

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083417.D
 Acq On : 2 Dec 2015 14:40
 Operator : UM/IZ
 Sample : G4582-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:29 PM

Quant Time: Dec 03 03:30:51 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	142220m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	574821	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	277555	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	517682	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	430835	20.00	ng	-0.02
86) Perylene-d12	16.80	264	320934	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1422011	150.04	ng	0.01
7) Phenol-d6	6.22	99	1867770	143.98	ng	0.00
23) Nitrobenzene-d5	7.12	82	1193389	91.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	396146	142.18	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1730856	88.87	ng	-0.01
78) Terphenyl-d14	13.21	244	1776895	98.36	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	183162	35.69	ng	# 90
3) Pyridine	2.61	79	596409	46.46	ng	97
4) n-Nitrosodimethylamine	2.58	42	292610	46.31	ng	94
6) Aniline	6.21	93	741051	41.76	ng	99
8) 2-Chlorophenol	6.34	128	529094	50.61	ng	93
9) Benzaldehyde	6.08	77	251232	40.33	ng	89
10) Phenol	6.24	94	876609	56.16	ng	97
11) bis(2-Chloroethyl)ether	6.29	93	596829	52.56	ng	92
12) 1,3-Dichlorobenzene	6.48	146	522766m	44.98	ng	
13) 1,4-Dichlorobenzene	6.56	146	547242m	45.56	ng	
14) 1,2-Dichlorobenzene	6.72	146	520289	47.21	ng	96
15) Benzyl Alcohol	6.70	79	491526	49.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	968329	48.60	ng	# 53
17) 2-Methylphenol	6.84	107	467368	53.63	ng	98
18) Hexachloroethane	7.05	117	193739	46.44	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	440894	47.55	ng	92
20) 3+4-Methylphenols	7.00	107	618703	52.42	ng	98
22) Acetophenone	6.97	105	782518	45.50	ng	# 97
24) Nitrobenzene	7.14	77	673343	48.22	ng	95
25) Isophorone	7.38	82	1122461	44.31	ng	99
26) 2-Nitrophenol	7.46	139	285060	50.01	ng	# 74
27) 2,4-Dimethylphenol	7.52	122	445835	46.66	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	690575	47.88	ng	98
29) 2,4-Dichlorophenol	7.71	162	456039	49.62	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	458568	45.84	ng	98
31) Naphthalene	7.86	128	1945030	62.36	ng	99
32) Benzoic acid	7.63	122	60395	9.16	ng	95
33) 4-Chloroaniline	7.92	127	515940	38.37	ng	94
34) Hexachlorobutadiene	7.98	225	250725	44.15	ng	97
35) Caprolactam	8.29	113	146949m	50.61	ng	
36) 4-Chloro-3-methylphenol	8.42	107	491624	47.69	ng	# 81
37) 2-Methylnaphthalene	8.54	142	987128	47.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	419070	47.63	ng	99
40) Hexachlorocyclopentadiene	8.70	237	356603	85.32	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083417.D
 Acq On : 2 Dec 2015 14:40
 Operator : UM/IZ
 Sample : G4582-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

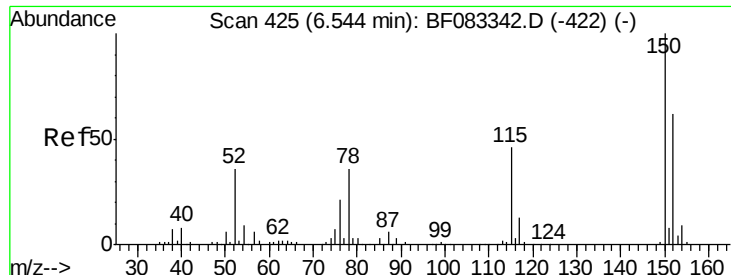
Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:29 PM

Quant Time: Dec 03 03:30:51 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	8.83	196	298134	48.31	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	316967	49.57	nq	# 93
45) 1,1'-Biphenyl	9.01	154	1216048	49.96	nq	99
46) 2-Chloronaphthalene	9.02	162	871520	46.99	nq	98
47) 2-Nitroaniline	9.14	65	360340	49.05	nq	# 84
48) Acenaphthylene	9.44	152	1358303	45.91	nq	98
49) Dimethylphthalate	9.33	163	1497033	66.37	nq	98
50) 2,6-Dinitrotoluene	9.38	165	222632	46.22	nq	# 83
51) Acenaphthene	9.61	154	895155	51.44	nq	99
52) 3-Nitroaniline	9.55	138	209716	37.14	nq	92
53) 2,4-Dinitrophenol	9.66	184	109123	41.45	nq	# 72
54) Dibenzofuran	9.79	168	1215932	47.68	nq	91
55) 4-Nitrophenol	9.76	139	388266	109.94	nq	# 64
56) 2,4-Dinitrotoluene	9.79	165	301602	49.34	nq	# 59
57) Fluorene	10.12	166	914704	45.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	263465	51.07	nq	98
59) Diethylphthalate	10.02	149	980282	45.60	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	427867	46.24	nq	95
61) 4-Nitroaniline	10.17	138	234171	41.45	nq	94
62) Azobenzene	10.28	77	1264481	48.68	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	147418	42.41	nq	# 74
65) n-Nitrosodiphenylamine	10.25	169	862022	47.39	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	279670	49.39	nq	98
67) Hexachlorobenzene	10.69	284	295191	47.14	nq	99
68) Atrazine	10.82	200	274004	54.46	nq	97
69) Pentachlorophenol	10.91	266	315939	96.32	nq	99
70) Phenanthrene	11.15	178	1498921	48.93	nq	99
71) Anthracene	11.21	178	1480994	48.02	nq	99
72) Carbazole	11.40	167	1328020	47.92	nq	99
73) Di-n-butylphthalate	11.84	149	1558908	47.47	nq	99
74) Fluoranthene	12.65	202	1439612	45.33	nq	97
76) Benzidine	12.85	184	752376	58.63	nq	98
77) Pyrene	12.96	202	1469016	48.82	nq	98
79) Butylbenzylphthalate	13.95	149	663667	52.00	nq	# 82
80) Benzo(a)anthracene	14.72	228	1225052	46.41	nq	100
81) 3,3'-Dichlorobenzidine	14.71	252	349869	42.44	nq	99
82) Chrysene	14.77	228	1135478	44.52	nq	100
83) Bis(2-ethylhexyl)phthalate	14.85	149	921683	53.83	nq	98
84) Di-n-octyl phthalate	15.83	149	1394961	54.71	nq	99
85) Indeno(1,2,3-cd)pyrene	18.18	276	972779	52.37	nq	99
87) Benzo(b)fluoranthene	16.28	252	955928	46.42	nq	99
88) Benzo(k)fluoranthene	16.33	252	889563	45.75	nq	99
89) Benzo(a)pyrene	16.73	252	853734	48.27	nq	100
90) Dibenzo(a,h)anthracene	18.20	278	825143	53.54	nq	100
91) Benzo(g,h,i)perylene	18.55	276	815677	53.92	nq	96

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



#1

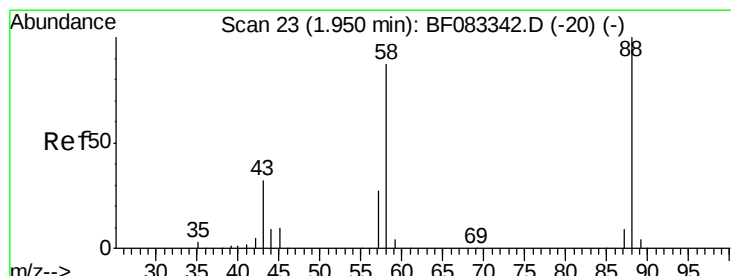
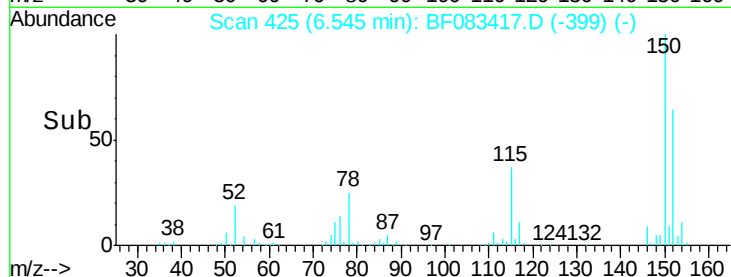
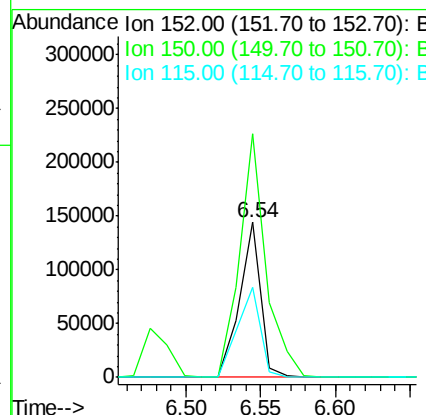
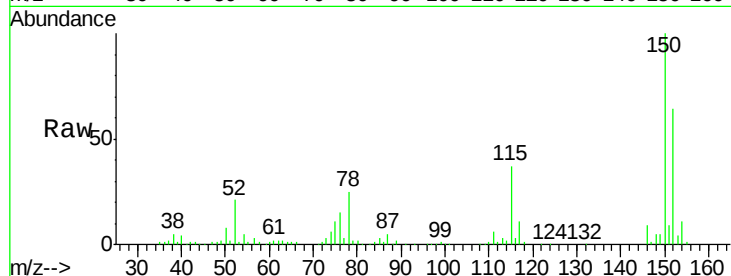
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.8	194.8
115	58.4	59.2	88.8

Manual Integrations
APPROVED

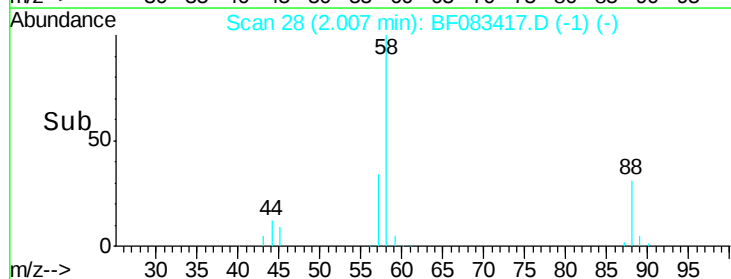
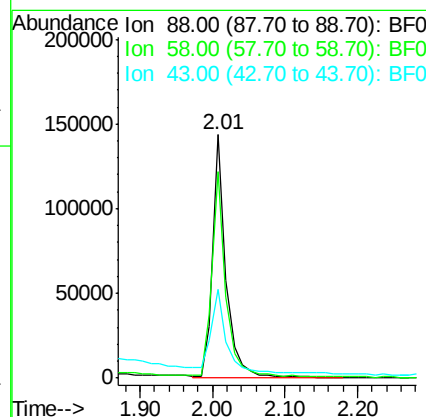
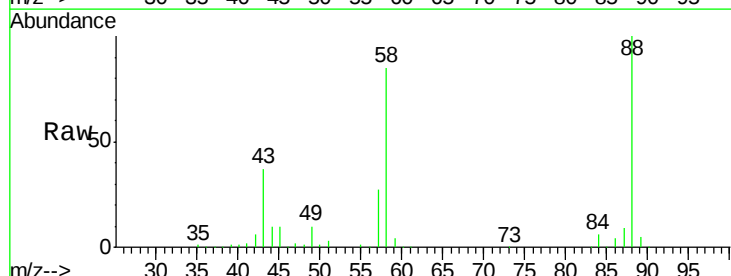
Mmdadoda
12/3/2015 7:09:29 PM

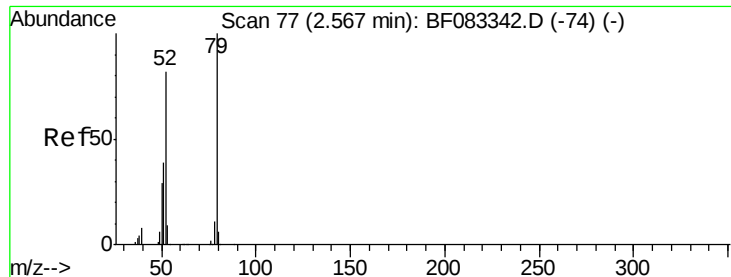


#2

1,4-Dioxane
Concen: 35.69 ng
RT: 2.01 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	66.6	100.0
43	44.9	27.1	40.7





#3

Pvridine

Concen: 46.46 ng

RT: 2.61 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

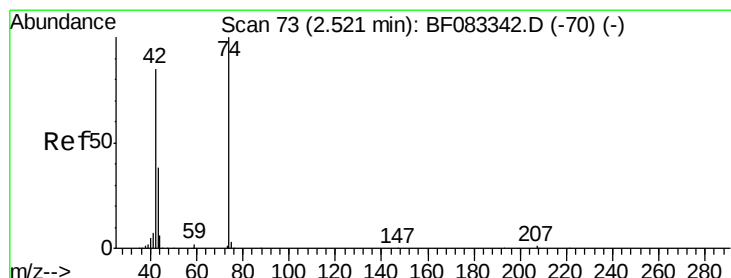
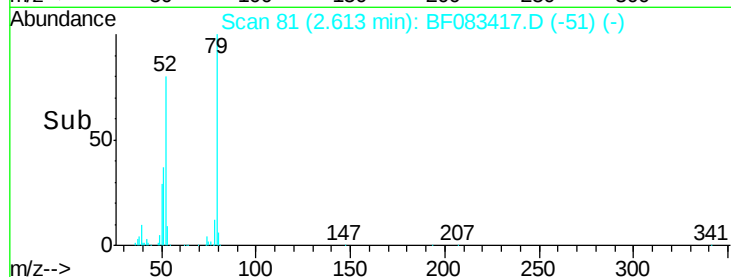
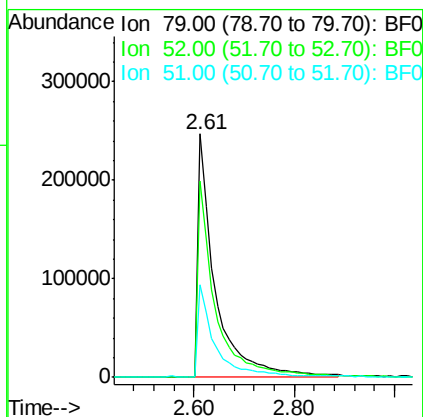
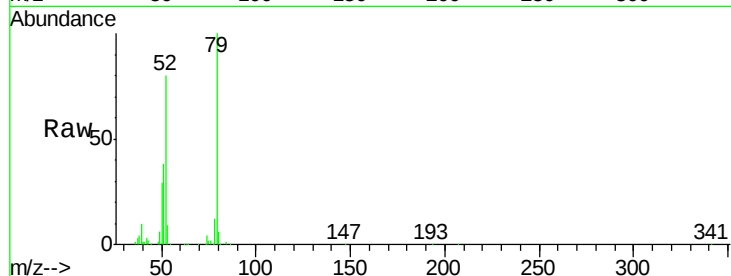
ClientSampleId :

SB-P3WC-07(8-14)MSD

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		596409		
52	80.4	65.9	98.9		
51	37.8	32.3	48.5		



#4

n-Nitrosodimethylamine

Concen: 46.31 ng

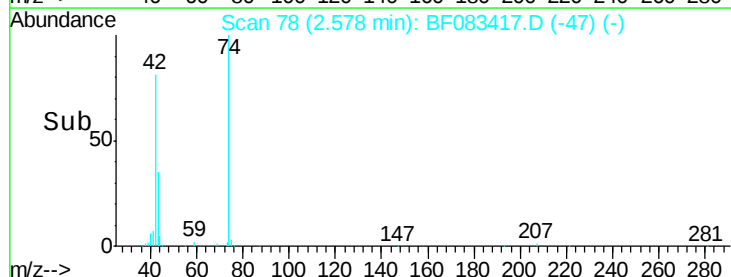
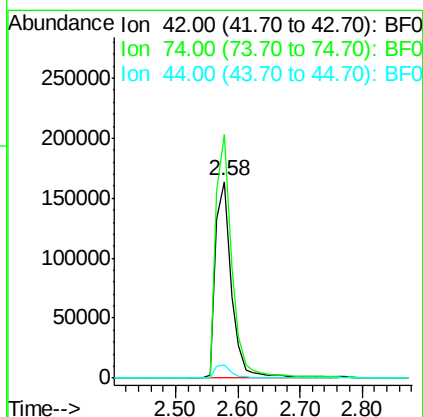
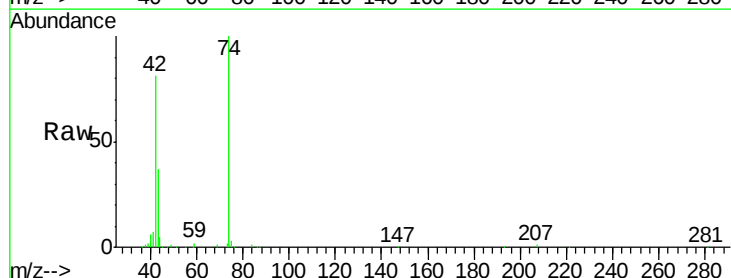
RT: 2.58 min Scan# 78

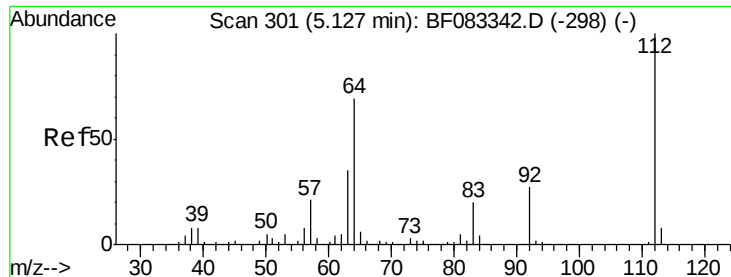
Delta R.T. 0.06 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		292610		
74	123.9	93.7	140.5		
44	6.7	5.6	8.4		





#5

2-Fluorophenol

Concen: 150.04 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

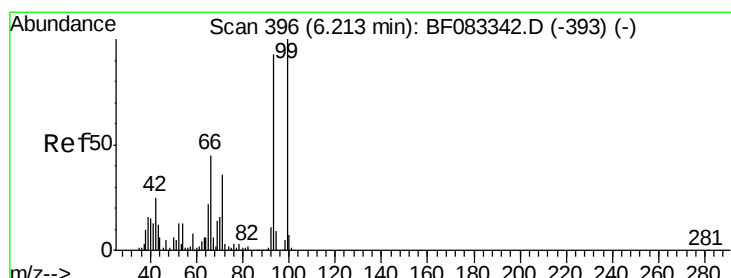
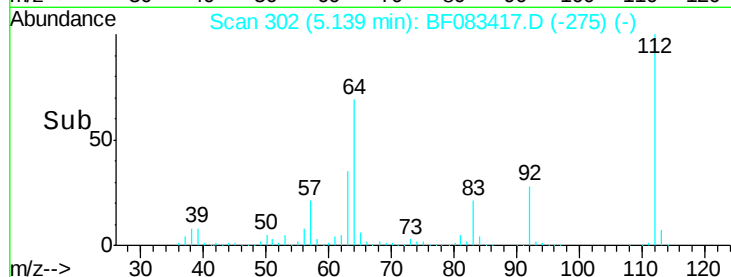
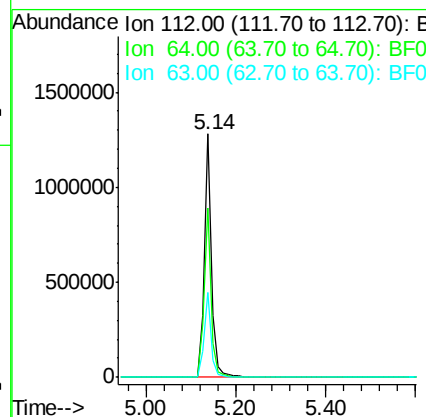
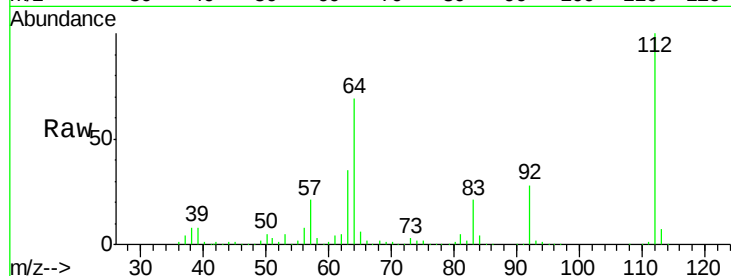
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	112	Resp:	1422011
Ion Ratio	Lower	Upper	
112	100		
64	69.4	55.6	83.4
63	34.8	28.2	42.2

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#6

Aniline

Concen: 41.76 ng

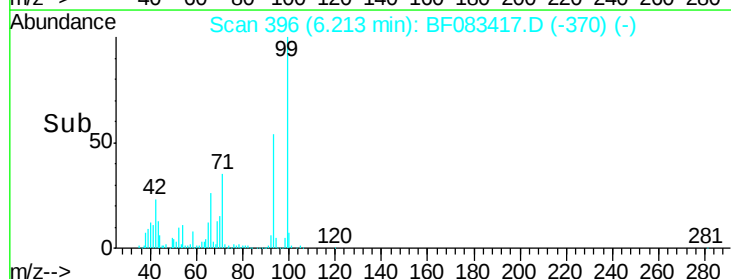
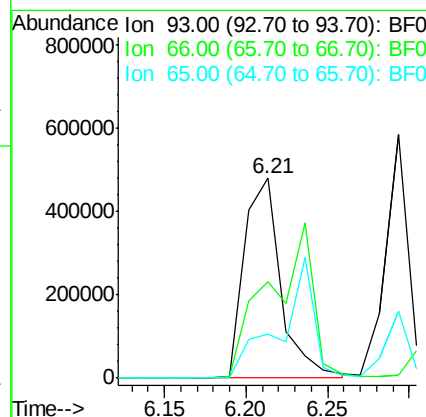
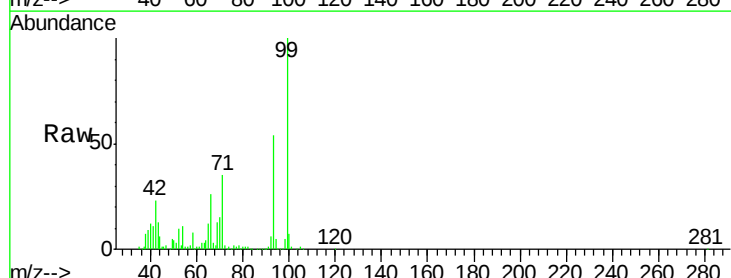
RT: 6.21 min Scan# 396

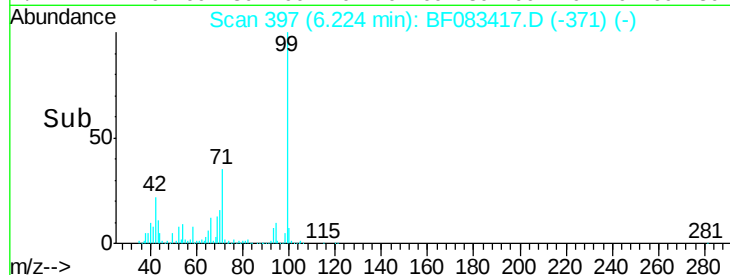
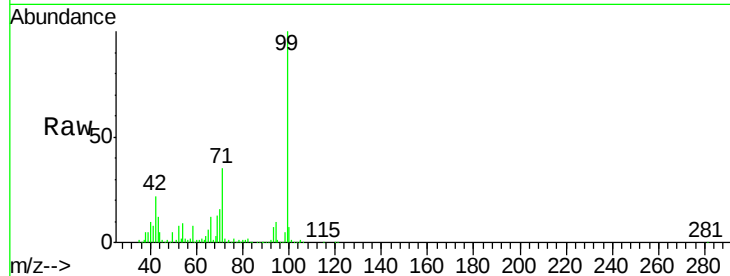
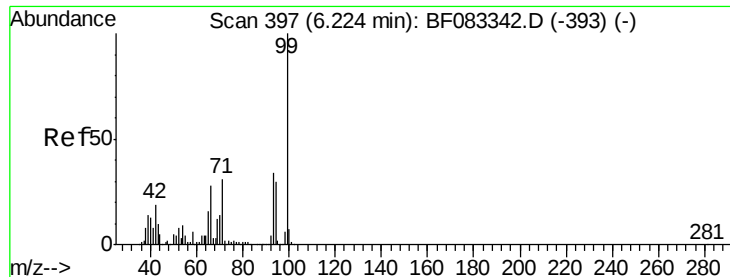
Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	93	Resp:	741051
Ion Ratio	Lower	Upper	
93	100		
66	48.1	38.7	58.1
65	22.3	19.0	28.6





#7

Phenol-d6

Concen: 143.98 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tot Ion: 99 Resp: 1867770

Ion Ratio Lower Upper

99 100

42 21.6 14.9 22.3

71 35.4 24.7 37.1

Instrument :

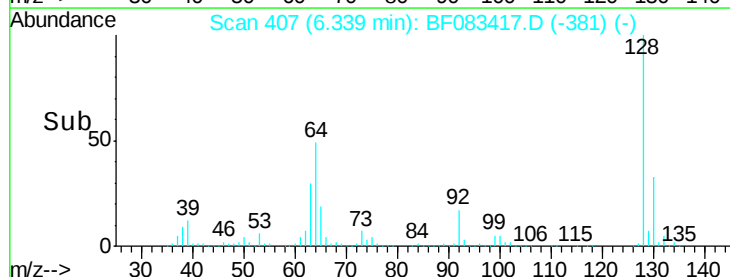
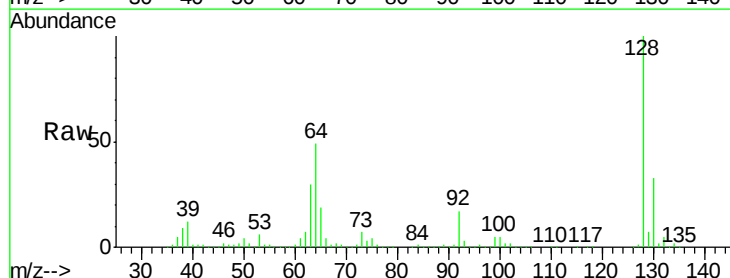
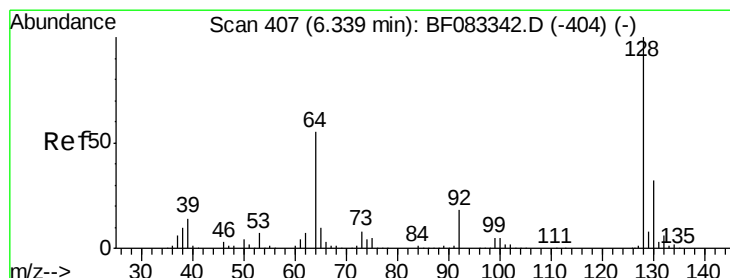
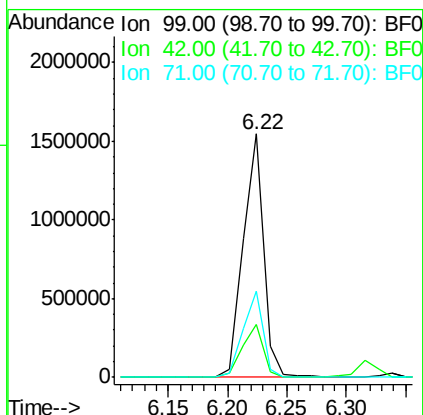
BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#8

2-Chlorophenol

Concen: 50.61 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

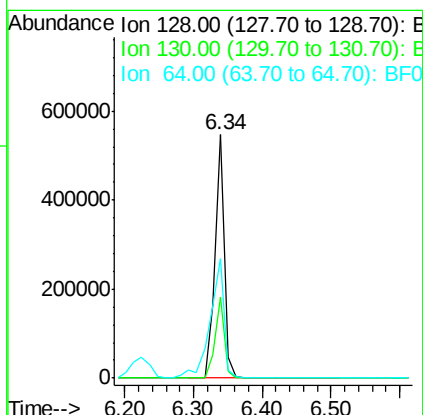
Tgt Ion:128 Resp: 529094

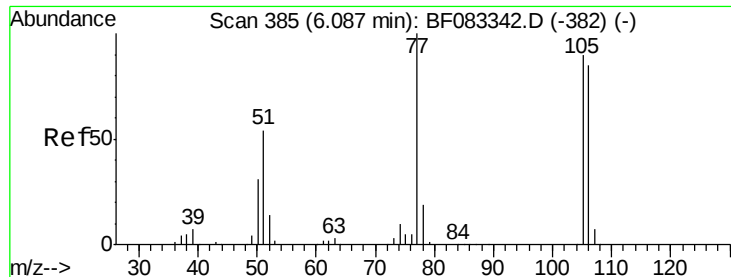
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 48.9 36.4 76.4





#9

Benzaldehyde

Concen: 40.33 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

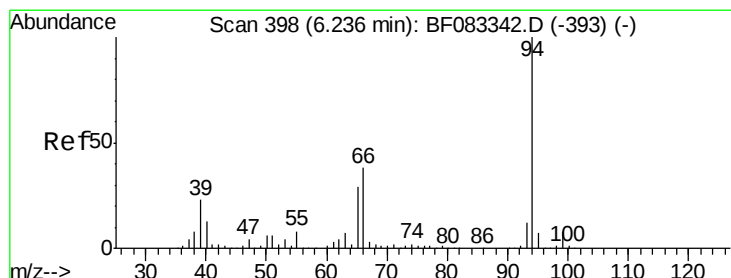
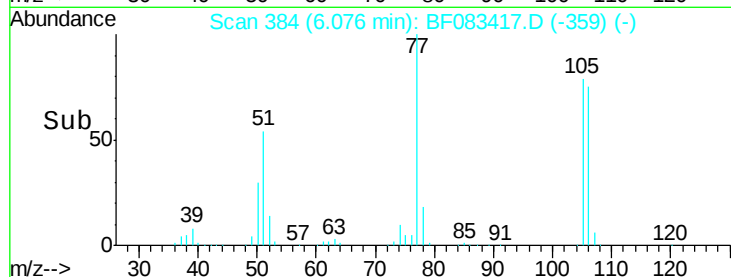
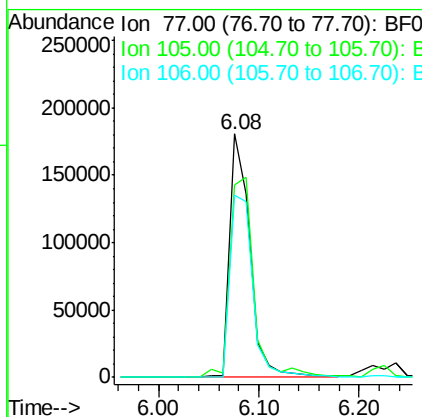
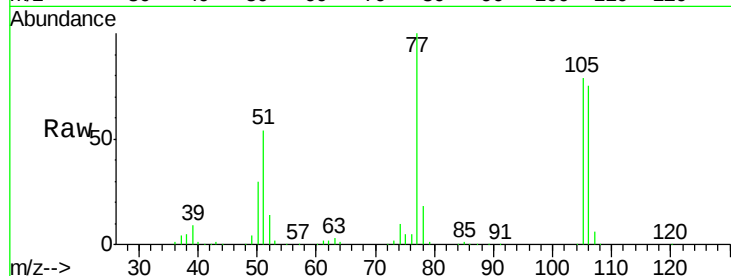
ClientSampleId :

SB-P3WC-07(8-14)MSD

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM

Tot Ion:	77	Resp:	251232
Ion	Ratio	Lower	Upper
77	100		
105	78.9	70.0	110.0
106	74.9	65.0	105.0



#10

Phenol

Concen: 56.16 ng

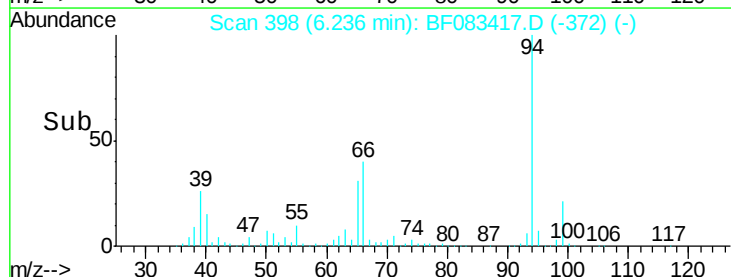
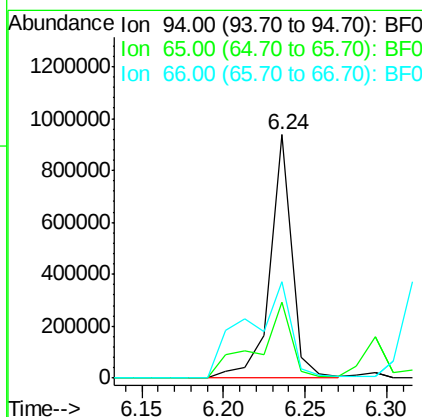
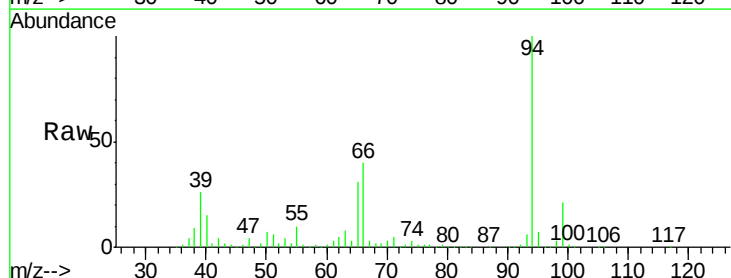
RT: 6.24 min Scan# 398

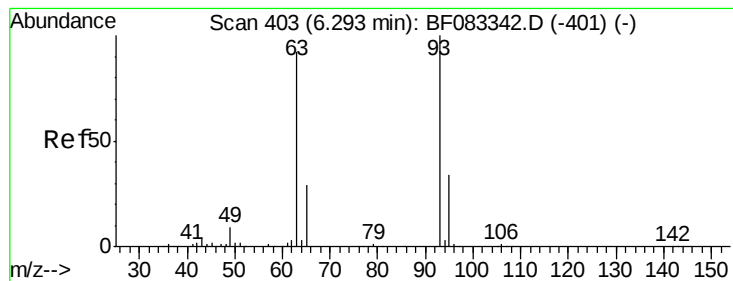
Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	94	Resp:	876609
Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.5	49.5
66	39.7	17.9	57.9





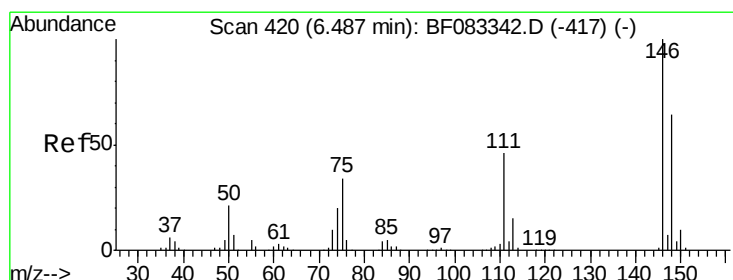
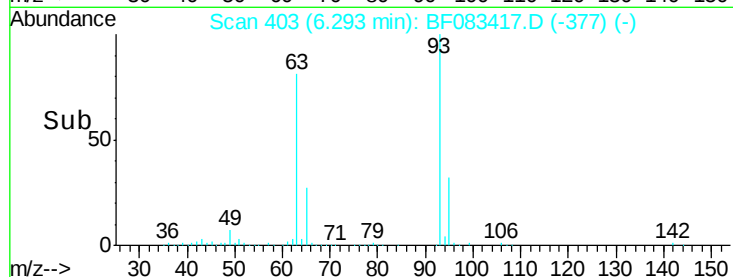
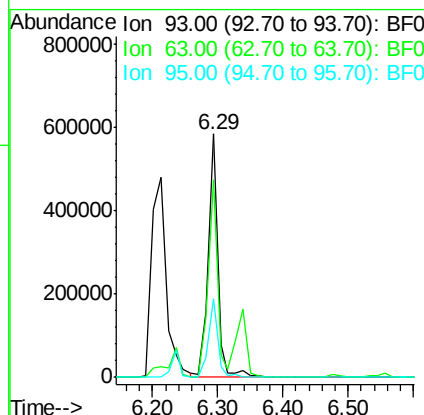
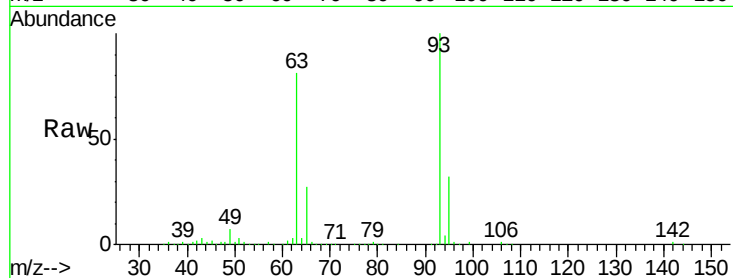
#11
bis(2-Chloroethyl)ether
Concen: 52.56 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	596829		
63	81.1		71.4	111.4
95	32.4		13.4	53.4

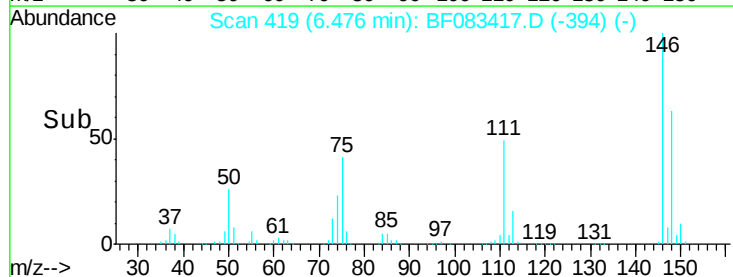
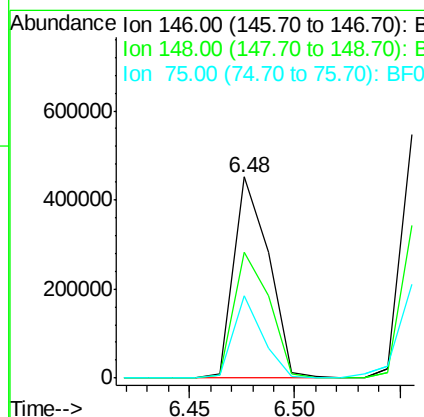
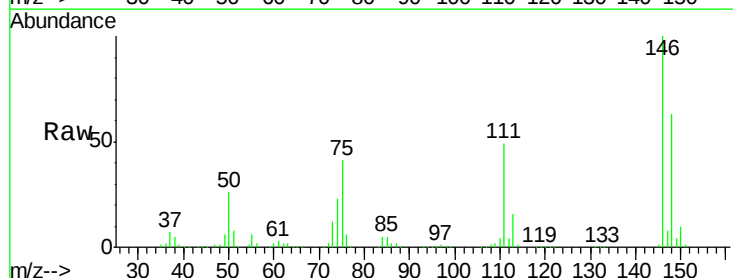
Manual Integrations
APPROVED

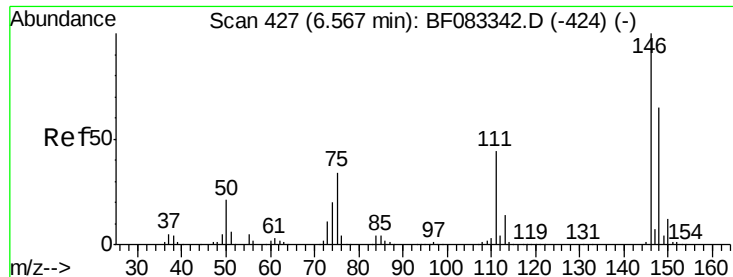
Mmdadoda
12/3/2015 7:09:29 PM



#12
1,3-Dichlorobenzene
Concen: 44.98 ng m
RT: 6.48 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	522766		
148	62.6		51.1	76.7
75	41.0		27.5	41.3





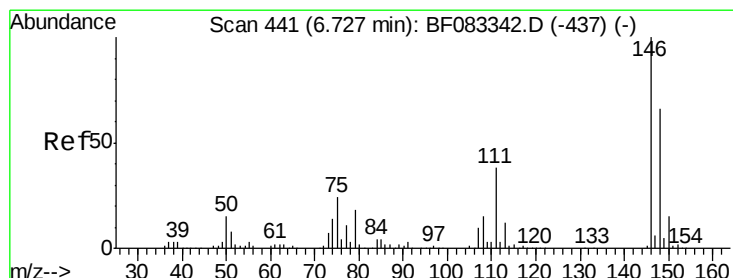
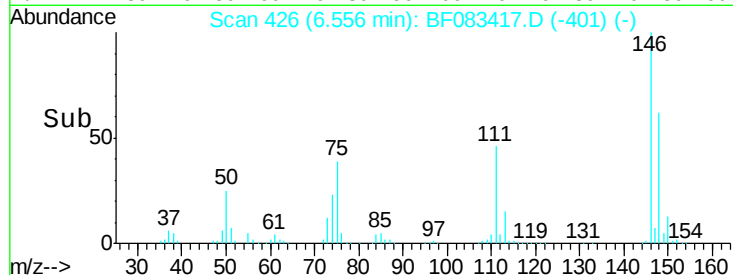
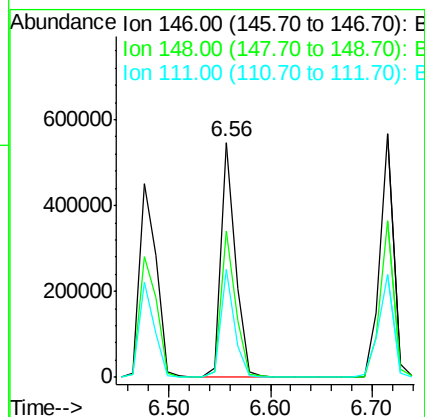
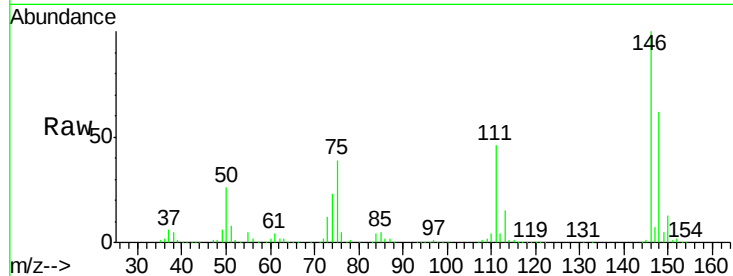
#13
1,4-Dichlorobenzene
Concen: 45.56 ng/ml
RT: 6.56 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.1	78.1
111	46.1	35.4	53.0

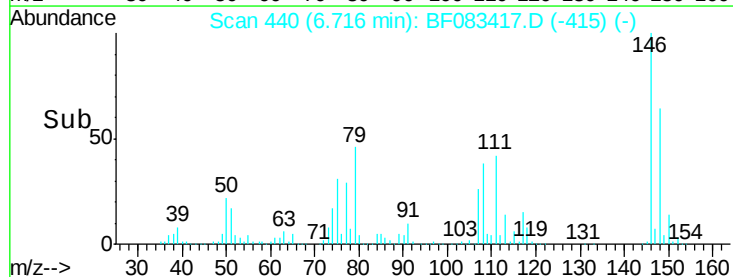
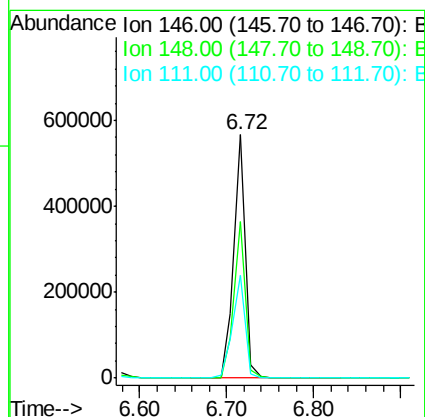
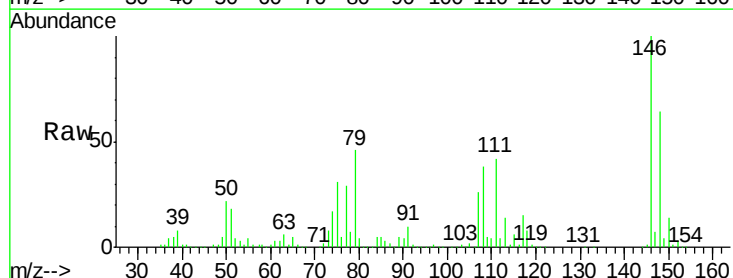
Manual Integrations
APPROVED

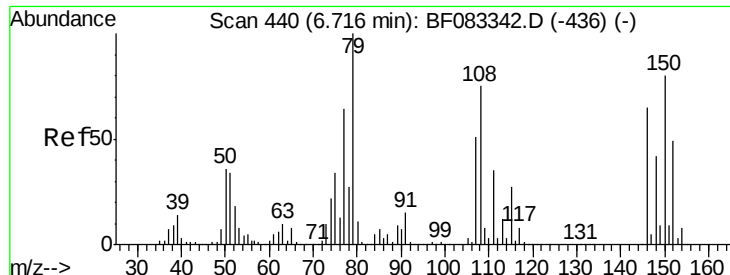
Mmdadoda
12/3/2015 7:09:29 PM



#14
1,2-Dichlorobenzene
Concen: 47.21 ng/ml
RT: 6.72 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.5	78.7
111	42.4	30.6	46.0





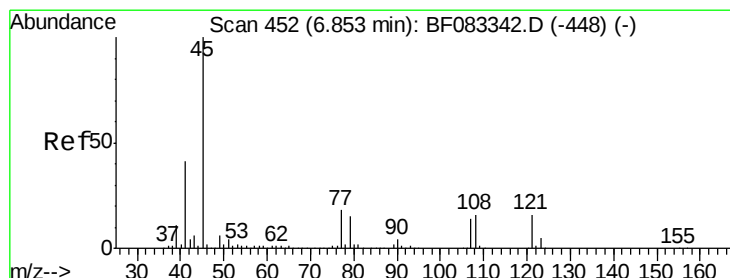
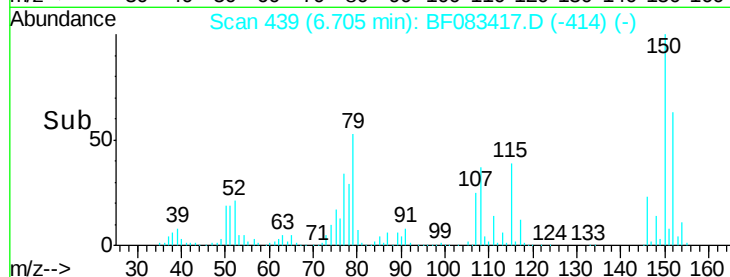
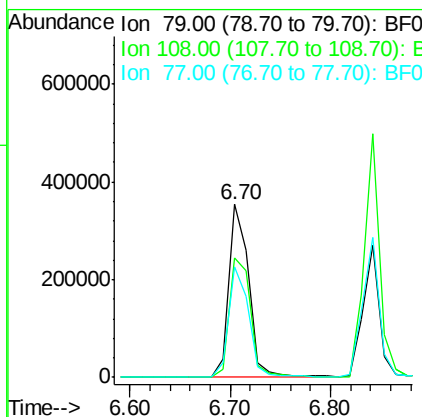
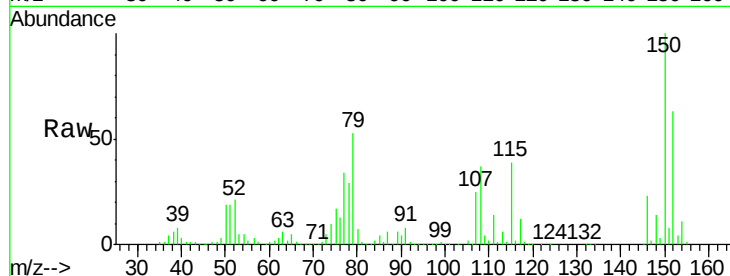
#15
Benzyl Alcohol
Concen: 49.02 ng
RT: 6.70 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.4	59.9	89.9
77	63.9	51.0	76.6

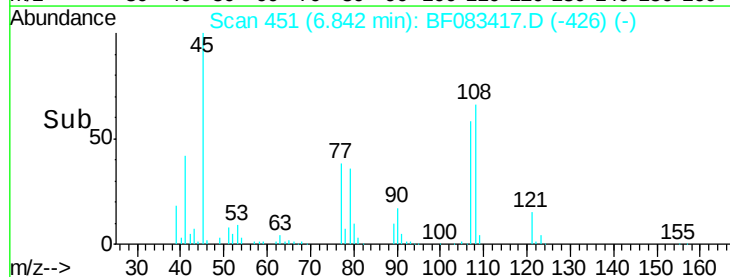
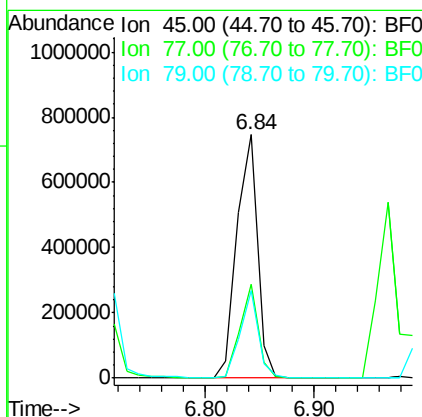
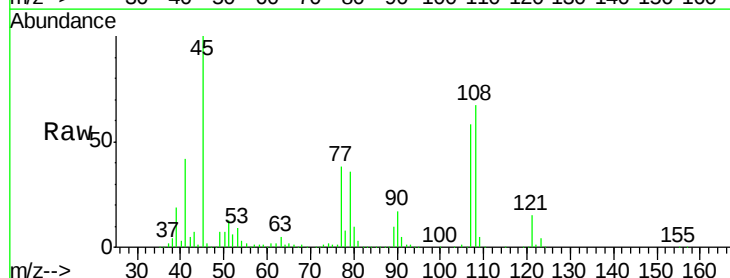
Manual Integrations
APPROVED

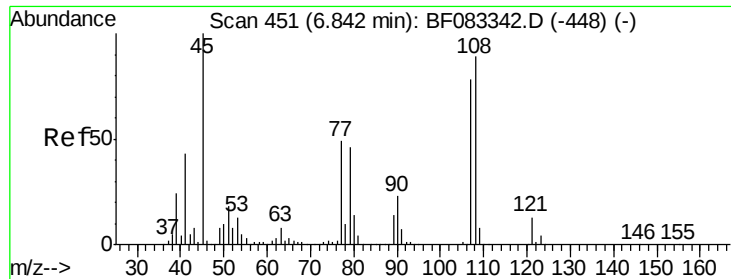
Mmdadoda
12/3/2015 7:09:29 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.60 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.4	0.0	38.3#
79	36.1	0.0	35.4#





#17

2-Methylphenol

Concen: 53.63 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

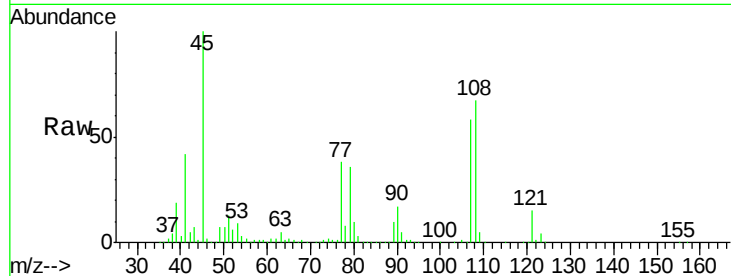
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.6	137.4	
77	65.8	49.9	74.9	
79	62.0	47.3	70.9	

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



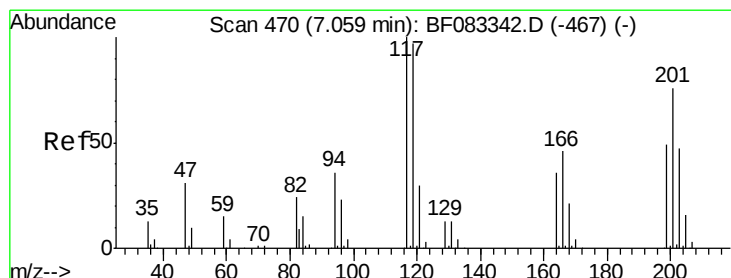
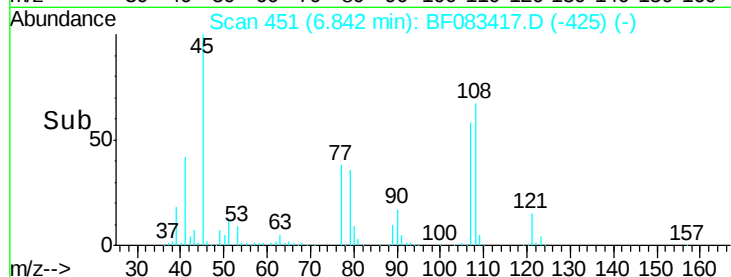
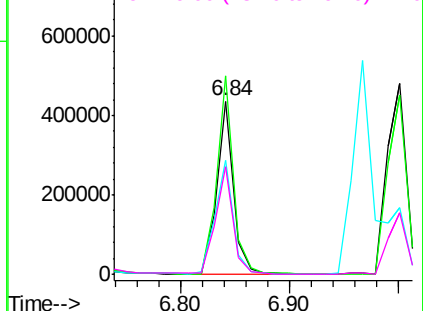
Abundance

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: 46.44 ng

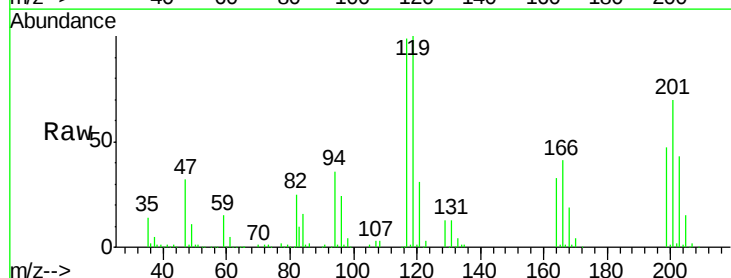
RT: 7.05 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	77.3	115.9	
201	70.2	60.6	90.8	

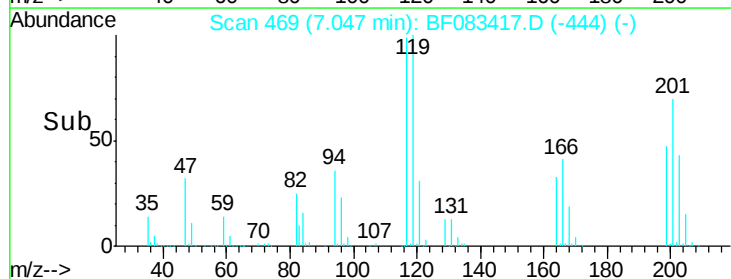
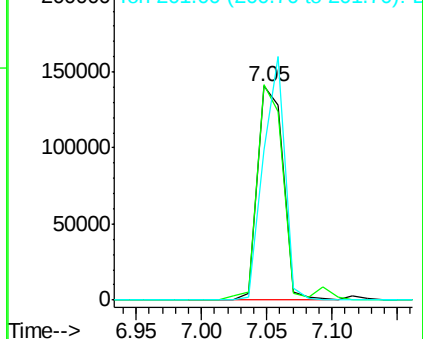


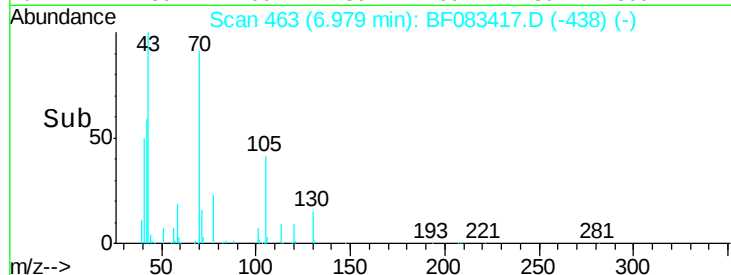
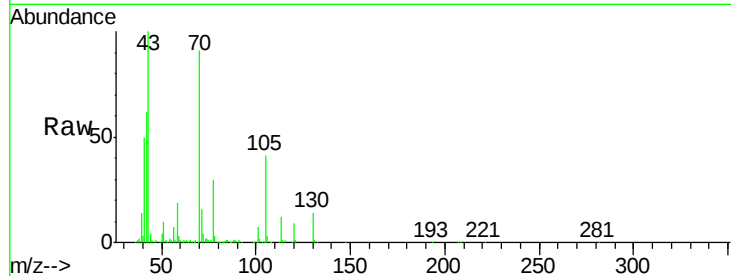
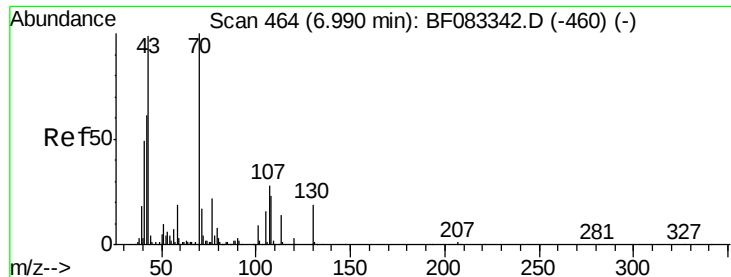
Abundance

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





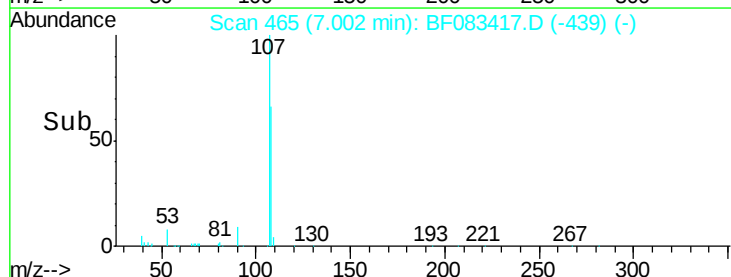
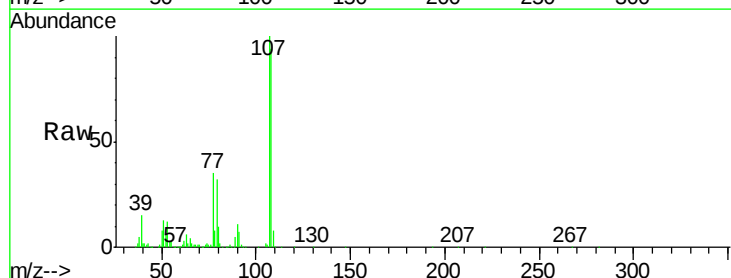
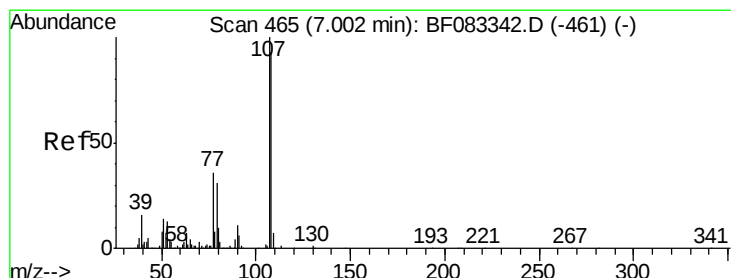
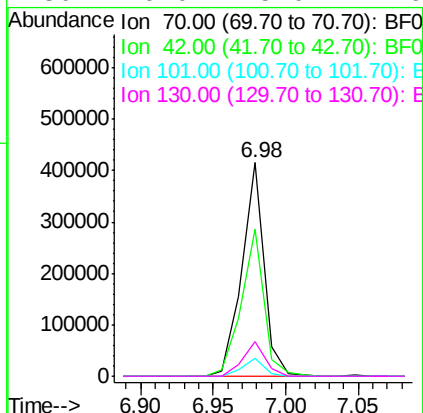
#19
n-Nitroso-di-n-propylamine
Concen: 47.55 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Manual Integrations
APPROVED

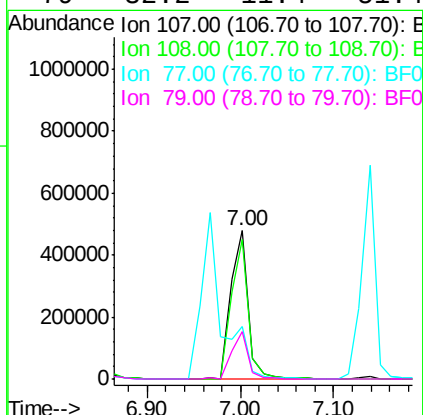
Mmdadoda
12/3/2015 7:09:29 PM

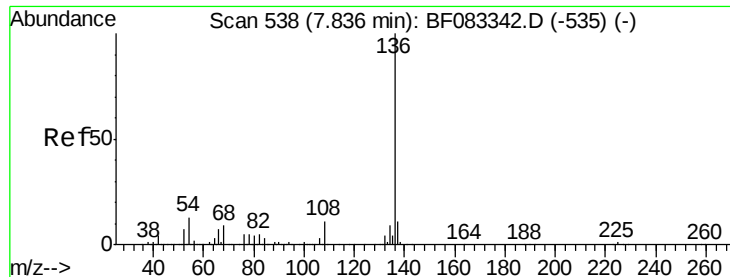
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.7	48.8	73.2	
101	8.3	7.1	10.7	
130	16.0	15.0	22.6	



#20
3+4-Methylphenols
Concen: 52.42 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.2	73.0	113.0	
77	35.1	16.8	56.8	
79	32.2	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: BF083417.D

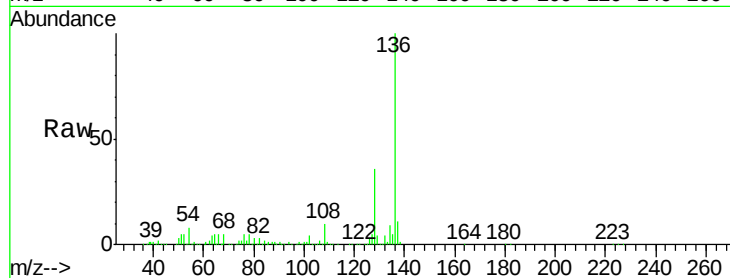
Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD



Tot Ion:136 Resp: 574821

Ion Ratio Lower Upper

136 100

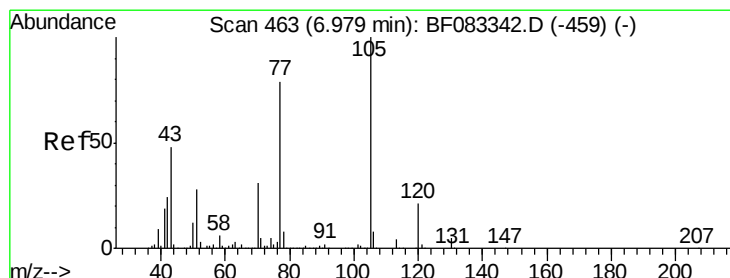
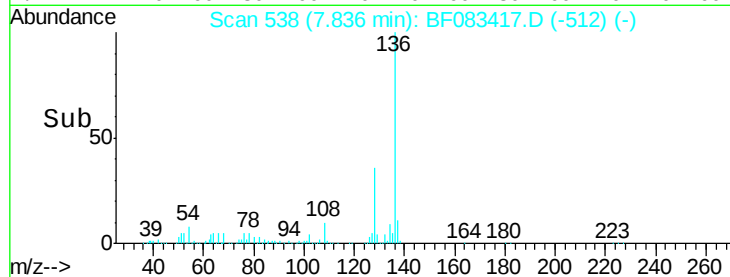
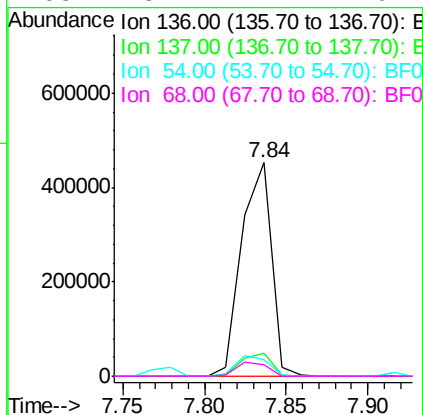
137 10.8 9.0 13.4

54 7.8 10.1 15.1#

68 5.4 7.1 10.7#

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#22

Acetophenone

Concen: 45.50 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:105 Resp: 782518

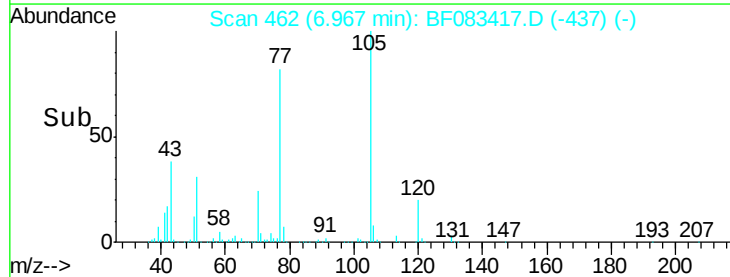
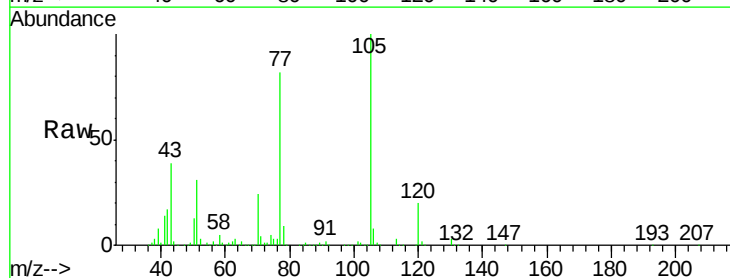
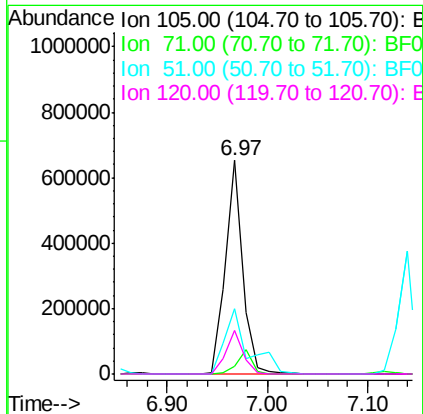
Ion Ratio Lower Upper

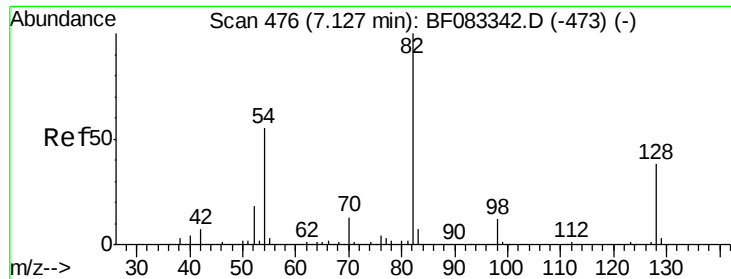
105 100

71 3.9 4.3 6.5#

51 30.6 22.9 34.3

120 20.4 16.7 25.1





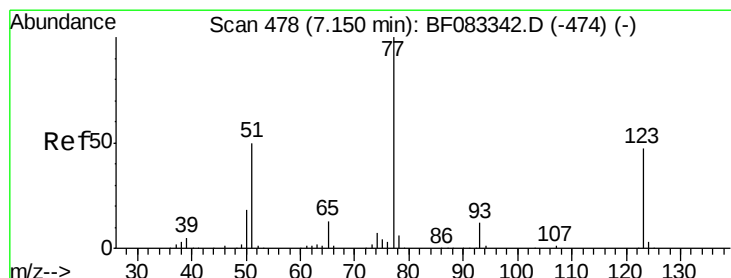
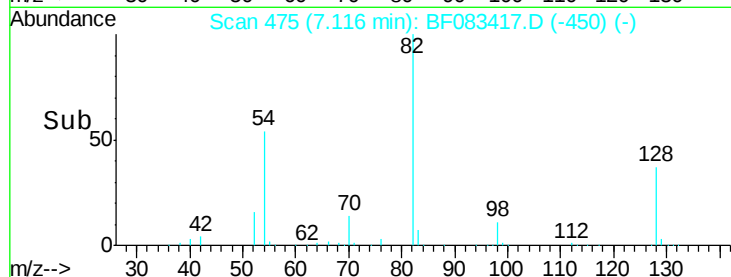
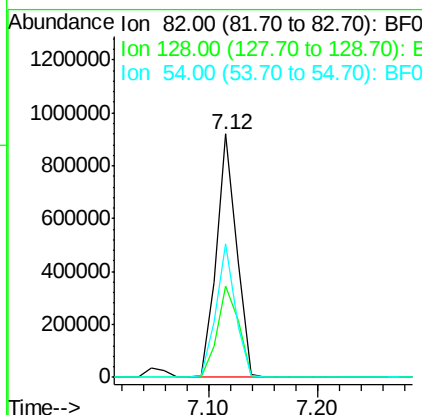
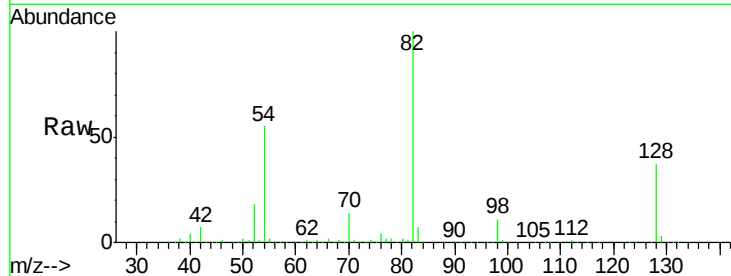
#23
 Nitrobenzene-d5
 Concen: 91.26 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	82	Resp	1193389
Ion Ratio	Lower	Upper	
82	100		
128	37.4	30.6	46.0
54	55.0	43.8	65.6

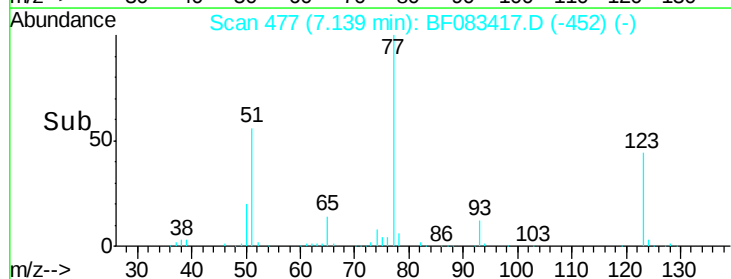
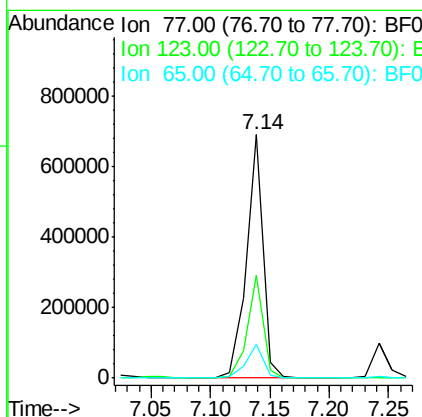
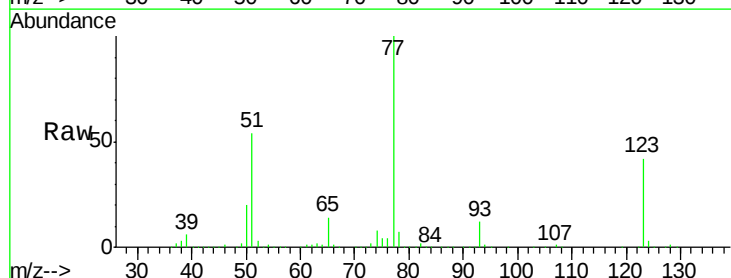
Manual Integrations
 APPROVED

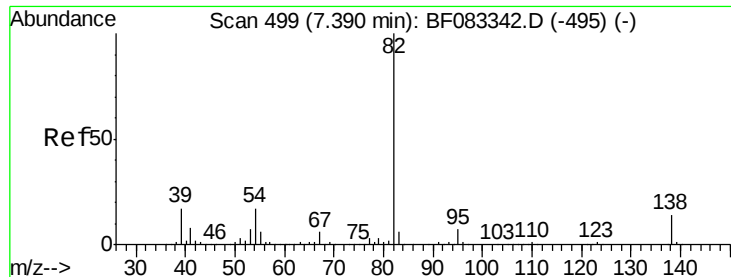
Mmdadoda
 12/3/2015 7:09:29 PM



#24
 Nitrobenzene
 Concen: 48.22 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	77	Resp	673343
Ion Ratio	Lower	Upper	
77	100		
123	42.4	37.4	56.0
65	13.7	10.6	15.8





#25

Isophorone

Concen: 44.31 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

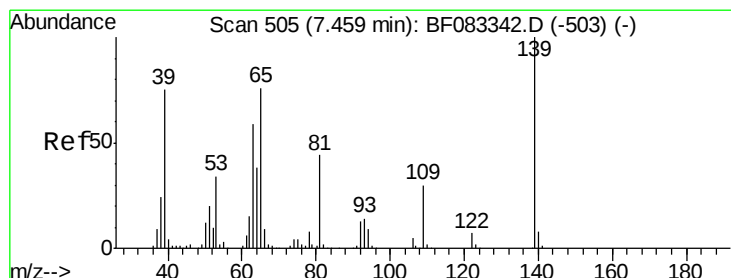
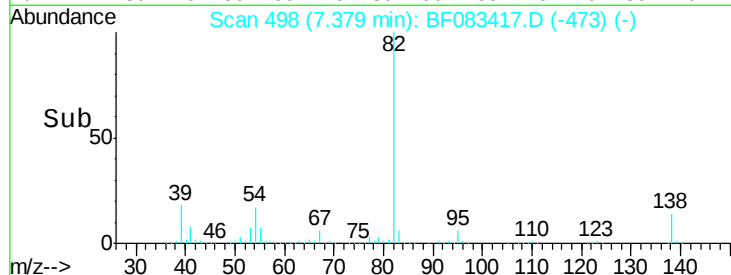
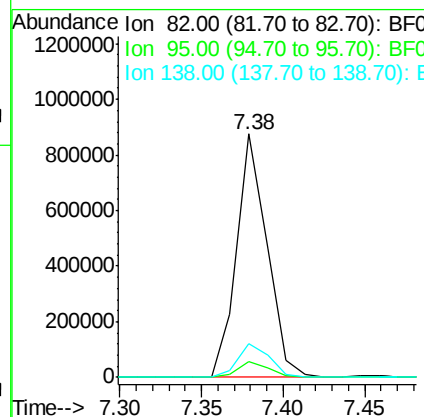
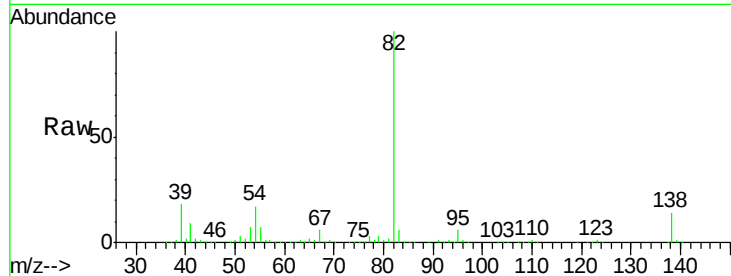
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	82	Resp:	1122461
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	13.8	11.6	17.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#26

2-Nitrophenol

Concen: 50.01 ng

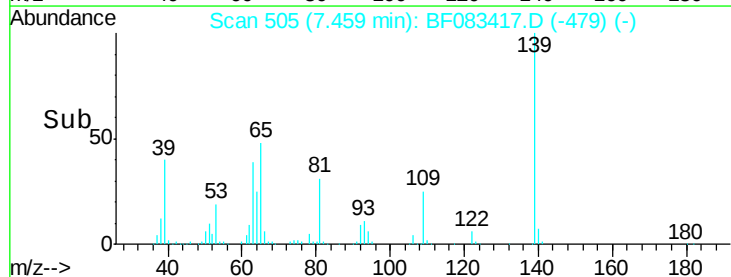
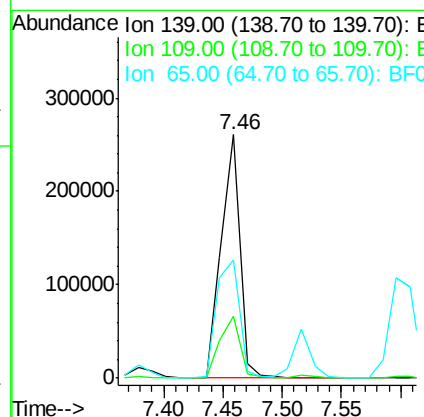
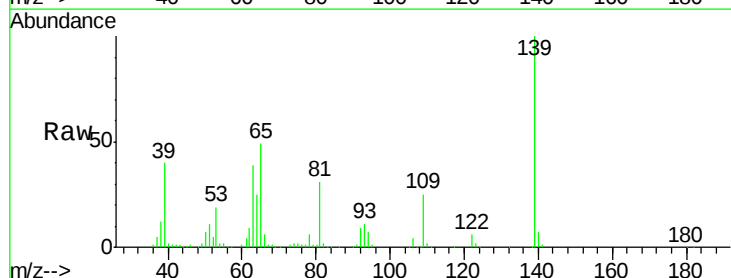
RT: 7.46 min Scan# 505

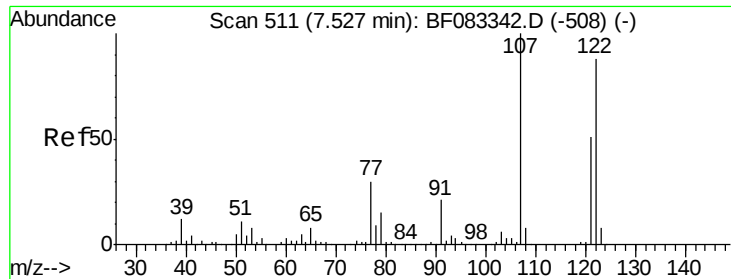
Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	139	Resp:	285060
Ion	Ratio	Lower	Upper
139	100		
109	25.2	24.2	36.4
65	48.6	61.0	91.6#





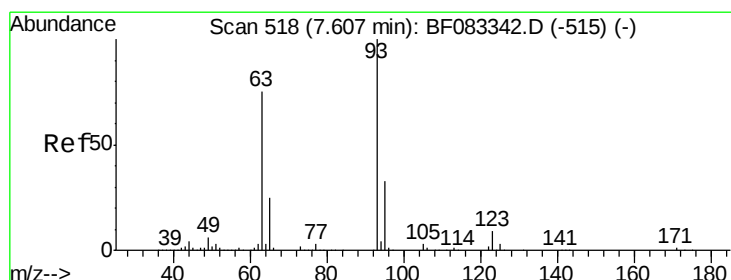
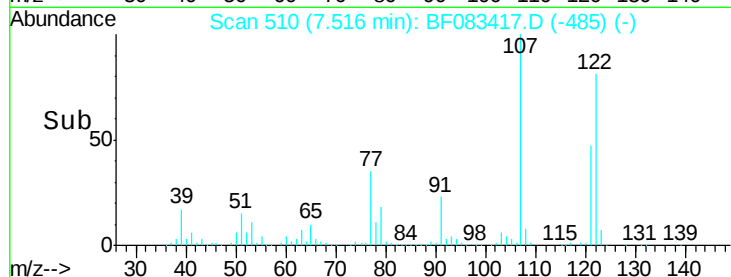
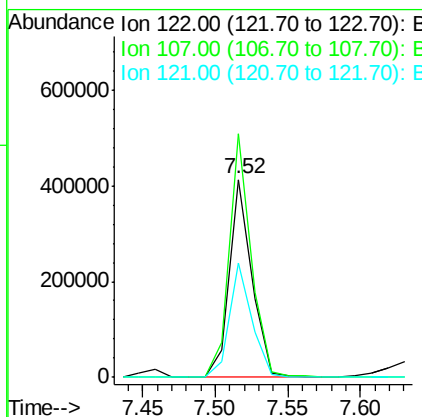
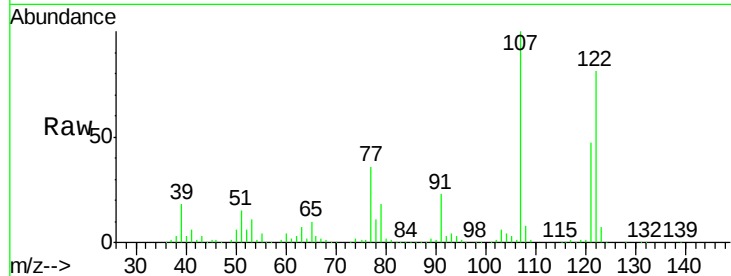
#27
 2,4-Dimethylphenol
 Concen: 46.66 ng
 RT: 7.52 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	445835		
107	122.9	91.2	136.8	
121	57.5	46.4	69.6	

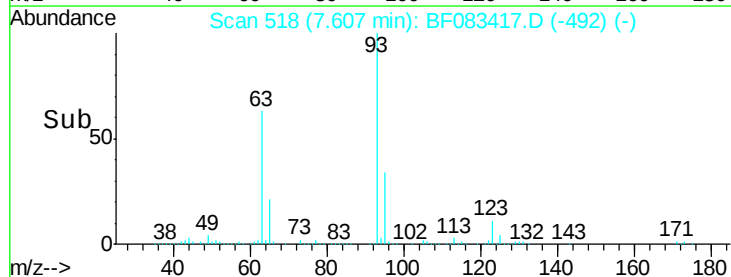
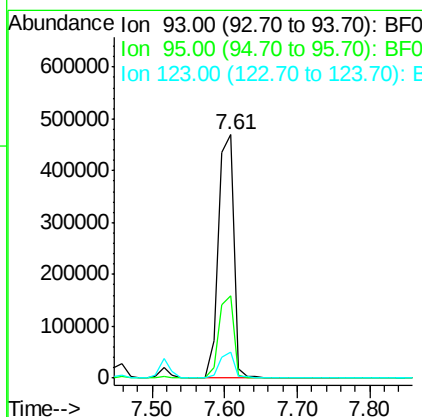
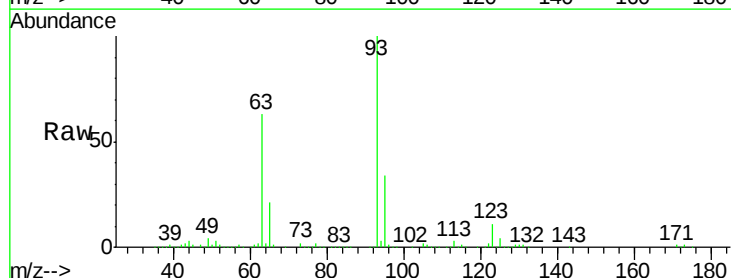
Manual Integrations
 APPROVED

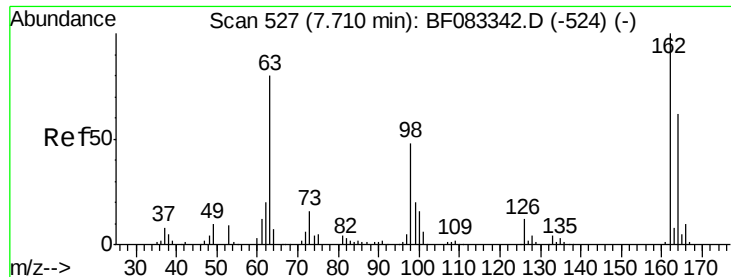
Mmdadoda
 12/3/2015 7:09:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.88 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	690575		
95	33.7	26.1	39.1	
123	10.8	7.4	11.0	





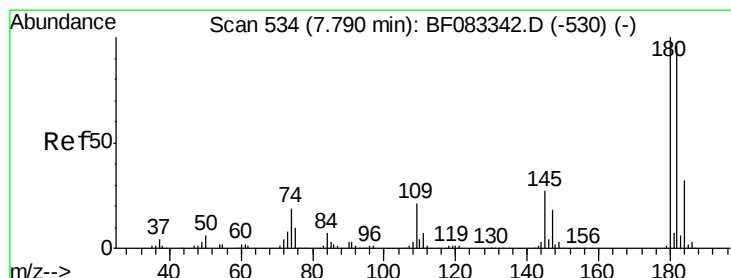
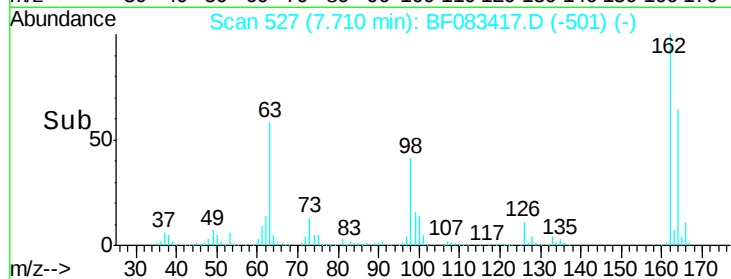
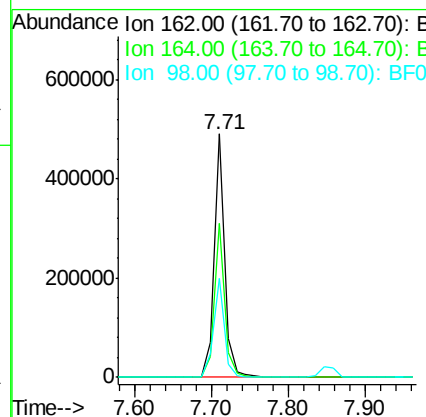
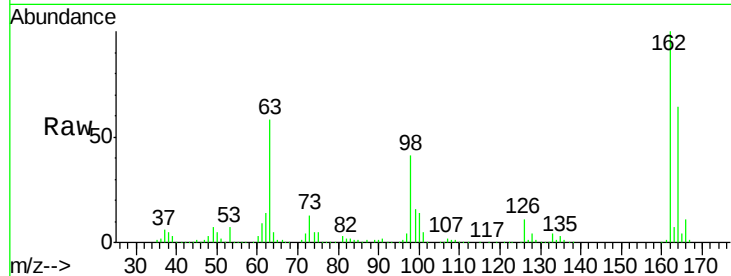
#29
 2,4-Dichlorophenol
 Concen: 49.62 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	456039		
164	63.5	41.9	81.9	
98	40.8	28.1	68.1	

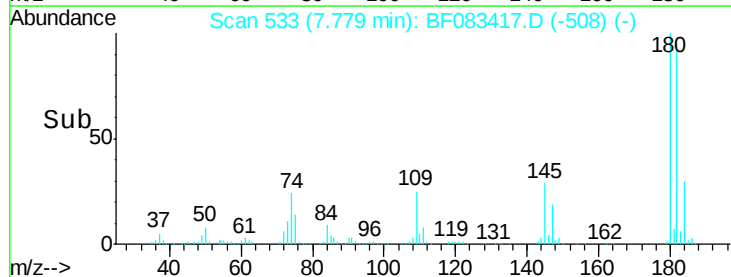
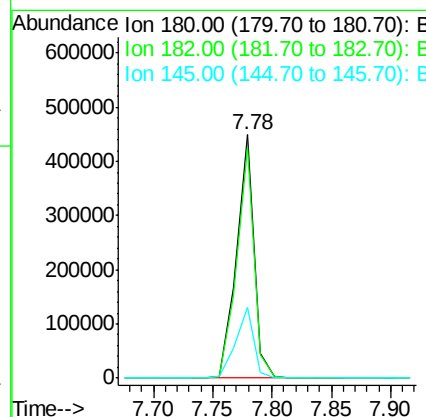
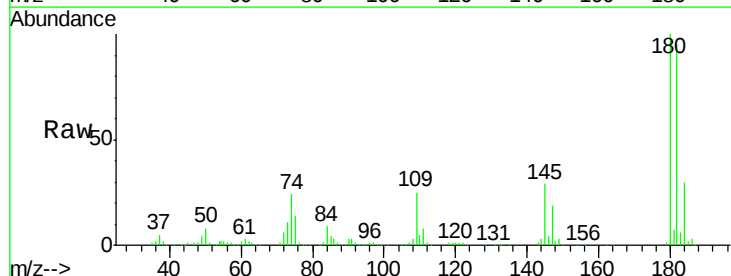
Manual Integrations
 APPROVED

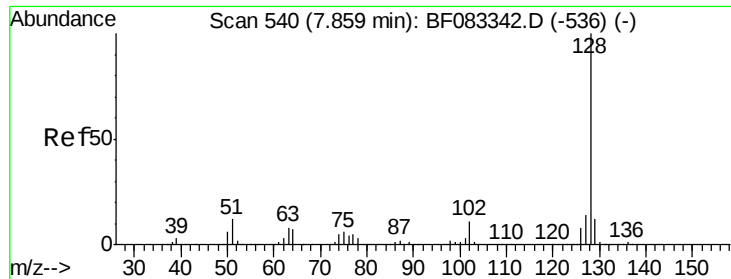
Mmdadoda
 12/3/2015 7:09:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.84 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	458568		
182	94.8	77.2	115.8	
145	29.1	21.4	32.2	





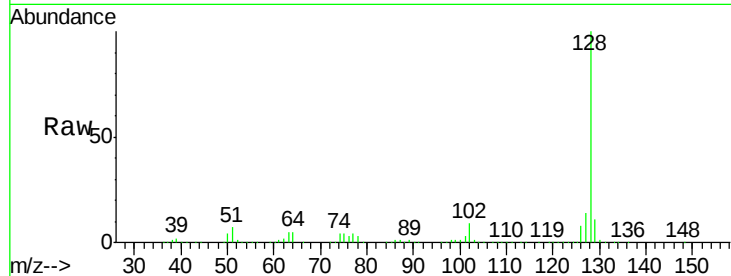
#31
Naphthalene
Concen: 62.36 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

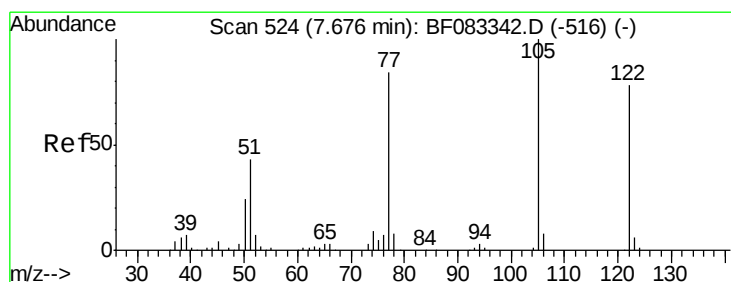
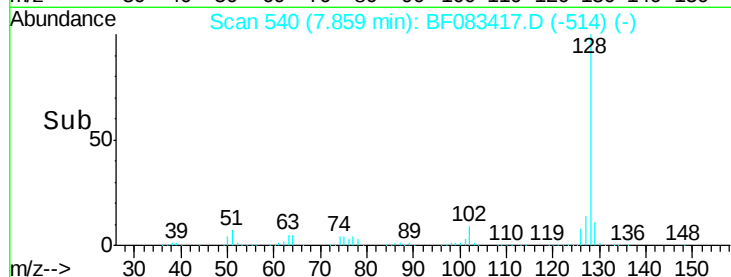
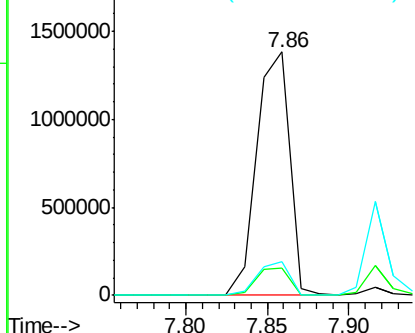
Tot Ion:128 Resp: 1945030
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.6 11.0 16.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM

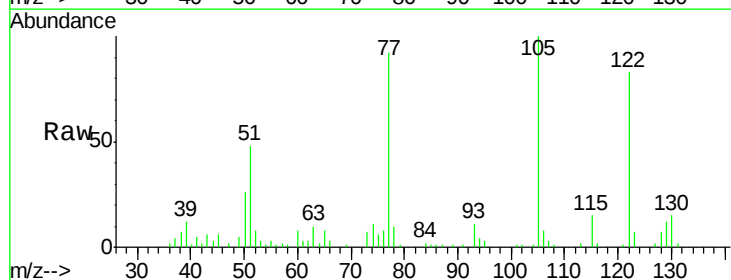


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

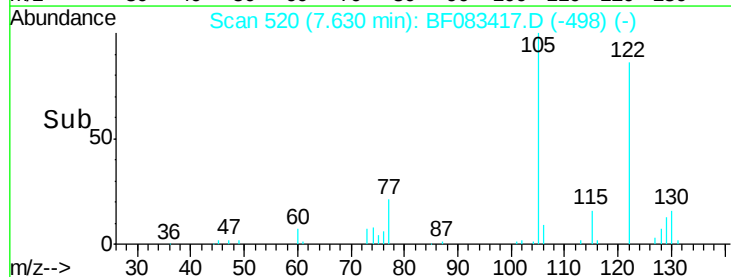
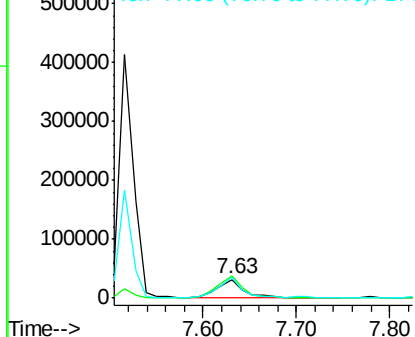


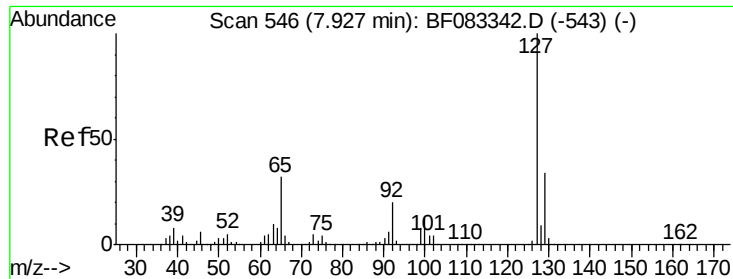
#32
Benzoic acid
Concen: 9.16 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:122 Resp: 60395
Ion Ratio Lower Upper
122 100
105 120.5 106.0 146.0
77 111.0 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





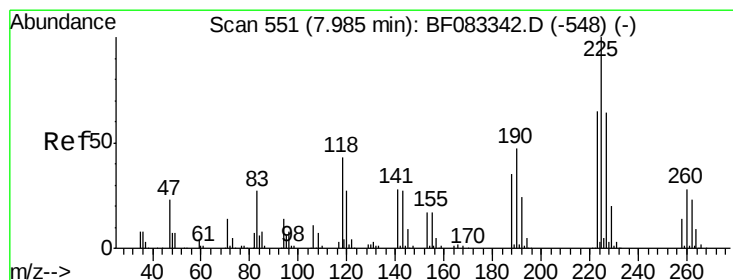
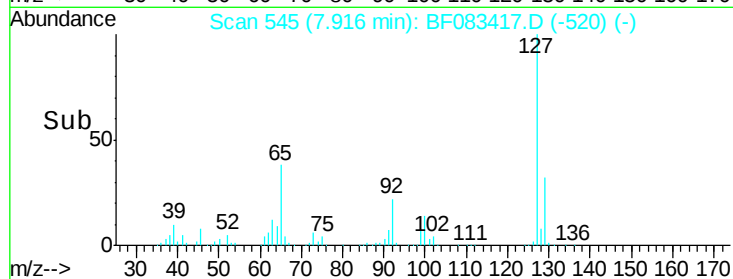
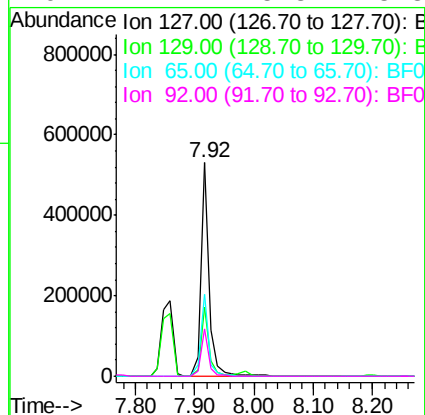
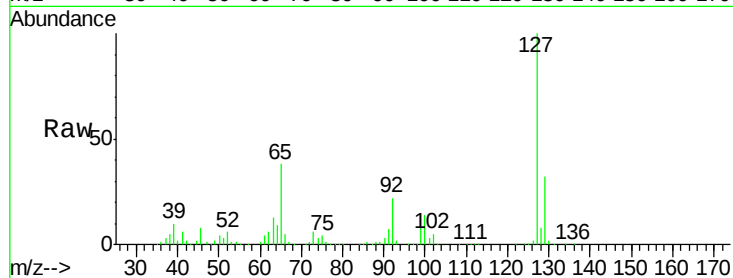
#33
4-Chloroaniline
Concen: 38.37 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	27.0	40.4		
65	38.3	25.9	38.9		
92	22.1	15.8	23.8		

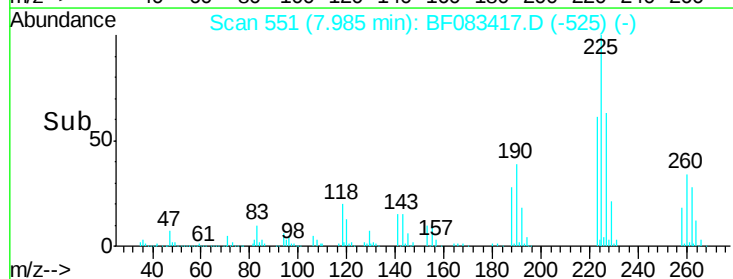
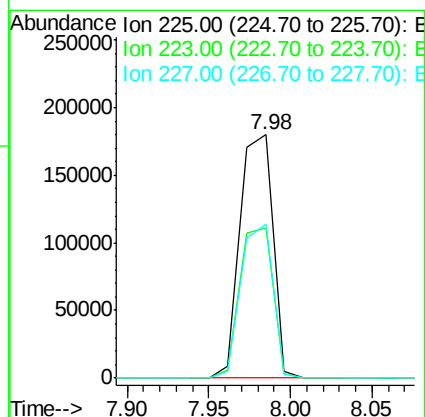
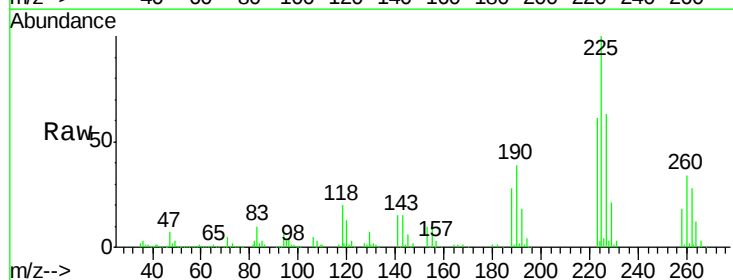
Manual Integrations
APPROVED

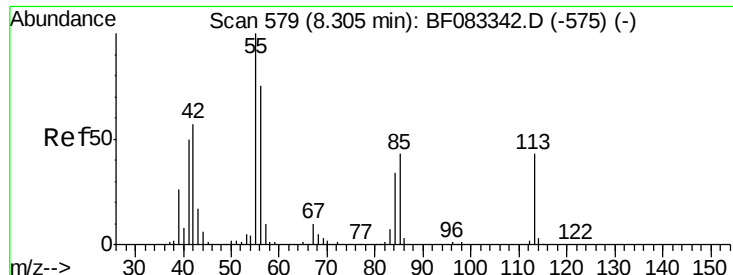
Mmdadoda
12/3/2015 7:09:29 PM



#34
Hexachlorobutadiene
Concen: 44.15 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	52.0	78.0		
227	63.4	51.1	76.7		





#35

Caprolactam

Concen: 50.61 ng/ml

RT: 8.29 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

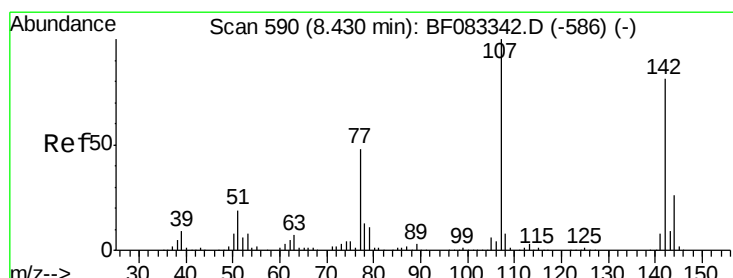
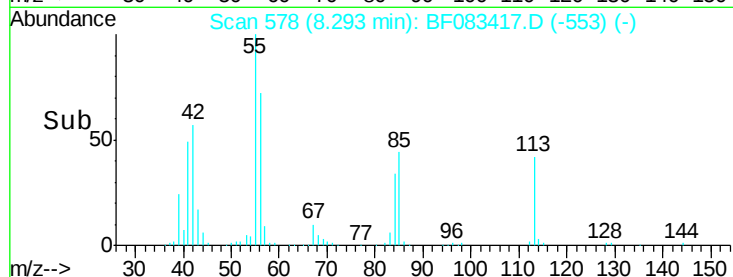
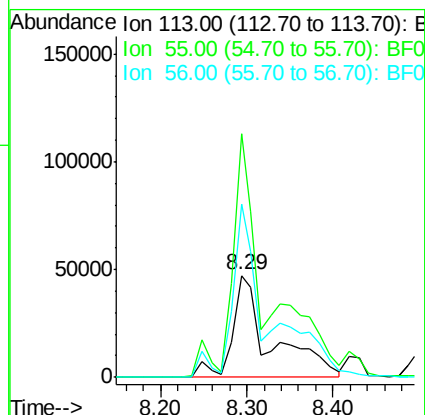
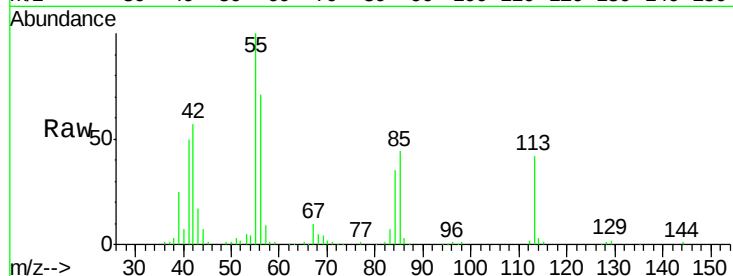
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	113	Resp:	146949
Ion Ratio	Lower	Upper	
113	100		
55	239.1	211.6	251.6
56	170.7	153.0	193.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#36

4-Chloro-3-methylphenol

Concen: 47.69 ng/ml

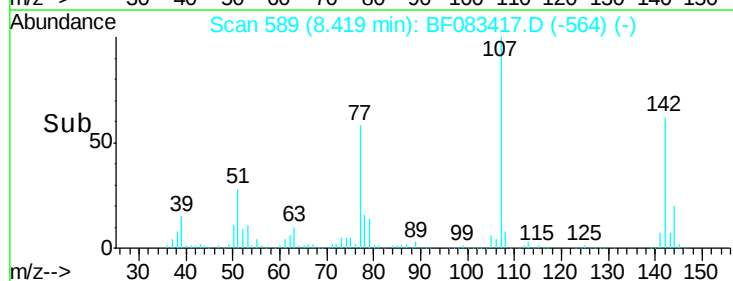
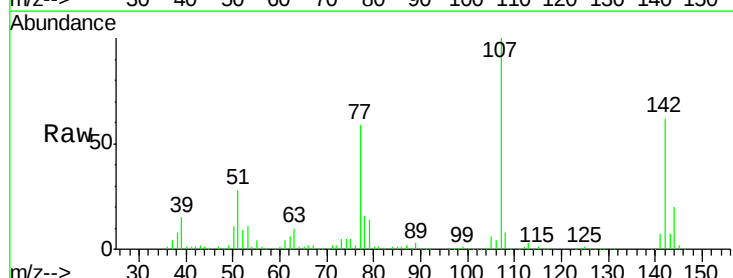
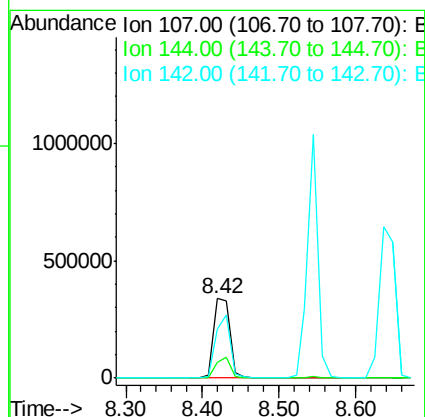
RT: 8.42 min Scan# 589

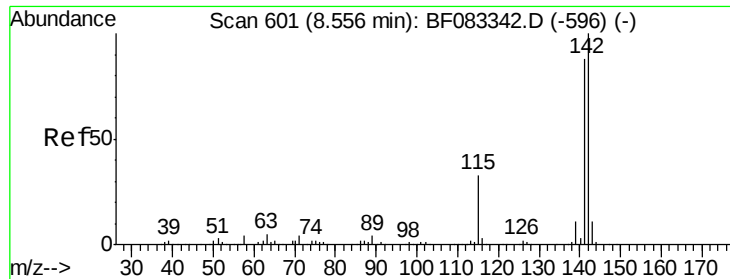
Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	107	Resp:	491624
Ion Ratio	Lower	Upper	
107	100		
144	20.1	21.1	31.7#
142	62.2	65.1	97.7#





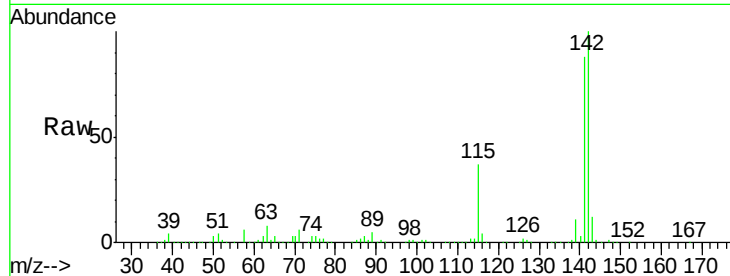
#37
2-Methylnaphthalene
Concen: 47.36 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

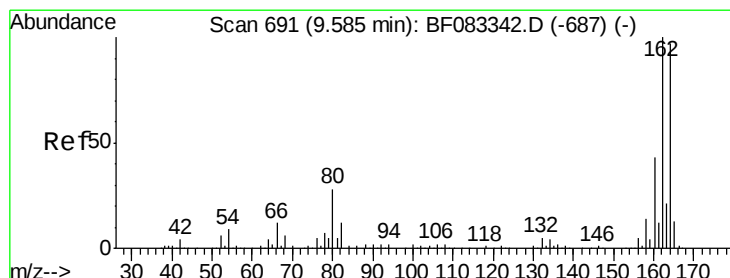
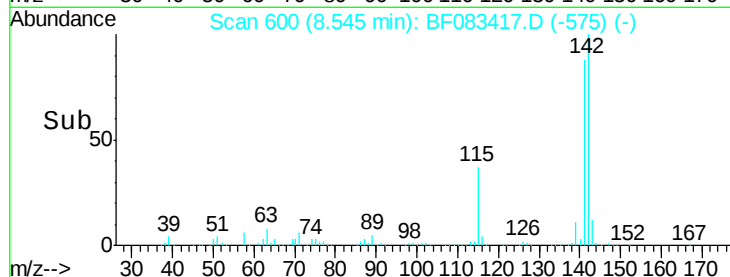
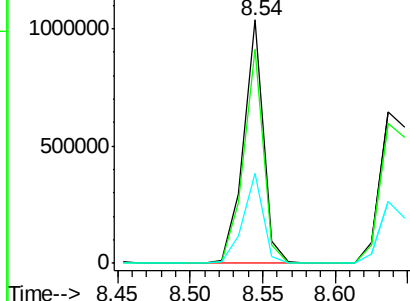
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	37.0	26.2	39.2

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



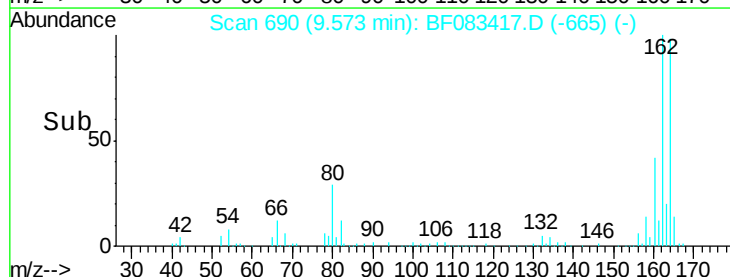
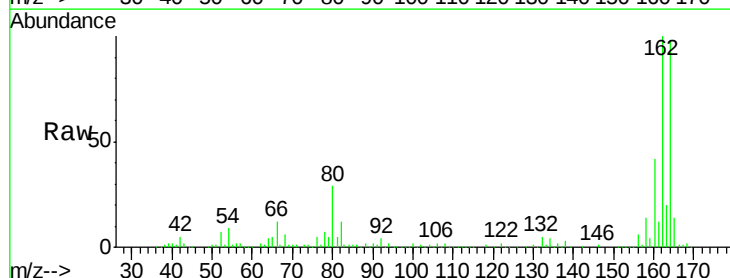
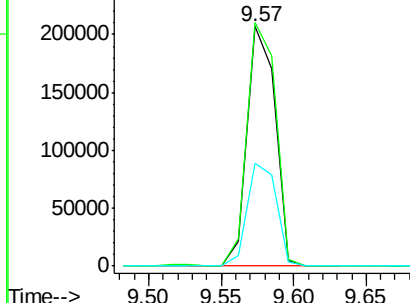
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

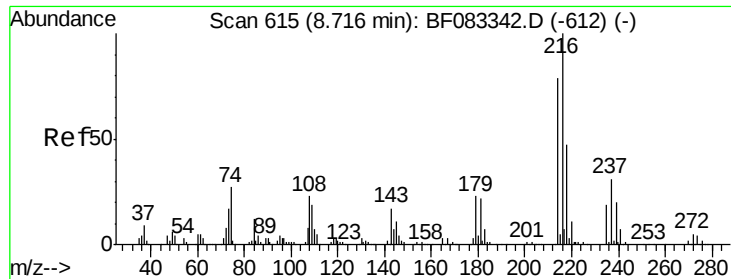


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.0	35.3	52.9

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





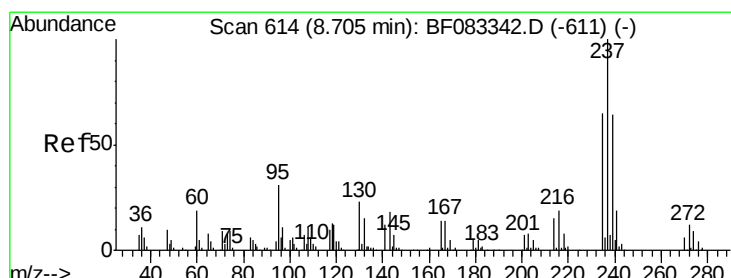
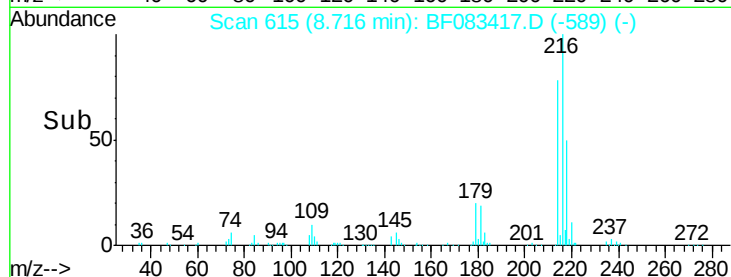
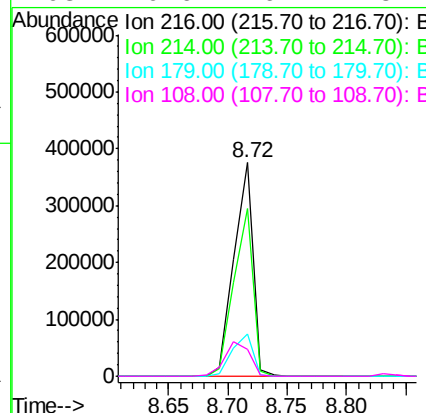
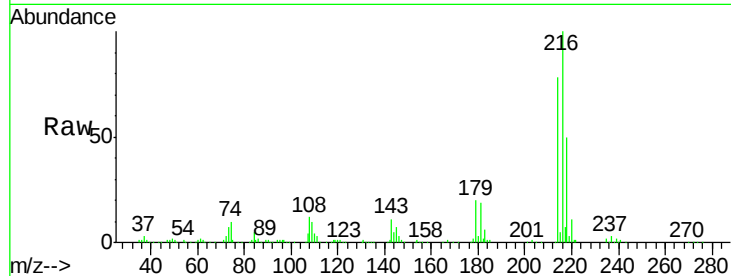
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.63 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion:	216	Resp:	419070
Ion Ratio		Lower	Upper
216	100		
214	79.1	62.3	93.5
179	21.3	17.0	25.4
108	20.6	16.7	25.1

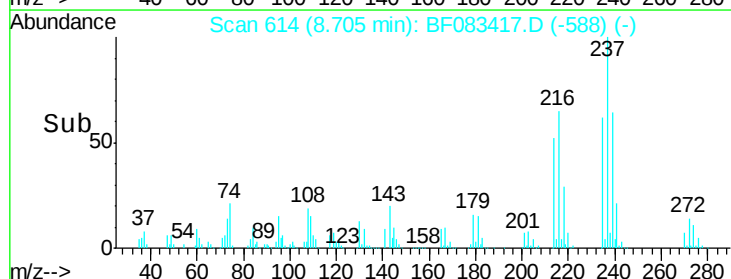
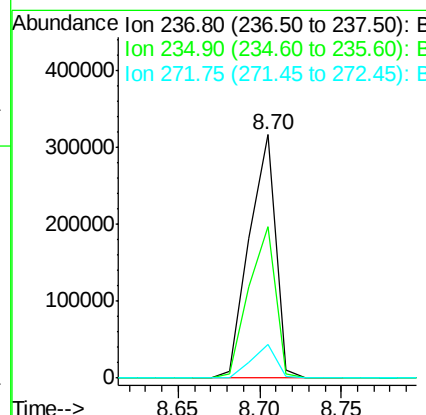
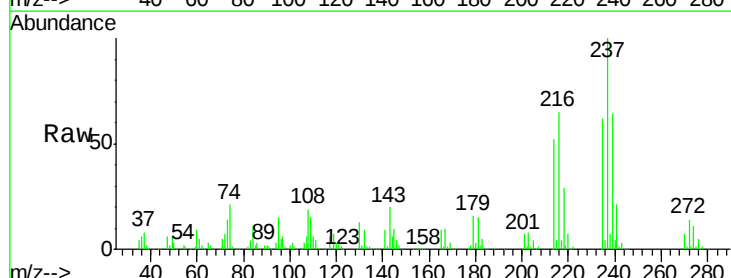
Manual Integrations
 APPROVED

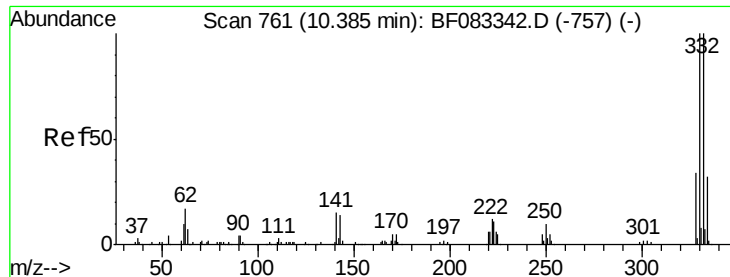
Mmdadoda
 12/3/2015 7:09:29 PM



#40
 Hexachlorocyclopentadiene
 Concen: 85.32 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:	237	Resp:	356603
Ion Ratio		Lower	Upper
237	100		
235	62.3	44.5	84.5
272	13.8	0.0	31.6





#41

2,4,6-Tribromophenol

Concen: 142.18 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

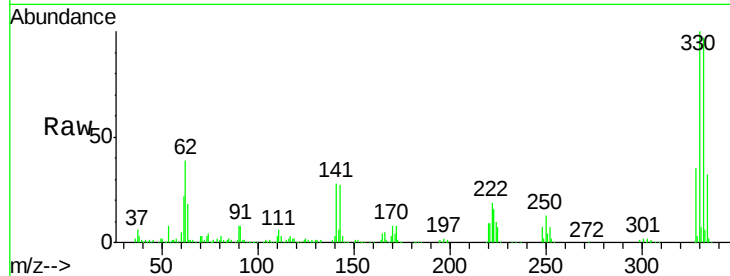
ClientSampleId :

SB-P3WC-07(8-14)MSD

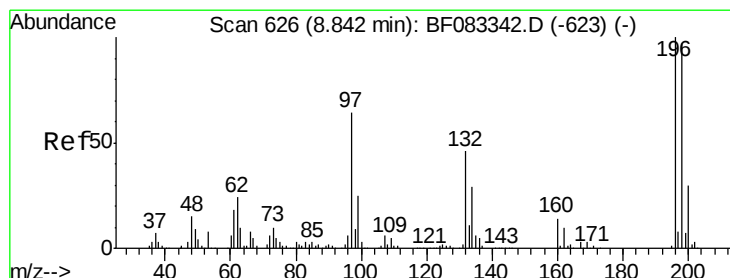
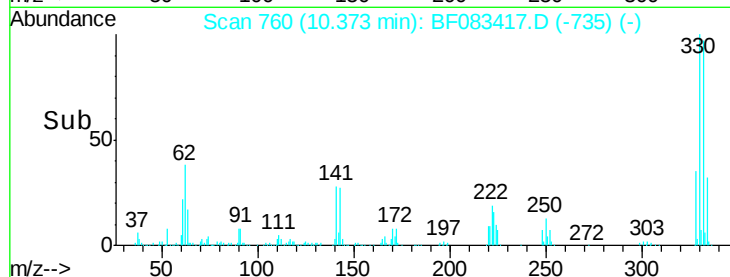
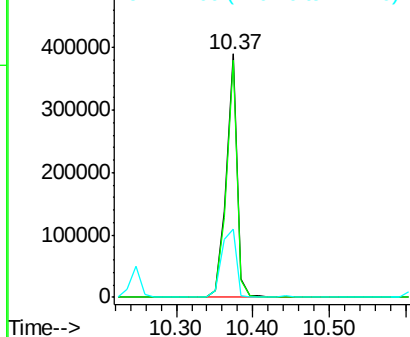
Tot Ion:	330	Resp:	396146
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.8	116.6
141	37.9	29.4	44.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 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: 48.31 ng

RT: 8.83 min Scan# 625

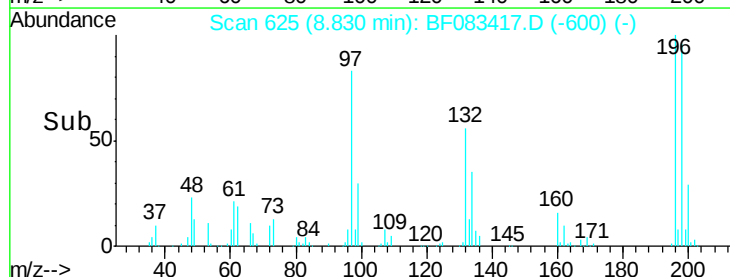
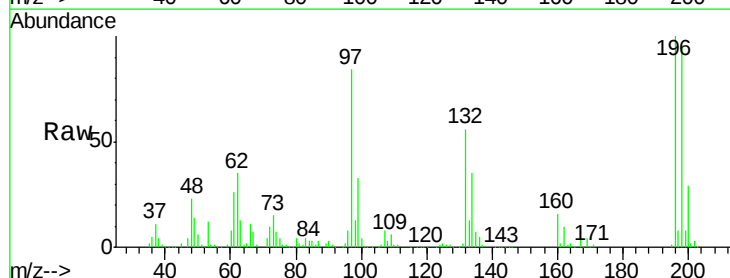
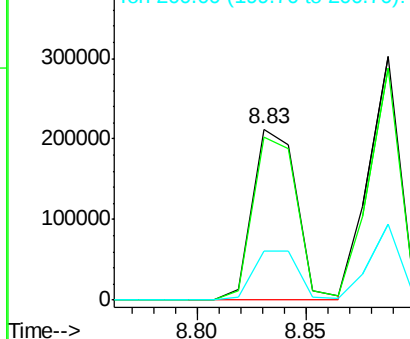
Delta R.T. -0.01 min

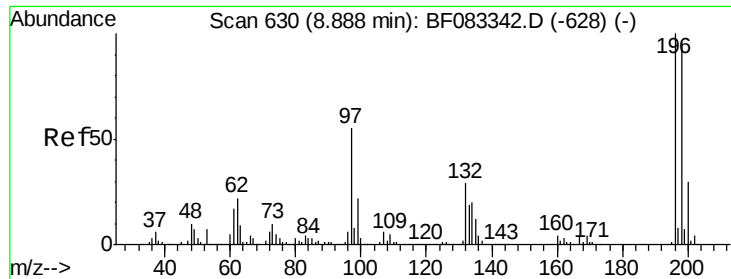
Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	196	Resp:	298134
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.2	115.8
200	28.7	24.2	36.4

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





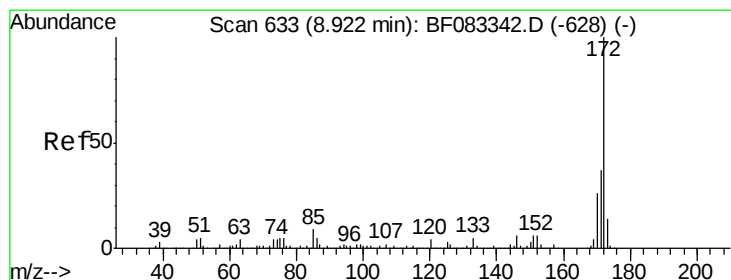
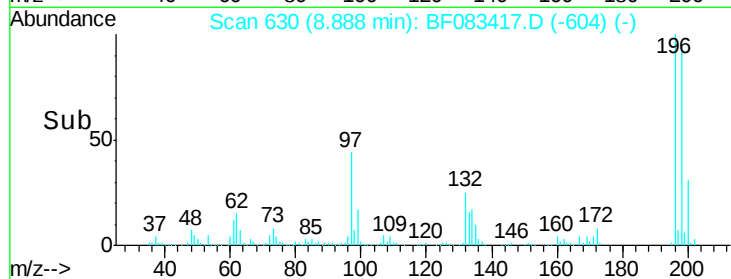
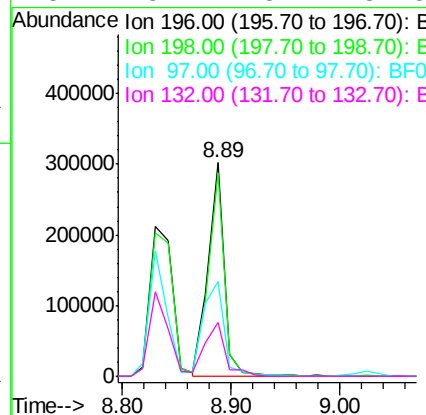
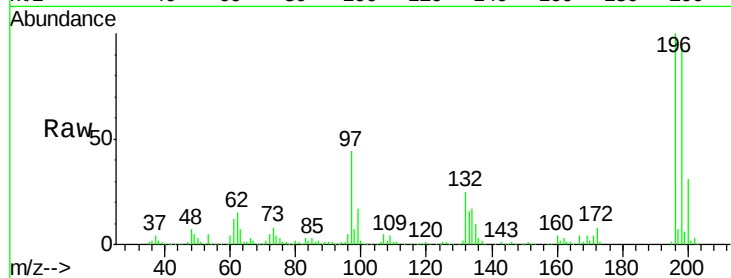
#43
 2,4,5-Trichlorophenol
 Concen: 49.57 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316967		
198	95.4	77.2	115.8	
97	44.1	44.4	66.6	
132	25.2	23.2	34.8	

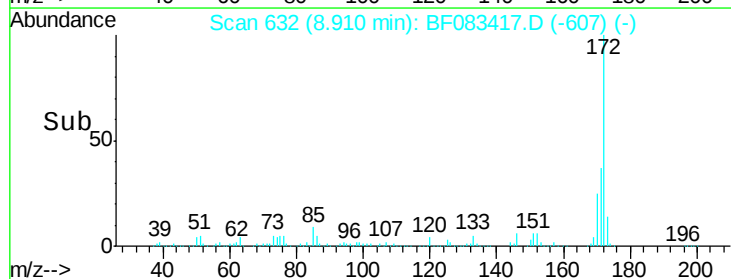
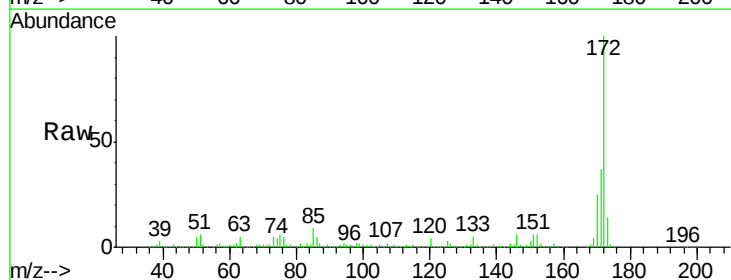
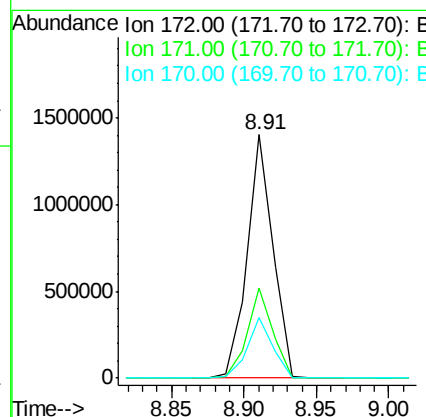
Manual Integrations
 APPROVED

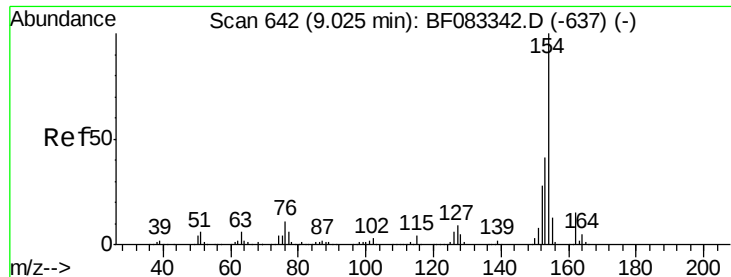
Mmdadoda
 12/3/2015 7:09:29 PM



#44
 2-Fluorobiphenyl
 Concen: 88.87 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1730856		
171	37.0	29.4	44.0	
170	24.8	20.4	30.6	





#45

1,1'-Biphenyl

Concen: 49.96 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:154 Resp: 1216048

Ion Ratio Lower Upper

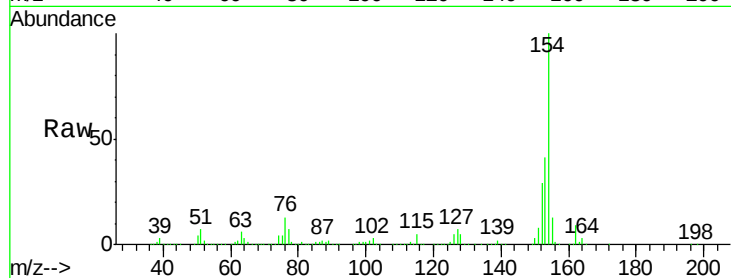
154 100

153 40.6 20.6 60.6

76 12.6 0.0 30.5

Manual Integrations
APPROVED

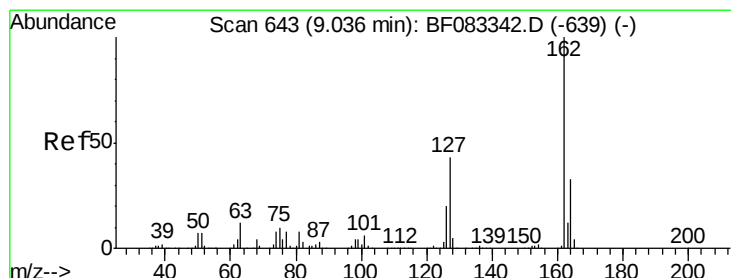
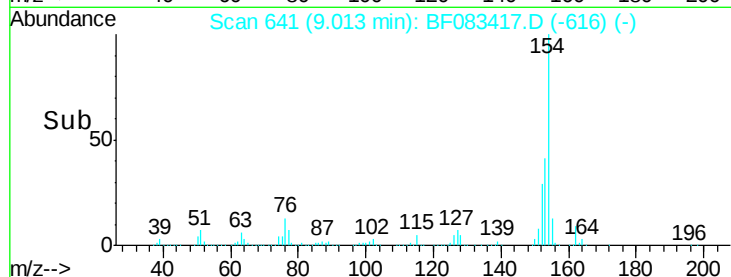
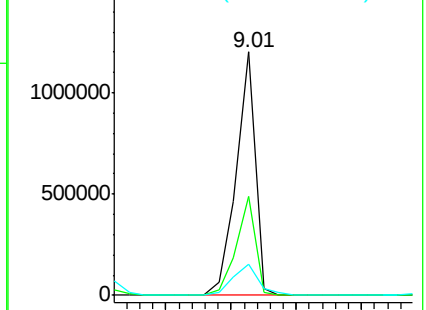
Mmdadoda
12/3/2015 7:09:29 PM



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: 46.99 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

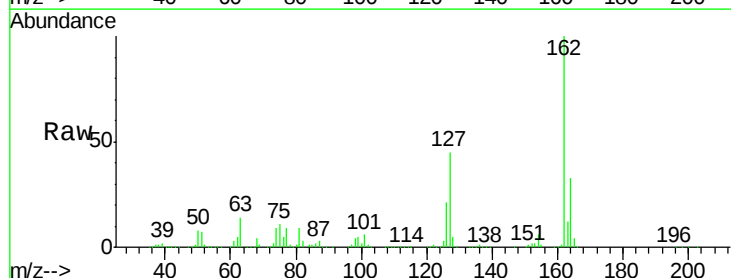
Tgt Ion:162 Resp: 871520

Ion Ratio Lower Upper

162 100

127 44.6 34.1 51.1

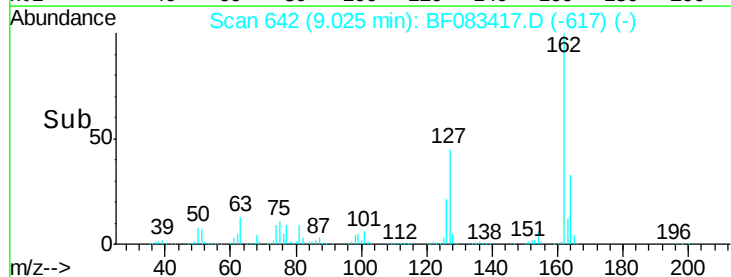
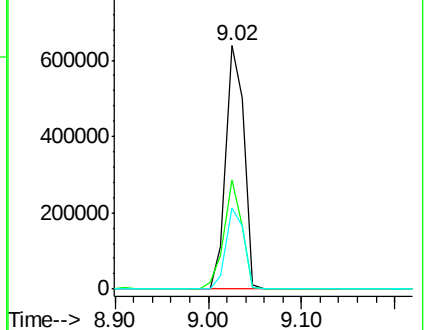
164 33.1 26.6 39.8

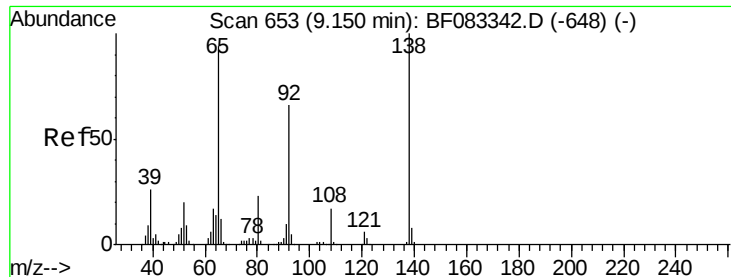


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





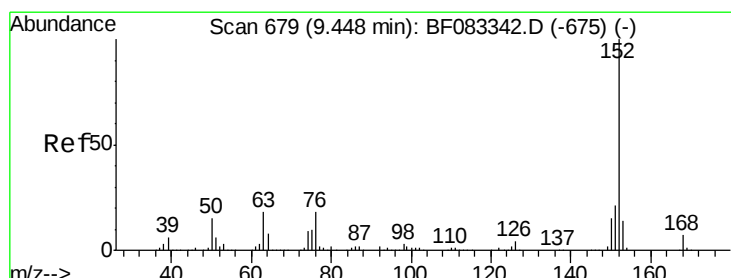
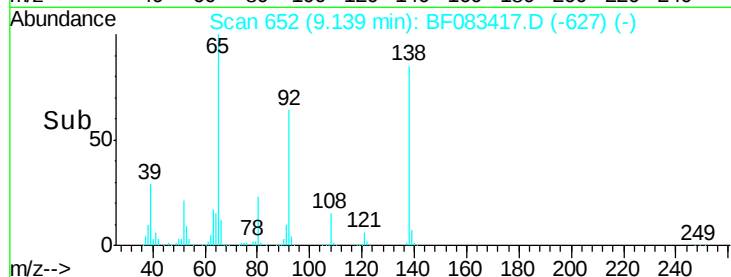
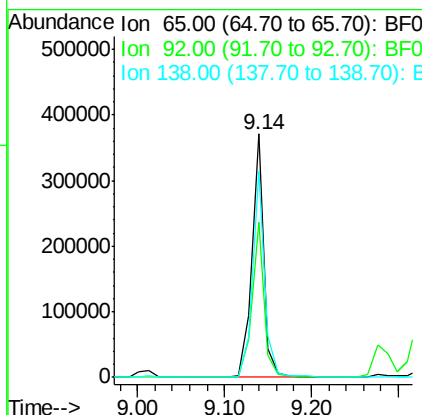
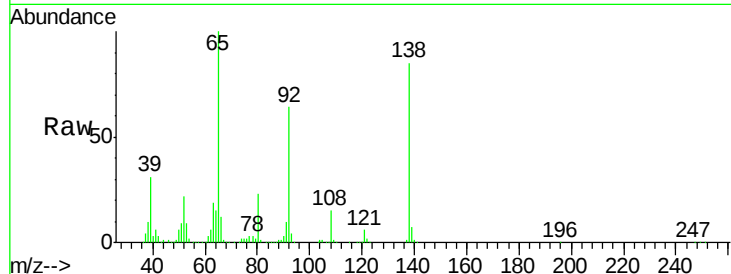
#47
2-Nitroaniline
Concen: 49.05 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	56.2	84.4
138	85.0	85.4	128.0

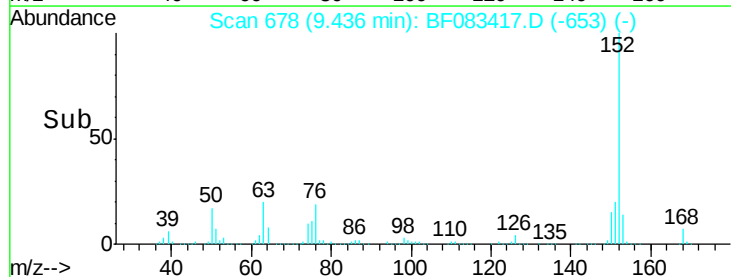
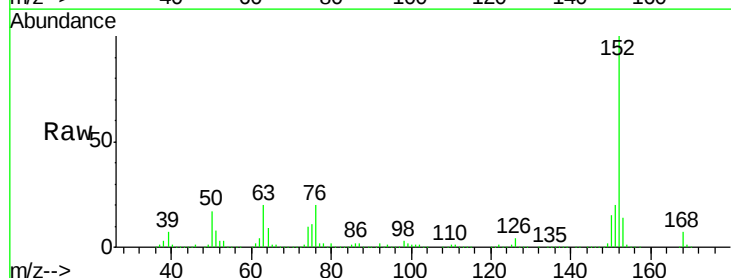
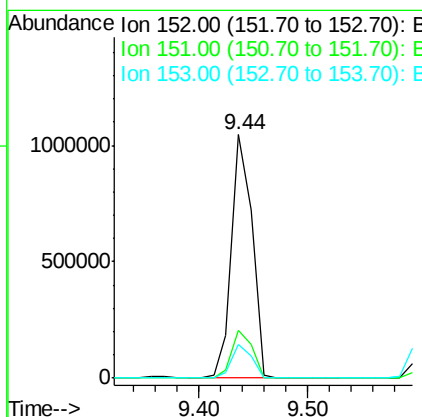
Manual Integrations
APPROVED

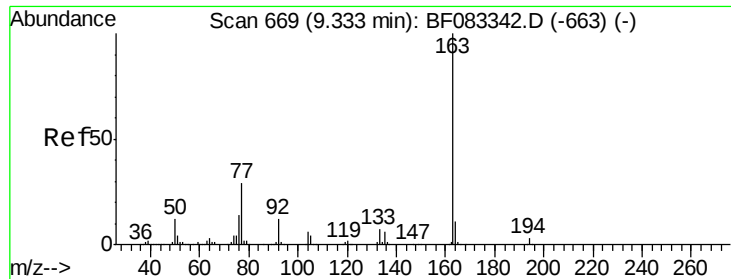
Mmdadoda
12/3/2015 7:09:29 PM



#48
Acenaphthylene
Concen: 45.91 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	13.7	11.2	16.8





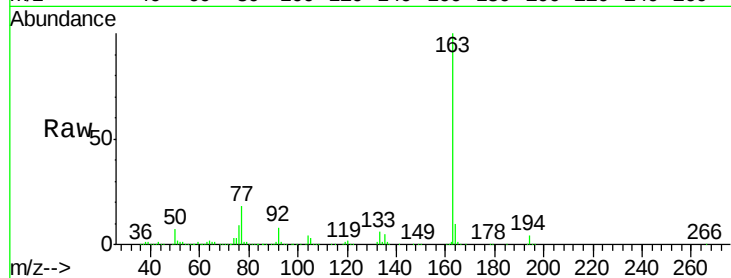
#49
Dimethylphthalate
Concen: 66.37 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

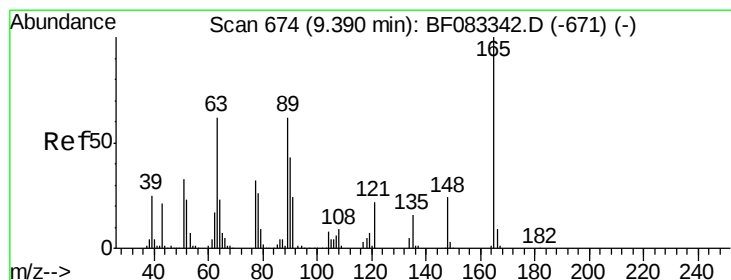
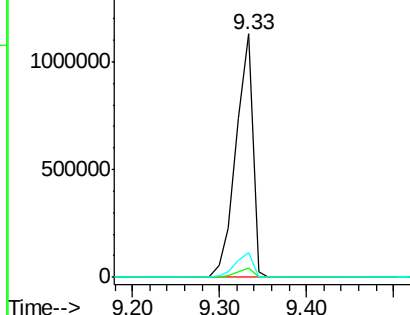
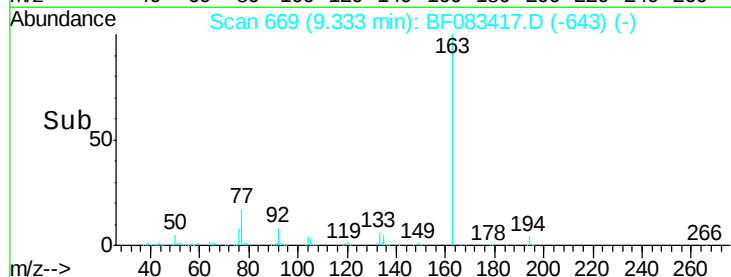
Tot Ion:163 Resp: 1497033
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.8 13.2

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM

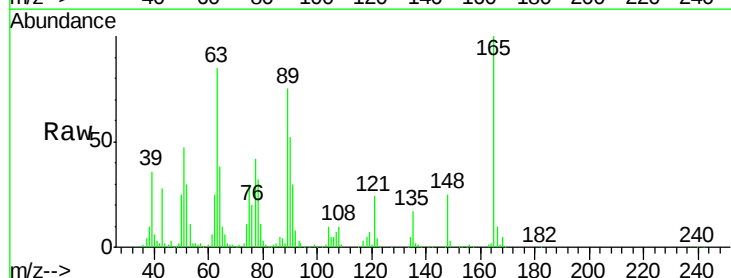


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

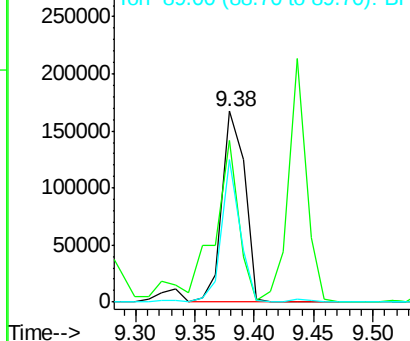
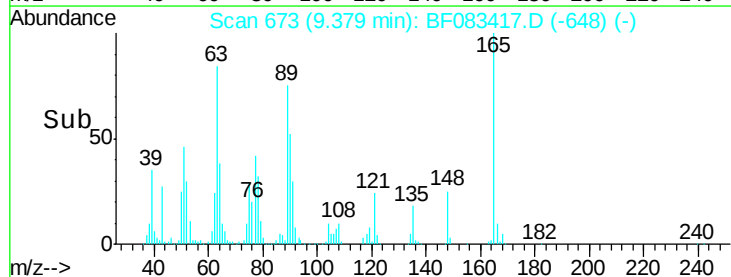


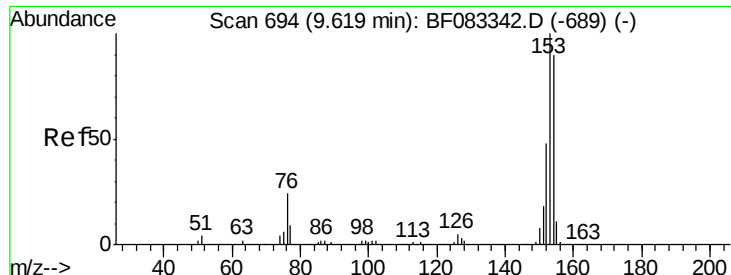
#50
2,6-Dinitrotoluene
Concen: 46.22 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:165 Resp: 222632
Ion Ratio Lower Upper
165 100
63 84.7 56.0 84.0#
89 75.0 49.8 74.8#



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





#51

Acenaphthene

Concen: 51.44 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

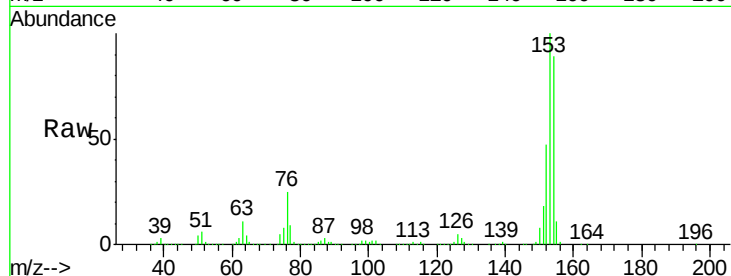
ClientSampleId :

SB-P3WC-07(8-14)MSD

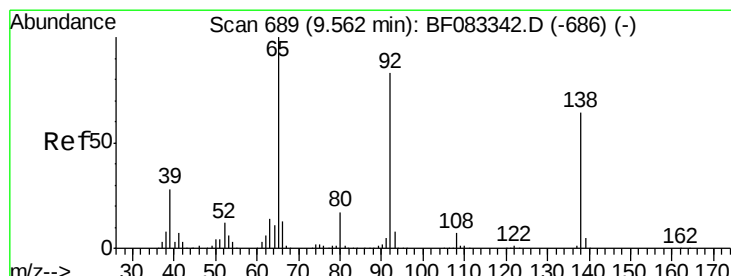
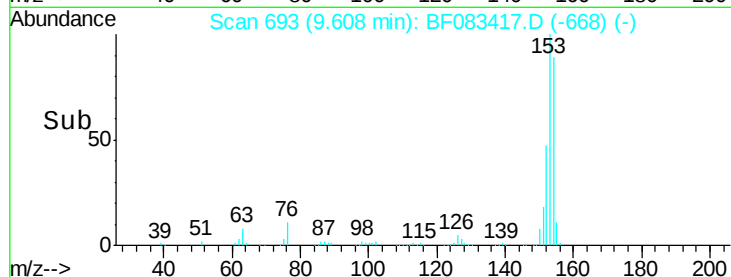
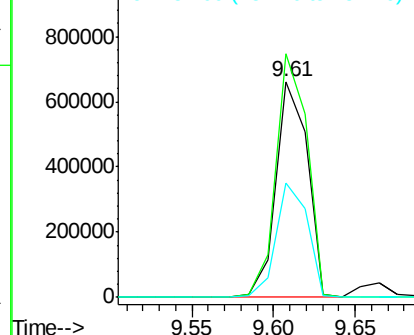
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.3	133.9
152	53.2	42.5	63.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



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



#52

3-Nitroaniline

Concen: 37.14 ng

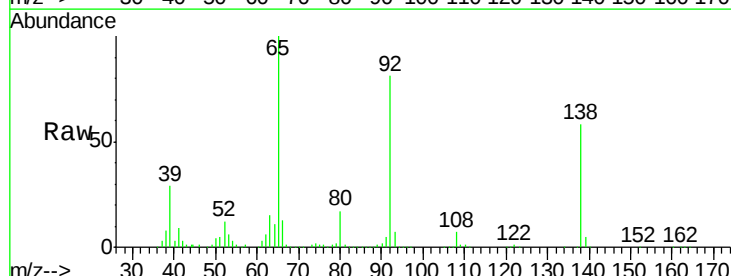
RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

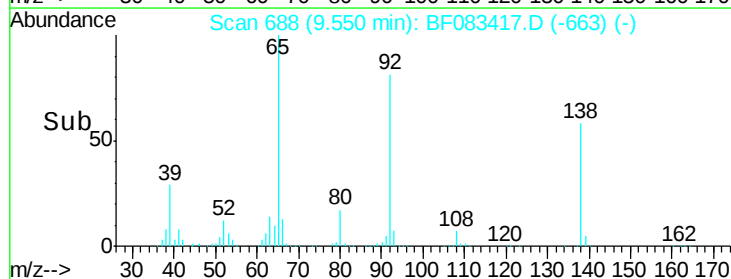
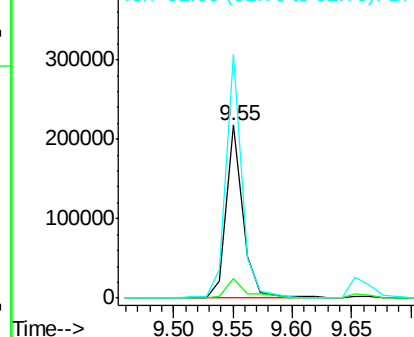
Lab File: BF083417.D

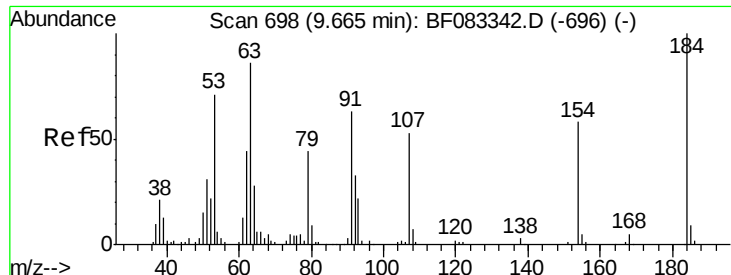
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.4	12.6
92	140.8	104.2	156.4



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





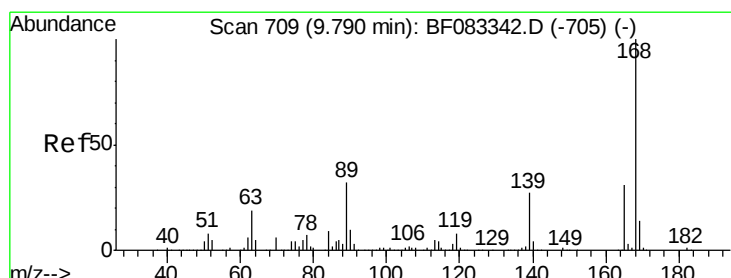
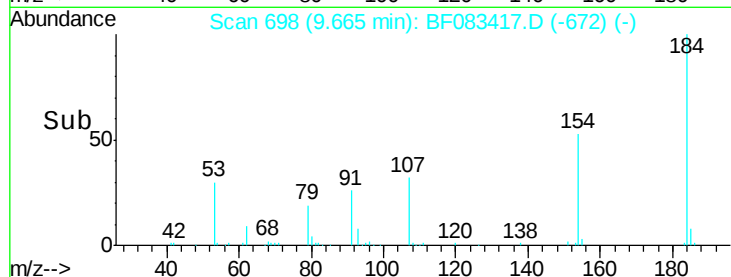
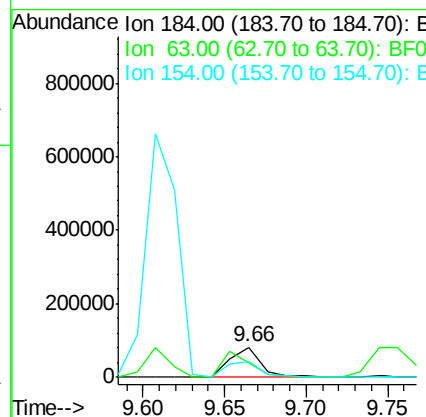
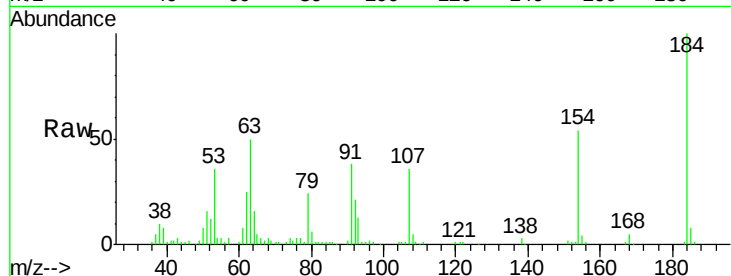
#53
 2,4-Dinitrophenol
 Concen: 41.45 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	109123		
63	49.6	69.0	103.6#	
154	53.5	50.0	75.0	

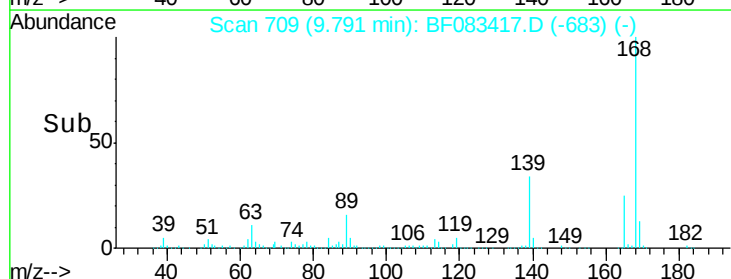
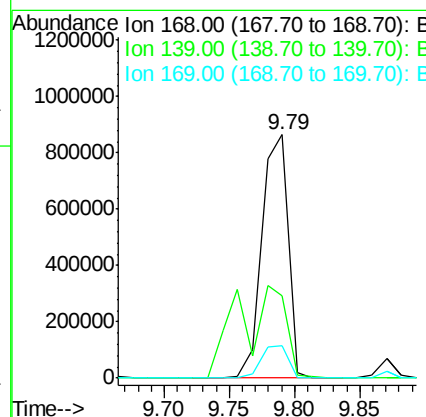
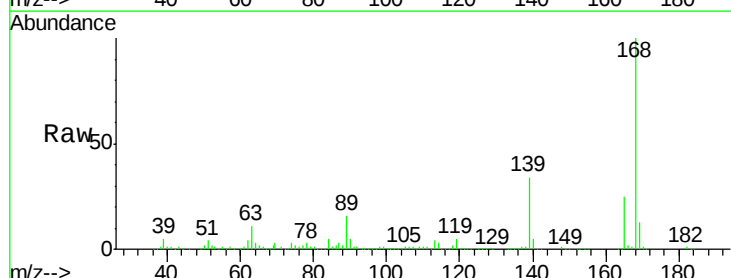
Manual Integrations
 APPROVED

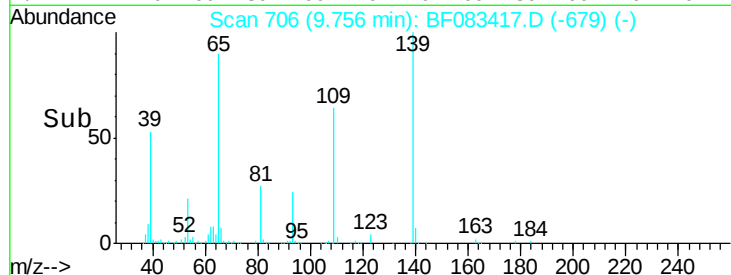
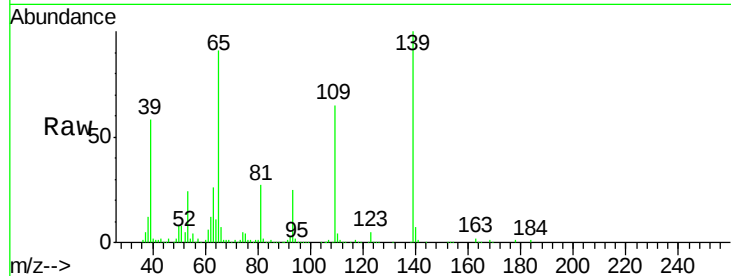
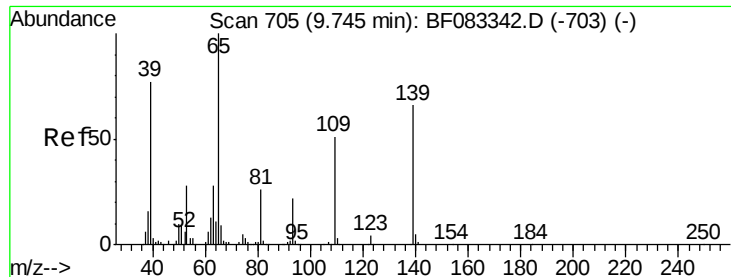
Mmdadoda
 12/3/2015 7:09:29 PM



#54
 Dibenzofuran
 Concen: 47.68 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1215932		
139	33.6	32.7	49.1	
169	13.3	11.1	16.7	





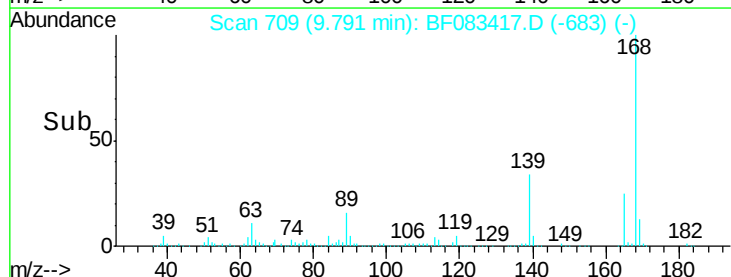
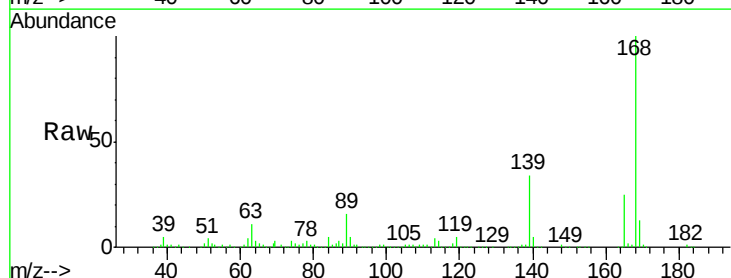
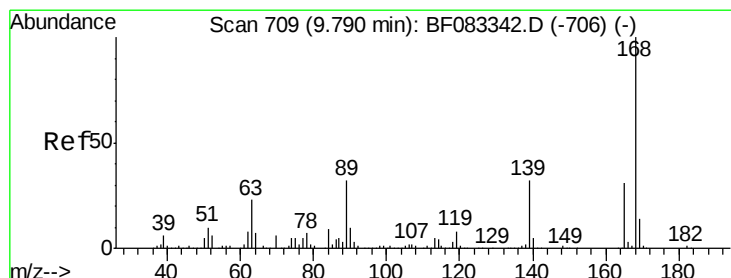
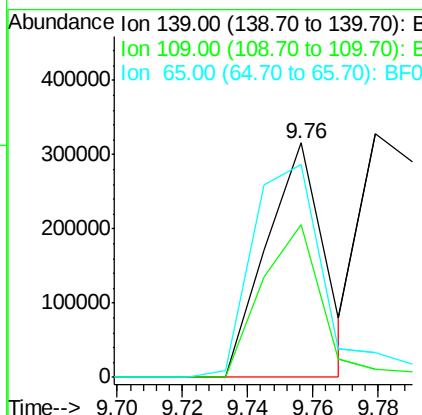
#55
4-Nitrophenol
Concen: 109.94 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.0	57.4	97.4	
65	90.9	131.6	171.6	

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

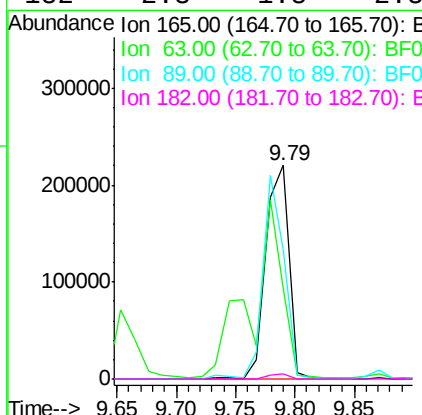
Manual Integrations
APPROVED

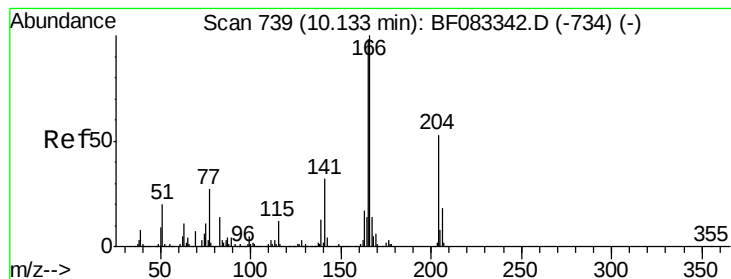
Mmdadoda
12/3/2015 7:09:29 PM



#56
2,4-Dinitrotoluene
Concen: 49.34 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.4	65.4	98.0	
89	60.8	81.2	121.8	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 45.42 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

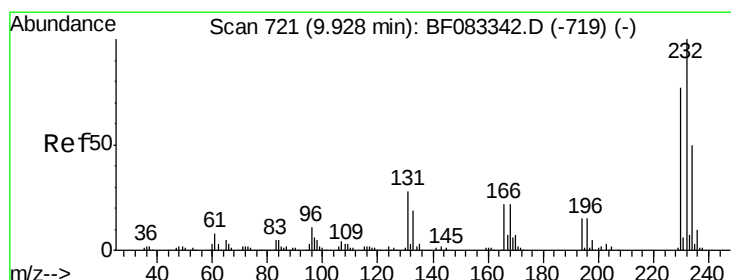
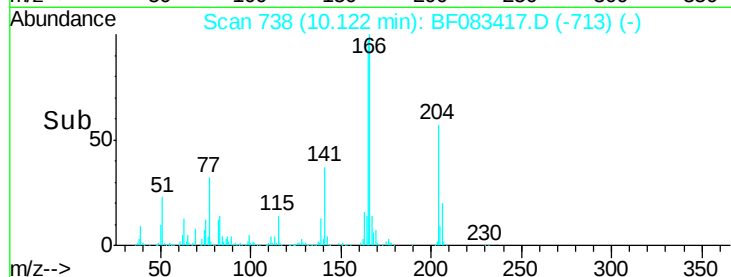
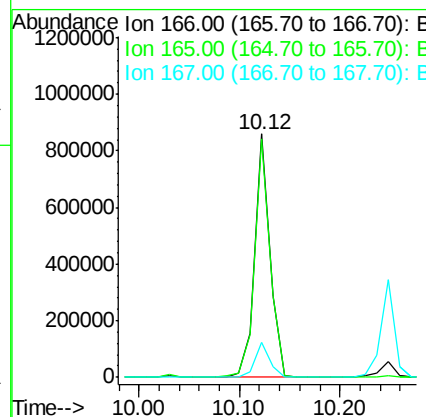
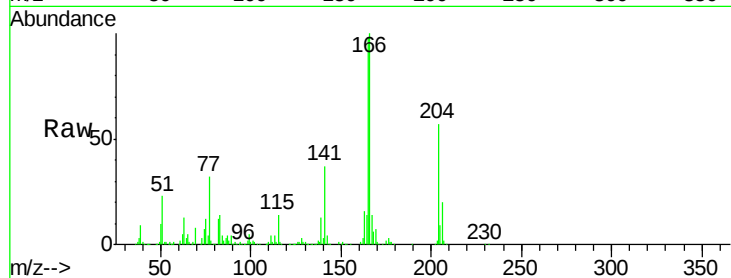
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	166	Resp:	914704
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.3	117.5
167	14.4	11.1	16.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.07 ng

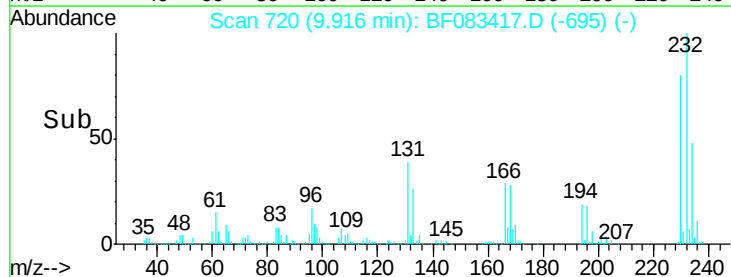
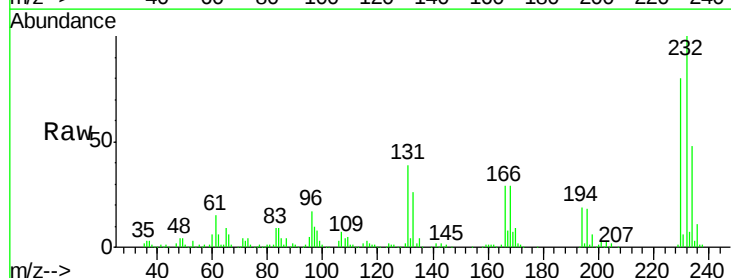
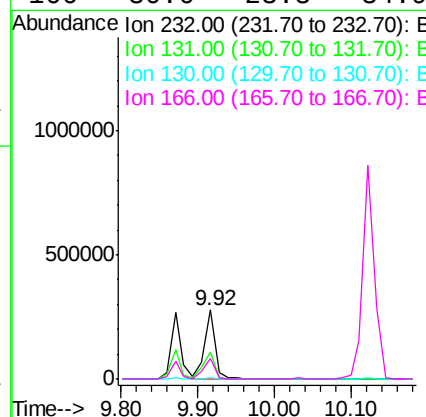
RT: 9.92 min Scan# 720

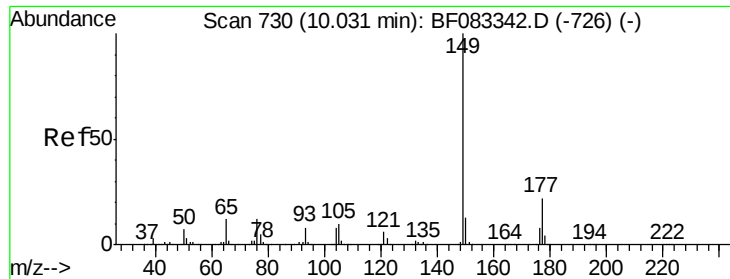
Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	232	Resp:	263465
Ion Ratio	Lower	Upper	
232	100		
131	43.4	35.4	53.2
130	2.3	1.7	2.5
166	30.6	23.3	34.9





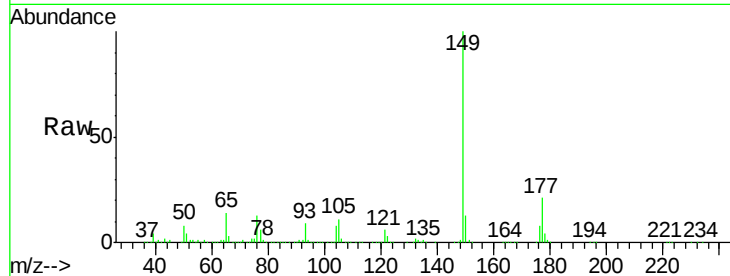
#59
Diethylphthalate
Concen: 45.60 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

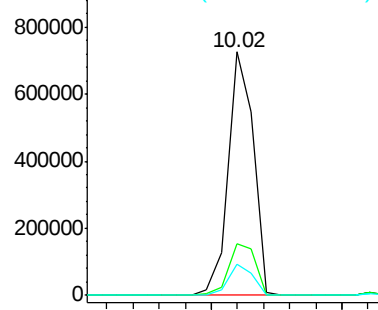
Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.9	10.4	15.6

Manual Integrations
APPROVED

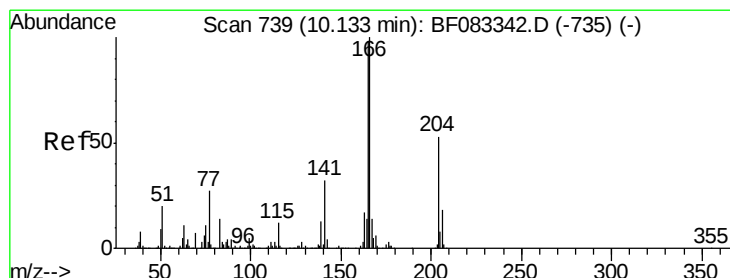
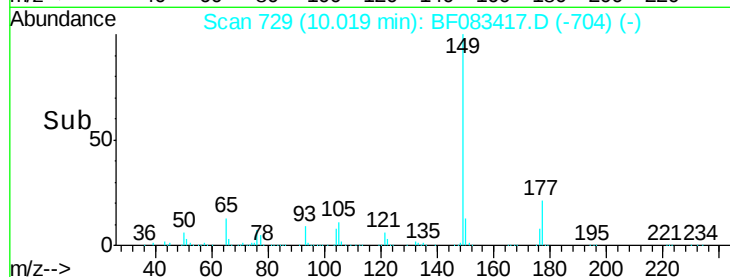
Mmdadoda
12/3/2015 7:09:29 PM



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

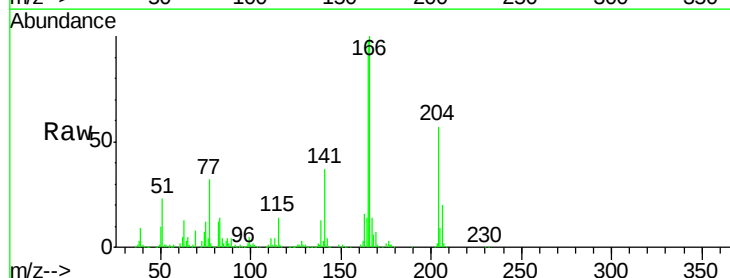


Time-->

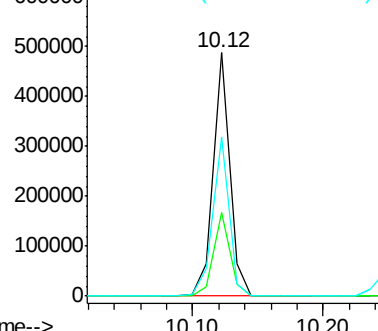


#60
4-Chlorophenyl-phenylether
Concen: 46.24 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

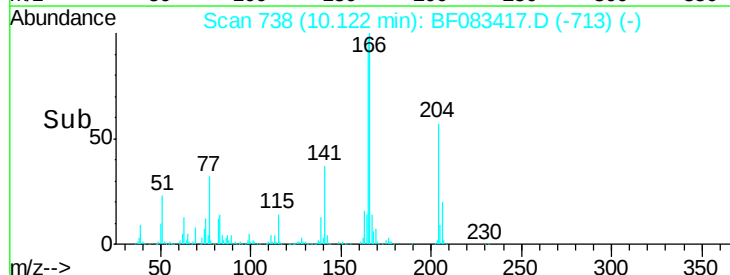
Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.5	27.5	41.3
141	65.5	48.1	72.1

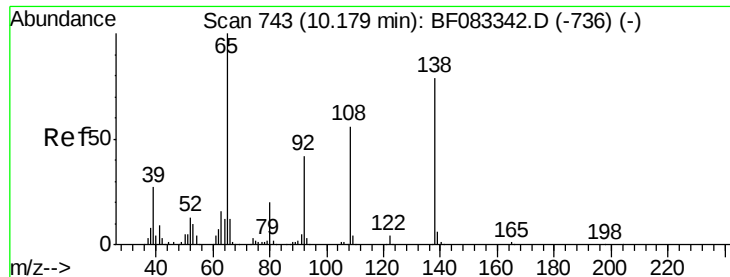


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 41.45 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

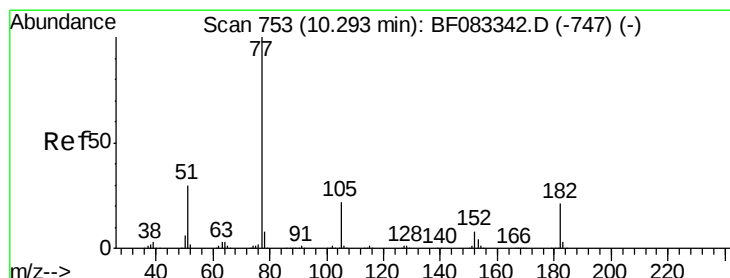
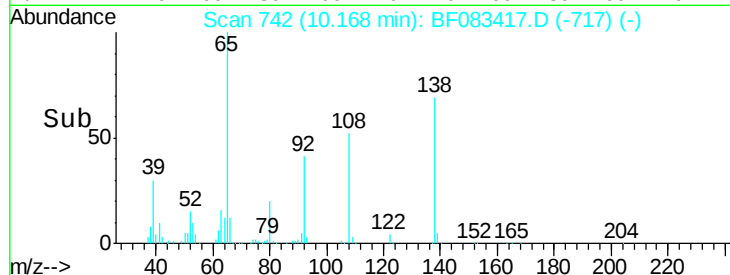
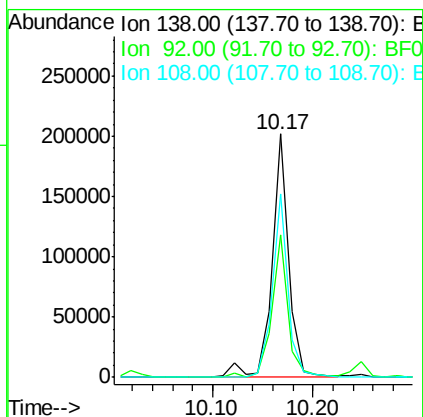
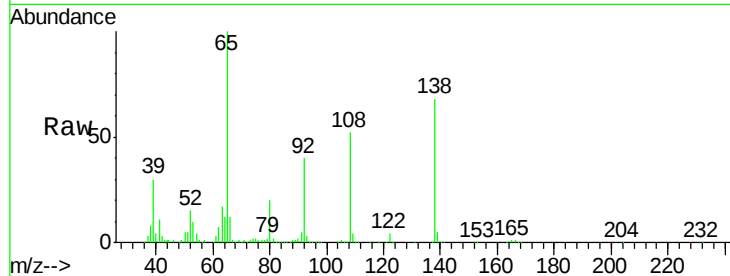
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	138	Resp:	234171
Ion Ratio	Lower	Upper	
138	100		
92	58.6	33.6	73.6
108	75.3	51.0	91.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#62

Azobenzene

Concen: 48.68 ng

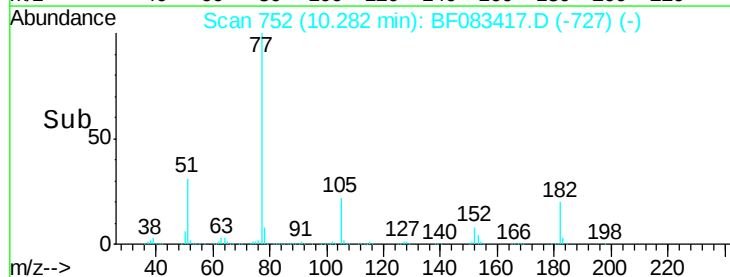
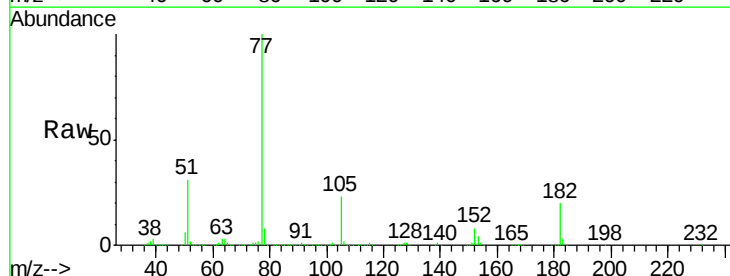
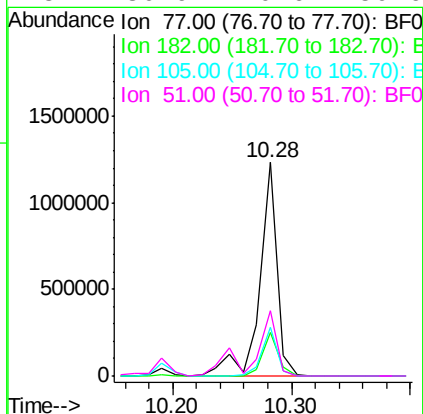
RT: 10.28 min Scan# 752

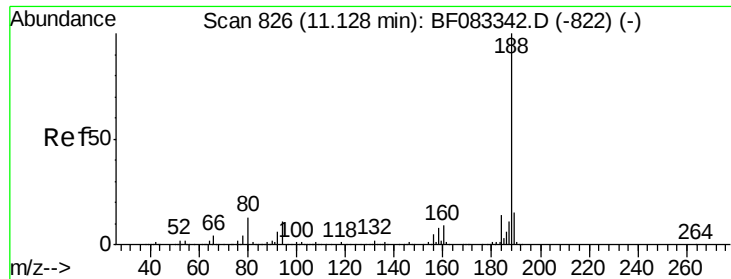
Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	77	Resp:	1264481
Ion Ratio	Lower	Upper	
77	100		
182	20.3	0.8	40.8
105	22.6	2.3	42.3
51	30.9	10.6	50.6





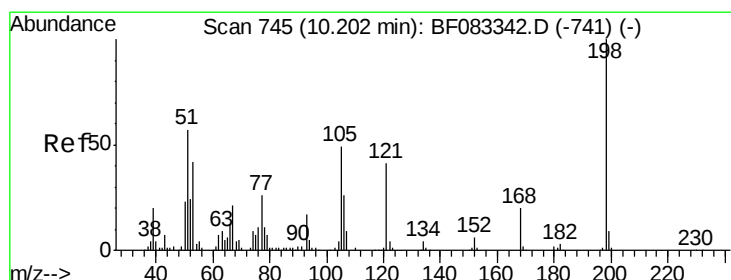
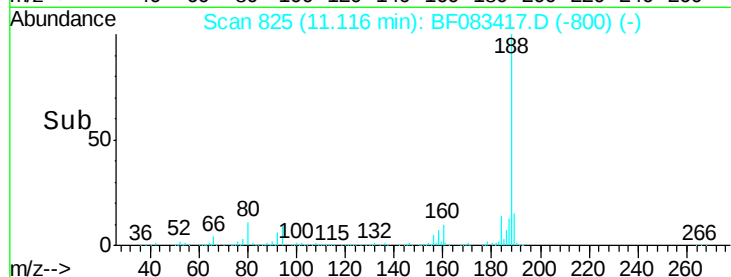
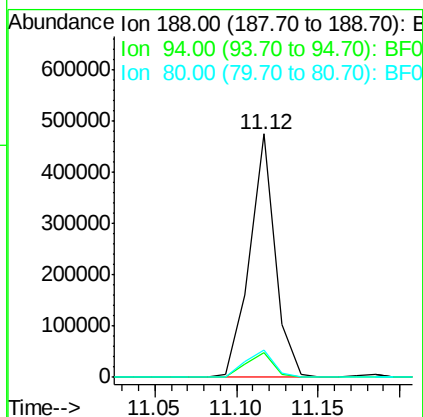
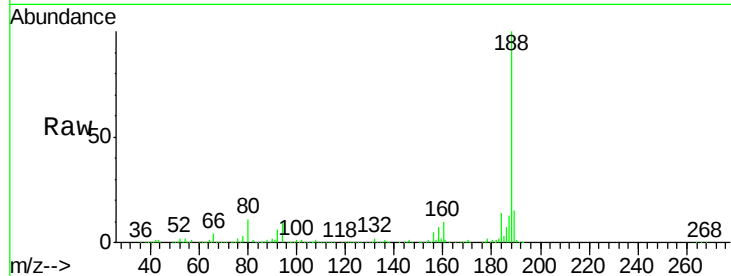
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	517682		
94	10.3		8.7	13.1
80	11.4		10.3	15.5

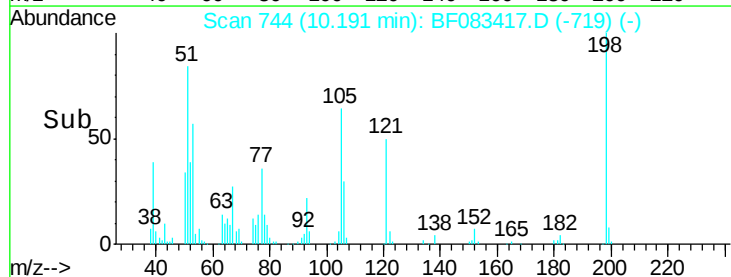
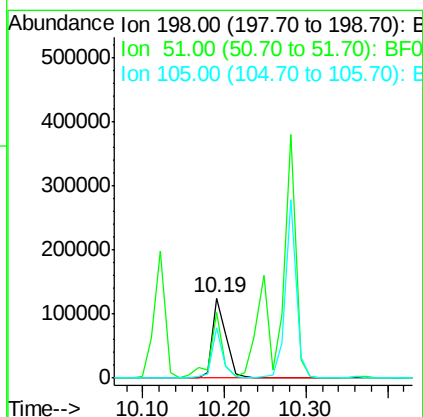
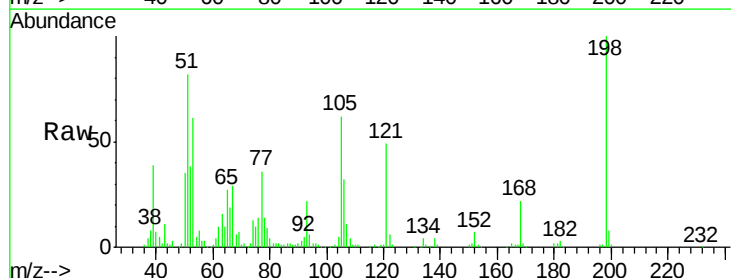
Manual Integrations
APPROVED

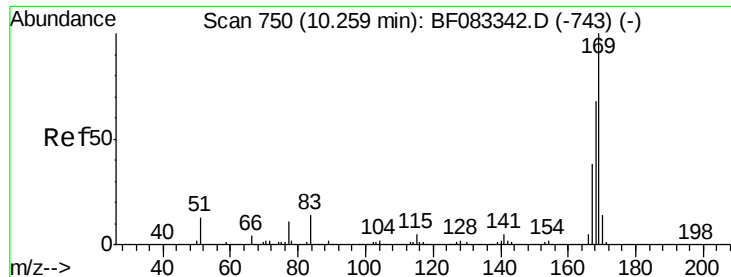
Mmdadoda
12/3/2015 7:09:29 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.41 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	147418		
51	81.9		38.3	78.3#
105	62.1		29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 47.39 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

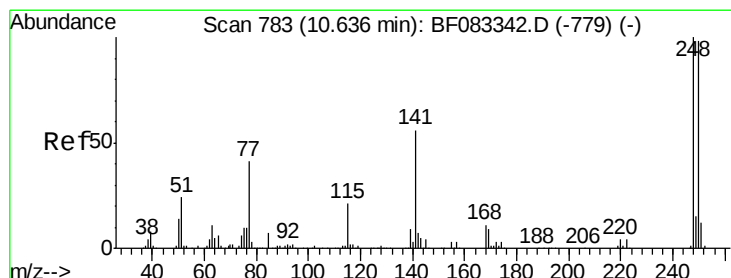
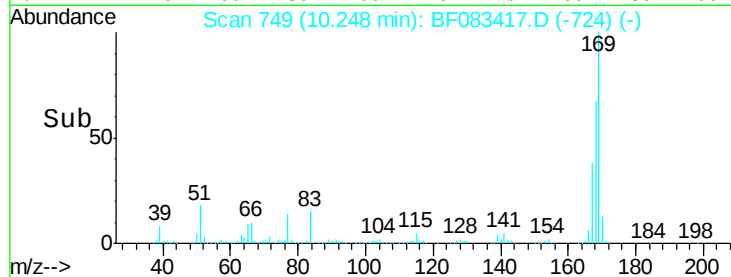
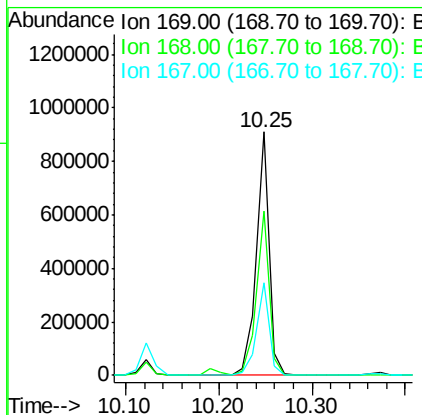
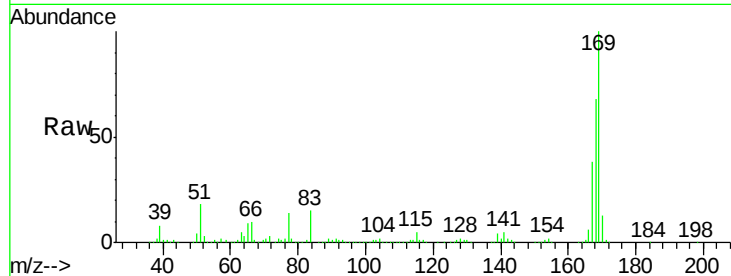
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	169	Resp:	862022
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.8	82.2
167	37.8	30.2	45.2

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#66

4-Bromophenyl-phenylether

Concen: 49.39 ng

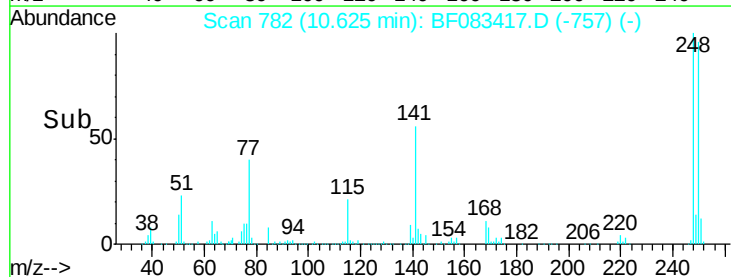
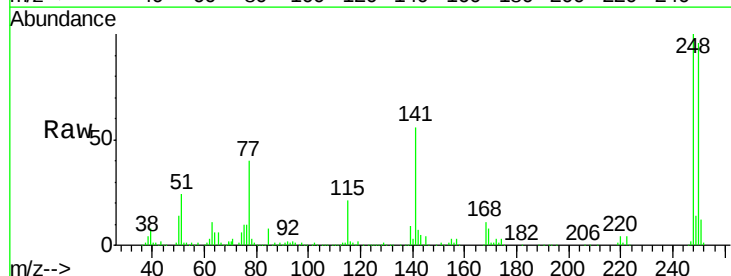
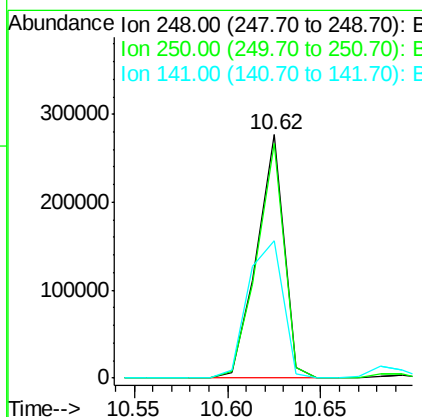
RT: 10.62 min Scan# 782

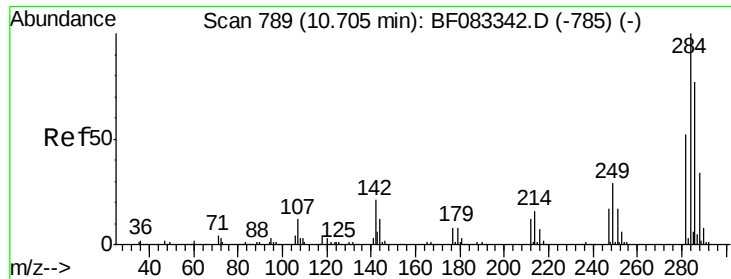
Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	248	Resp:	279670
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.6	118.0
141	56.2	44.4	66.6





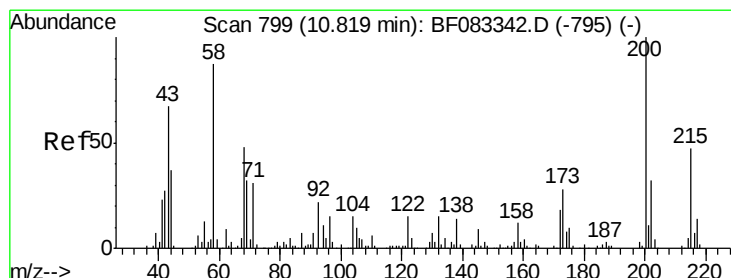
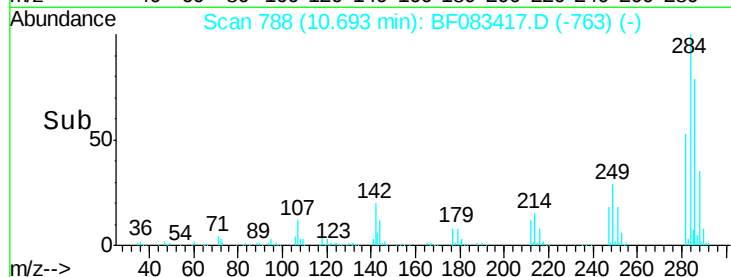
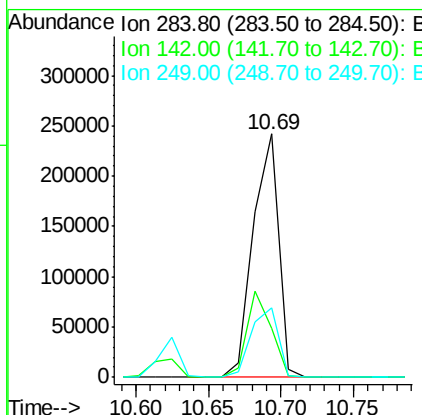
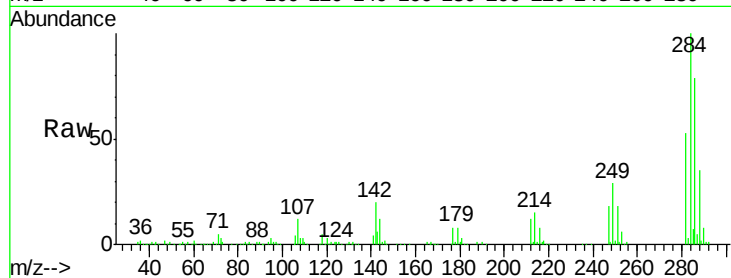
#67
Hexachlorobenzene
Concen: 47.14 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	20.1	16.6	24.8
249	28.7	23.0	34.4

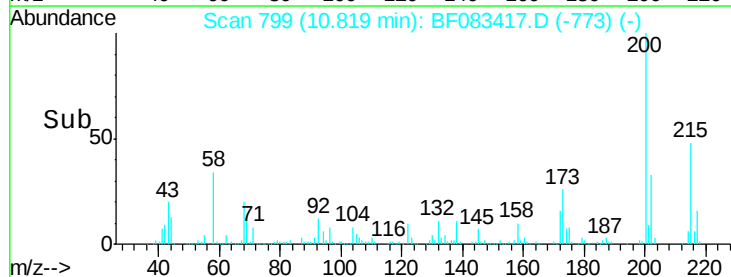
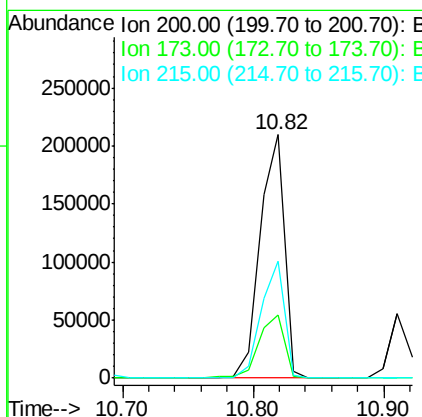
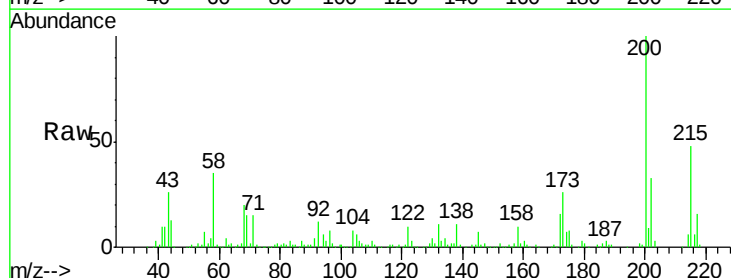
Manual Integrations
APPROVED

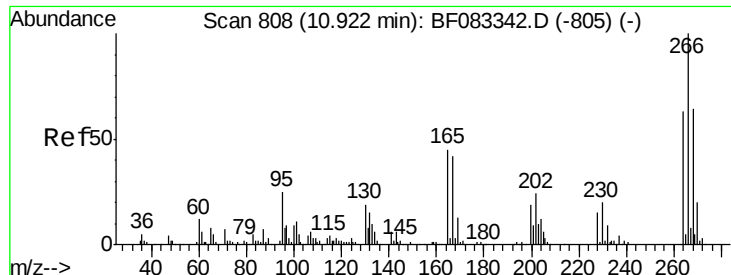
Mmdadoda
12/3/2015 7:09:29 PM



#68
Atrazine
Concen: 54.46 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	8.3	48.3
215	48.2	26.7	66.7





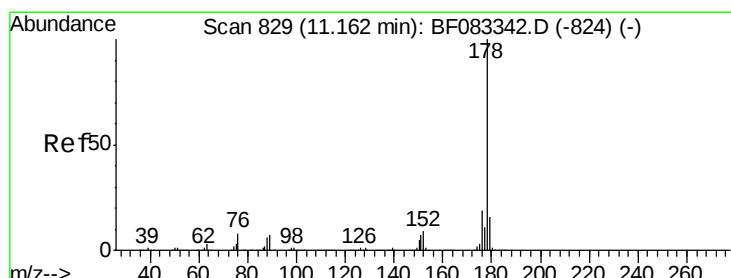
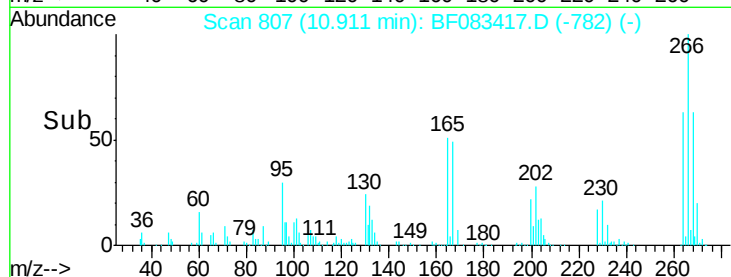
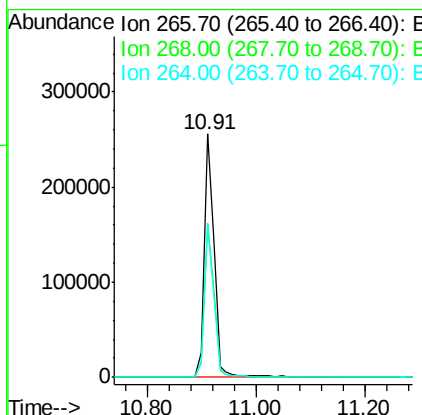
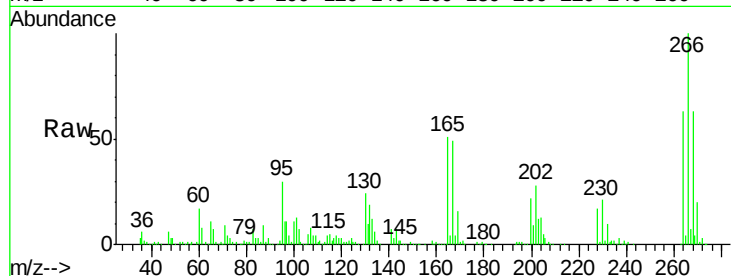
#69
 Pentachlorophenol
 Concen: 96.32 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.5	77.3
264	63.0	50.4	75.6

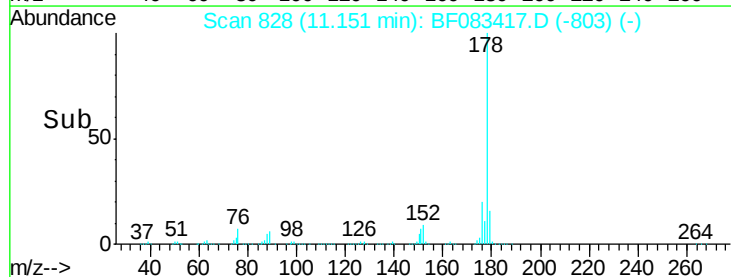
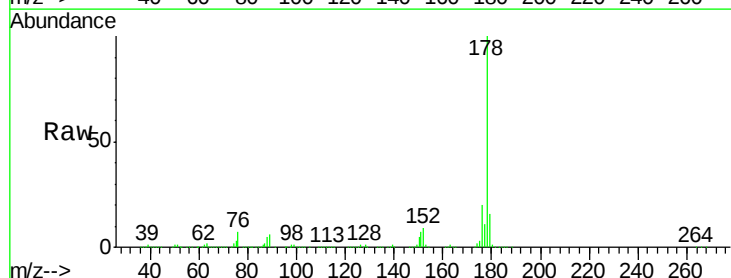
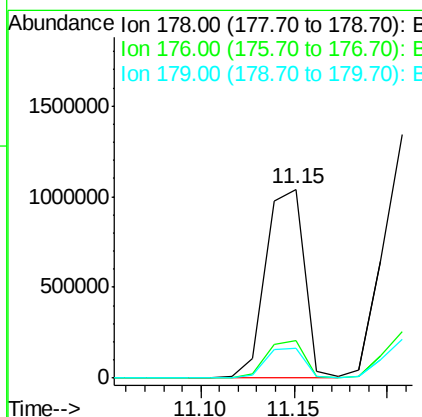
Manual Integrations
 APPROVED

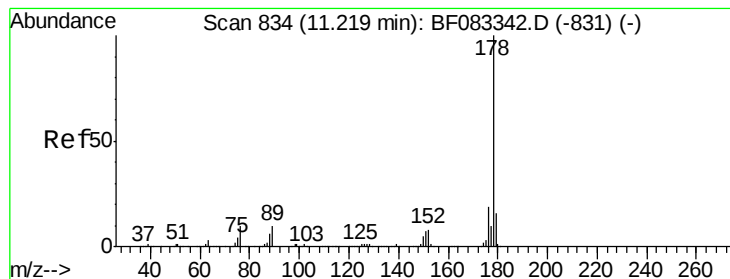
Mmdadoda
 12/3/2015 7:09:29 PM



#70
 Phenanthrene
 Concen: 48.93 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.7	12.4	18.6





#71

Anthracene

Concen: 48.02 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:178 Resp: 1480994

Ion Ratio Lower Upper

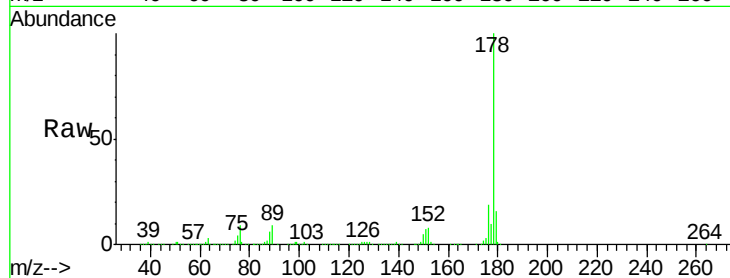
178 100

176 19.2 15.6 23.4

179 15.7 12.8 19.2

Manual Integrations
APPROVED

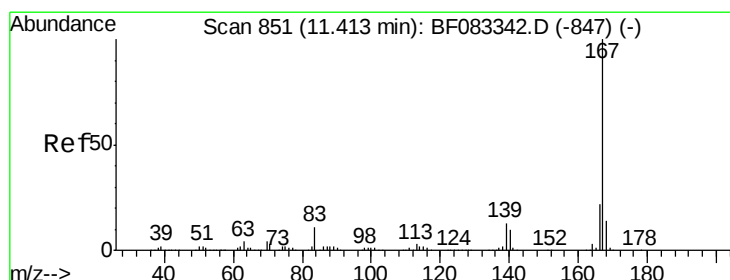
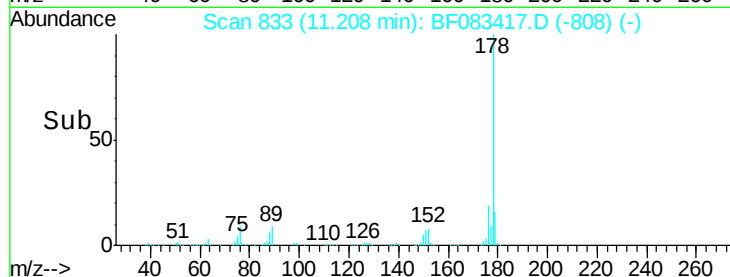
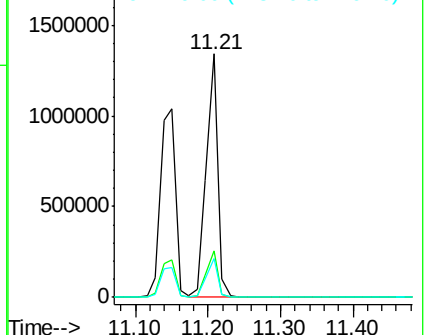
Mmdadoda
12/3/2015 7:09:29 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.92 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

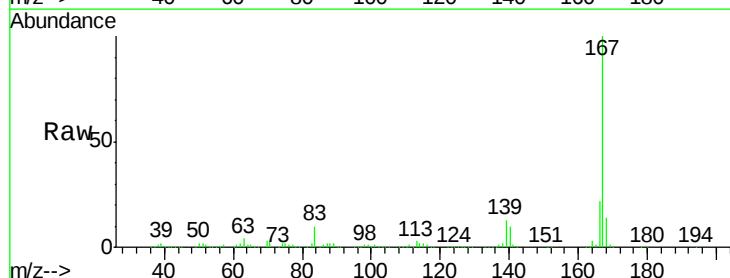
Tgt Ion:167 Resp: 1328020

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

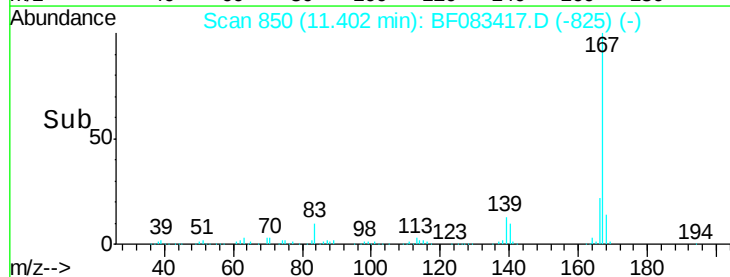
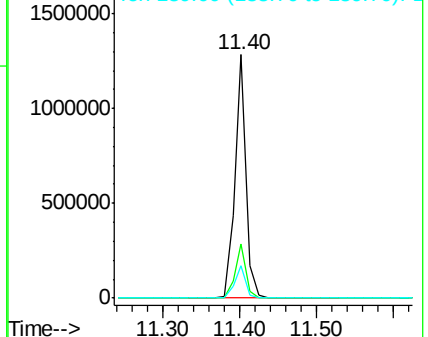
139 13.3 10.5 15.7

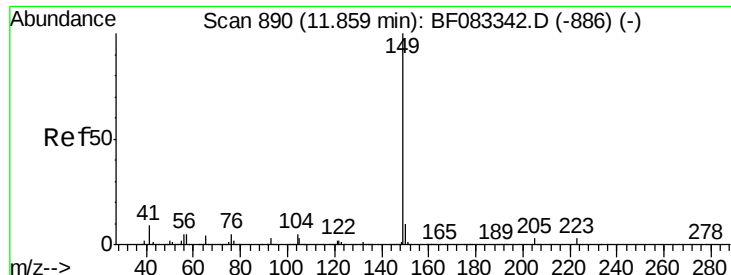


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





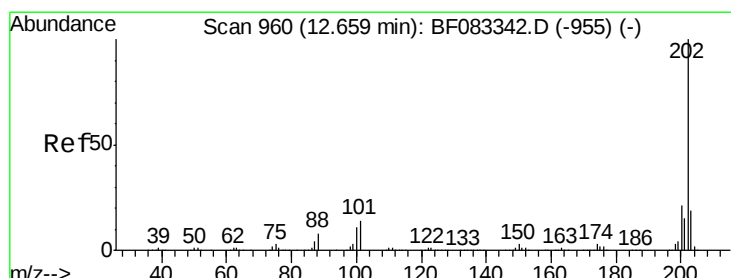
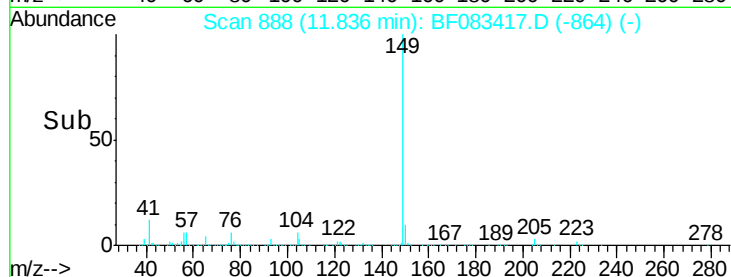
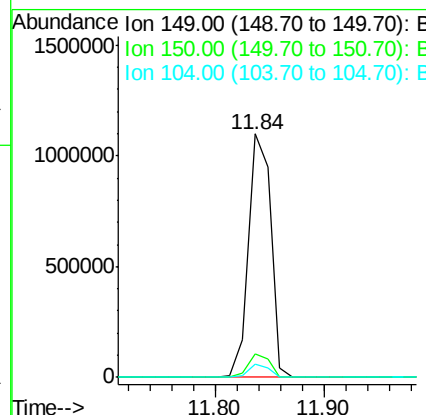
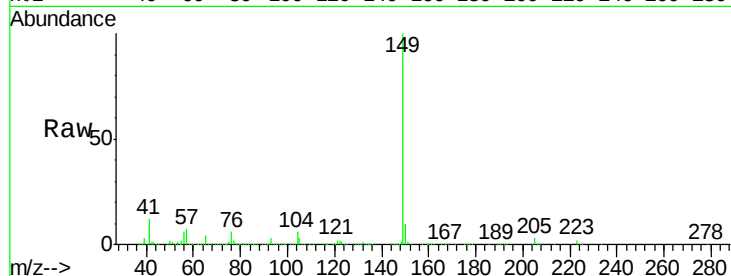
#73
Di-n-butylphthalate
Concen: 47.47 ng
RT: 11.84 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion:149 Resp: 1558908
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.5 4.0 6.0

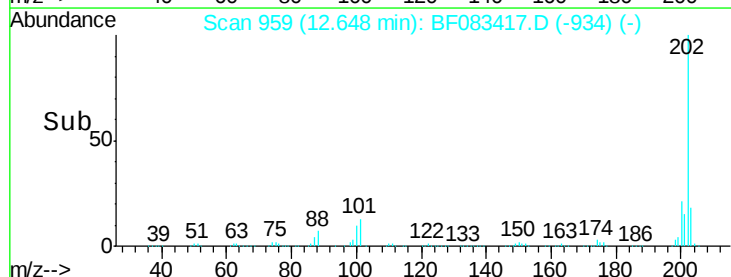
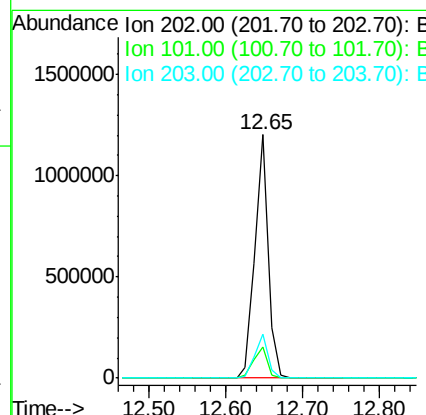
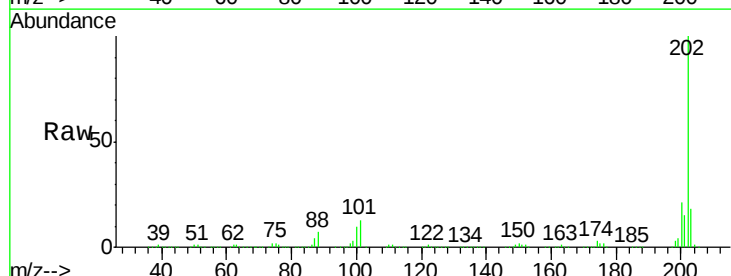
Manual Integrations
APPROVED

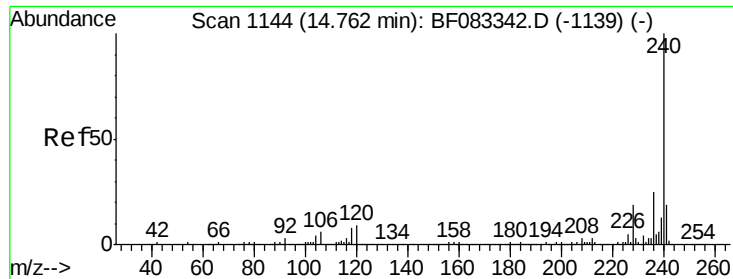
Mmdadoda
12/3/2015 7:09:29 PM



#74
Fluoranthene
Concen: 45.33 ng
RT: 12.65 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:202 Resp: 1439612
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.5
203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

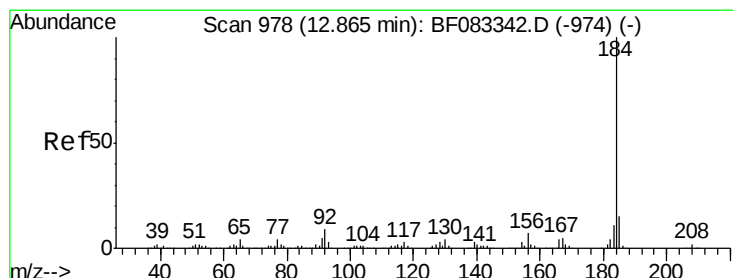
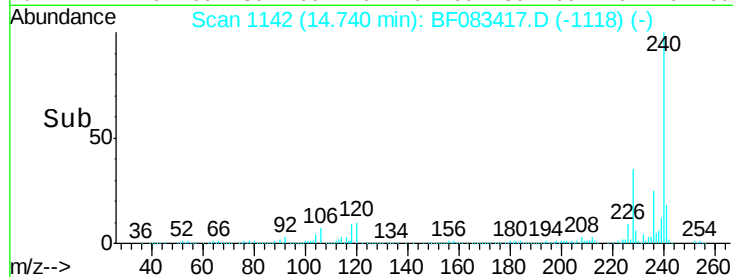
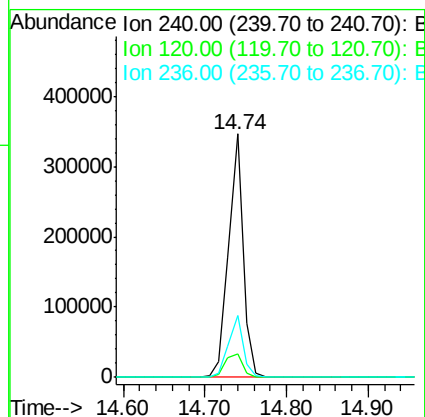
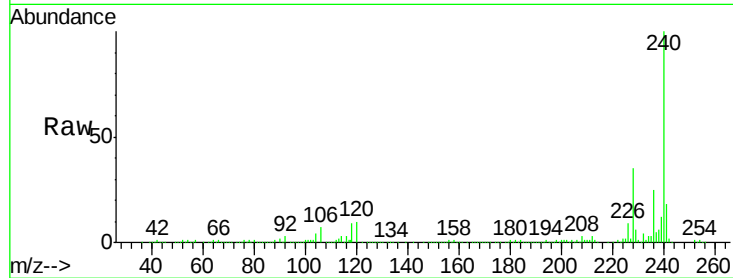
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	240	Resp:	430835
Ion Ratio	Lower	Upper	
240	100		
120	9.8	6.9	10.3
236	25.2	19.8	29.6

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#76

Benzidine

Concen: 58.63 ng

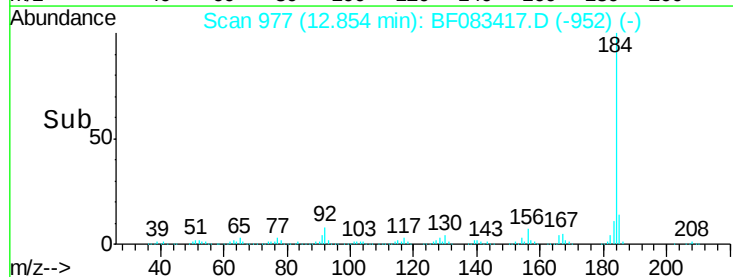
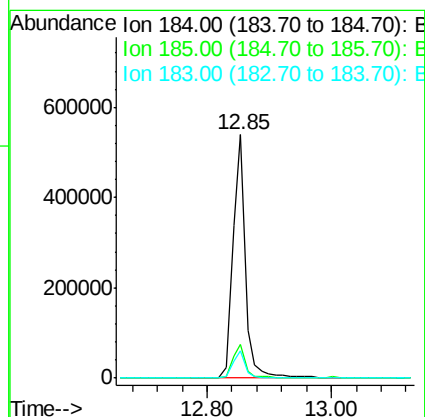
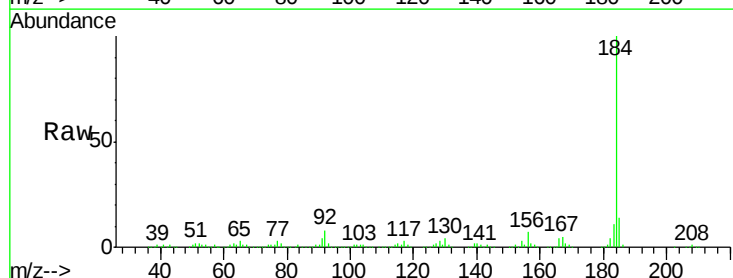
RT: 12.85 min Scan# 977

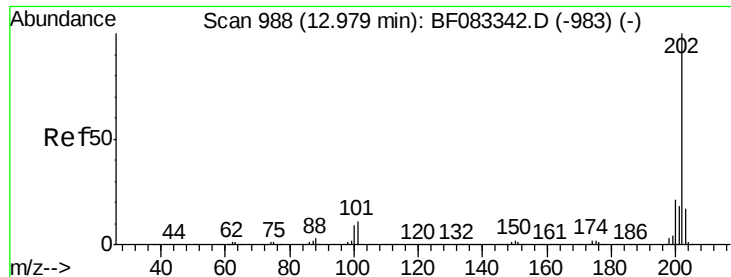
Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	184	Resp:	752376
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.4	18.6
183	11.0	9.0	13.4





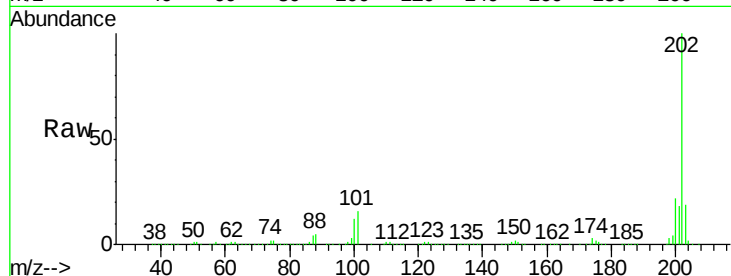
#77
Pvrene
Concen: 48.82 ng
RT: 12.96 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.6	13.9	20.9

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM

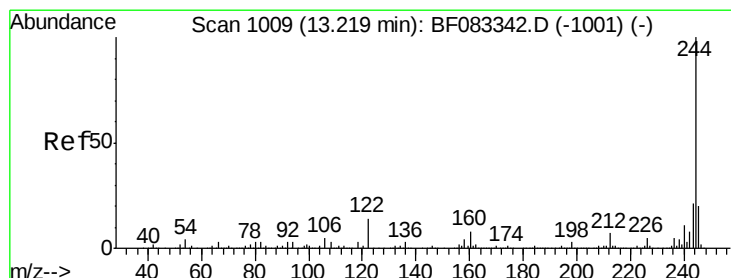
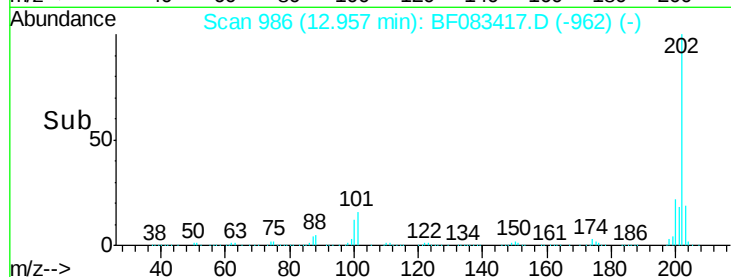
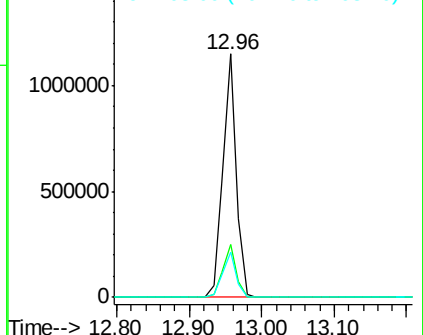


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 98.36 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

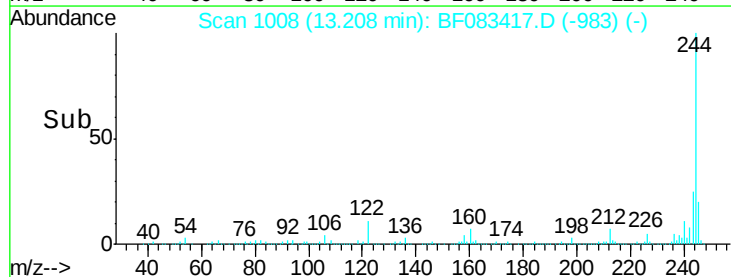
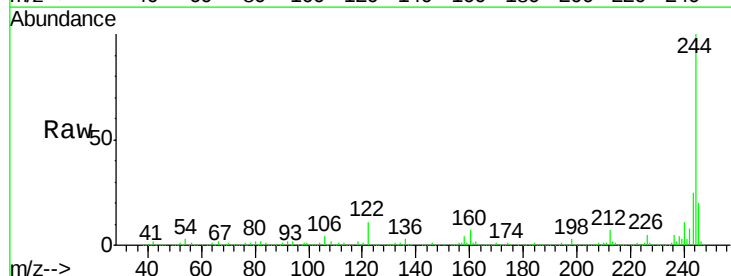
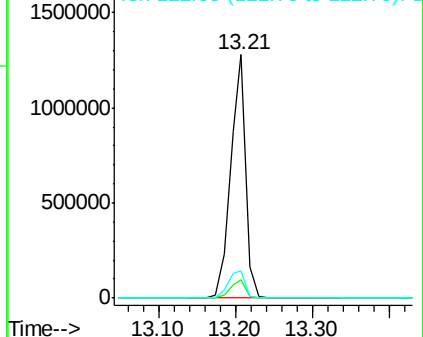
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.1	11.0	16.4

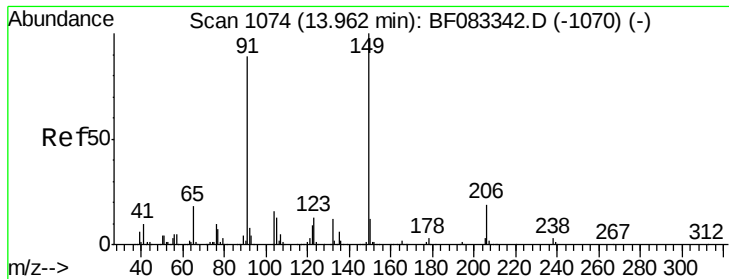
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





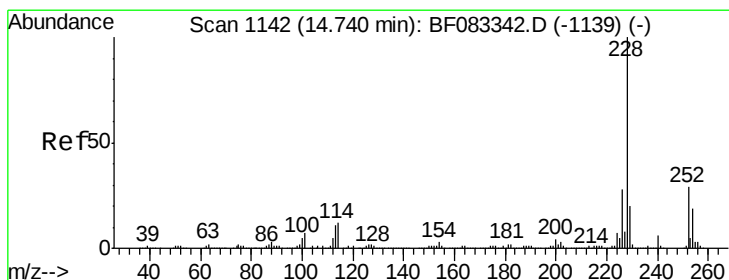
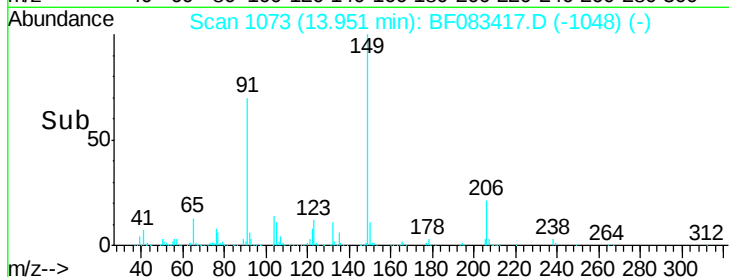
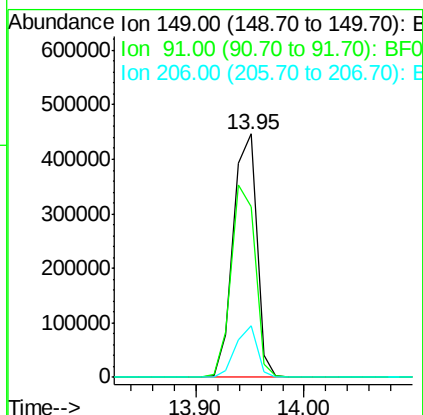
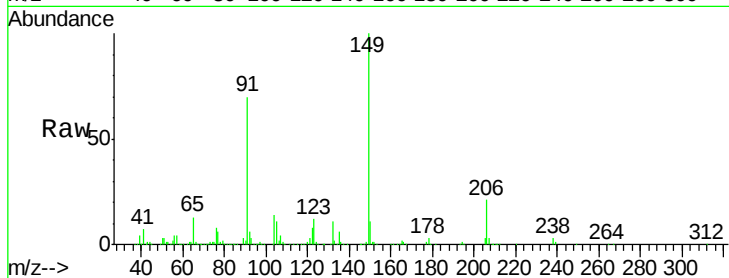
#79
Butylbenzylphthalate
Concen: 52.00 ng
RT: 13.95 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	71.4	107.2#
206	21.1	15.1	22.7

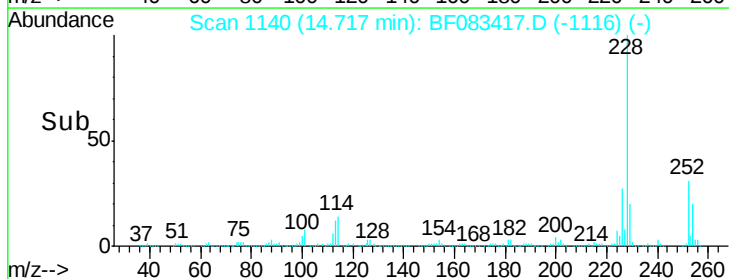
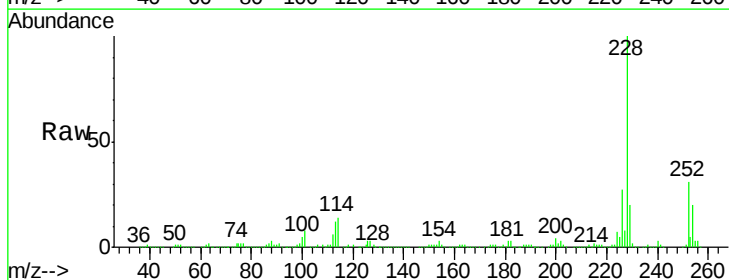
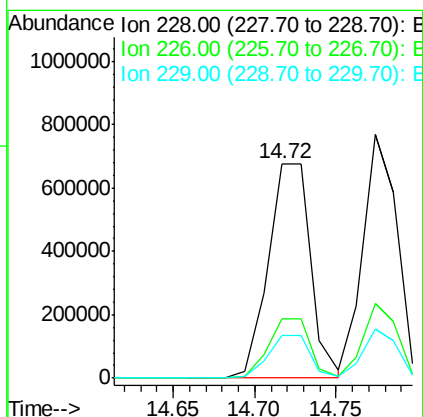
Manual Integrations
APPROVED

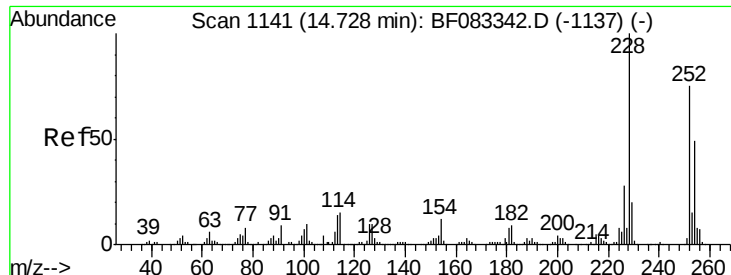
Mmdadoda
12/3/2015 7:09:29 PM



#80
Benzo(a)anthracene
Concen: 46.41 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.1	16.1	24.1





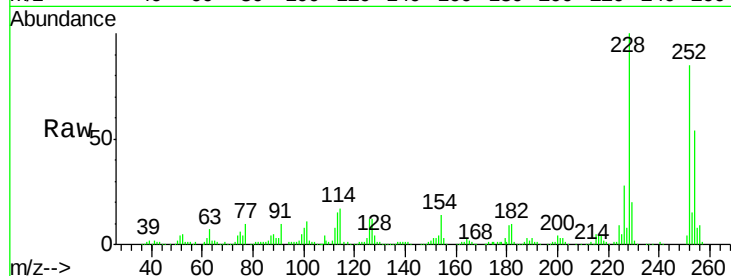
#81
 3,3'-Dichlorobenzidine
 Concen: 42.44 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	14.6	10.7	16.1

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:29 PM

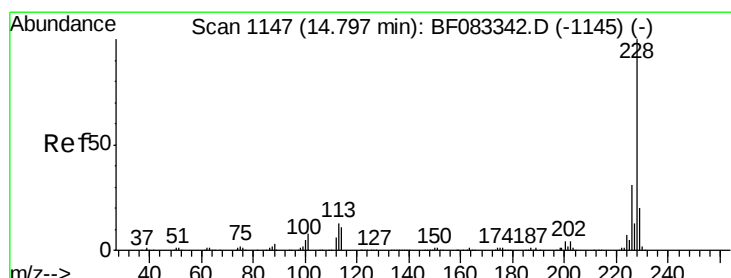
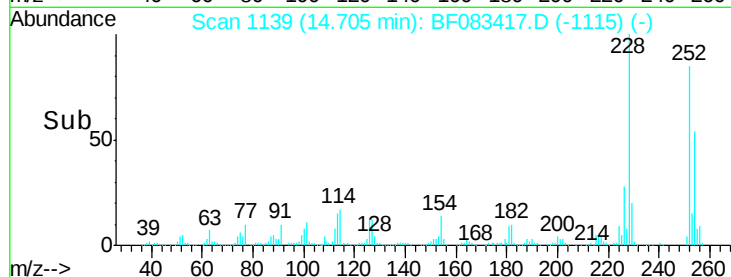
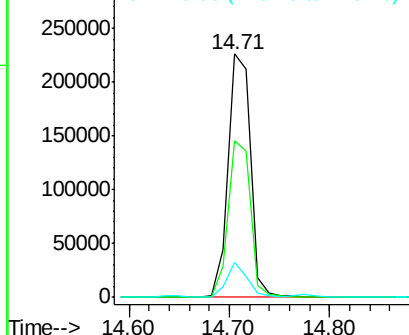


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.52 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

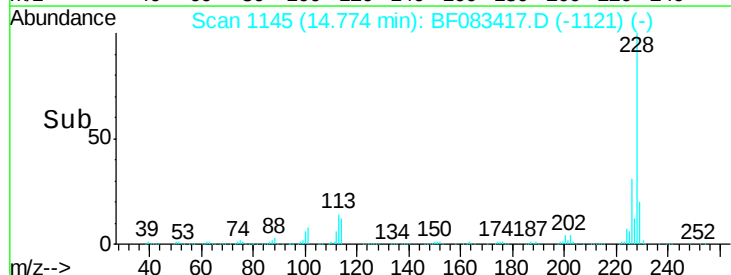
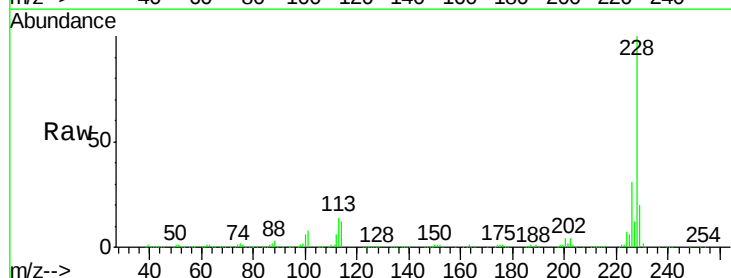
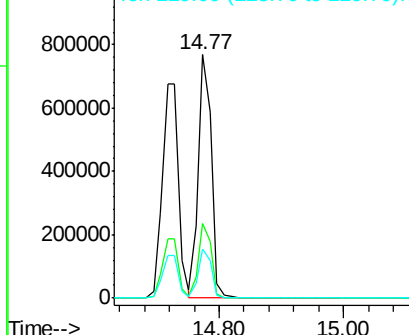
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.3	16.2	24.2

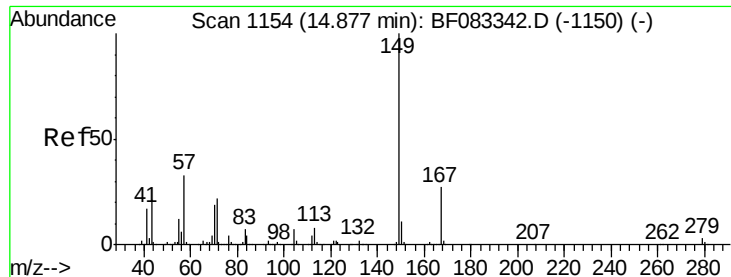
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.83 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

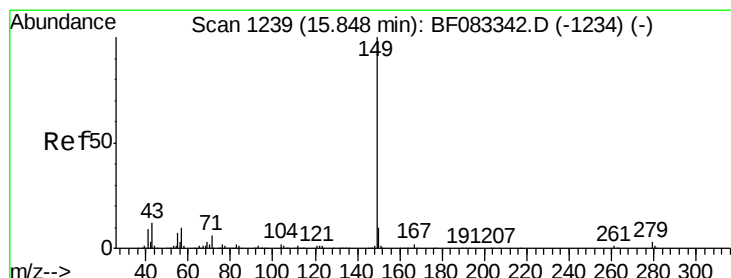
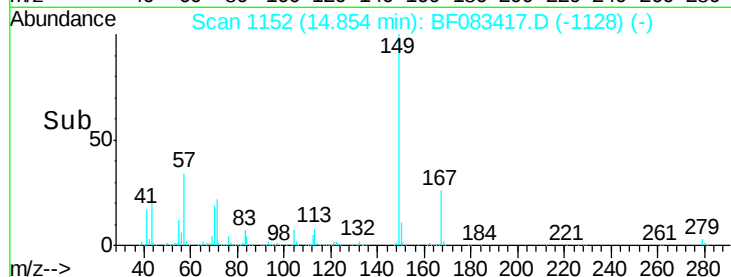
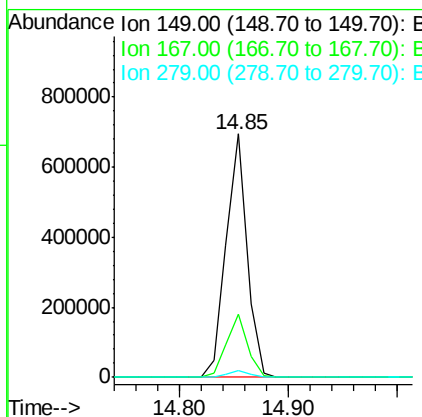
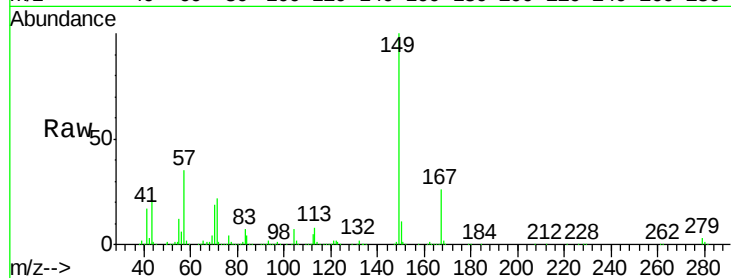
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	149	Resp:	921683
Ion Ratio		Lower	Upper
149	100		
167	25.9	21.5	32.3
279	2.9	2.6	3.8

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#84

Di-n-octyl phthalate

Concen: 54.71 ng

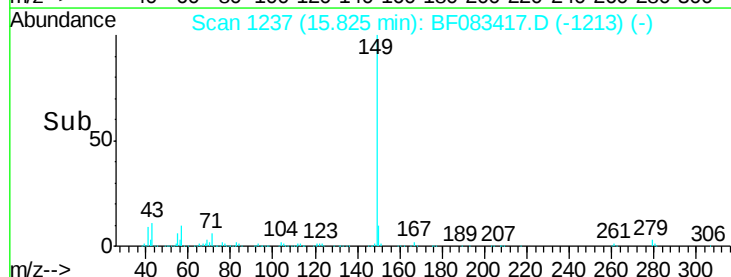
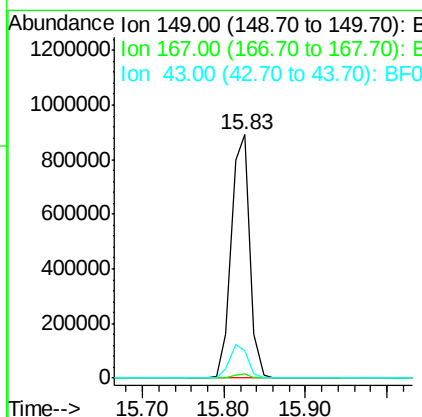
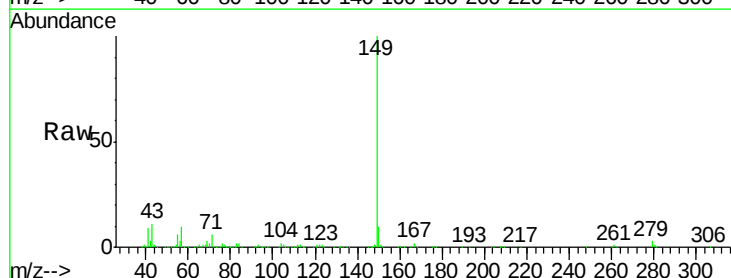
RT: 15.83 min Scan# 1237

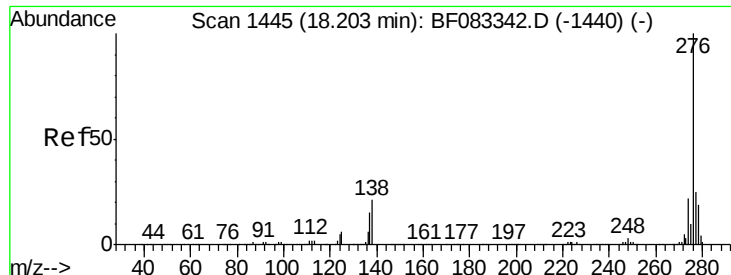
Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	149	Resp:	1394961
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.4	11.0	16.6





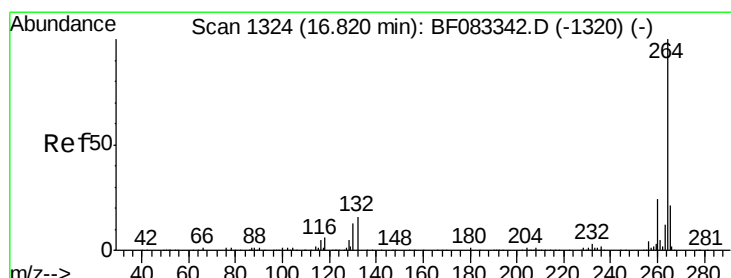
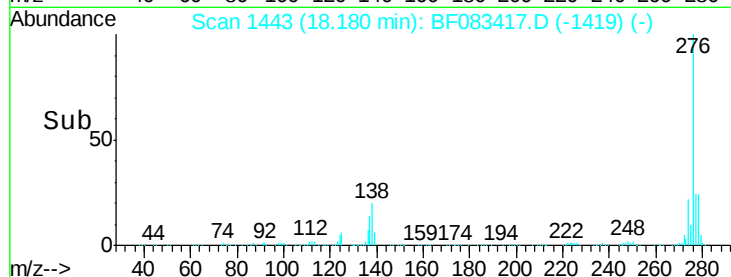
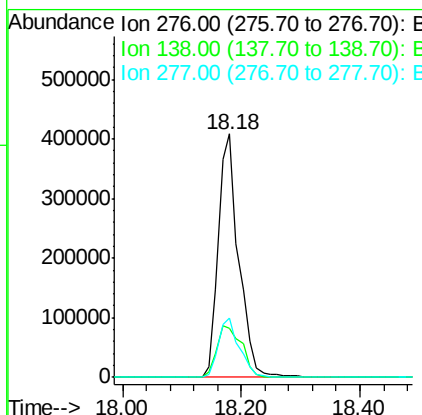
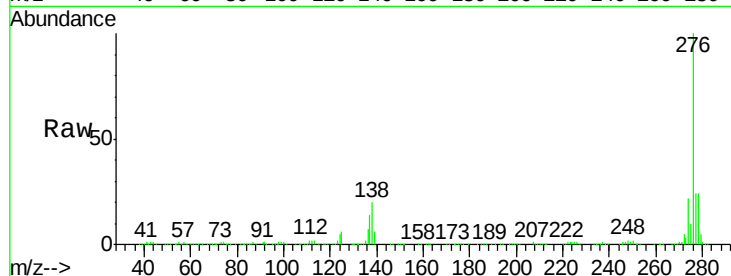
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.37 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.2	31.8
277	24.9	20.0	30.0

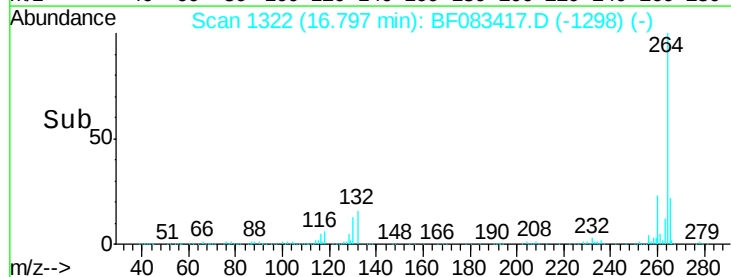
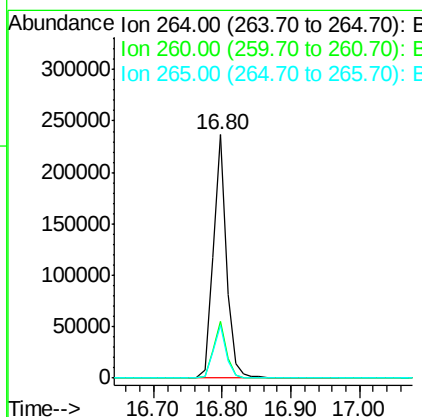
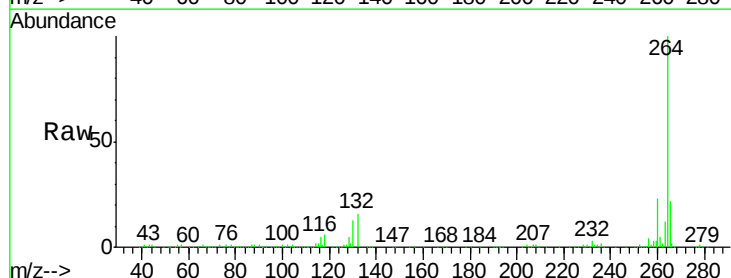
Manual Integrations
APPROVED

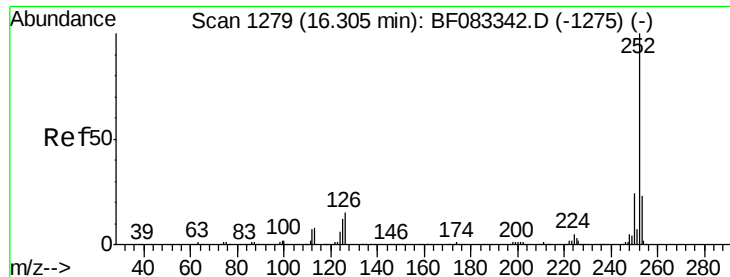
Mmdadoda
12/3/2015 7:09:29 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.6	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 46.42 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

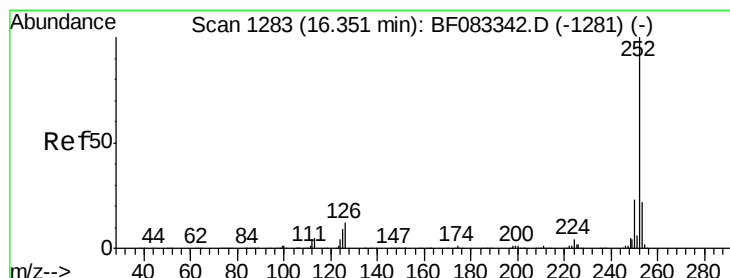
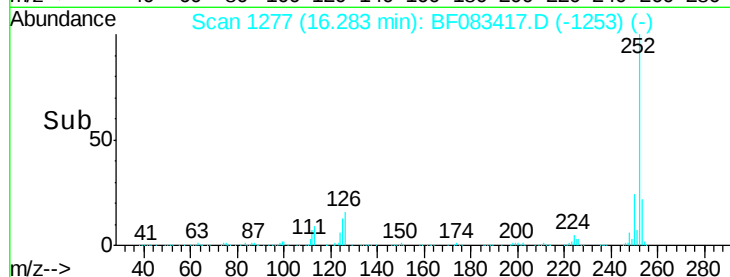
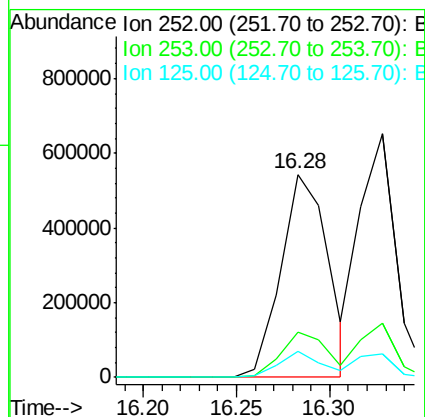
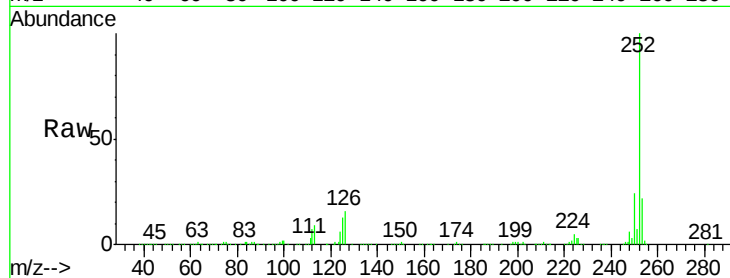
ClientSampleId :

SB-P3WC-07(8-14)MSD

Tot Ion:	252	Resp:	955928
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	12.7	9.6	14.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:29 PM



#88

Benzo(k)fluoranthene

Concen: 45.75 ng

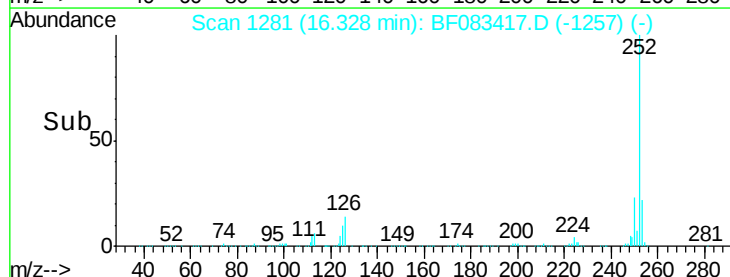
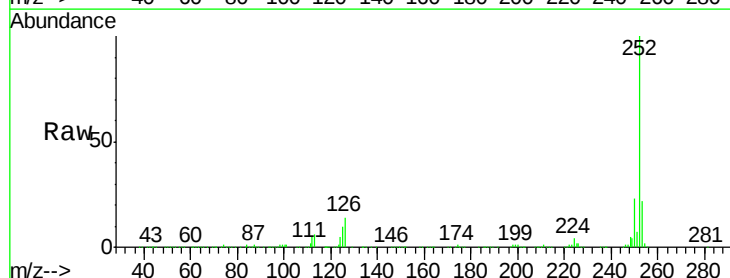
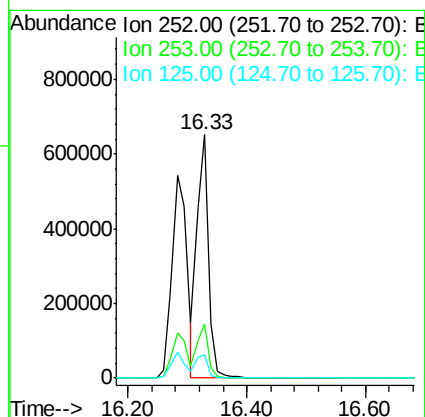
RT: 16.33 min Scan# 1281

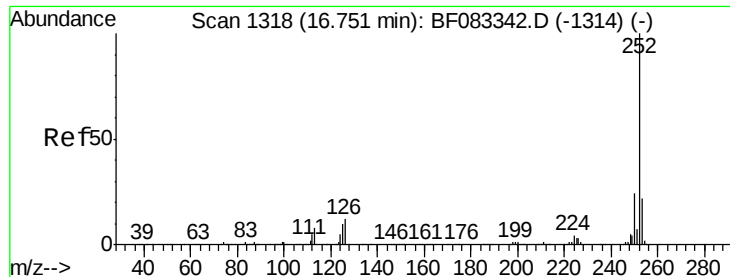
Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	252	Resp:	889563
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	9.6	7.5	11.3





#89

Benzo(a)pyrene

Concen: 48.27 ng

RT: 16.73 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

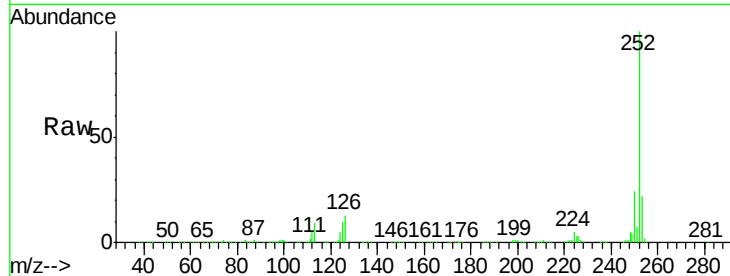
ClientSampleId :

SB-P3WC-07(8-14)MSD

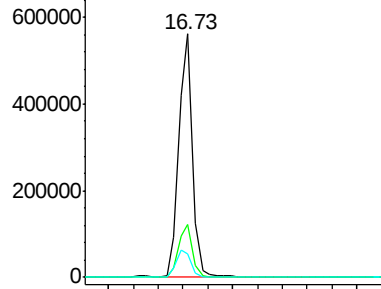
Tot Ion:	252	Resp:	853734
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	9.8	7.8	11.8

Manual Integrations
APPROVED

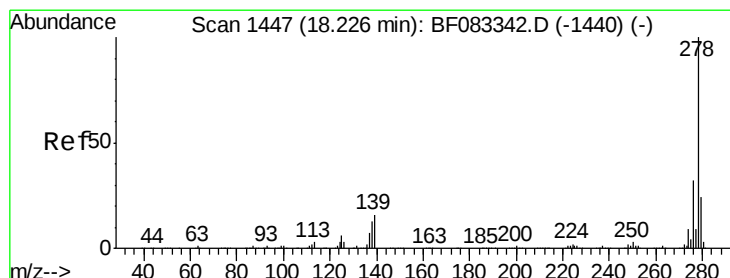
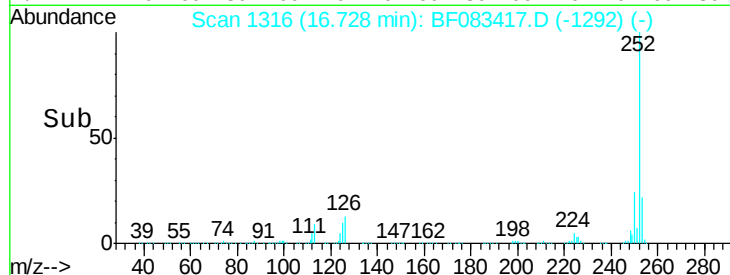
Mmdadoda
12/3/2015 7:09:29 PM



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 53.54 ng

RT: 18.20 min Scan# 1445

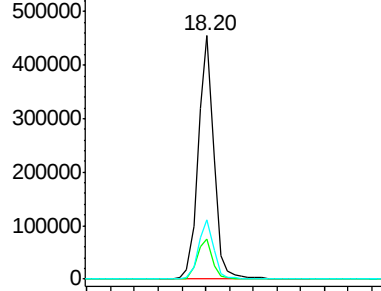
Delta R.T. -0.02 min

Lab File: BF083417.D

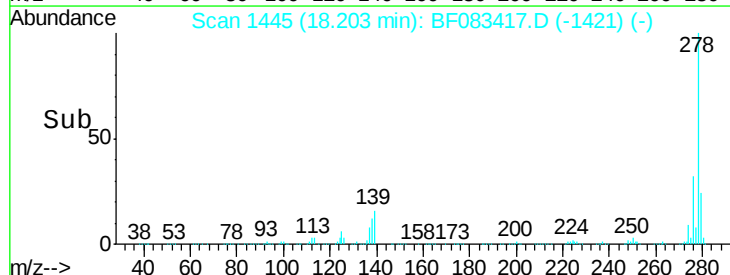
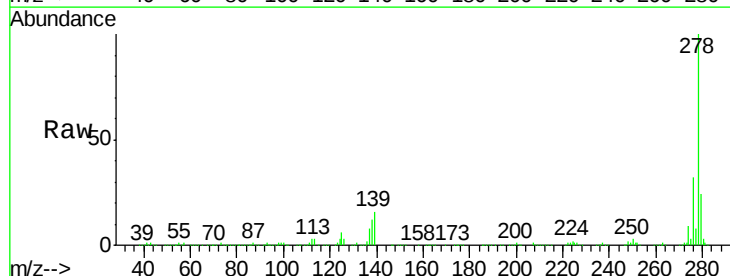
Acq: 2 Dec 2015 14:40

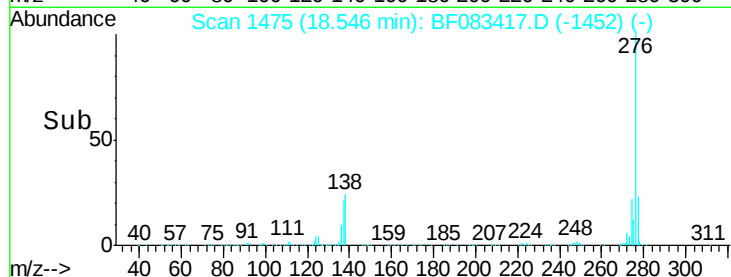
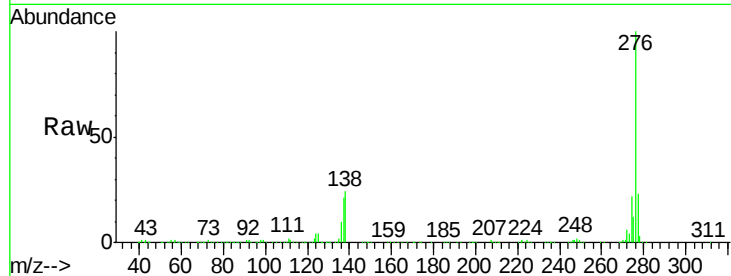
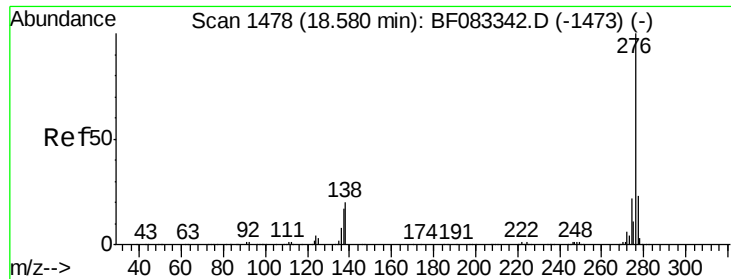
Tgt Ion:	278	Resp:	825143
Ion Ratio	Lower	Upper	
278	100		
139	16.4	13.1	19.7
279	24.1	19.2	28.8

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



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 53.92 ng
 RT: 18.55 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	815677		
277	23.4		18.6	28.0
138	24.1		16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:29 PM

