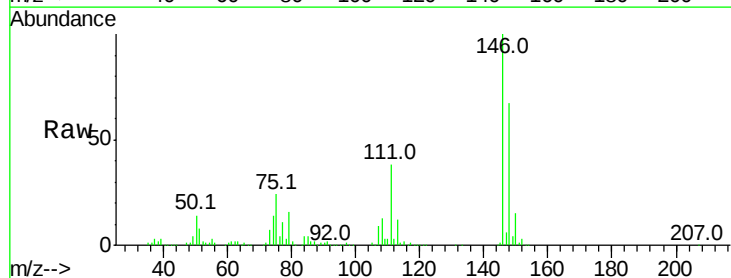
Manual Integrations
 APPROVED

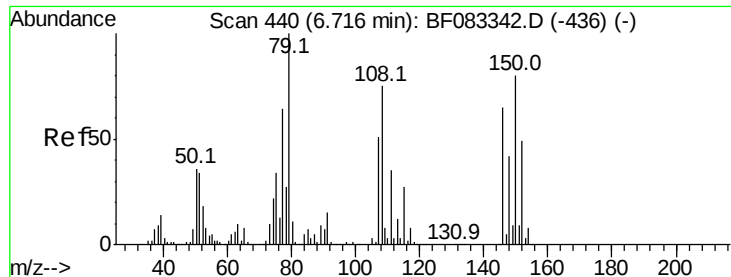
Mmdadoda
 12/2/2015 6:12:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.73 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	455484		
148	66.8		52.5	78.7
111	37.7		30.6	46.0





#15

Benzyl Alcohol

Concen: 33.40 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

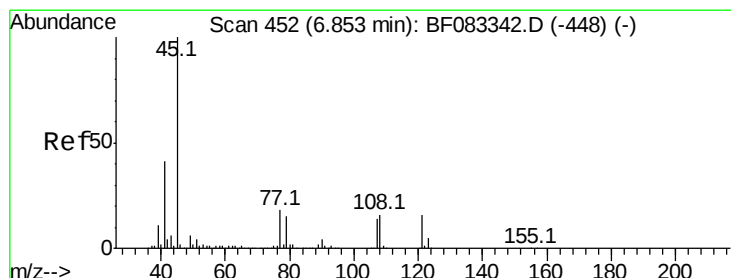
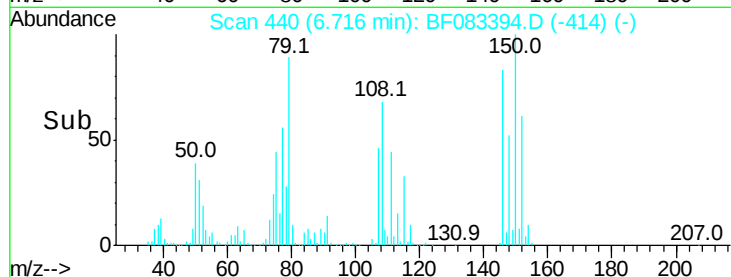
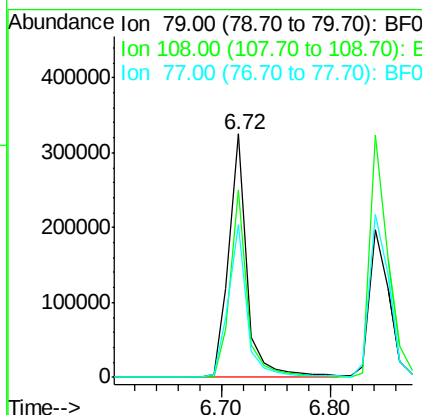
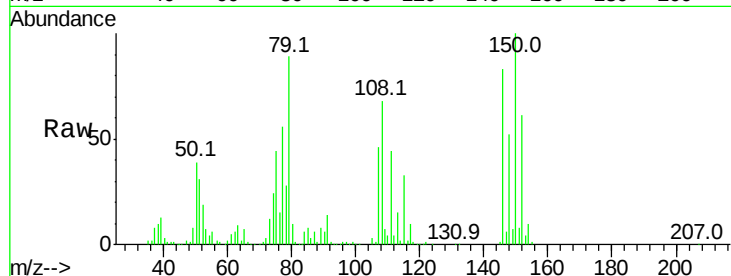
ClientSampleId :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion:	79	Resp:	380333
Ion Ratio	Lower	Upper	
79	100		
108	76.8	59.9	89.9
77	63.0	51.0	76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.38 ng

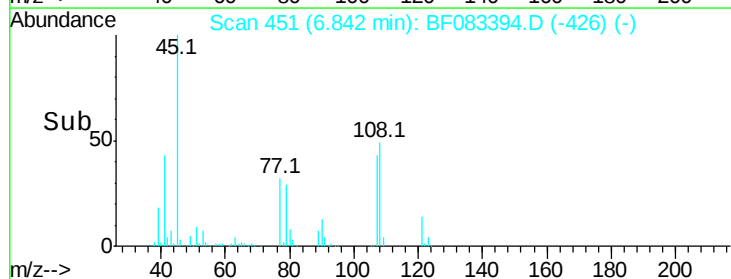
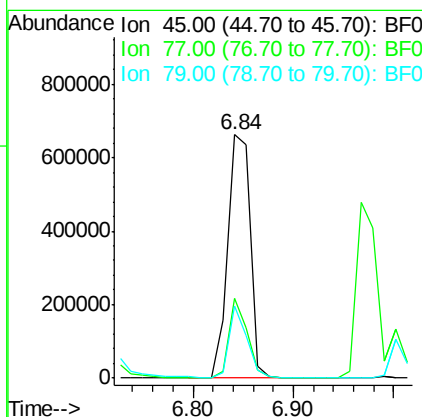
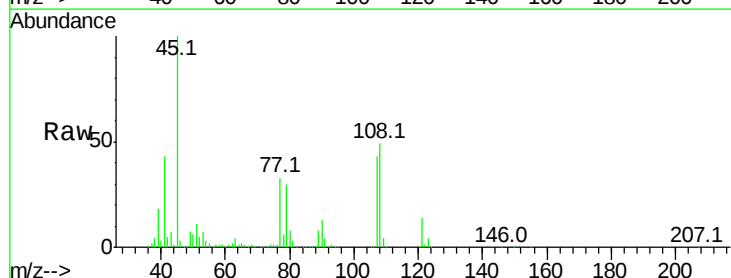
RT: 6.84 min Scan# 451

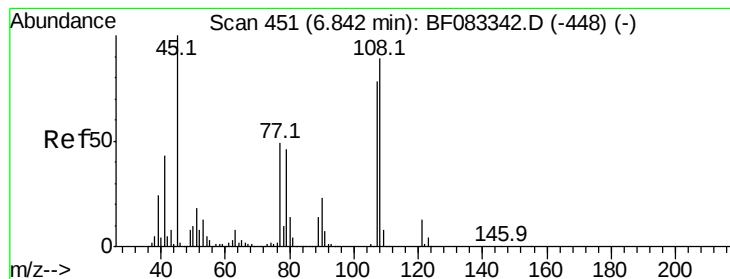
Delta R.T. -0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	45	Resp:	1027029
Ion Ratio	Lower	Upper	
45	100		
77	32.8	0.0	38.3
79	29.7	0.0	35.4





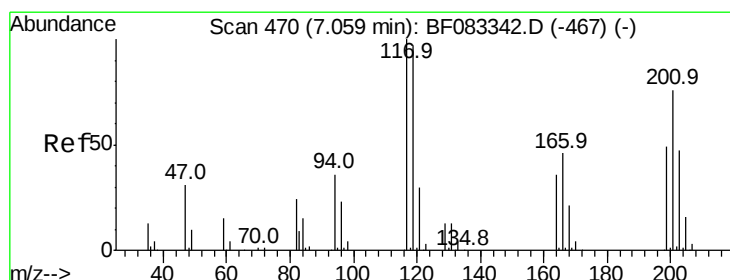
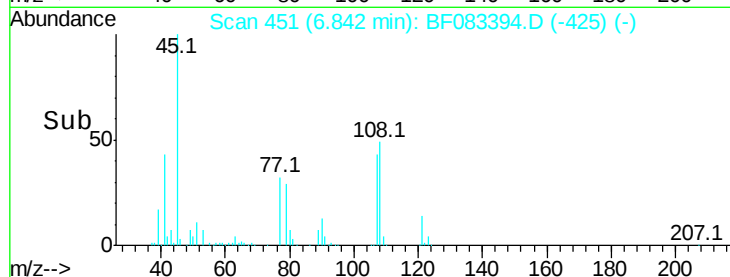
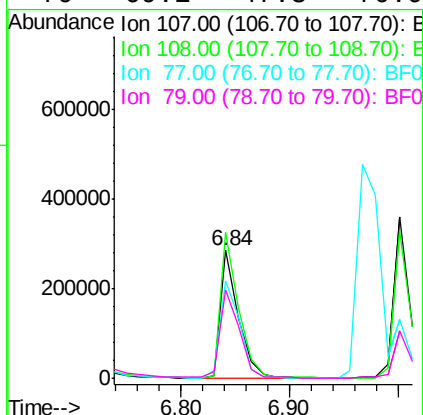
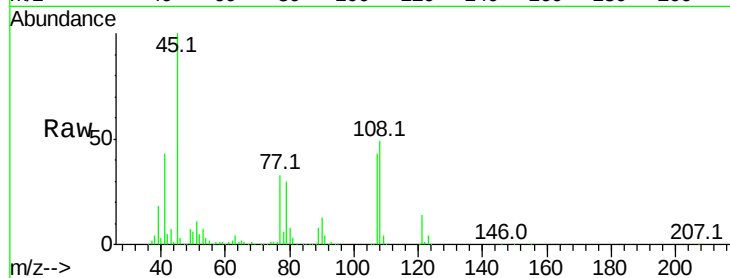
#17
2-Methylphenol
Concen: 32.82 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.6	137.4	
77	76.3	49.9	74.9	
79	69.1	47.3	70.9	

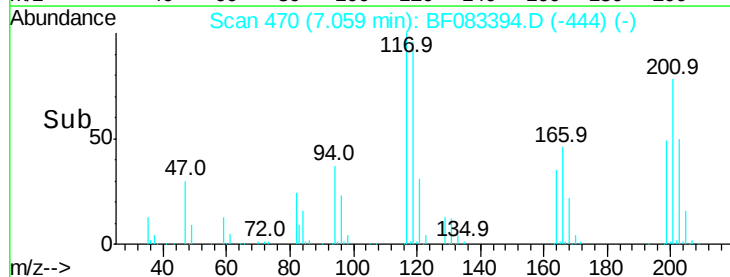
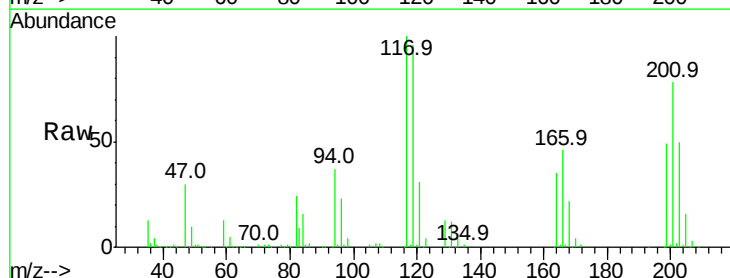
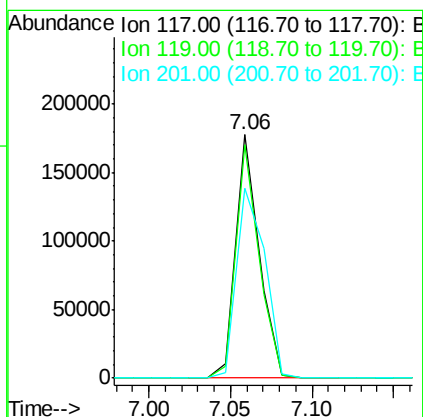
Manual Integrations
APPROVED

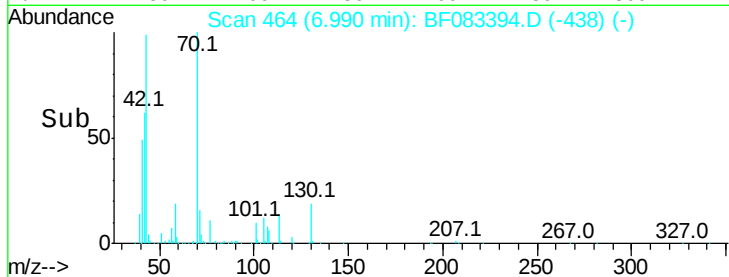
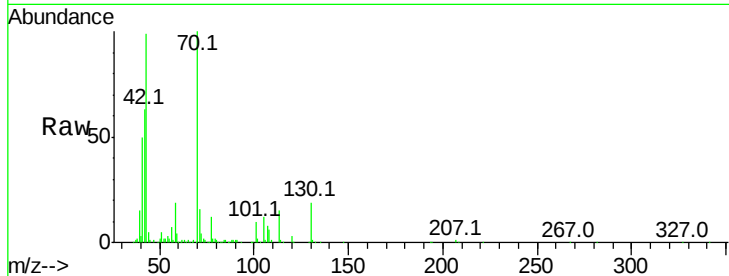
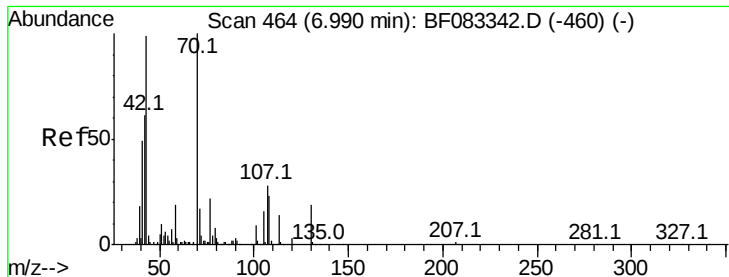
Mmdadoda
12/2/2015 6:12:59 PM



#18
Hexachloroethane
Concen: 36.82 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.3	115.9	
201	78.0	60.6	90.8	





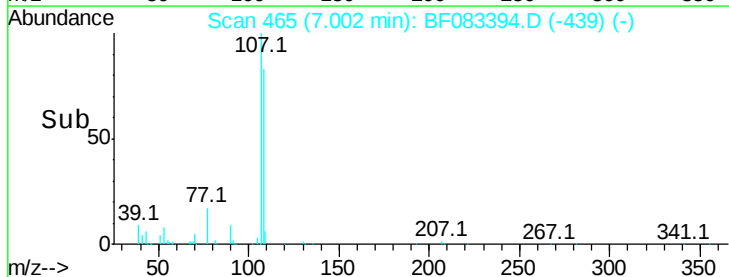
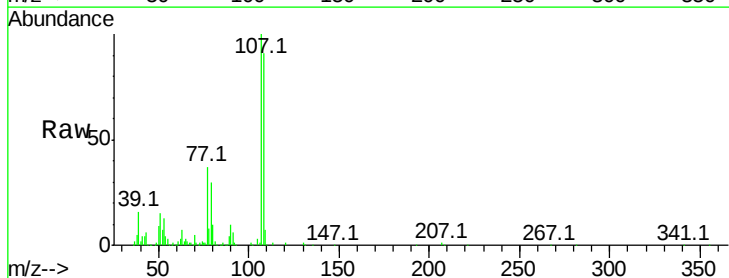
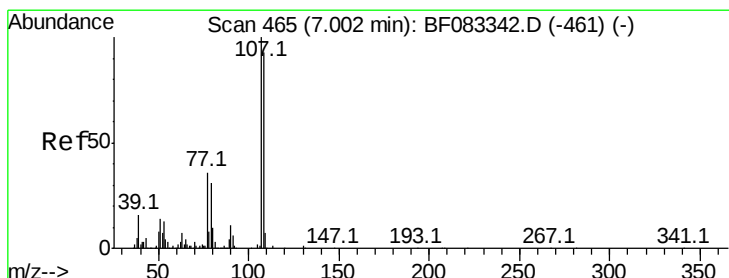
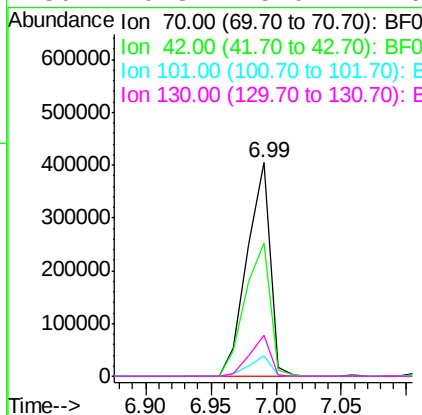
#19
n-Nitroso-di-n-propylamine
Concen: 47.65 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.6	48.8	73.2		
101	9.6	7.1	10.7		
130	19.3	15.0	22.6		

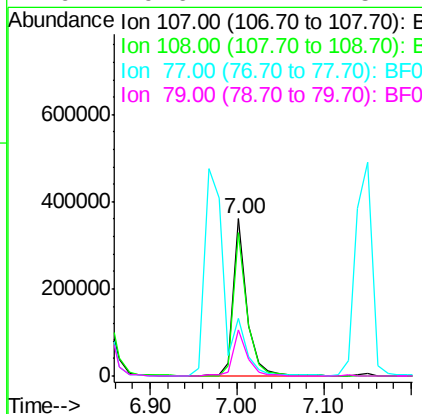
Manual Integrations
APPROVED

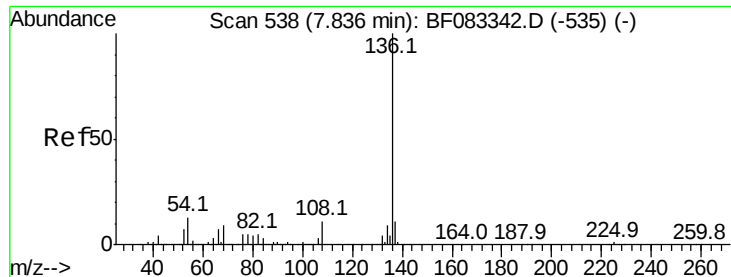
Mmdadoda
12/2/2015 6:12:59 PM



#20
3+4-Methylphenols
Concen: 28.83 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8	73.0	113.0		
77	36.8	16.8	56.8		
79	29.6	11.4	51.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

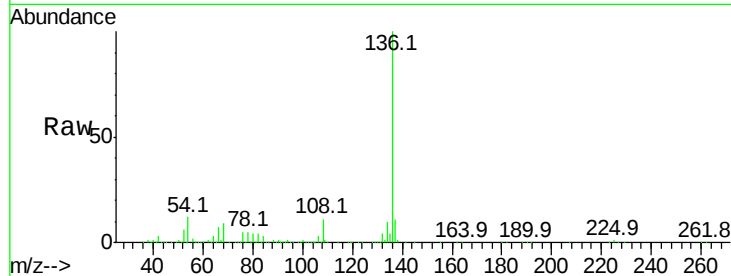
ClientSampleId :

MW-01MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.0	10.1	15.1
68	8.6	7.1	10.7

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

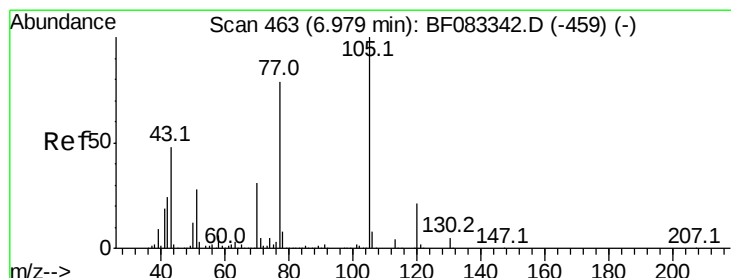
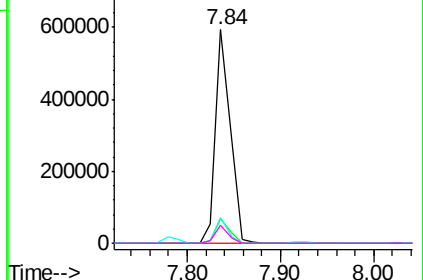
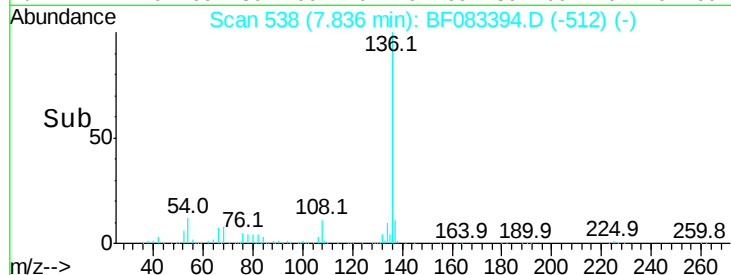


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.42 ng

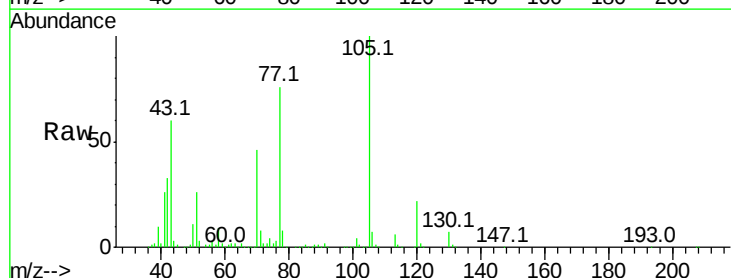
RT: 6.98 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.9	4.3	6.5#
51	25.9	22.9	34.3
120	21.7	16.7	25.1

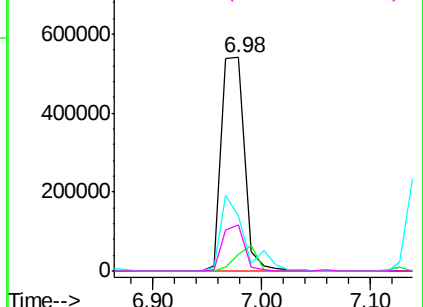
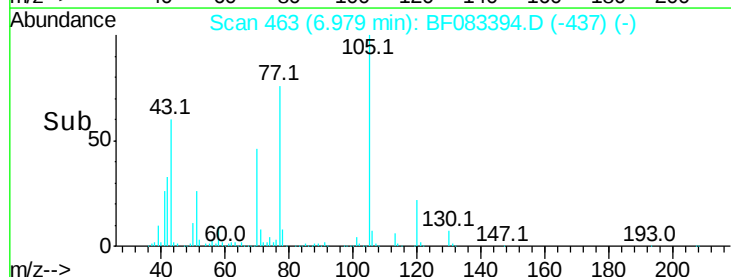


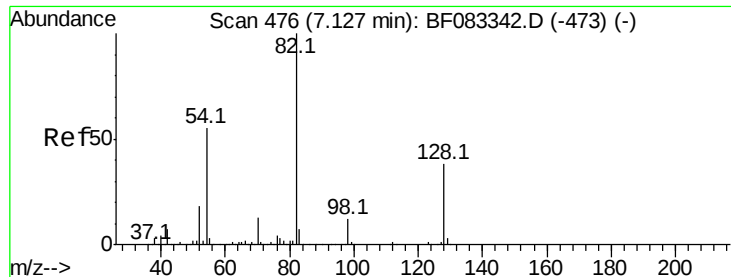
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.83 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion: 82 Resp: 1290868

Ion Ratio Lower Upper

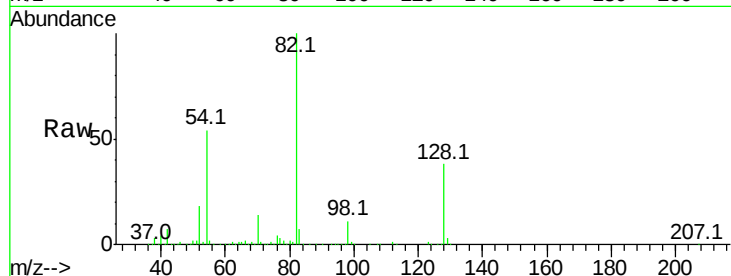
82 100

128 38.2 30.6 46.0

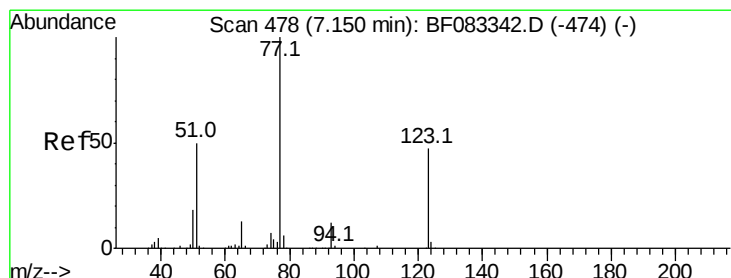
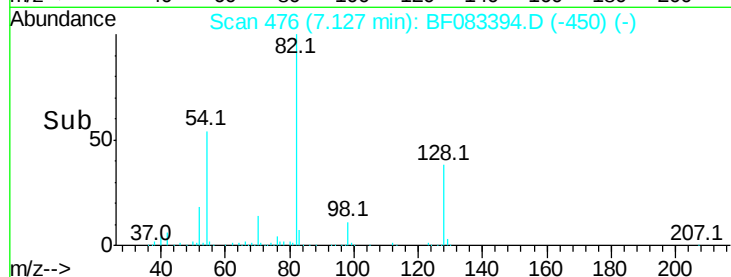
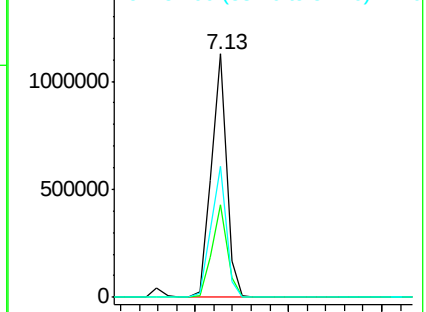
54 53.9 43.8 65.6

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.93 ng

RT: 7.15 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

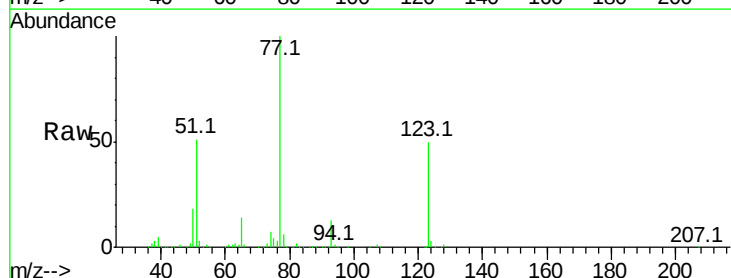
Tgt Ion: 77 Resp: 642343

Ion Ratio Lower Upper

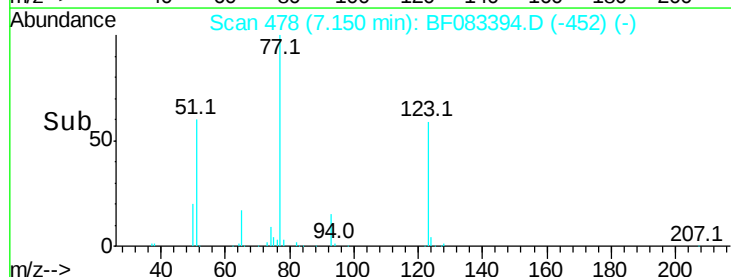
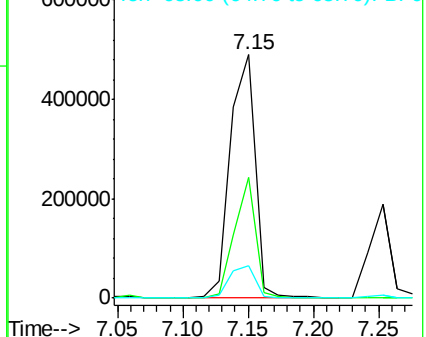
77 100

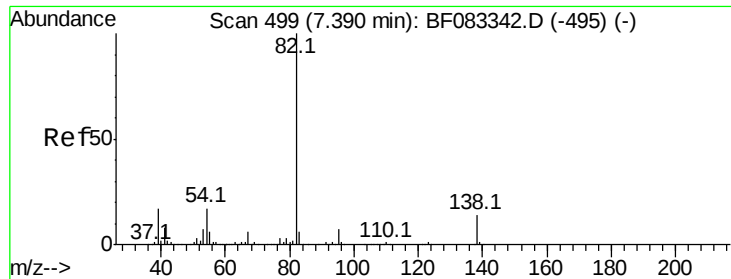
123 49.7 37.4 56.0

65 13.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.81 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampled :

MW-01MSD

Tot Ion: 82 Resp: 1247161

Ion Ratio Lower Upper

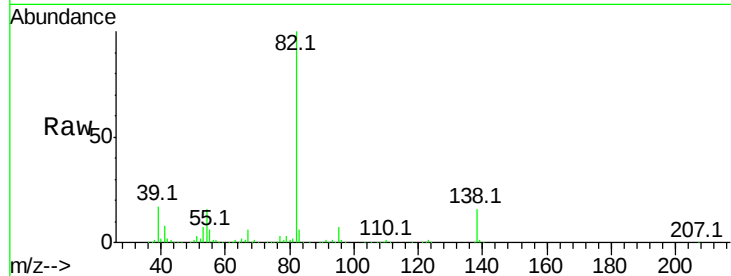
82 100

95 6.9 5.3 7.9

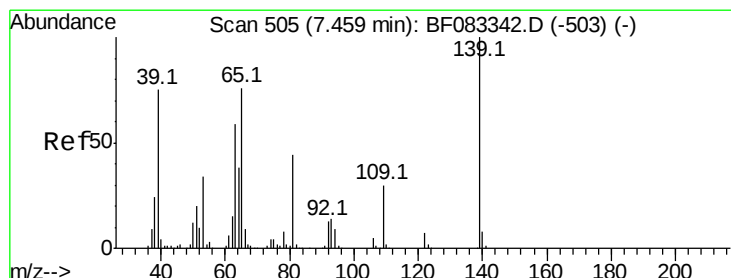
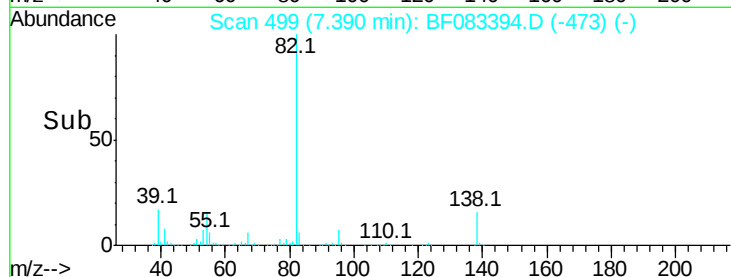
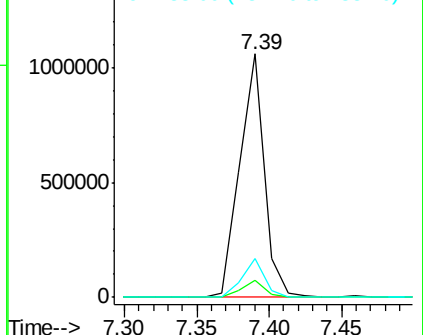
138 16.1 11.6 17.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.76 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

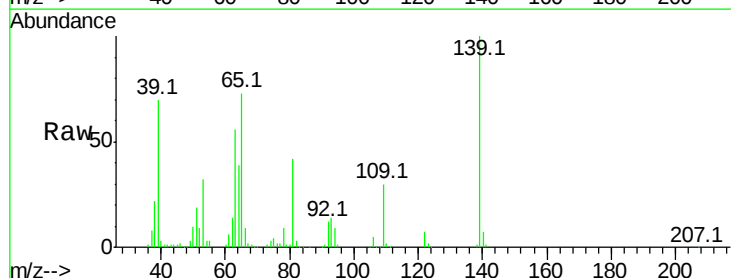
Tgt Ion: 139 Resp: 261132

Ion Ratio Lower Upper

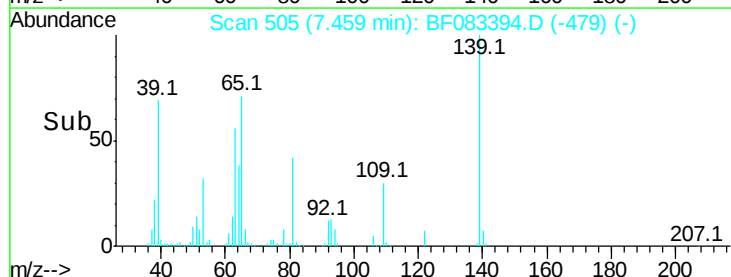
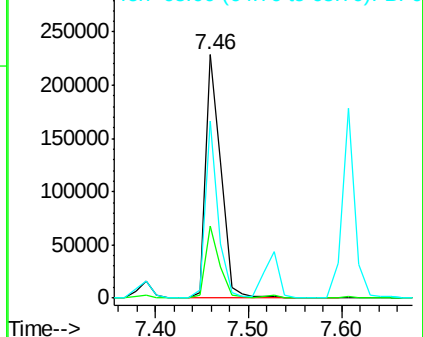
139 100

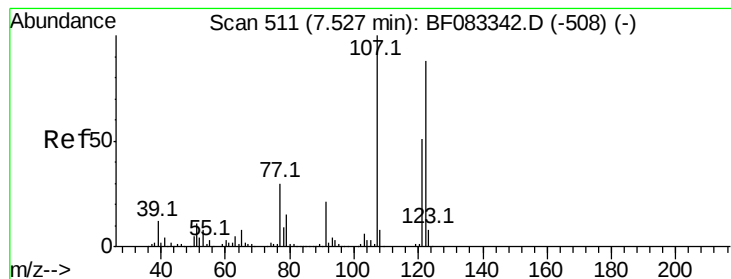
109 29.8 24.2 36.4

65 72.7 61.0 91.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





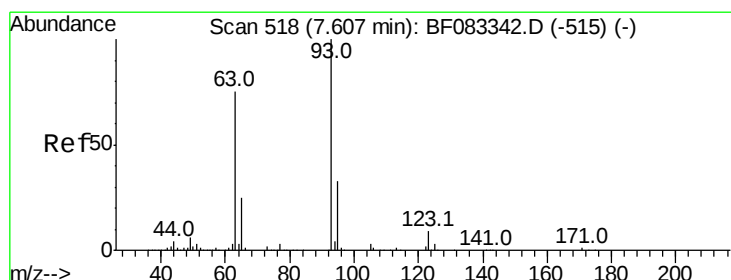
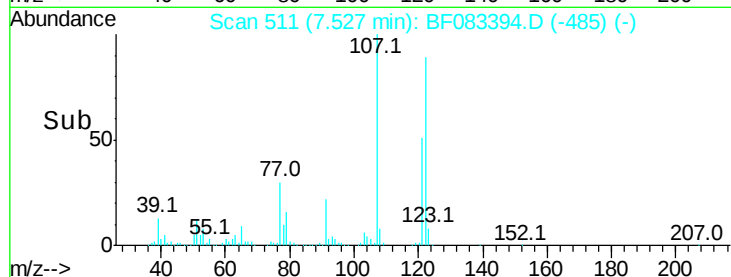
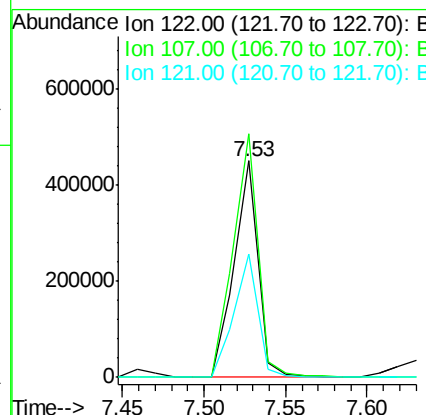
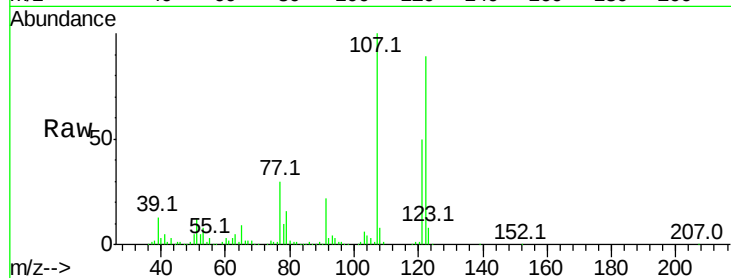
#27
 2,4-Dimethylphenol
 Concen: 42.38 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	455095		
107	112.4	91.2	136.8	
121	56.7	46.4	69.6	

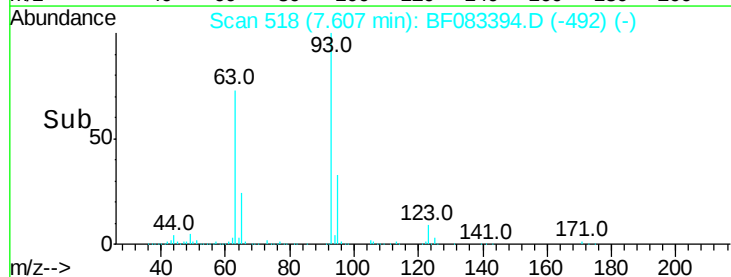
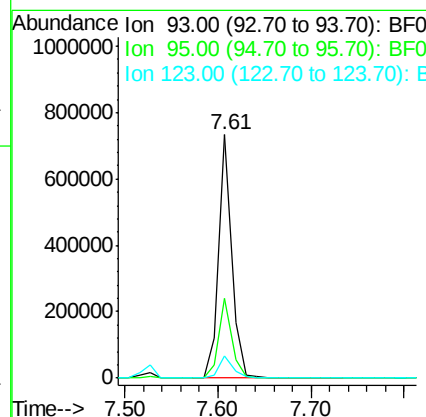
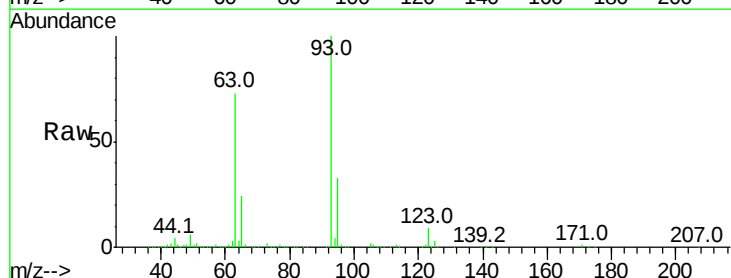
Manual Integrations
 APPROVED

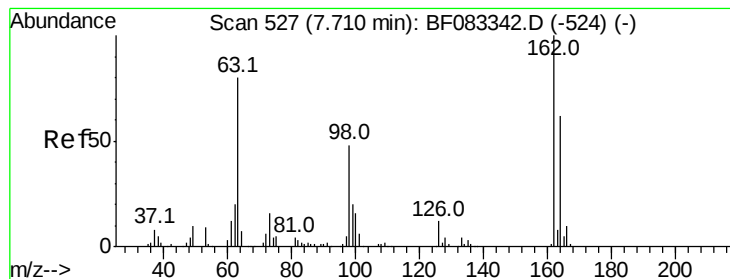
Mmdadoda
 12/2/2015 6:12:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.22 ng
 RT: 7.61 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	716978		
95	32.6	26.1	39.1	
123	9.4	7.4	11.0	





#29

2,4-Dichlorophenol

Concen: 41.82 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

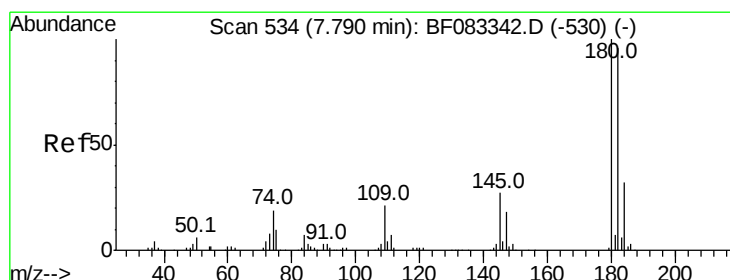
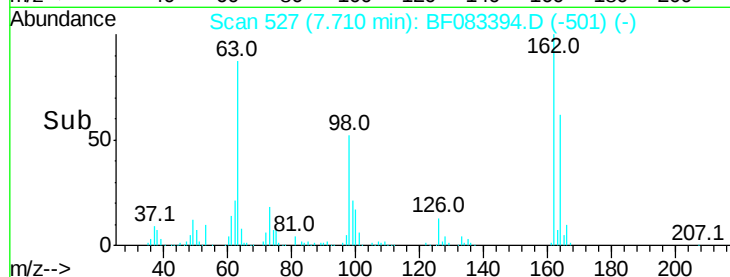
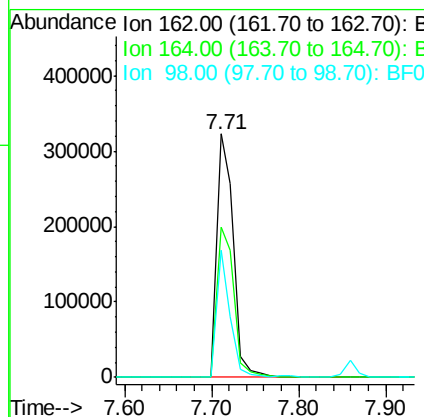
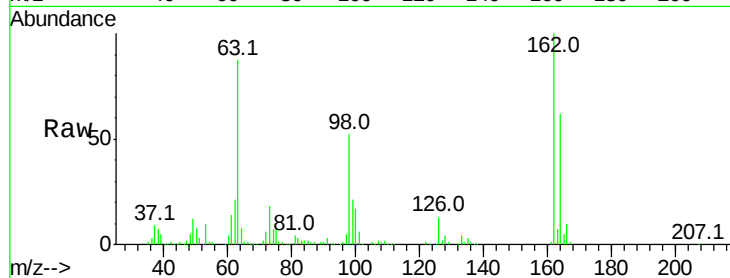
ClientSampleId :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion:	162	Resp:	431928
Ion Ratio	Lower	Upper	
162	100		
164	61.7	41.9	81.9
98	52.1	28.1	68.1



#30

1,2,4-Trichlorobenzene

Concen: 40.39 ng

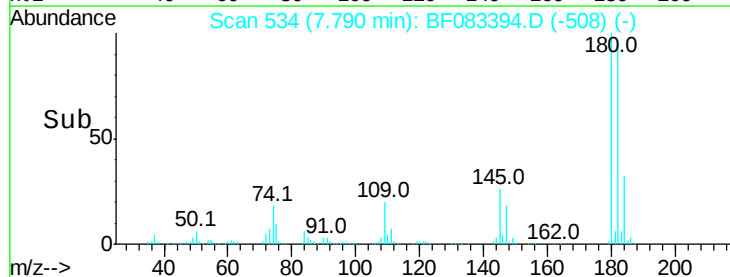
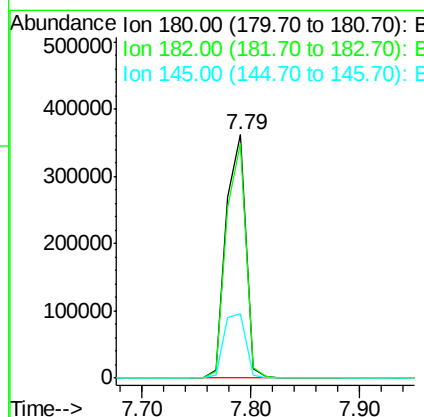
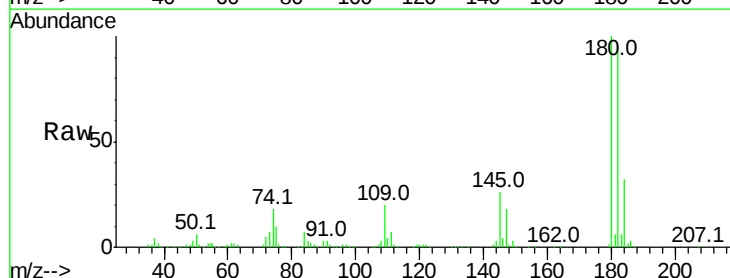
RT: 7.79 min Scan# 534

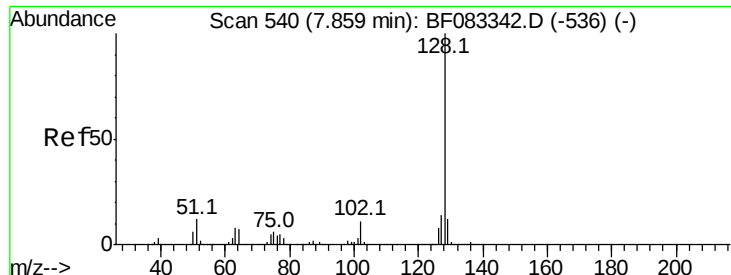
Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	180	Resp:	454126
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.2	115.8
145	26.2	21.4	32.2





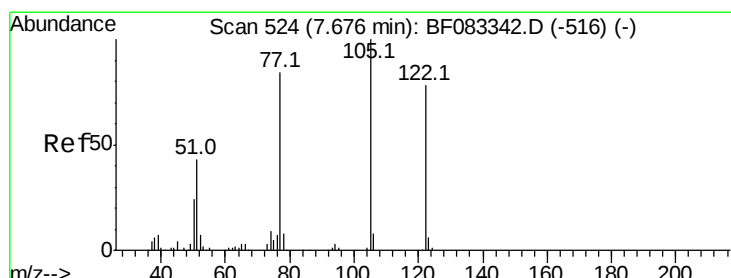
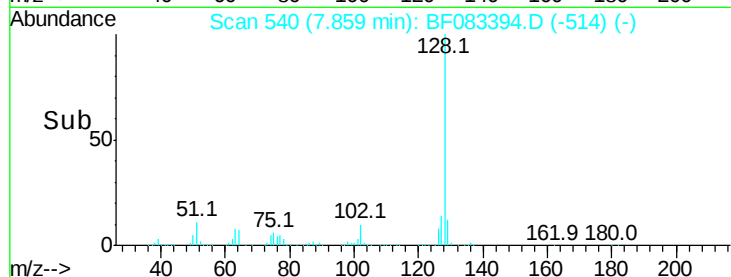
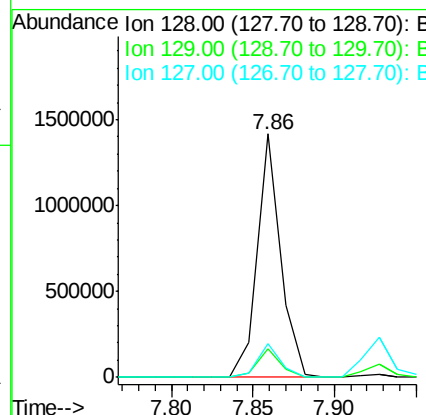
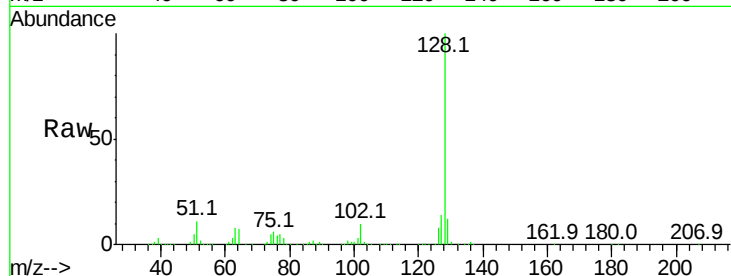
#31
Naphthalene
Concen: 40.41 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	14.0	11.0	16.4

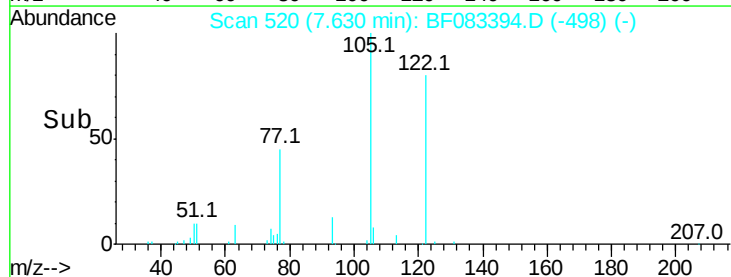
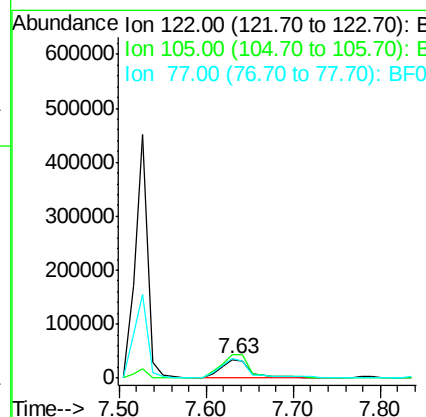
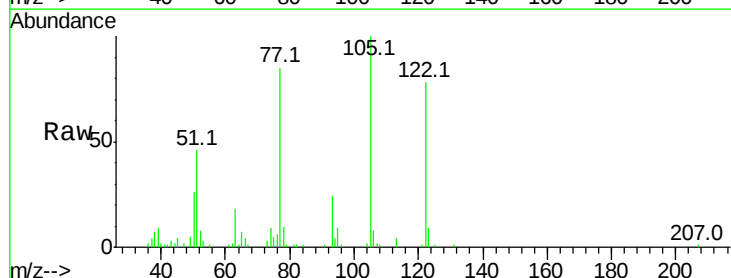
Manual Integrations
APPROVED

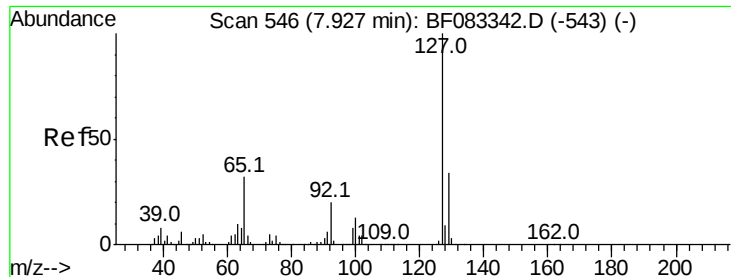
Mmdadoda
12/2/2015 6:12:59 PM



#32
Benzoic acid
Concen: 10.85 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.0	146.0
77	108.4	86.3	126.3





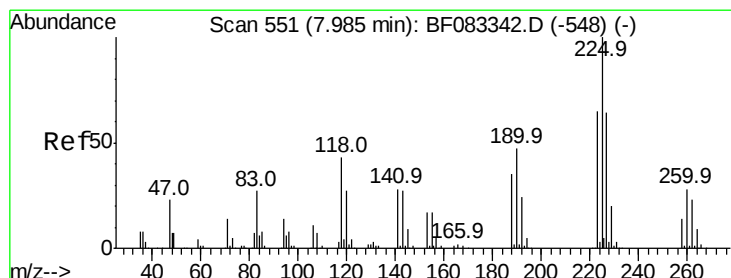
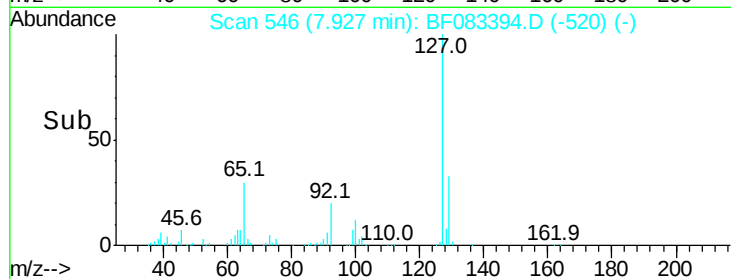
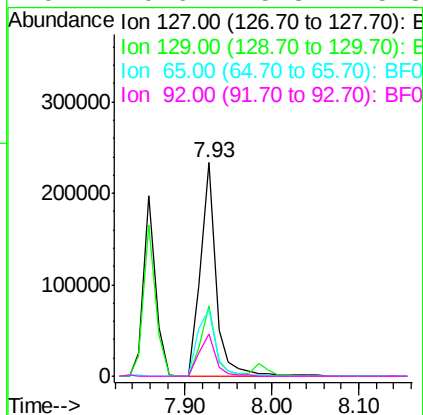
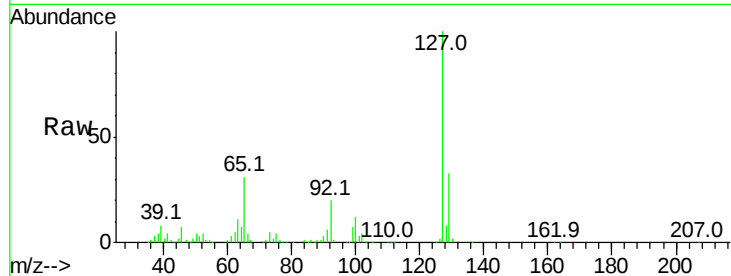
#33
4-Chloroaniline
Concen: 19.04 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	27.0	40.4
65	31.4	25.9	38.9
92	19.6	15.8	23.8

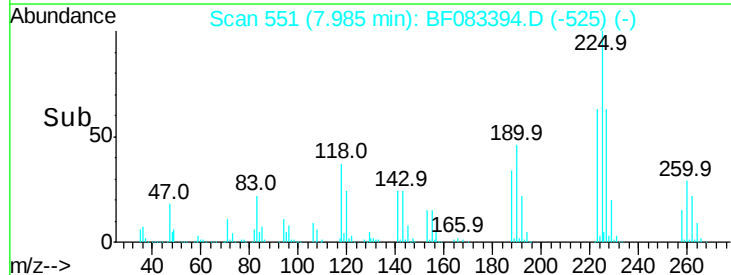
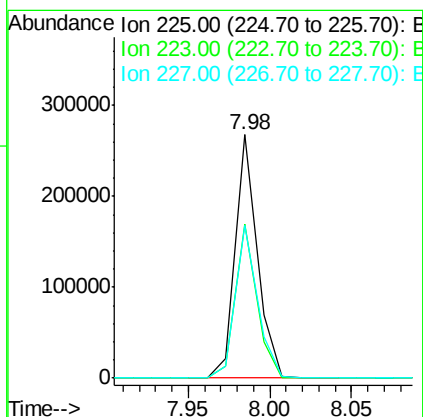
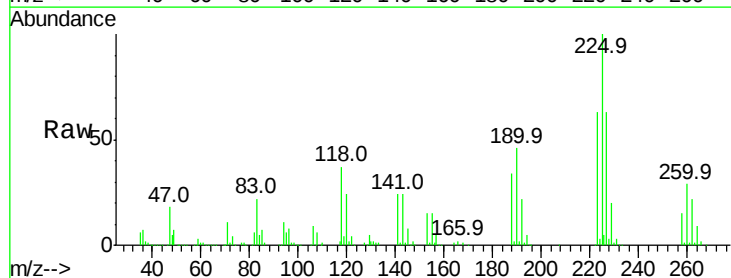
Manual Integrations
APPROVED

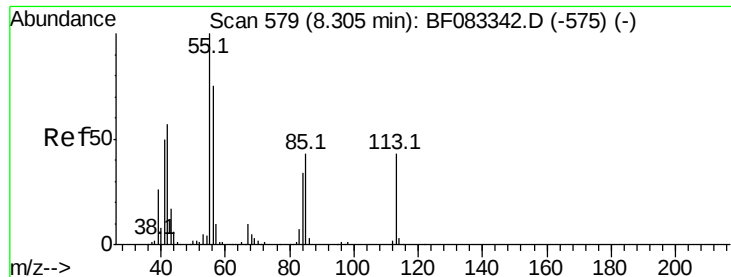
Mmdadoda
12/2/2015 6:12:59 PM



#34
Hexachlorobutadiene
Concen: 38.87 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	52.0	78.0
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 8.97 ng

RT: 8.30 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

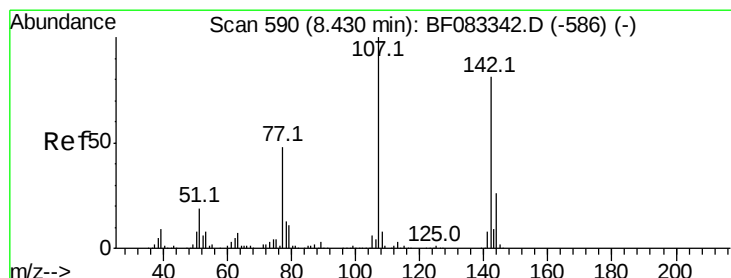
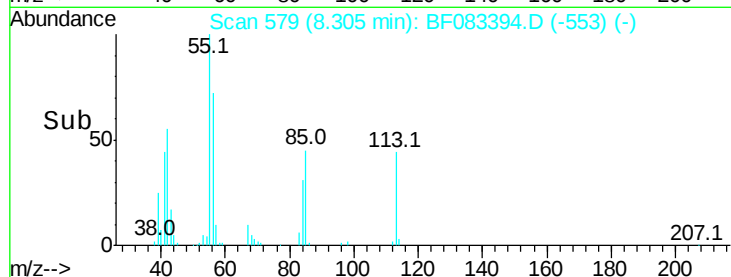
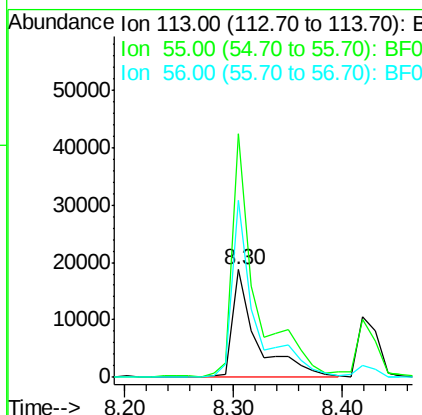
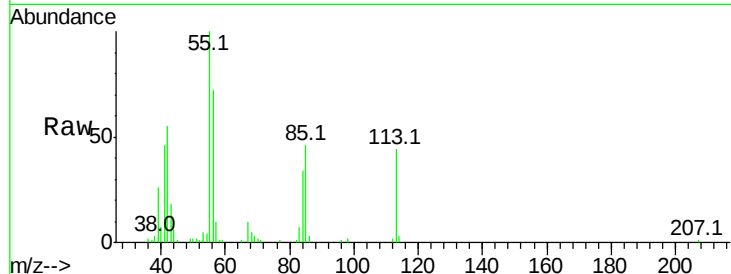
ClientSampleId :

MW-01MSD

Tot Ion:	113	Resp:	29270
Ion Ratio	Lower	Upper	
113	100		
55	226.2	211.6	251.6
56	164.0	153.0	193.0

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#36

4-Chloro-3-methylphenol

Concen: 40.74 ng

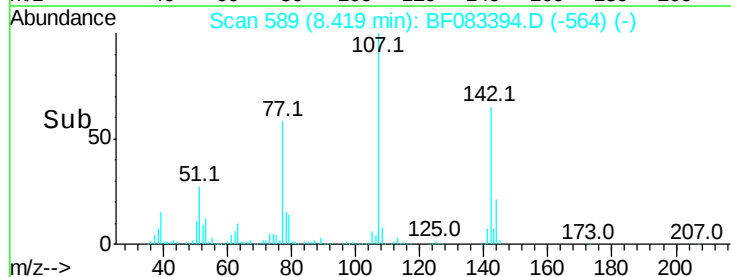
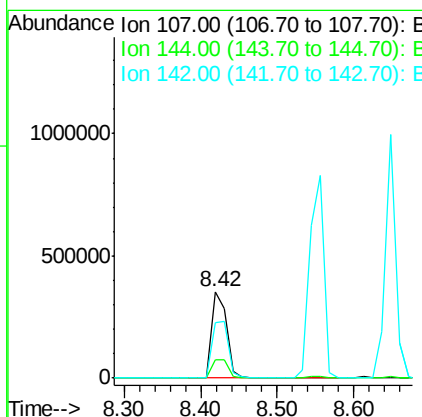
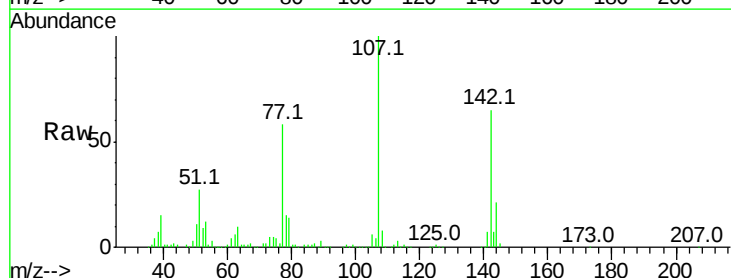
RT: 8.42 min Scan# 589

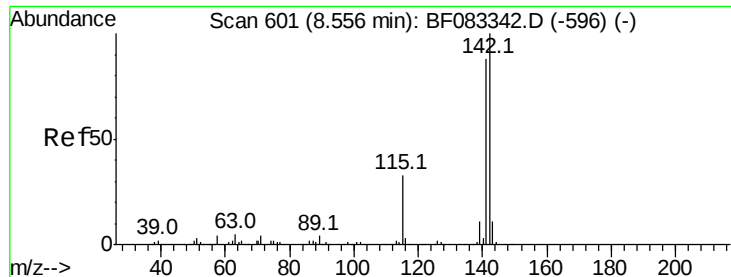
Delta R.T. -0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	107	Resp:	471995
Ion Ratio	Lower	Upper	
107	100		
144	20.7	21.1	31.7#
142	64.6	65.1	97.7#





#37

2-Methylnaphthalene

Concen: 44.37 ng

RT: 8.56 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

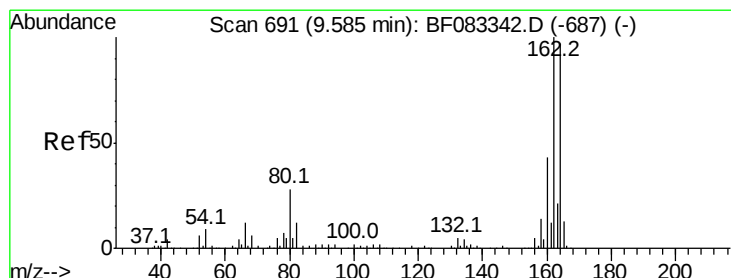
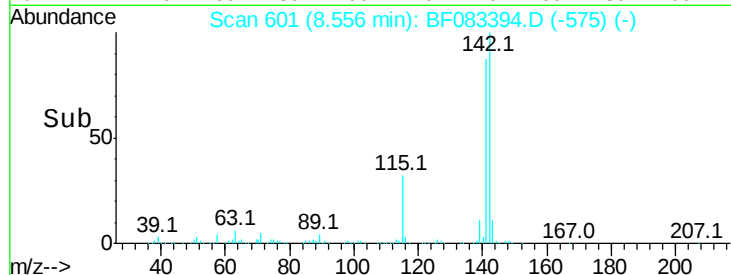
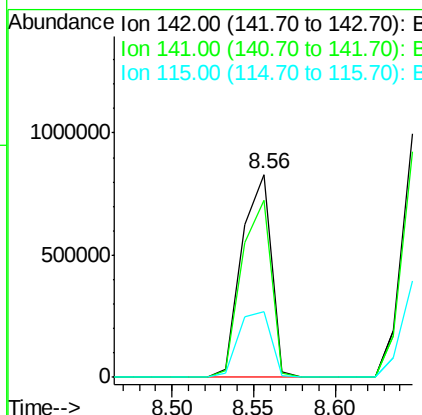
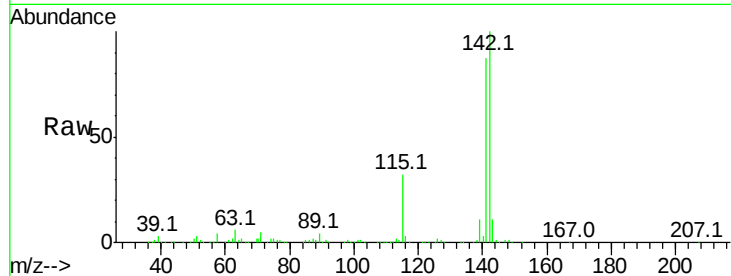
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:142 Resp: 1039552

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.6	105.8
115	32.4	26.2	39.2

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

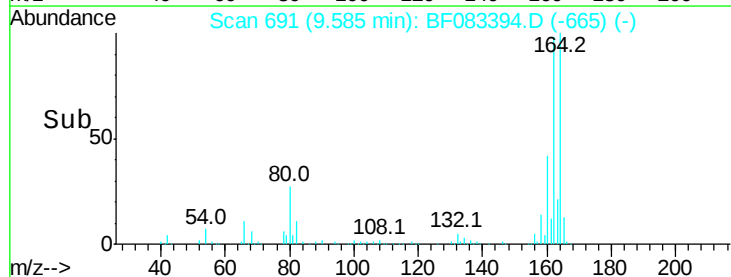
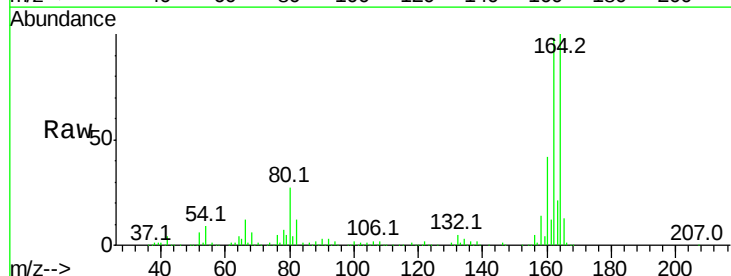
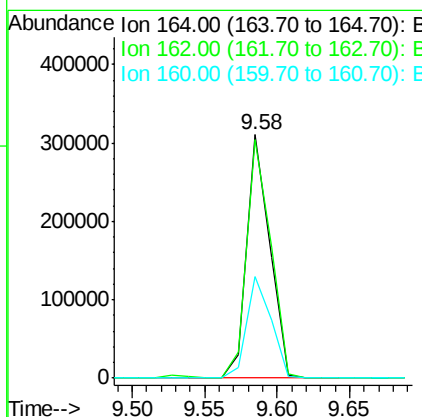
Delta R.T. 0.00 min

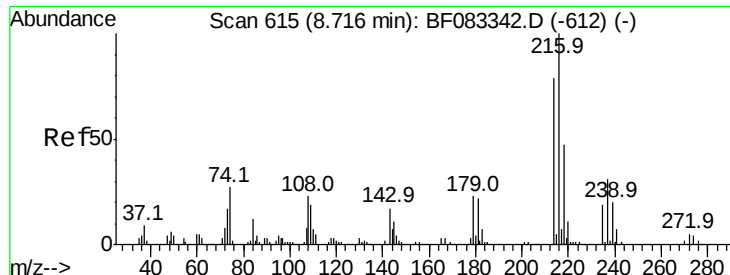
Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:164 Resp: 342429

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	123.8
160	41.7	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.95 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

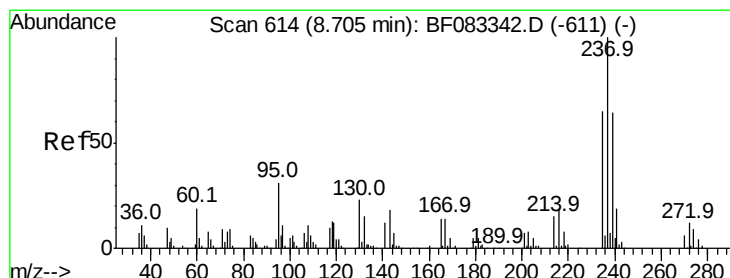
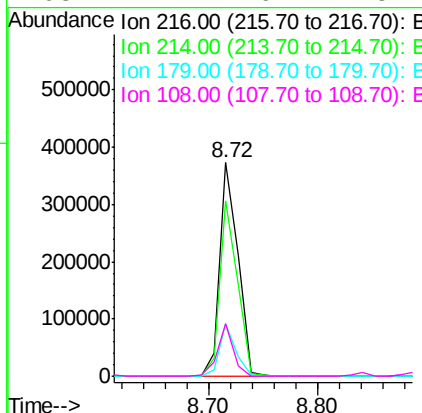
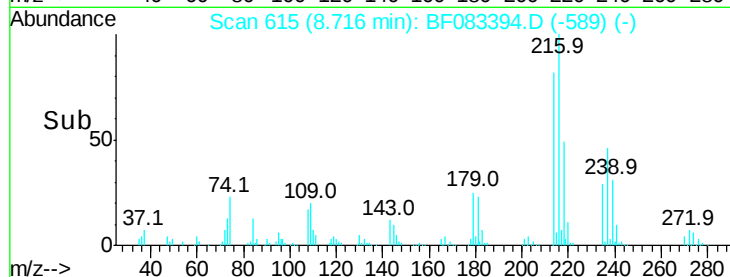
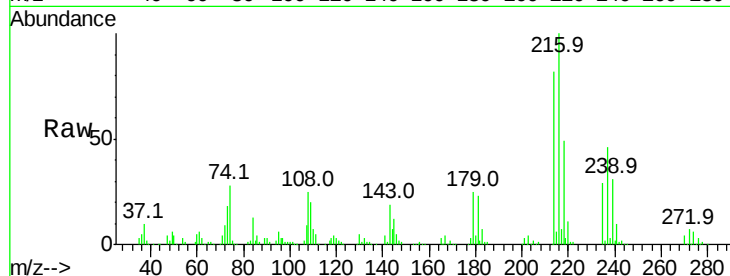
ClientSampleId :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion	Ratio	Resp	Lower	Upper
216	100	433671		
214	80.0	62.3	93.5	
179	21.9	17.0	25.4	
108	21.7	16.7	25.1	



#40

Hexachlorocyclopentadiene

Concen: 62.71 ng

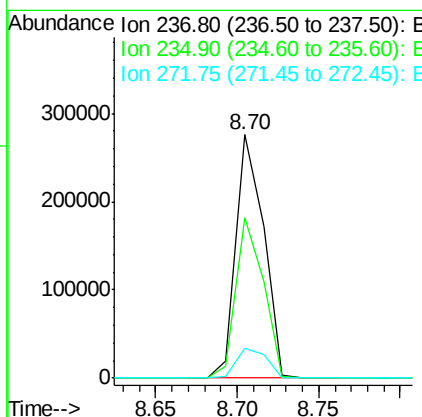
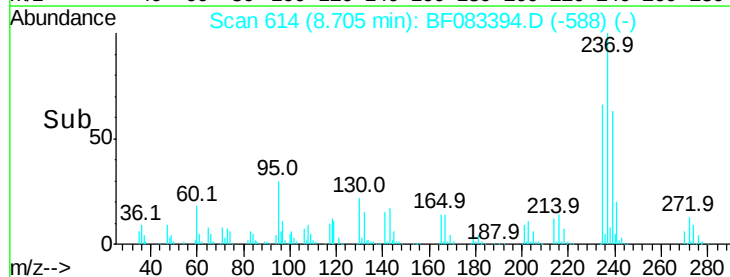
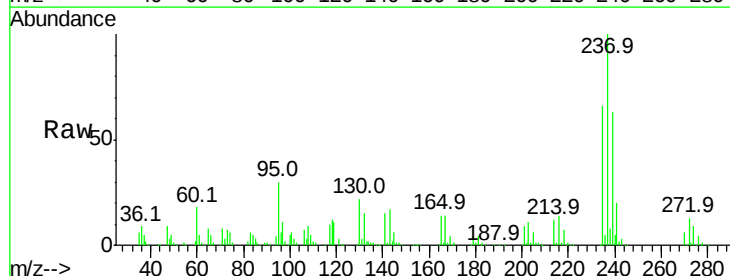
RT: 8.70 min Scan# 614

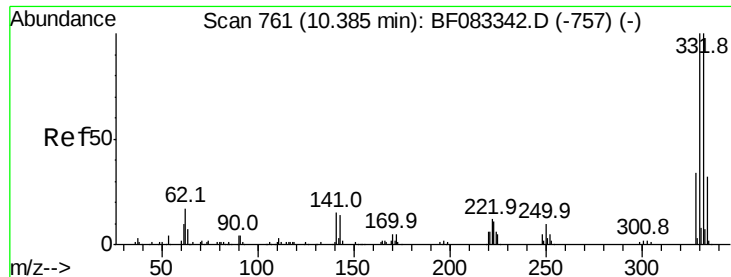
Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	323337		
235	65.8	44.5	84.5	
272	12.5	0.0	31.6	





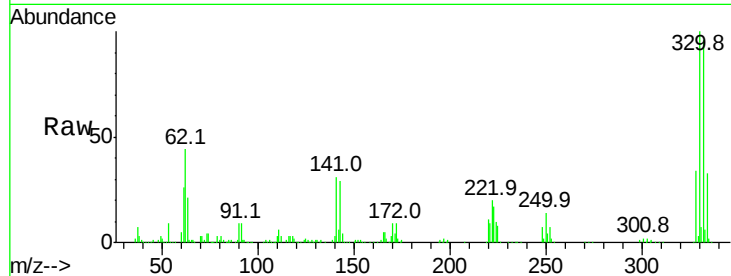
#41
 2,4,6-Tribromophenol
 Concen: 131.21 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

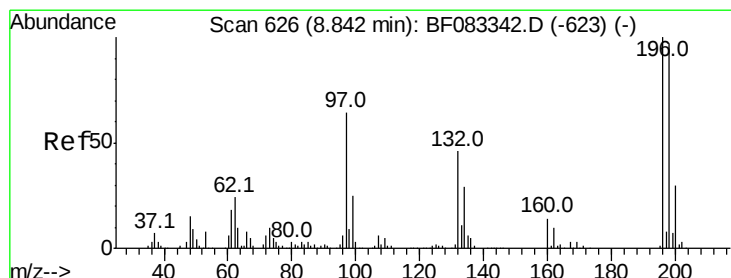
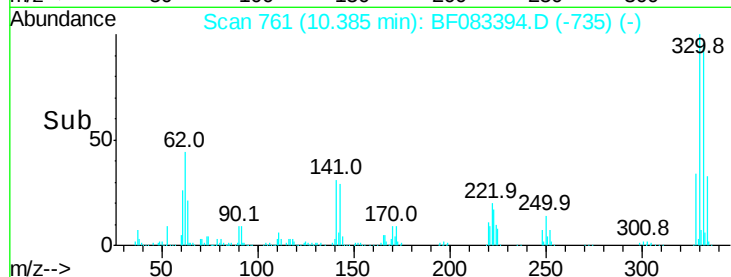
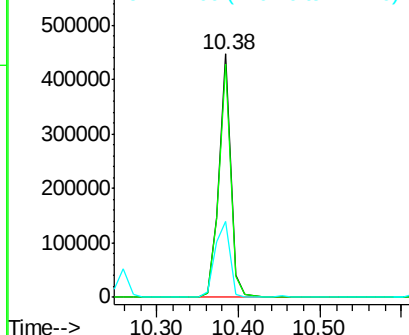
Tot Ion	Ratio	Resp	Lower	Upper
330	100	451027		
332	96.9	77.8	116.6	
141	39.5	29.4	44.0	

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:59 PM



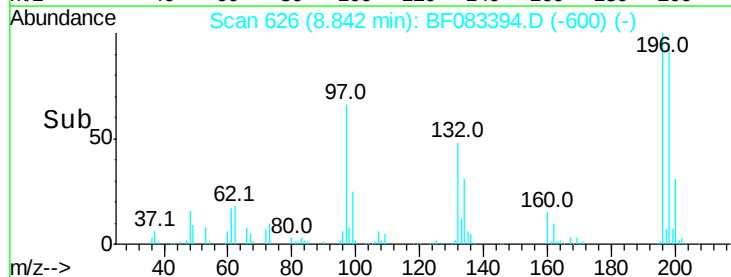
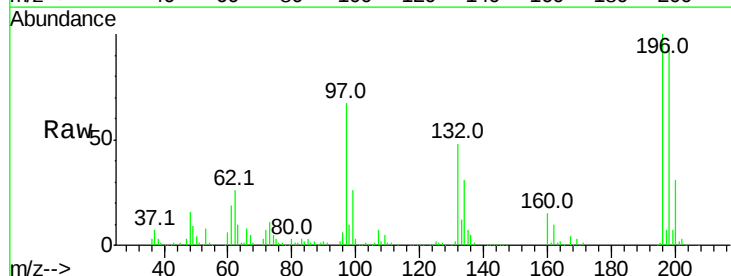
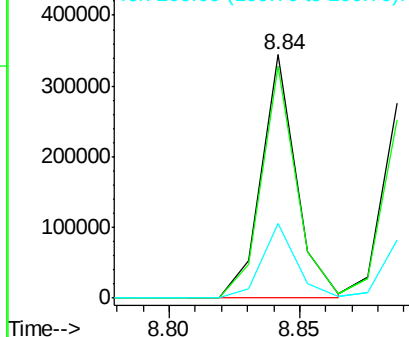
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

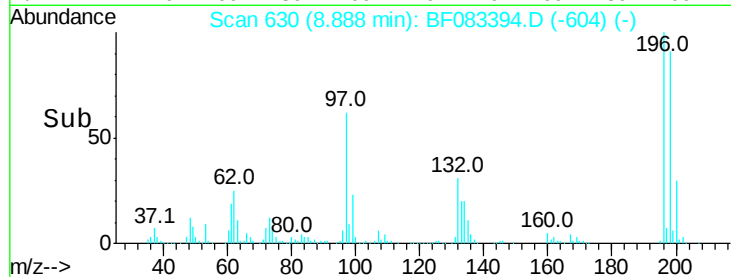
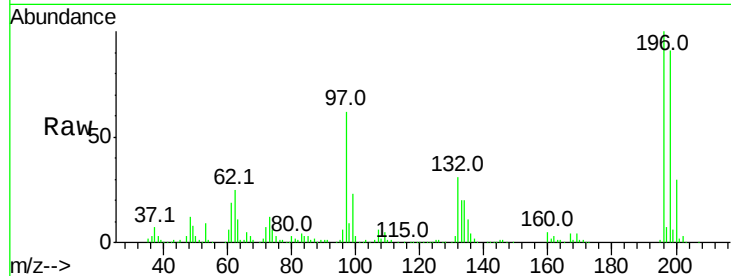
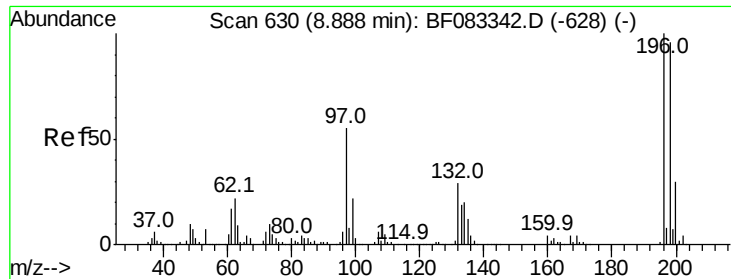


#42
 2,4,6-Trichlorophenol
 Concen: 42.30 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322080		
198	95.3	77.2	115.8	
200	30.7	24.2	36.4	

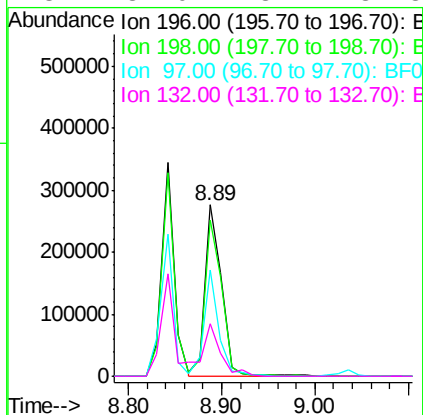
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 43.46 ng
RT: 8.89 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

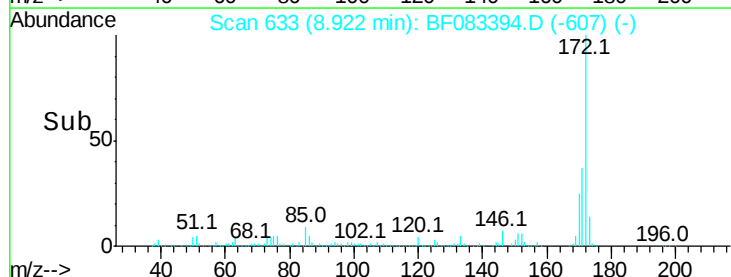
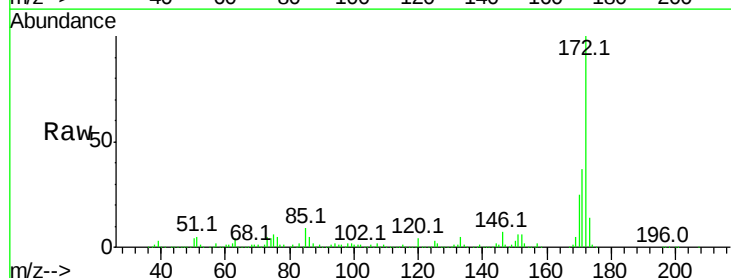
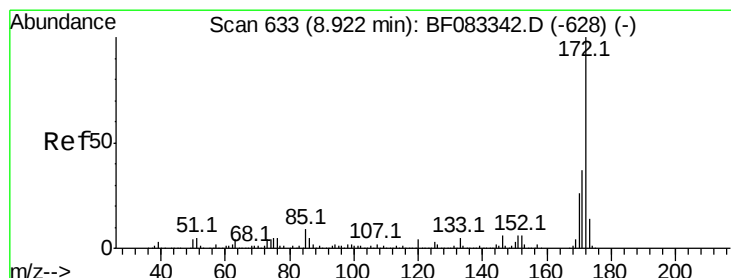
Tot Ion	Ratio	Resp	Lower	Upper
196	100	342872		
198	91.5	77.2	115.8	
97	61.7	44.4	66.6	
132	31.0	23.2	34.8	



Instrument :
BNA_F
ClientSampleId :
MW-01MSD

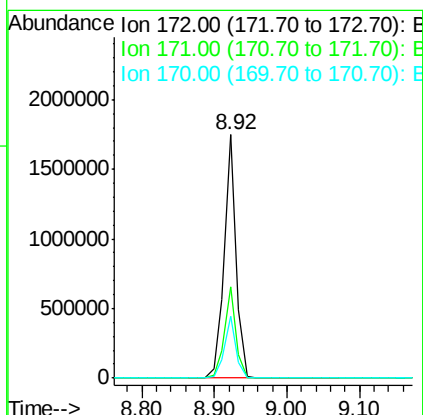
Manual Integrations
APPROVED

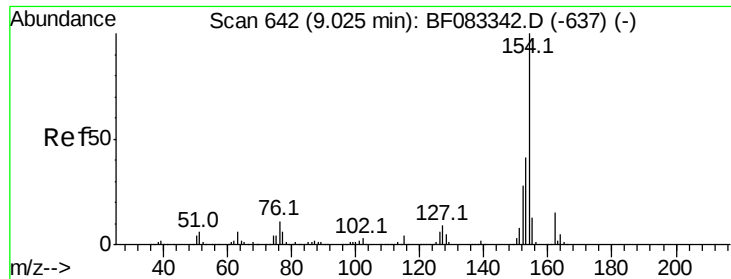
Mmdadoda
12/2/2015 6:12:59 PM



#44
2-Fluorobiphenyl
Concen: 82.64 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1985900		
171	37.4	29.4	44.0	
170	25.4	20.4	30.6	





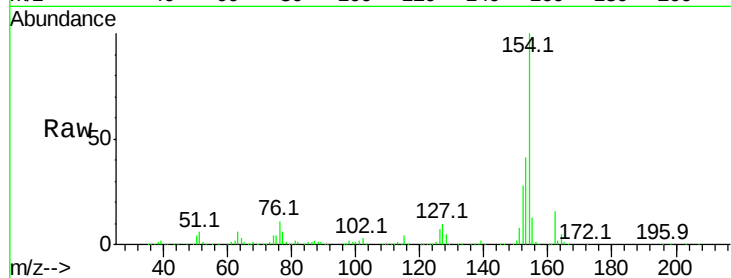
#45
 1,1'-Biphenyl
 Concen: 41.69 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

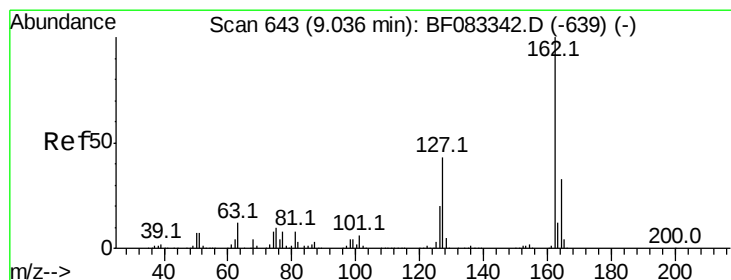
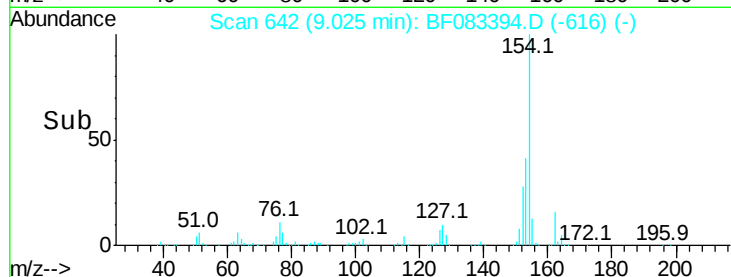
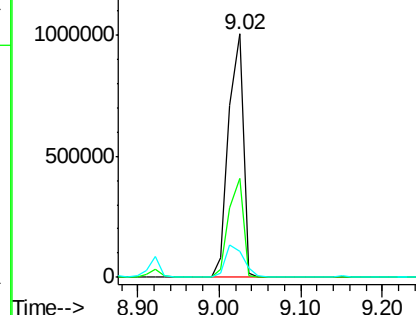
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	10.9	0.0	30.5

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:59 PM

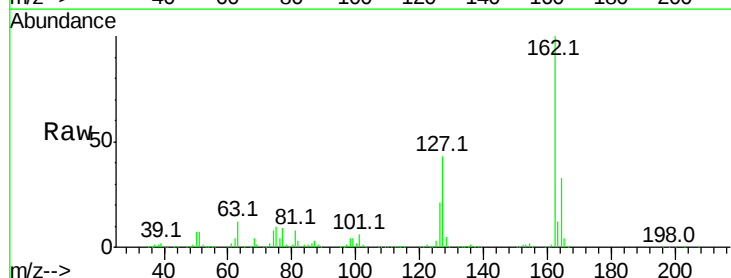


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

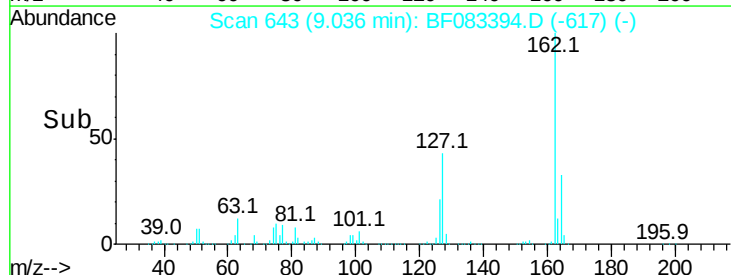
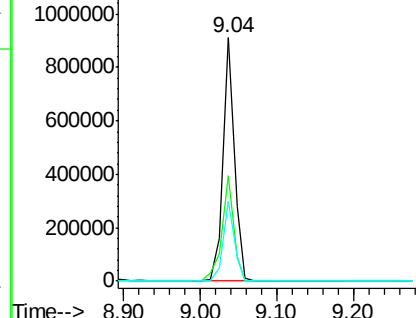


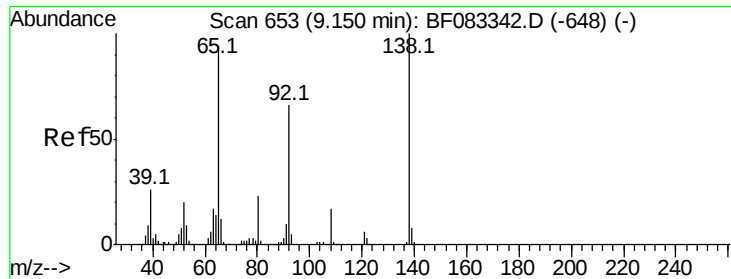
#46
 2-Chloronaphthalene
 Concen: 41.29 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.1	51.1
164	33.0	26.6	39.8



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





#47

2-Nitroaniline

Concen: 47.16 ng

RT: 9.15 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampleId :

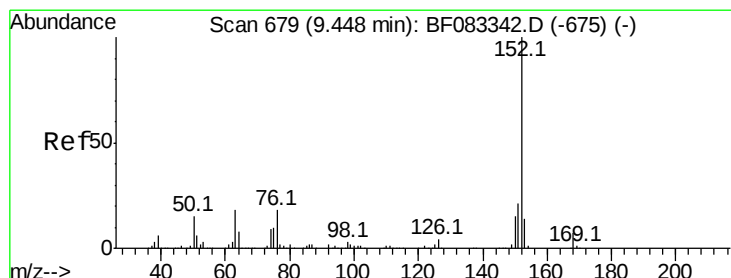
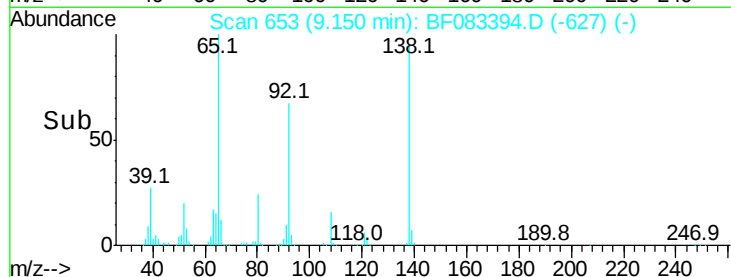
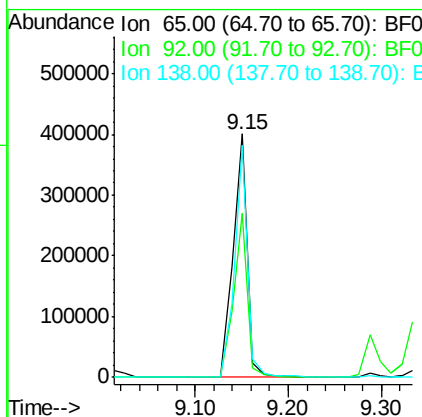
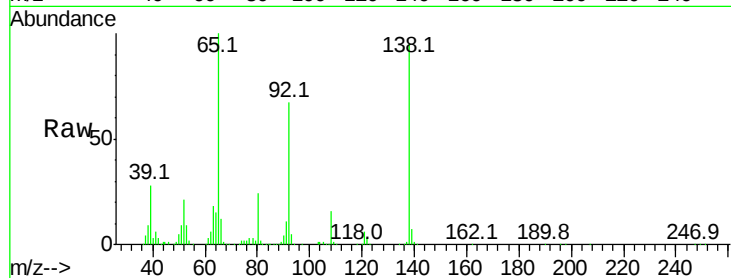
MW-01MSD

Manual Integrations
APPROVED

Mmdadoda

12/2/2015 6:12:59 PM

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	56.2	84.4
138	95.1	85.4	128.0



#48

Acenaphthylene

Concen: 40.84 ng

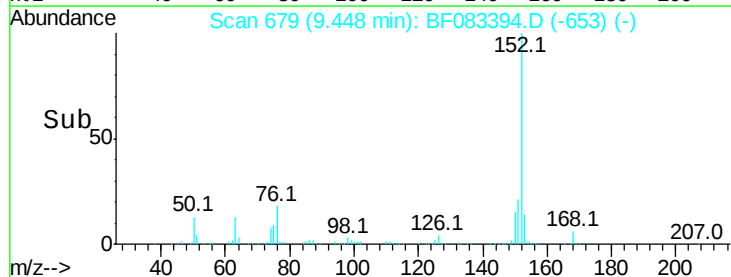
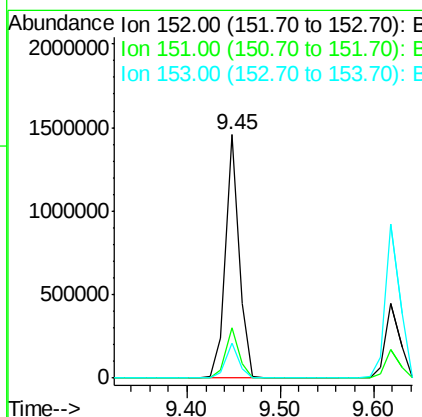
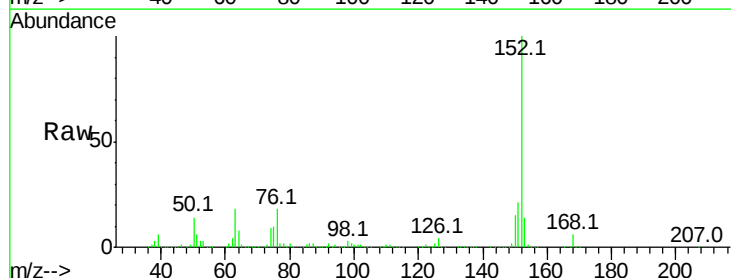
RT: 9.45 min Scan# 679

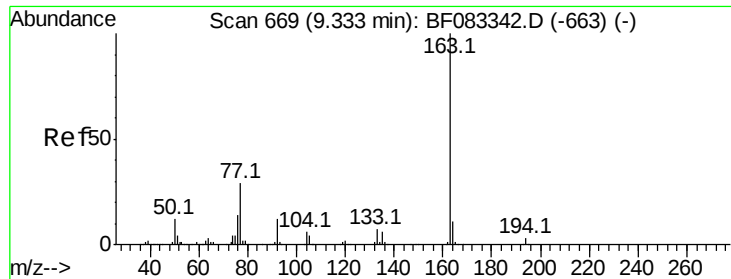
Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	14.2	11.2	16.8





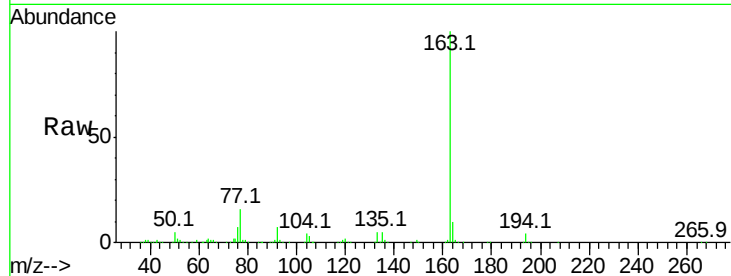
#49
Dimethylphthalate
Concen: 45.03 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

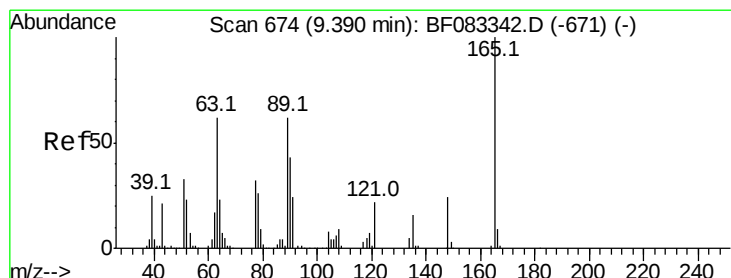
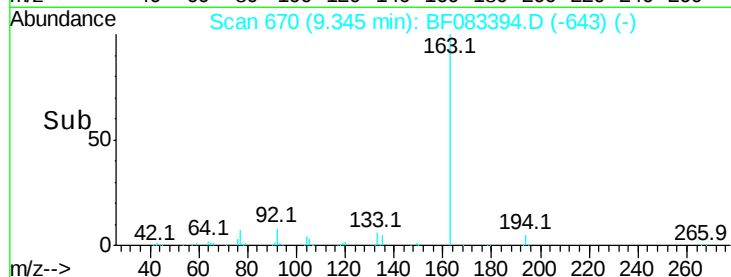
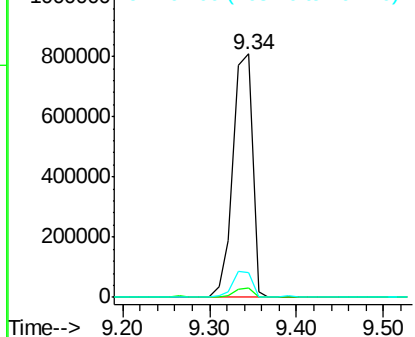
Tot Ion:163 Resp: 1253186
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.8 13.2

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

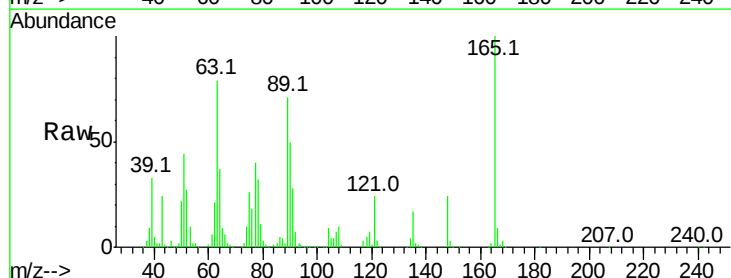


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

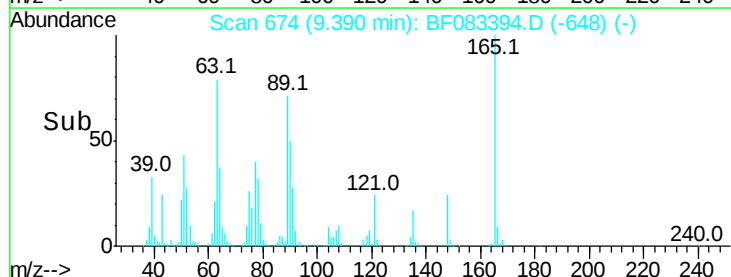
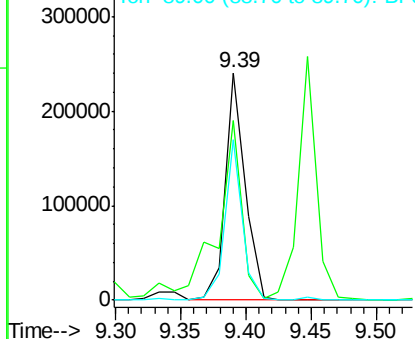


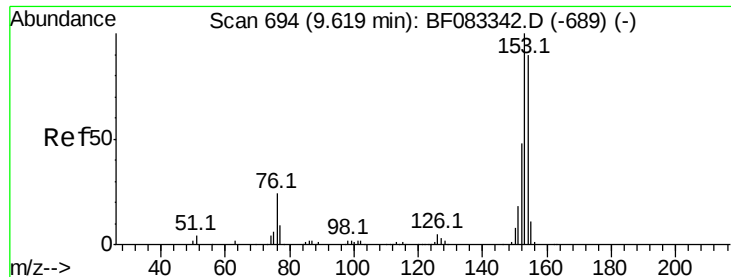
#50
2,6-Dinitrotoluene
Concen: 42.77 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion:165 Resp: 254172
Ion Ratio Lower Upper
165 100
63 79.1 56.0 84.0
89 70.9 49.8 74.8



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: 41.19 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

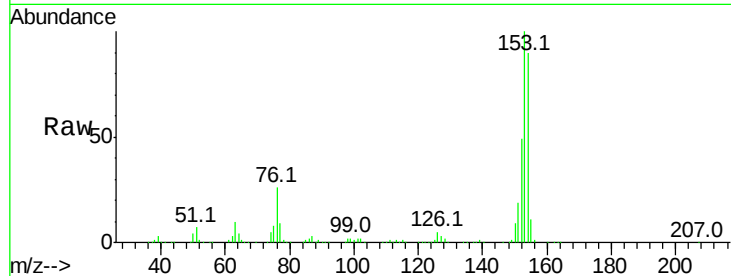
ClientSampleId :

MW-01MSD

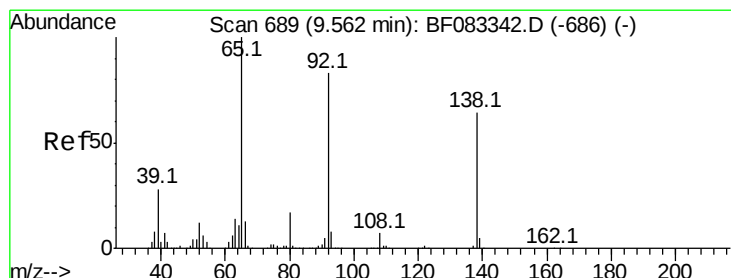
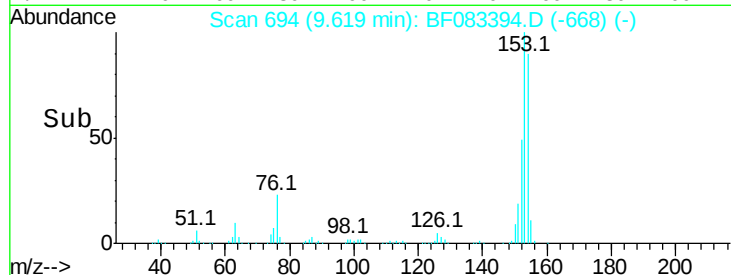
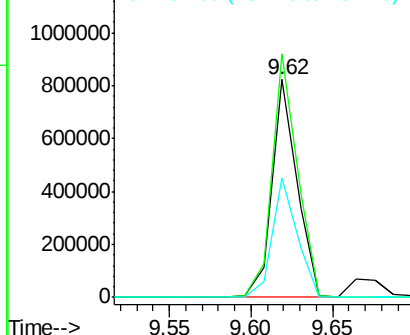
Tot Ion:	154	Resp:	884227
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.3	133.9
152	54.5	42.5	63.7

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



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: 24.06 ng

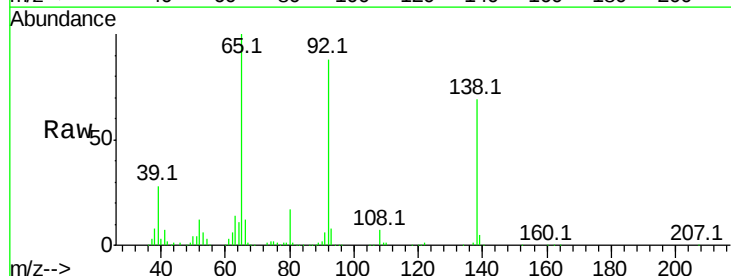
RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

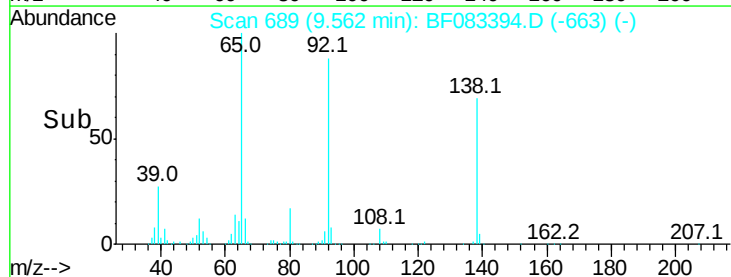
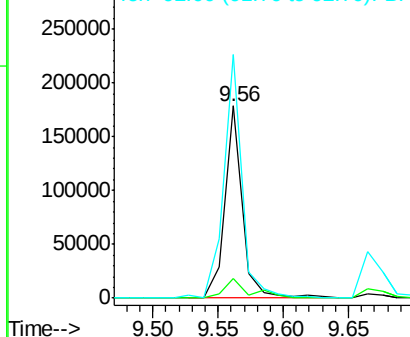
Lab File: BF083394.D

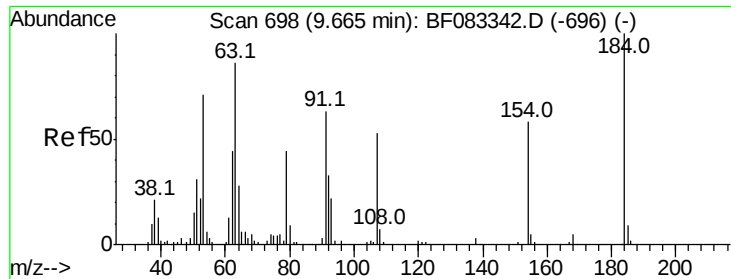
Acq: 2 Dec 2015 2:02

Tgt Ion:	138	Resp:	167607
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.4	12.6
92	126.7	104.2	156.4



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





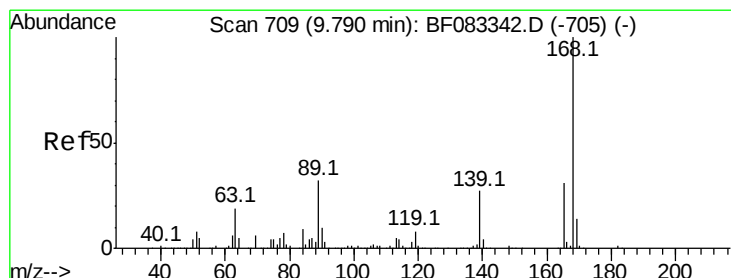
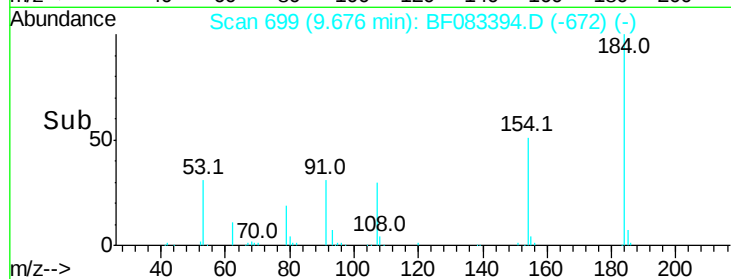
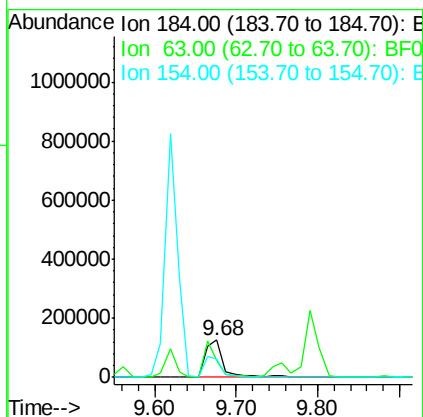
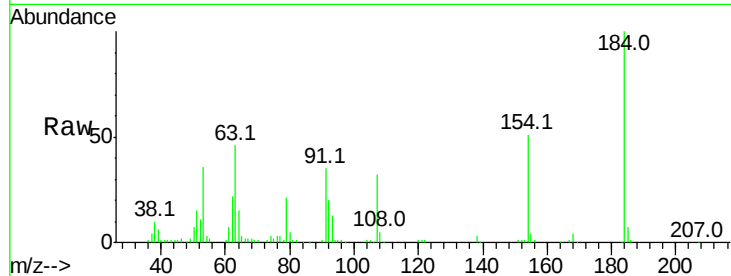
#53
2,4-Dinitrophenol
Concen: 56.87 ng
RT: 9.68 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	196475		
63	45.9	69.0	103.6#	
154	50.6	50.0	75.0	

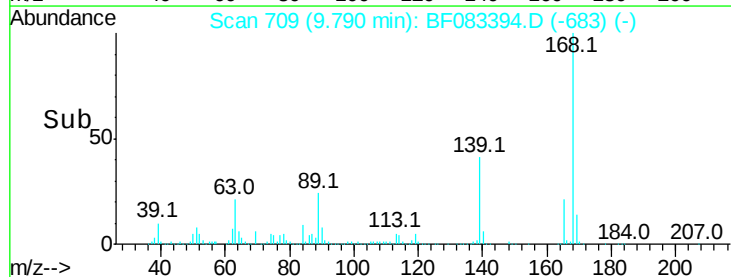
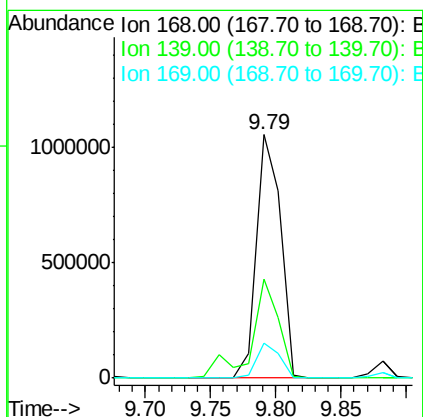
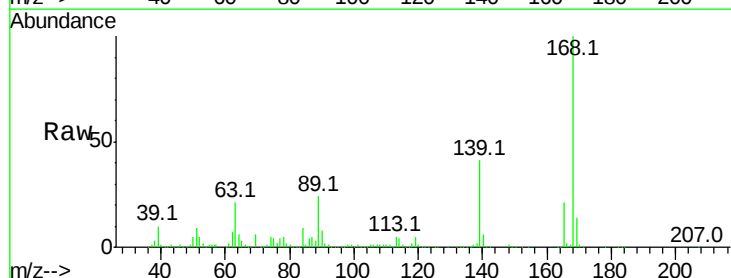
Manual Integrations
APPROVED

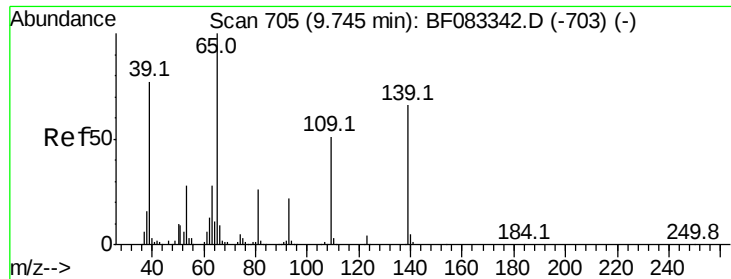
Mmdadoda
12/2/2015 6:12:59 PM



#54
Dibenzofuran
Concen: 43.56 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1370619		
139	40.6	32.7	49.1	
169	14.4	11.1	16.7	





#55

4-Nitrophenol

Concen: 24.11 ng/mL

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

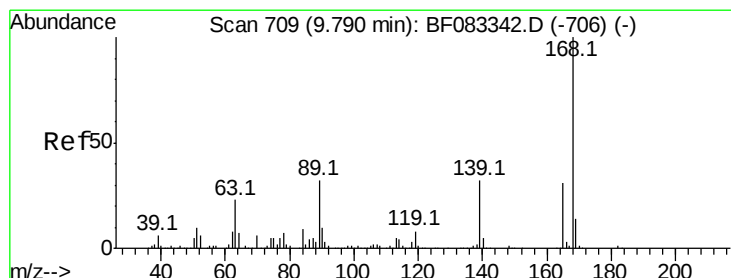
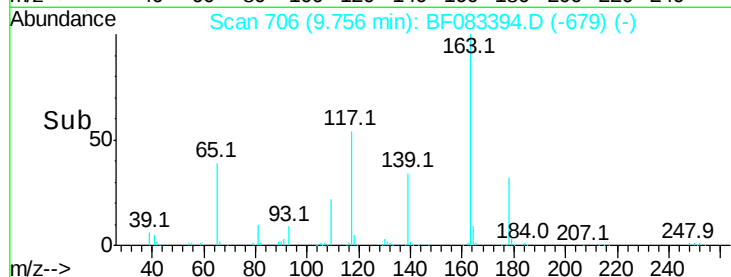
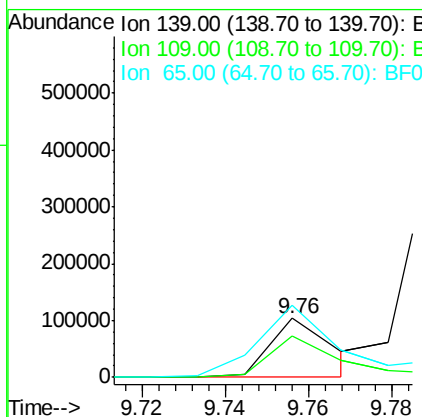
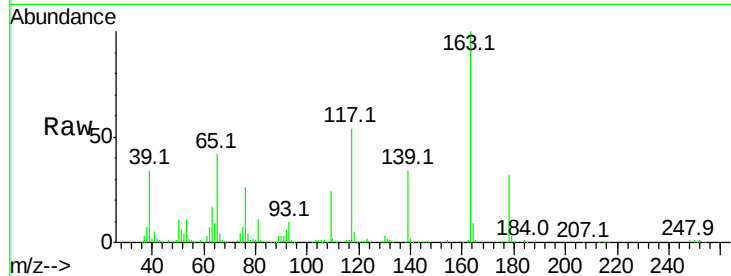
ClientSampled :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.4	57.4	97.4	
65	123.1	131.6	171.6	



#56

2,4-Dinitrotoluene

Concen: 47.67 ng/mL

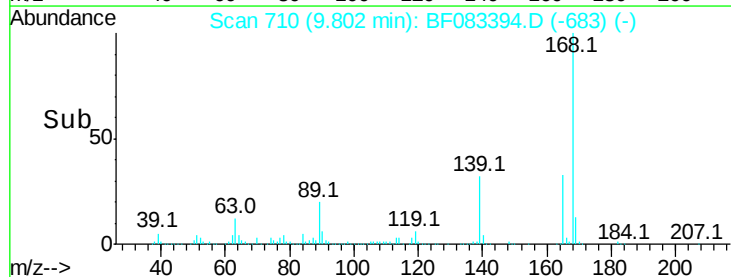
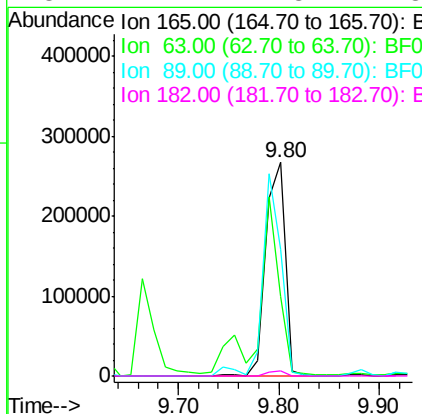
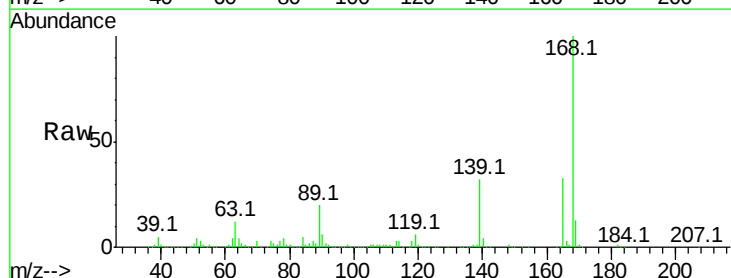
RT: 9.80 min Scan# 710

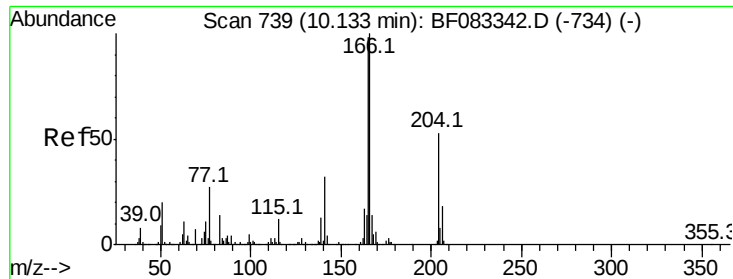
Delta R.T. 0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.2	65.4	98.0	
89	59.6	81.2	121.8	
182	2.2	1.8	2.8	





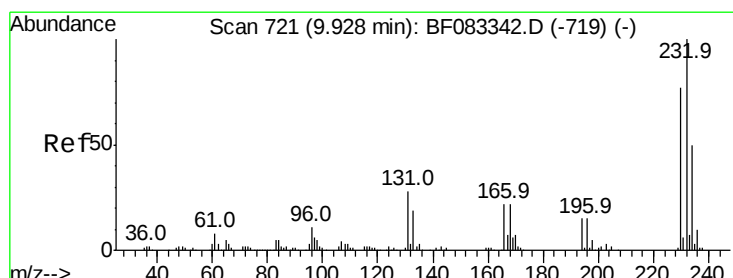
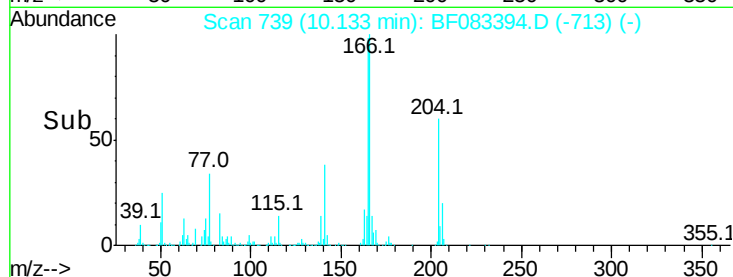
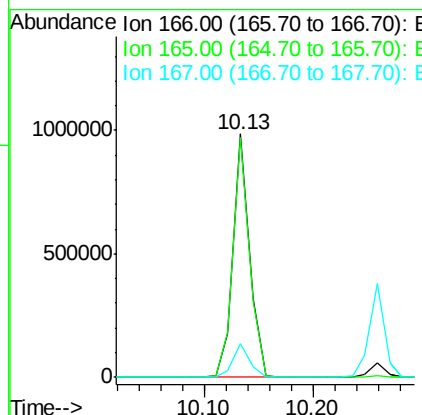
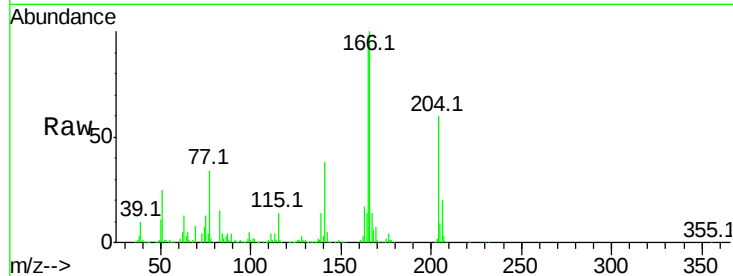
#57
Fluorene
Concen: 41.58 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	13.9	11.1	16.7

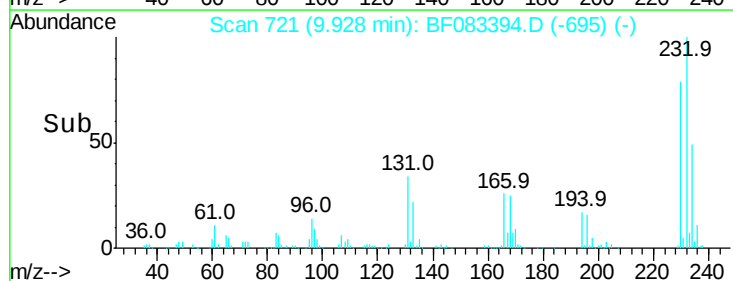
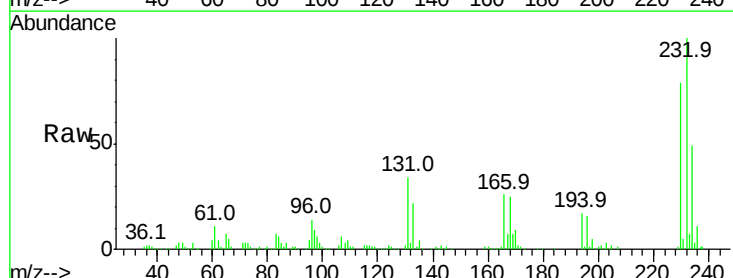
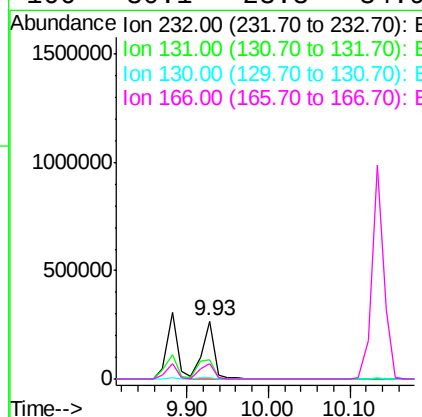
Manual Integrations
APPROVED

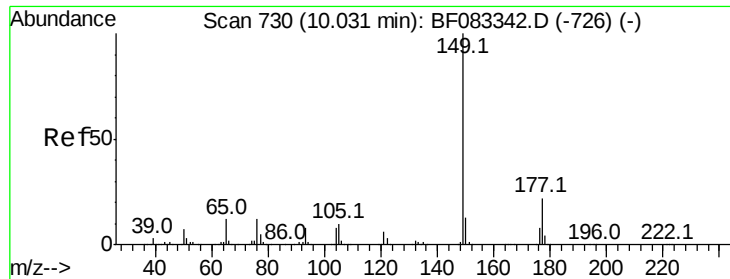
Mmdadoda
12/2/2015 6:12:59 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.81 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.4	53.2
130	2.2	1.7	2.5
166	30.1	23.3	34.9





#59

Diethylphthalate

Concen: 43.92 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampled :

MW-01MSD

Tot Ion:149 Resp: 1164999

Ion Ratio Lower Upper

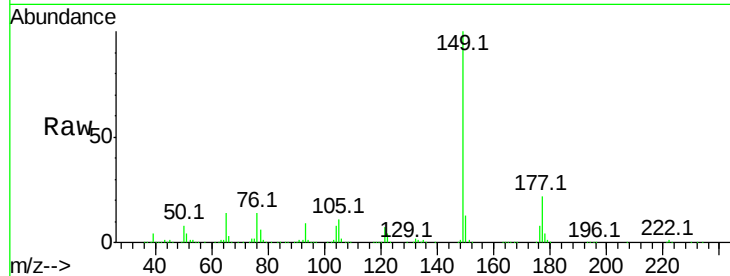
149 100

177 21.5 17.4 26.2

150 13.3 10.4 15.6

Manual Integrations
APPROVED

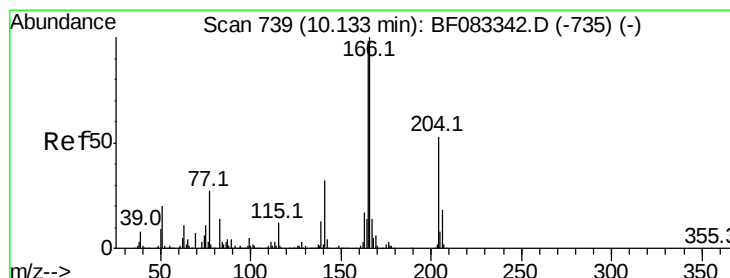
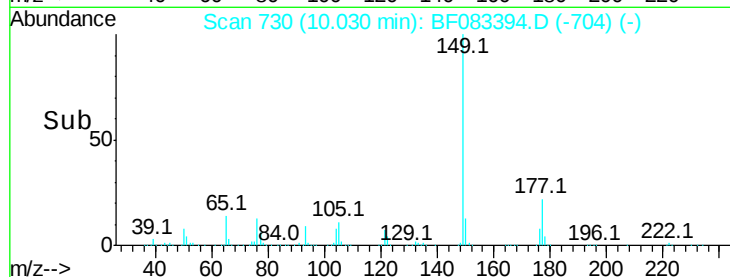
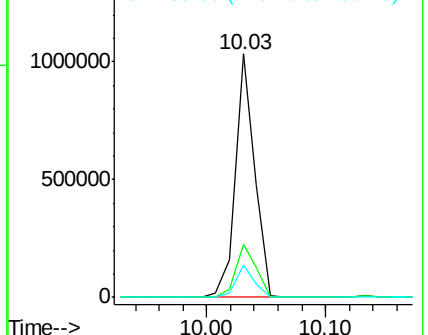
Mmdadoda
12/2/2015 6:12:59 PM



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: 44.76 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

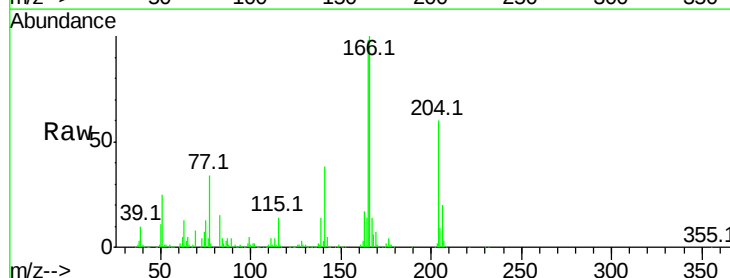
Tgt Ion:204 Resp: 510950

Ion Ratio Lower Upper

204 100

206 33.9 27.5 41.3

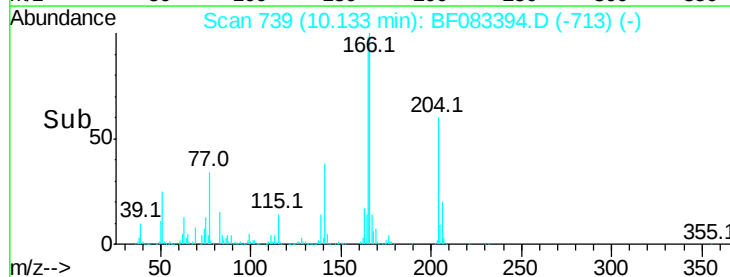
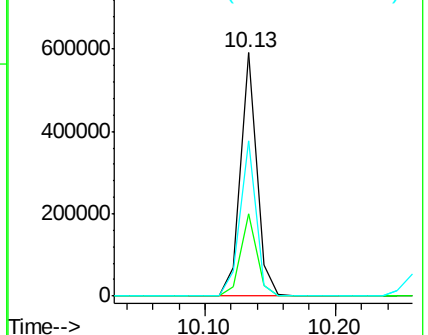
141 63.7 48.1 72.1

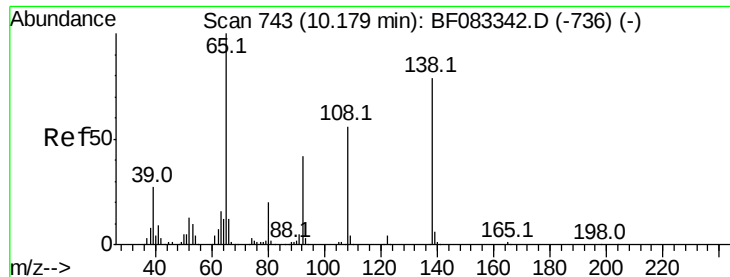


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





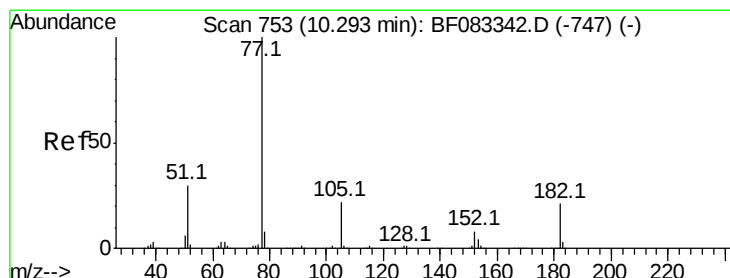
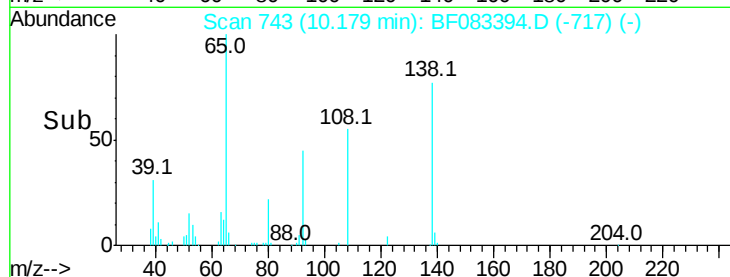
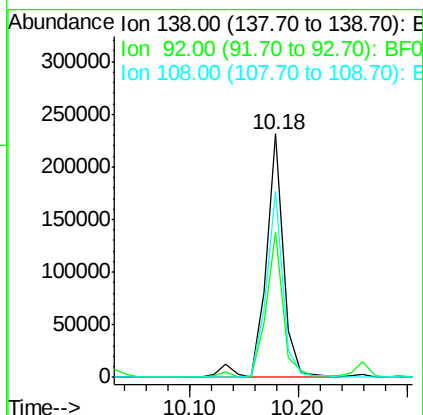
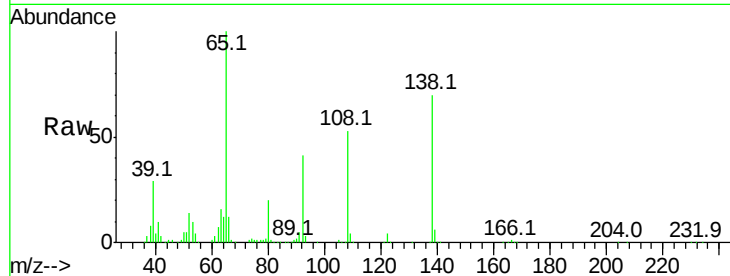
#61
4-Nitroaniline
Concen: 37.89 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.3	33.6	73.6
108	76.2	51.0	91.0

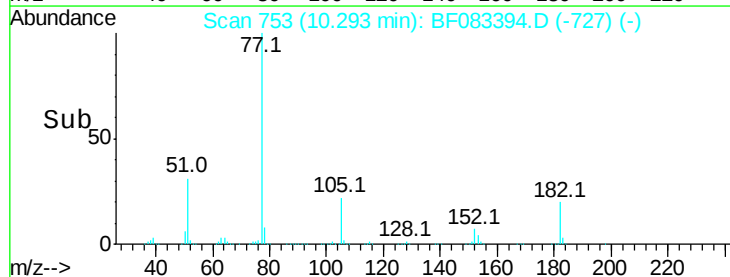
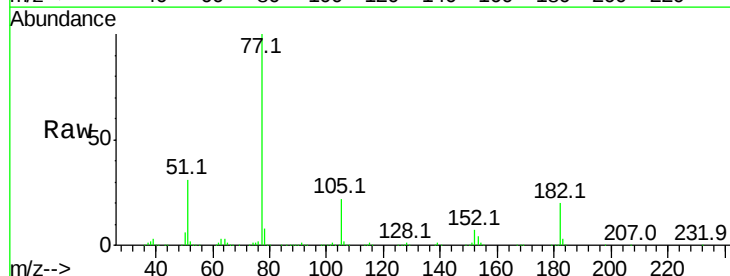
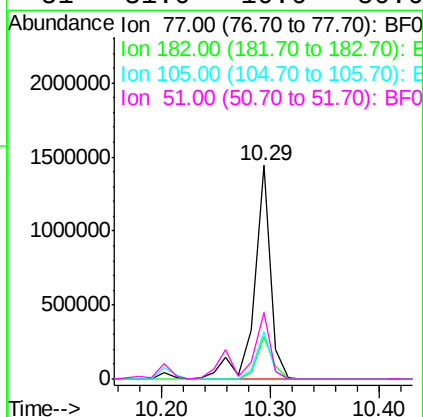
Manual Integrations
APPROVED

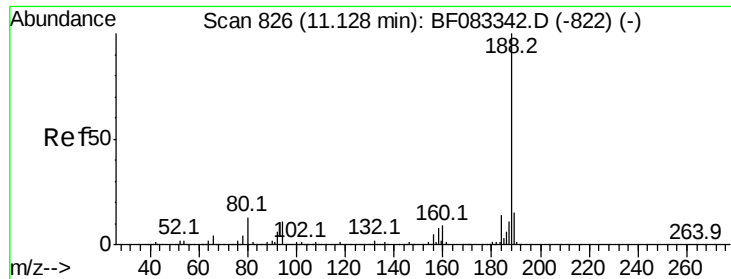
Mmdadoda
12/2/2015 6:12:59 PM



#62
Azobenzene
Concen: 47.10 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.8	40.8
105	22.2	2.3	42.3
51	31.0	10.6	50.6





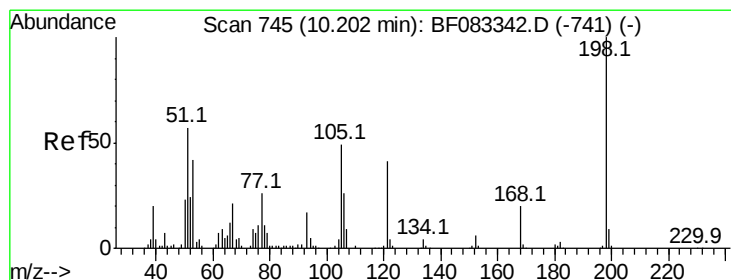
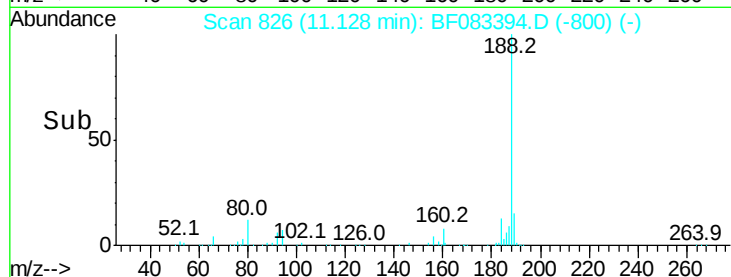
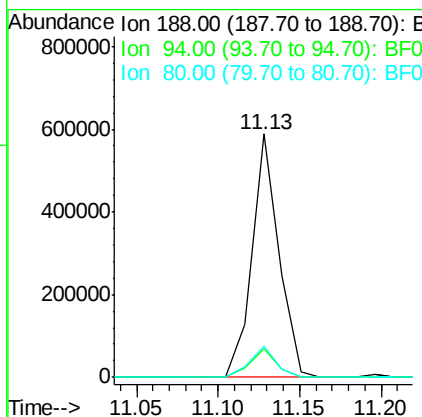
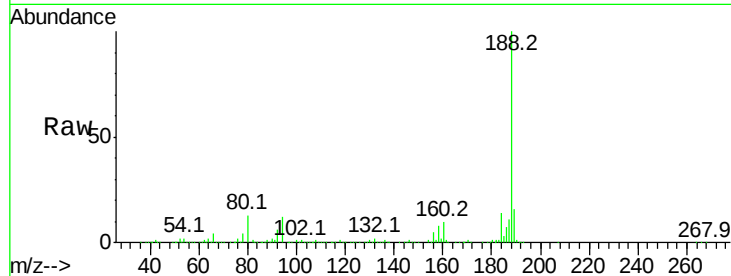
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	8.7	13.1
80	13.0	10.3	15.5

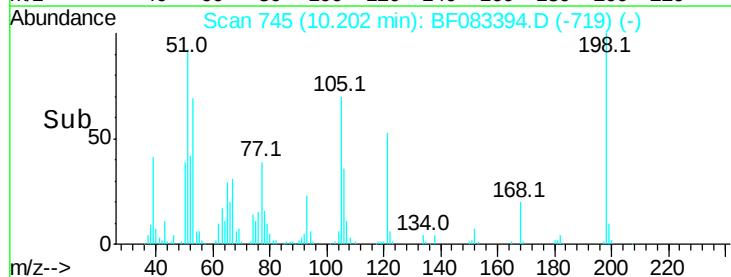
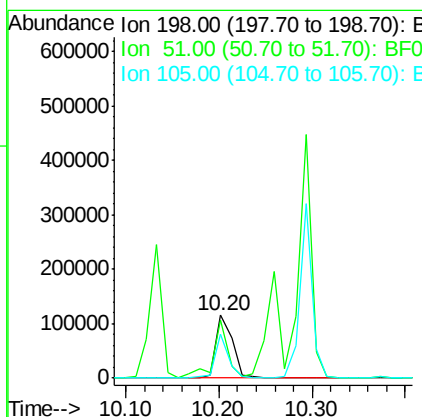
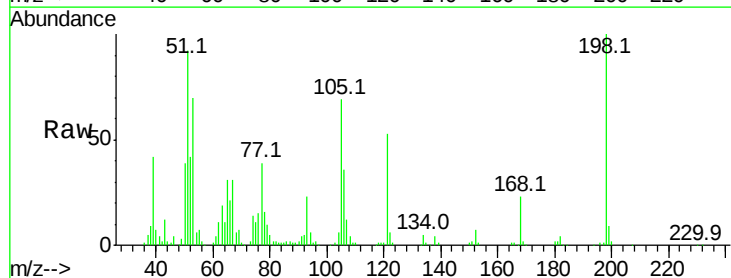
Manual Integrations
APPROVED

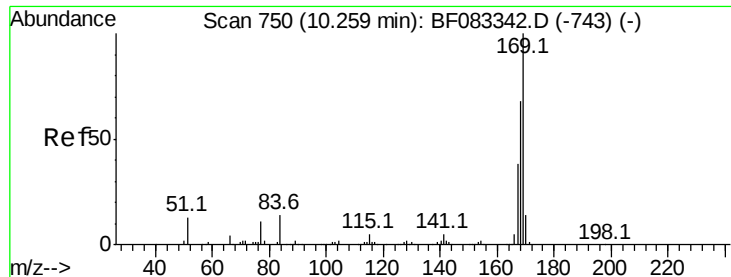
Mmdadoda
12/2/2015 6:12:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.84 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	91.7	38.3	78.3#
105	69.3	29.2	69.2#





#65

n-Nitrosodiphenylamine

Concen: 41.71 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:169 Resp: 986241

Ion Ratio Lower Upper

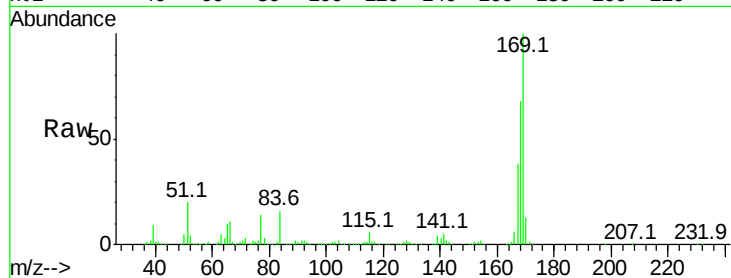
169 100

168 67.9 54.8 82.2

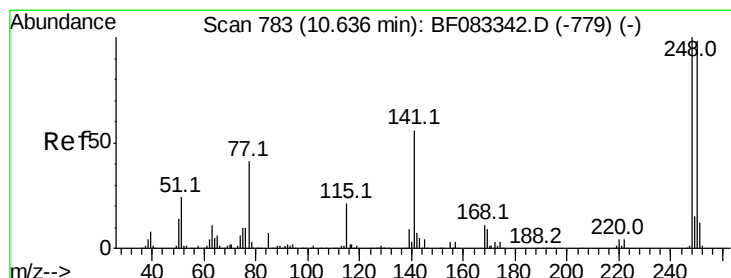
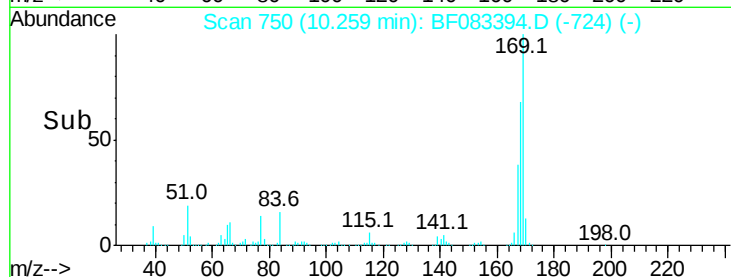
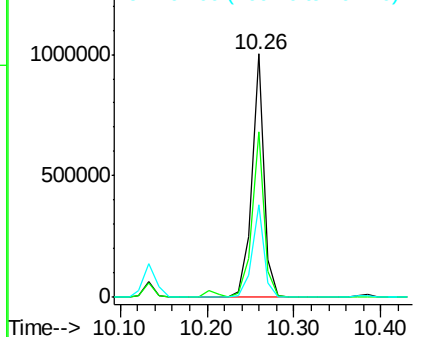
167 37.8 30.2 45.2

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



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: 46.52 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

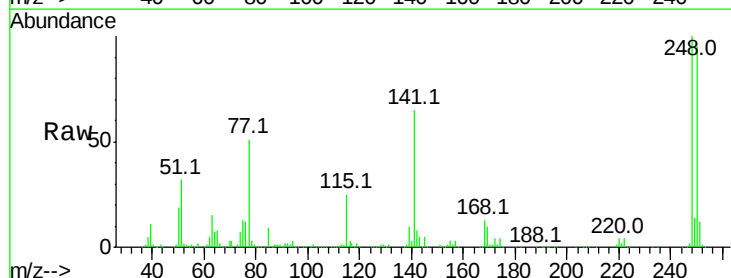
Tgt Ion:248 Resp: 342398

Ion Ratio Lower Upper

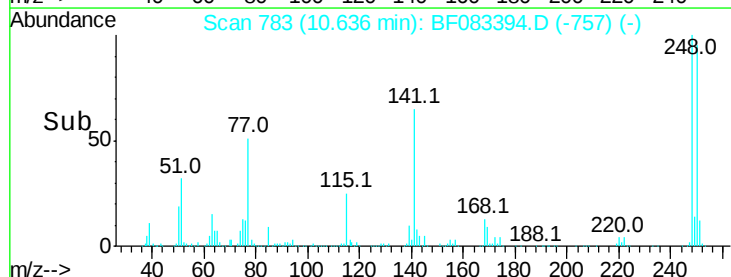
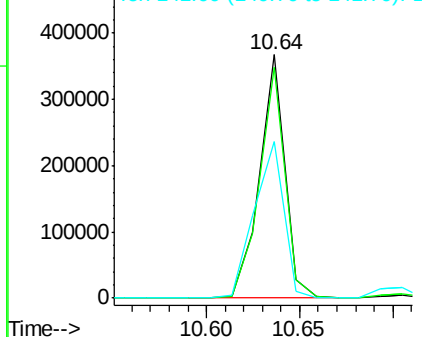
248 100

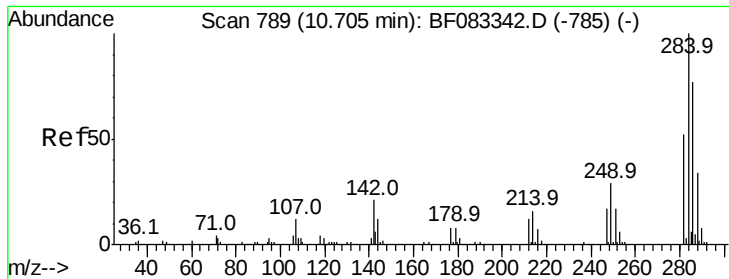
250 94.7 78.6 118.0

141 64.5 44.4 66.6



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: 45.69 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

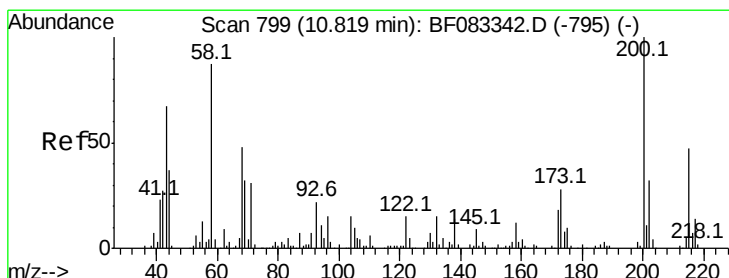
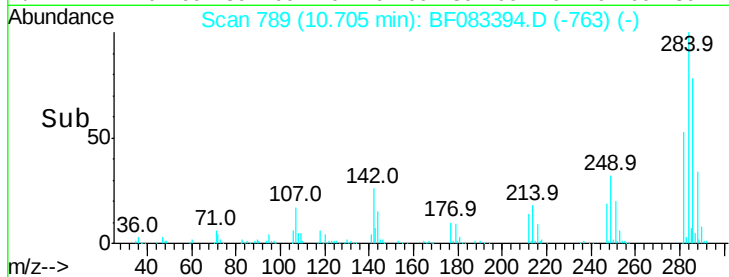
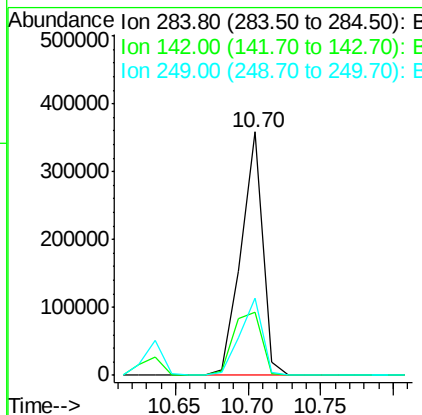
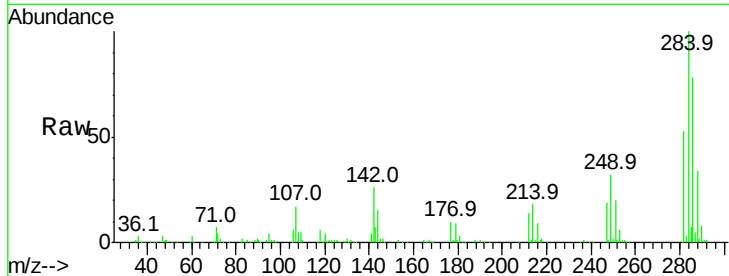
ClientSampleId :

MW-01MSD

Tot Ion:	284	Resp:	371834
Ion Ratio		Lower	Upper
284	100		
142	26.0	16.6	24.8#
249	31.6	23.0	34.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#68

Atrazine

Concen: 52.37 ng

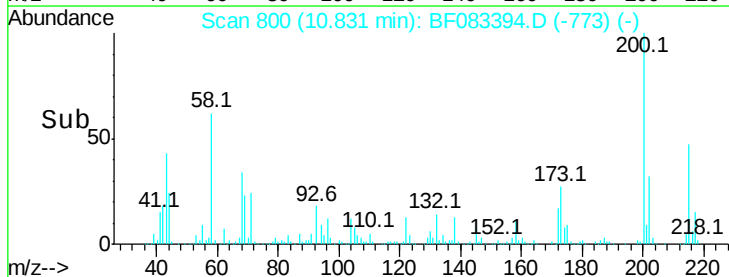
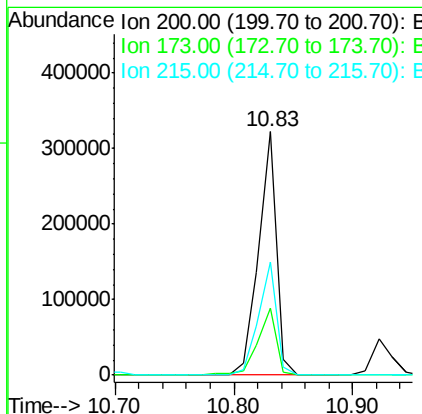
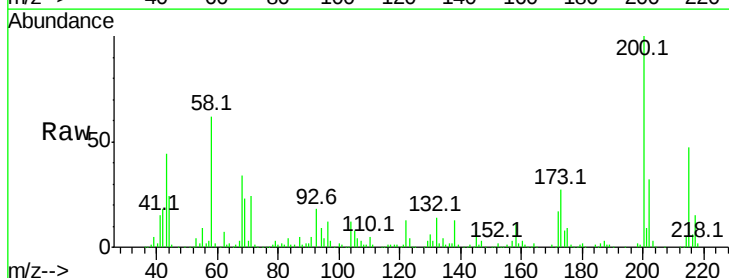
RT: 10.83 min Scan# 800

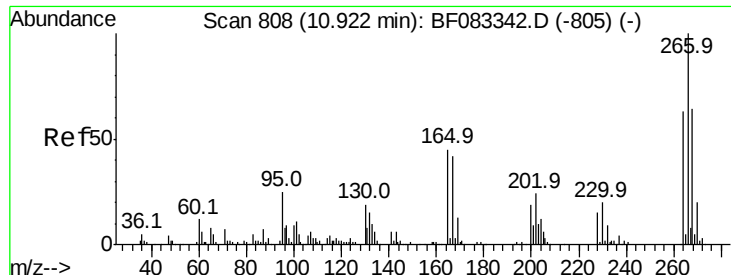
Delta R.T. 0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	200	Resp:	342510
Ion Ratio		Lower	Upper
200	100		
173	27.4	8.3	48.3
215	46.5	26.7	66.7





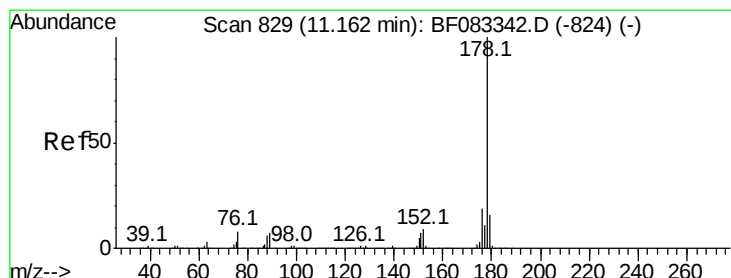
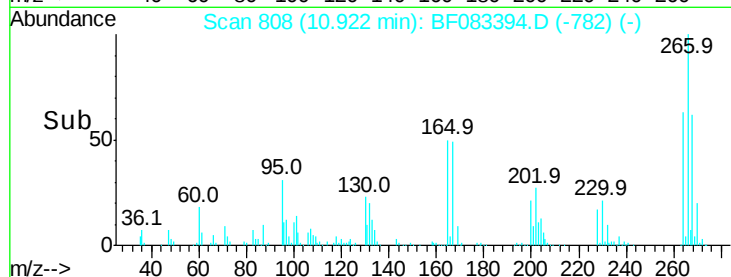
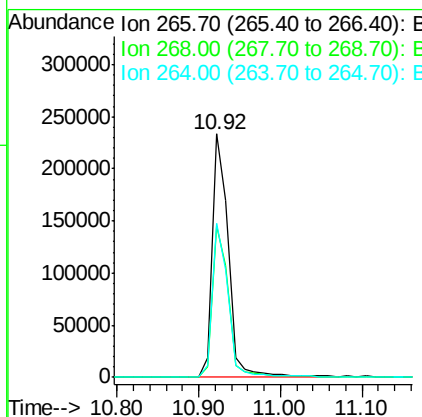
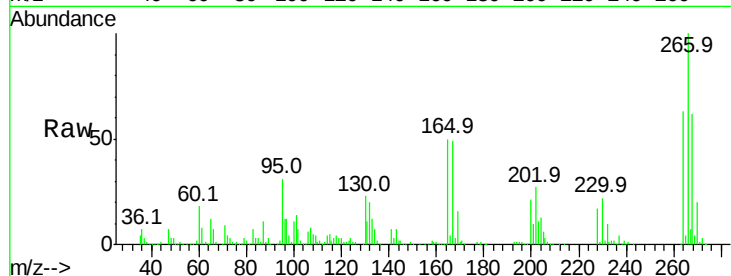
#69
 Pentachlorophenol
 Concen: 75.66 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	322553		
268	62.1		51.5	77.3
264	63.5		50.4	75.6

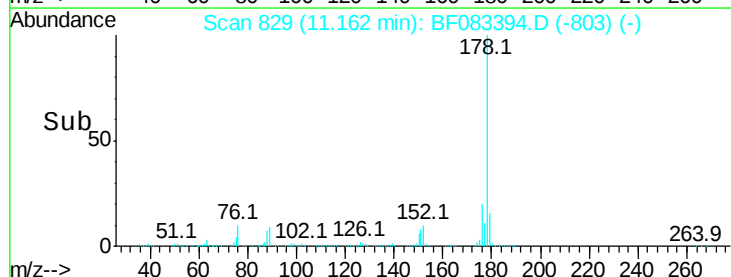
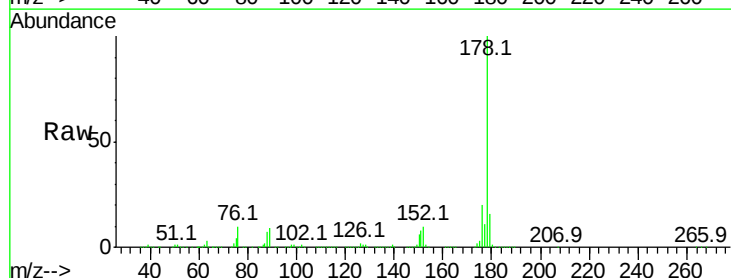
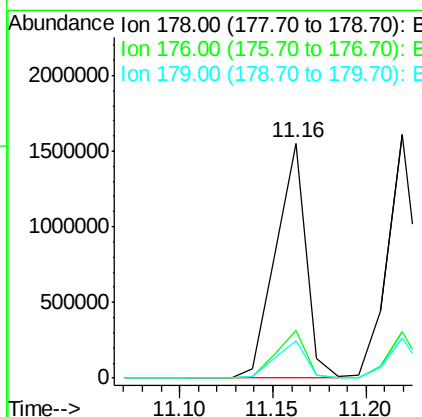
Manual Integrations
 APPROVED

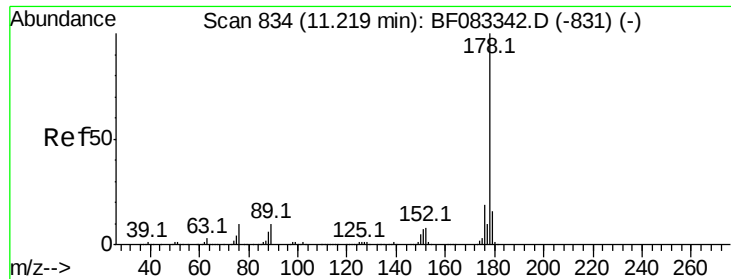
Mmdadoda
 12/2/2015 6:12:59 PM



#70
 Phenanthrene
 Concen: 43.84 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1745787		
176	20.5		15.3	22.9
179	16.2		12.4	18.6





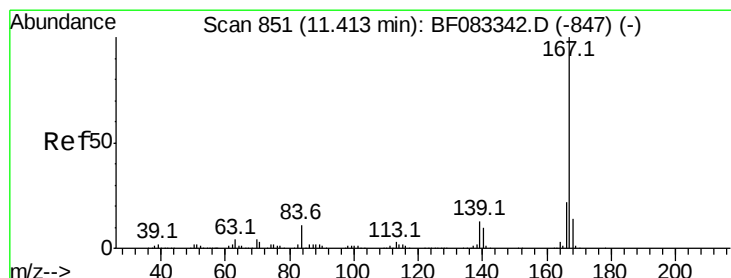
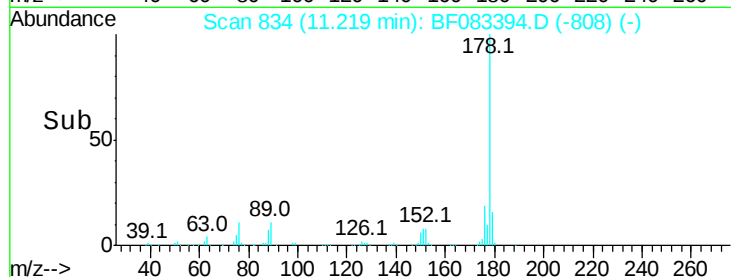
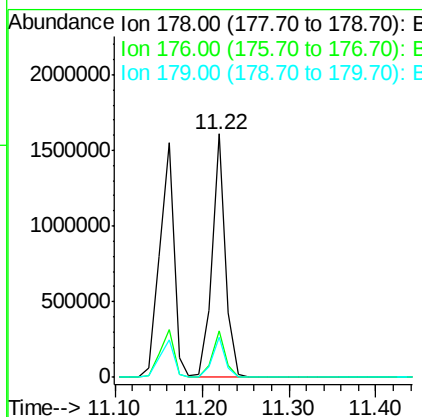
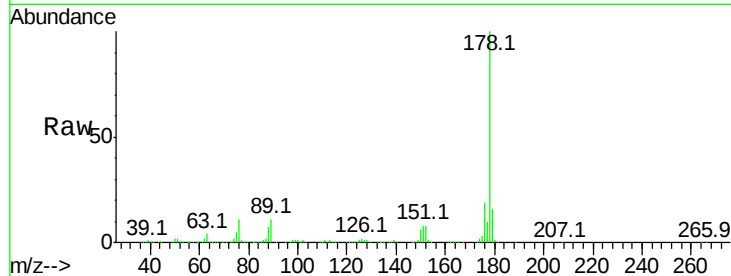
#71
 Anthracene
 Concen: 43.20 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:178 Resp: 1731951
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.5 12.8 19.2

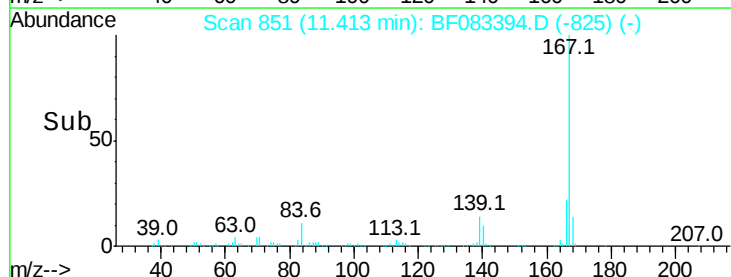
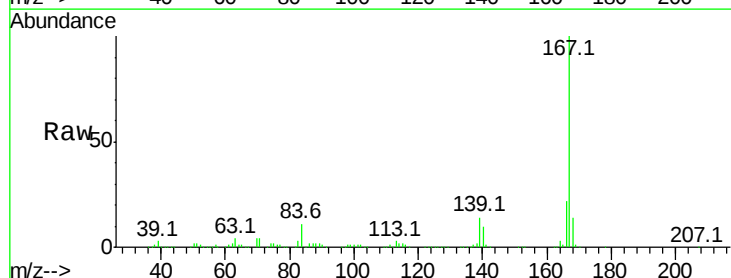
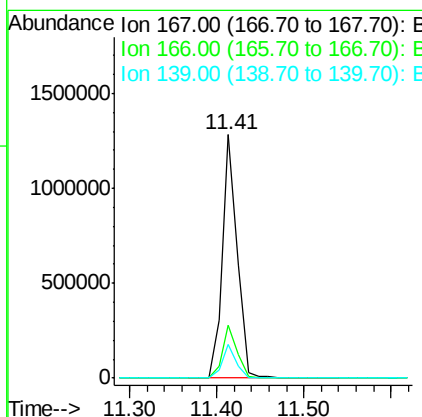
Manual Integrations
 APPROVED

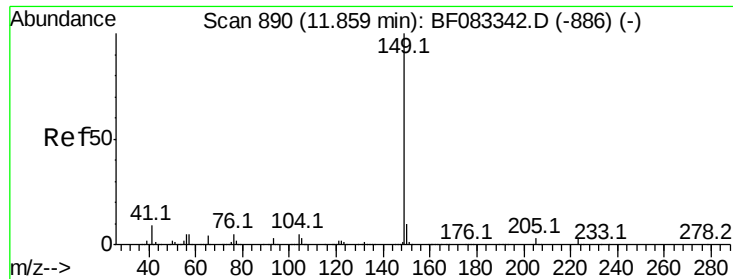
Mmdadoda
 12/2/2015 6:12:59 PM



#72
 Carbazole
 Concen: 42.72 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion:167 Resp: 1538685
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.7 10.5 15.7





#73

Di-n-butylphthalate

Concen: 46.53 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

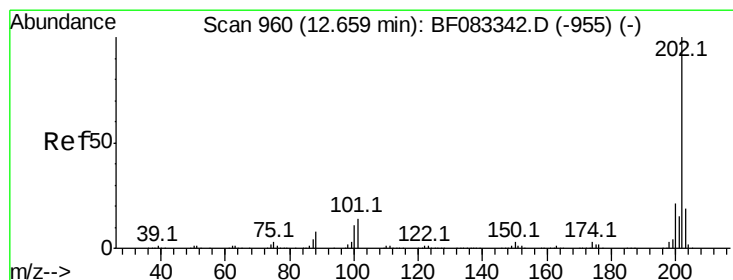
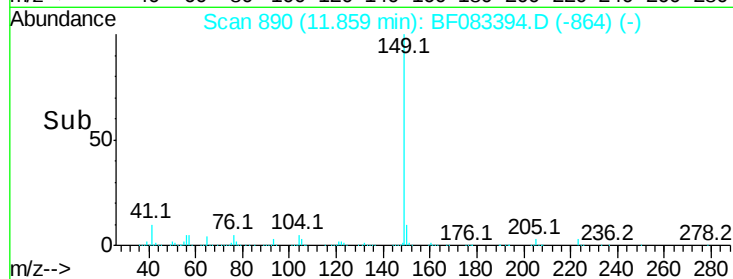
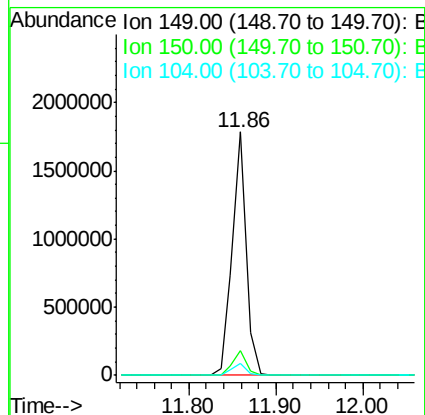
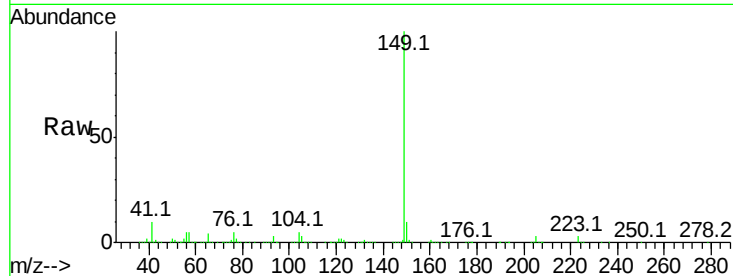
ClientSampleId :

MW-01MSD

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM

Tot Ion:	149	Resp:	1986354
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.0	4.0	6.0



#74

Fluoranthene

Concen: 43.59 ng

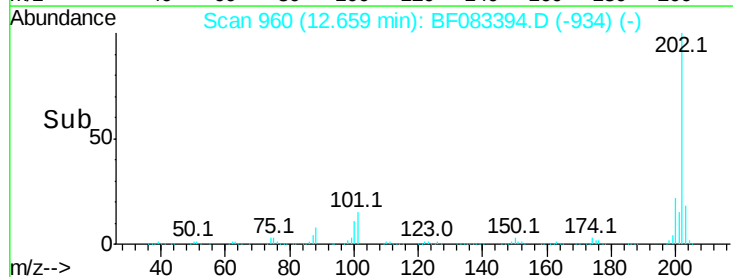
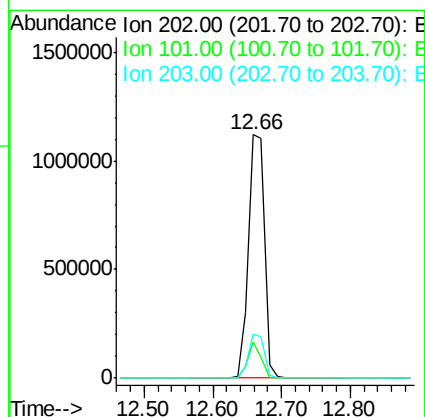
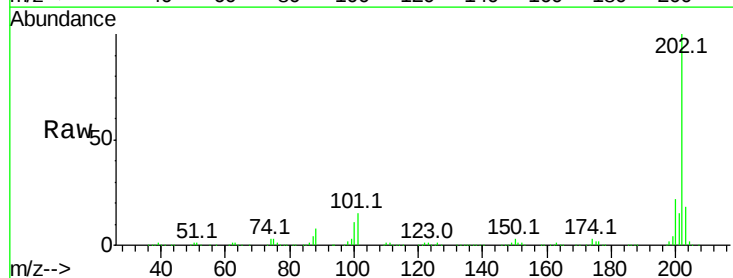
RT: 12.66 min Scan# 960

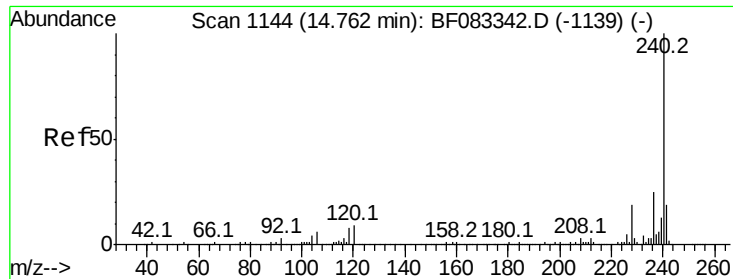
Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	202	Resp:	1799416
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.5
203	18.3	0.0	38.7





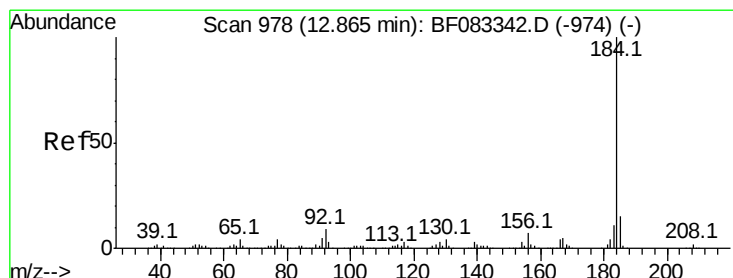
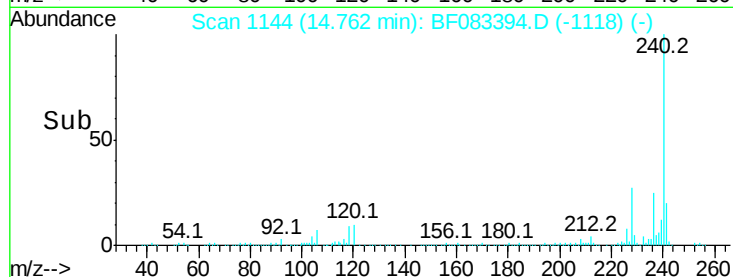
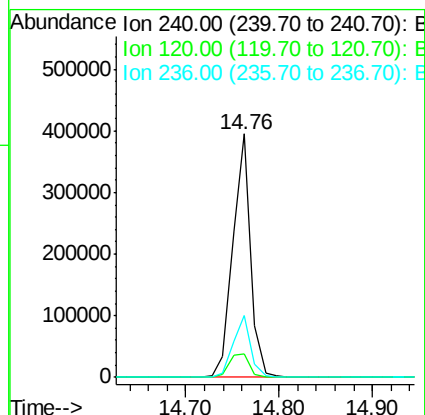
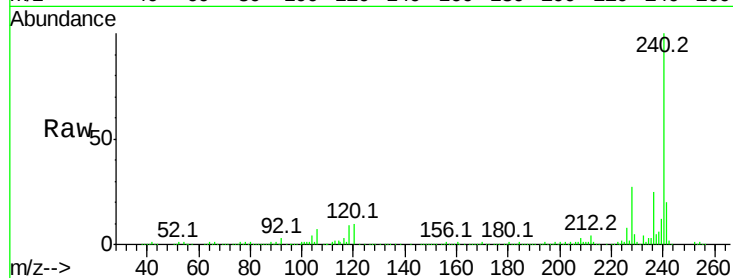
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.8	6.9	10.3	
236	25.3	19.8	29.6	

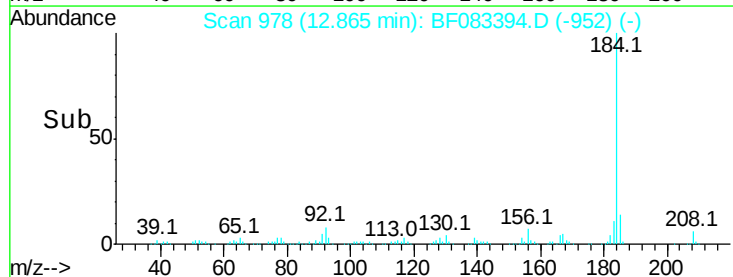
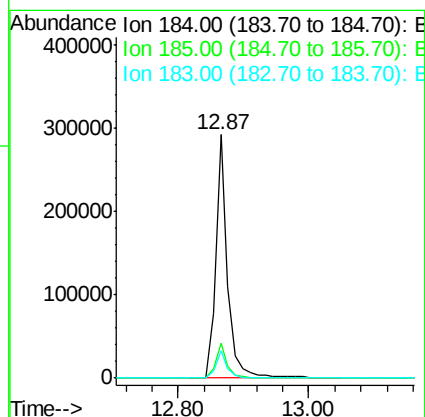
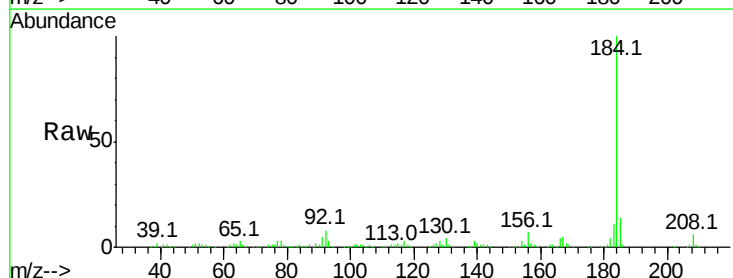
Manual Integrations
APPROVED

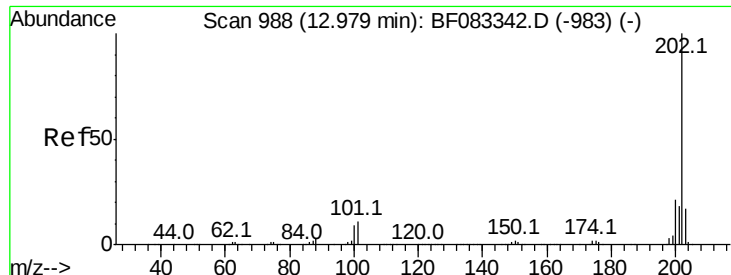
Mmdadoda
12/2/2015 6:12:59 PM



#76
Benzidine
Concen: 23.94 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.4	18.6	
183	11.3	9.0	13.4	





#77

Pvrene

Concen: 50.11 ng

RT: 12.98 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:202 Resp: 1836977

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.1	13.9	20.9

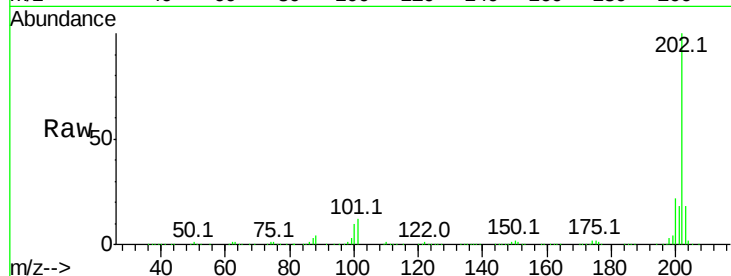
202 100

200 21.7 16.9 25.3

203 18.1 13.9 20.9

Manual Integrations
APPROVED

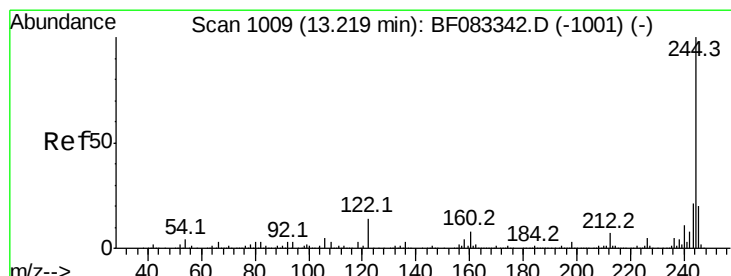
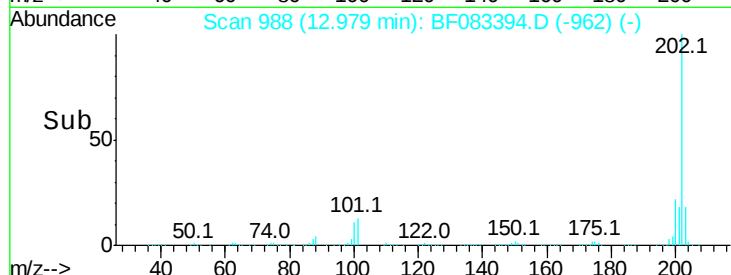
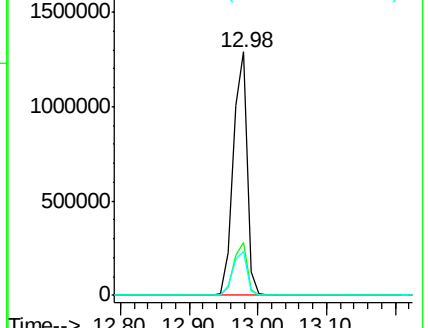
Mmdadoda
12/2/2015 6:12:59 PM



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: 95.04 ng

RT: 13.23 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:244 Resp: 2092010

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.1	11.0	16.4#

244 100

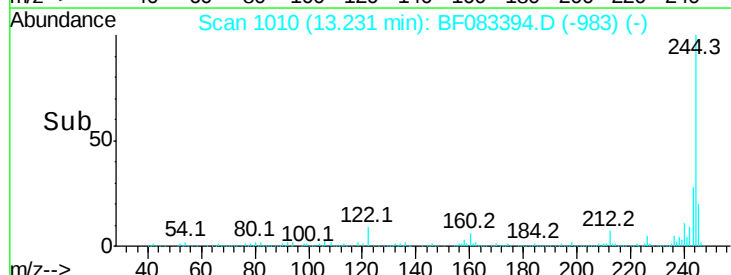
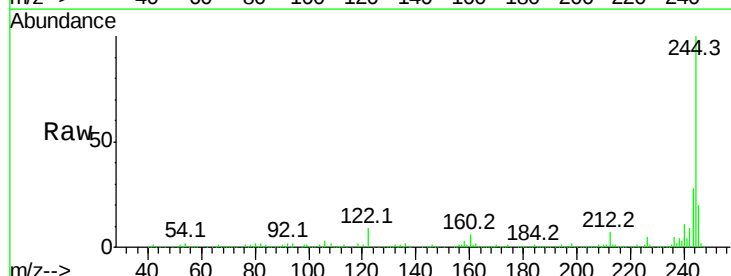
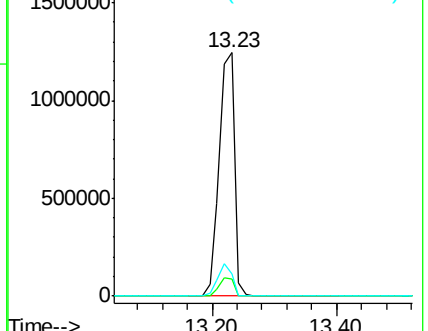
212 7.2 5.8 8.8

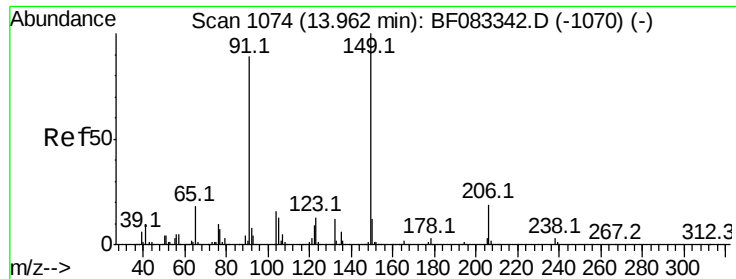
122 9.1 11.0 16.4#

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: 55.82 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

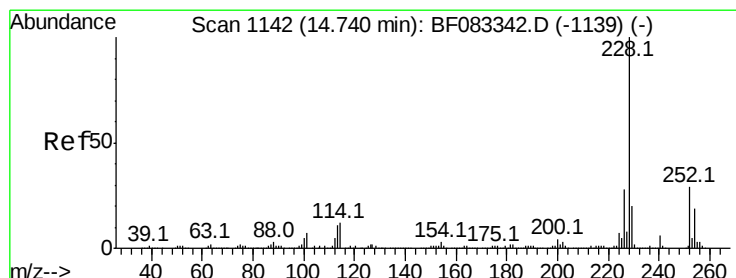
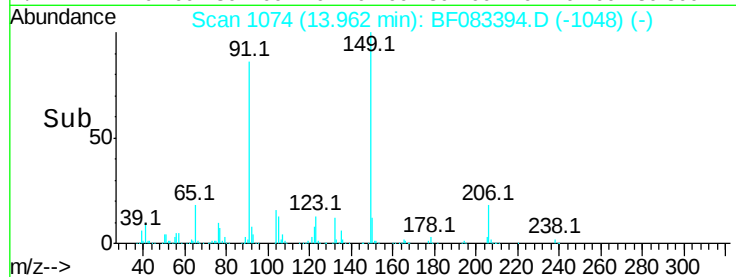
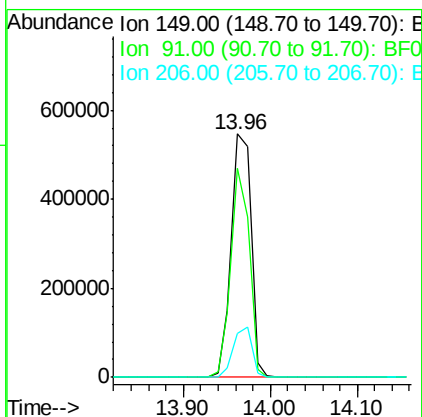
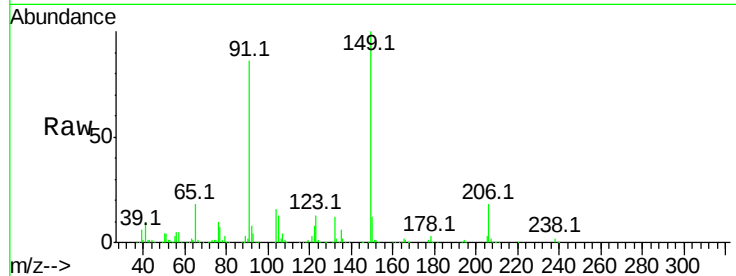
ClientSampleId :

MW-01MSD

Tot Ion:	149	Resp:	868151
Ion Ratio	Lower	Upper	
149	100		
91	85.7	71.4	107.2
206	18.0	15.1	22.7

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



#80

Benzo(a)anthracene

Concen: 45.98 ng

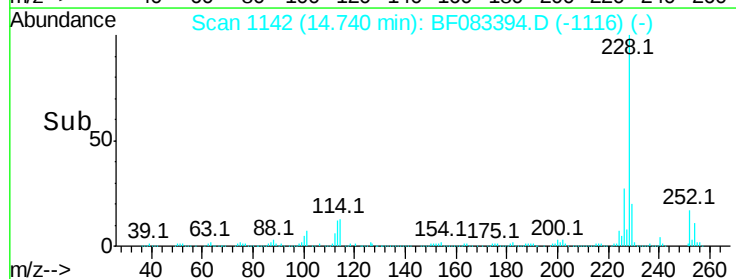
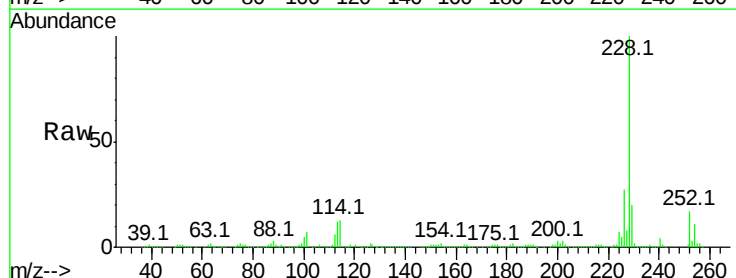
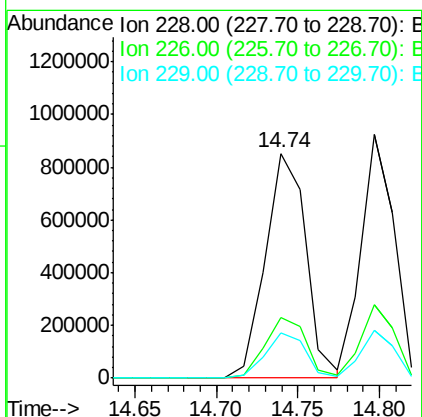
RT: 14.74 min Scan# 1142

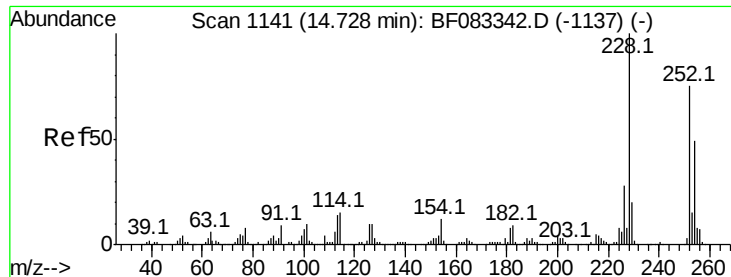
Delta R.T. -0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:	228	Resp:	1478730
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.2	33.4
229	20.0	16.1	24.1





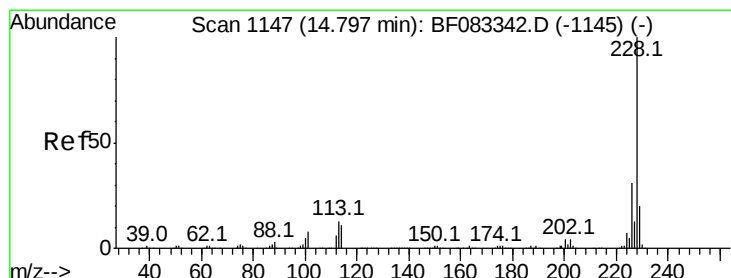
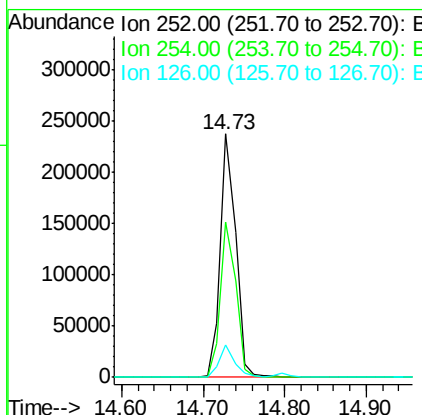
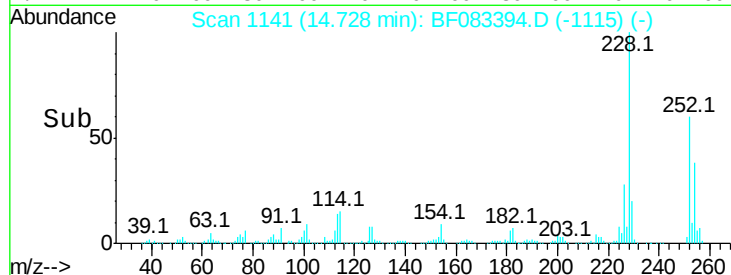
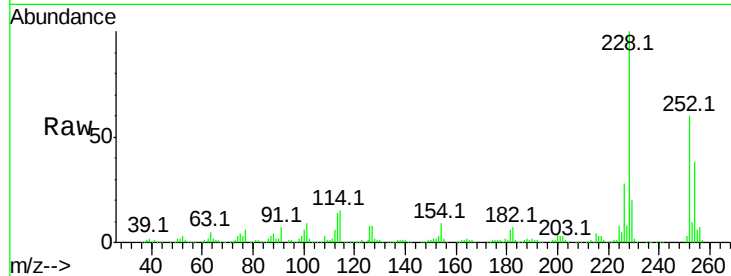
#81
 3,3'-Dichlorobenzidine
 Concen: 31.09 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	312331		
254	63.9	52.0	78.0	
126	13.6	10.7	16.1	

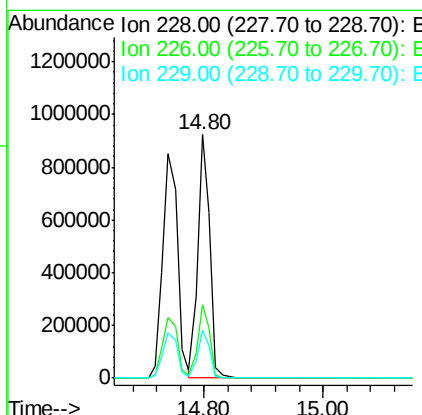
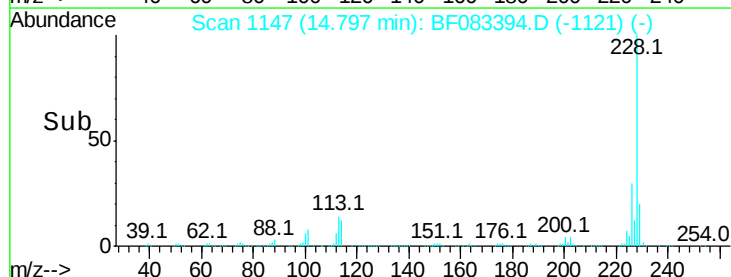
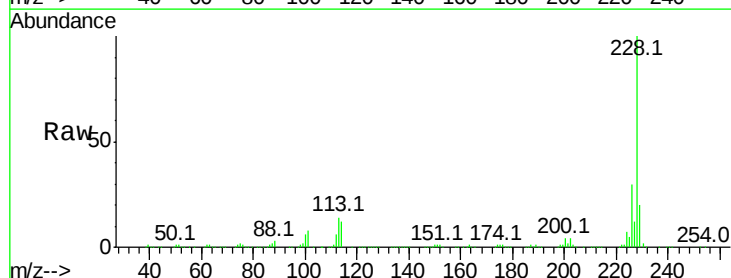
Manual Integrations
 APPROVED

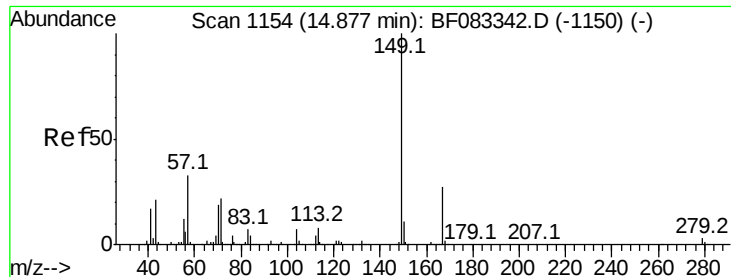
Mmdadoda
 12/2/2015 6:12:59 PM



#82
 Chrysene
 Concen: 42.56 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1322581		
226	30.2	24.6	37.0	
229	19.7	16.2	24.2	





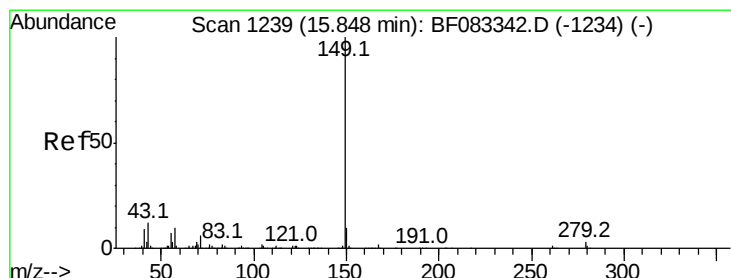
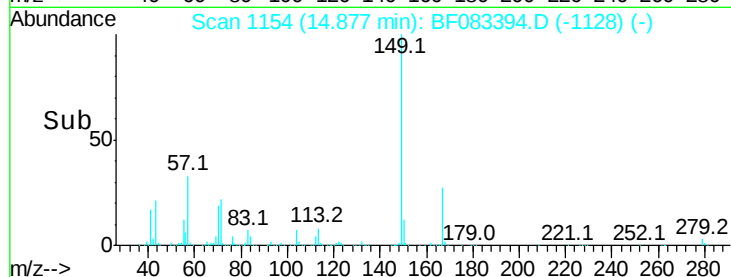
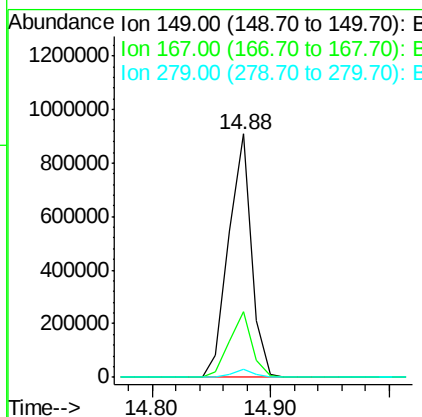
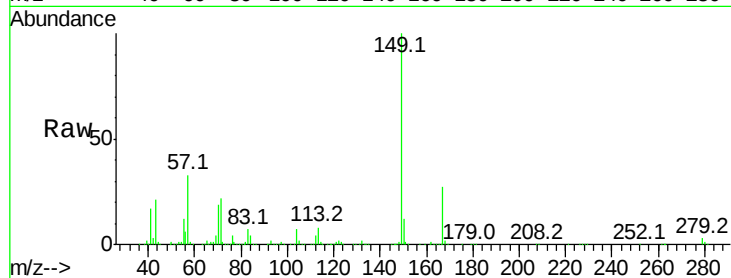
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.03 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	3.3	2.6	3.8

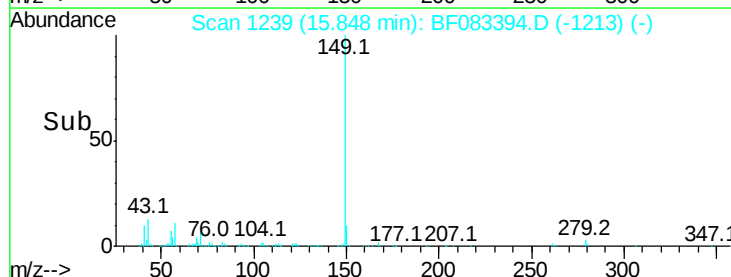
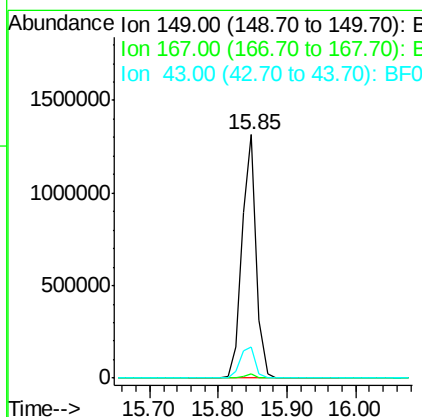
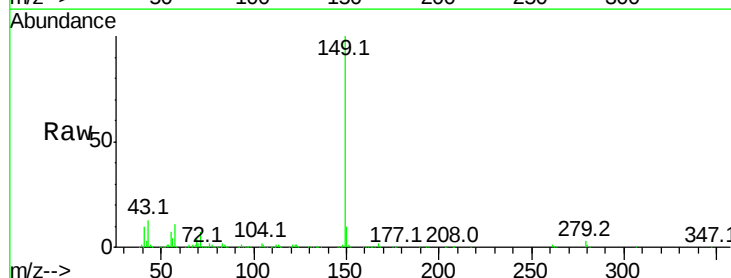
Manual Integrations
 APPROVED

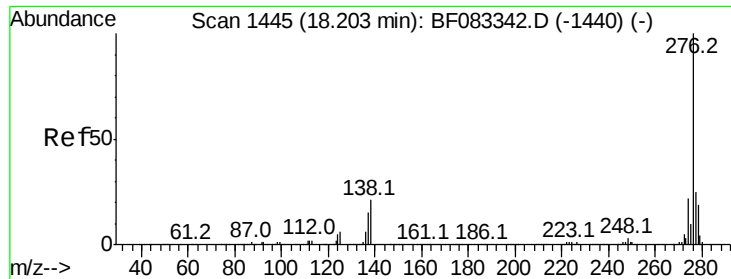
Mmdadoda
 12/2/2015 6:12:59 PM



#84
 Di-n-octyl phthalate
 Concen: 60.26 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.7	11.0	16.6





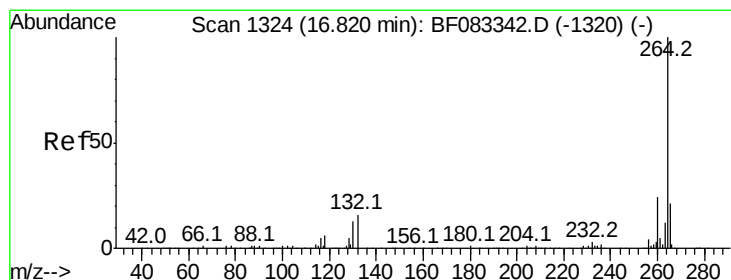
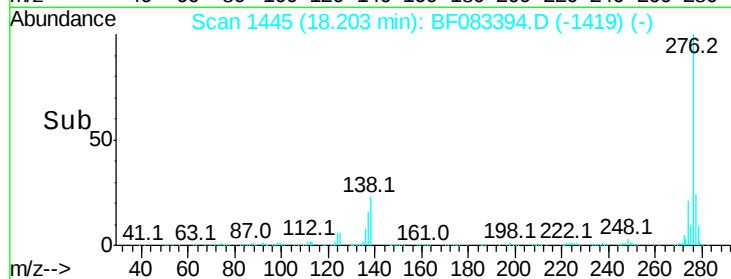
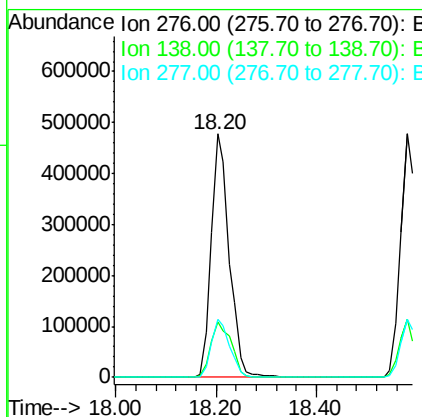
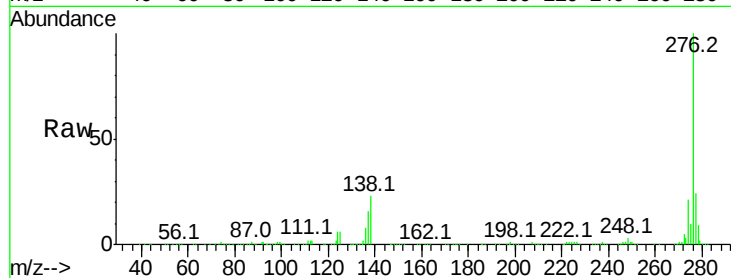
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.46 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.2	31.8
277	24.8	20.0	30.0

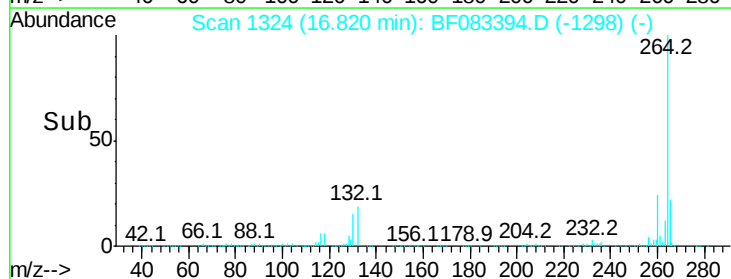
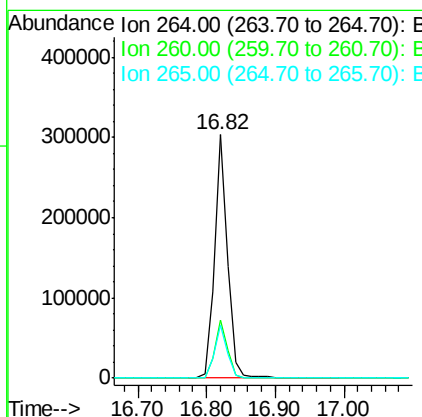
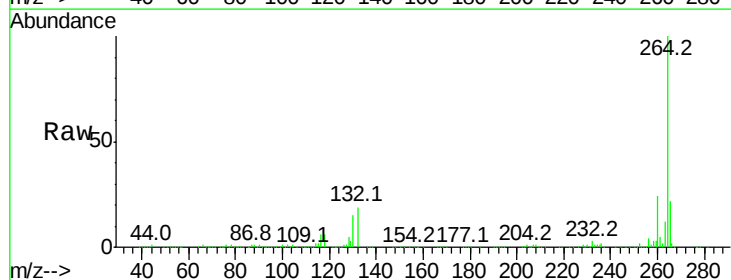
Manual Integrations
 APPROVED

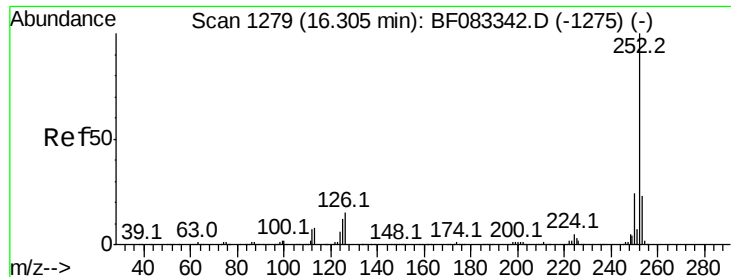
Mmdadoda
 12/2/2015 6:12:59 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.6	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 44.93 ng m

RT: 16.32 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:252 Resp: 1163413

Ion Ratio Lower Upper

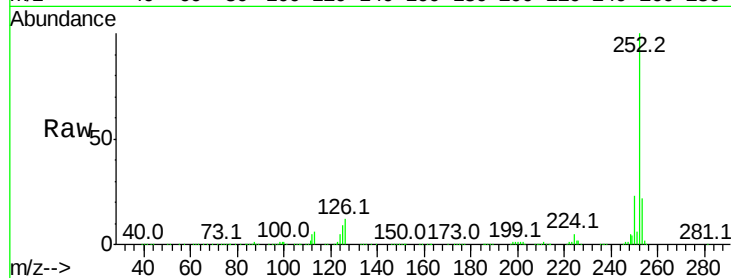
252 100

253 22.2 18.4 27.6

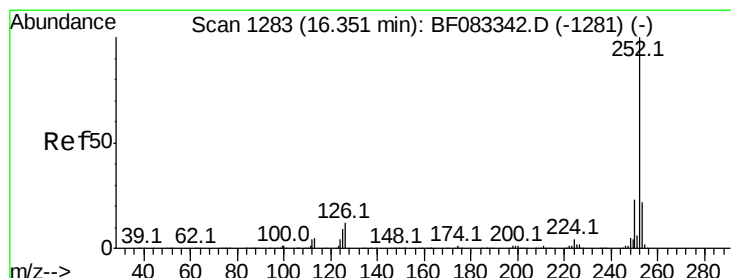
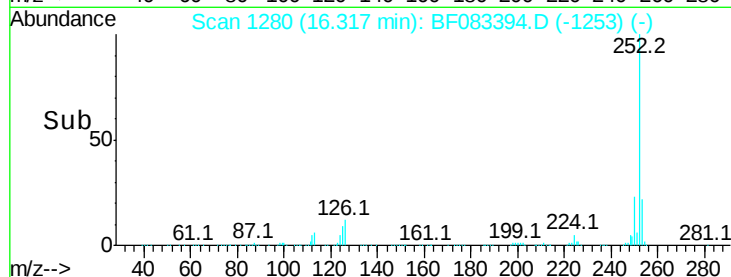
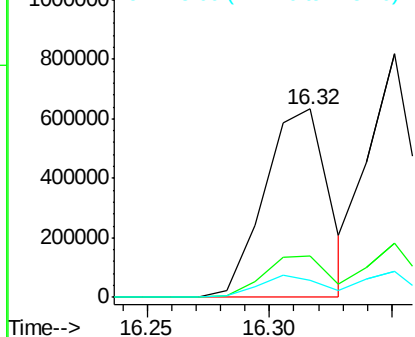
125 8.9 9.6 14.4#

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



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



#88

Benzo(k)fluoranthene

Concen: 45.33 ng

RT: 16.35 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF083394.D

Acq: 2 Dec 2015 2:02

Tgt Ion:252 Resp: 1108362

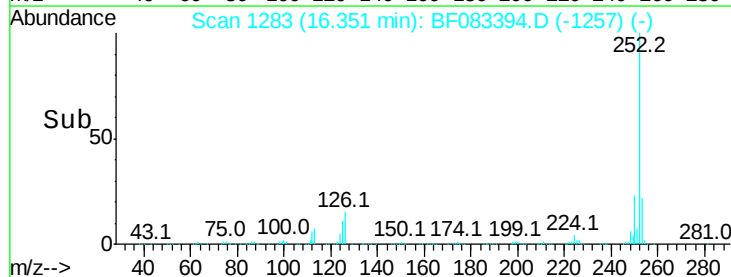
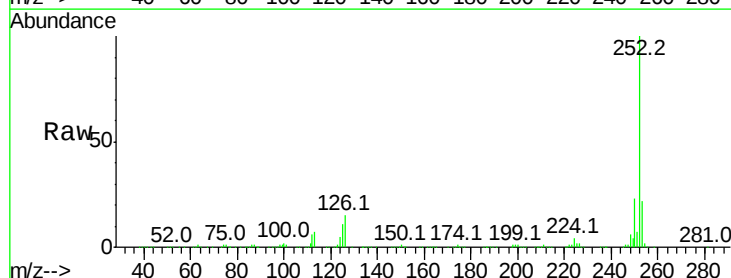
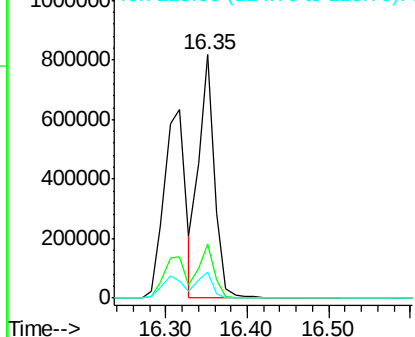
Ion Ratio Lower Upper

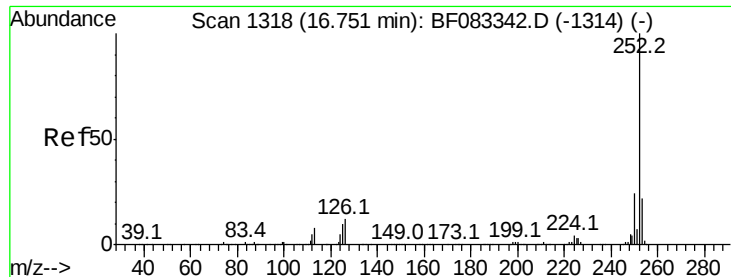
252 100

253 22.0 17.4 26.0

125 10.9 7.5 11.3

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





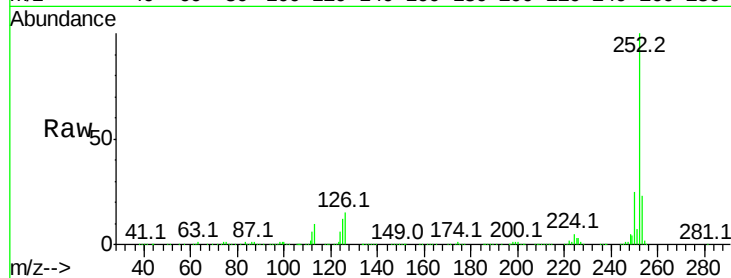
#89
Benzo(a)pyrene
Concen: 48.06 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

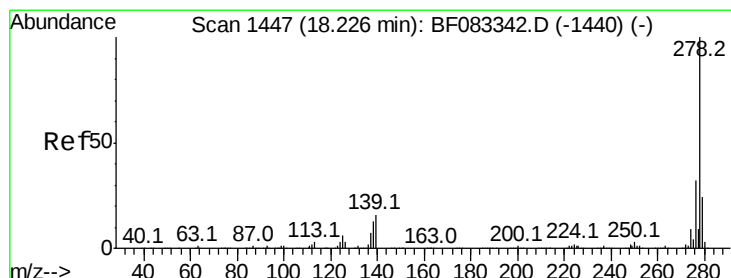
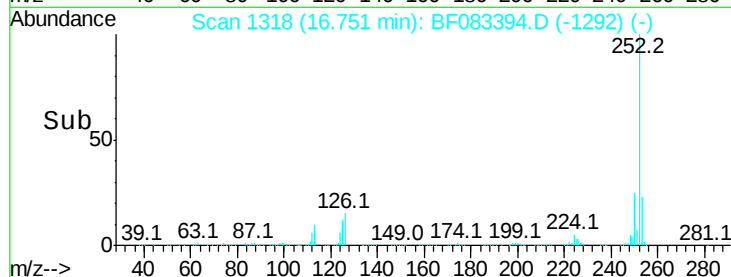
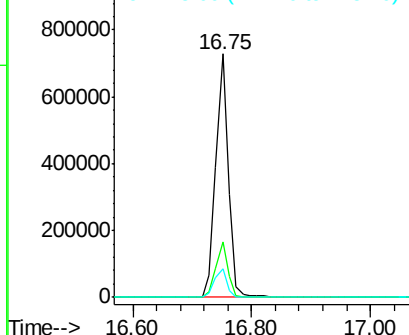
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.9	7.8	11.8

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:59 PM



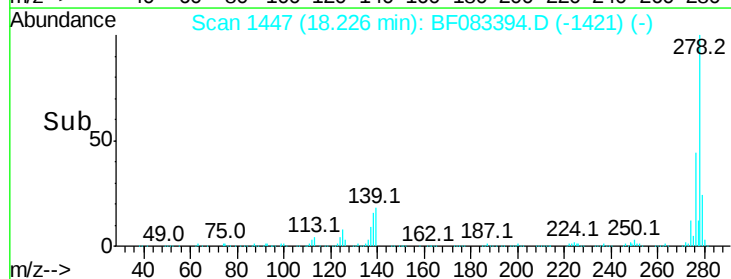
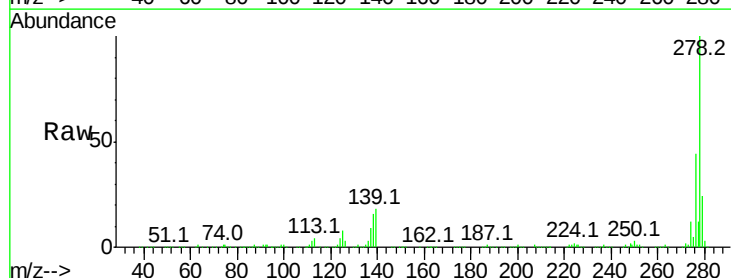
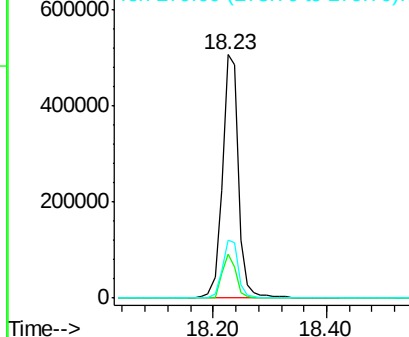
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

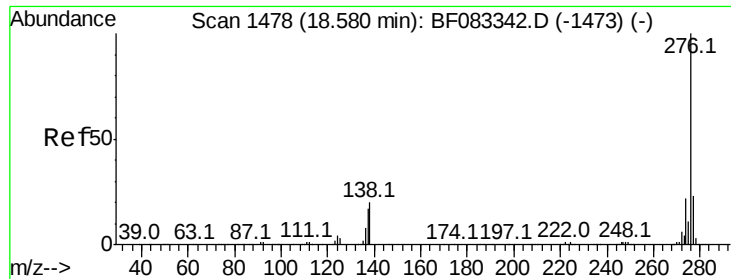


#90
Dibenzo(a,h)anthracene
Concen: 51.81 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083394.D
Acq: 2 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.1	19.7
279	24.1	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 51.91 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF083394.D
 Acq: 2 Dec 2015 2:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	18.6	28.0
138	23.7	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:59 PM

