

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083366.D
 Acq On : 1 Dec 2015 7:17
 Operator : UM/IZ
 Sample : PB86904BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:20 PM

Quant Time: Dec 01 10:32:10 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	166649	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	652017	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	333899	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	658452	20.00	ng	0.00
75) Chrysene-d12	14.75	240	597024	20.00	ng	-0.01
86) Perylene-d12	16.82	264	447986	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	753041	67.81	ng	0.01
7) Phenol-d6	6.21	99	971450	63.91	ng	-0.01
23) Nitrobenzene-d5	7.12	82	942548	63.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	216227	64.51	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1552498	66.26	ng	0.00
78) Terphenyl-d14	13.22	244	1541891	61.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	157867	26.25	ng	# 88
3) Pyridine	2.66	79	389868	25.92	ng	97
4) n-Nitrosodimethylamine	2.60	42	224927	30.38	ng	98
6) Aniline	6.21	93	362741	17.44	ng	95
8) 2-Chlorophenol	6.34	128	400978	32.73	ng	98
9) Benzaldehyde	6.09	77	210243	26.56	ng	99
10) Phenol	6.22	94	523638	28.63	ng	# 73
11) bis(2-Chloroethyl)ether	6.29	93	427816	32.15	ng	96
12) 1,3-Dichlorobenzene	6.49	146	430867	31.64	ng	98
13) 1,4-Dichlorobenzene	6.57	146	439856	31.25	ng	98
14) 1,2-Dichlorobenzene	6.72	146	403029m	31.21	ng	
15) Benzyl Alcohol	6.72	79	393007	33.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	759368	32.53	ng	# 48
17) 2-Methylphenol	6.84	107	349377	34.22	ng	99
18) Hexachloroethane	7.06	117	154107	31.53	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	326610	30.06	ng	91
20) 3+4-Methylphenols	7.00	107	448295	32.41	ng	98
22) Acetophenone	6.97	105	574637	29.46	ng	# 94
24) Nitrobenzene	7.14	77	474930	29.98	ng	89
25) Isophorone	7.38	82	853386	29.70	ng	97
26) 2-Nitrophenol	7.46	139	199662	30.88	ng	91
27) 2,4-Dimethylphenol	7.52	122	344996	31.83	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	547562	33.47	ng	100
29) 2,4-Dichlorophenol	7.71	162	340915	32.70	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	340361	30.00	ng	95
31) Naphthalene	7.86	128	1138457	32.18	ng	99
32) Benzoic acid	7.66	122	206603	27.64	ng	98
33) 4-Chloroaniline	7.93	127	189737	12.44	ng	98
34) Hexachlorobutadiene	7.98	225	201772	31.32	ng	98
35) Caprolactam	8.29	113	111049m	33.72	ng	
36) 4-Chloro-3-methylphenol	8.43	107	379587	32.47	ng	95
37) 2-Methylnaphthalene	8.54	142	704945	29.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	330258	31.20	ng	99
40) Hexachlorocyclopentadiene	8.70	237	310819	61.82	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083366.D
 Acq On : 1 Dec 2015 7:17
 Operator : UM/IZ
 Sample : PB86904BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

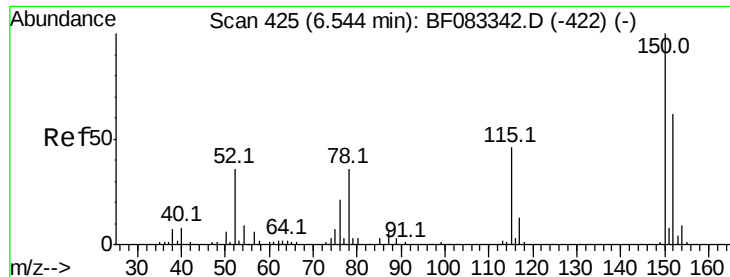
Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:20 PM

Quant Time: Dec 01 10:32:10 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	241843	32.57	nq	97
43) 2,4,5-Trichlorophenol	8.89	196	257393	33.46	nq	97
45) 1,1'-Biphenyl	9.01	154	873906	29.85	nq	95
46) 2-Chloronaphthalene	9.04	162	736704	33.02	nq	97
47) 2-Nitroaniline	9.14	65	259808	29.40	nq	# 75
48) Acenaphthylene	9.45	152	1129613	31.74	nq	99
49) Dimethylphthalate	9.33	163	861872	31.76	nq	99
50) 2,6-Dinitrotoluene	9.39	165	200386	34.58	nq	# 83
51) Acenaphthene	9.62	154	671290	32.07	nq	99
52) 3-Nitroaniline	9.56	138	106475	15.68	nq	81
53) 2,4-Dinitrophenol	9.66	184	196067	57.96	nq	95
54) Dibenzofuran	9.79	168	957914	31.22	nq	98
55) 4-Nitrophenol	9.76	139	266656	62.77	nq	# 60
56) 2,4-Dinitrotoluene	9.79	165	247325	33.64	nq	93
57) Fluorene	10.13	166	797180	32.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	190683	30.72	nq	93
59) Diethylphthalate	10.03	149	901676	34.86	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	377881	33.95	nq	98
61) 4-Nitroaniline	10.17	138	181897	26.77	nq	90
62) Azobenzene	10.29	77	1052174	33.67	nq	95
64) 4,6-Dinitro-2-methylphenol	10.20	198	140619	31.81	nq	# 77
65) n-Nitrosodiphenylamine	10.26	169	692390	29.92	nq	100
66) 4-Bromophenyl-phenylether	10.64	248	220043	30.55	nq	95
67) Hexachlorobenzene	10.69	284	244480	30.70	nq	# 74
68) Atrazine	10.82	200	216822	33.88	nq	99
69) Pentachlorophenol	10.92	266	274163	65.72	nq	97
70) Phenanthrene	11.15	178	1221777	31.35	nq	98
71) Anthracene	11.22	178	1280923	32.65	nq	98
72) Carbazole	11.41	167	1139745	32.34	nq	99
73) Di-n-butylphthalate	11.86	149	1365247	32.68	nq	99
74) Fluoranthene	12.66	202	1273122	31.52	nq	99
76) Benzidine	12.87	184	358234	20.15	nq	98
77) Pyrene	12.97	202	1312360	31.48	nq	98
79) Butylbenzylphthalate	13.96	149	575553	32.54	nq	95
80) Benzo(a)anthracene	14.74	228	1161217	31.75	nq	99
81) 3,3'-Dichlorobenzidine	14.73	252	227670	19.93	nq	99
82) Chrysene	14.80	228	1083159	30.65	nq	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	787193	33.18	nq	99
84) Di-n-octyl phthalate	15.84	149	1251999	35.44	nq	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	819861	31.85	nq	100
87) Benzo(b)fluoranthene	16.31	252	984223	34.24	nq	97
88) Benzo(k)fluoranthene	16.34	252	793961m	29.25	nq	
89) Benzo(a)pyrene	16.74	252	813791	32.96	nq	# 97
90) Dibenzo(a,h)anthracene	18.23	278	690225	32.08	nq	97
91) Benzo(g,h,i)perylene	18.57	276	688205	32.59	nq	97

(#) = 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: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

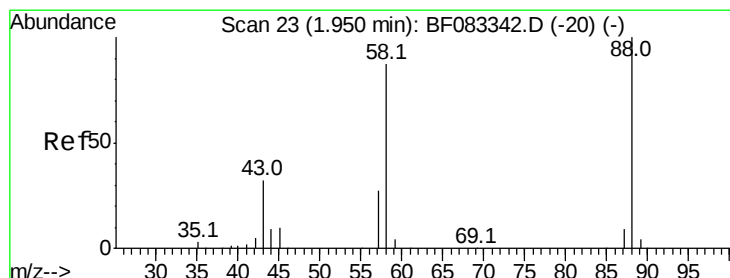
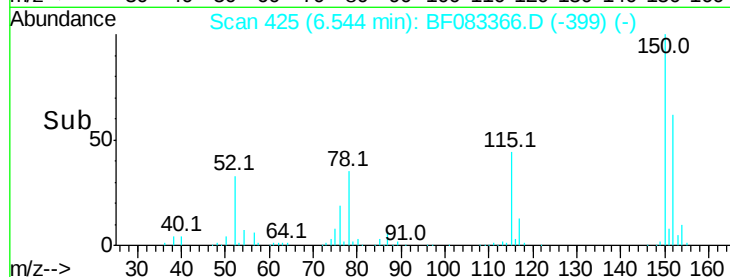
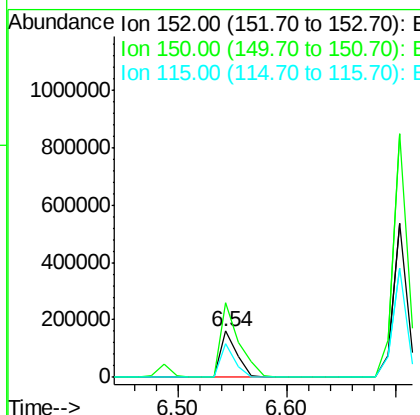
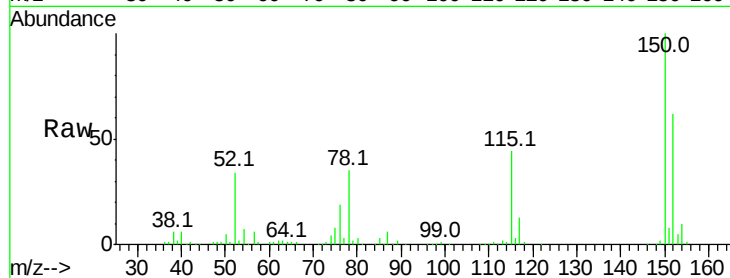
ClientSampleId :

PB86904BSD

Tot Ion:	152	Resp:	166649
Ion Ratio	Lower	Upper	
152	100		
150	161.2	129.8	194.8
115	71.7	59.2	88.8

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#2

1,4-Dioxane

Concen: 26.25 ng

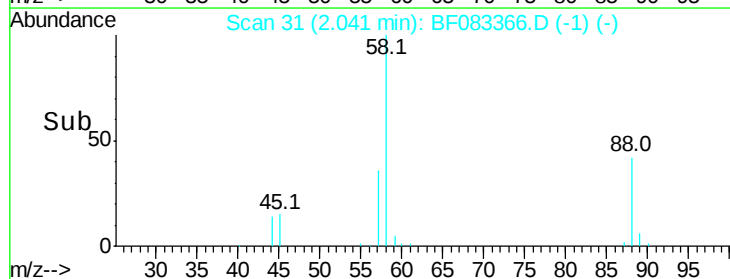
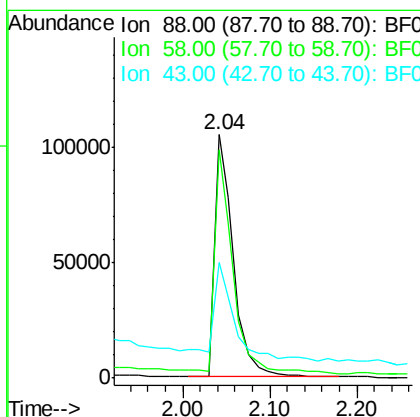
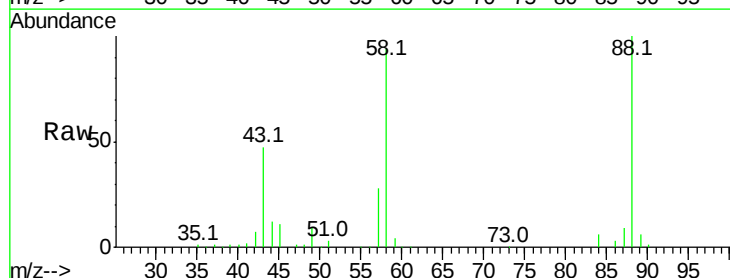
RT: 2.04 min Scan# 31

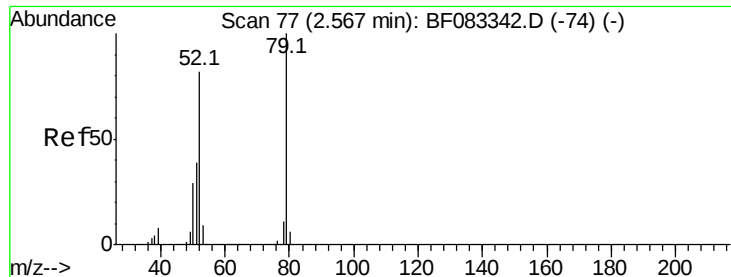
Delta R.T. 0.09 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	88	Resp:	157867
Ion Ratio	Lower	Upper	
88	100		
58	90.5	66.6	100.0
43	45.5	27.1	40.7#





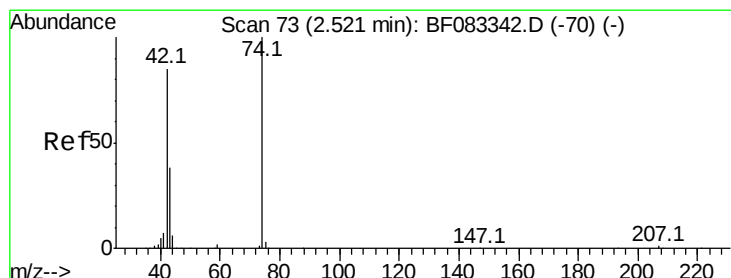
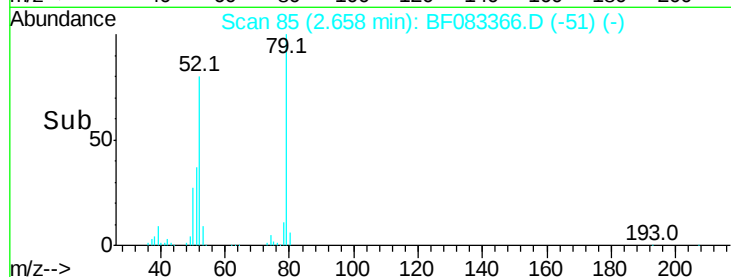
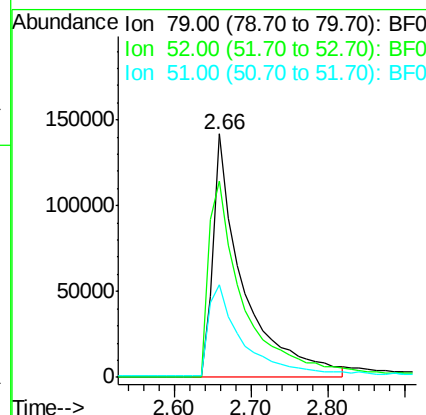
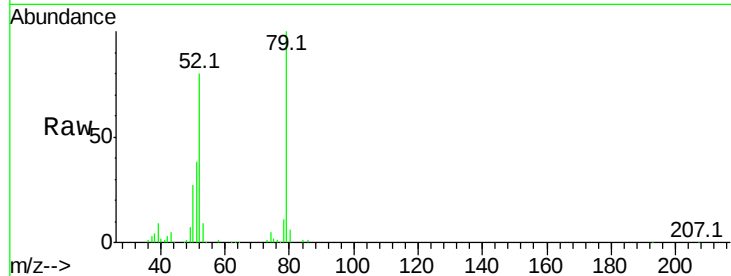
#3
 Pvridine
 Concen: 25.92 ng
 RT: 2.66 min Scan# 85
 Delta R.T. 0.09 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	80.5	65.9	98.9	
51	38.2	32.3	48.5	

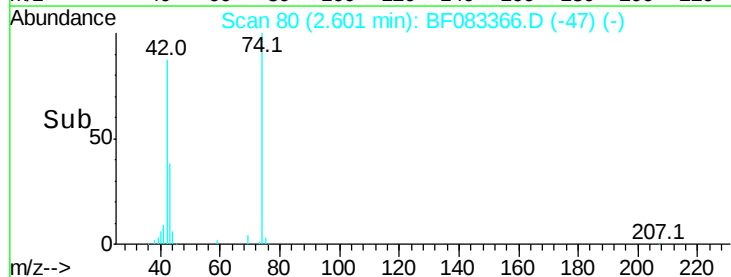
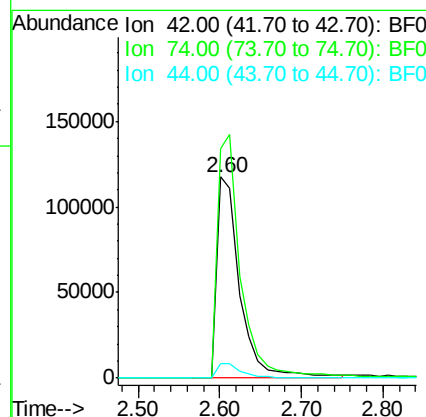
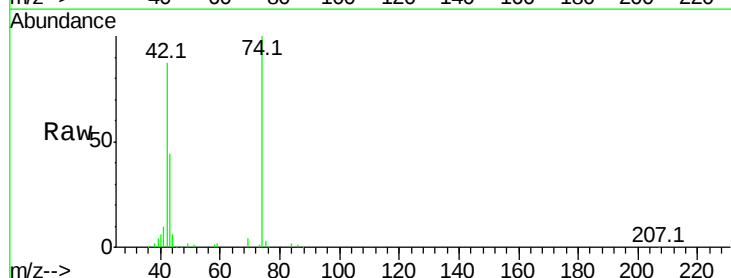
Manual Integrations
 APPROVED

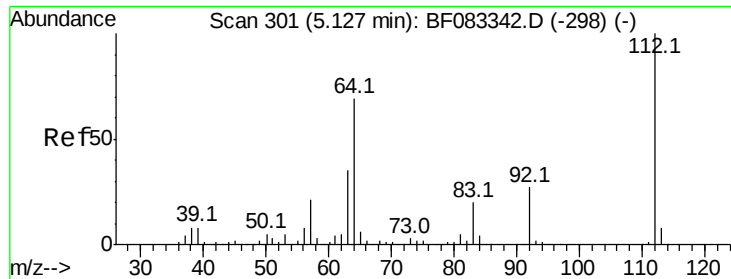
Mmdadoda
 12/1/2015 6:35:20 PM



#4
 n-Nitrosodimethylamine
 Concen: 30.38 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.08 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	114.3	93.7	140.5	
44	7.2	5.6	8.4	





#5

2-Fluorophenol

Concen: 67.81 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

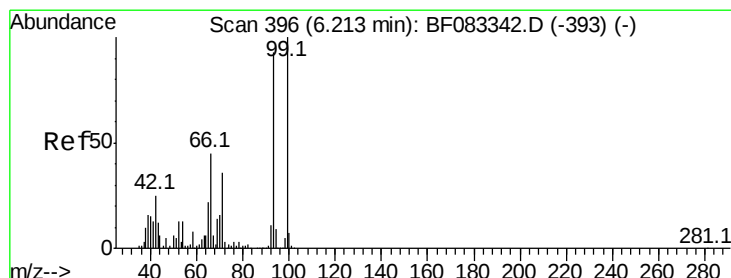
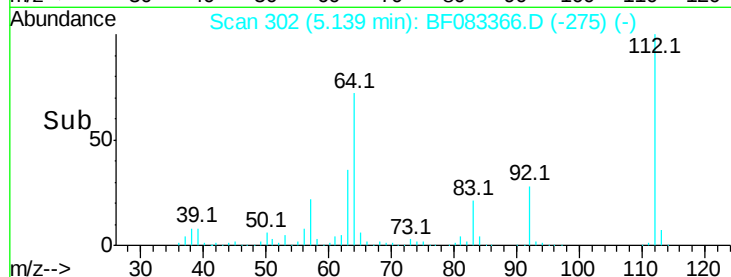
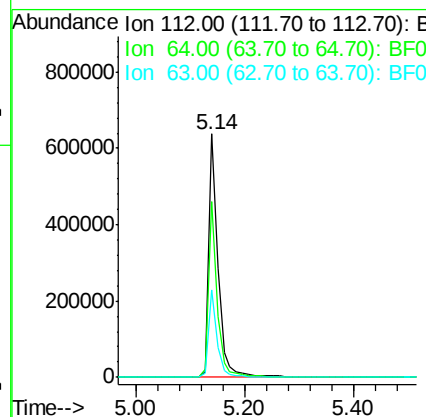
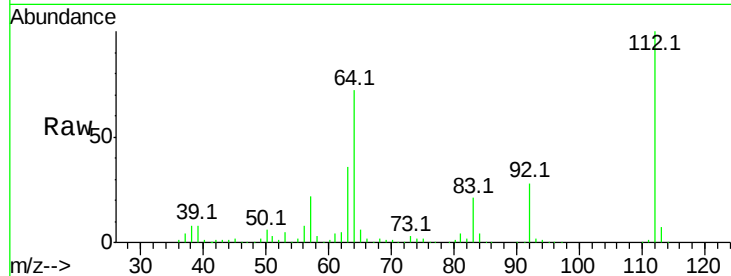
ClientSampleId :

PB86904BSD

Tot Ion:	112	Resp:	753041
Ion Ratio	Lower	Upper	
112	100		
64	72.4	55.6	83.4
63	36.0	28.2	42.2

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#6

Aniline

Concen: 17.44 ng

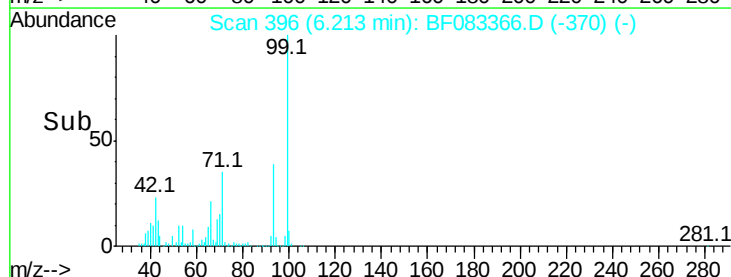
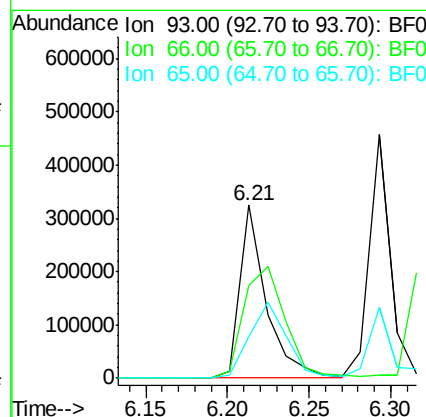
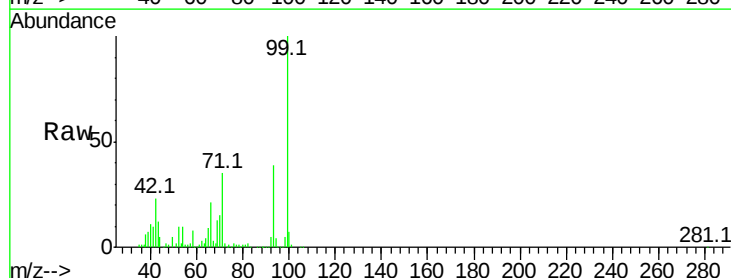
RT: 6.21 min Scan# 396

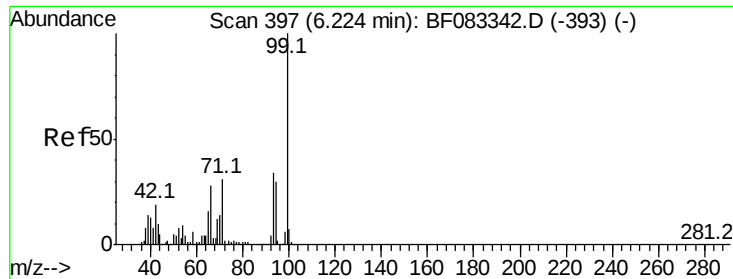
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	93	Resp:	362741
Ion Ratio	Lower	Upper	
93	100		
66	53.6	38.7	58.1
65	23.7	19.0	28.6





#7

Phenol-d6

Concen: 63.91 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

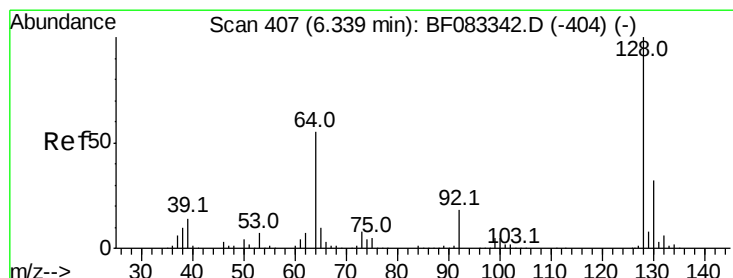
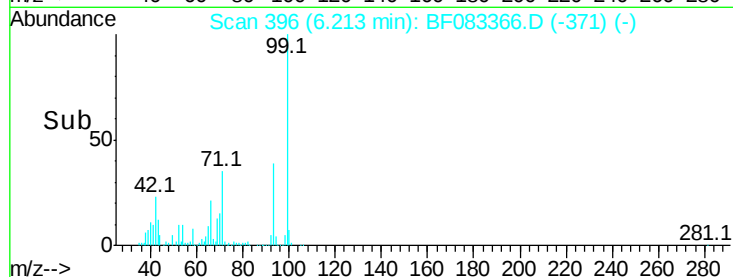
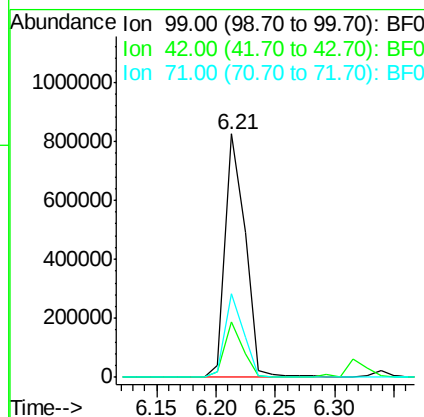
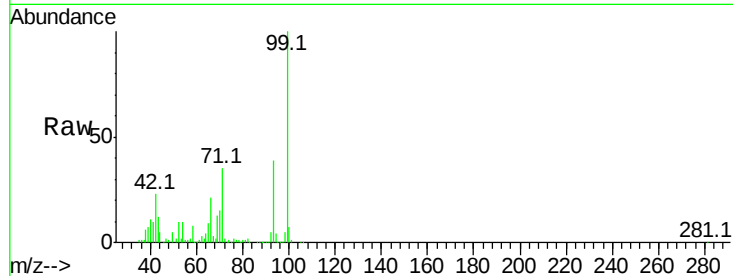
ClientSampleId :

PB86904BSD

Tot Ion:	99	Resp:	971450
Ion Ratio	Lower	Upper	
99	100		
42	22.9	14.9	22.3#
71	34.6	24.7	37.1

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#8

2-Chlorophenol

Concen: 32.73 ng

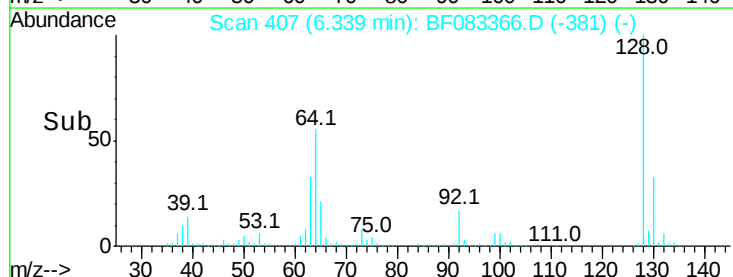
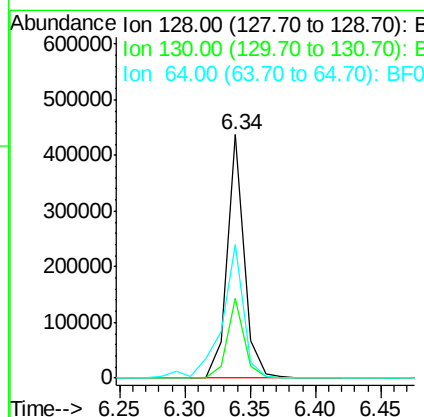
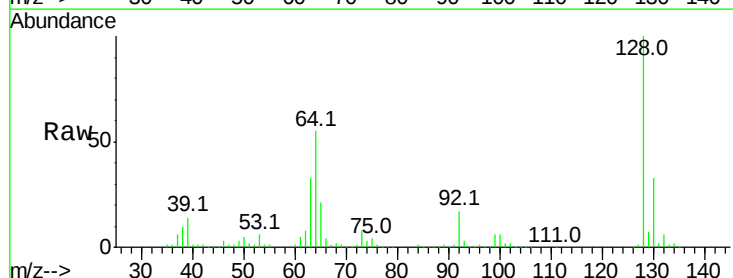
RT: 6.34 min Scan# 407

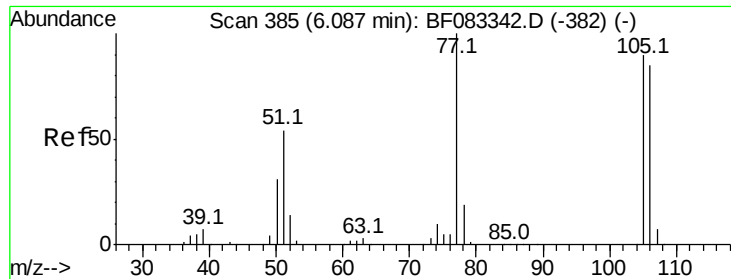
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	128	Resp:	400978
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.3	52.3
64	54.7	36.4	76.4





#9

Benzaldehyde

Concen: 26.56 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

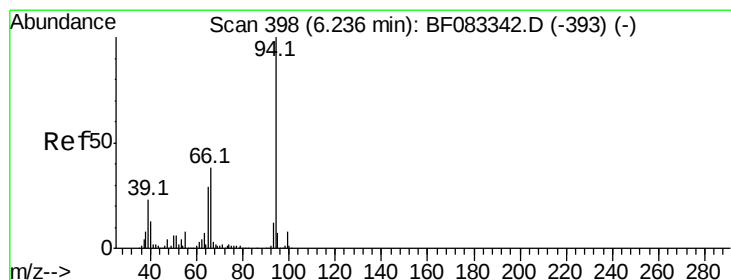
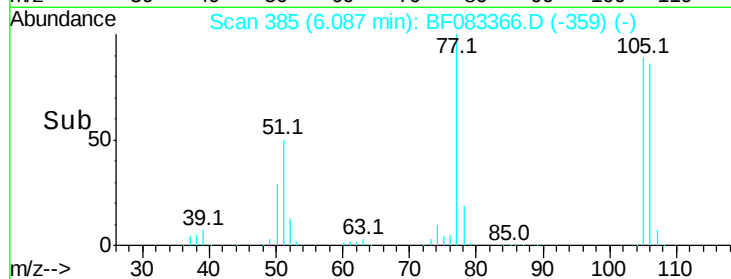
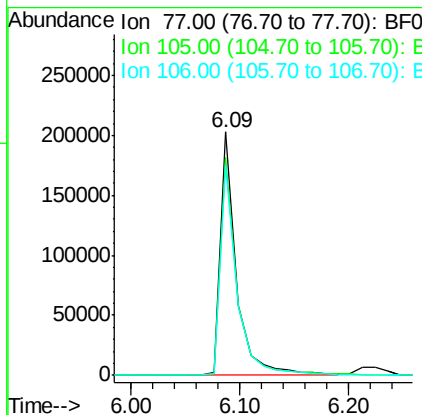
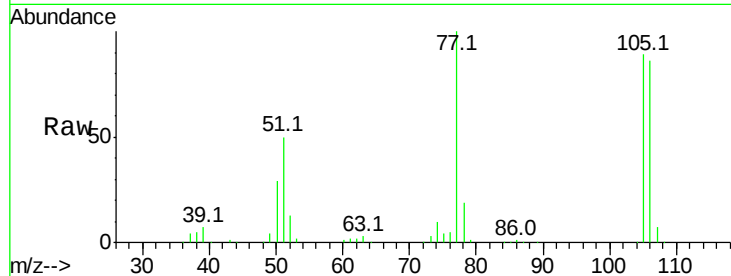
ClientSampleId :

PB86904BSD

Tot Ion:	77	Resp:	210243
Ion Ratio	Lower	Upper	
77	100		
105	89.3	70.0	110.0
106	86.3	65.0	105.0

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#10

Phenol

Concen: 28.63 ng

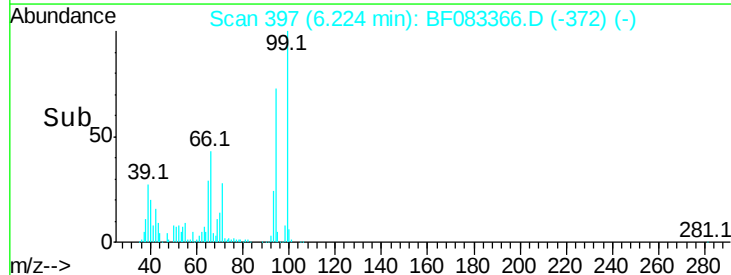
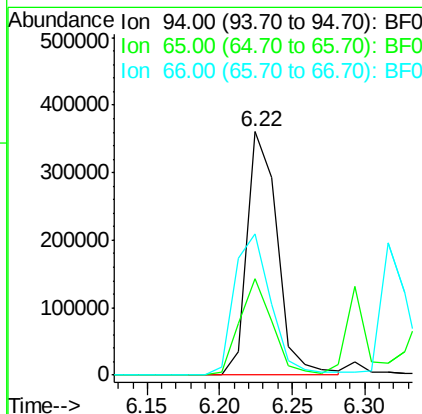
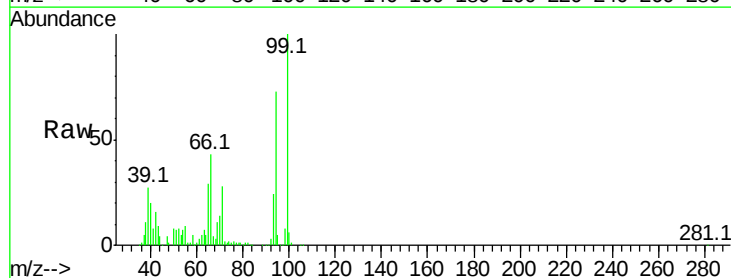
RT: 6.22 min Scan# 397

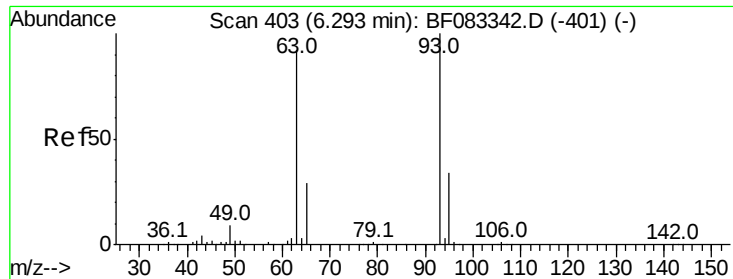
Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	94	Resp:	523638
Ion Ratio	Lower	Upper	
94	100		
65	39.8	9.5	49.5
66	58.0	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 32.15 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

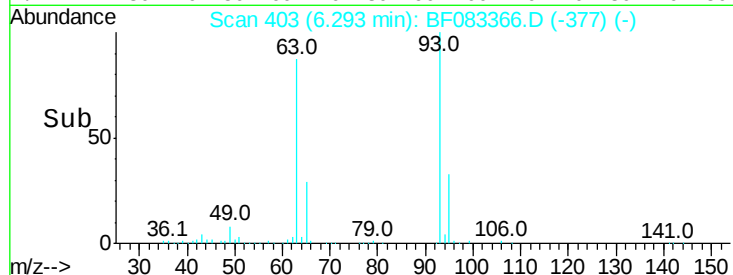
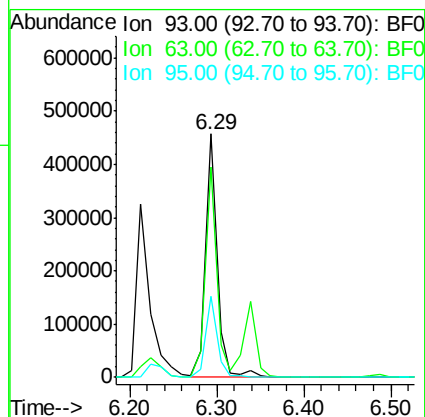
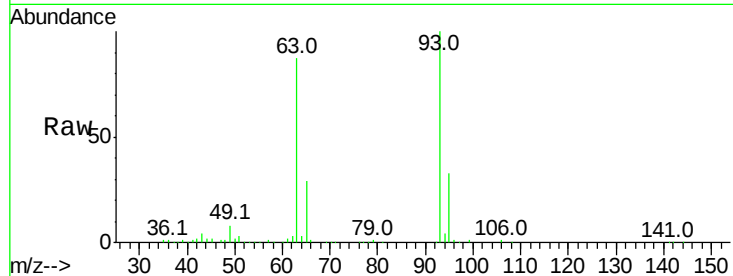
ClientSampleId :

PB86904BSD

Tot Ion:	93	Resp:	427816
Ion Ratio	Lower	Upper	
93	100		
63	86.5	71.4	111.4
95	33.4	13.4	53.4

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#12

1,3-Dichlorobenzene

Concen: 31.64 ng

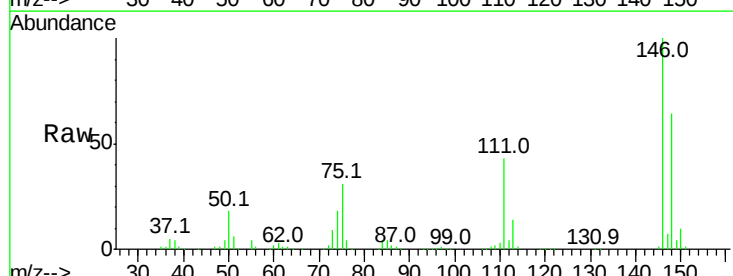
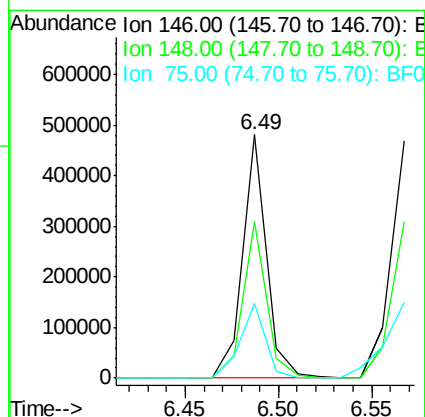
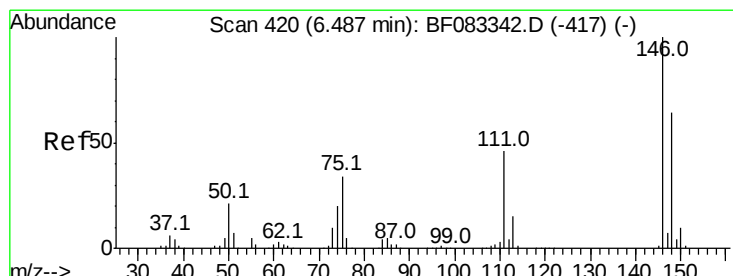
RT: 6.49 min Scan# 420

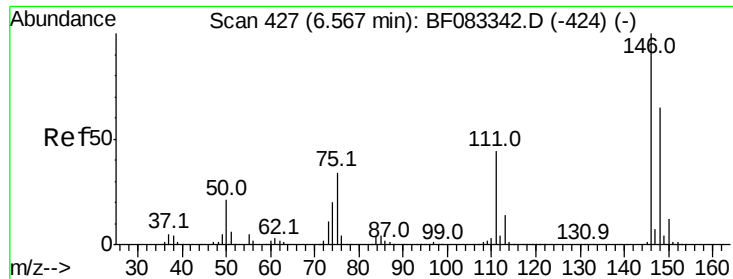
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	146	Resp:	430867
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
75	30.6	27.5	41.3





#13

1,4-Dichlorobenzene

Concen: 31.25 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

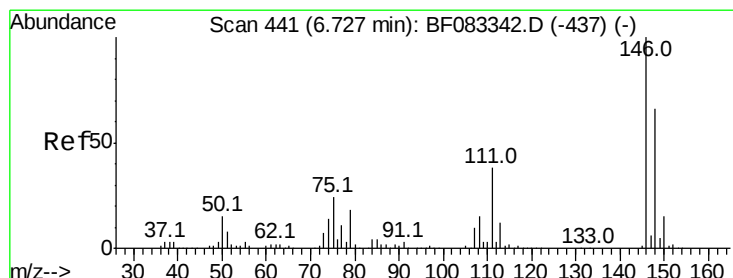
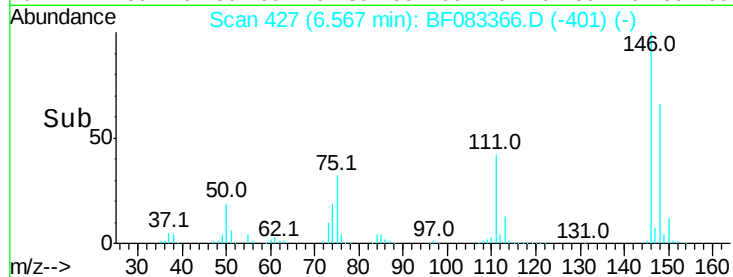
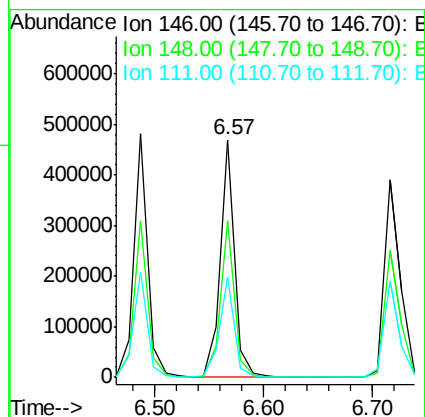
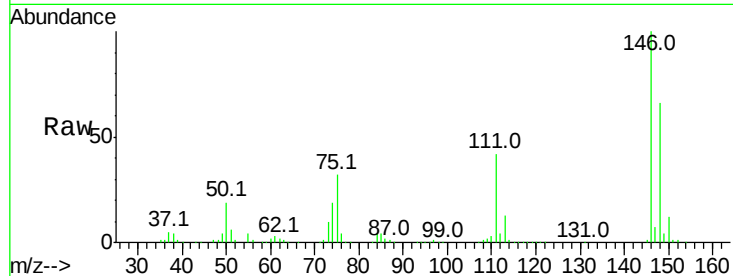
ClientSampleId :

PB86904BSD

Tot Ion:	146	Resp:	439856
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.1	78.1
111	42.2	35.4	53.0

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#14

1,2-Dichlorobenzene

Concen: 31.21 ng m

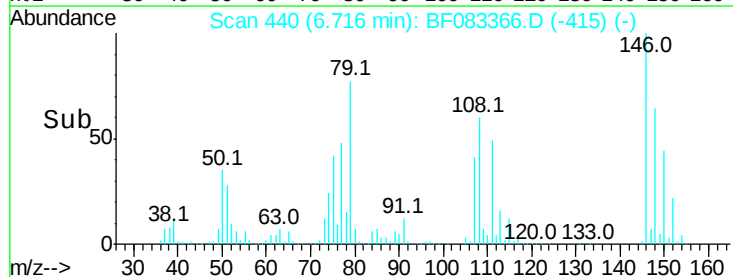
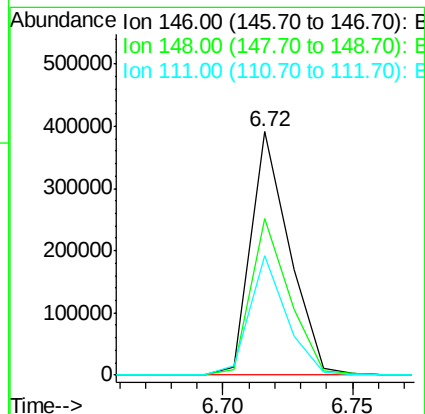
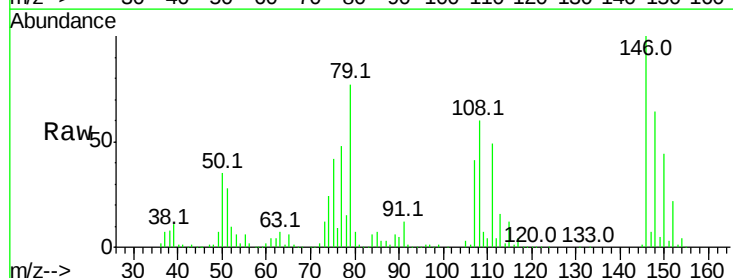
RT: 6.72 min Scan# 440

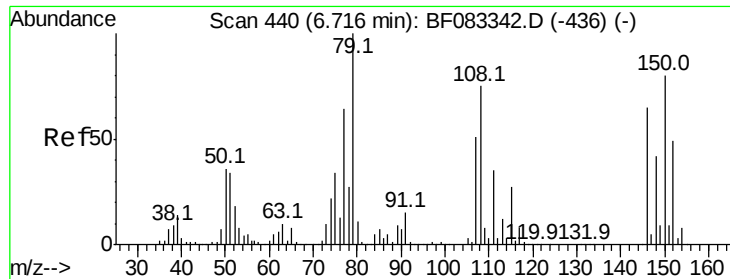
Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	146	Resp:	403029
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.5	78.7
111	48.9	30.6	46.0#





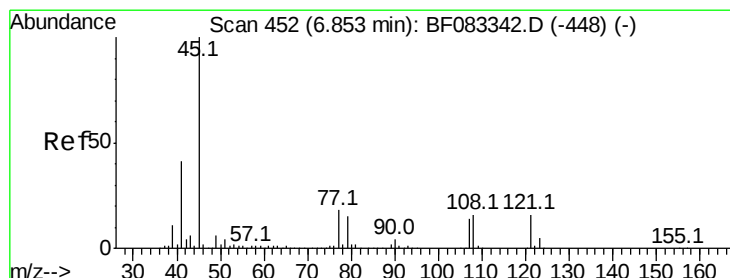
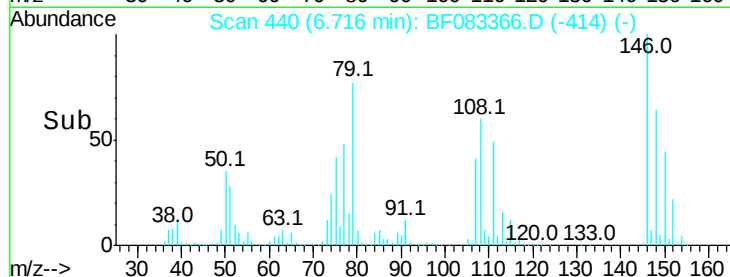
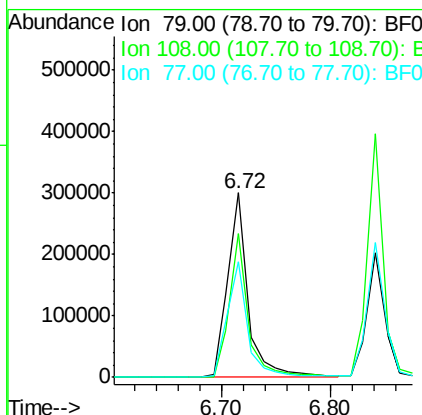
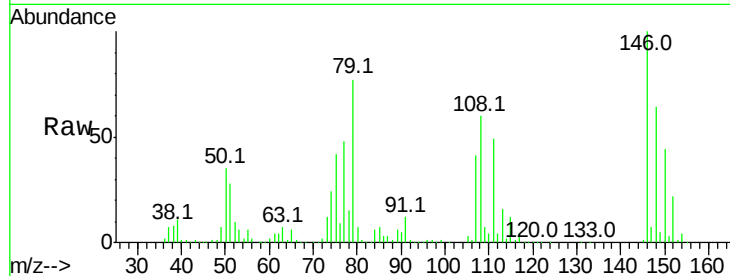
#15
Benzyl Alcohol
Concen: 33.45 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	78.1	59.9	89.9
77	62.7	51.0	76.6

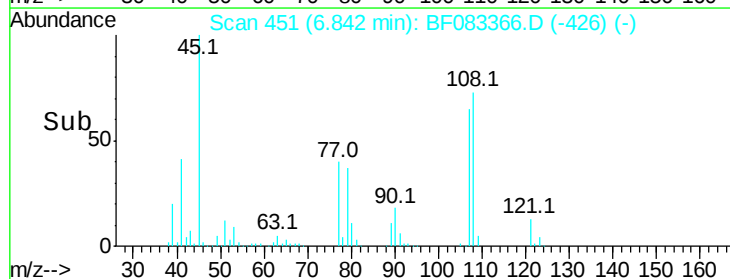
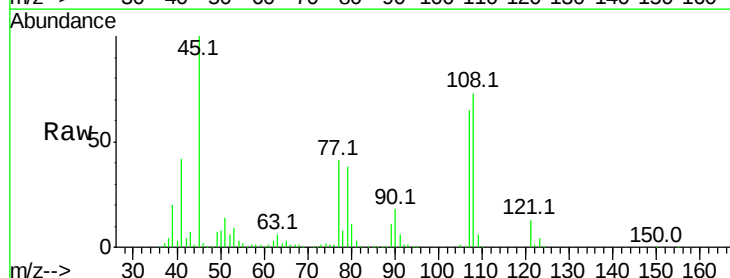
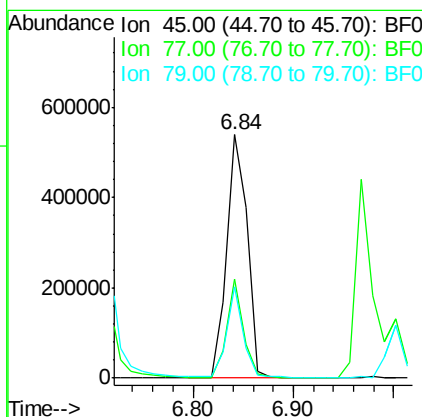
Manual Integrations
APPROVED

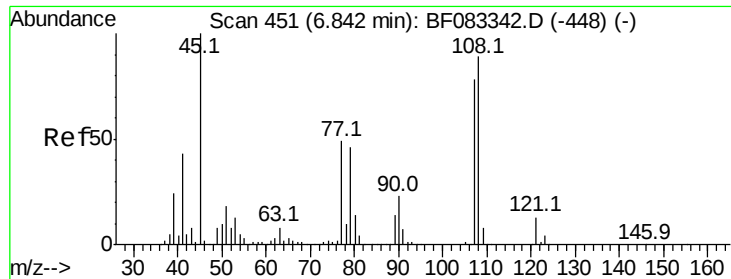
Mmdadoda
12/1/2015 6:35:20 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.53 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	40.8	0.0	38.3#
79	37.6	0.0	35.4#





#17

2-Methylphenol

Concen: 34.22 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

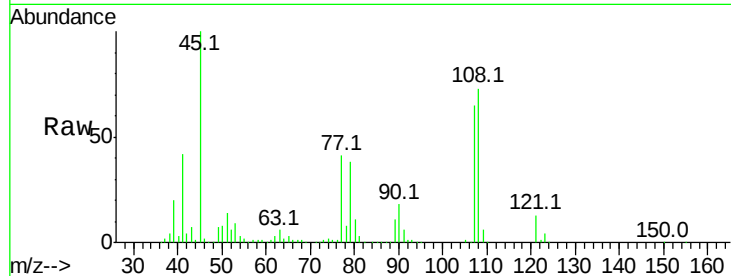
ClientSampleId :

PB86904BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		349377		
108	112.9	91.6	137.4		
77	62.7	49.9	74.9		
79	57.8	47.3	70.9		

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM

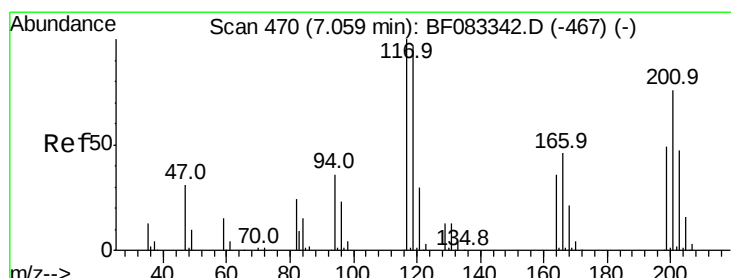
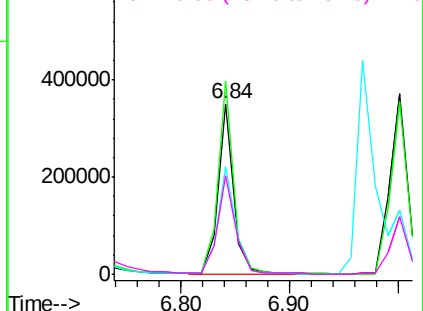
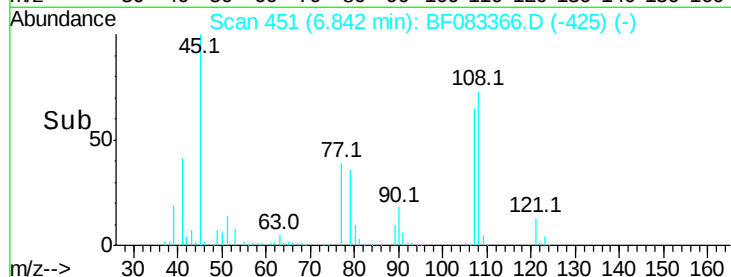


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.53 ng

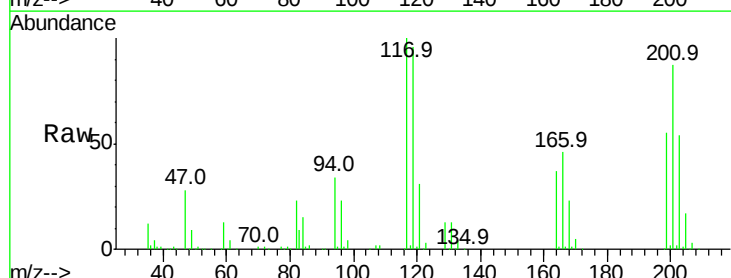
RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

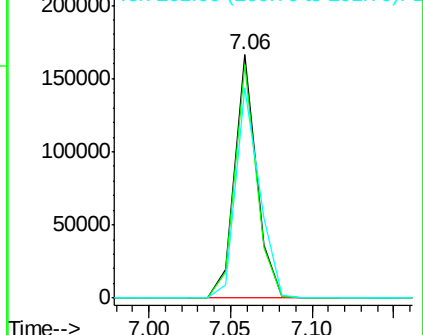
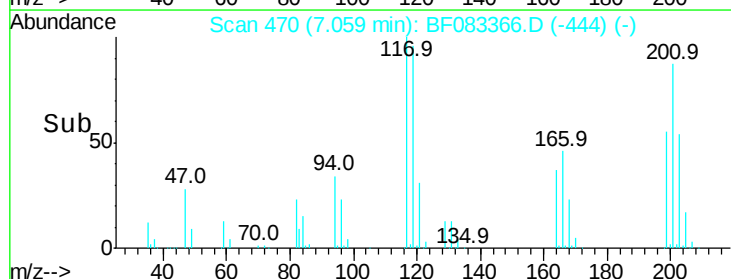
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		154107		
119	96.1	77.3	115.9		
201	86.5	60.6	90.8		

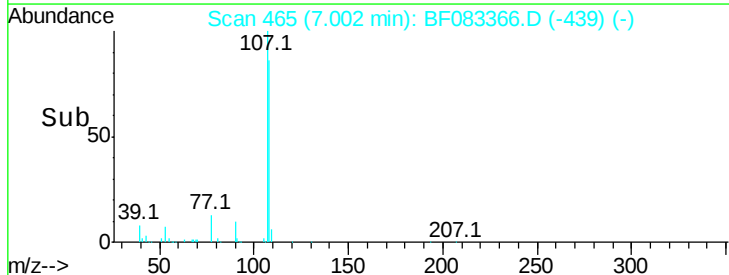
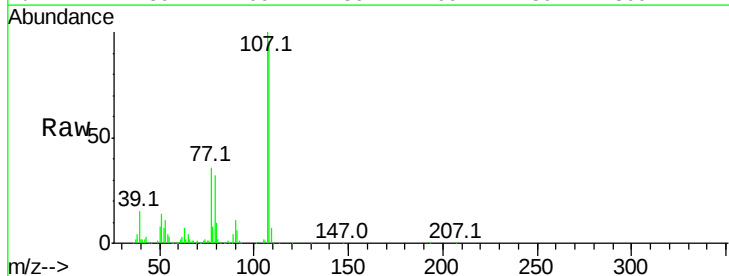
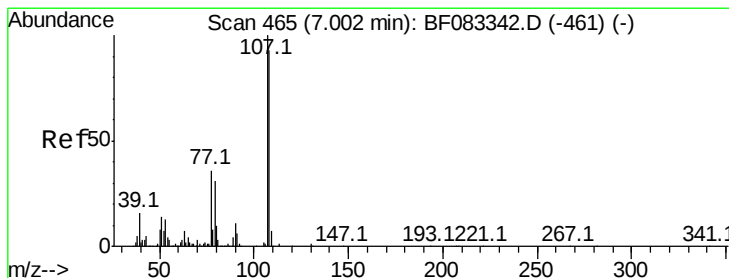
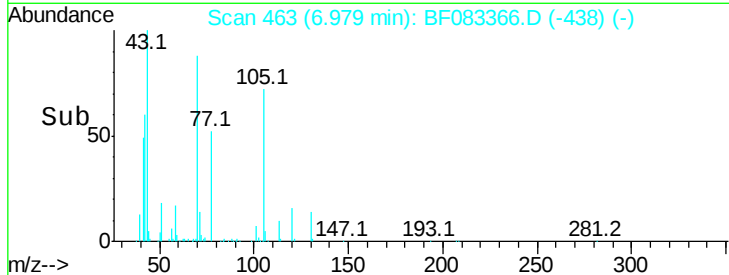
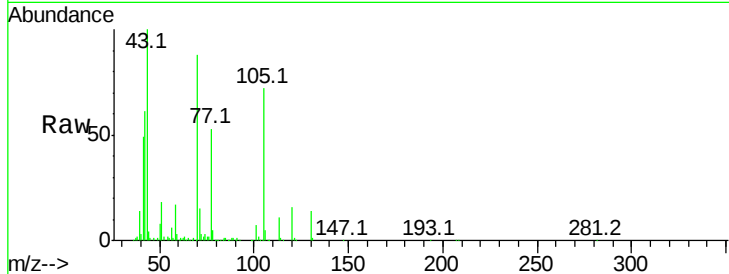
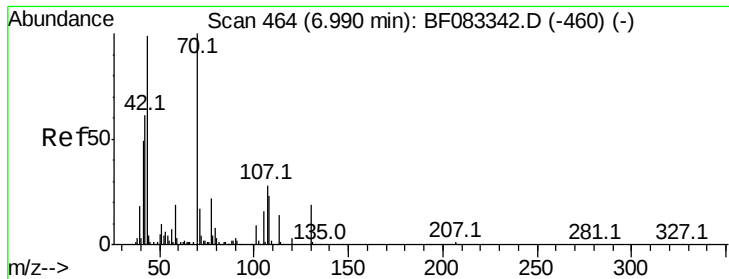


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





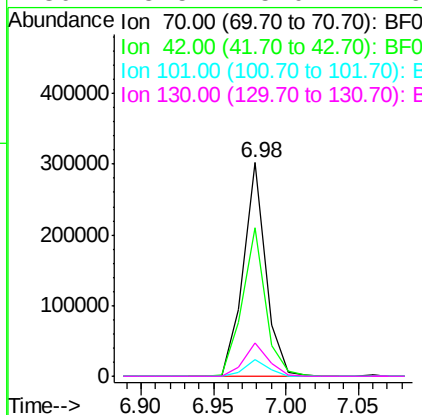
#19
n-Nitroso-di-n-propylamine
Concen: 30.06 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.4	48.8	73.2		
101	8.0	7.1	10.7		
130	15.5	15.0	22.6		

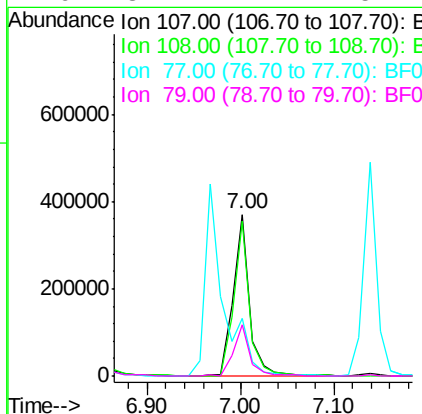
Manual Integrations
APPROVED

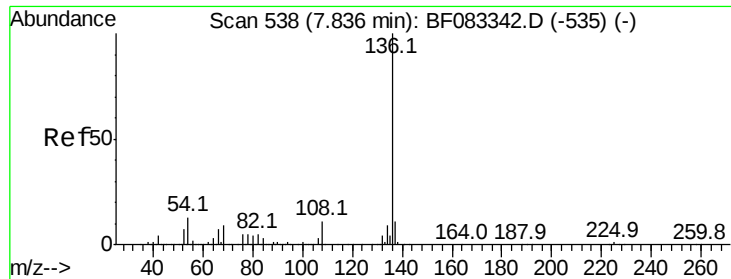
Mmdadoda
12/1/2015 6:35:20 PM



#20
3+4-Methylphenols
Concen: 32.41 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.5	73.0	113.0		
77	35.6	16.8	56.8		
79	31.7	11.4	51.4		





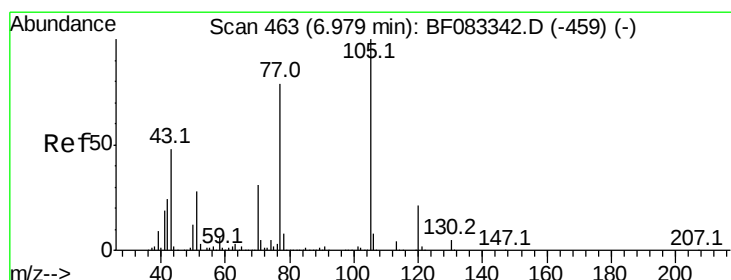
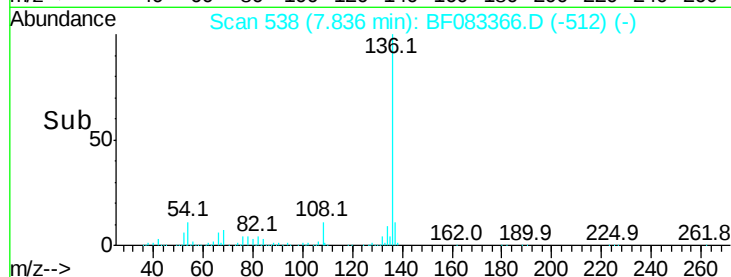
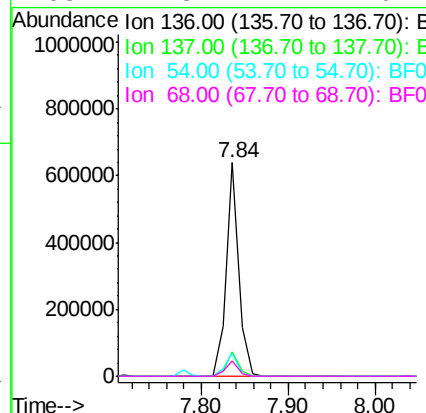
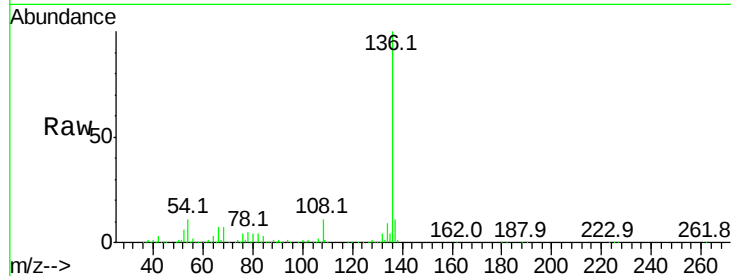
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		652017		
137	11.1	9.0	13.4		
54	10.9	10.1	15.1		
68	7.3	7.1	10.7		

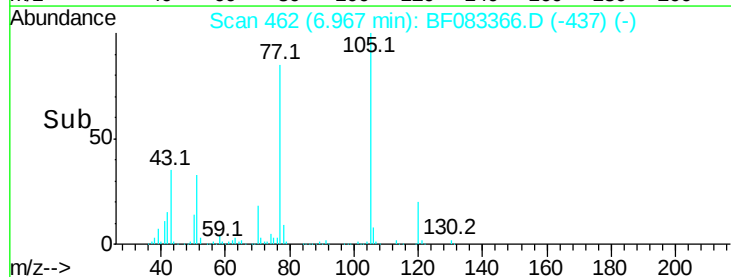
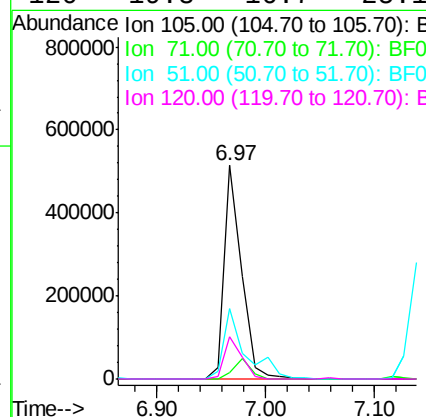
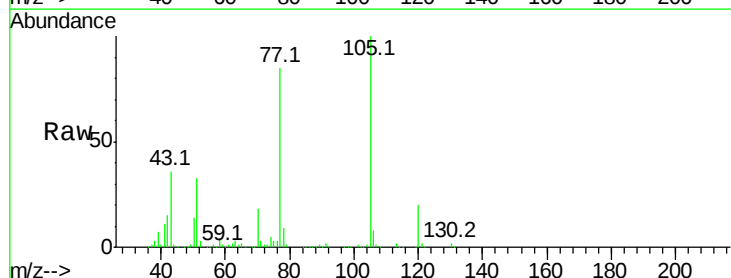
Manual Integrations
APPROVED

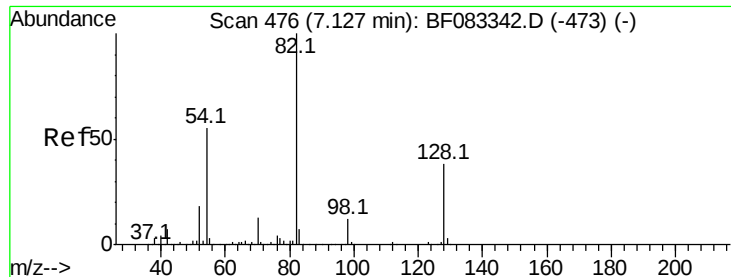
Mmdadoda
12/1/2015 6:35:20 PM



#22
Acetophenone
Concen: 29.46 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		574637		
71	3.1	4.3	6.5#		
51	33.1	22.9	34.3		
120	19.8	16.7	25.1		





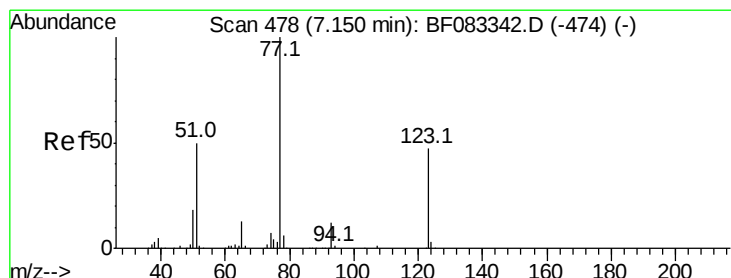
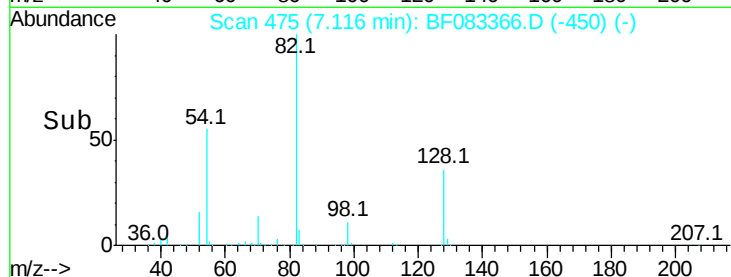
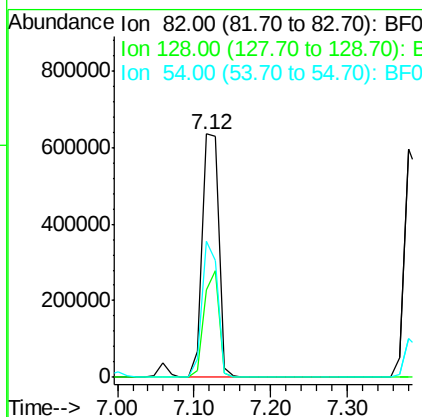
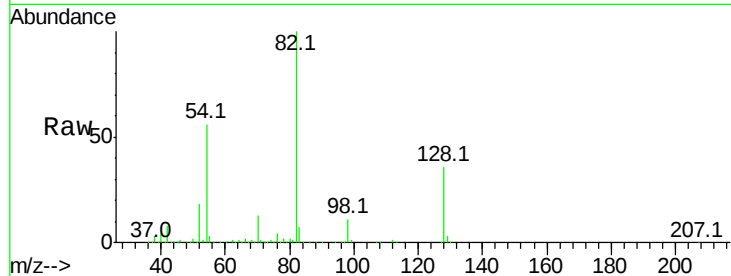
#23
 Nitrobenzene-d5
 Concen: 63.55 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.6	46.0
54	56.1	43.8	65.6

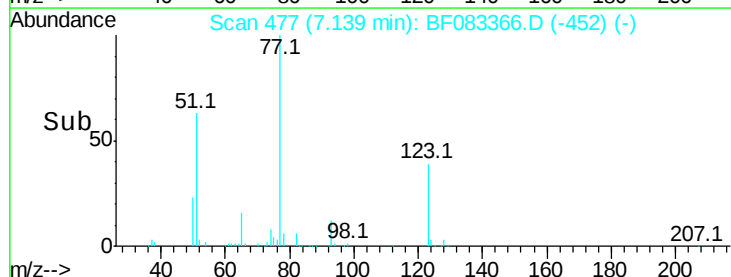
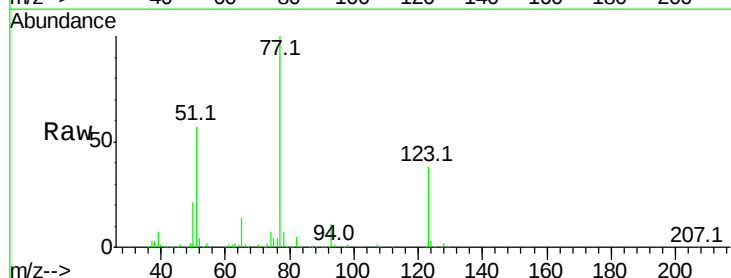
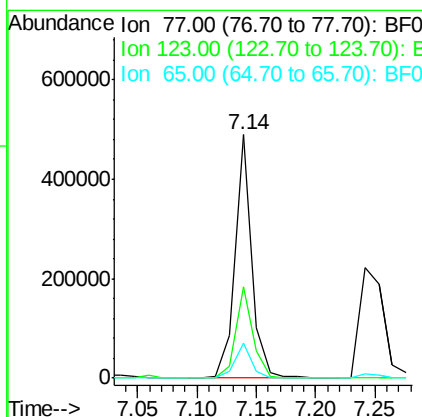
Manual Integrations
 APPROVED

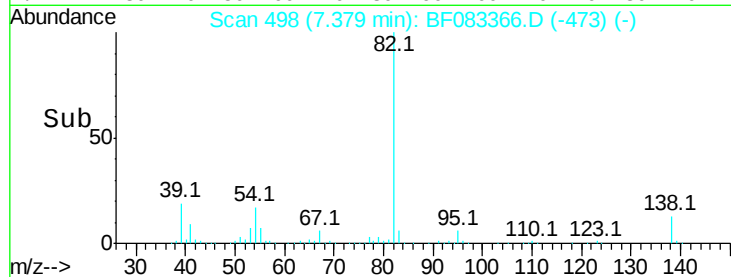
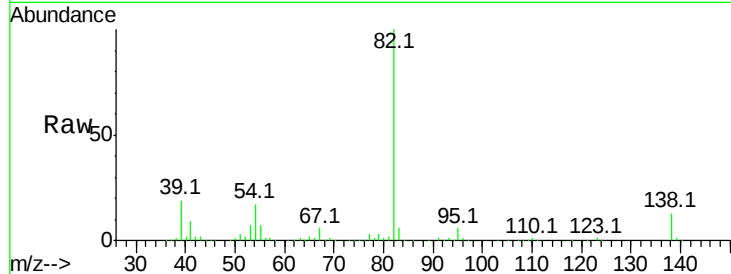
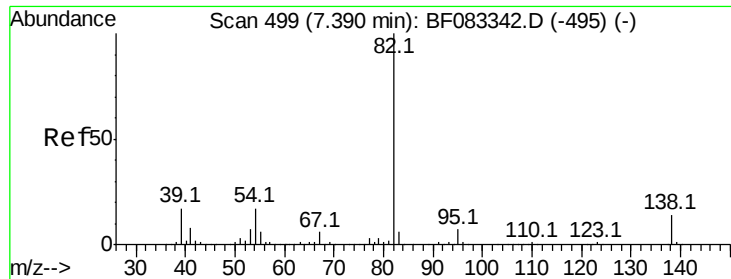
Mmdadoda
 12/1/2015 6:35:20 PM



#24
 Nitrobenzene
 Concen: 29.98 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	37.4	56.0
65	14.4	10.6	15.8





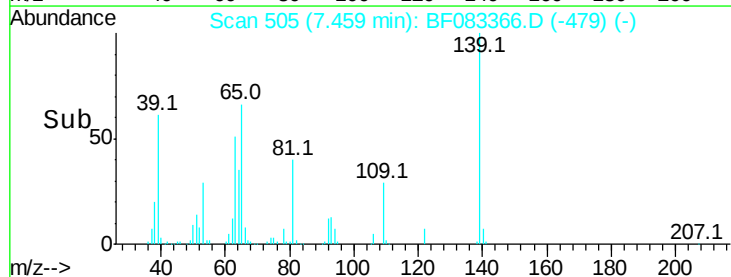
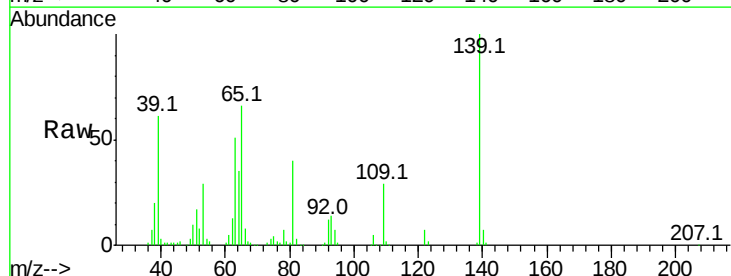
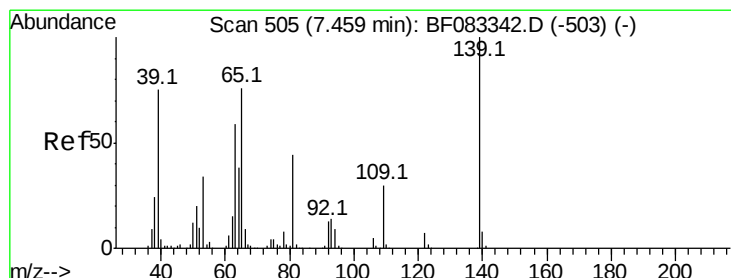
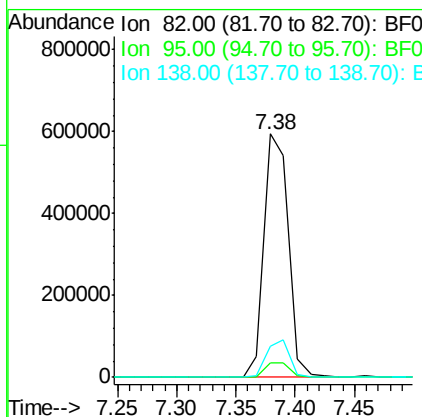
#25
Isophorone
Concen: 29.70 ng
RT: 7.38 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.0	5.3	7.9	
138	12.9	11.6	17.4	

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

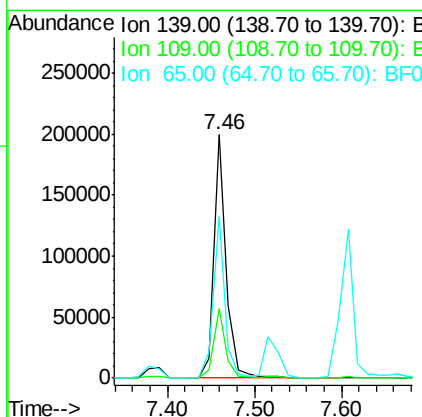
Manual Integrations
APPROVED

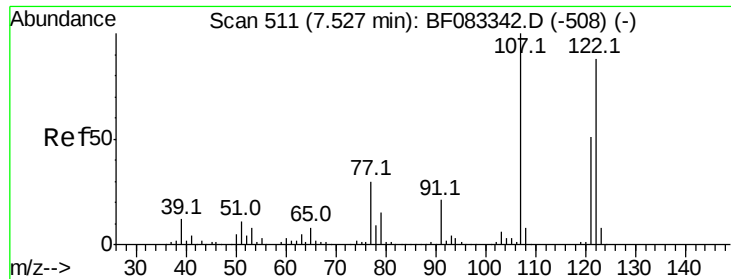
Mmdadoda
12/1/2015 6:35:20 PM



#26
2-Nitrophenol
Concen: 30.88 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.6	24.2	36.4	
65	66.3	61.0	91.6	





#27

2,4-Dimethylphenol

Concen: 31.83 ng

RT: 7.52 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

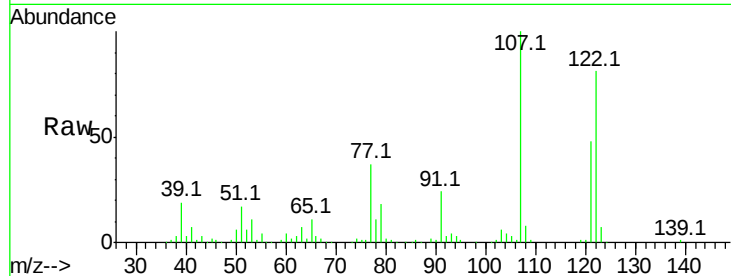
ClientSampleId :

PB86904BSD

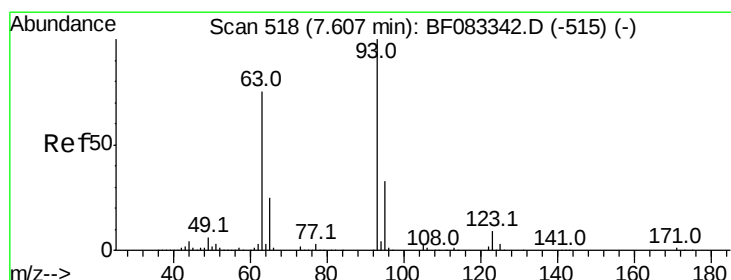
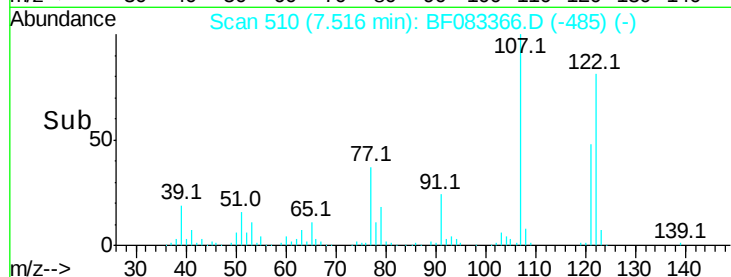
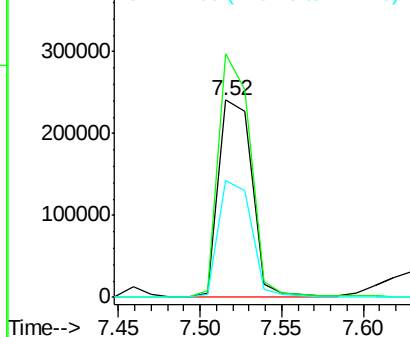
Tot Ion:	122	Resp:	344996
Ion Ratio	Lower	Upper	
122	100		
107	123.5	91.2	136.8
121	59.1	46.4	69.6

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.47 ng

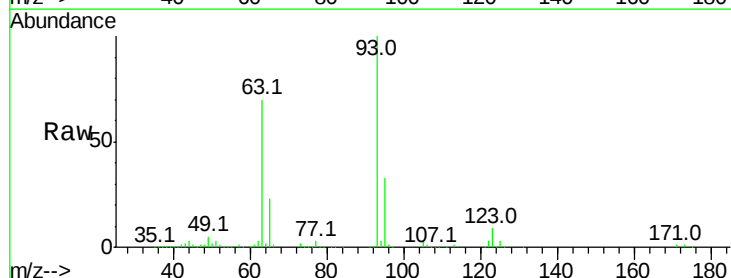
RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

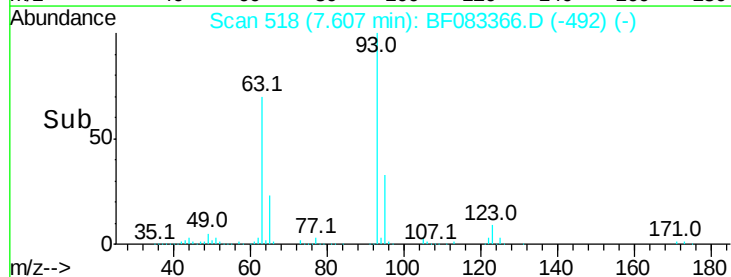
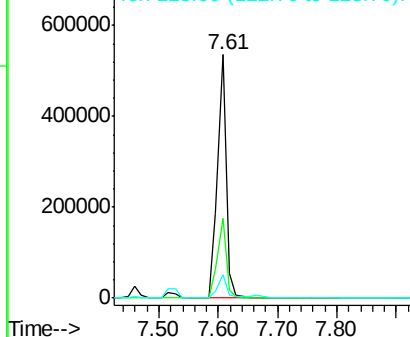
Lab File: BF083366.D

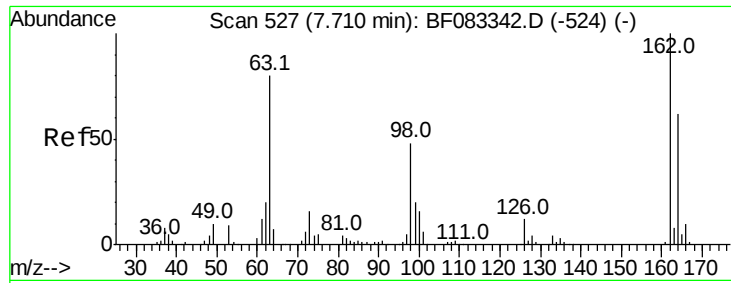
Acq: 1 Dec 2015 7:17

Tgt Ion:	93	Resp:	547562
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.1	39.1
123	9.4	7.4	11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





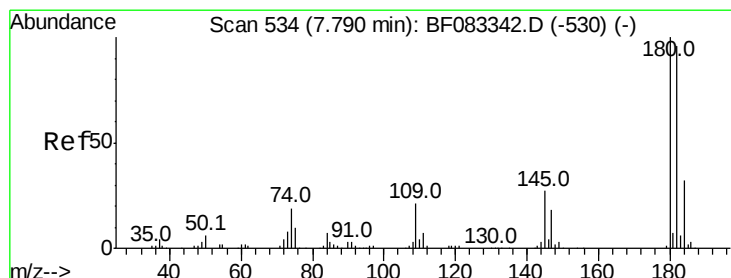
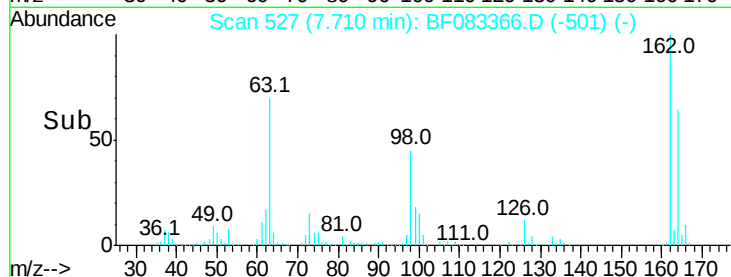
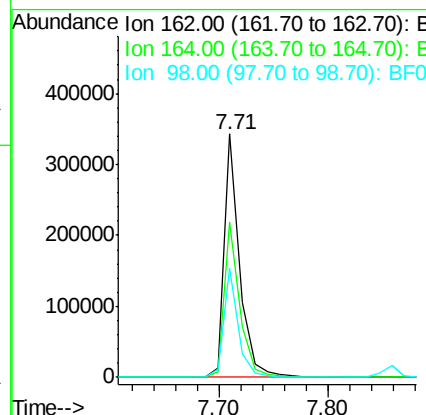
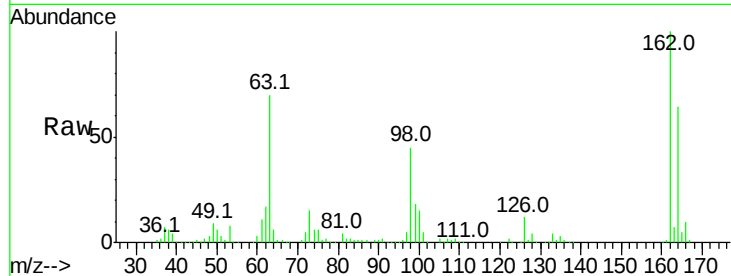
#29
2,4-Dichlorophenol
Concen: 32.70 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	41.9	81.9
98	45.0	28.1	68.1

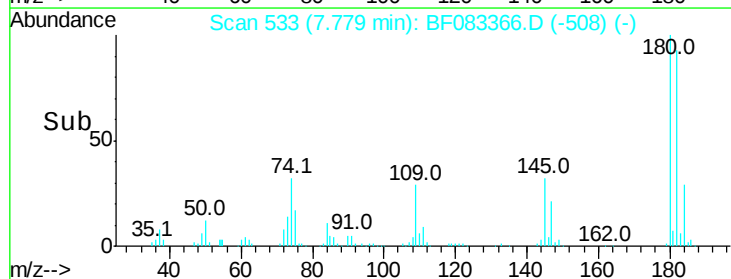
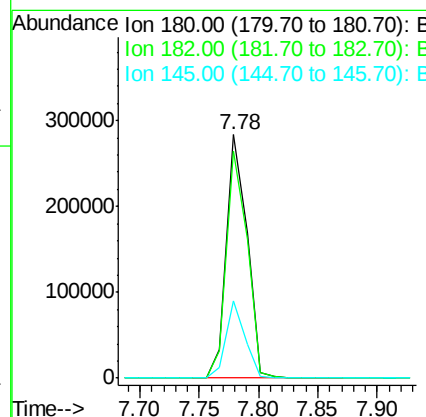
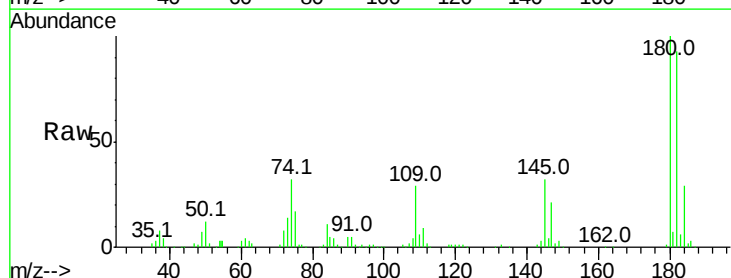
Manual Integrations
APPROVED

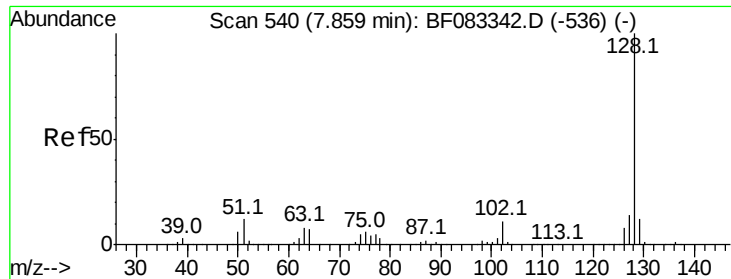
Mmdadoda
12/1/2015 6:35:20 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.00 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	77.2	115.8
145	31.7	21.4	32.2





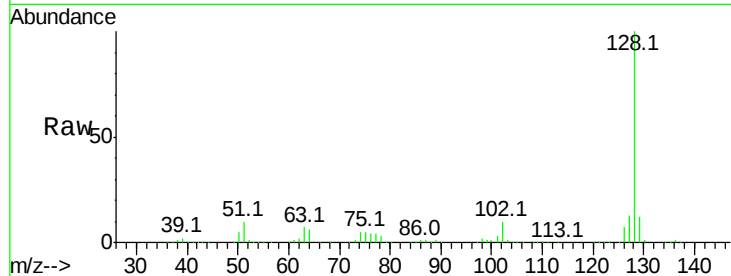
#31
Naphthalene
Concen: 32.18 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

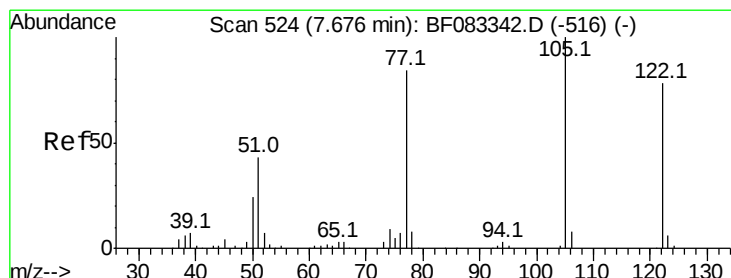
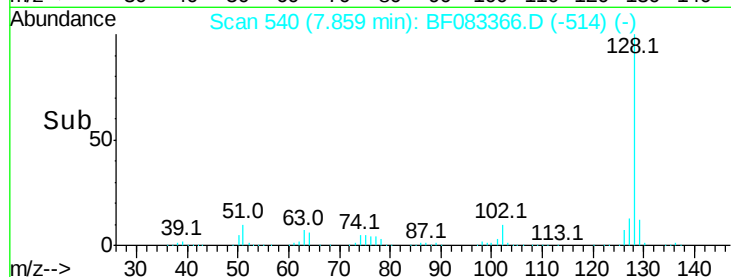
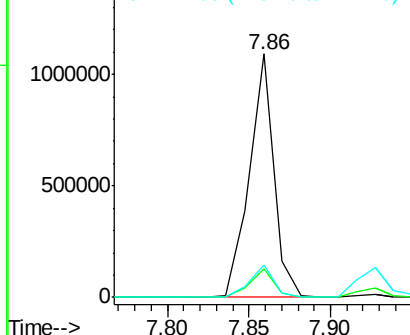
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	13.2	11.0	16.4

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM

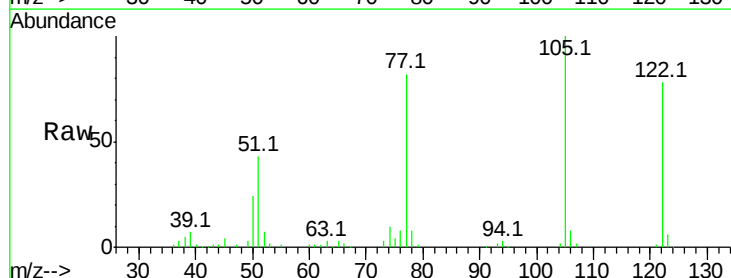


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

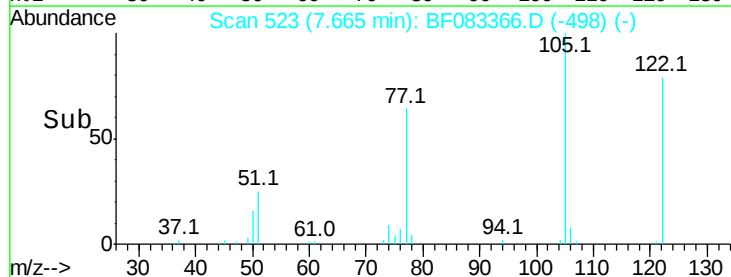
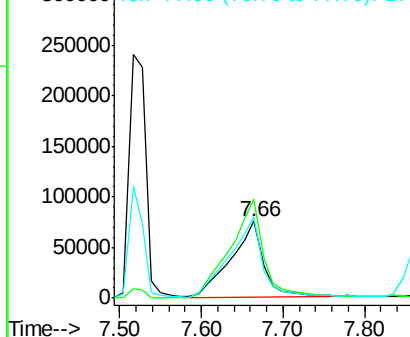


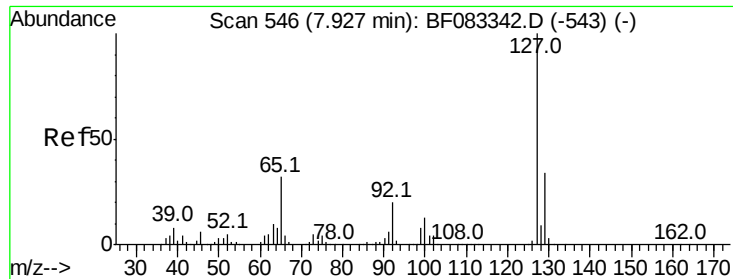
#32
Benzoic acid
Concen: 27.64 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	106.0	146.0
77	105.6	86.3	126.3



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





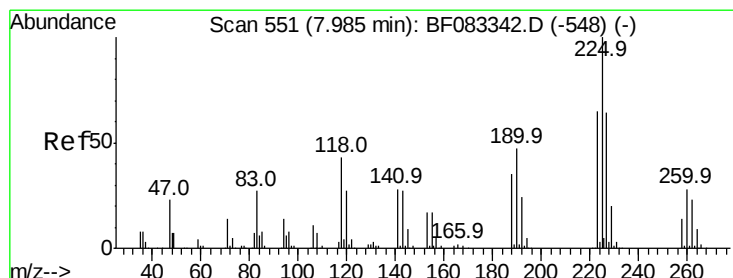
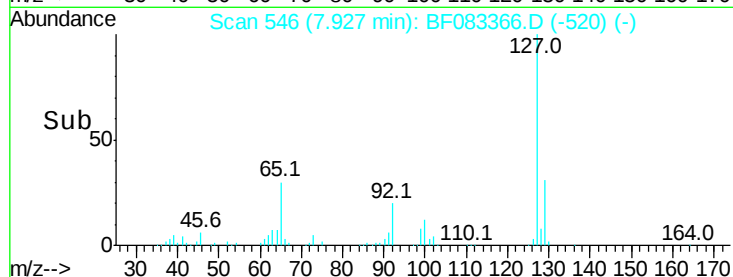
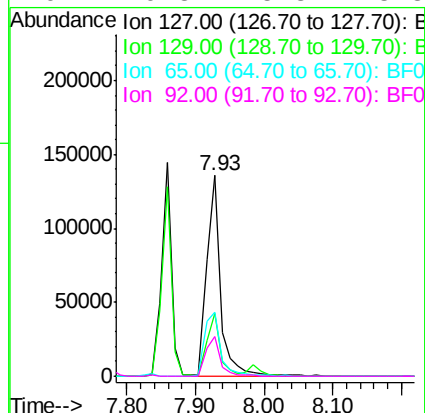
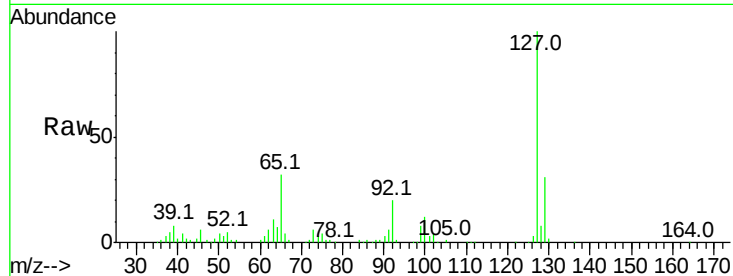
#33
4-Chloroaniline
Concen: 12.44 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.4	27.0	40.4
65	32.1	25.9	38.9
92	19.8	15.8	23.8

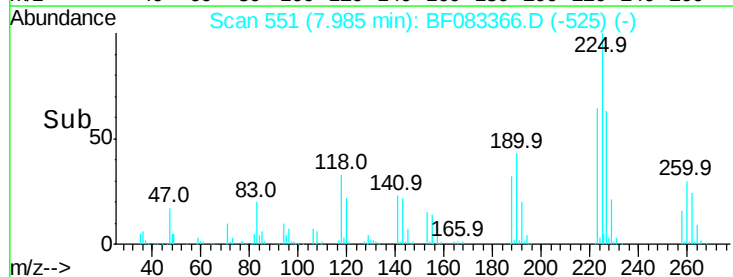
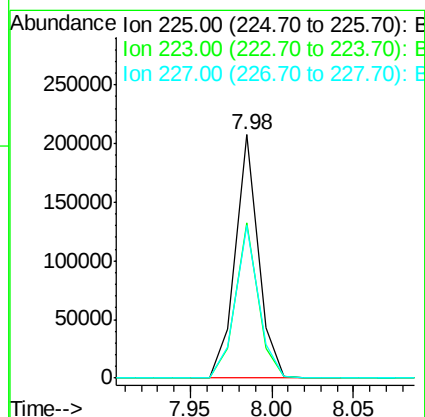
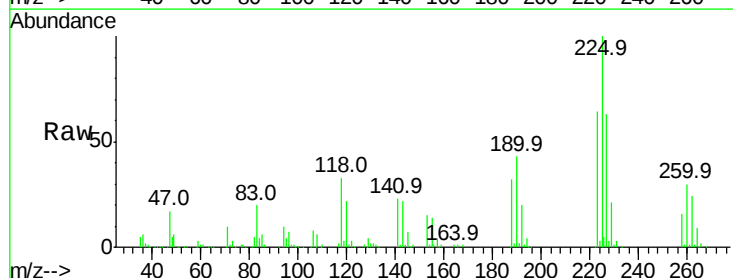
Manual Integrations
APPROVED

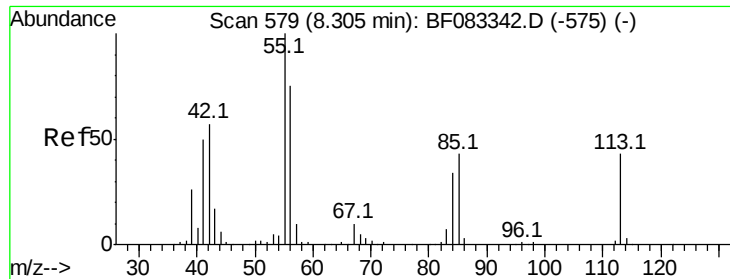
Mmdadoda
12/1/2015 6:35:20 PM



#34
Hexachlorobutadiene
Concen: 31.32 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	52.0	78.0
227	62.8	51.1	76.7





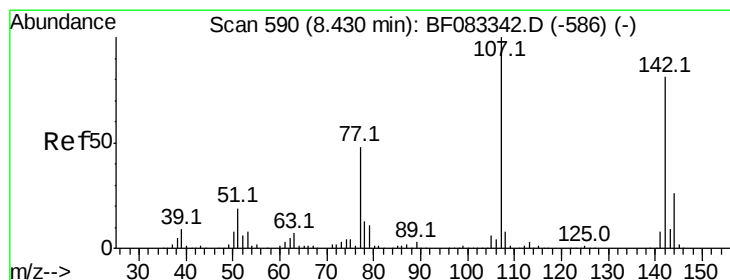
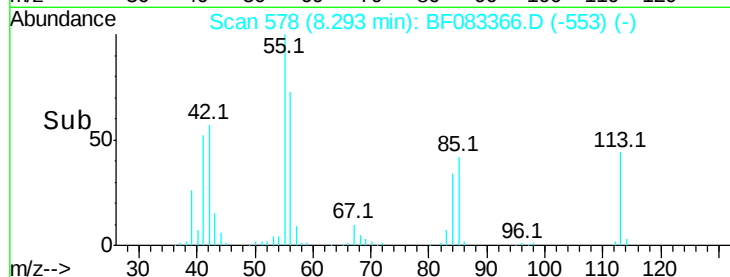
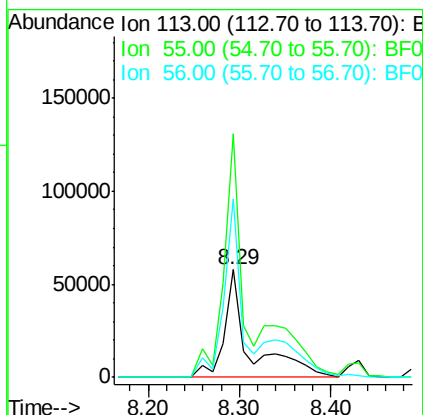
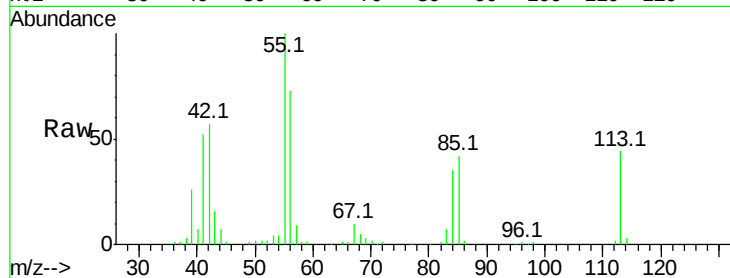
#35
 Caprolactam
 Concen: 33.72 ng/ml
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	226.7	211.6	251.6		
56	166.4	153.0	193.0		

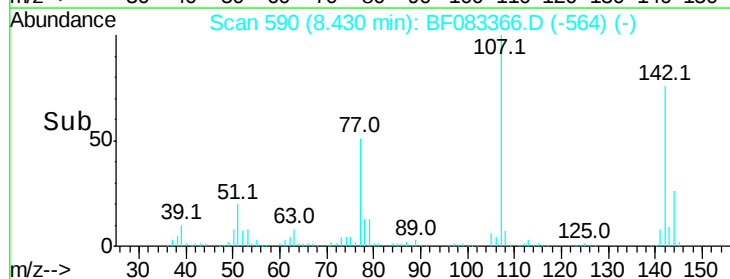
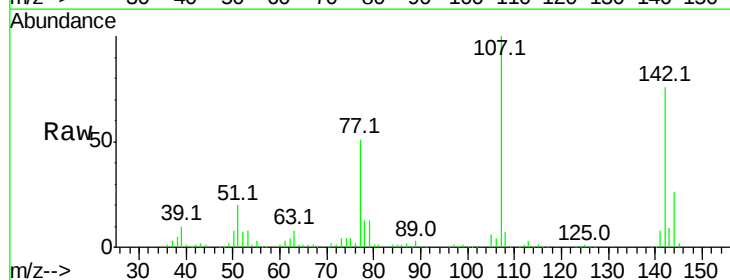
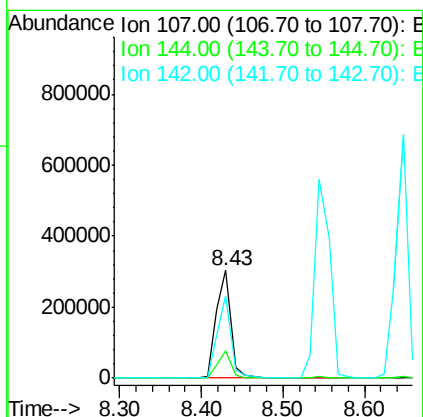
Manual Integrations
 APPROVED

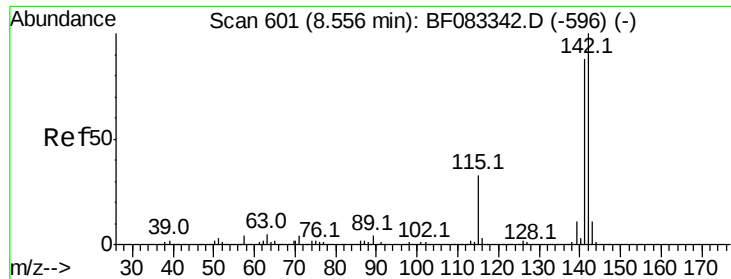
Mmdadoda
 12/1/2015 6:35:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 32.47 ng/ml
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

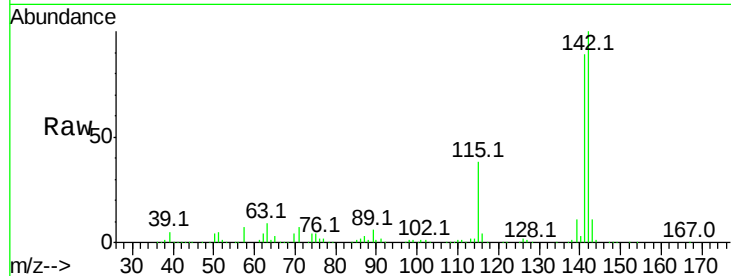
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	21.1	31.7		
142	76.4	65.1	97.7		





#37
 2-Methylnaphthalene
 Concen: 29.82 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

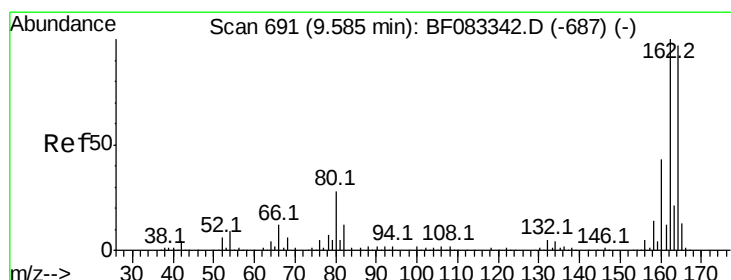
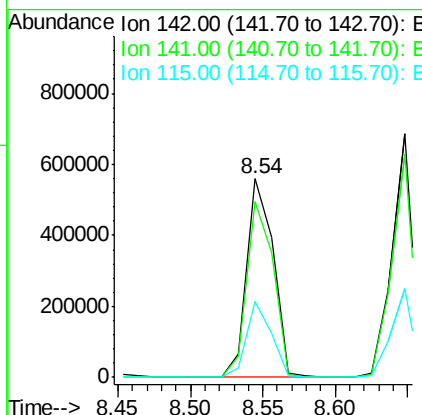
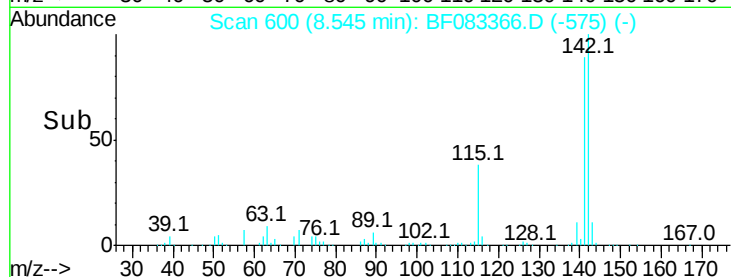
Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD



Tot Ion	Ratio	Resp	Lower	Upper
142	100	704945		
141	88.6		70.6	105.8
115	38.4		26.2	39.2

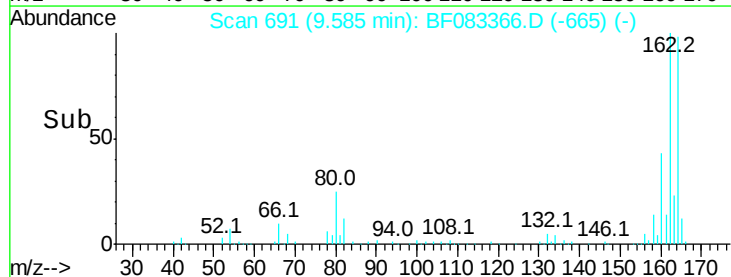
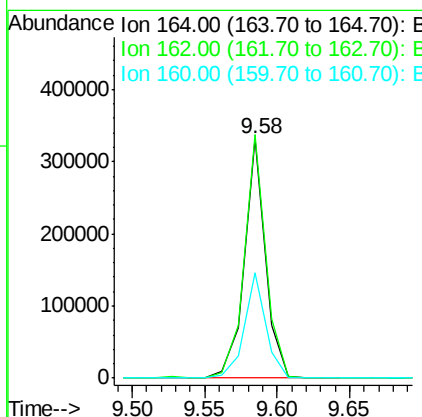
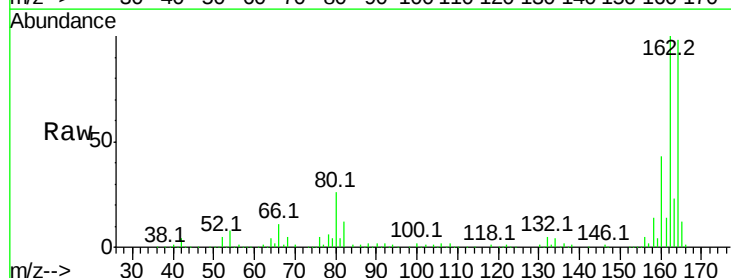
Manual Integrations
 APPROVED

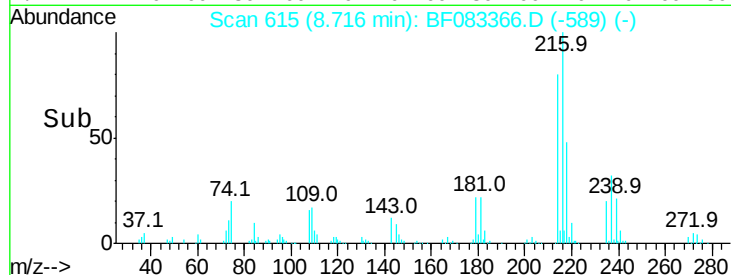
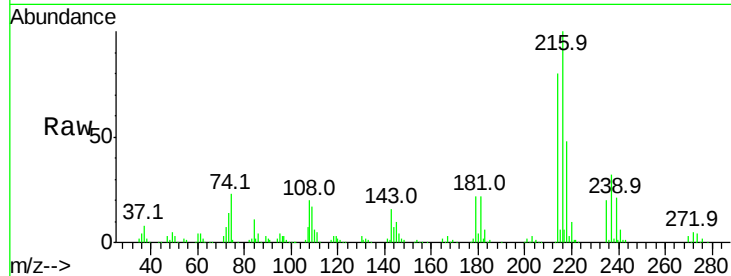
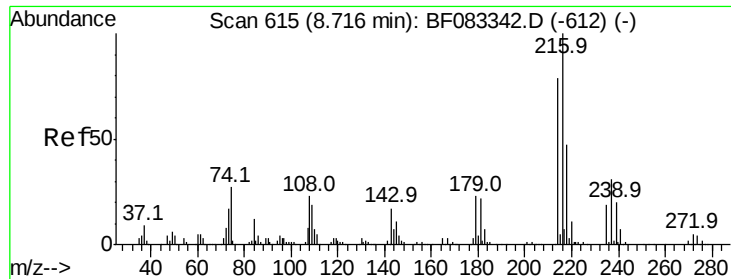
Mmdadoda
 12/1/2015 6:35:20 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	333899		
162	101.6		82.6	123.8
160	43.8		35.3	52.9





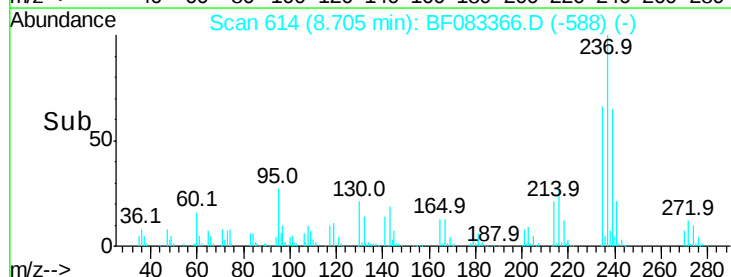
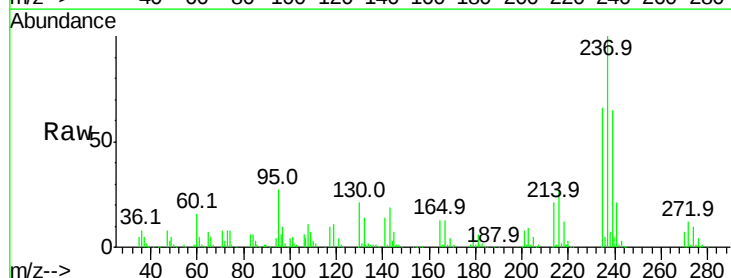
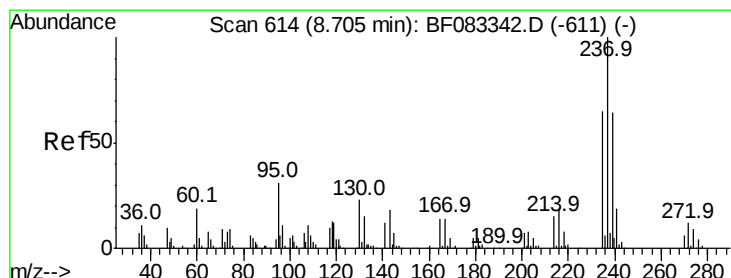
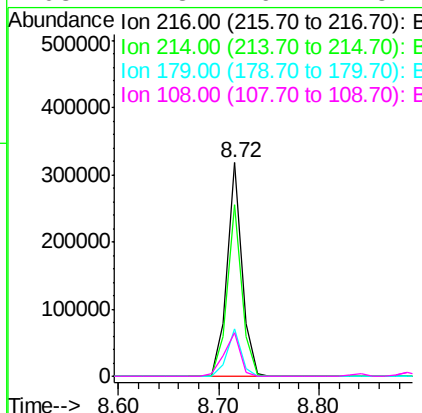
#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.20 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Manual Integrations
APPROVED

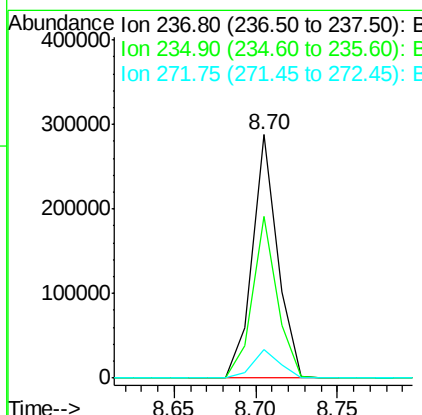
Mmdadoda
12/1/2015 6:35:20 PM

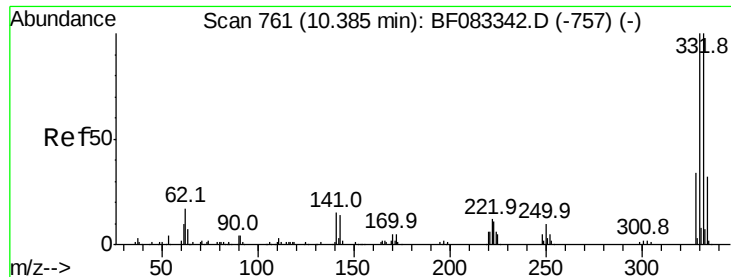
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	62.3	93.5
179	20.9	17.0	25.4
108	22.3	16.7	25.1



#40
Hexachlorocyclopentadiene
Concen: 61.82 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.3	44.5	84.5
272	11.8	0.0	31.6





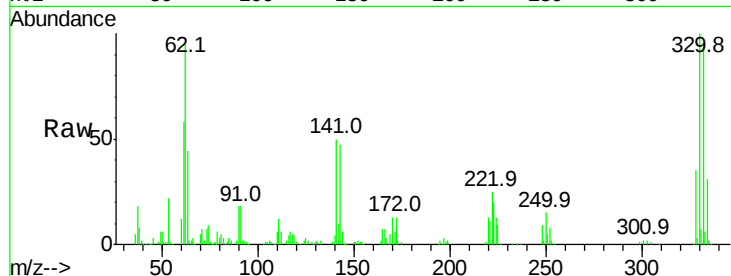
#41
 2,4,6-Tribromophenol
 Concen: 64.51 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

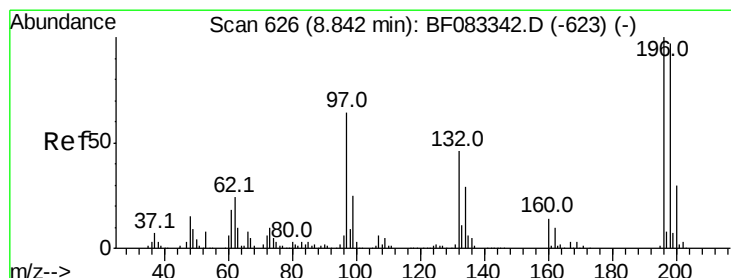
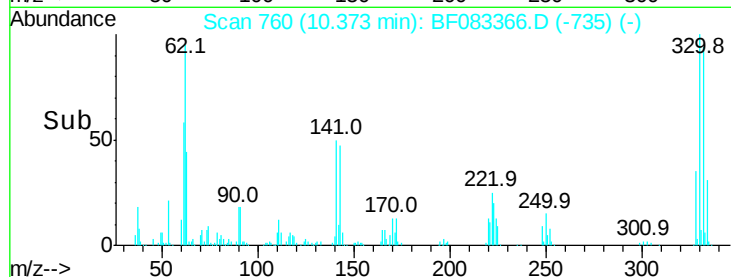
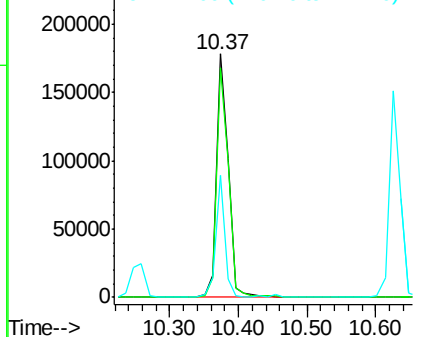
Tot Ion	Ratio	Resp	Lower	Upper
330	100	216227		
332	95.3	77.8	116.6	
141	38.7	29.4	44.0	

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:20 PM



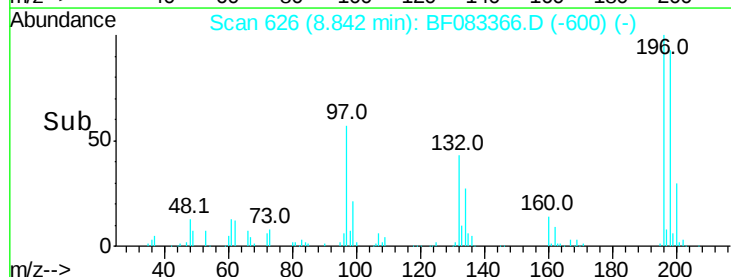
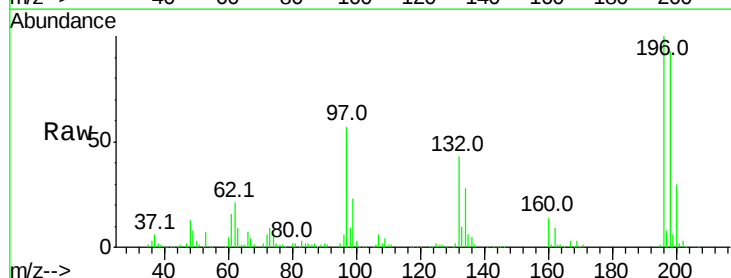
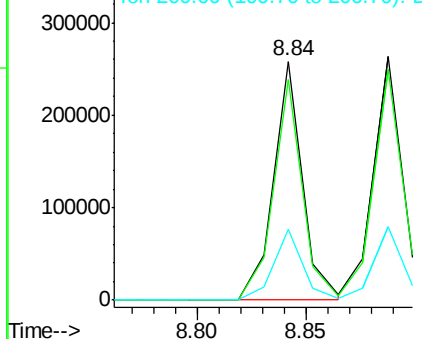
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

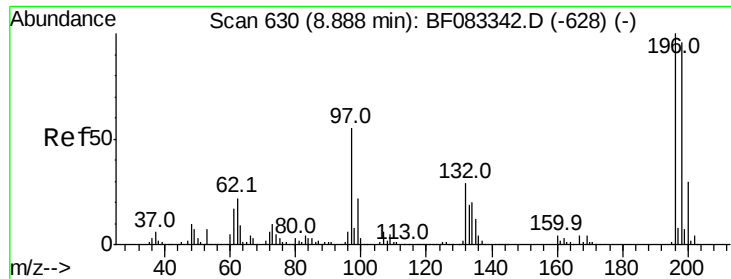


#42
 2,4,6-Trichlorophenol
 Concen: 32.57 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241843		
198	92.6	77.2	115.8	
200	29.8	24.2	36.4	

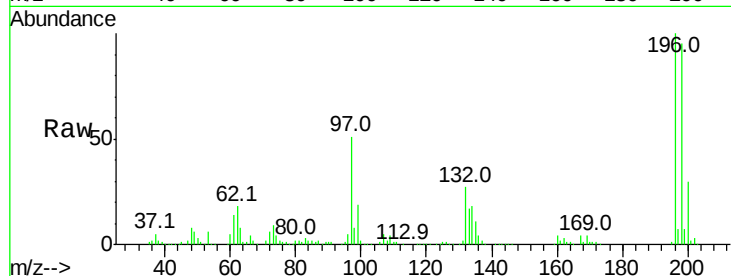
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 33.46 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

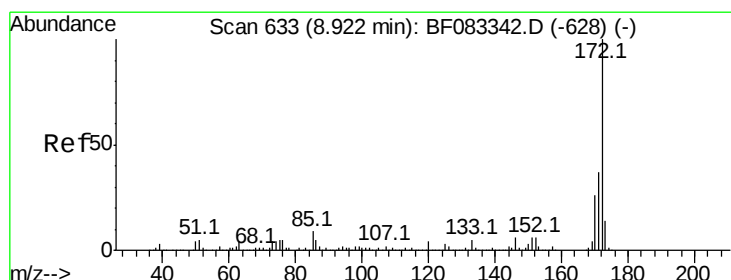
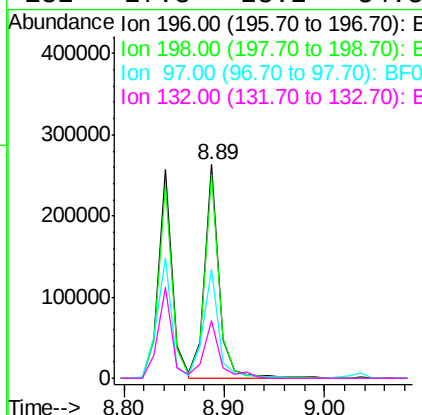
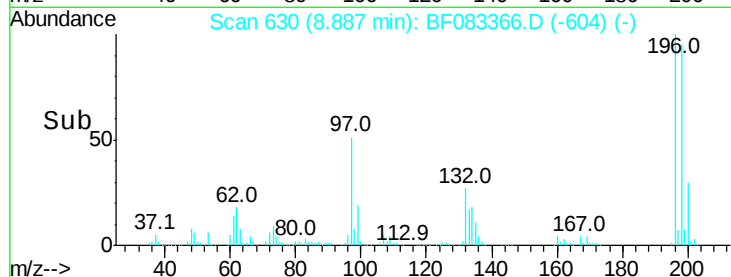
Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	257393		
198	95.1	77.2	115.8	
97	50.8	44.4	66.6	
132	27.3	23.2	34.8	

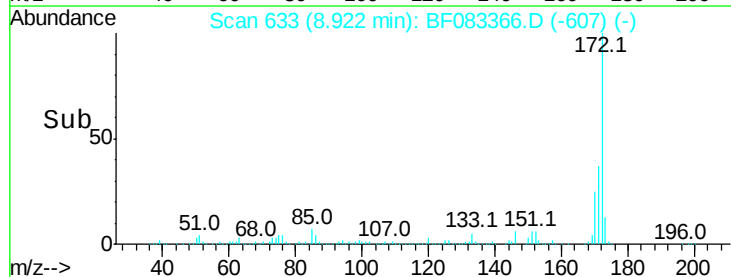
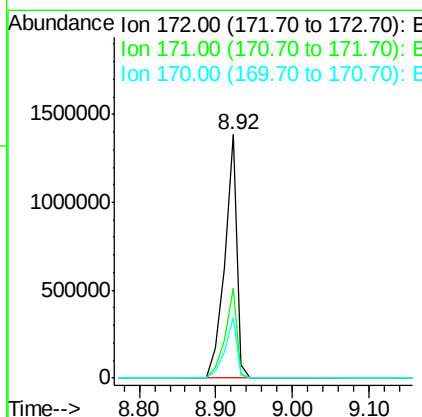
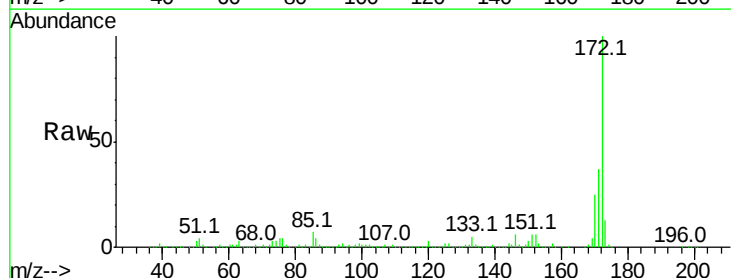
Manual Integrations
 APPROVED

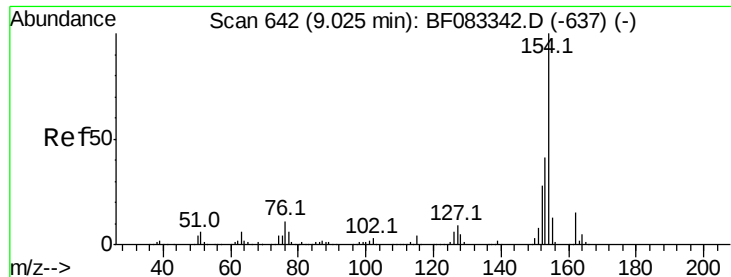
Mmdadoda
 12/1/2015 6:35:20 PM



#44
 2-Fluorobiphenyl
 Concen: 66.26 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1552498		
171	36.9	29.4	44.0	
170	24.7	20.4	30.6	





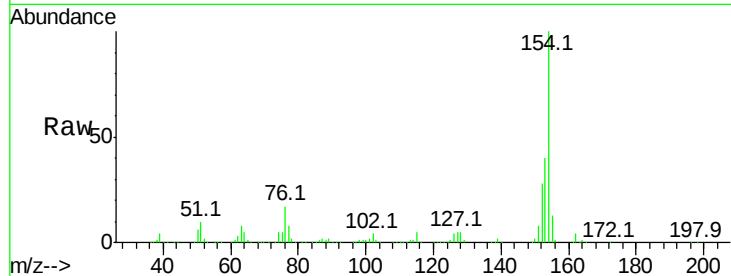
#45
 1,1'-Biphenyl
 Concen: 29.85 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.6	20.6	60.6	
76	17.2	0.0	30.5	

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:20 PM

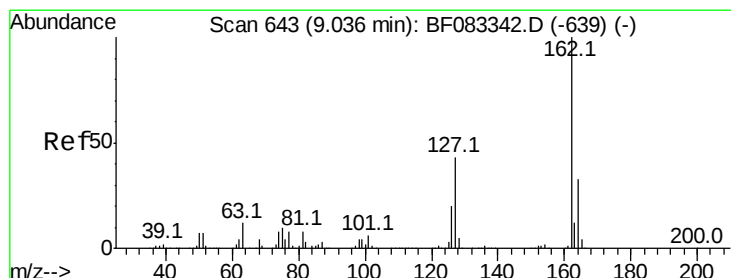
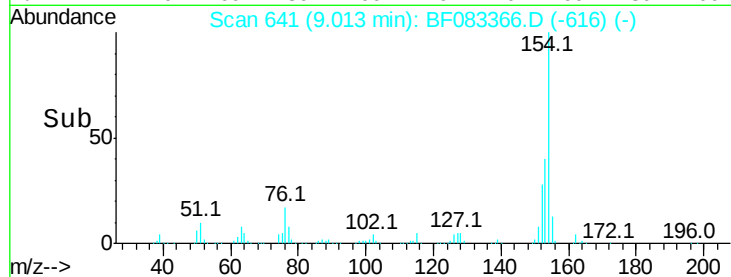
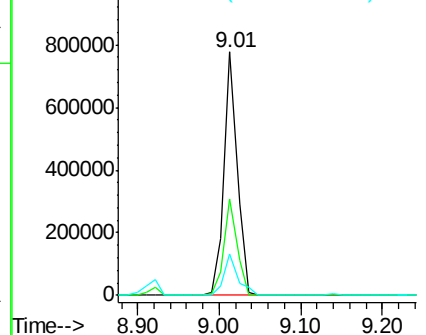


Abundance

Ion 154.00 (153.70 to 154.70): E

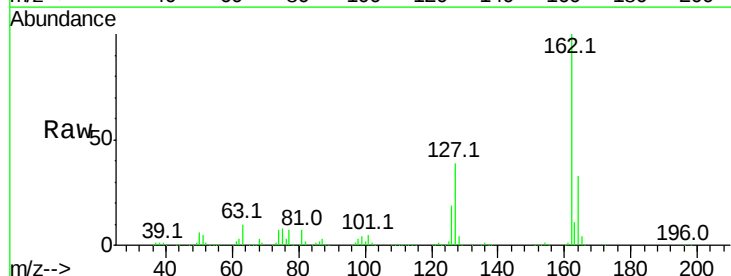
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 33.02 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.1	34.1	51.1	
164	32.9	26.6	39.8	

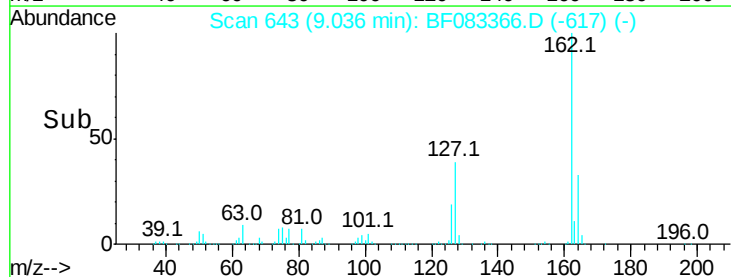
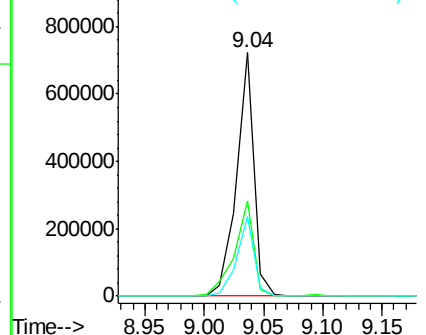


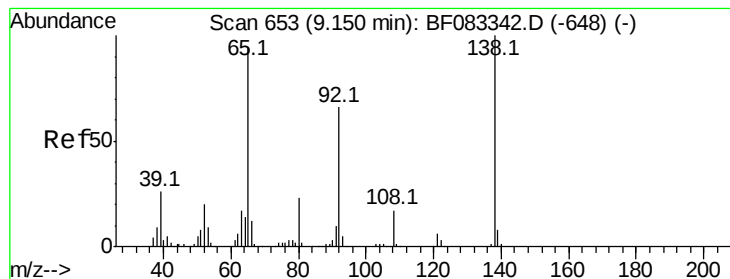
Abundance

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





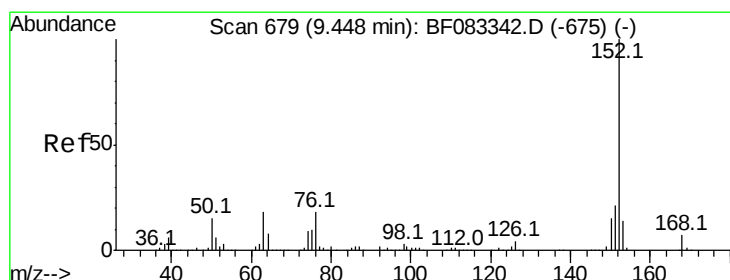
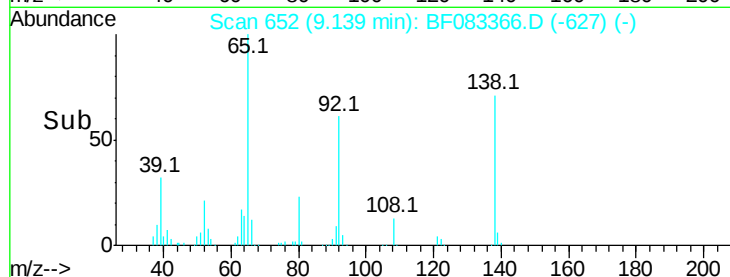
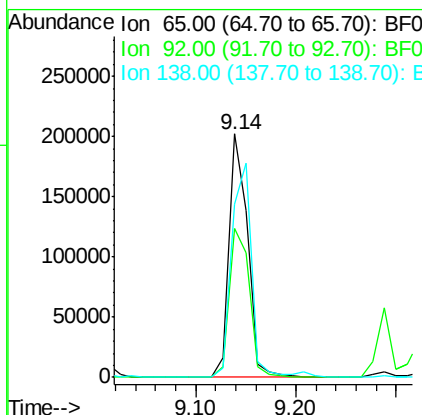
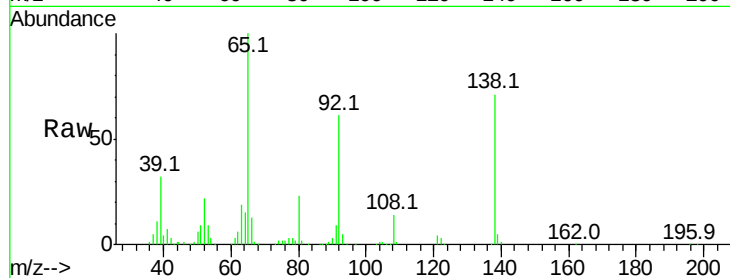
#47
2-Nitroaniline
Concen: 29.40 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.0	56.2	84.4
138	70.9	85.4	128.0

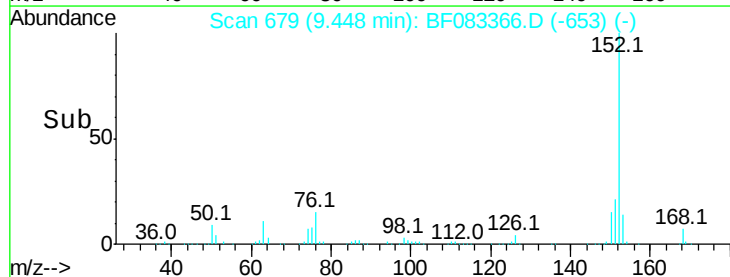
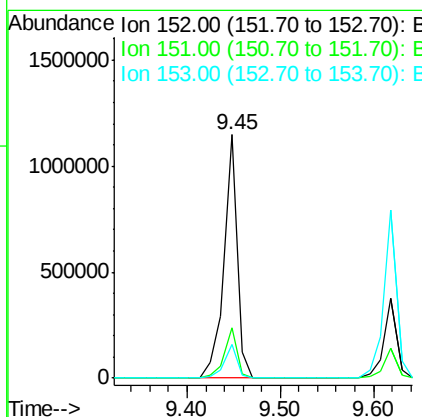
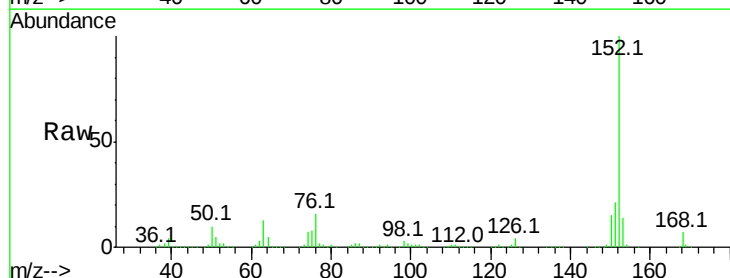
Manual Integrations
APPROVED

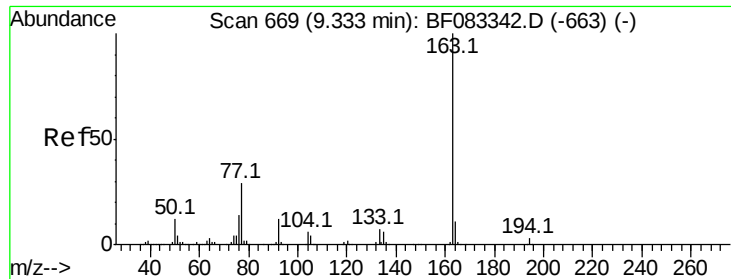
Mmdadoda
12/1/2015 6:35:20 PM



#48
Acenaphthylene
Concen: 31.74 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	13.6	11.2	16.8





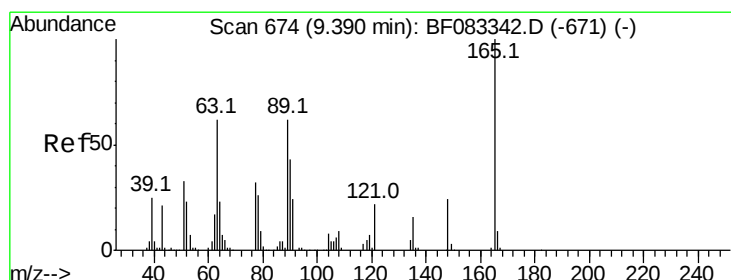
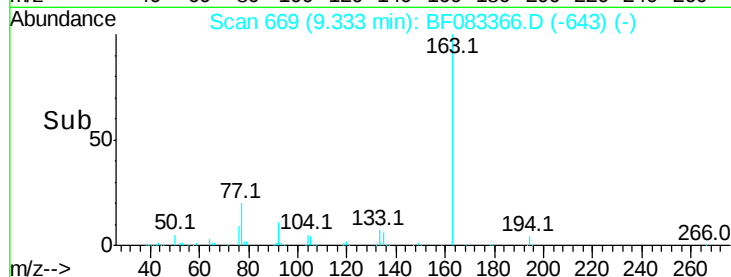
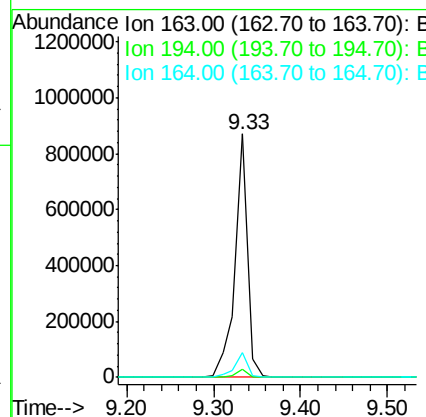
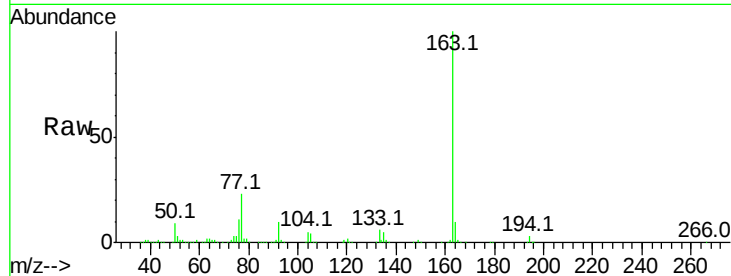
#49
Dimethylphthalate
Concen: 31.76 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	861872		
194	3.5	2.7	4.1	
164	10.4	8.8	13.2	

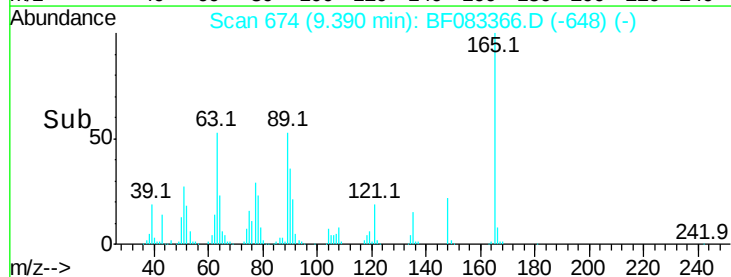
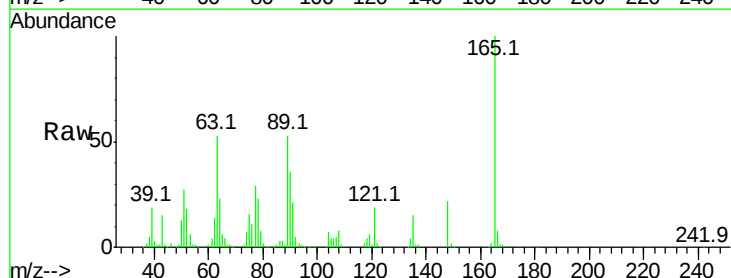
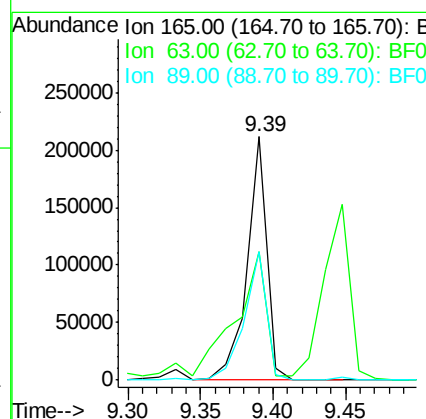
Manual Integrations
APPROVED

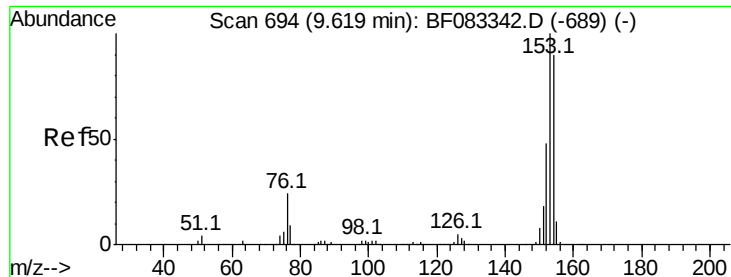
Mmdadoda
12/1/2015 6:35:20 PM



#50
2,6-Dinitrotoluene
Concen: 34.58 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200386		
63	52.6	56.0	84.0#	
89	52.7	49.8	74.8	





#51

Acenaphthene

Concen: 32.07 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

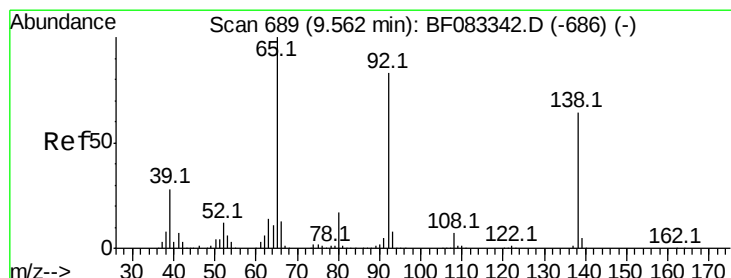
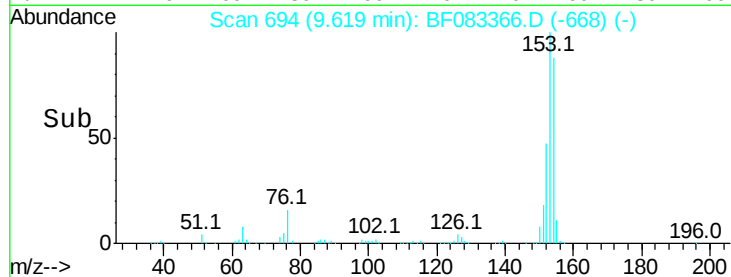
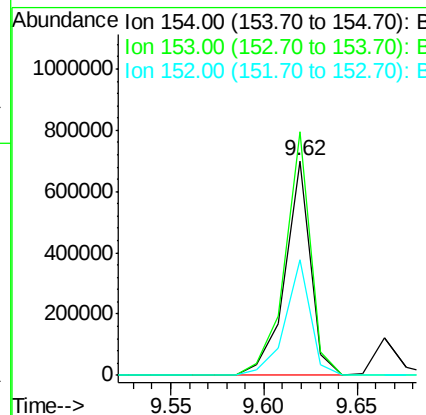
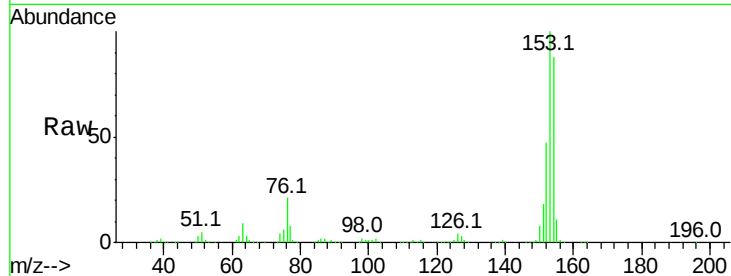
ClientSampled :

PB86904BSD

Tot Ion:	154	Resp:	671290
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.3	133.9
152	53.6	42.5	63.7

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#52

3-Nitroaniline

Concen: 15.68 ng

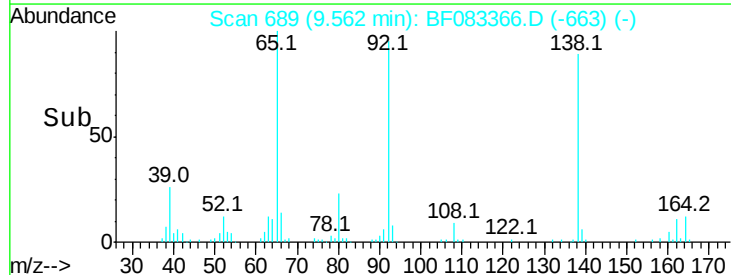
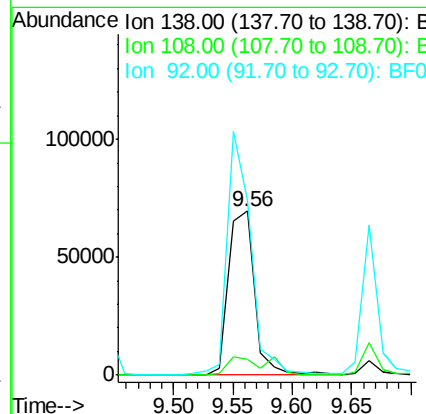
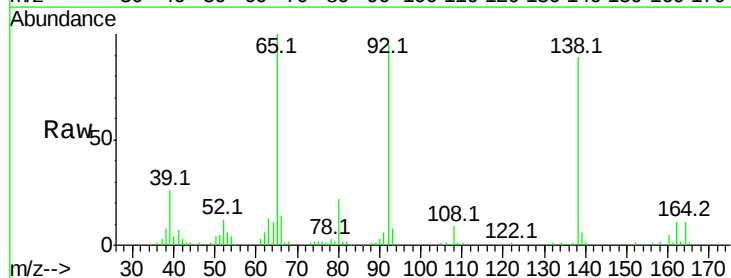
RT: 9.56 min Scan# 689

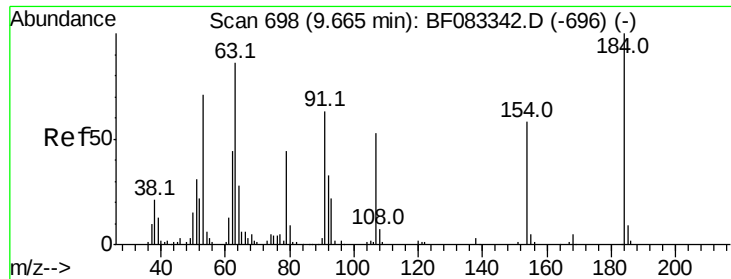
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	138	Resp:	106475
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.4	12.6
92	106.6	104.2	156.4





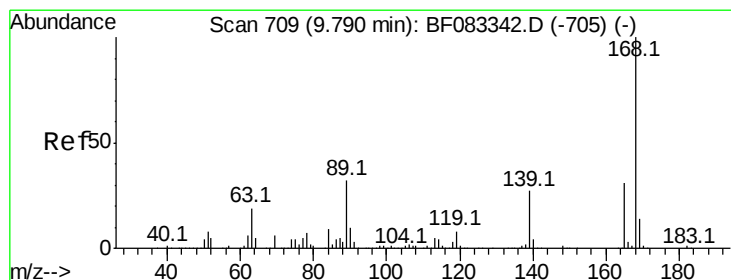
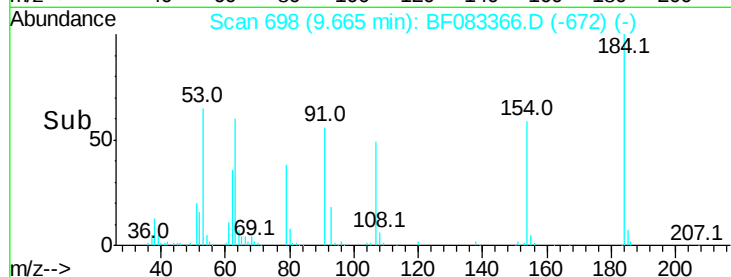
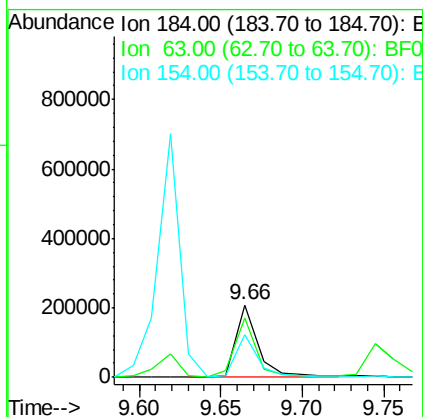
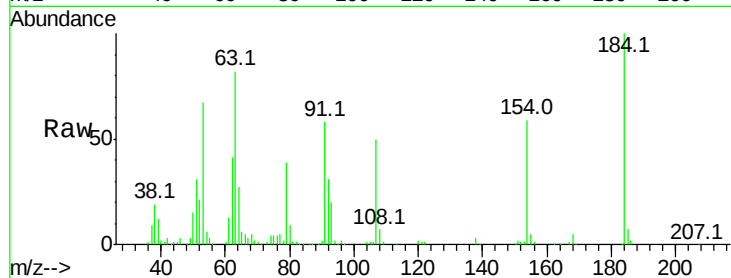
#53
 2,4-Dinitrophenol
 Concen: 57.96 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	196067		
63	82.0	69.0	103.6	
154	59.1	50.0	75.0	

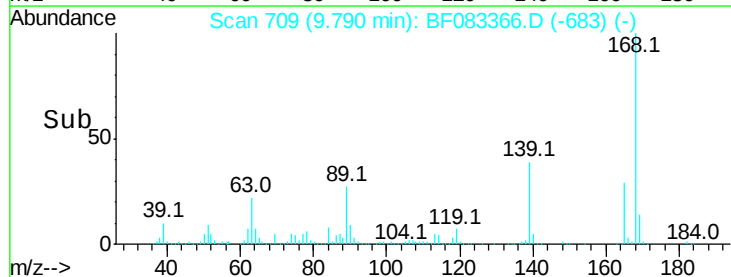
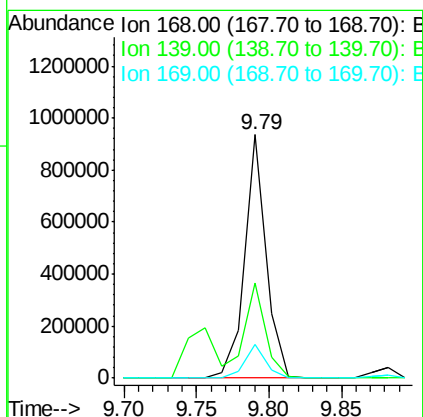
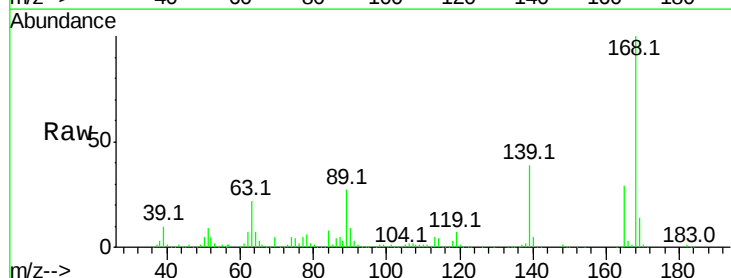
Manual Integrations
 APPROVED

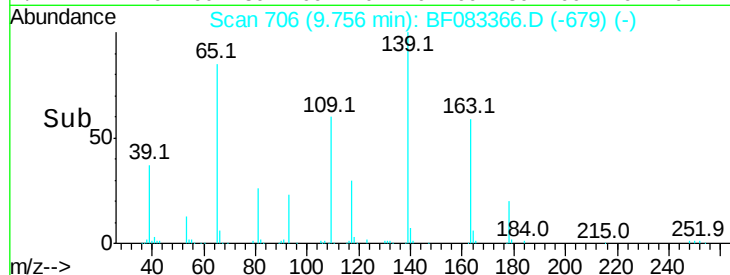
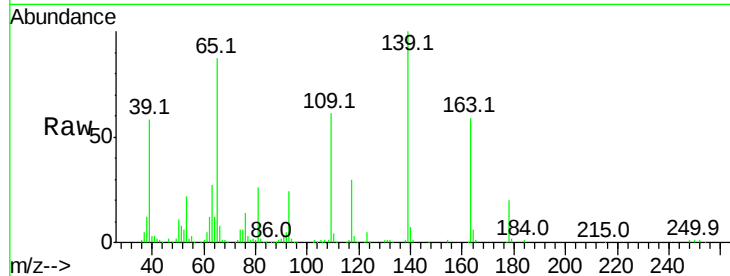
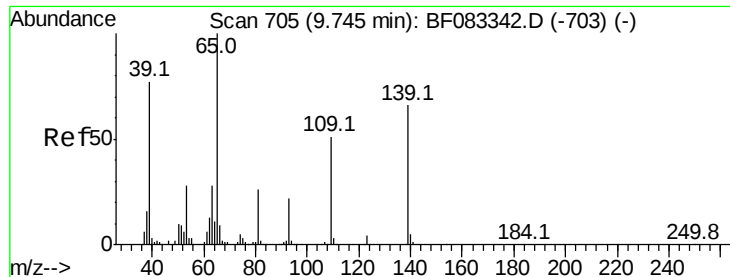
Mmdadoda
 12/1/2015 6:35:20 PM



#54
 Dibenzofuran
 Concen: 31.22 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	957914		
139	39.2	32.7	49.1	
169	13.8	11.1	16.7	





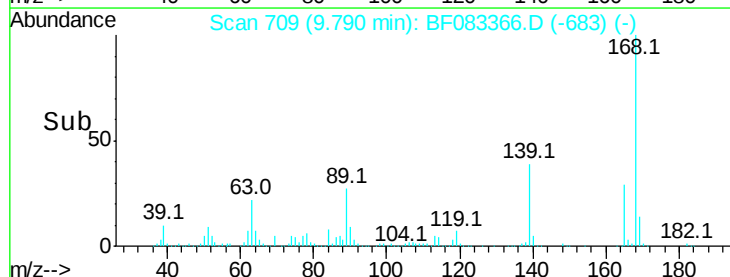
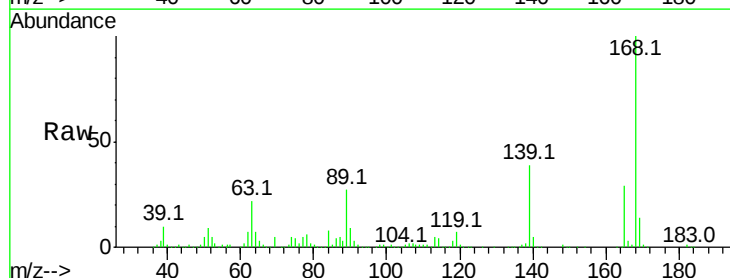
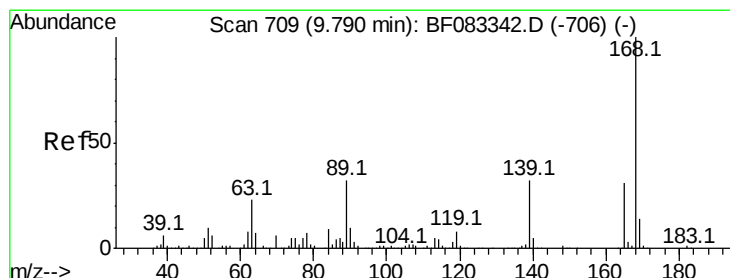
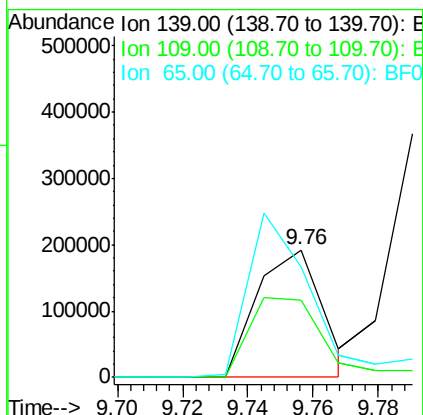
#55
4-Nitrophenol
Concen: 62.77 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tot Ion	Ratio	Resp	Lower	Upper
139	100	266656		
109	61.0	57.4	97.4	
65	87.0	131.6	171.6	

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

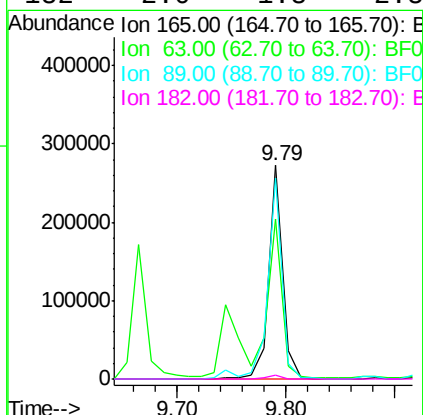
Manual Integrations
APPROVED

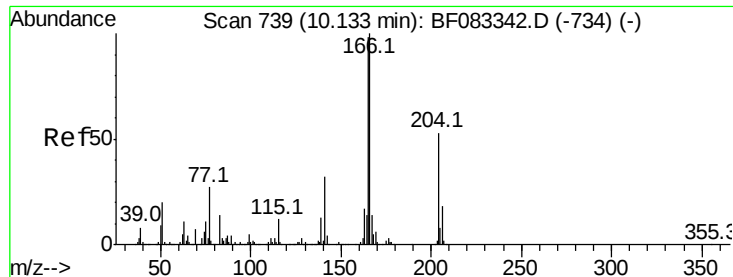
Mmdadoda
12/1/2015 6:35:20 PM



#56
2,4-Dinitrotoluene
Concen: 33.64 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247325		
63	74.9	65.4	98.0	
89	94.0	81.2	121.8	
182	2.0	1.8	2.8	





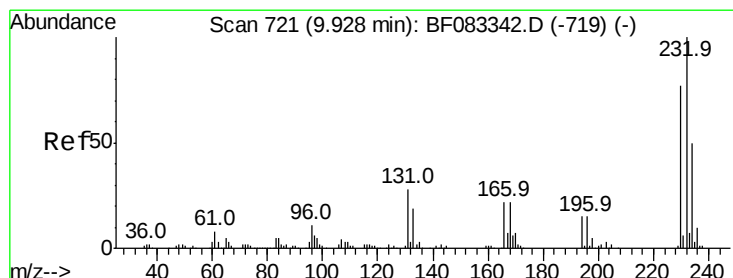
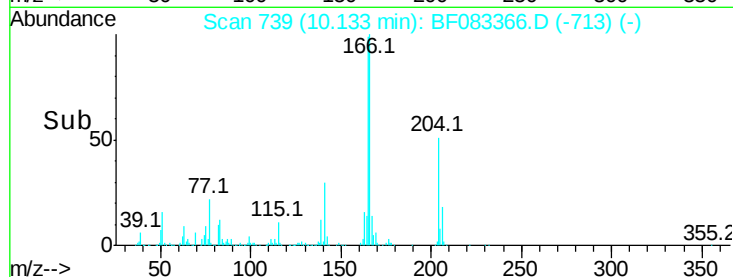
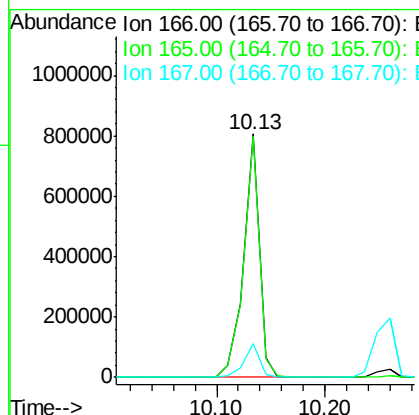
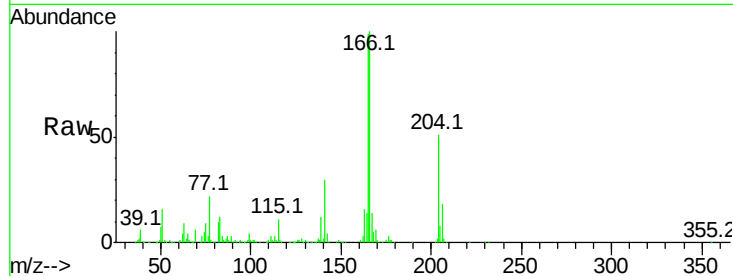
#57
Fluorene
 Concen: 32.91 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	797180		
165	98.8	78.3	117.5	
167	14.0	11.1	16.7	

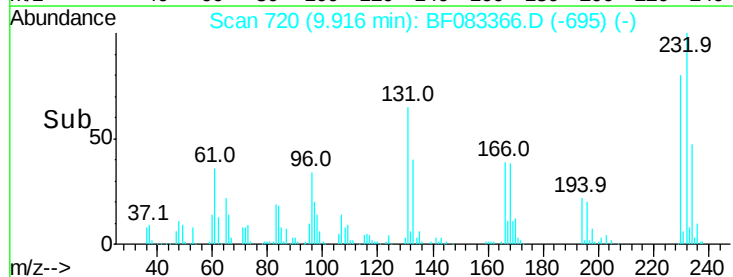
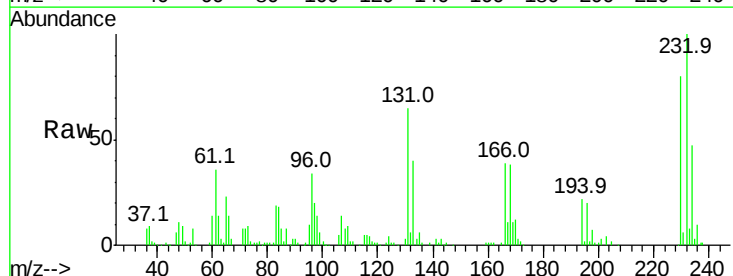
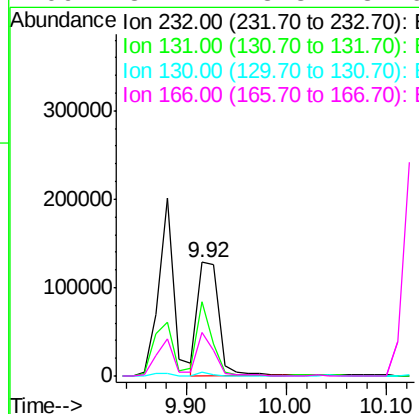
Manual Integrations
 APPROVED

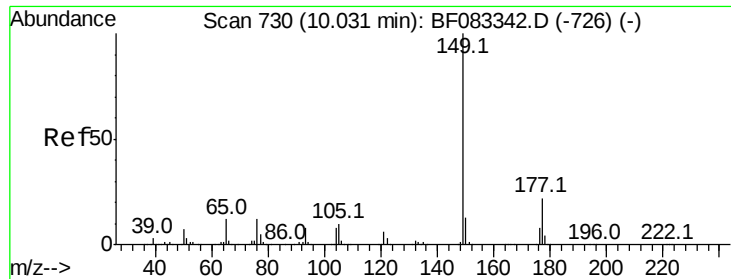
Mmdadoda
 12/1/2015 6:35:20 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.72 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	190683		
231	49.8	35.4	53.2	
130	2.1	1.7	2.5	
166	32.2	23.3	34.9	





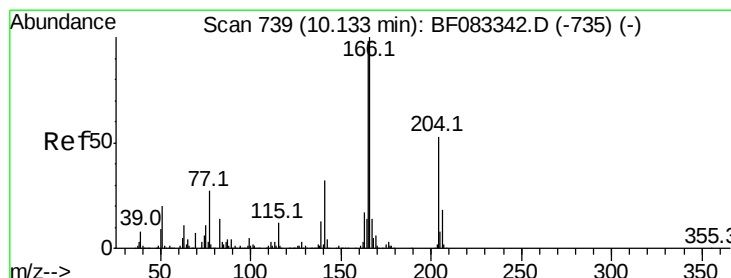
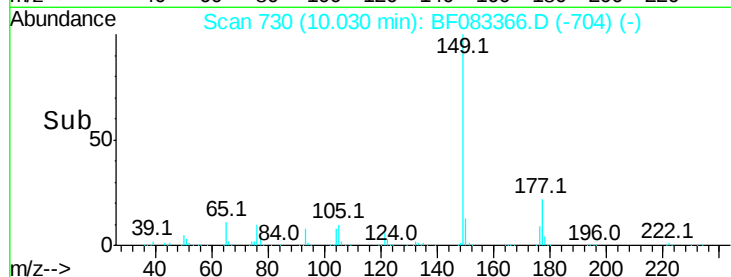
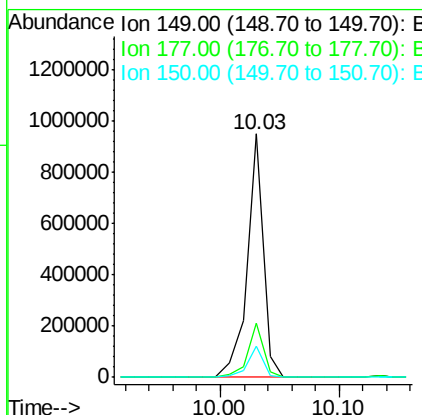
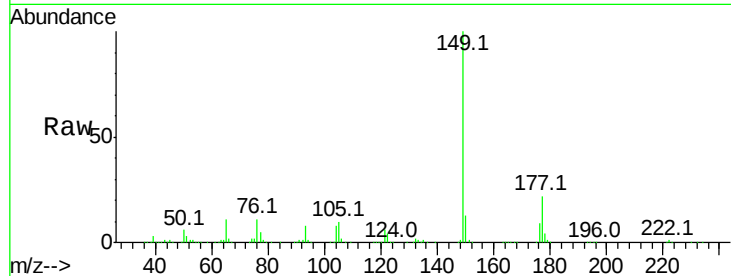
#59
Diethylphthalate
Concen: 34.86 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	901676		
177	22.5	17.4	26.2	
150	12.8	10.4	15.6	

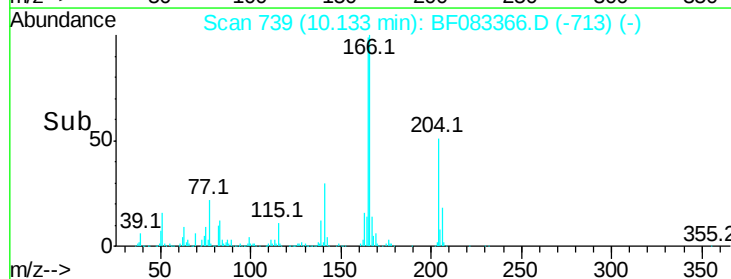
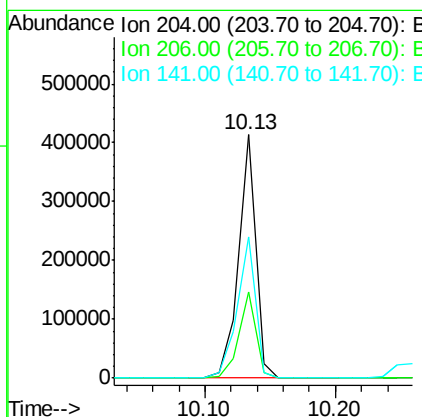
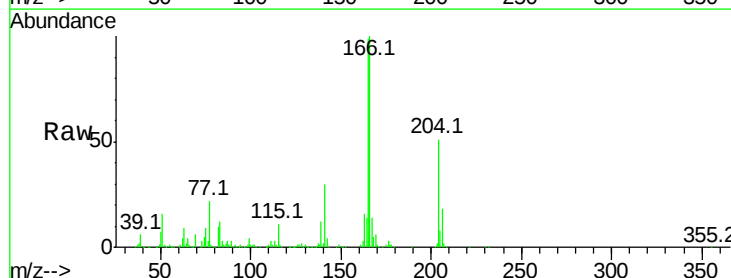
Manual Integrations
APPROVED

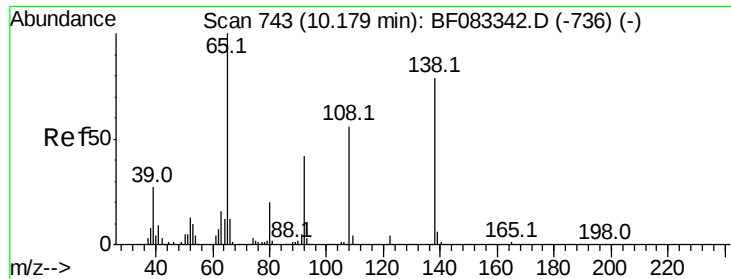
Mmdadoda
12/1/2015 6:35:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.95 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	377881		
206	35.2	27.5	41.3	
141	58.1	48.1	72.1	





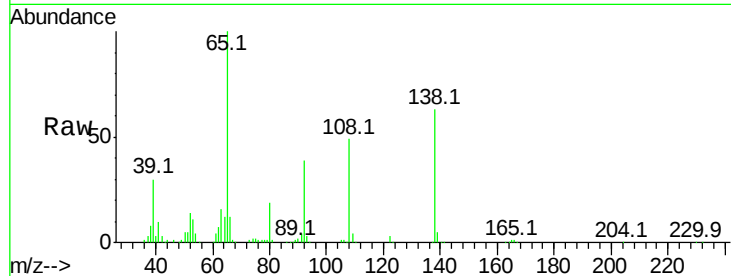
#61
4-Nitroaniline
Concen: 26.77 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

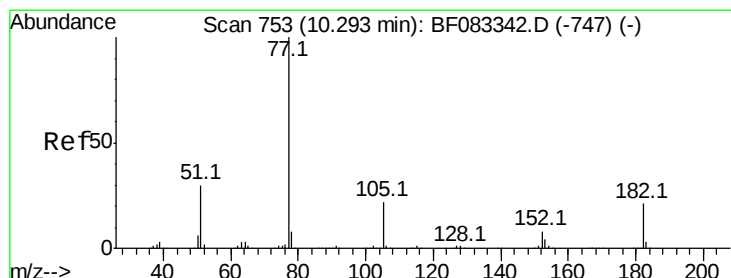
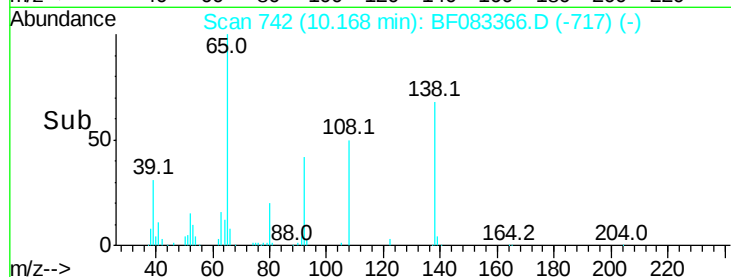
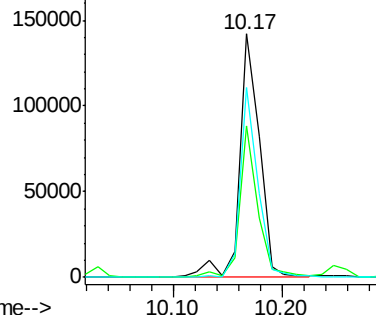
Tot Ion	Ratio	Resp	Lower	Upper
138	100	181897		
92	62.4	33.6	73.6	
108	77.8	51.0	91.0	

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



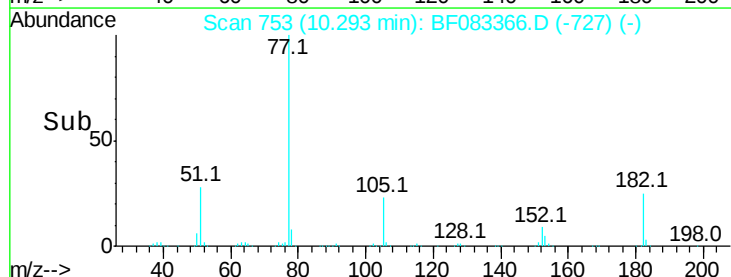
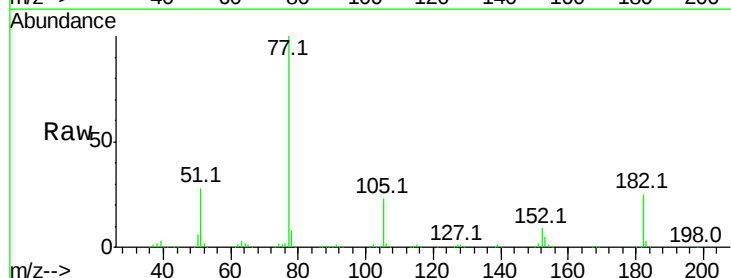
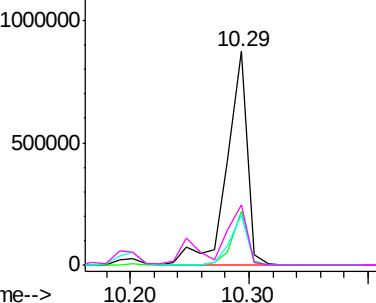
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

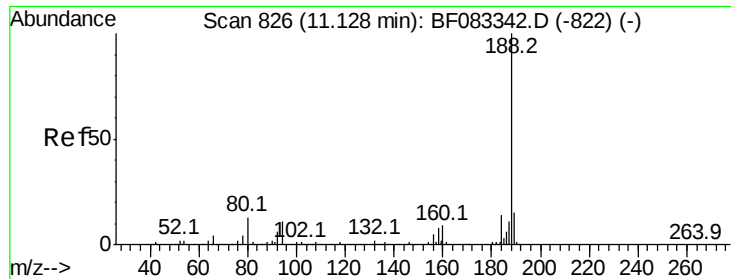


#62
Azobenzene
Concen: 33.67 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1052174		
182	25.1	0.8	40.8	
105	23.1	2.3	42.3	
51	28.3	10.6	50.6	

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





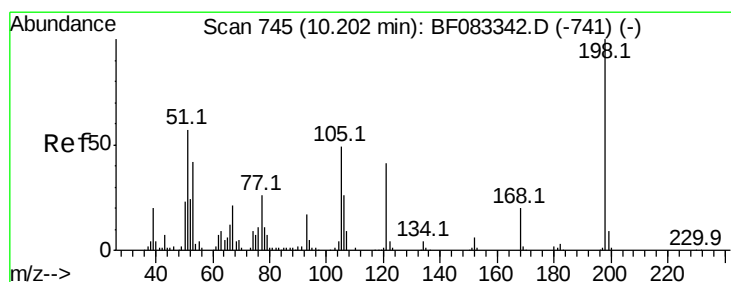
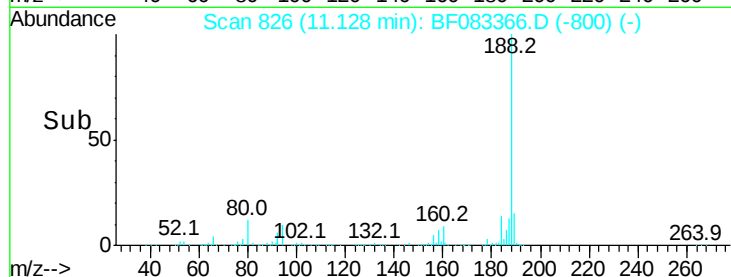
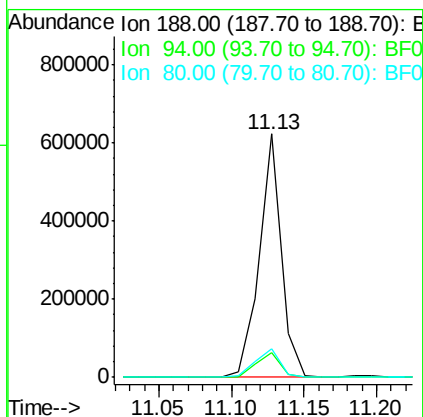
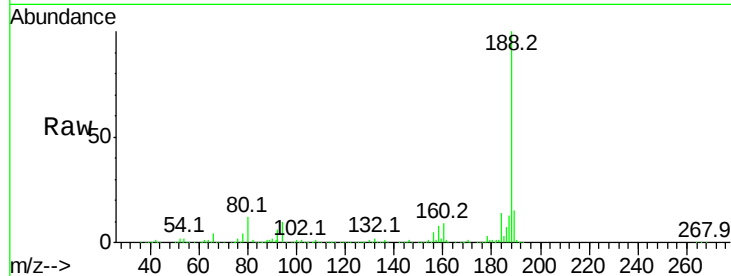
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	658452		
94	10.2		8.7	13.1
80	11.8		10.3	15.5

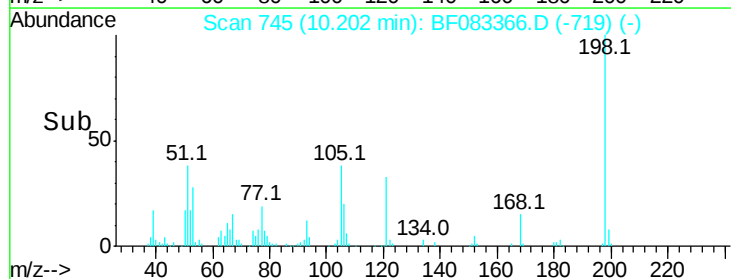
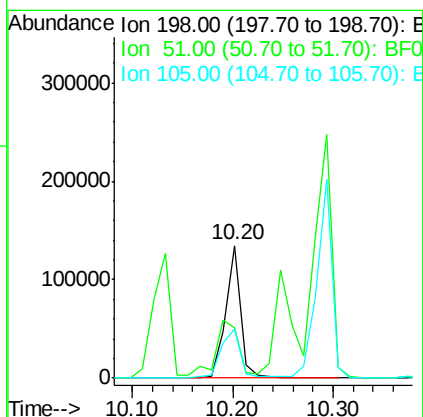
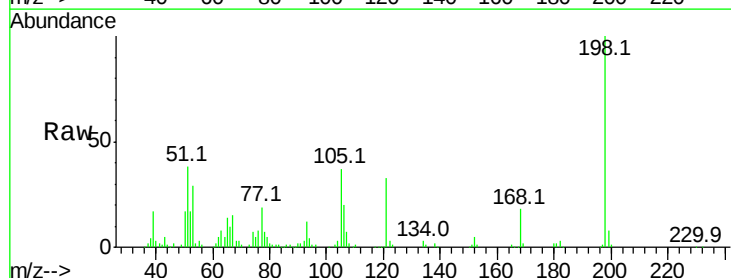
Manual Integrations
APPROVED

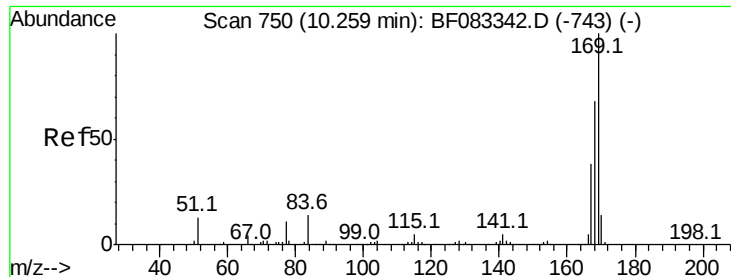
Mmdadoda
12/1/2015 6:35:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.81 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	140619		
51	37.8		38.3	78.3#
105	37.5		29.2	69.2





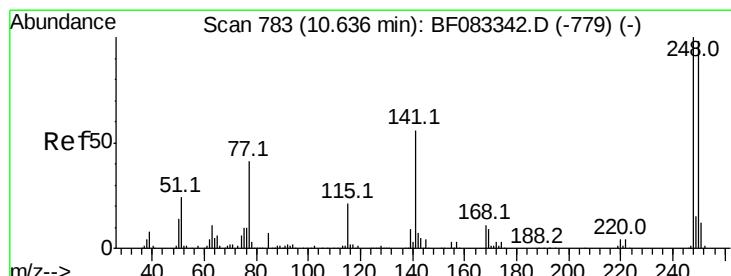
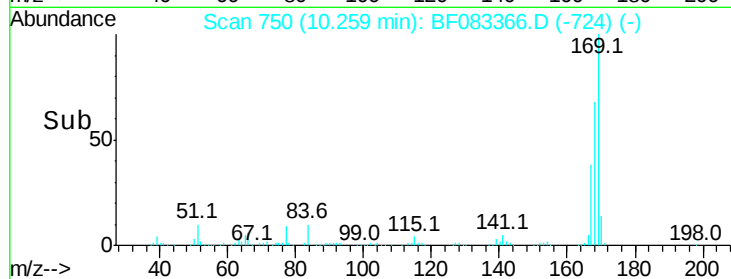
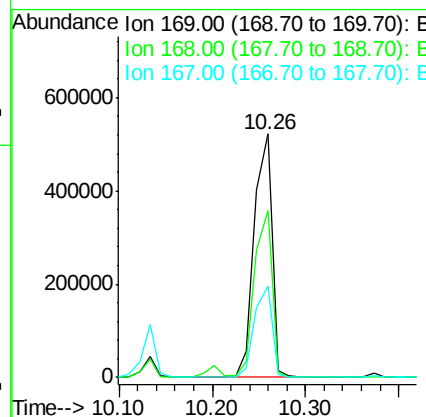
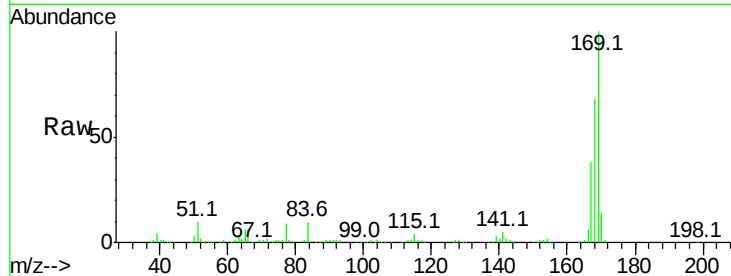
#65
n-Nitrosodiphenylamine
Concen: 29.92 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	692390		
168	68.3	54.8	82.2	
167	37.7	30.2	45.2	

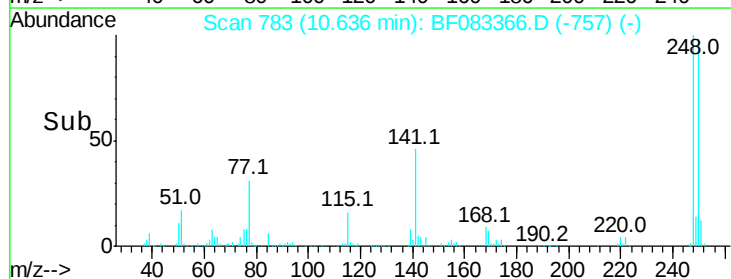
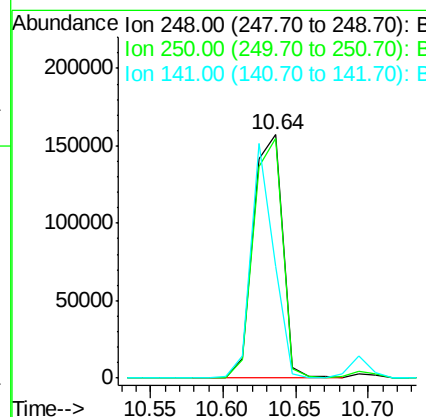
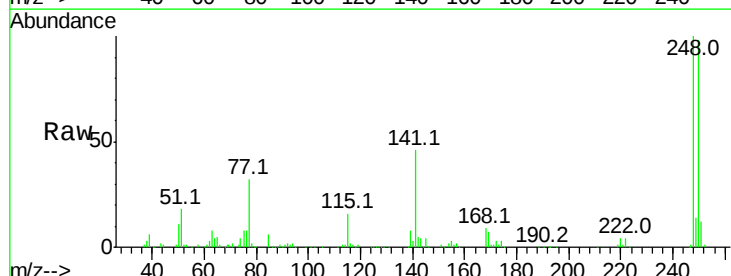
Manual Integrations
APPROVED

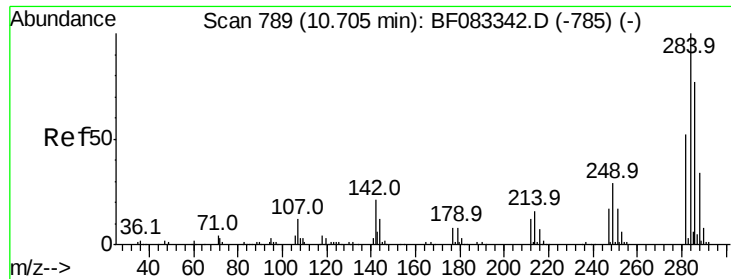
Mmdadoda
12/1/2015 6:35:20 PM



#66
4-Bromophenyl-phenylether
Concen: 30.55 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	220043		
250	98.5	78.6	118.0	
141	45.9	44.4	66.6	





#67

Hexachlorobenzene

Concen: 30.70 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

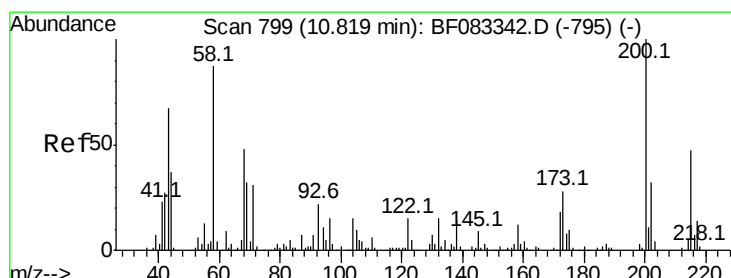
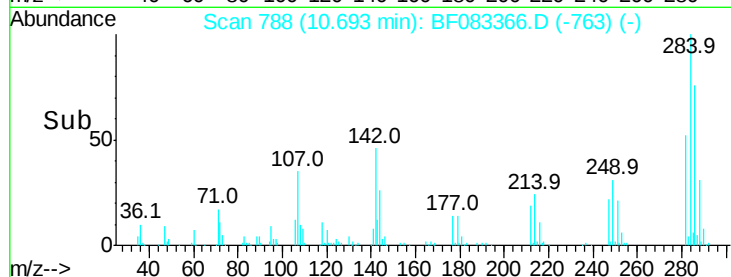
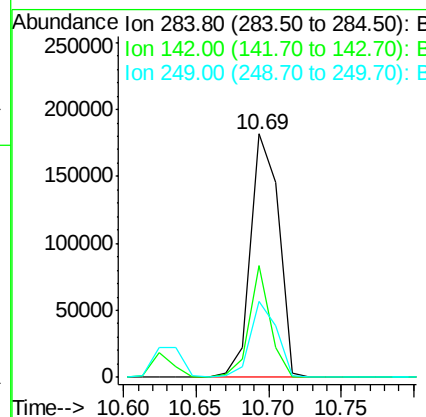
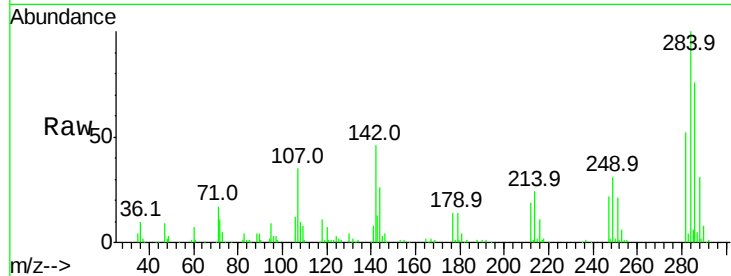
ClientSampleId :

PB86904BSD

Tot Ion:	284	Resp:	244480
Ion Ratio	Lower	Upper	
284	100		
142	45.8	16.6	24.8#
249	31.4	23.0	34.4

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#68

Atrazine

Concen: 33.88 ng

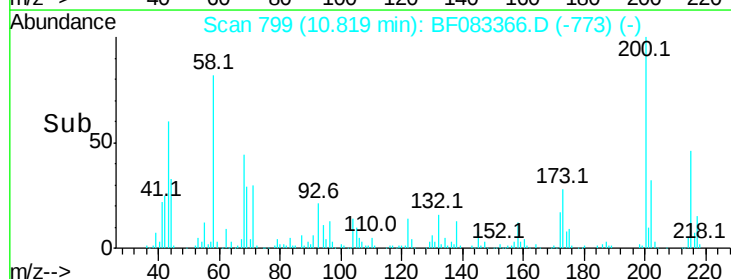
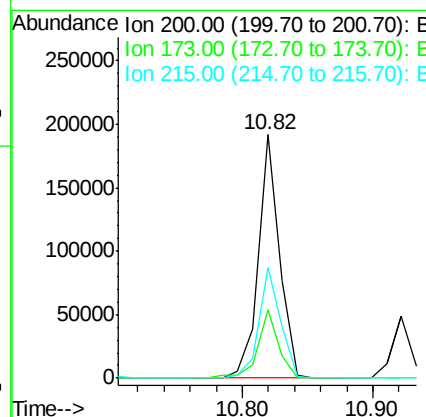
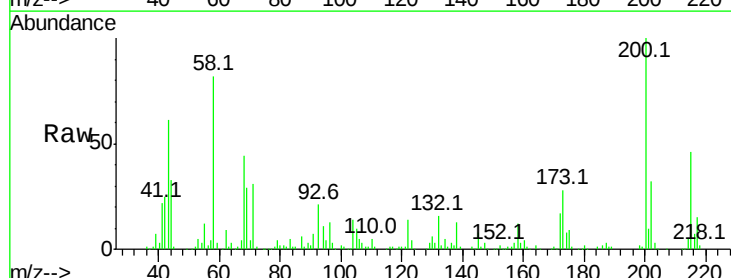
RT: 10.82 min Scan# 799

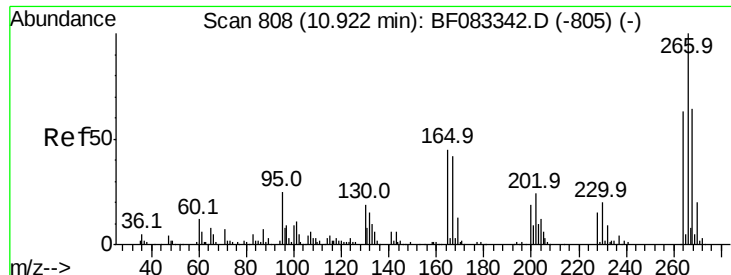
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	200	Resp:	216822
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.3	48.3
215	45.6	26.7	66.7





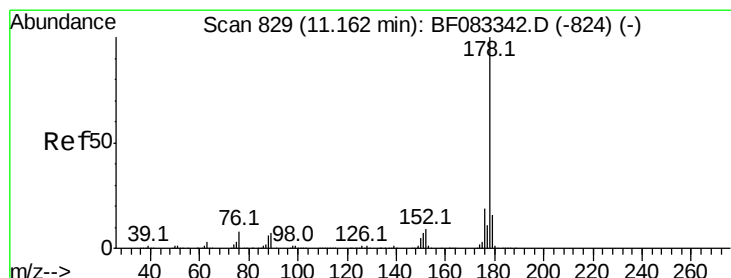
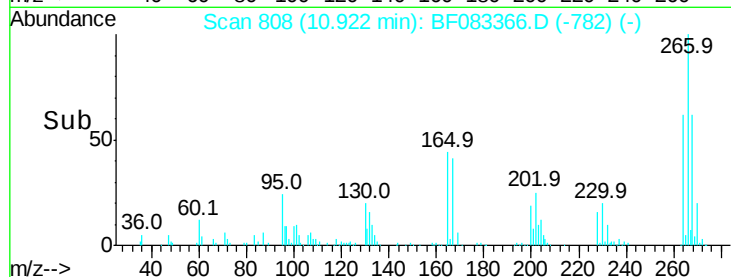
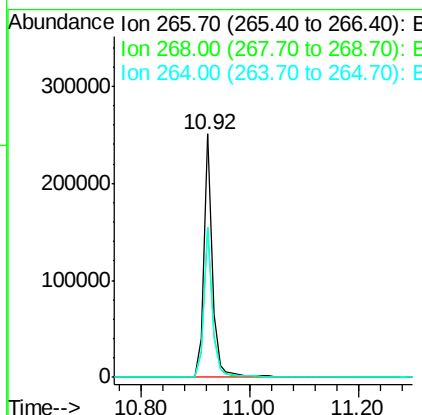
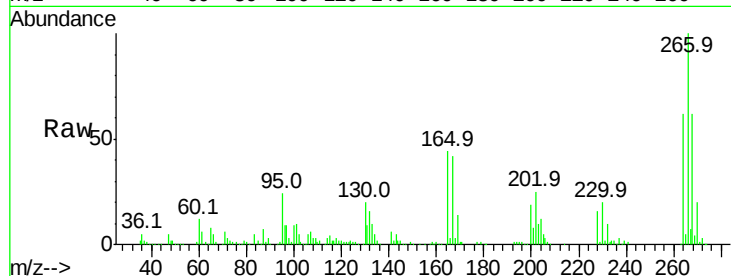
#69
 Pentachlorophenol
 Concen: 65.72 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	274163		
268	61.6	51.5	77.3	
264	61.6	50.4	75.6	

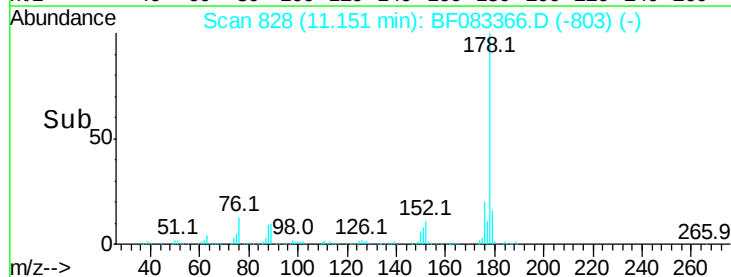
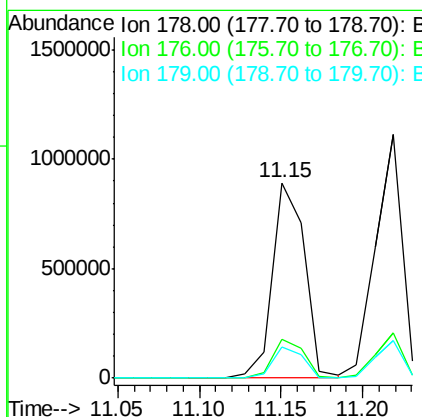
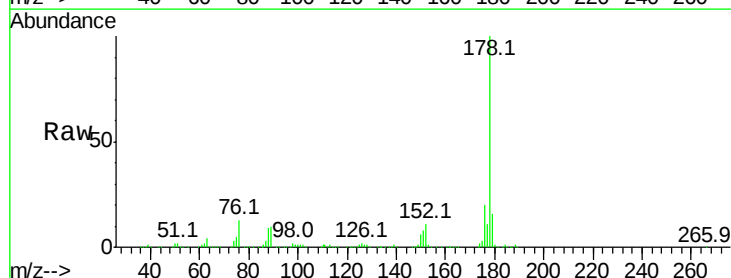
Manual Integrations
 APPROVED

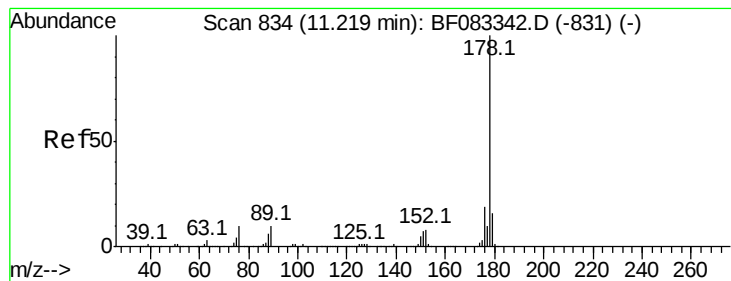
Mmdadoda
 12/1/2015 6:35:20 PM



#70
 Phenanthrene
 Concen: 31.35 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1221777		
176	20.1	15.3	22.9	
179	16.0	12.4	18.6	





#71

Anthracene

Concen: 32.65 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

ClientSampleId :

PB86904BSD

Tot Ion:178 Resp: 1280923

Ion Ratio Lower Upper

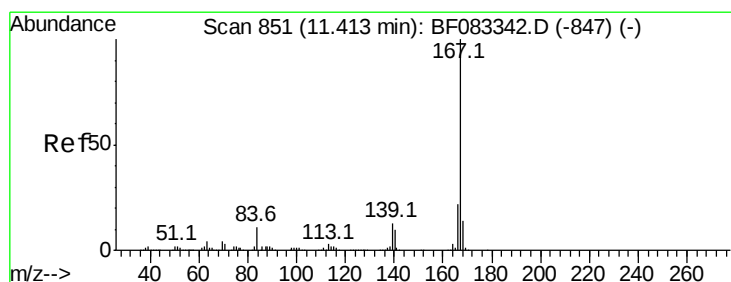
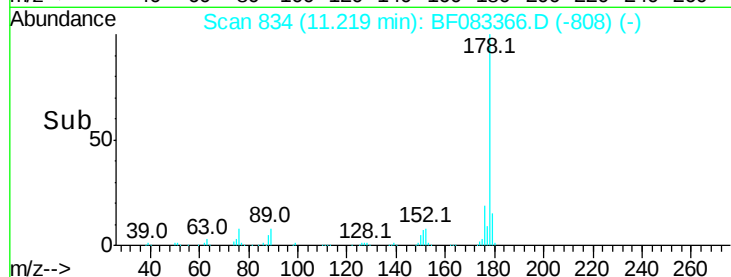
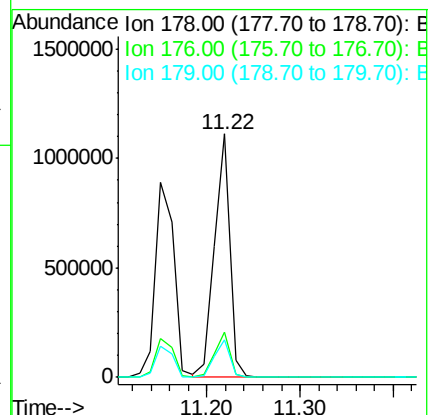
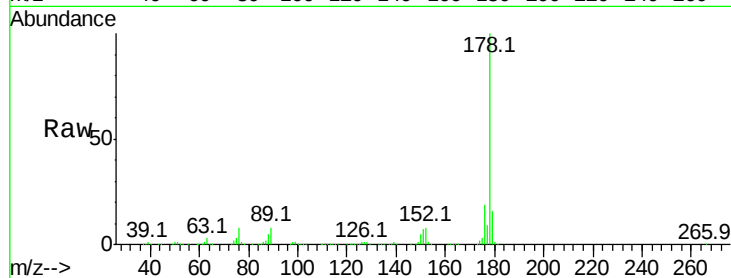
178 100

176 18.6 15.6 23.4

179 15.6 12.8 19.2

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#72

Carbazole

Concen: 32.34 ng

RT: 11.41 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

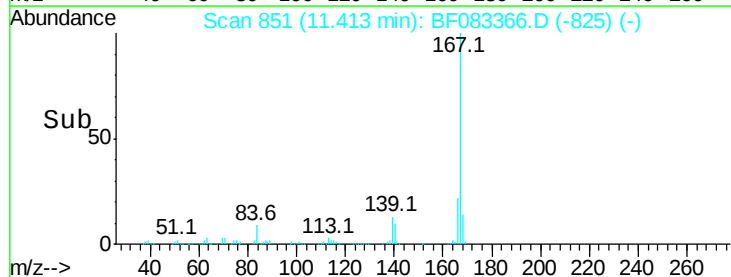
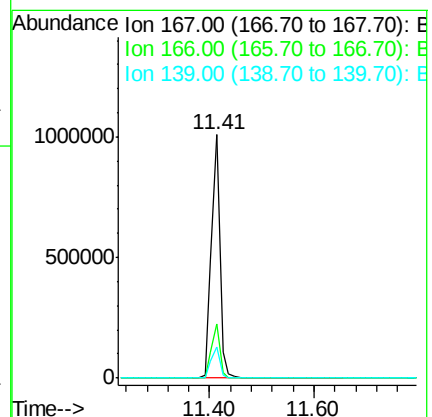
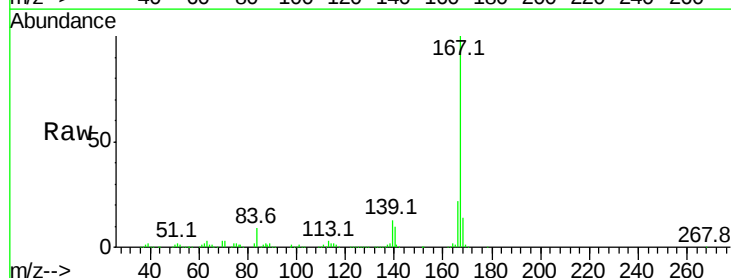
Tgt Ion:167 Resp: 1139745

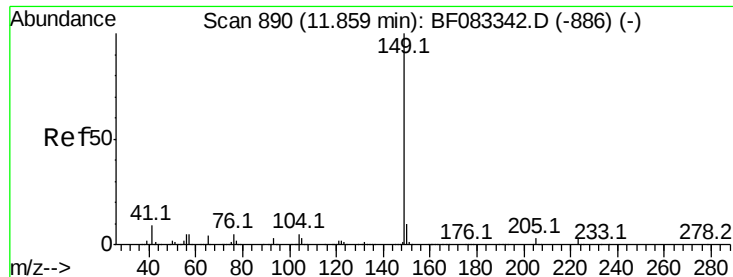
Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 12.7 10.5 15.7





#73

Di-n-butylphthalate

Concen: 32.68 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

ClientSampleId :

PB86904BSD

Tot Ion:149 Resp: 1365247

Ion Ratio Lower Upper

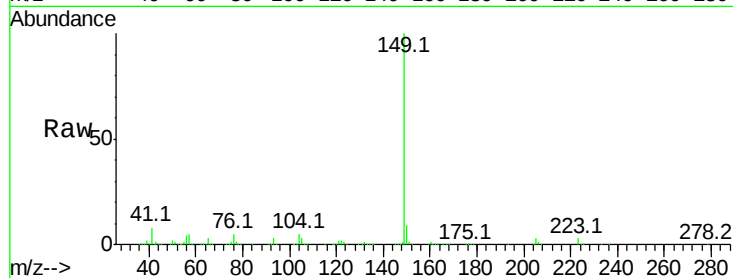
149 100

150 9.4 7.7 11.5

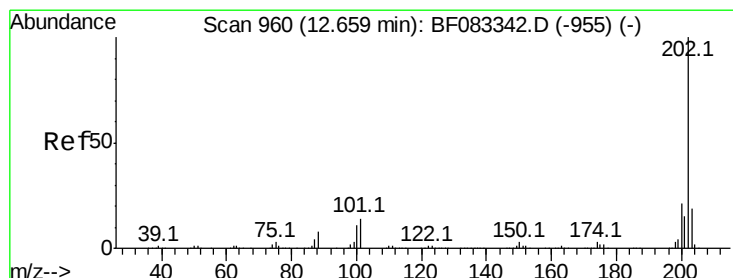
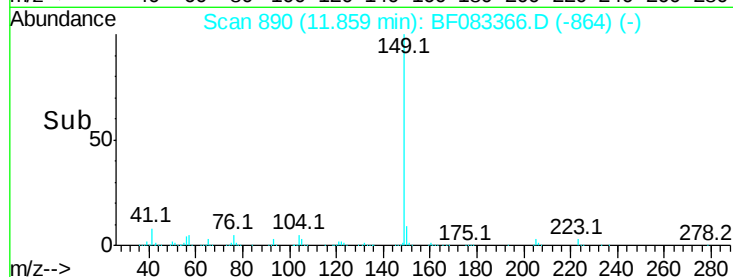
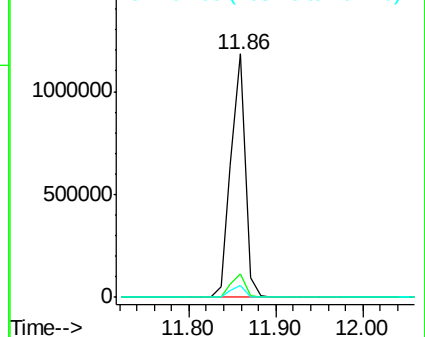
104 4.8 4.0 6.0

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.52 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

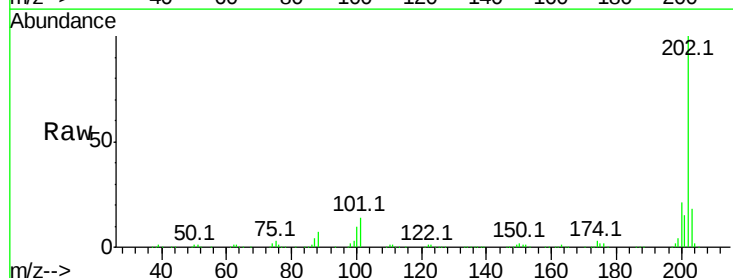
Tgt Ion:202 Resp: 1273122

Ion Ratio Lower Upper

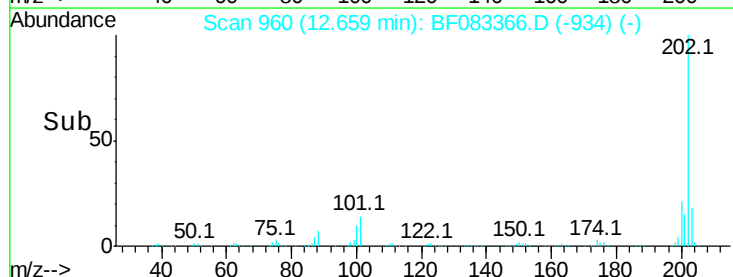
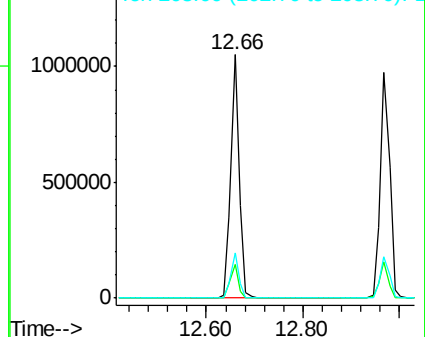
202 100

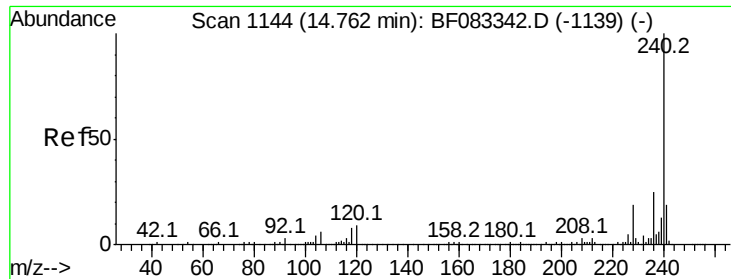
101 13.7 0.0 34.5

203 18.5 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





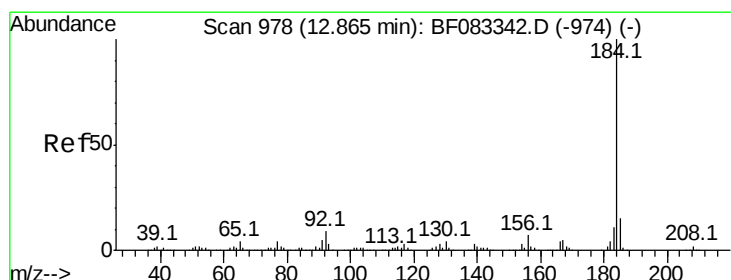
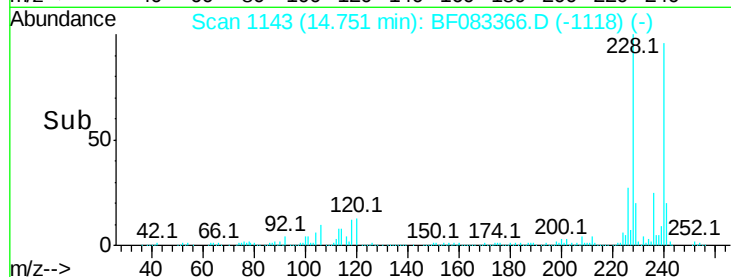
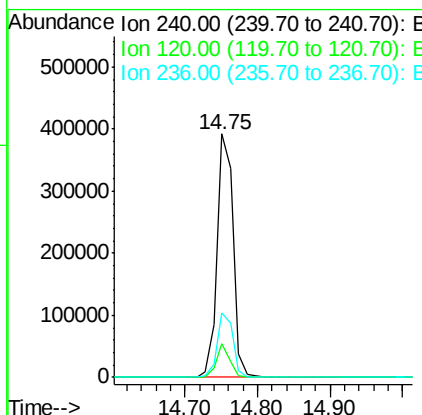
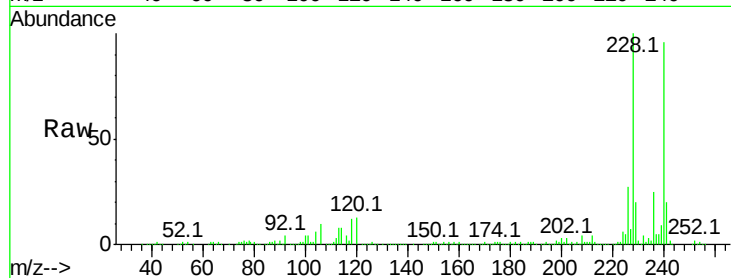
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	597024		
120	13.9	6.9	10.3	
236	26.4	19.8	29.6	

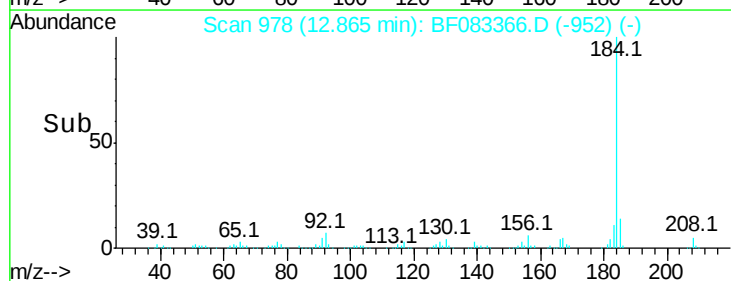
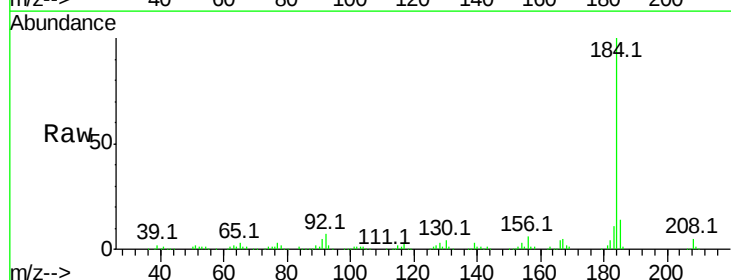
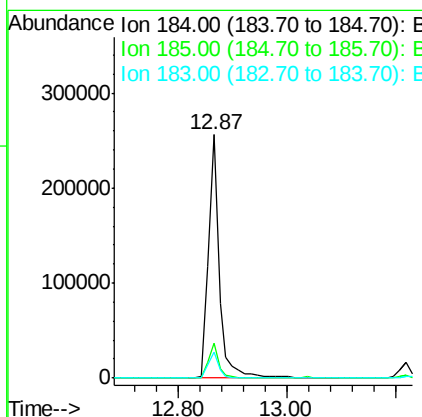
Manual Integrations
 APPROVED

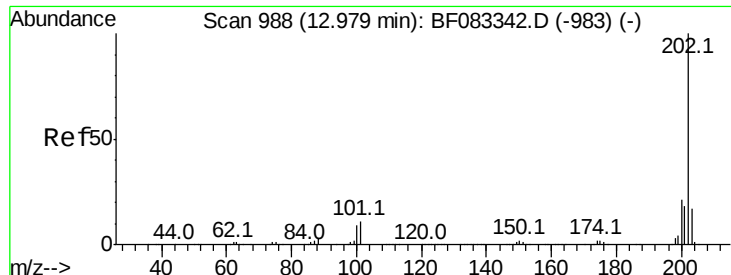
Mmdadoda
 12/1/2015 6:35:20 PM



#76
 Benzidine
 Concen: 20.15 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	358234		
185	14.2	12.4	18.6	
183	10.7	9.0	13.4	





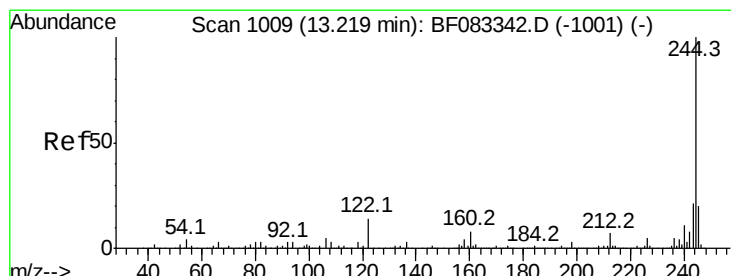
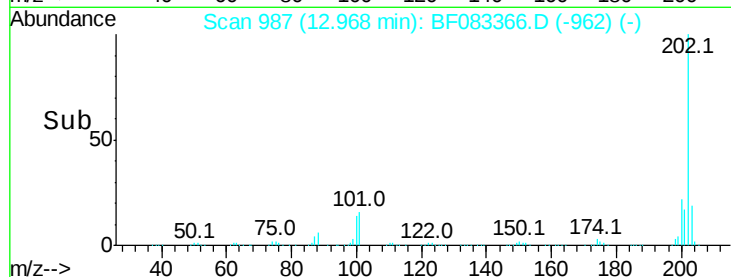
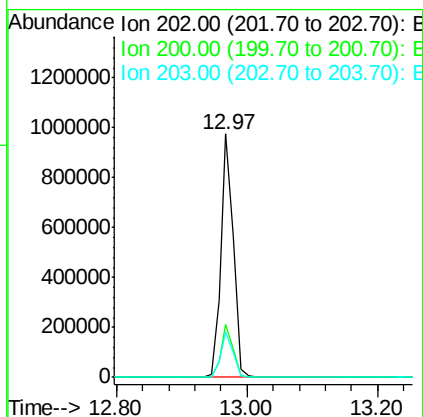
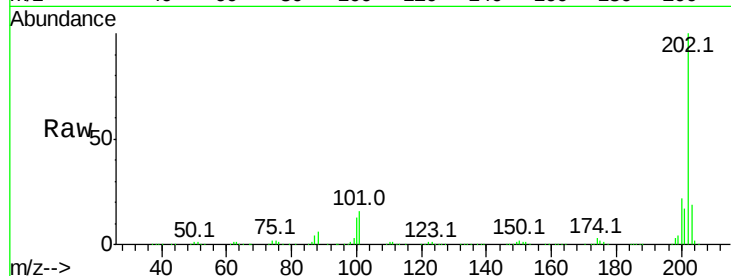
#77
Pvrene
Concen: 31.48 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.5	13.9	20.9

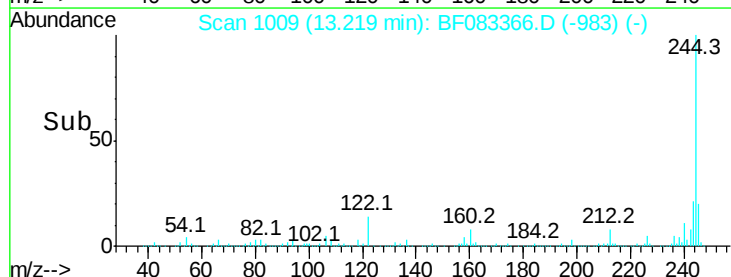
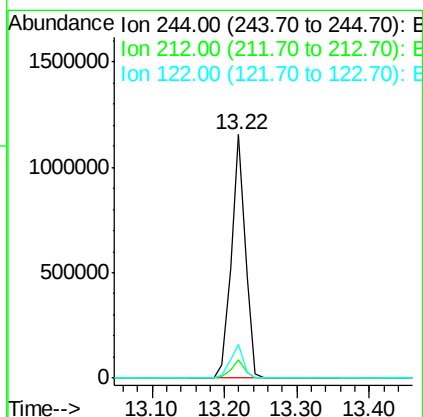
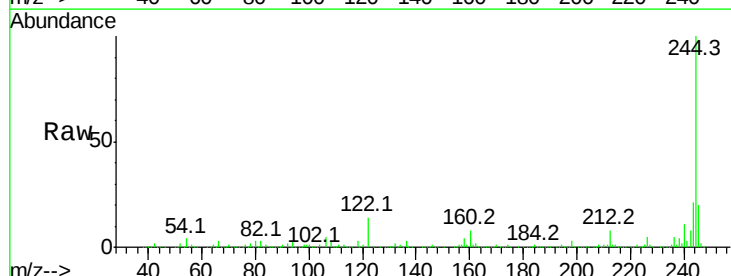
Manual Integrations
APPROVED

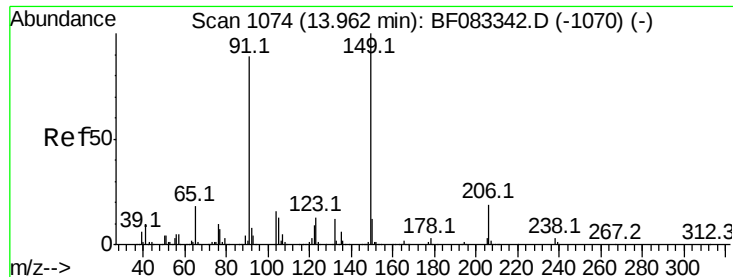
Mmdadoda
12/1/2015 6:35:20 PM



#78
Terphenyl-d14
Concen: 61.59 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	13.8	11.0	16.4





#79

Butylbenzylphthalate

Concen: 32.54 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

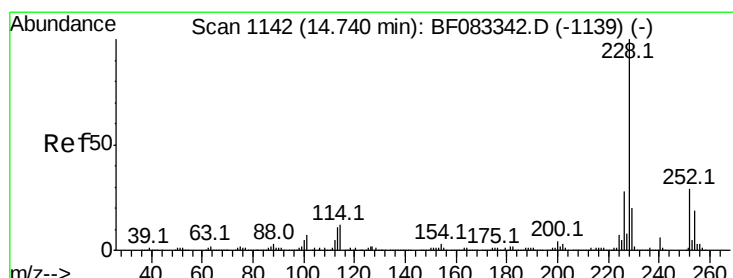
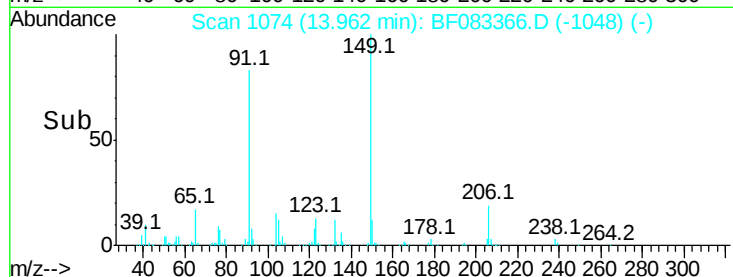
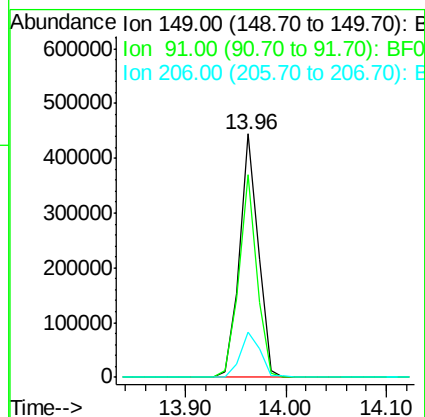
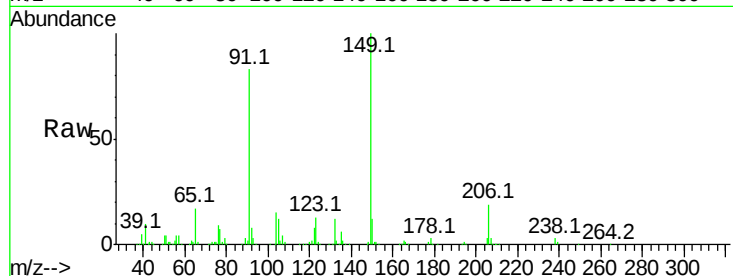
ClientSampleId :

PB86904BSD

Tot Ion:	149	Resp:	575553
Ion Ratio	Lower	Upper	
149	100		
91	83.3	71.4	107.2
206	18.7	15.1	22.7

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#80

Benzo(a)anthracene

Concen: 31.75 ng

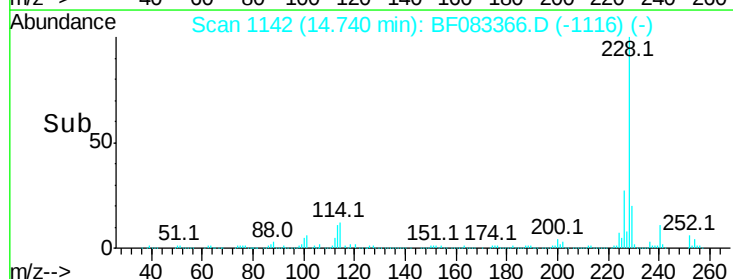
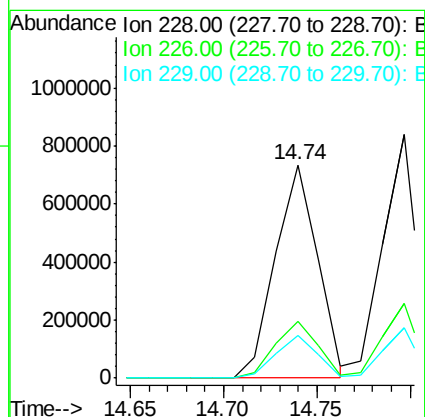
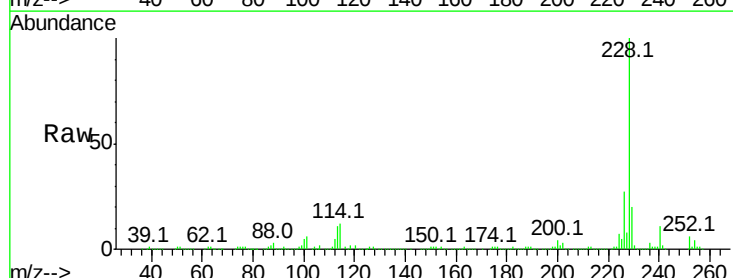
RT: 14.74 min Scan# 1142

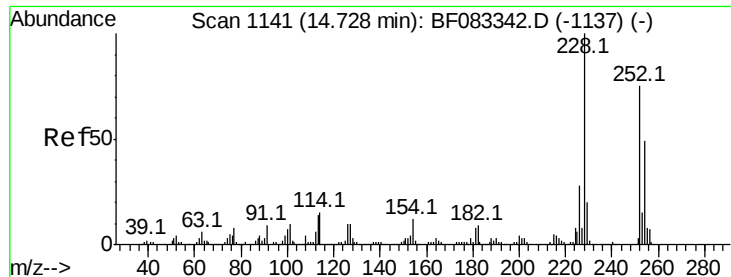
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	228	Resp:	1161217
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.2	33.4
229	20.1	16.1	24.1





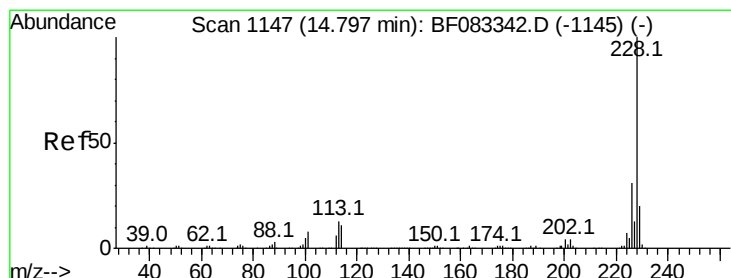
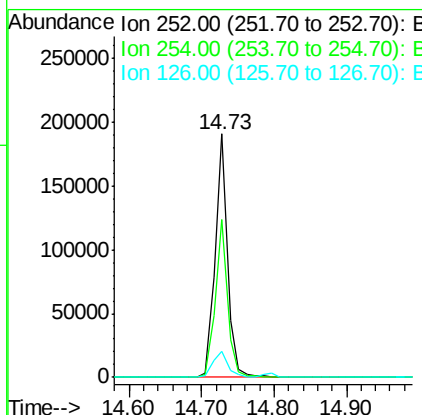
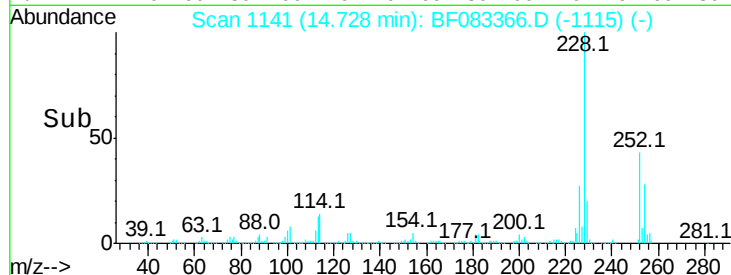
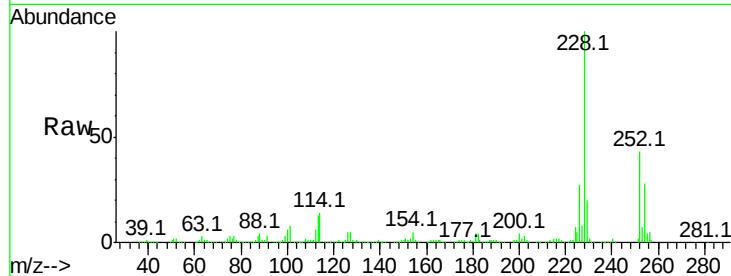
#81
 3,3'-Dichlorobenzidine
 Concen: 19.93 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	227670		
254	64.8	52.0	78.0	
126	10.9	10.7	16.1	

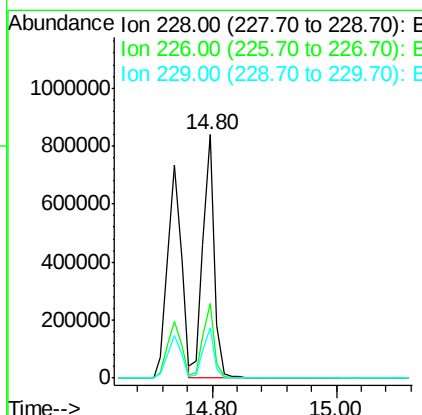
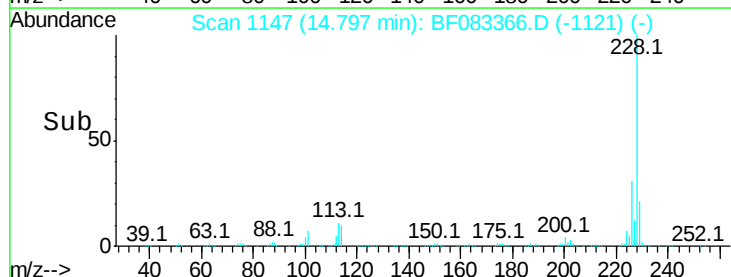
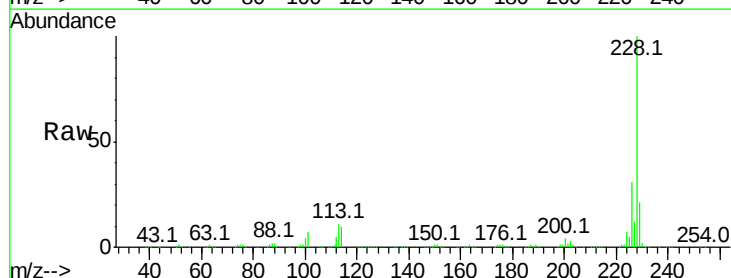
Manual Integrations
 APPROVED

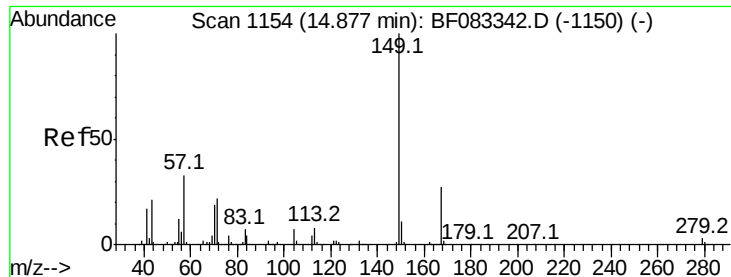
Mmdadoda
 12/1/2015 6:35:20 PM



#82
 Chrysene
 Concen: 30.65 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1083159		
226	30.9	24.6	37.0	
229	20.5	16.2	24.2	





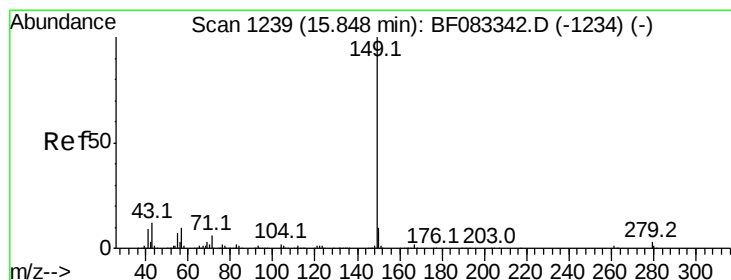
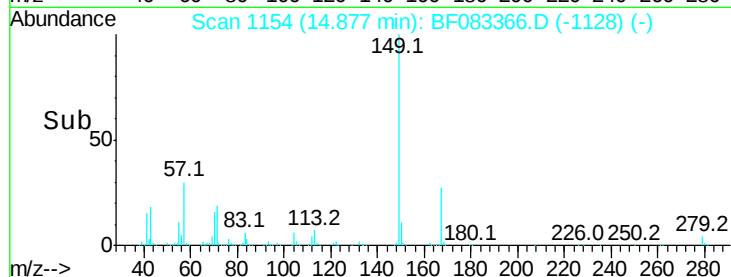
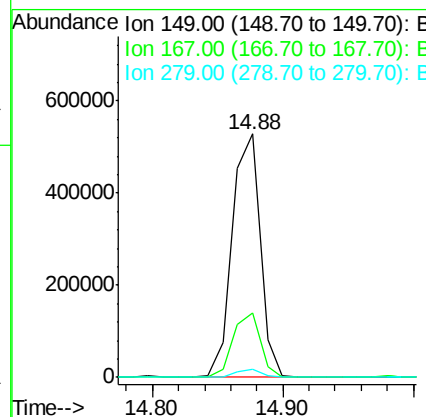
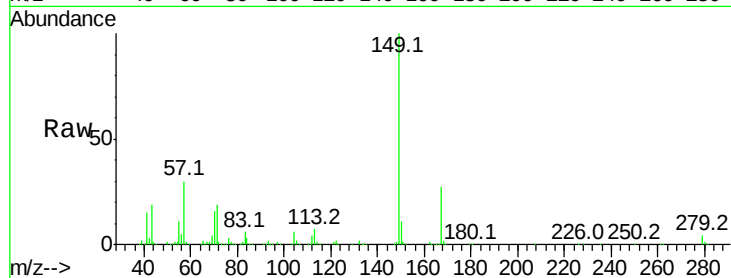
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.18 ng
RT: 14.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.5	21.5	32.3
279	3.5	2.6	3.8

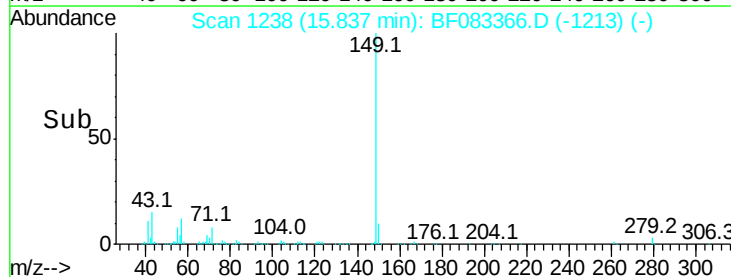
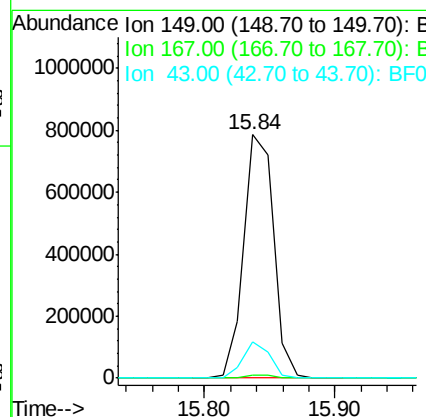
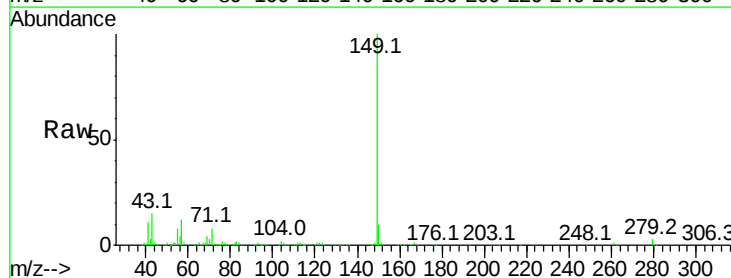
Manual Integrations
APPROVED

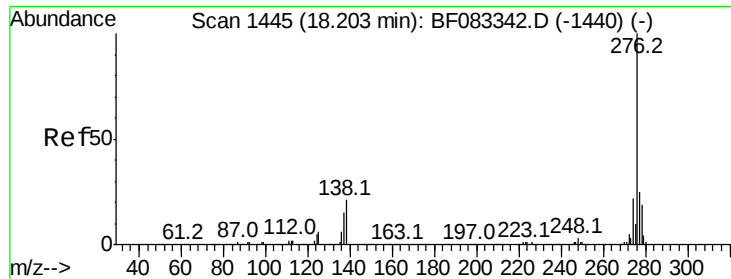
Mmdadoda
12/1/2015 6:35:20 PM



#84
Di-n-octyl phthalate
Concen: 35.44 ng
RT: 15.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.2	1.8
43	13.7	11.0	16.6





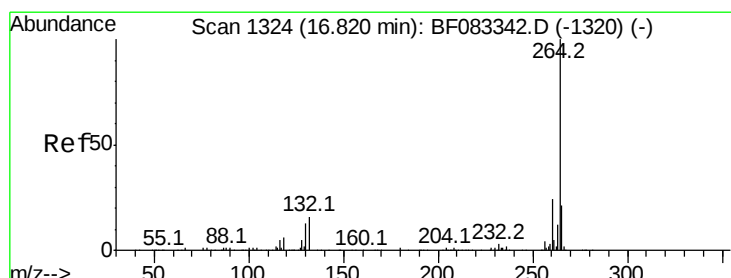
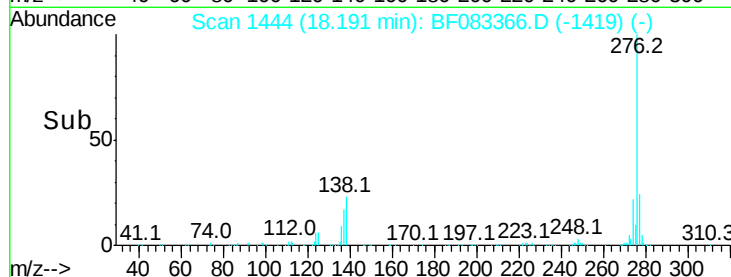
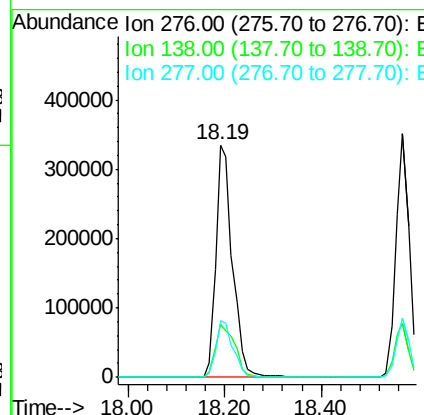
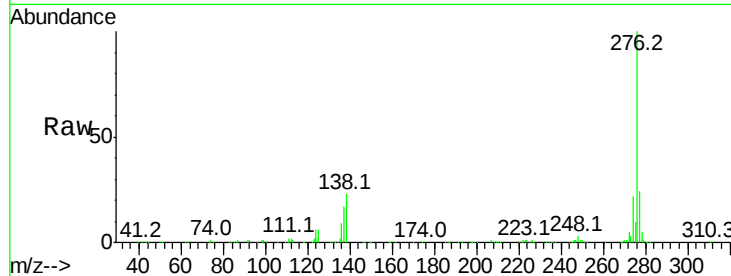
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.85 ng
RT: 18.19 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
PB86904BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	819861		
138	26.5	21.2	31.8	
277	25.0	20.0	30.0	

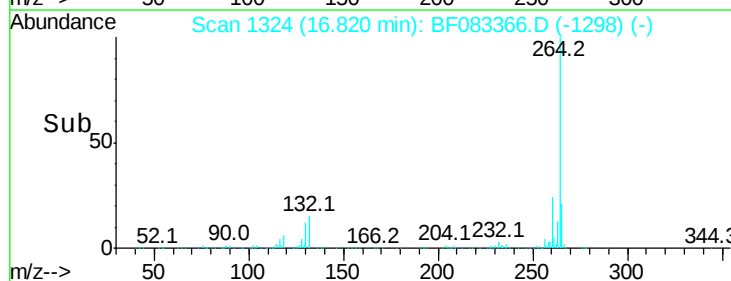
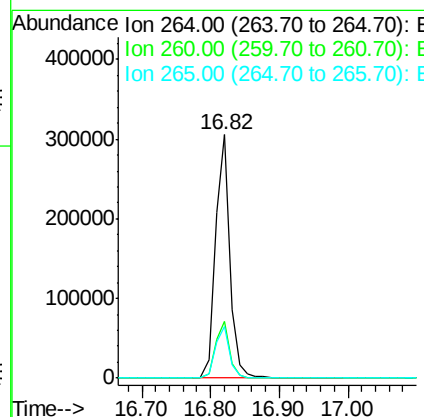
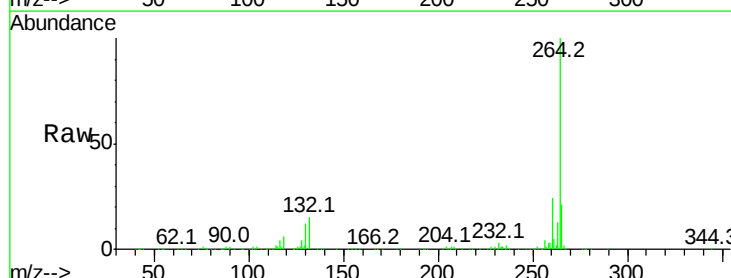
Manual Integrations
APPROVED

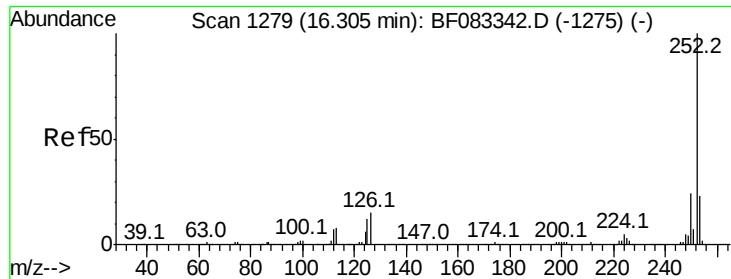
Mmdadoda
12/1/2015 6:35:20 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083366.D
Acq: 1 Dec 2015 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	447986		
260	23.6	19.0	28.4	
265	21.2	16.8	25.2	





#87

Benzo(b)fluoranthene

Concen: 34.24 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

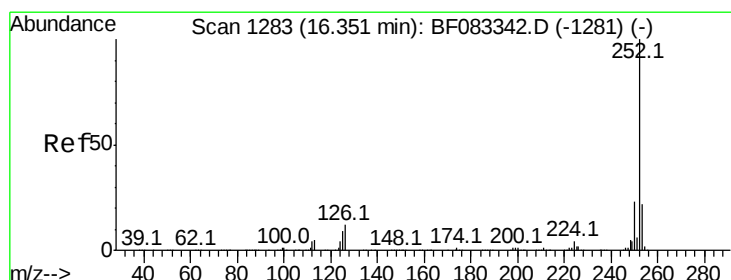
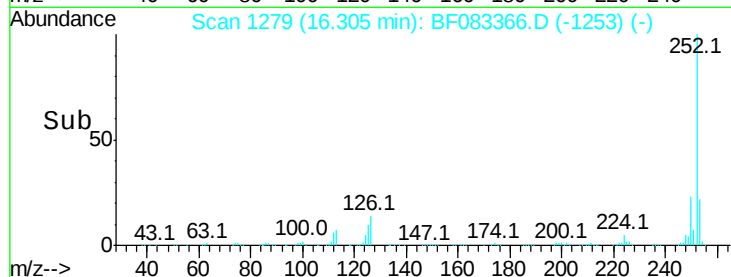
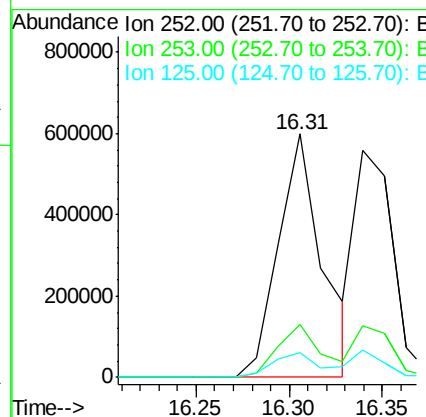
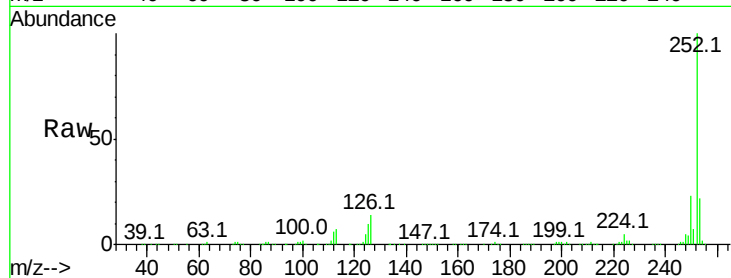
ClientSampleId :

PB86904BSD

Tot Ion:	252	Resp:	984223
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	10.2	9.6	14.4

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#88

Benzo(k)fluoranthene

Concen: 29.25 ng m

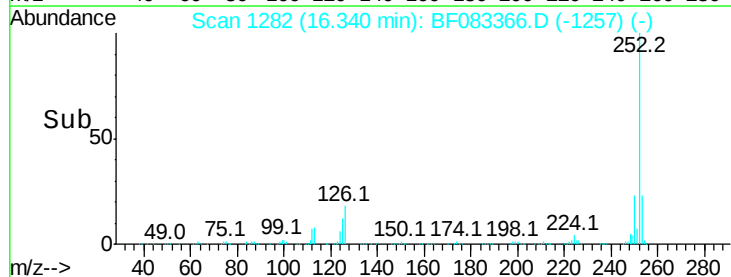
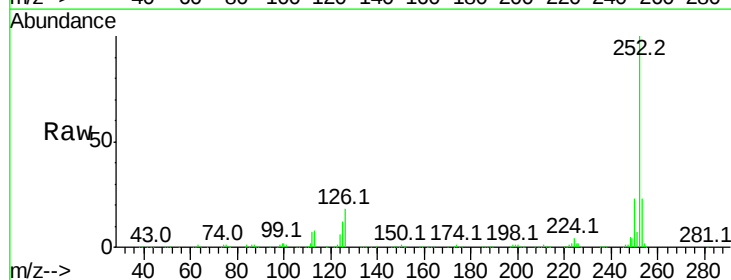
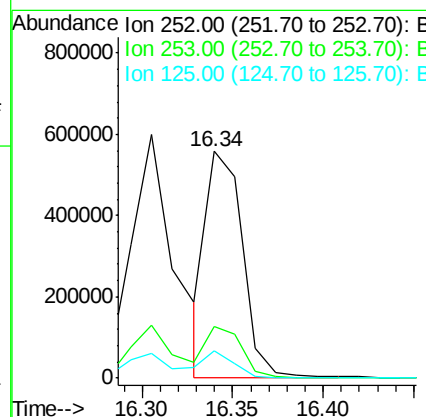
RT: 16.34 min Scan# 1282

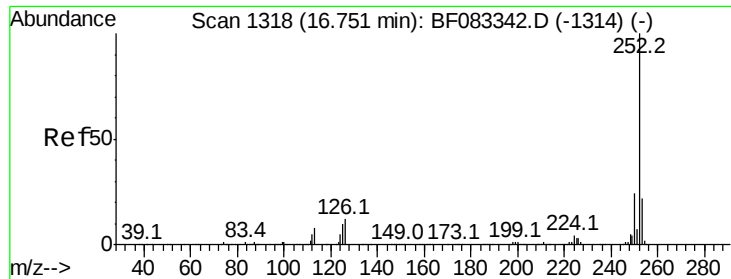
Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	252	Resp:	793961
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	11.9	7.5	11.3#





#89

Benzo(a)pyrene

Concen: 32.96 ng

RT: 16.74 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Instrument :

BNA_F

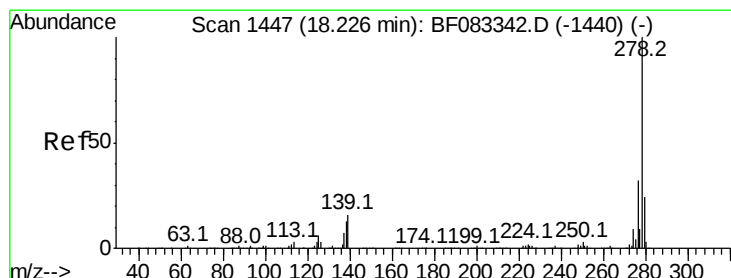
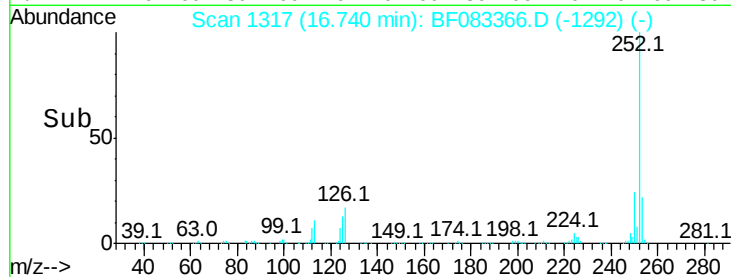
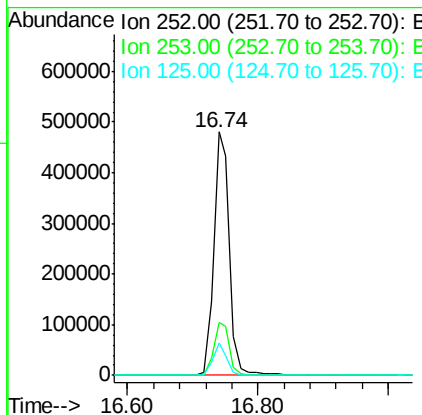
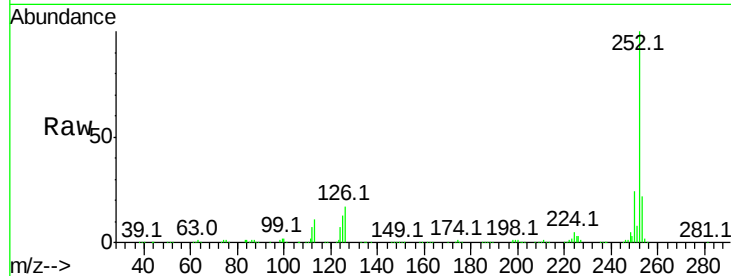
ClientSampleId :

PB86904BSD

Tot Ion:	252	Resp:	813791
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	13.3	7.8	11.8

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:20 PM



#90

Dibenzo(a,h)anthracene

Concen: 32.08 ng

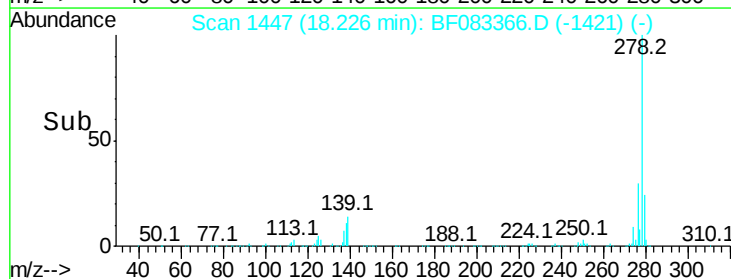
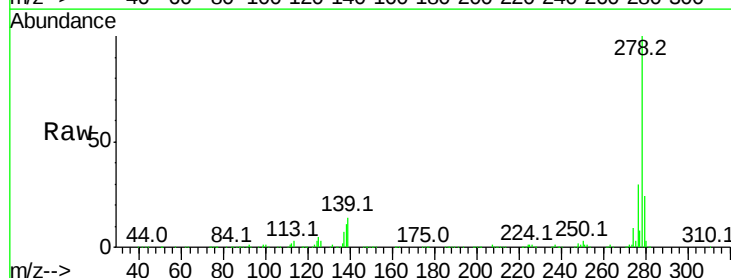
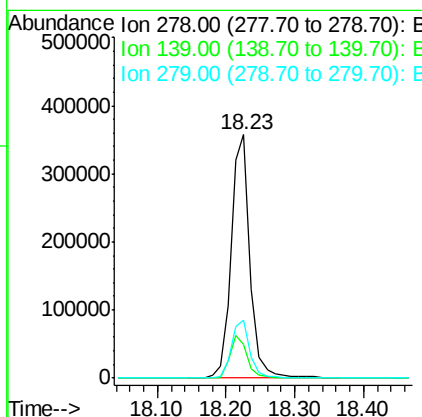
RT: 18.23 min Scan# 1447

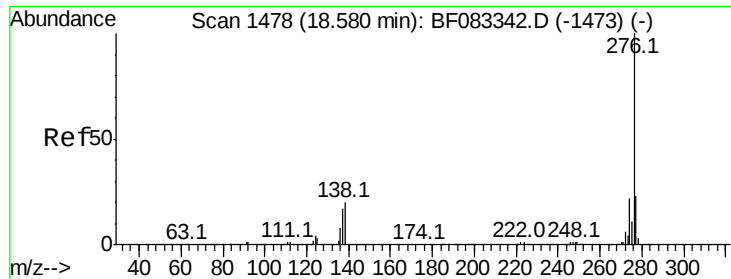
Delta R.T. -0.00 min

Lab File: BF083366.D

Acq: 1 Dec 2015 7:17

Tgt Ion:	278	Resp:	690225
Ion Ratio	Lower	Upper	
278	100		
139	13.9	13.1	19.7
279	23.6	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 32.59 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083366.D
 Acq: 1 Dec 2015 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	18.6	28.0
138	22.5	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:20 PM

