

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083300.D
 Acq On : 26 Nov 2015 4:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM

Quant Time: Nov 26 05:56:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	200816	20.00	ng	-0.07
21) Naphthalene-d8	7.88	136	695302	20.00	ng	-0.07
38) Acenaphthene-d10	9.63	164	308665	20.00	ng	-0.07
63) Phenanthrene-d10	11.11	188	536738	20.00	ng	-0.07
75) Chrysene-d12	13.74	240	484860	20.00	ng	-0.07
86) Perylene-d12	15.09	264	371081	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1055948	79.50	ng	-0.09
7) Phenol-d6	6.27	99	1308735	76.15	ng	-0.07
23) Nitrobenzene-d5	7.18	82	1300159	85.44	ng	-0.06
41) 2,4,6-Tribromophenol	10.42	330	223415	70.75	ng	-0.07
44) 2-Fluorobiphenyl	8.97	172	1884827	85.15	ng	-0.06
78) Terphenyl-d14	12.70	244	1593872	77.41	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	208183m	31.64	ng	
3) Pyridine	2.65	79	749942m	43.15	ng	
4) n-Nitrosodimethylamine	2.60	42	350355	43.71	ng	90
6) Aniline	6.26	93	942670	44.88	ng	95
8) 2-Chlorophenol	6.39	128	553114	38.54	ng	100
9) Benzaldehyde	6.14	77	366510	43.71	ng	98
10) Phenol	6.28	94	782913	37.66	ng	# 78
11) bis(2-Chloroethyl)ether	6.34	93	606690	40.87	ng	98
12) 1,3-Dichlorobenzene	6.54	146	656652m	40.07	ng	
13) 1,4-Dichlorobenzene	6.62	146	641368	38.70	ng	93
14) 1,2-Dichlorobenzene	6.76	146	565887	37.56	ng	96
15) Benzyl Alcohol	6.76	79	520051	36.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1056283	45.63	ng	86
17) 2-Methylphenol	6.89	107	471161	39.68	ng	97
18) Hexachloroethane	7.11	117	164126	28.11	ng	94
19) n-Nitroso-di-n-propylamine	7.03	70	452668	37.85	ng	97
20) 3+4-Methylphenols	7.05	107	616892	41.09	ng	97
22) Acetophenone	7.02	105	813726	40.77	ng	# 98
24) Nitrobenzene	7.19	77	621899	38.25	ng	98
25) Isophorone	7.44	82	1189449	41.28	ng	# 94
26) 2-Nitrophenol	7.51	139	224155	31.23	ng	96
27) 2,4-Dimethylphenol	7.58	122	459385	40.10	ng	90
28) bis(2-Chloroethoxy)methane	7.66	93	728764	43.51	ng	100
29) 2,4-Dichlorophenol	7.76	162	402786	36.97	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	455091	38.03	ng	95
31) Naphthalene	7.91	128	1459979	38.91	ng	98
32) Benzoic acid	7.72	122	286218	32.14	ng	97
33) 4-Chloroaniline	7.96	127	583379	40.07	ng	99
34) Hexachlorobutadiene	8.03	225	290050	41.01	ng	98
35) Caprolactam	8.35	113	124010	35.52	ng	96
36) 4-Chloro-3-methylphenol	8.48	107	420806	33.34	ng	94
37) 2-Methylnaphthalene	8.59	142	880973	36.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	410178	41.00	ng	98
40) Hexachlorocyclopentadiene	8.75	237	35328	6.21	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083300.D
 Acq On : 26 Nov 2015 4:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

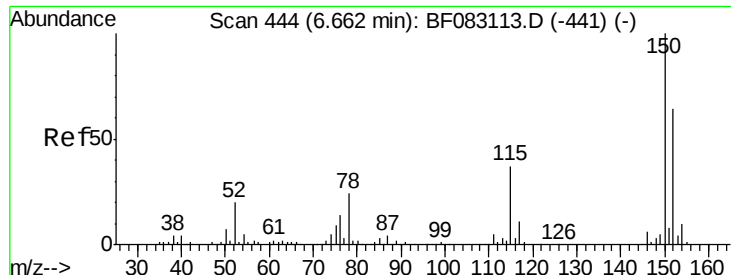
Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM

Quant Time: Nov 26 05:56:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	286056	39.92	nq	100
43) 2,4,5-Trichlorophenol	8.94	196	289069	39.46	nq #	94
45) 1,1'-Biphenyl	9.06	154	1018308	38.76	nq	96
46) 2-Chloronaphthalene	9.08	162	828865	40.17	nq	95
47) 2-Nitroaniline	9.19	65	310274	42.51	nq	98
48) Acenaphthylene	9.50	152	1348427	42.17	nq	100
49) Dimethylphthalate	9.37	163	970680	40.85	nq	99
50) 2,6-Dinitrotoluene	9.44	165	187850	35.23	nq #	54
51) Acenaphthene	9.67	154	748075	38.44	nq	99
52) 3-Nitroaniline	9.60	138	244396	42.99	nq #	59
53) 2,4-Dinitrophenol	9.71	184	15530	5.06	nq #	86
54) Dibenzofuran	9.84	168	1079195	39.22	nq	99
55) 4-Nitrophenol	9.79	139	139145	31.92	nq	90
56) 2,4-Dinitrotoluene	9.84	165	218918	32.40	nq #	86
57) Fluorene	10.18	166	890216	39.15	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	202343	33.67	nq	99
59) Diethylphthalate	10.07	149	881332	37.26	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	391236	37.56	nq #	76
61) 4-Nitroaniline	10.22	138	250669	44.79	nq	94
62) Azobenzene	10.33	77	1030753	38.18	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	28053	7.59	nq #	55
65) n-Nitrosodiphenylamine	10.30	169	713800	39.10	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	246145	41.33	nq	94
67) Hexachlorobenzene	10.73	284	256407	39.09	nq #	83
68) Atrazine	10.83	200	177385	33.46	nq	98
69) Pentachlorophenol	10.92	266	145561	34.07	nq	95
70) Phenanthrene	11.13	178	1201309	38.85	nq	99
71) Anthracene	11.19	178	1267889	40.19	nq	98
72) Carbazole	11.35	167	1132063	40.37	nq	99
73) Di-n-butylphthalate	11.69	149	1476837	43.15	nq	98
74) Fluoranthene	12.31	202	1203005	38.01	nq	97
76) Benzidine	12.45	184	681643	53.64	nq	98
77) Pyrene	12.54	202	1265765	38.21	nq	98
79) Butylbenzylphthalate	13.18	149	644351	41.10	nq #	89
80) Benzo(a)anthracene	13.73	228	1181249	39.39	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	435523	41.73	nq #	97
82) Chrysene	13.76	228	1072247	38.56	nq	97
83) Bis(2-ethylhexyl)phthalate	13.74	149	870637	42.52	nq	97
84) Di-n-octyl phthalate	14.34	149	1500518	42.57	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.32	276	813207	32.15	nq	96
87) Benzo(b)fluoranthene	14.72	252	879642m	34.69	nq	
88) Benzo(k)fluoranthene	14.75	252	887585m	46.98	nq	
89) Benzo(a)pyrene	15.03	252	803339	38.38	nq #	95
90) Dibenzo(a,h)anthracene	16.33	278	690329	36.30	nq	98
91) Benzo(g,h,i)perylene	16.69	276	632562	34.08	nq #	93

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



#1

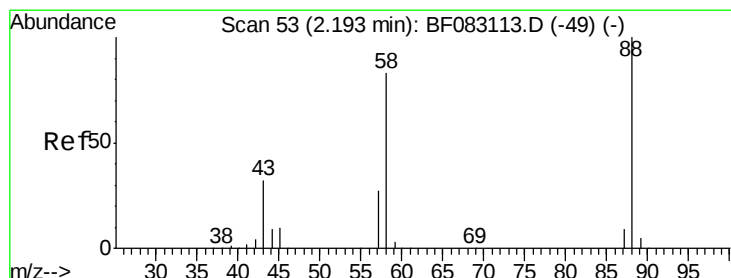
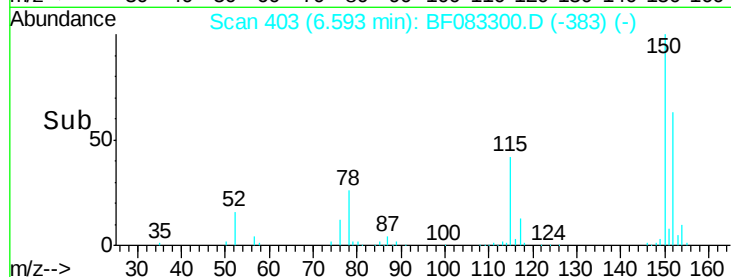
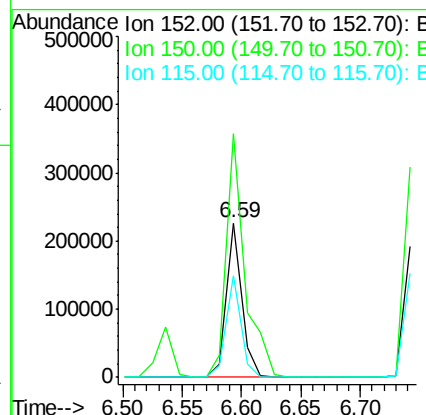
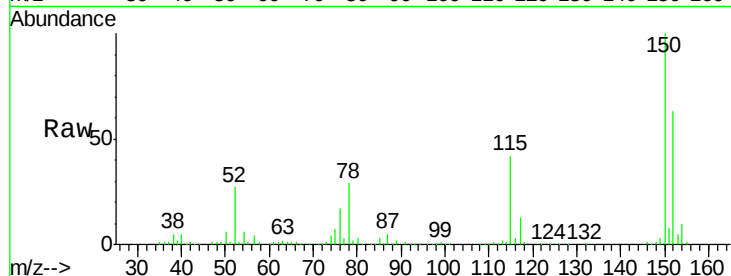
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
152	100	200816		
150	157.8	125.8	188.8	
115	65.8	46.9	70.3	

Manual Integrations
APPROVED

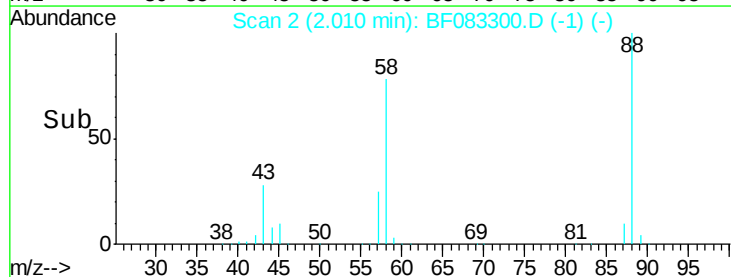
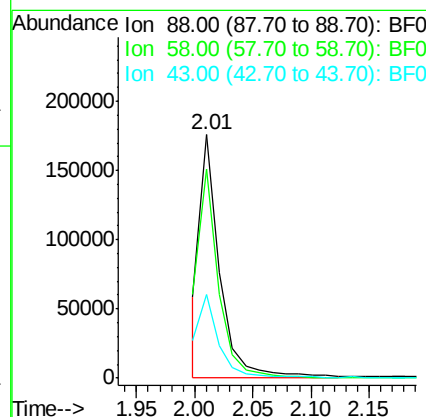
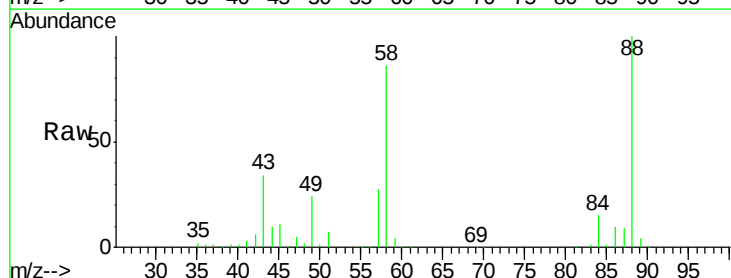
mmdadoda
11/26/2015 6:43:51 PM

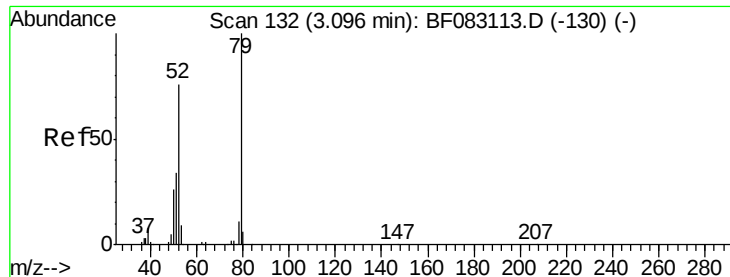


#2

1,4-Dioxane
Concen: 31.64 ng m
RT: 2.01 min Scan# 2
Delta R.T. -0.18 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	208183		
58	0.0	65.0	97.6#	
43	0.0	24.7	37.1#	





#3

Pvridine

Concen: 43.15 ng/ml

RT: 2.65 min Scan# 58

Delta R.T. -0.45 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

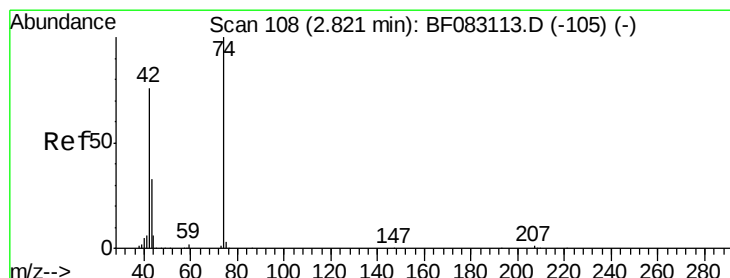
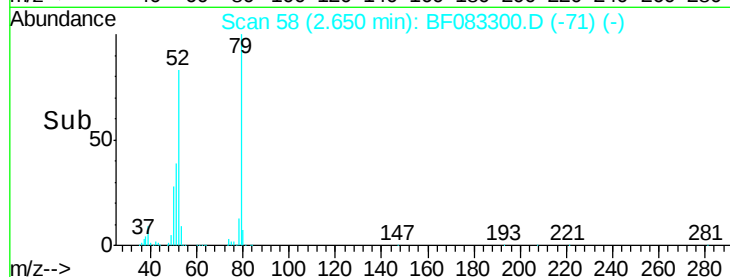
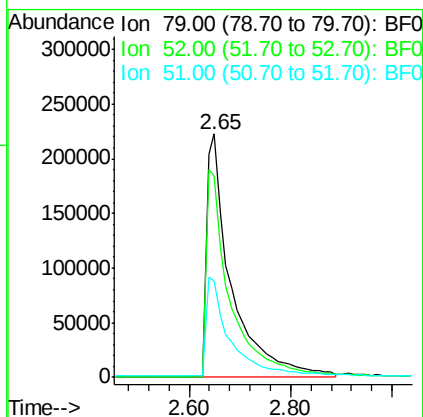
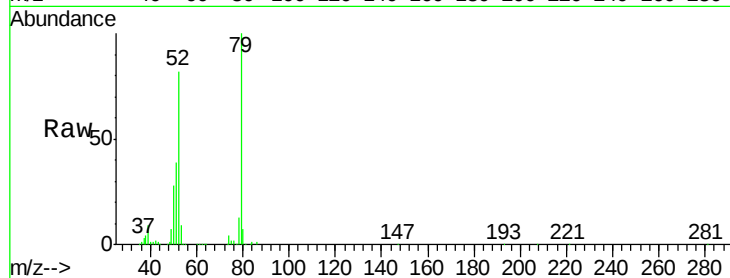
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	749942
Ion Ratio	Lower	Upper	
79	100		
52	82.5	60.7	91.1
51	39.4	27.9	41.9

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#4

n-Nitrosodimethylamine

Concen: 43.71 ng/ml

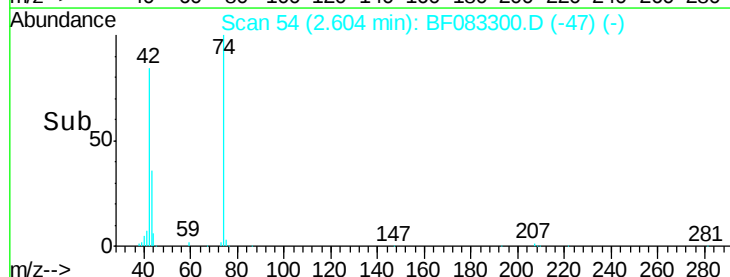
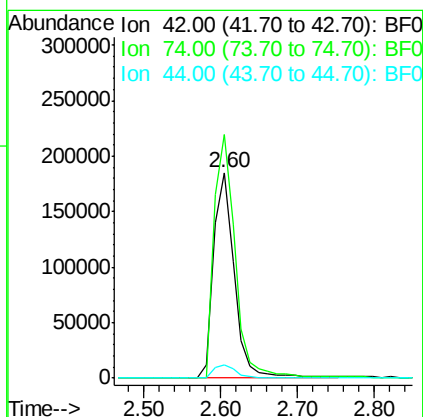
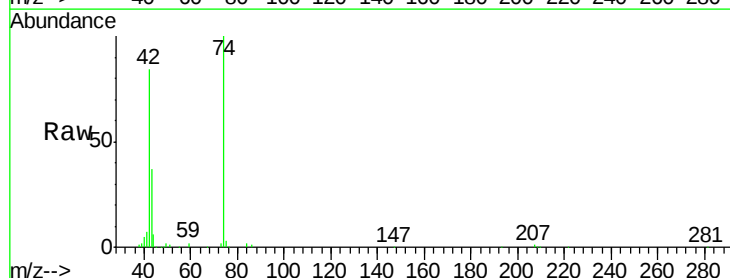
RT: 2.60 min Scan# 54

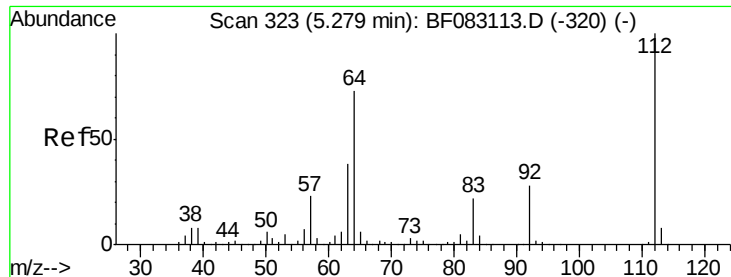
Delta R.T. -0.22 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	42	Resp:	350355
Ion Ratio	Lower	Upper	
42	100		
74	118.5	104.8	157.2
44	6.7	6.2	9.4





#5

2-Fluorophenol

Concen: 79.50 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1055948

Ion Ratio Lower Upper

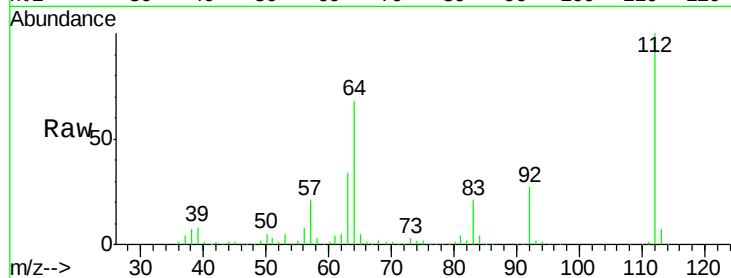
112 100

64 67.8 58.4 87.6

63 34.4 30.0 45.0

Manual Integrations
APPROVED

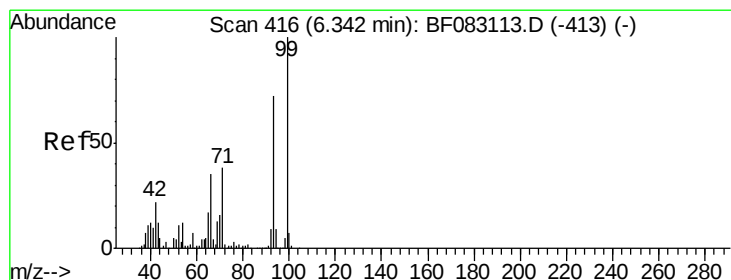
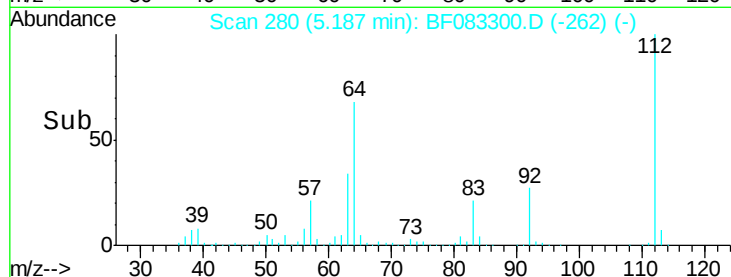
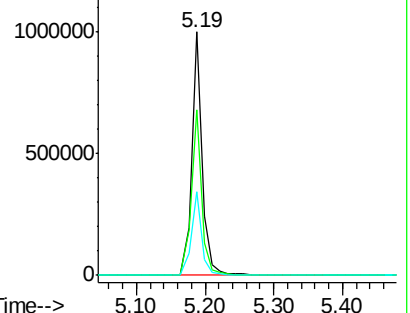
mmdadoda
11/26/2015 6:43:51 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.88 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

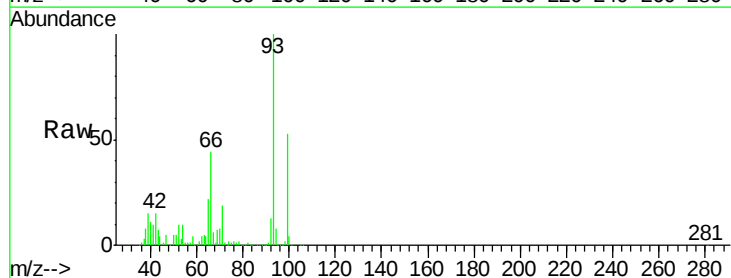
Tgt Ion: 93 Resp: 942670

Ion Ratio Lower Upper

93 100

66 44.3 38.7 58.1

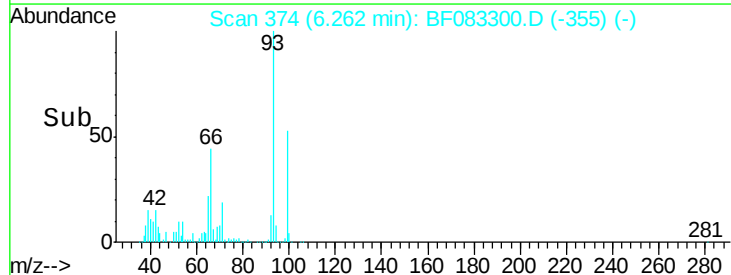
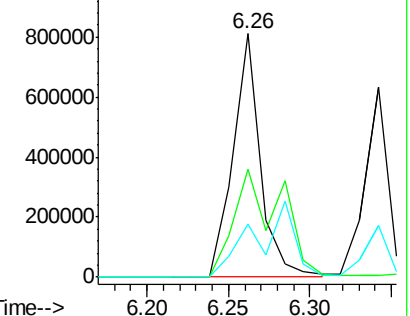
65 21.9 18.6 27.8

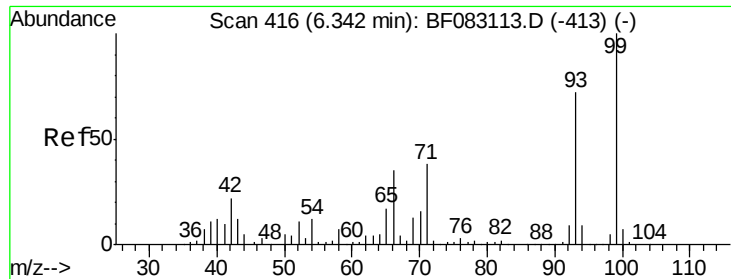


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.15 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1308735

Ion Ratio Lower Upper

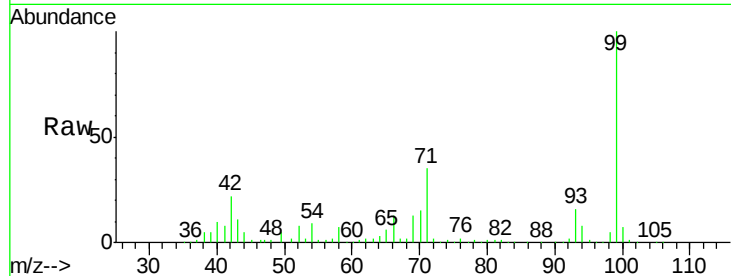
99 100

42 21.8 17.7 26.5

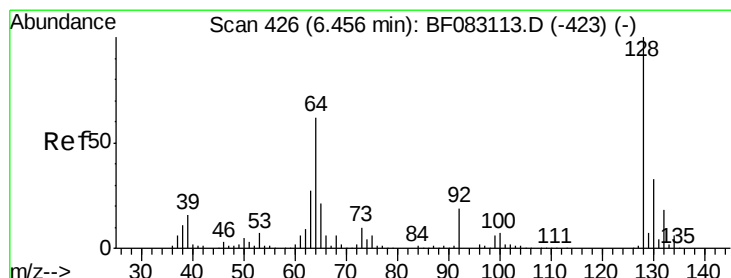
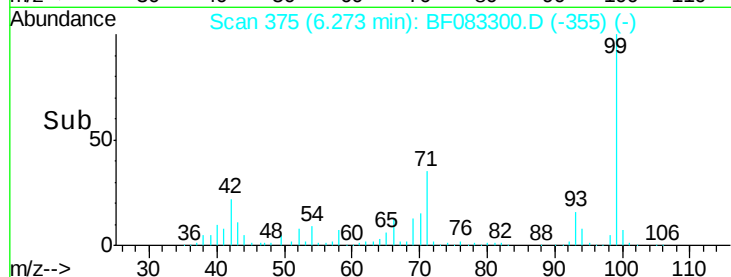
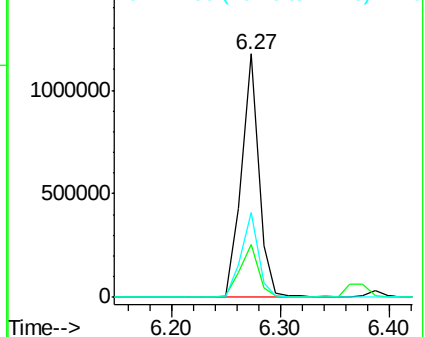
71 34.7 30.2 45.4

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.54 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

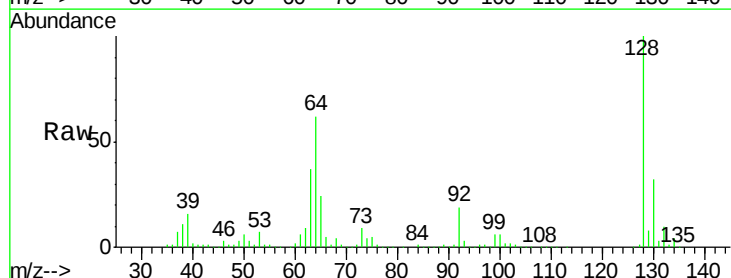
Tgt Ion: 128 Resp: 553114

Ion Ratio Lower Upper

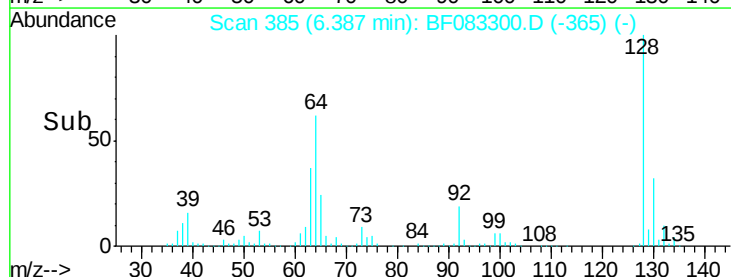
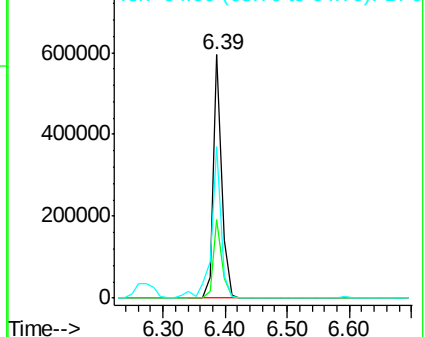
128 100

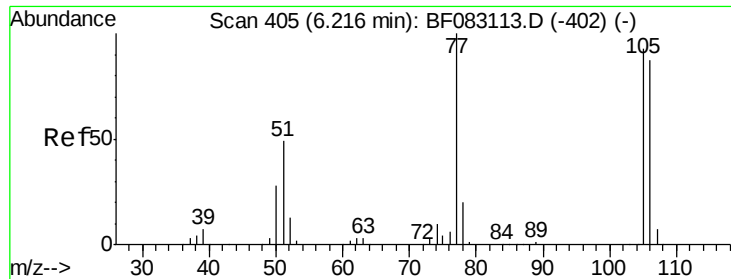
130 32.1 12.6 52.6

64 62.1 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.71 ng

RT: 6.14 min Scan# 363

Delta R.T. -0.08 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

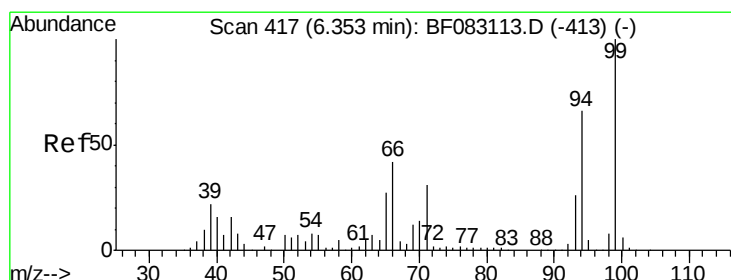
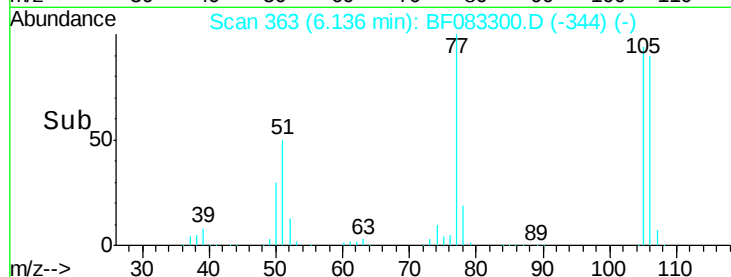
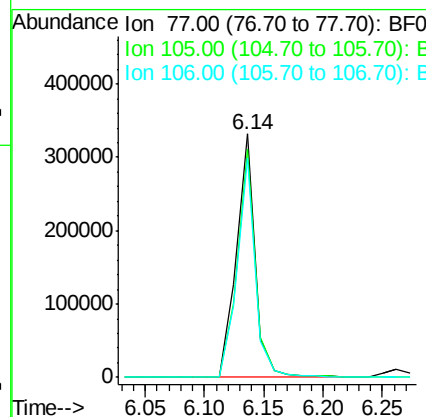
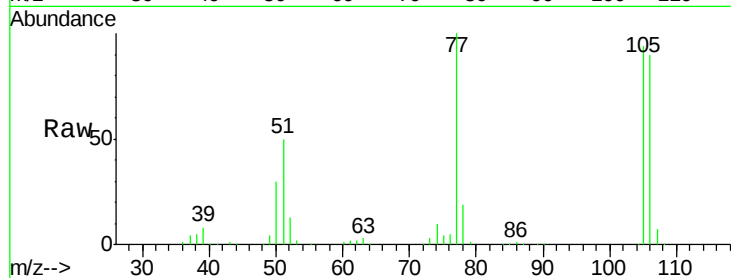
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	366510
Ion	Ratio	Lower	Upper
77	100		
105	93.8	73.4	113.4
106	90.1	67.5	107.5

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#10

Phenol

Concen: 37.66 ng

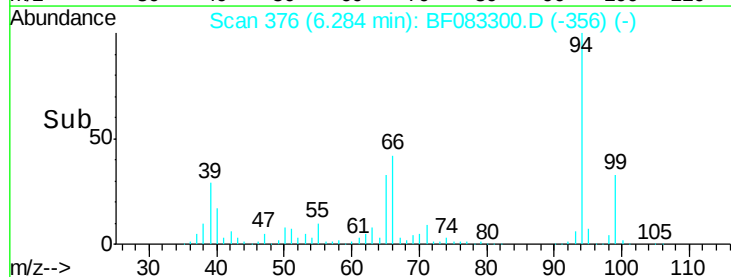
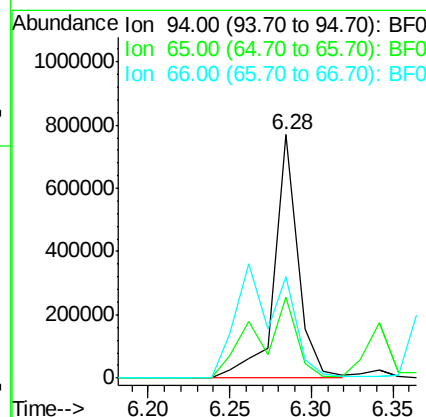
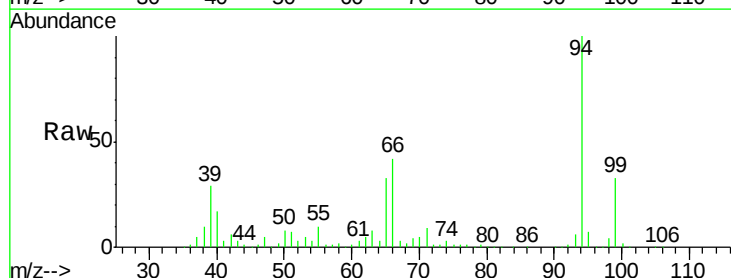
RT: 6.28 min Scan# 376

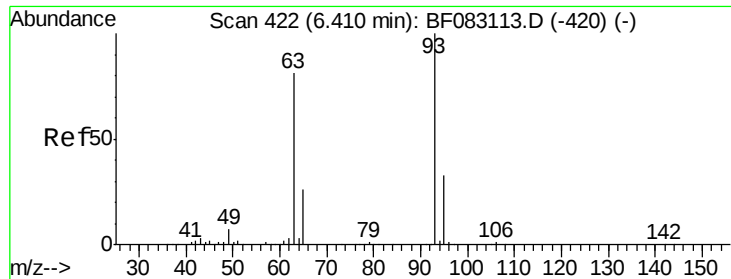
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	94	Resp:	782913
Ion	Ratio	Lower	Upper
94	100		
65	33.1	21.1	61.1
66	41.7	43.1	83.1#





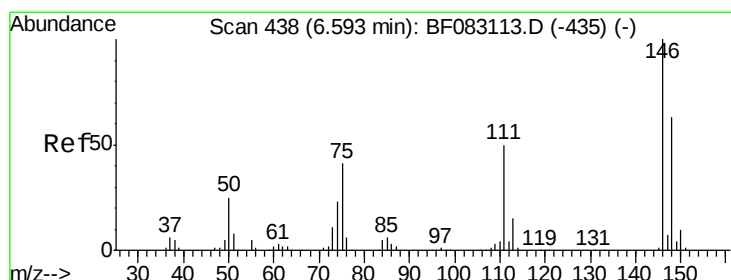
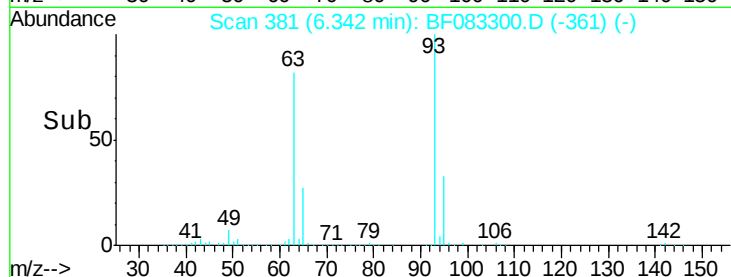
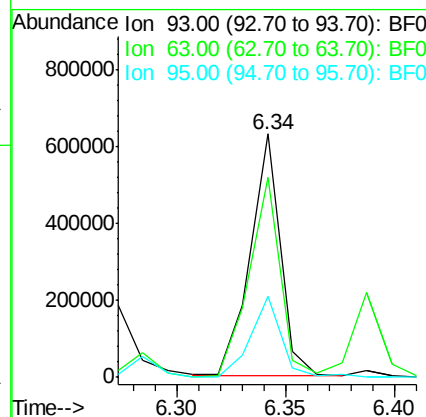
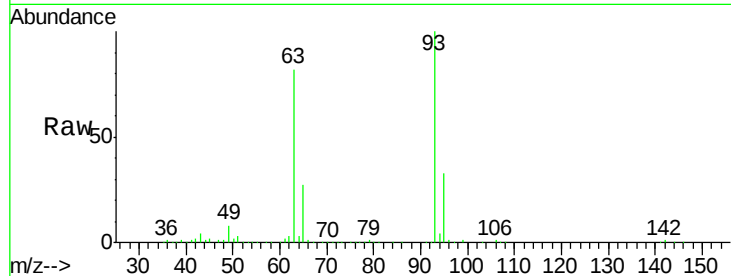
#11
bis(2-Chloroethyl)ether
Concen: 40.87 ng
RT: 6.34 min Scan# 381
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	606690		
63	82.4	59.8	99.8	
95	33.3	13.0	53.0	

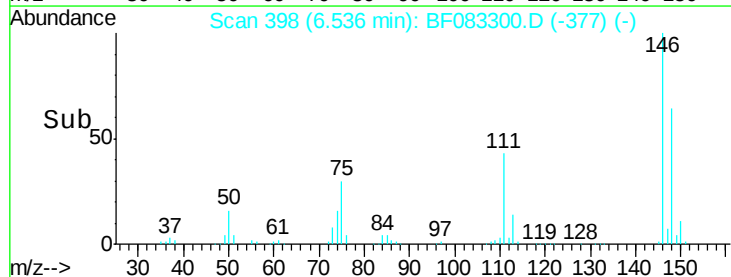
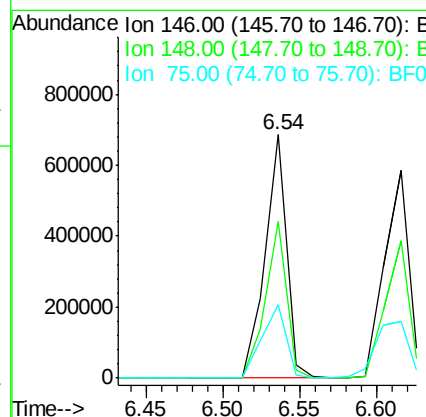
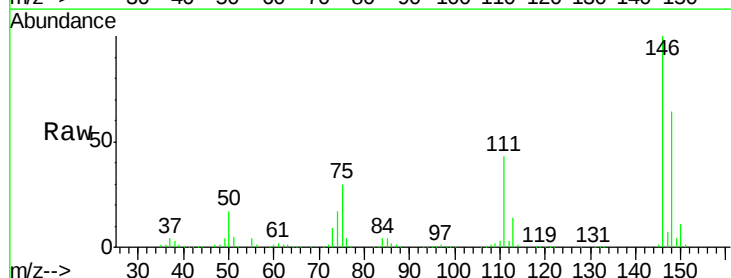
Manual Integrations
APPROVED

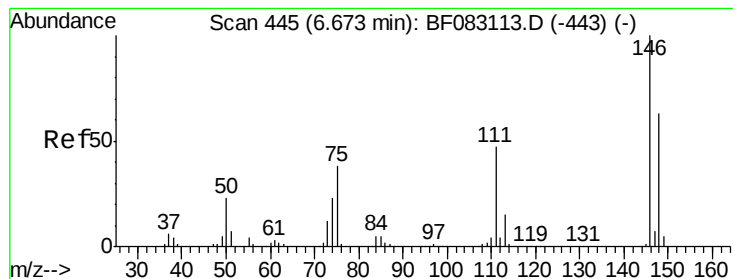
mmdadoda
11/26/2015 6:43:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.07 ng m
RT: 6.54 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	656652		
148	64.5	50.2	75.2	
75	30.0	32.7	49.1	





#13

1,4-Dichlorobenzene

Concen: 38.70 ng

RT: 6.62 min Scan# 405

Delta R.T. -0.06 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

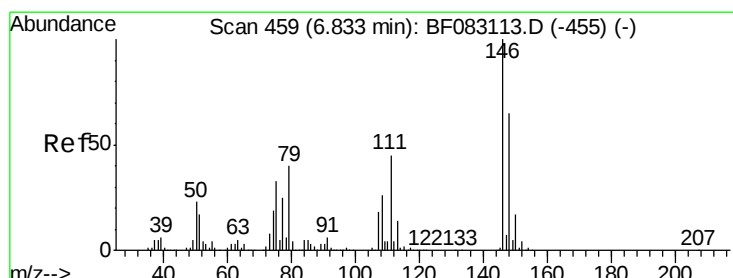
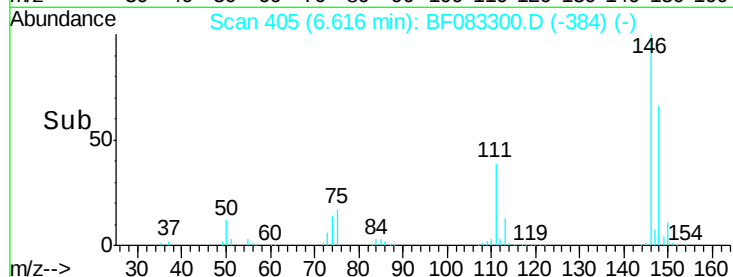
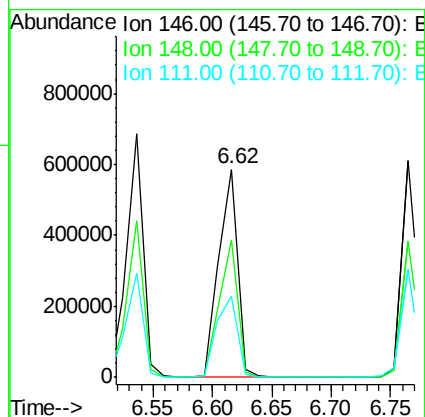
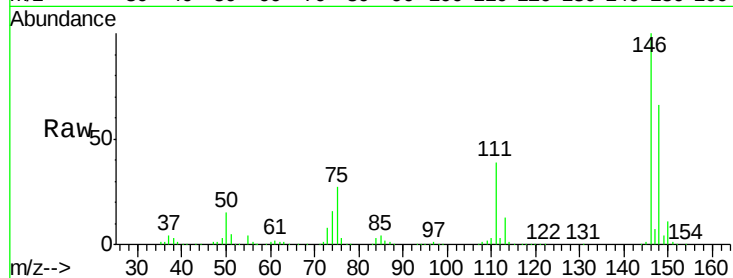
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	641368
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.2	75.2
111	39.0	37.5	56.3

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#14

1,2-Dichlorobenzene

Concen: 37.56 ng

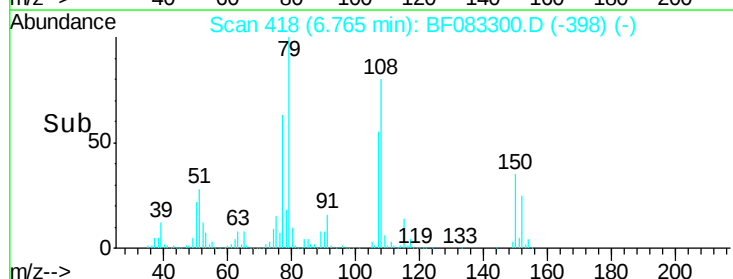
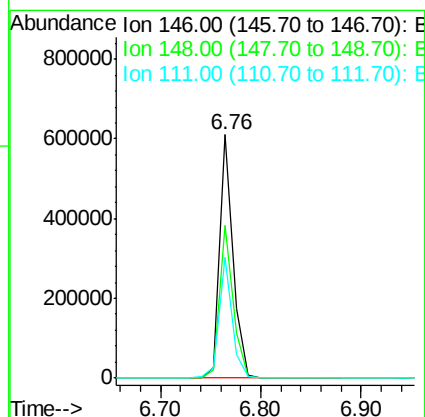
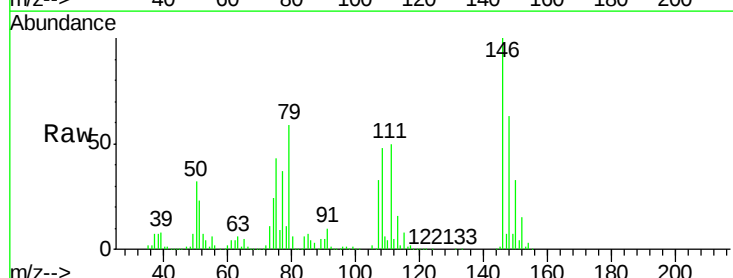
RT: 6.76 min Scan# 418

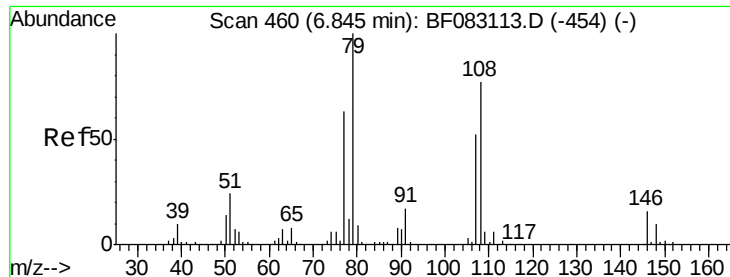
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	146	Resp:	565887
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.6
111	49.7	36.2	54.4





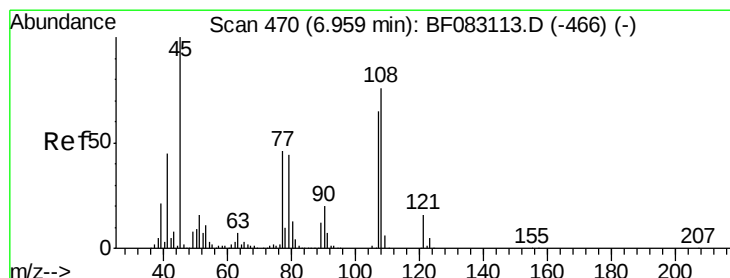
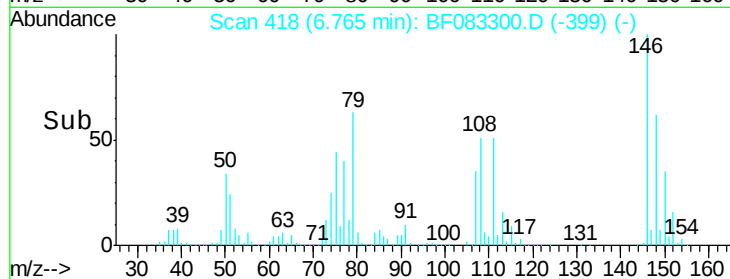
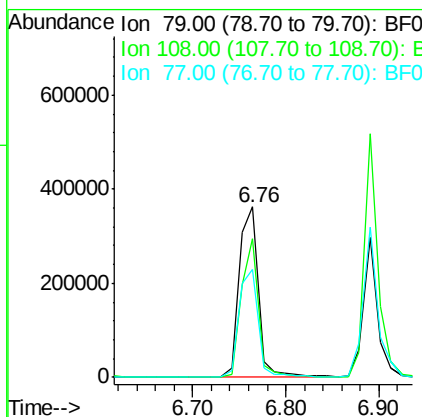
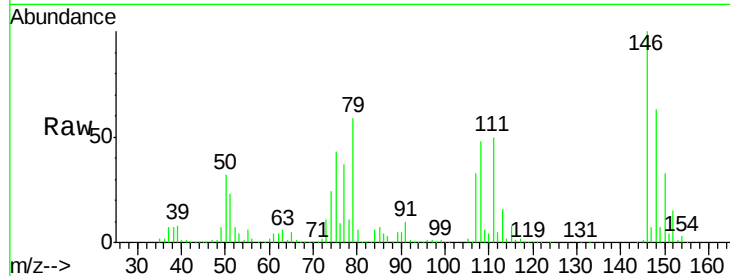
#15
Benzyl Alcohol
Concen: 36.21 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	61.4	92.2
77	63.1	50.5	75.7

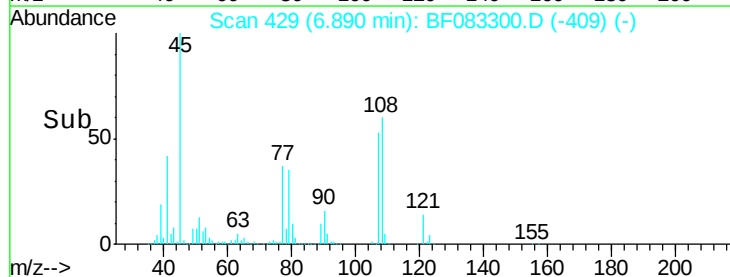
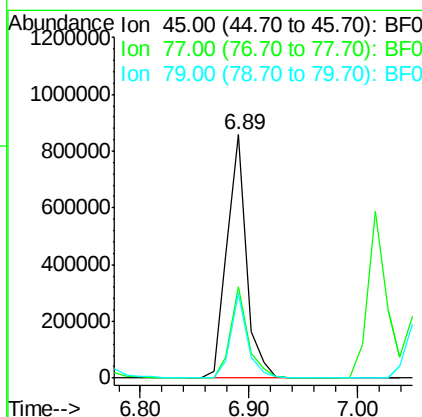
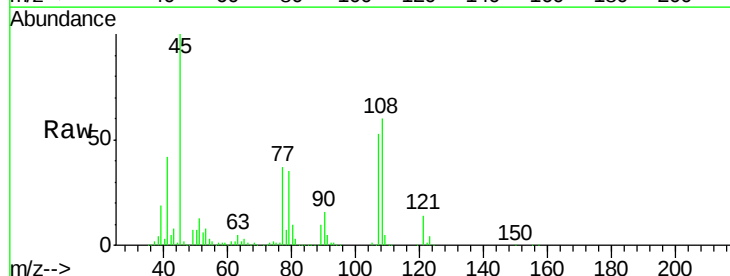
Manual Integrations
APPROVED

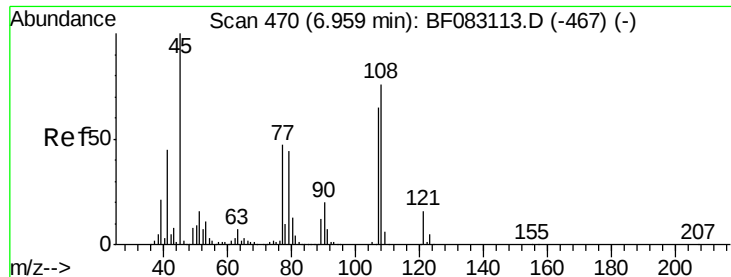
mmdadoda
11/26/2015 6:43:51 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.63 ng
RT: 6.89 min Scan# 429
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.3	26.7	66.7
79	34.8	24.3	64.3





#17

2-Methylphenol

Concen: 39.68 ng

RT: 6.89 min Scan# 429

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

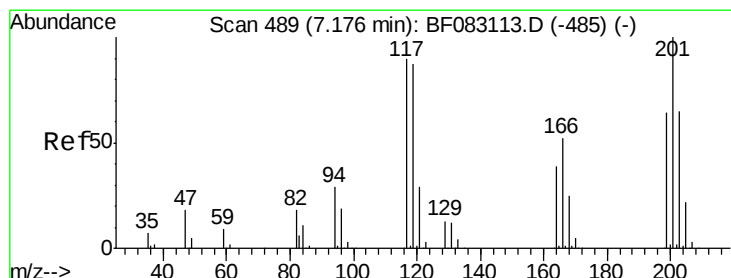
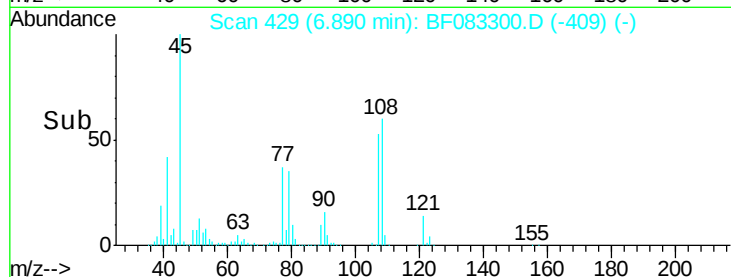
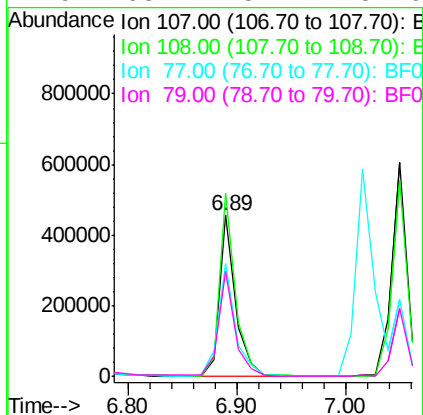
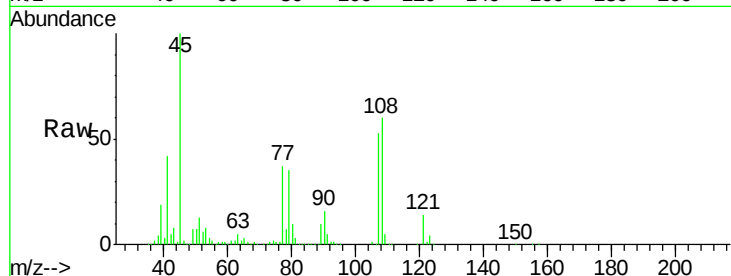
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	471161
Ion Ratio	Lower	Upper	
107	100		
108	113.4	93.8	140.6
77	70.2	57.4	86.0
79	65.4	54.4	81.6

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#18

Hexachloroethane

Concen: 28.11 ng

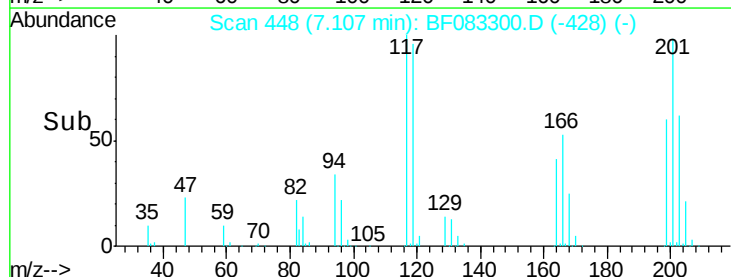
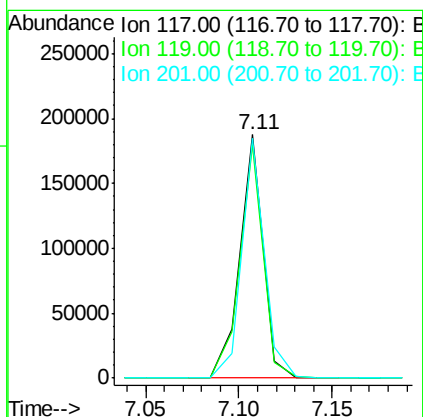
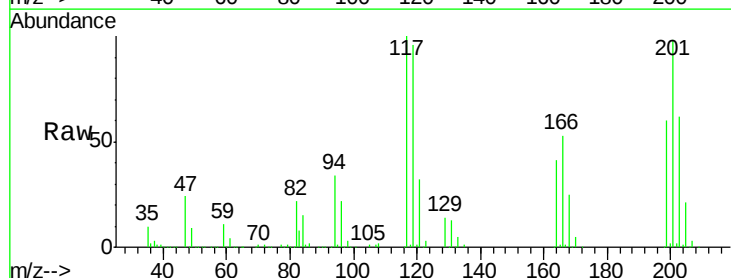
RT: 7.11 min Scan# 448

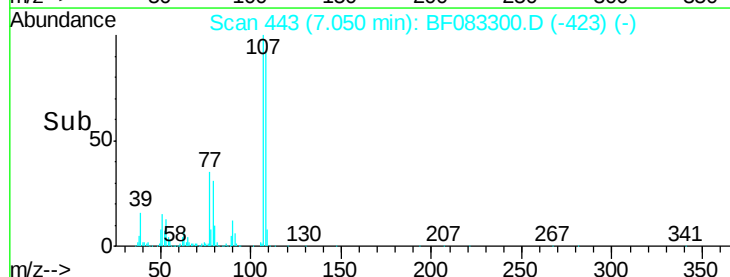
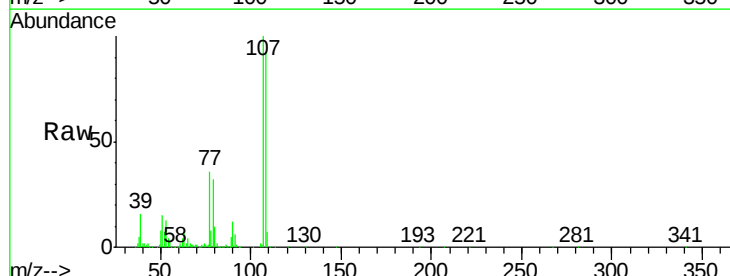
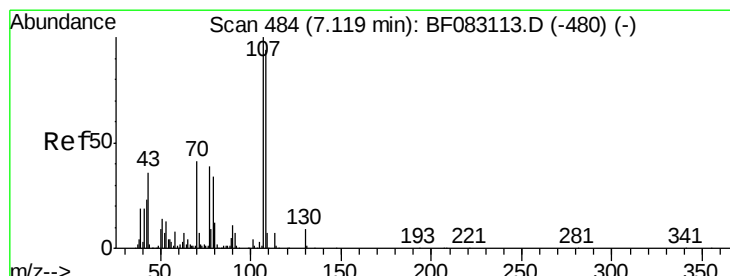
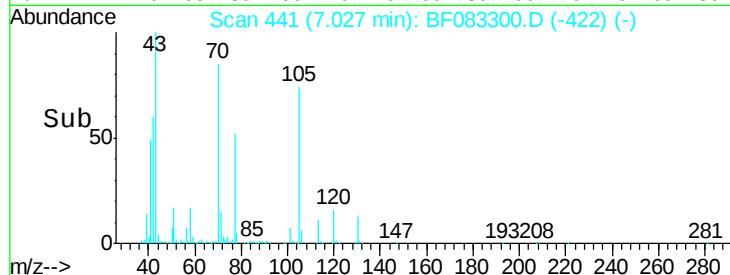
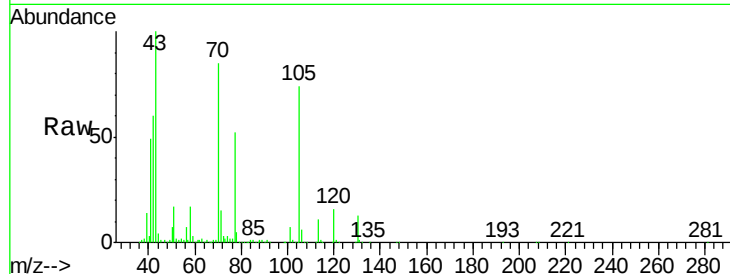
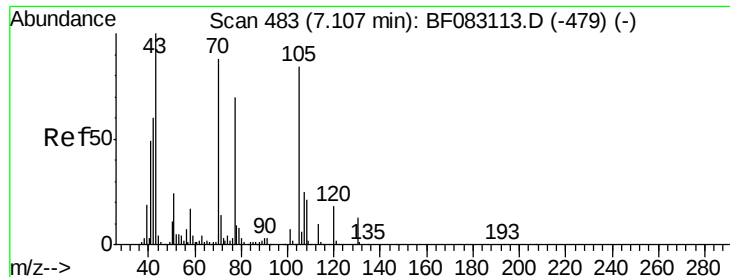
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	117	Resp:	164126
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.8	115.2
201	98.3	88.6	133.0

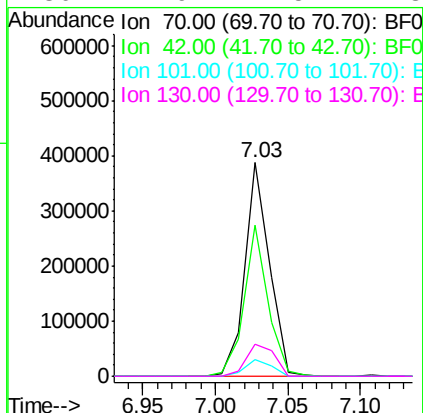




#19
n-Nitroso-di-n-propylamine
Concen: 37.85 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.9		54.5	81.7	
101	8.0		6.6	9.8	
130	14.9		11.5	17.3	

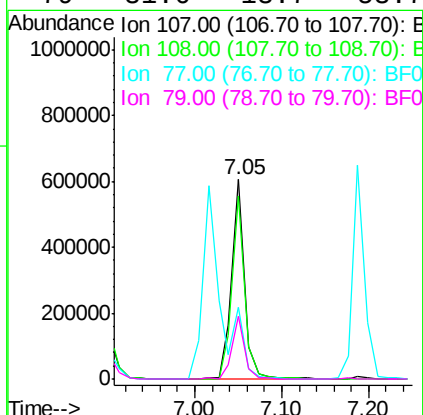


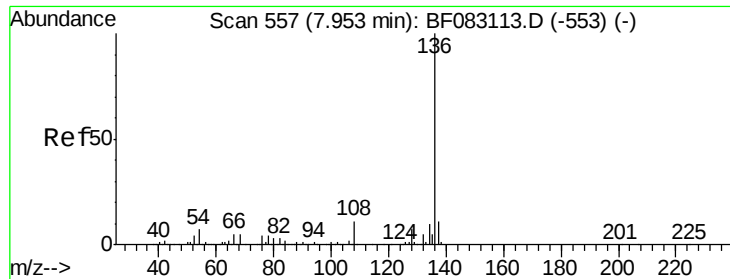
Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM

#20
3+4-Methylphenols
Concen: 41.09 ng
RT: 7.05 min Scan# 443
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7		73.8	113.8	
77	35.7		19.1	59.1	
79	31.6		13.7	53.7	





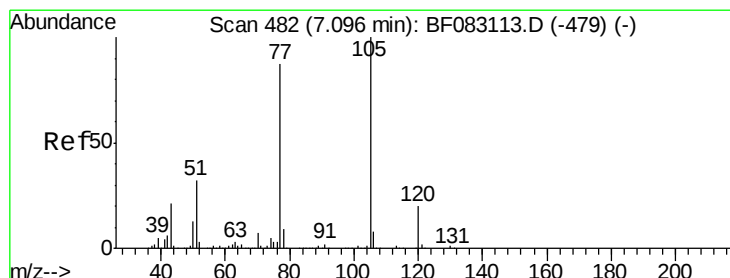
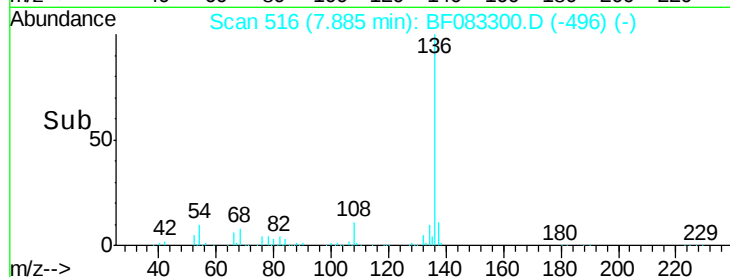
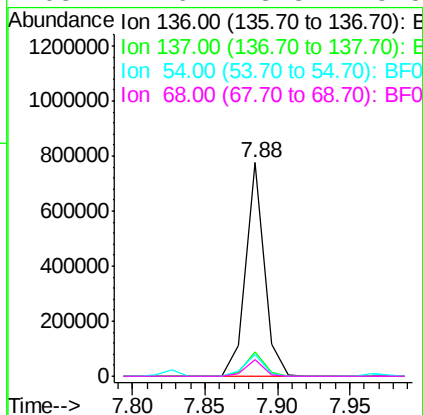
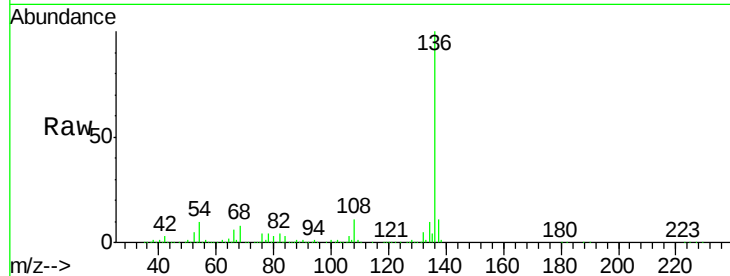
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	695302		
137	11.3	8.7	13.1	
54	10.3	5.8	8.6#	
68	7.6	3.8	5.8#	

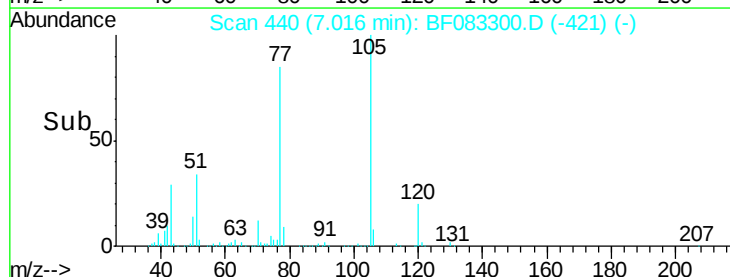
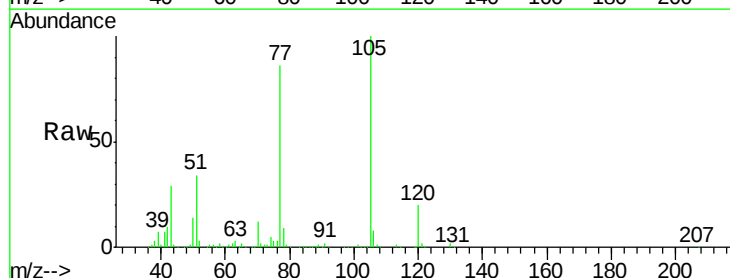
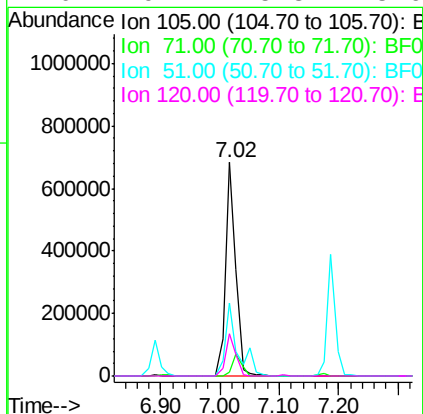
Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#22
Acetophenone
Concen: 40.77 ng
RT: 7.02 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	813726		
71	2.0	1.0	1.4#	
51	34.2	25.6	38.4	
120	19.7	15.8	23.6	





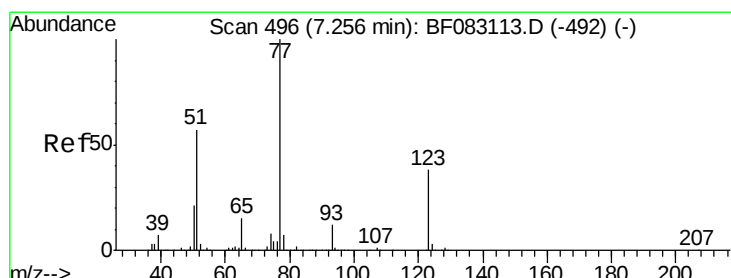
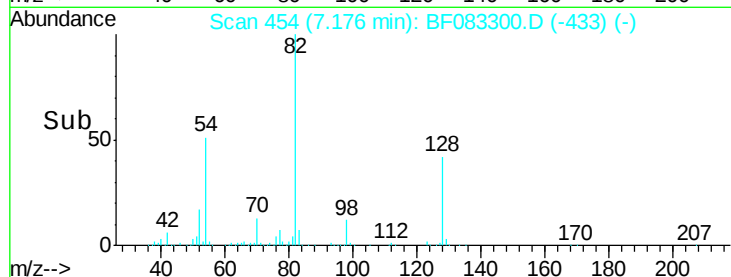
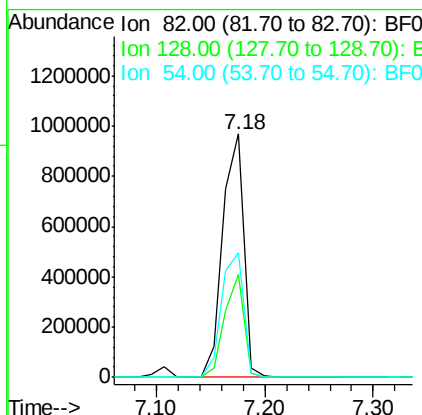
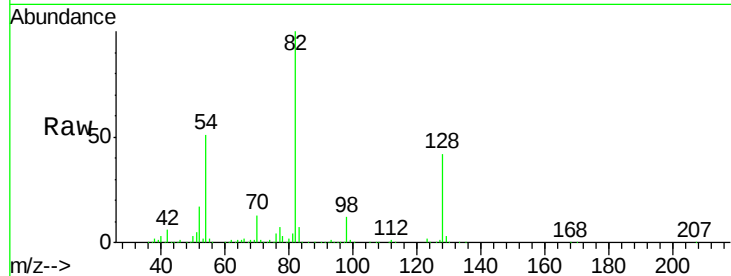
#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1300159
Ion Ratio	100	Lower	Upper
82	100		
128	42.0	28.5	42.7
54	51.0	44.6	67.0

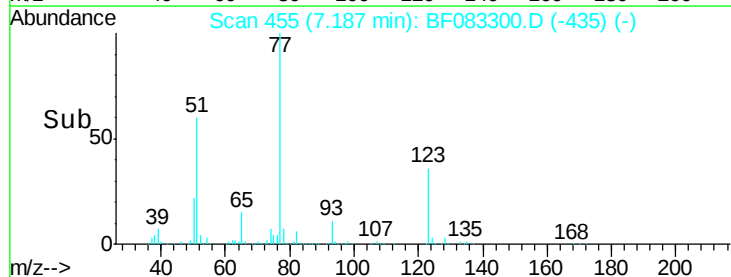
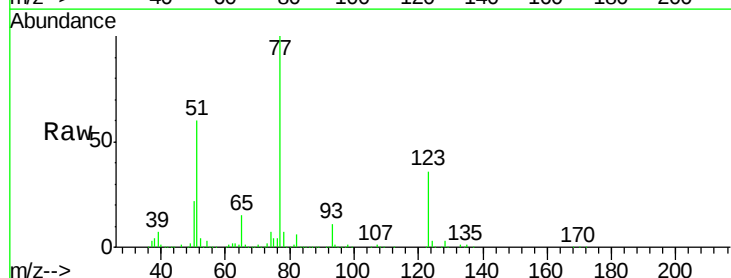
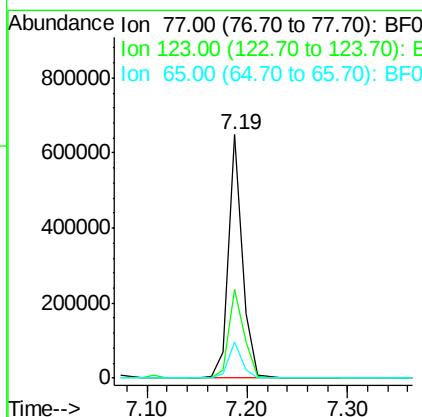
Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM



#24
 Nitrobenzene
 Concen: 38.25 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	77	Resp	621899
Ion Ratio	100	Lower	Upper
77	100		
123	36.4	30.1	45.1
65	14.6	11.6	17.4





#25

Isophorone

Concen: 41.28 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.09 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1189449

Ion Ratio Lower Upper

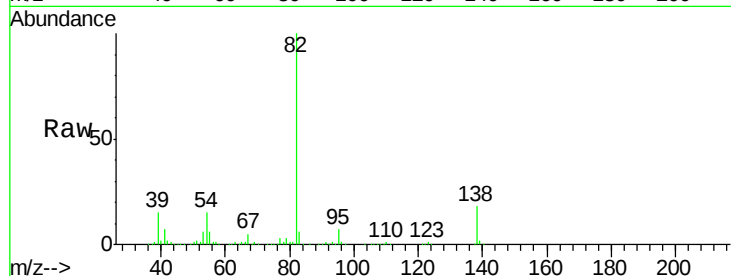
82 100

95 6.8 5.8 8.8

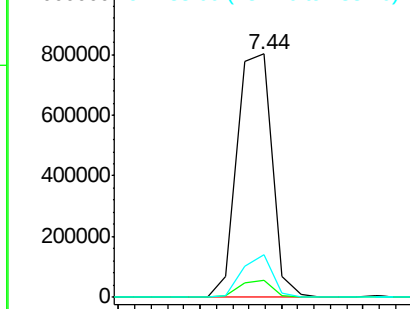
138 17.7 11.6 17.4#

Manual Integrations
APPROVED

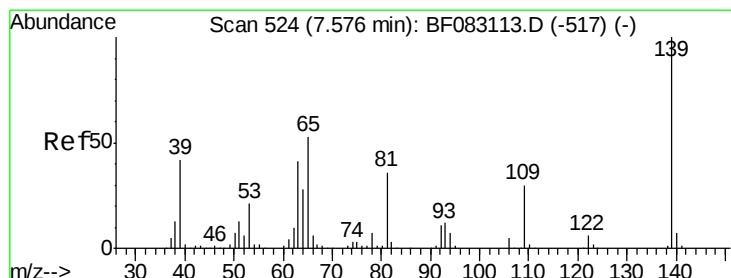
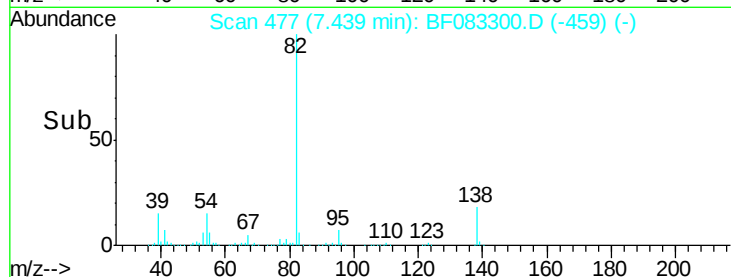
mmdadoda
11/26/2015 6:43:51 PM



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



Time--> 7.35 7.40 7.45 7.50



#26

2-Nitrophenol

Concen: 31.23 ng

RT: 7.51 min Scan# 483

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

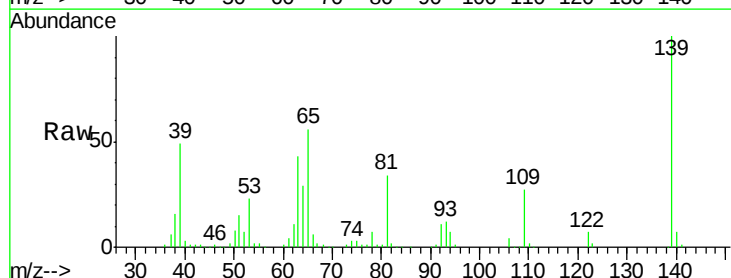
Tgt Ion: 139 Resp: 224155

Ion Ratio Lower Upper

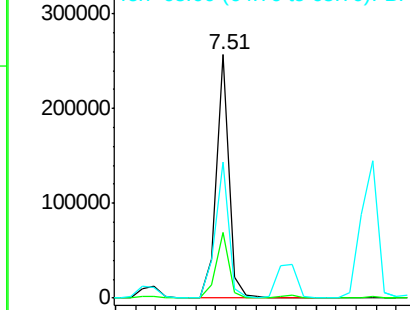
139 100

109 27.0 23.9 35.9

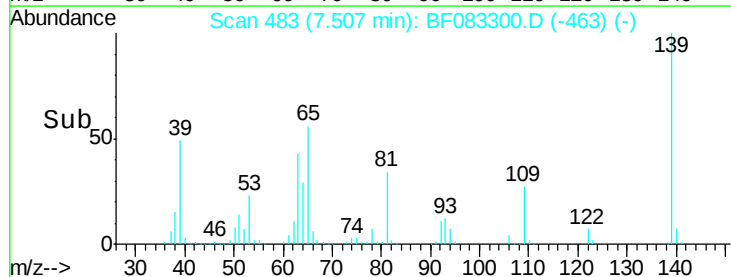
65 55.9 42.7 64.1

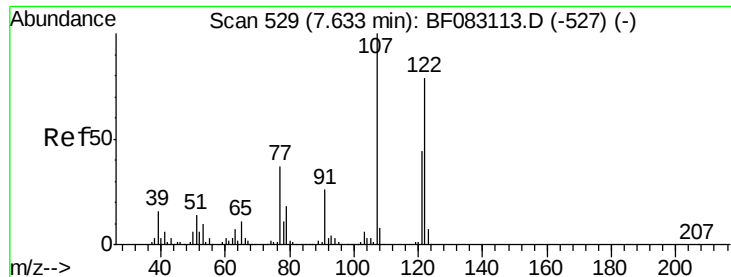


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



Time--> 7.40 7.50 7.60





#27

2,4-Dimethylphenol

Concen: 40.10 ng

RT: 7.58 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

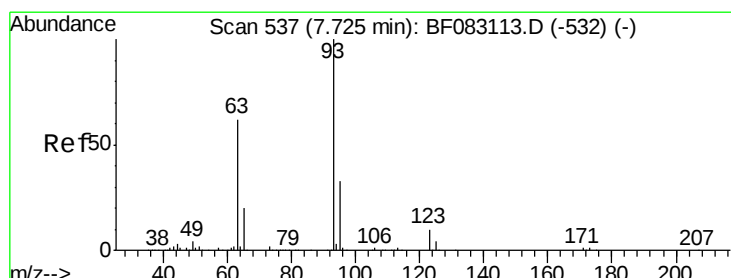
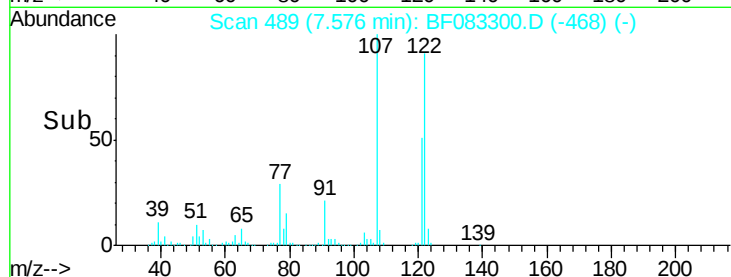
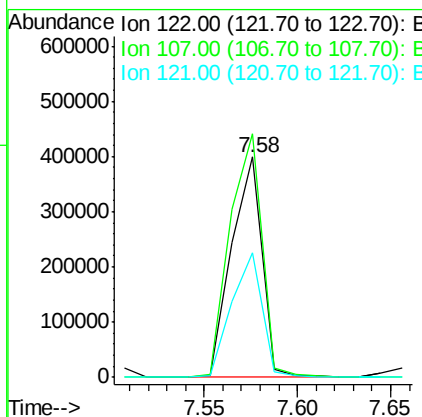
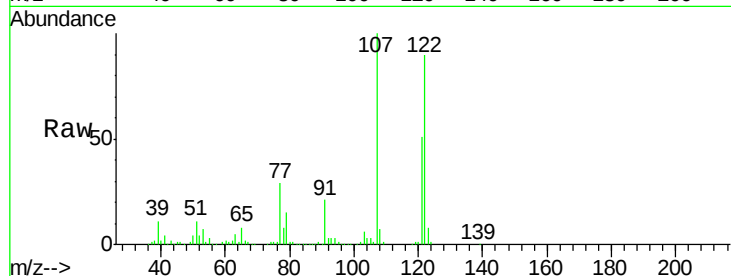
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	459385
Ion Ratio	Lower	Upper	
122	100		
107	110.5	101.1	151.7
121	56.3	44.9	67.3

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.51 ng

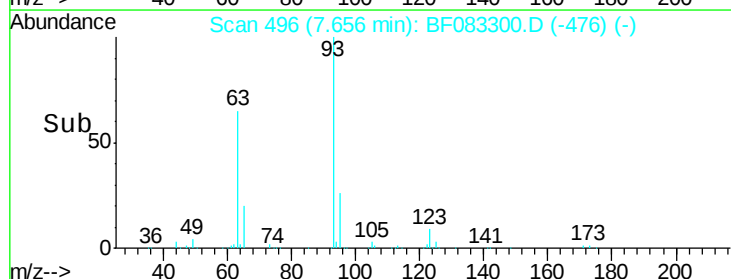
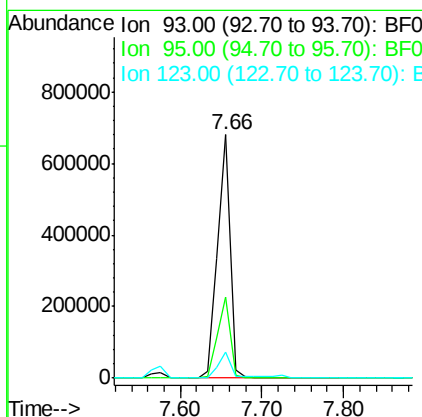
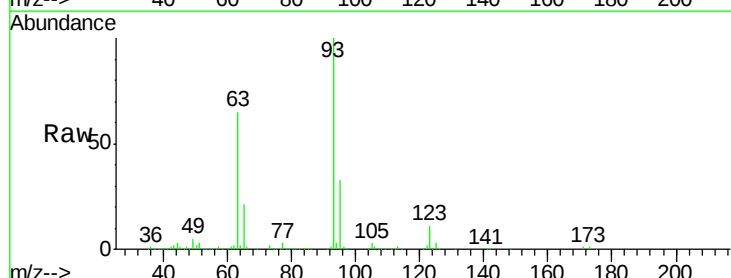
RT: 7.66 min Scan# 496

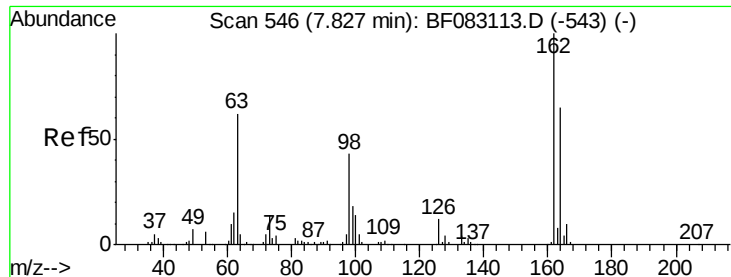
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	93	Resp:	728764
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	10.6	8.1	12.1





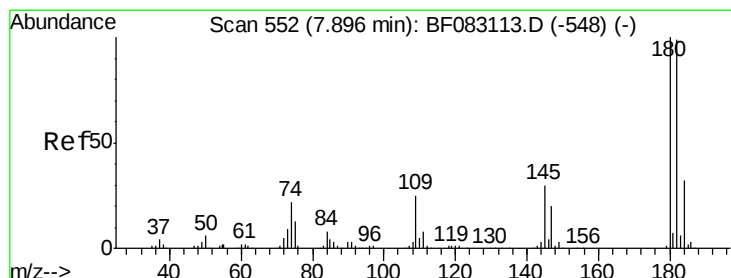
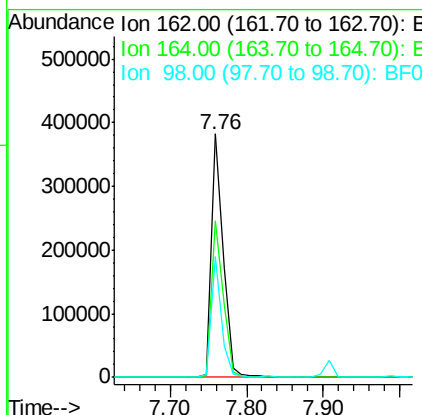
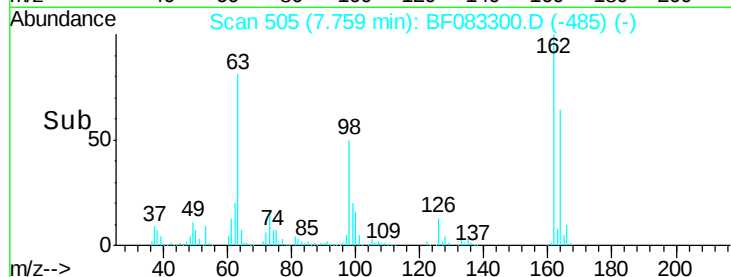
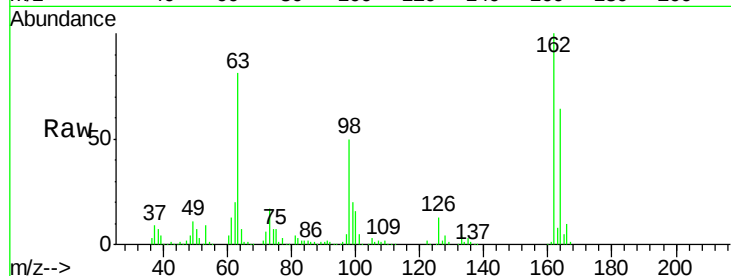
#29
2,4-Dichlorophenol
Concen: 36.97 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402786		
164	64.3		44.8	84.8
98	49.7		23.1	63.1

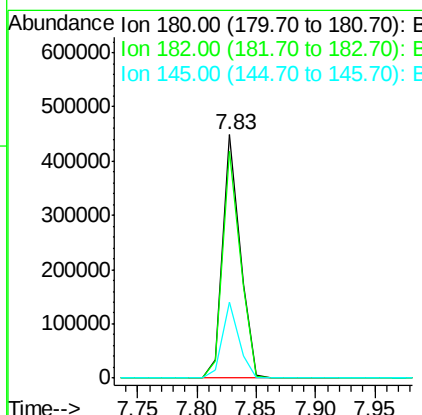
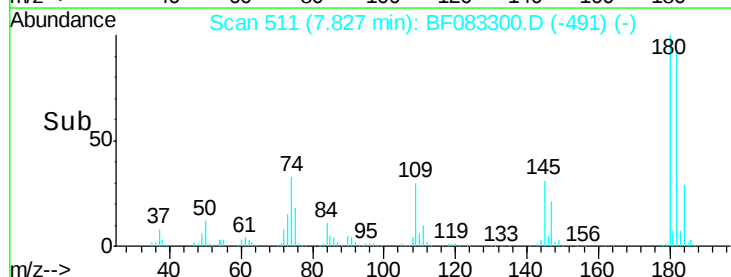
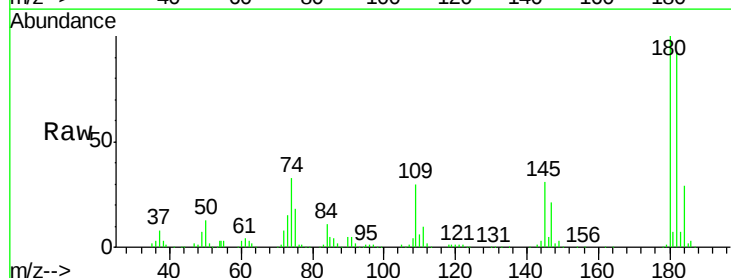
Manual Integrations
APPROVED

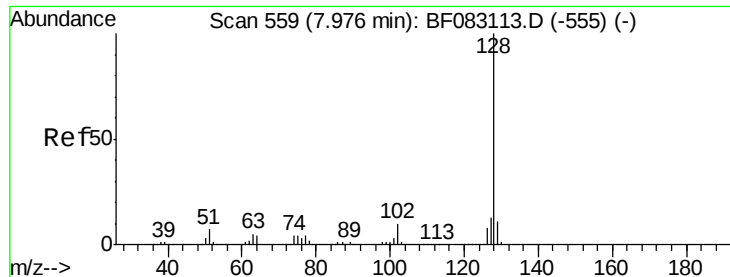
mmdadoda
11/26/2015 6:43:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.03 ng
RT: 7.83 min Scan# 511
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455091		
182	93.1		79.0	118.6
145	31.0		24.2	36.2





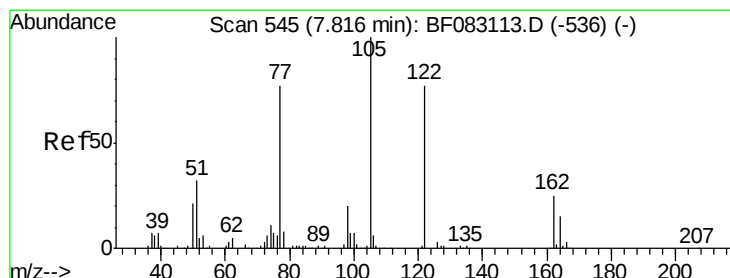
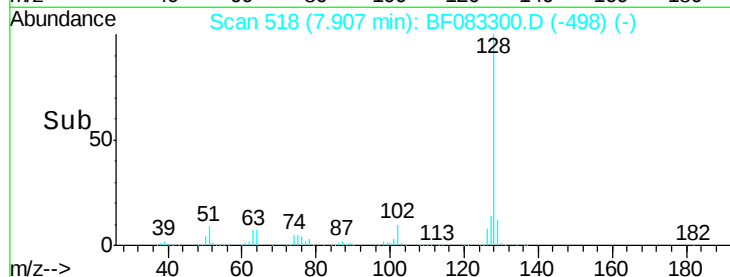
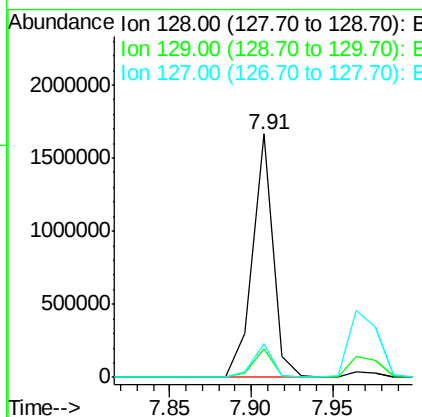
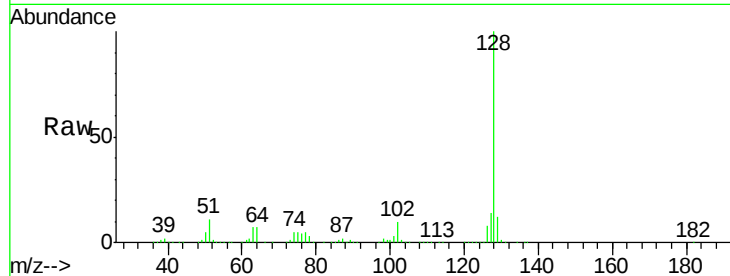
#31
Naphthalene
Concen: 38.91 ng
RT: 7.91 min Scan# 518
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1459979
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.9 10.6 15.8

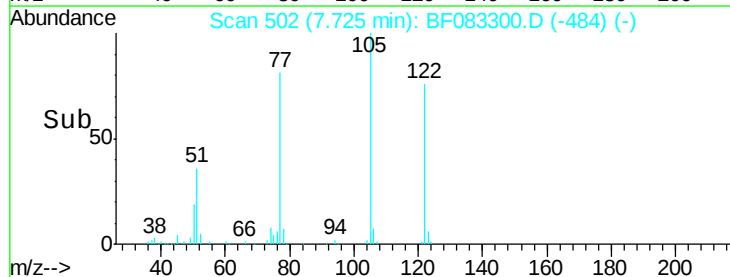
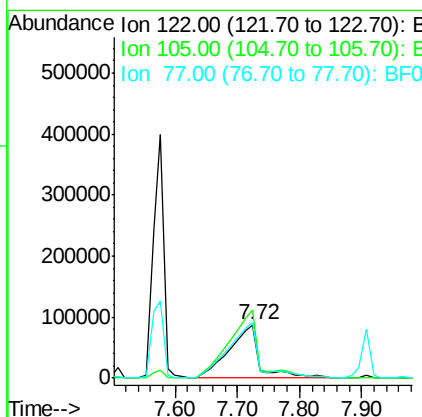
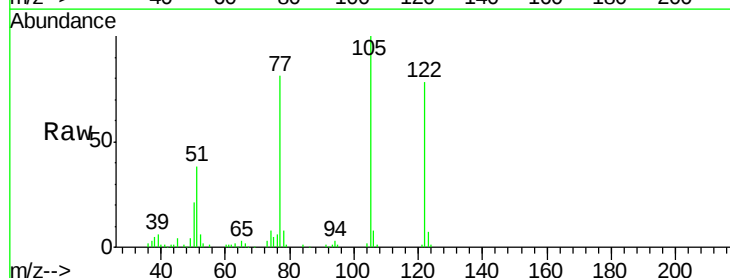
Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#32
Benzoic acid
Concen: 32.14 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.09 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion:122 Resp: 286218
Ion Ratio Lower Upper
122 100
105 128.7 109.7 149.7
77 104.7 79.7 119.7





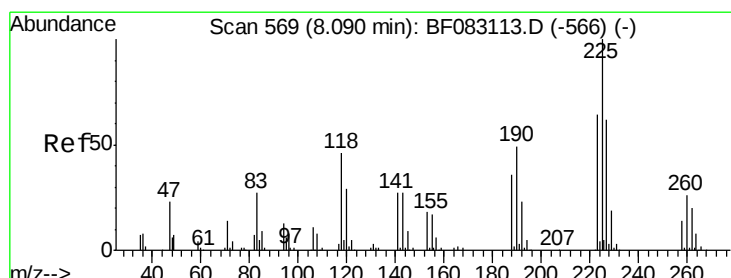
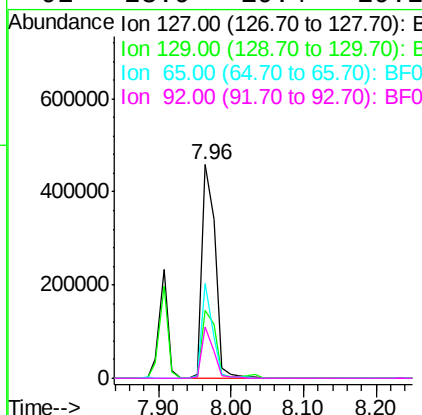
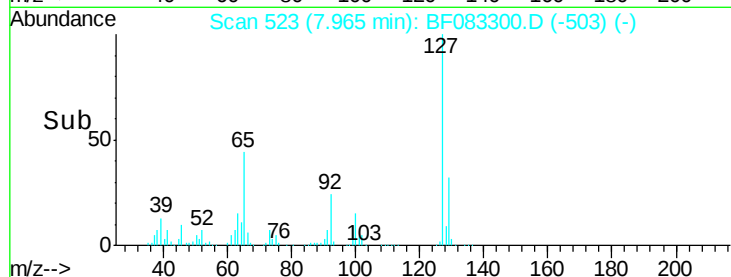
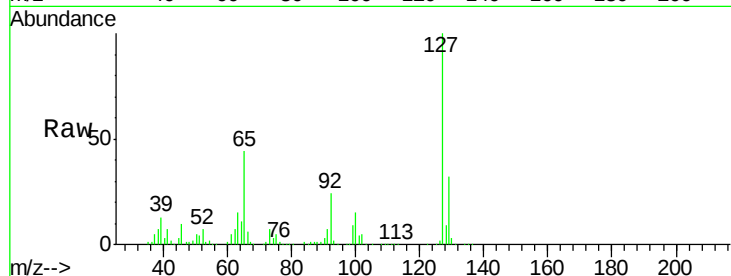
#33
4-Chloroaniline
Concen: 40.07 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.7	38.5		
65	44.4	35.5	53.3		
92	23.9	19.4	29.2		

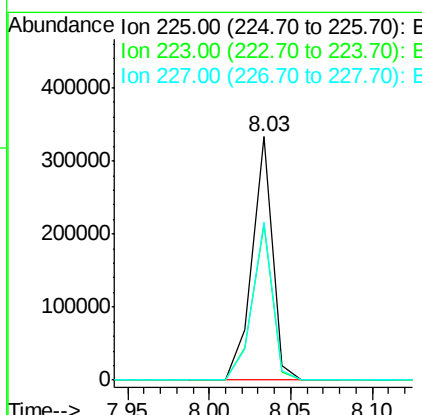
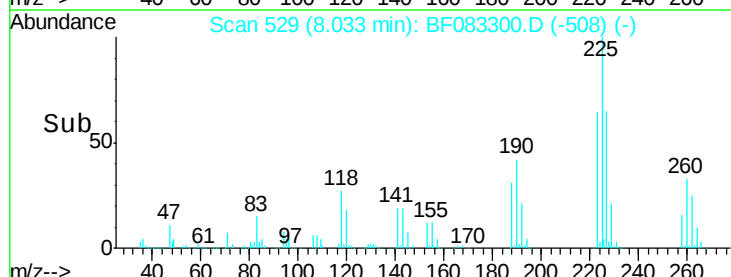
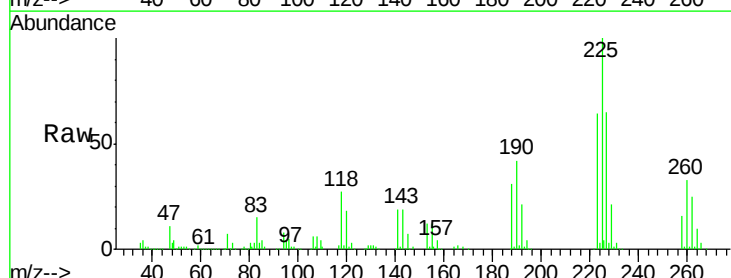
Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#34
Hexachlorobutadiene
Concen: 41.01 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	51.3	76.9		
227	64.7	49.8	74.8		





#35

Caprolactam

Concen: 35.52 ng

RT: 8.35 min Scan# 557

Delta R.T. -0.14 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

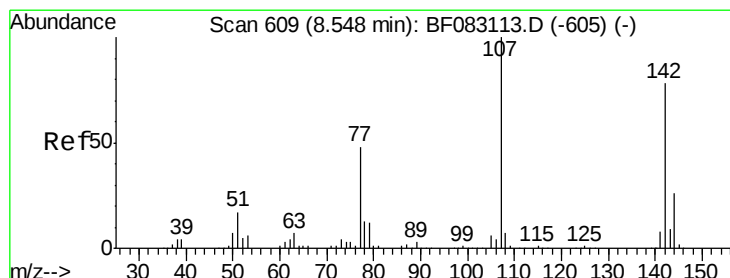
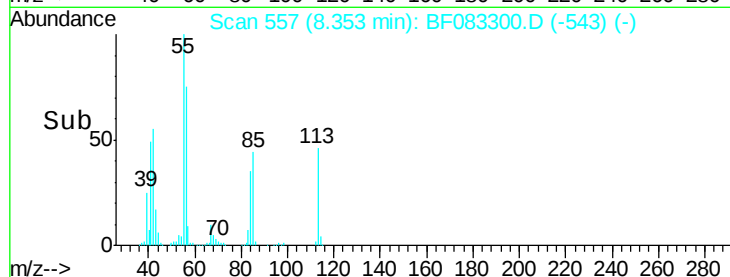
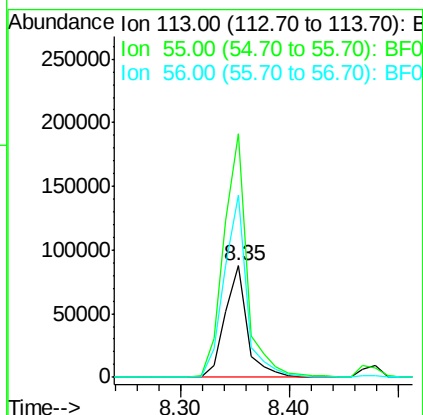
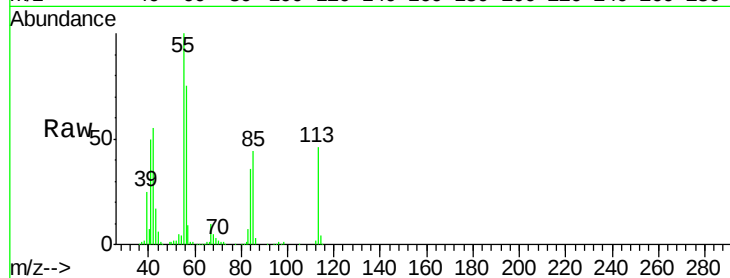
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	124010
Ion Ratio	Lower	Upper	
113	100		
55	218.7	192.6	232.6
56	163.6	148.6	188.6

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#36

4-Chloro-3-methylphenol

Concen: 33.34 ng

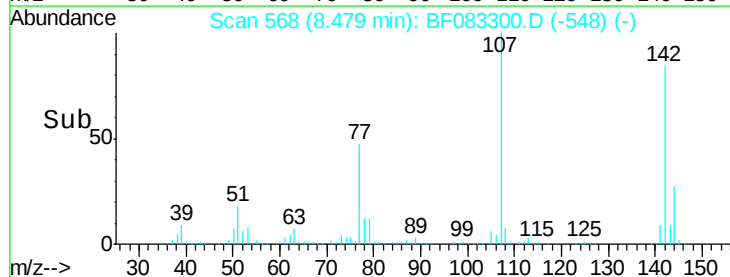
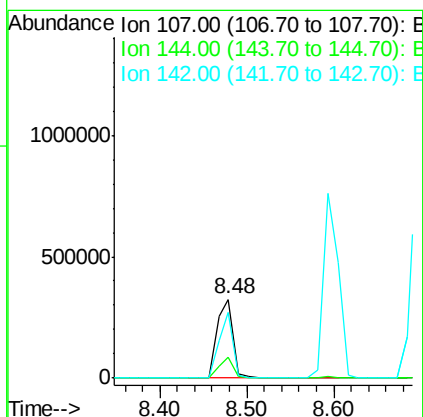
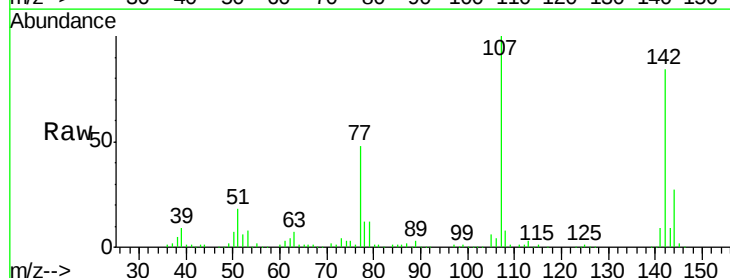
RT: 8.48 min Scan# 568

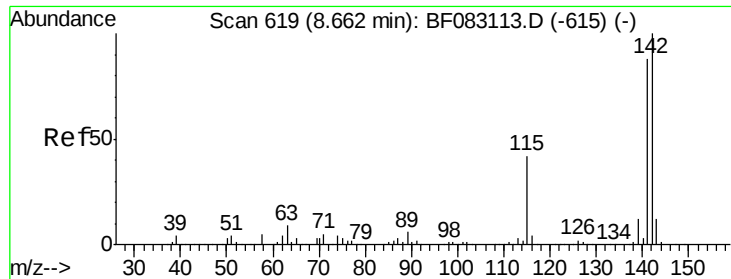
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	107	Resp:	420806
Ion Ratio	Lower	Upper	
107	100		
144	26.8	20.8	31.2
142	83.6	62.1	93.1





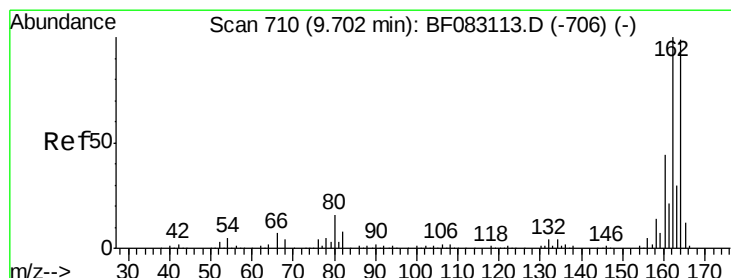
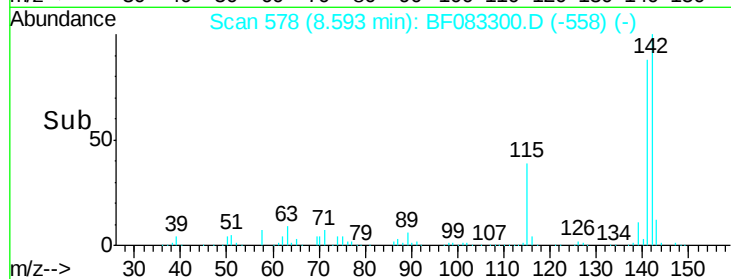
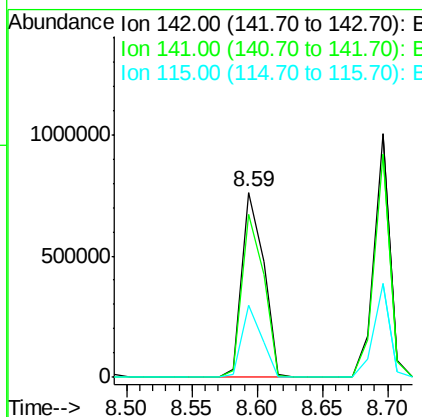
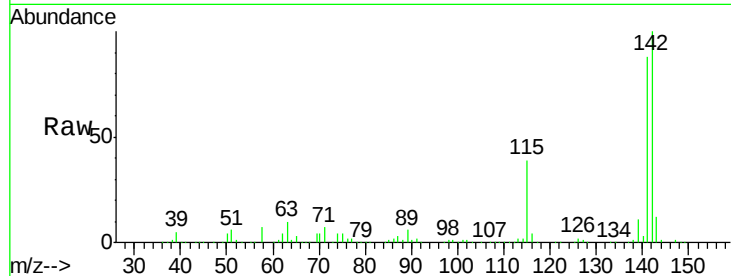
#37
2-Methylnaphthalene
Concen: 36.17 ng
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	38.6	33.4	50.2

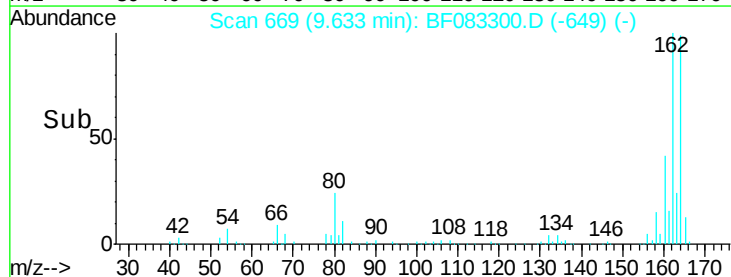
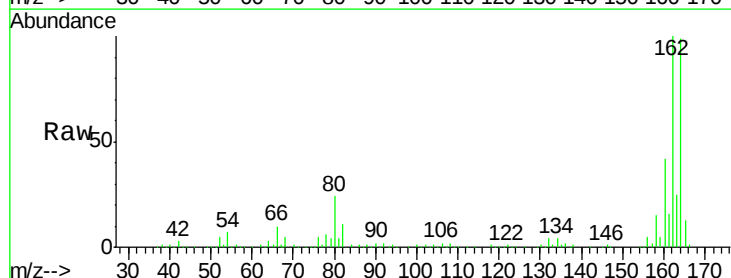
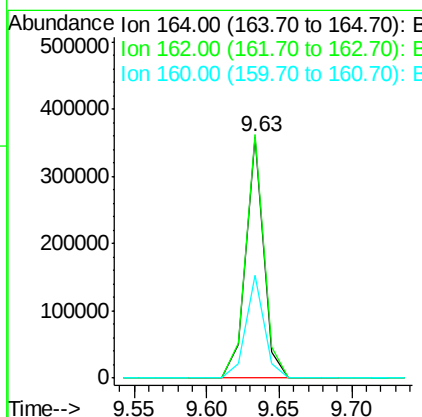
Manual Integrations
APPROVED

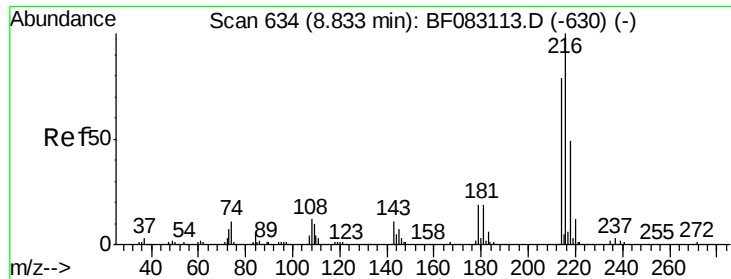
mmdadoda
11/26/2015 6:43:51 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	42.6	35.6	53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.00 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

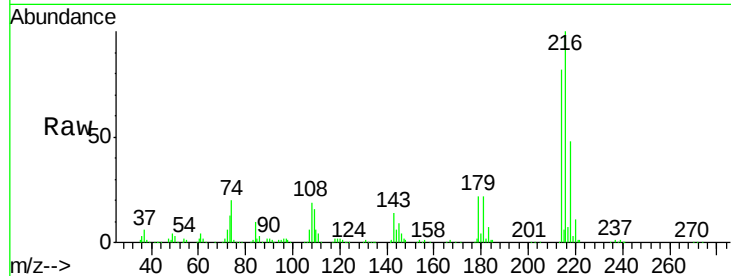
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	410178		
214	81.4	63.8	95.8	
179	21.7	17.0	25.6	
108	20.3	15.2	22.8	

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM

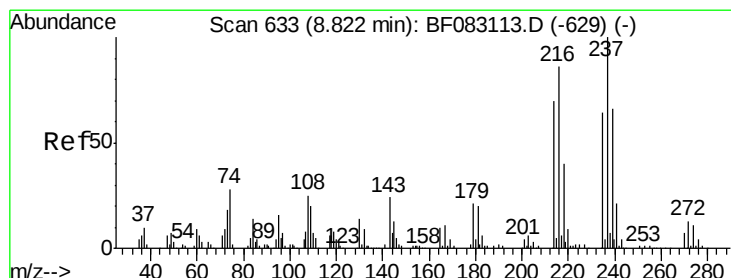
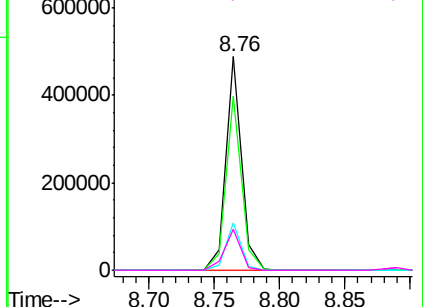
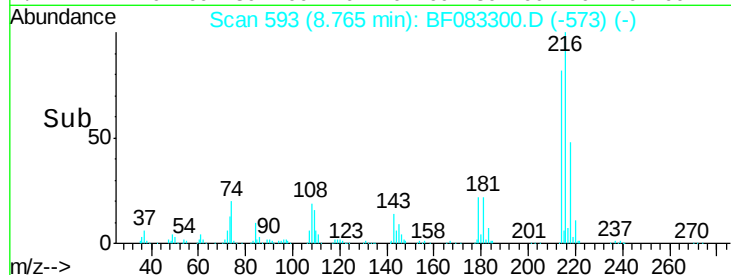


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.21 ng

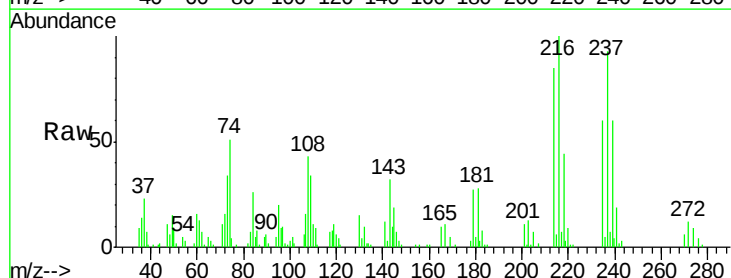
RT: 8.75 min Scan# 592

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

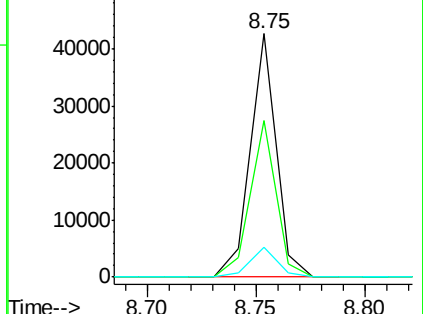
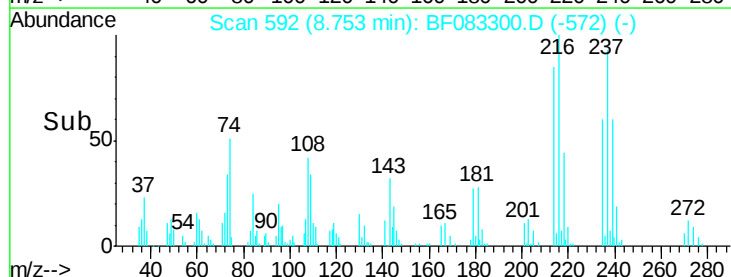
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35328		
235	64.6	43.5	83.5	
272	12.5	0.0	33.1	

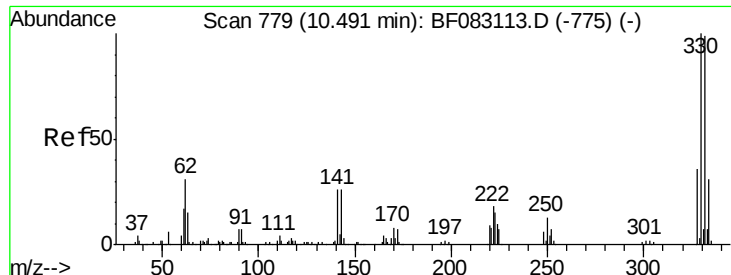


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





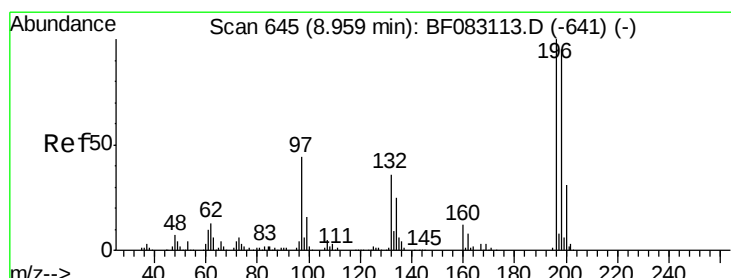
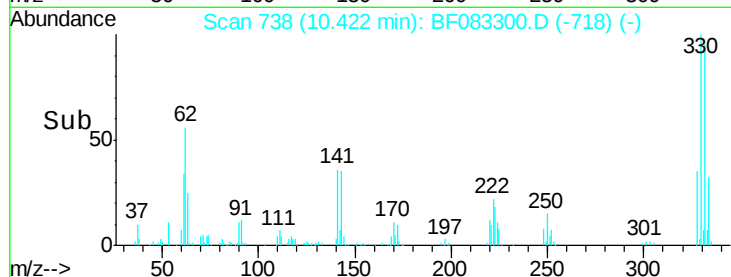
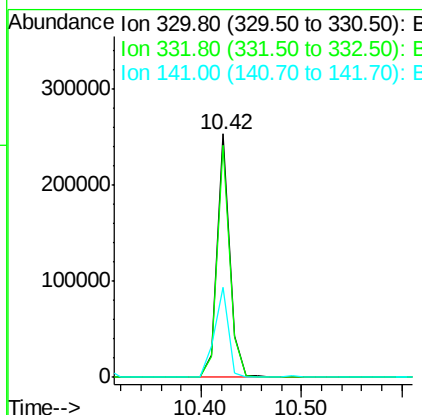
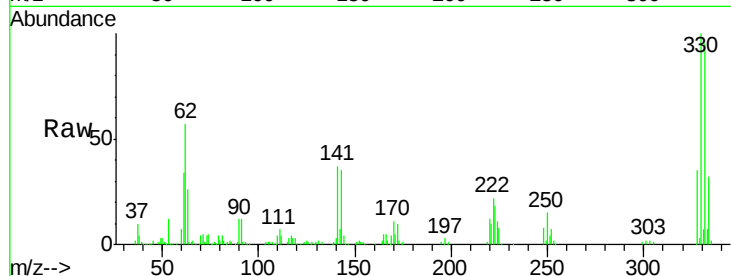
#41
 2,4,6-Tribromophenol
 Concen: 70.75 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223415		
332	95.2	77.7	116.5	
141	40.5	29.7	44.5	

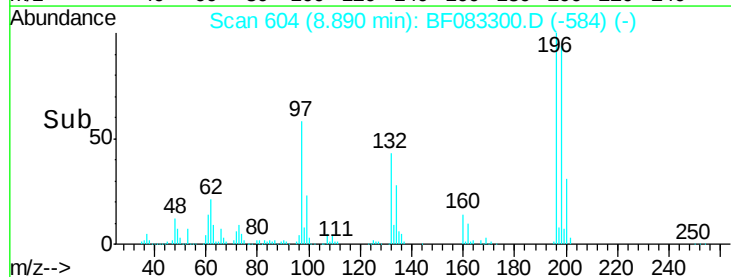
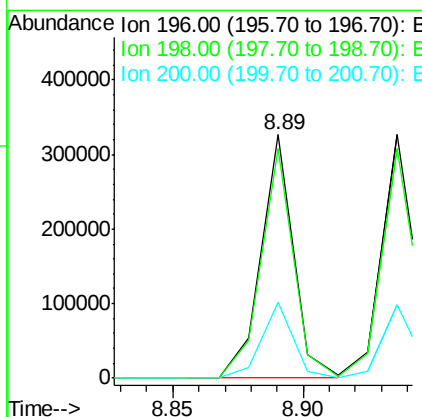
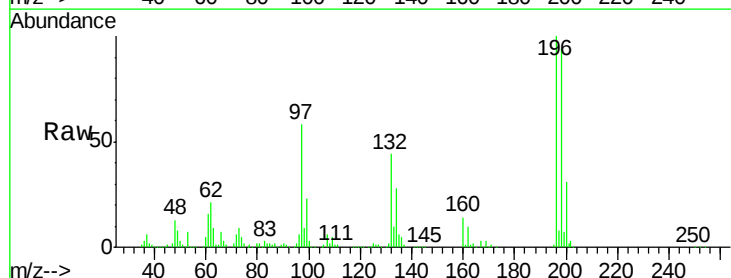
Manual Integrations
 APPROVED

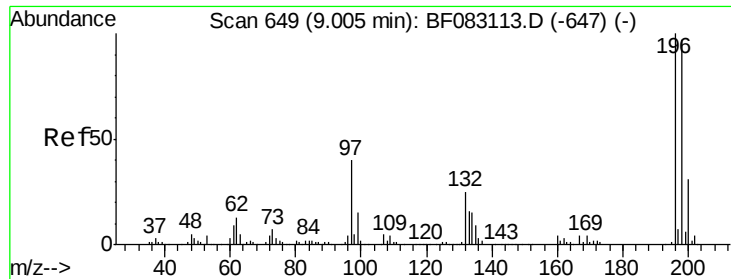
mmdadoda
 11/26/2015 6:43:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286056		
198	94.5	75.9	113.9	
200	31.0	24.5	36.7	





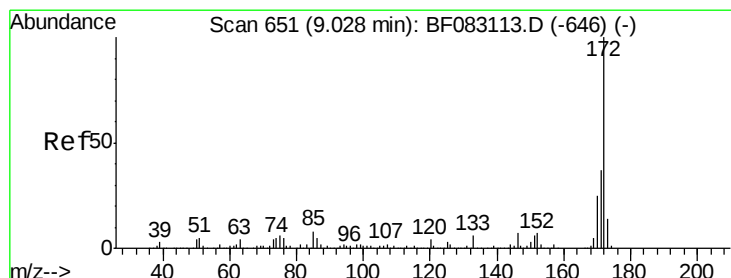
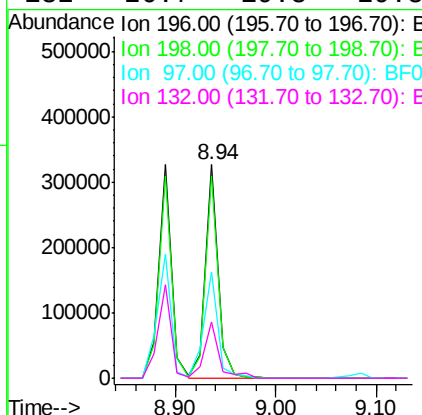
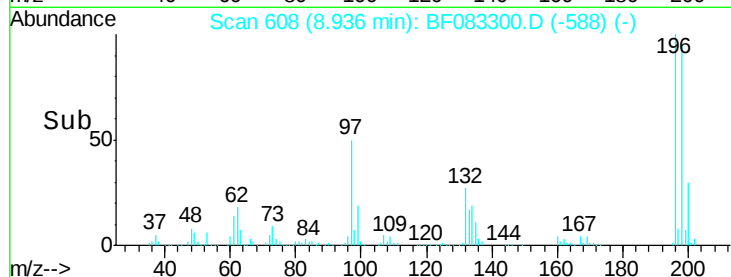
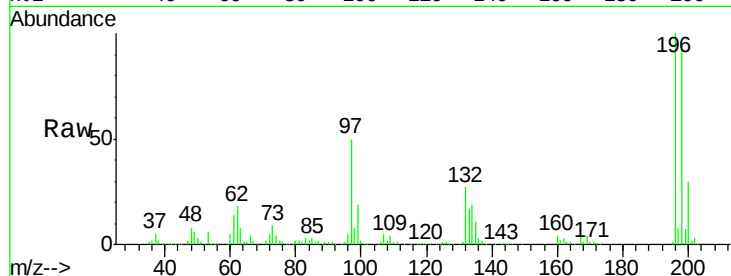
#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289069		
198	94.6	77.6	116.4	
97	49.7	32.6	48.8	
132	26.7	19.8	29.8	

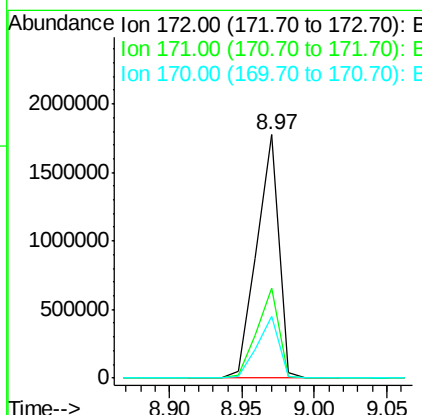
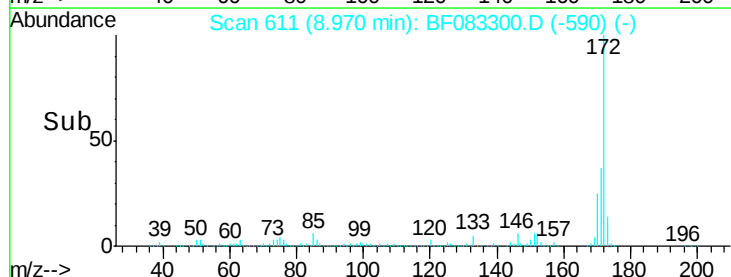
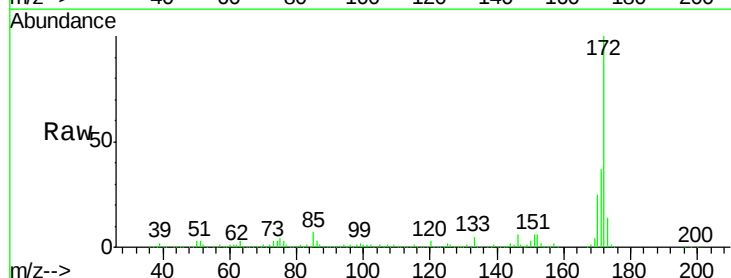
Manual Integrations
 APPROVED

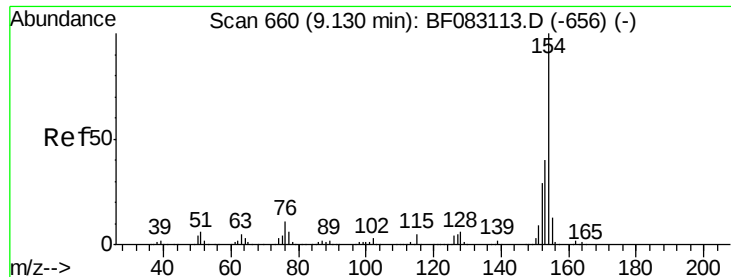
mmdadoda
 11/26/2015 6:43:51 PM



#44
 2-Fluorobiphenyl
 Concen: 85.15 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1884827		
171	36.8	29.5	44.3	
170	25.3	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 38.76 ng

RT: 9.06 min Scan# 619

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1018308

Ion Ratio Lower Upper

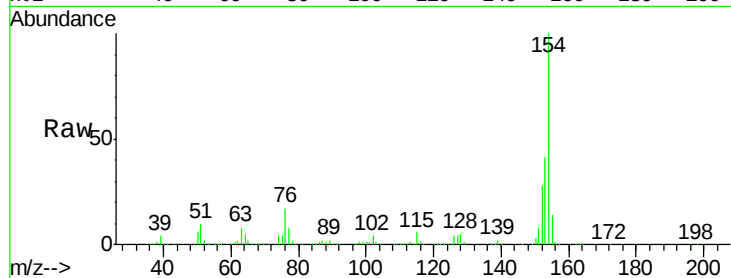
154 100

153 41.2 20.5 60.5

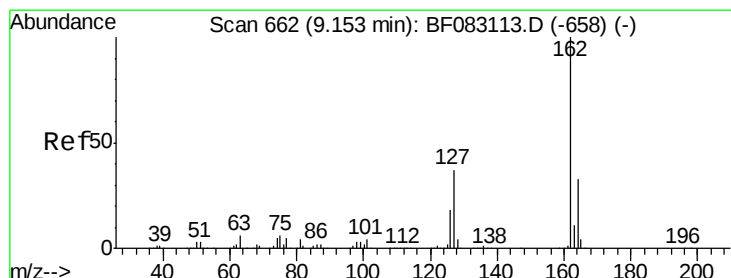
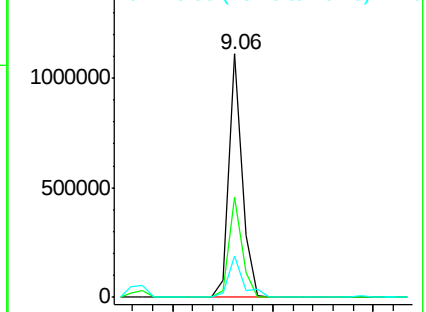
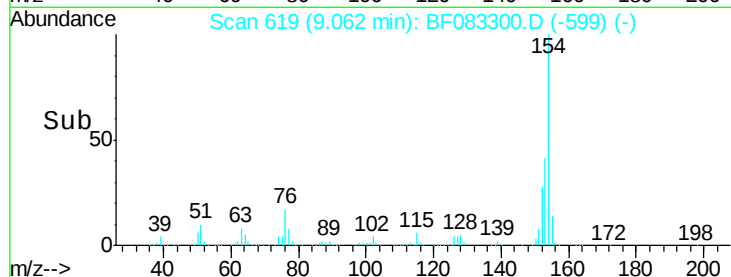
76 16.9 0.0 31.2

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 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: 40.17 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

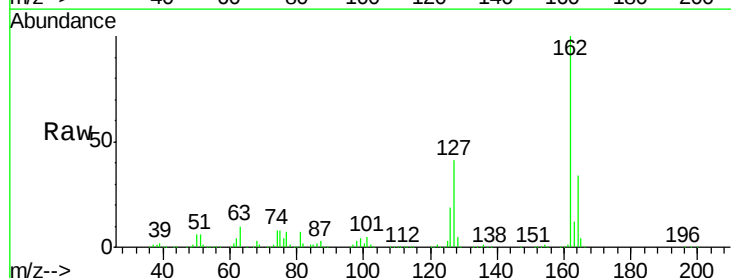
Tgt Ion:162 Resp: 828865

Ion Ratio Lower Upper

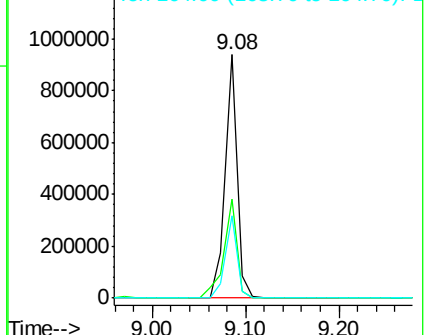
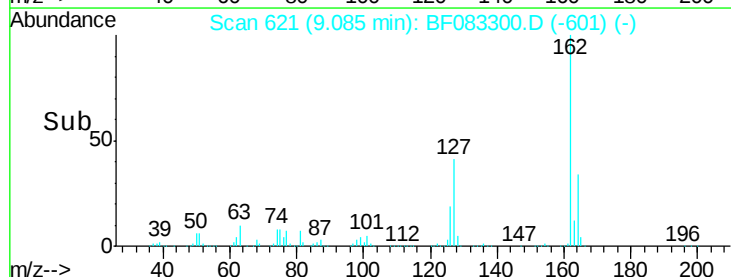
162 100

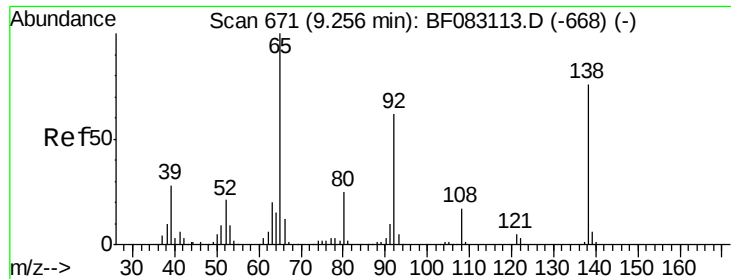
127 40.9 29.4 44.2

164 34.1 26.2 39.4



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





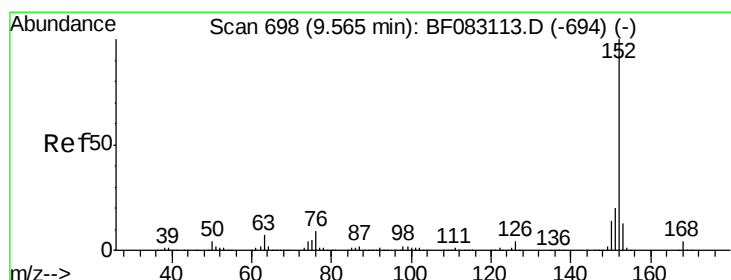
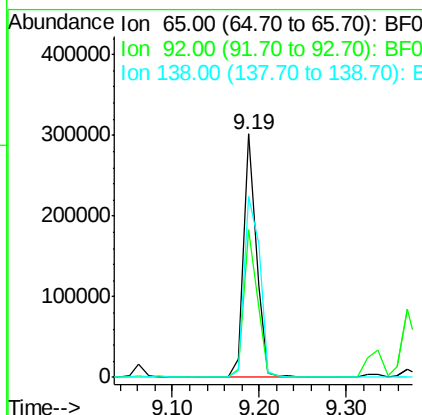
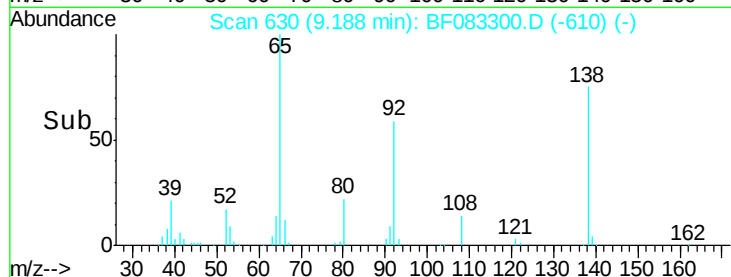
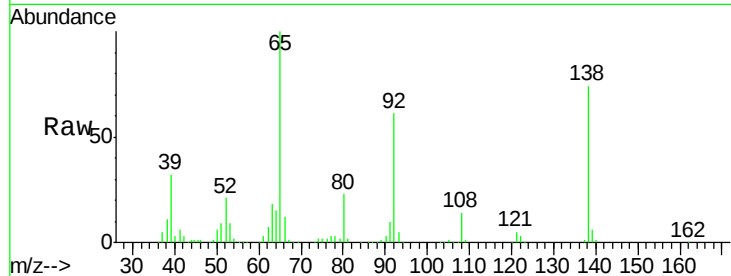
#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	49.5	74.3
138	74.3	60.7	91.1

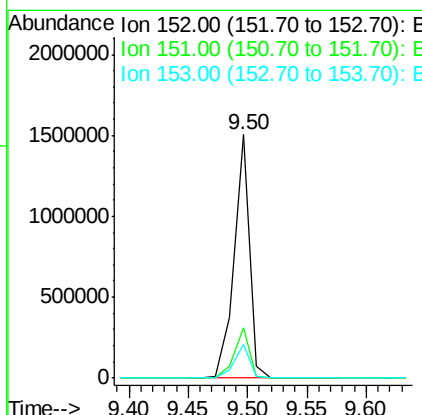
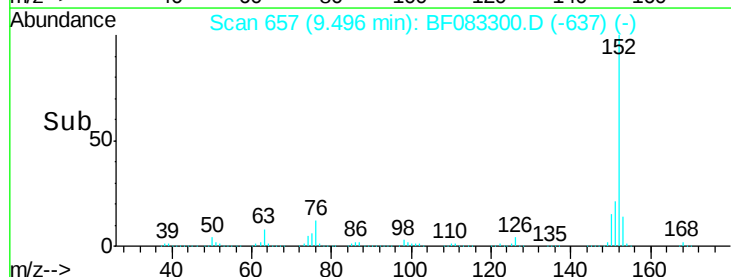
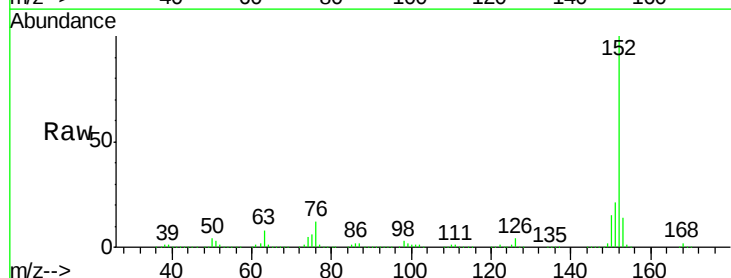
Manual Integrations
APPROVED

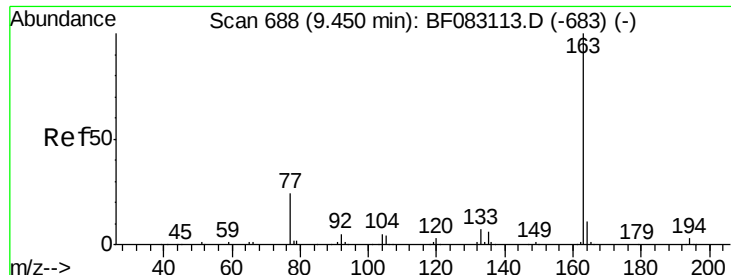
mmdadoda
11/26/2015 6:43:51 PM



#48
Acenaphthylene
Concen: 42.17 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.8	10.8	16.2





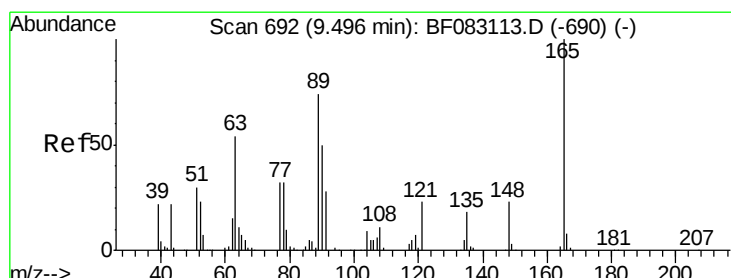
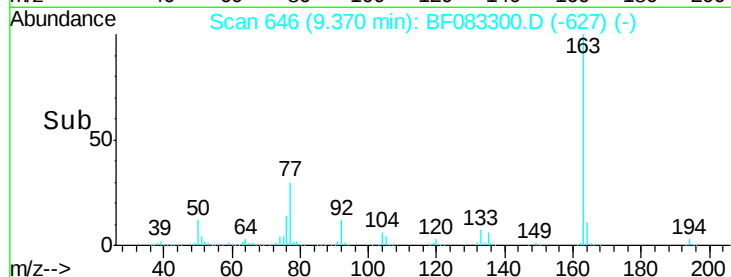
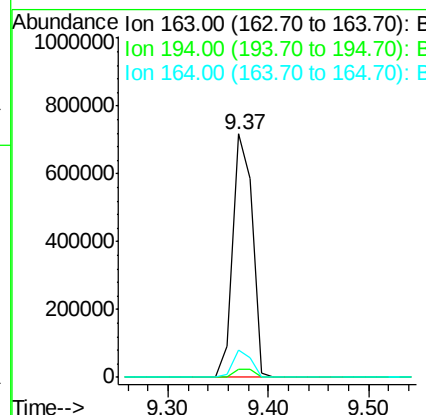
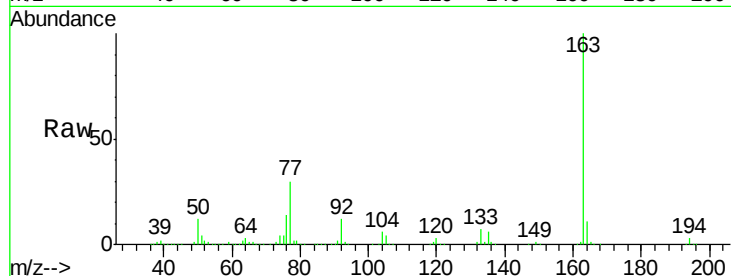
#49
Dimethylphthalate
Concen: 40.85 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	970680		
194	3.1		2.6	4.0
164	11.1		8.6	12.8

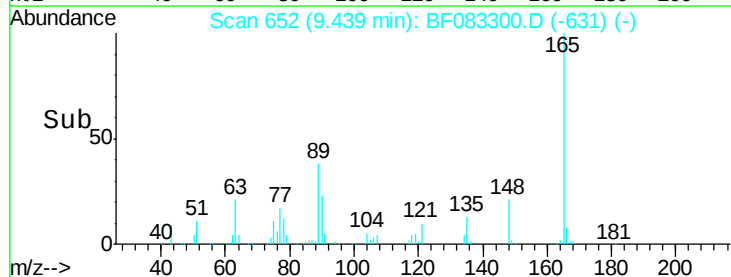
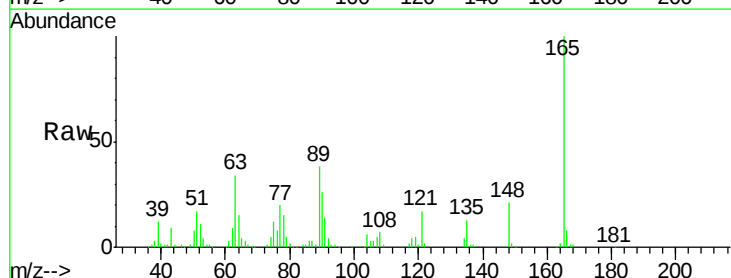
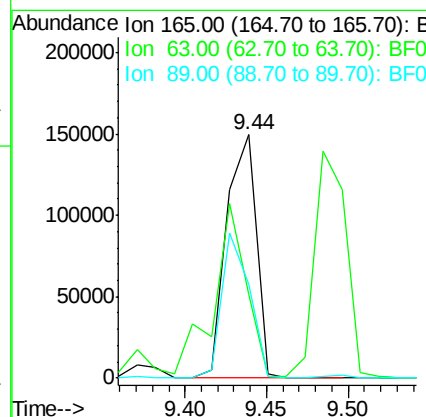
Manual Integrations
APPROVED

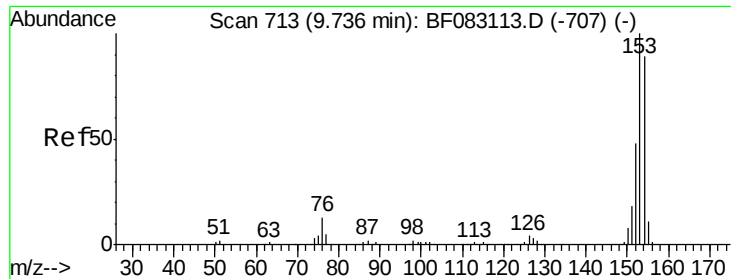
mmdadoda
11/26/2015 6:43:51 PM



#50
2,6-Dinitrotoluene
Concen: 35.23 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187850		
63	34.2		62.5	93.7#
89	38.4		59.1	88.7#





#51

Acenaphthene

Concen: 38.44 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

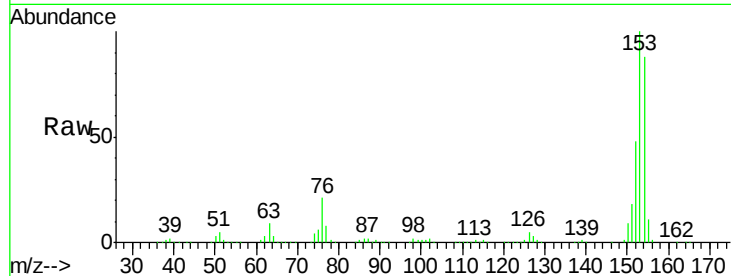
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	748075
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.6	134.4
152	54.3	43.3	64.9

Manual Integrations
APPROVED

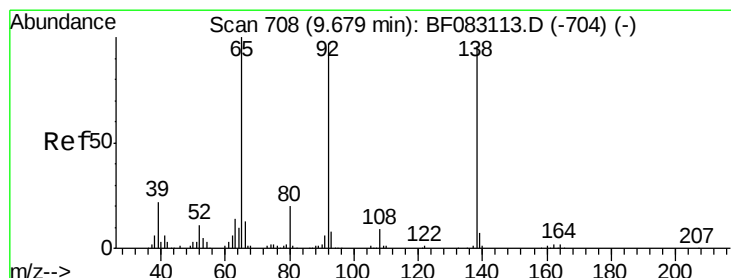
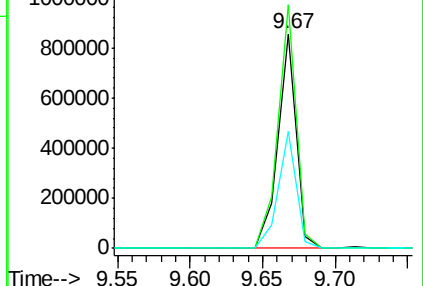
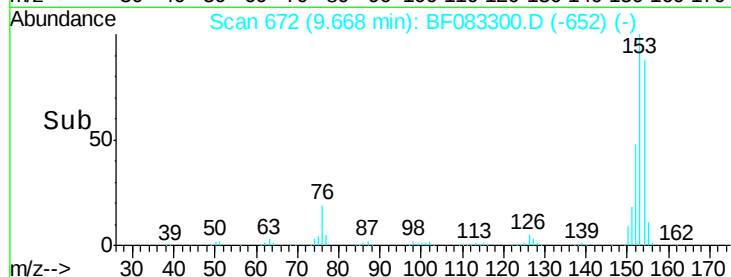
mmdadoda
11/26/2015 6:43:51 PM



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: 42.99 ng

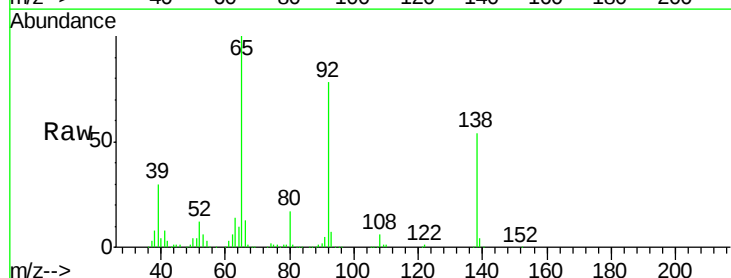
RT: 9.60 min Scan# 666

Delta R.T. -0.08 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

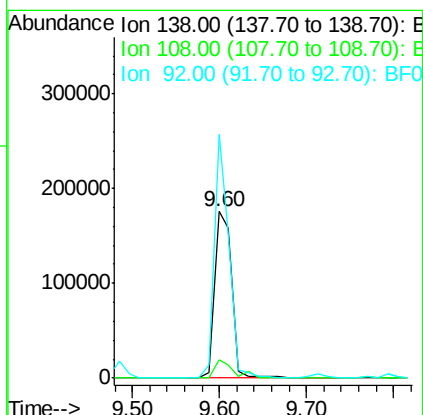
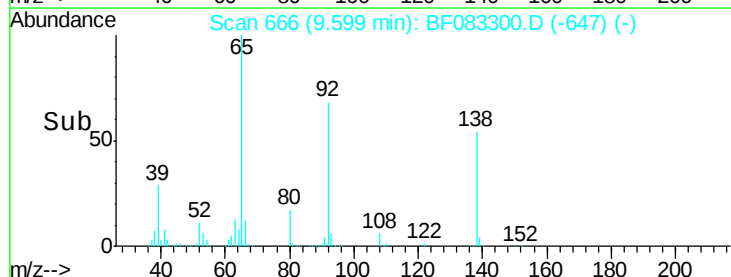
Tgt Ion:	138	Resp:	244396
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	146.2	81.1	121.7#

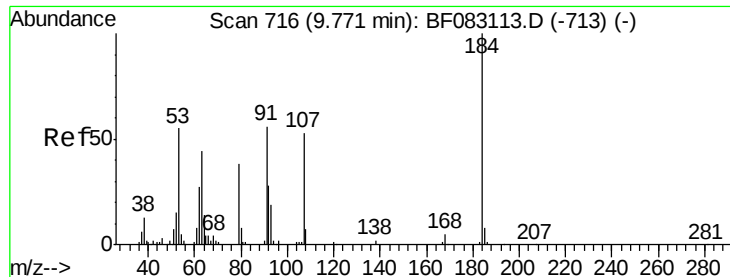


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





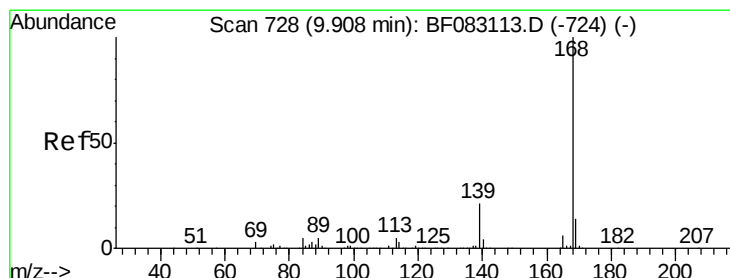
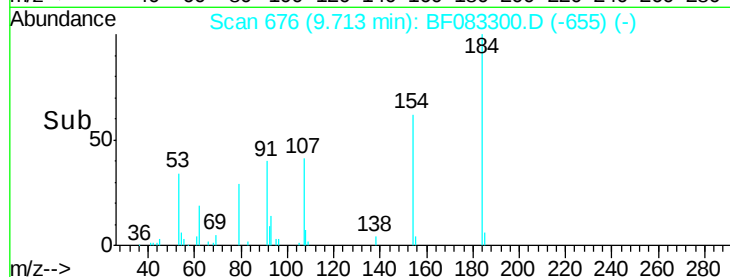
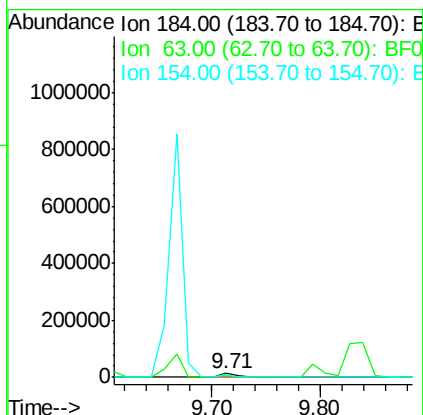
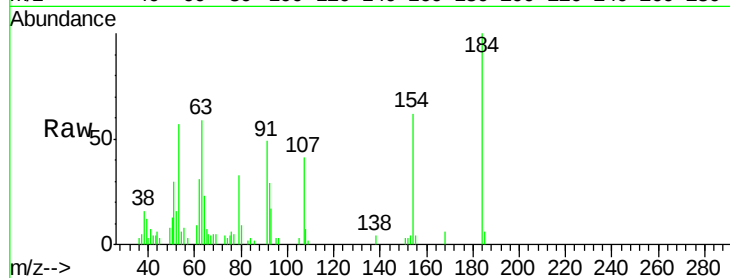
#53
2,4-Dinitrophenol
Concen: 5.06 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	15530		
63	58.7	60.5	90.7#	
154	62.2	54.3	81.5	

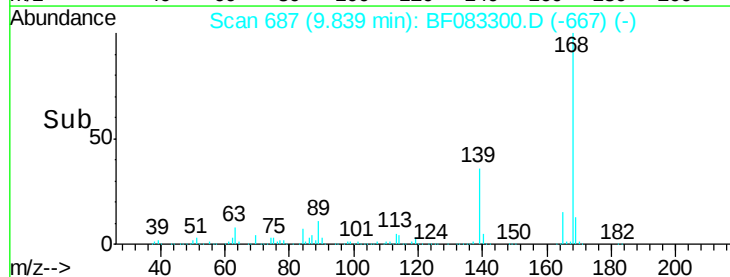
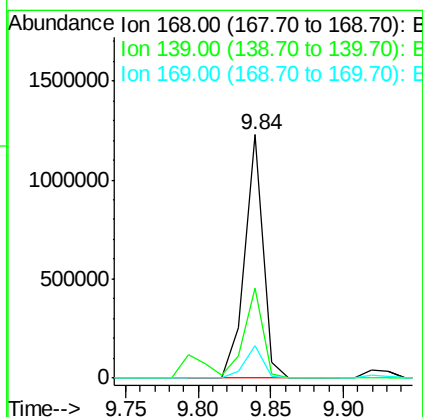
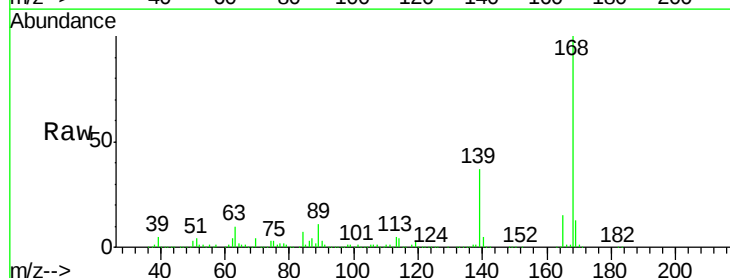
Manual Integrations
APPROVED

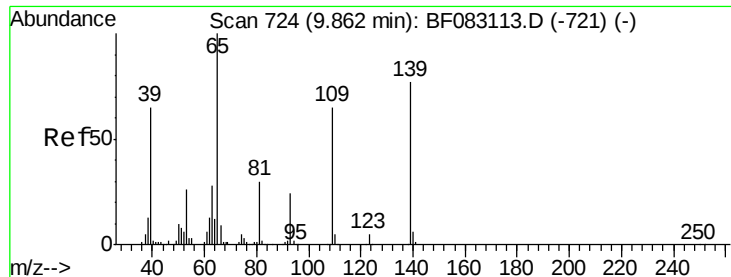
mmdadoda
11/26/2015 6:43:51 PM



#54
Dibenzofuran
Concen: 39.22 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1079195		
139	37.0	30.2	45.2	
169	13.4	10.9	16.3	





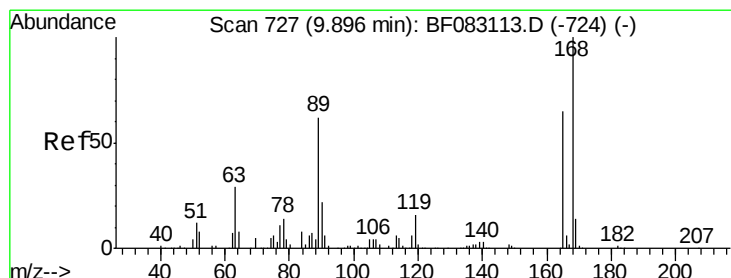
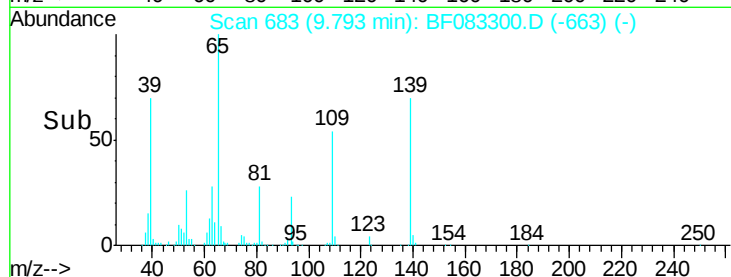
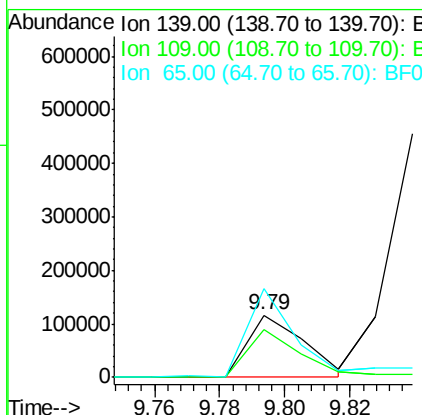
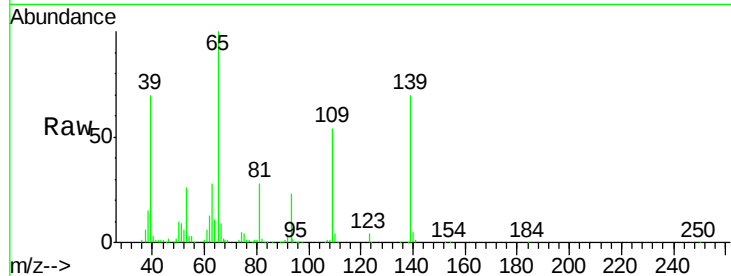
#55
4-Nitrophenol
Concen: 31.92 ng
RT: 9.79 min Scan# 683
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	139145		
109	76.9	64.0	104.0	
65	143.2	109.5	149.5	

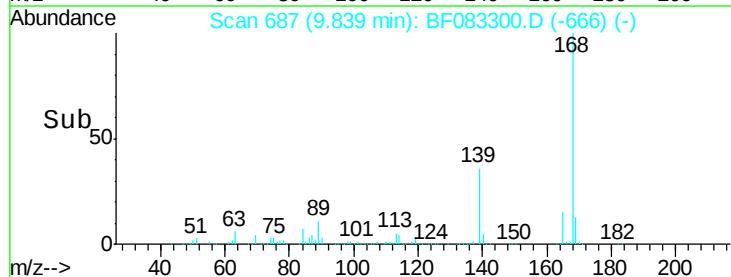
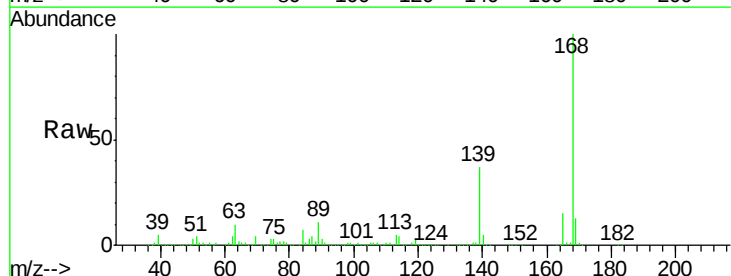
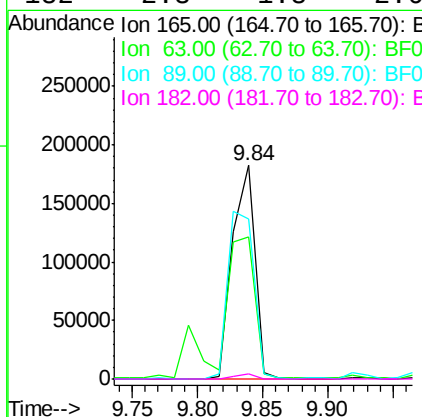
Manual Integrations
APPROVED

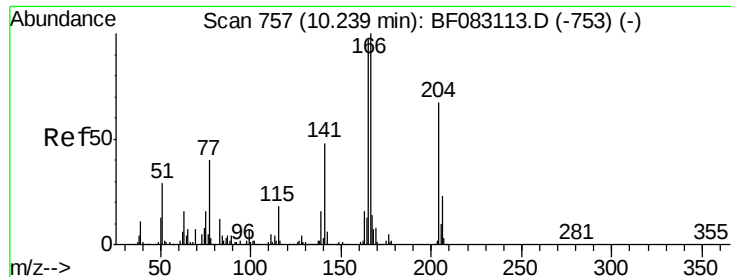
mmdadoda
11/26/2015 6:43:51 PM



#56
2,4-Dinitrotoluene
Concen: 32.40 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218918		
63	66.5	54.5	81.7	
89	74.7	77.3	115.9#	
182	2.3	1.8	2.6	





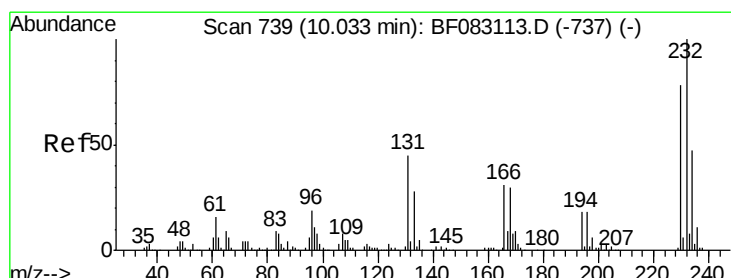
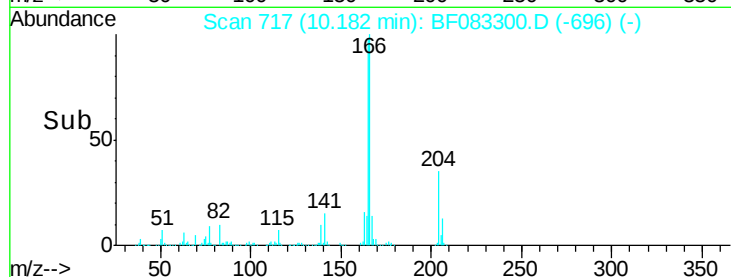
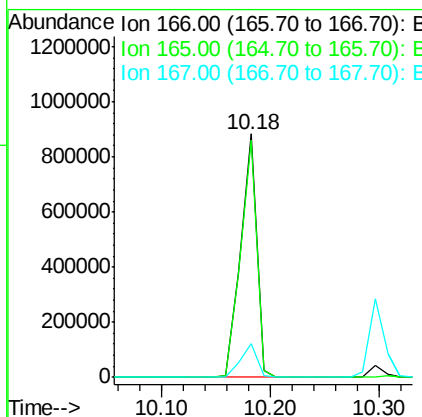
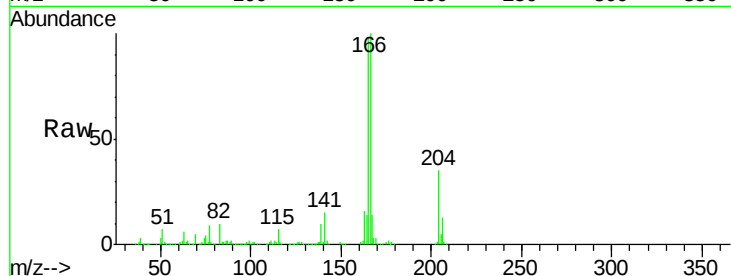
#57
Fluorene
 Concen: 39.15 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.06 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	78.0	117.0	
167	13.6	11.3	16.9	

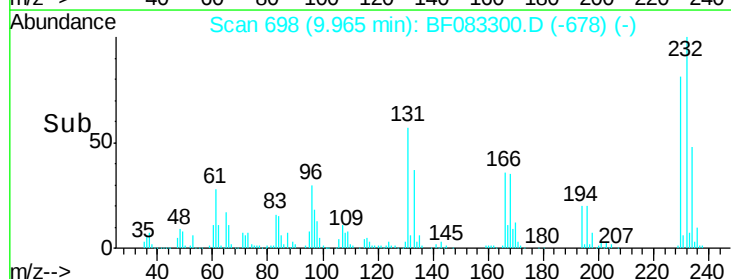
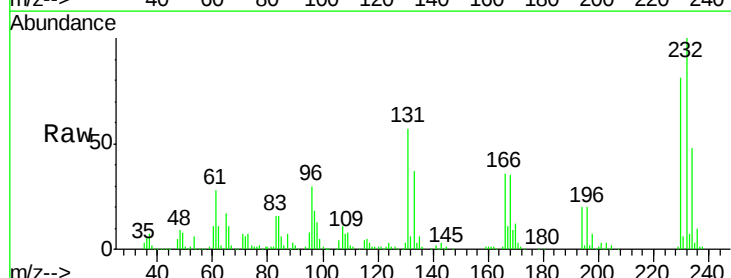
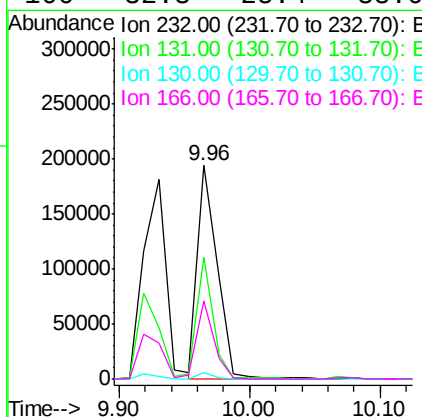
Manual Integrations
 APPROVED

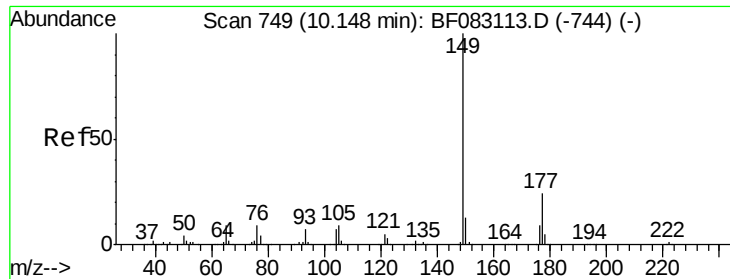
mmdadoda
 11/26/2015 6:43:51 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.67 ng
 RT: 9.96 min Scan# 698
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.6	38.6	57.8	
130	2.2	1.9	2.9	
166	32.3	25.4	38.0	





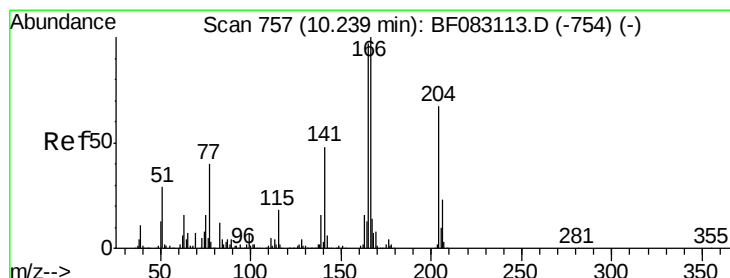
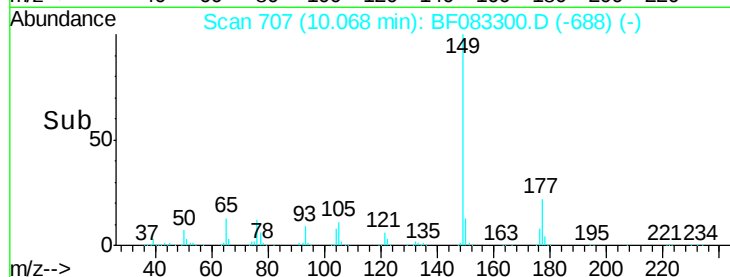
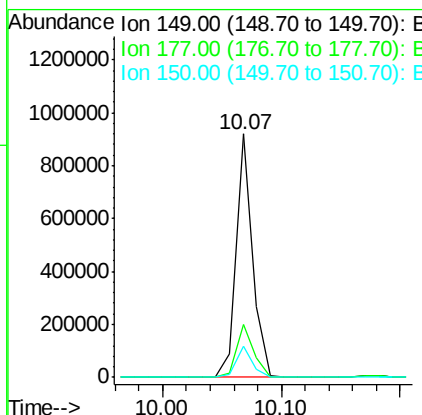
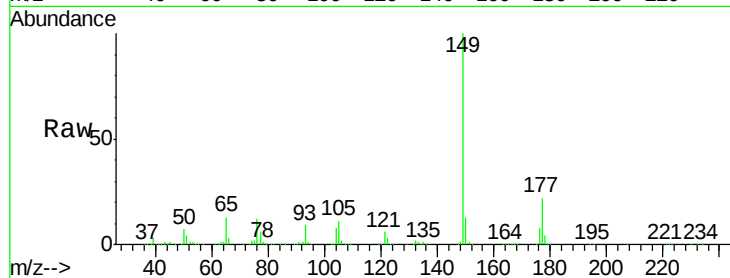
#59
Diethylphthalate
Concen: 37.26 ng
RT: 10.07 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	881332		
177	21.7	19.4	29.2	
150	13.0	10.2	15.2	

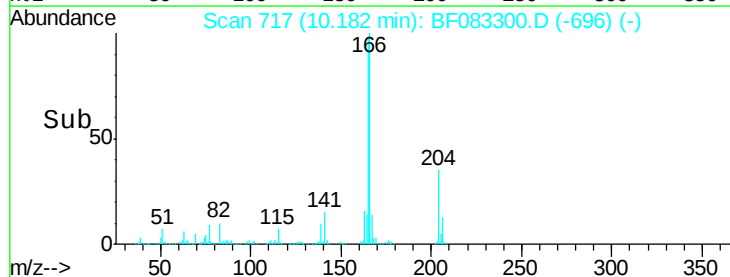
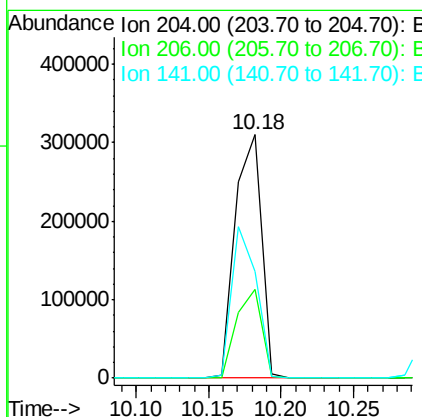
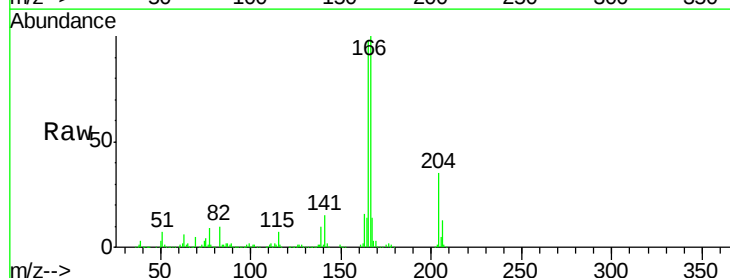
Manual Integrations
APPROVED

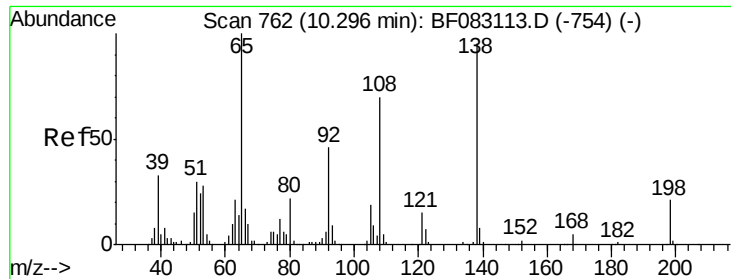
mmdadoda
11/26/2015 6:43:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.56 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	391236		
206	36.2	27.4	41.0	
141	43.9	57.4	86.2#	





#61

4-Nitroaniline

Concen: 44.79 ng

RT: 10.22 min Scan# 720

Delta R.T. -0.08 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

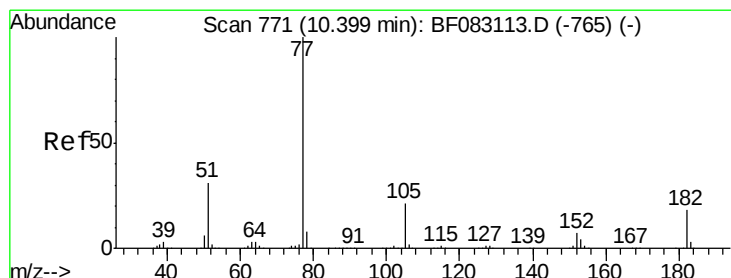
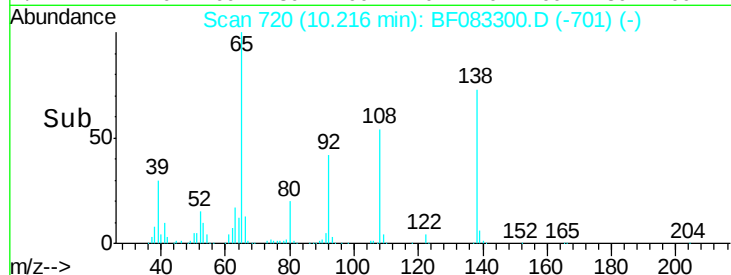
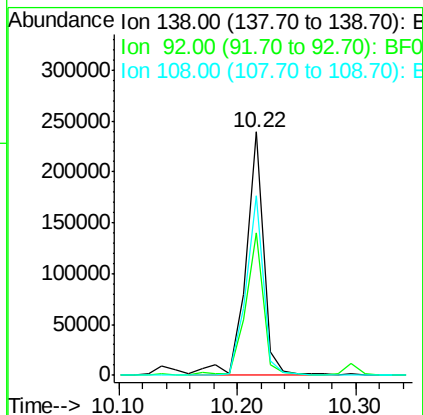
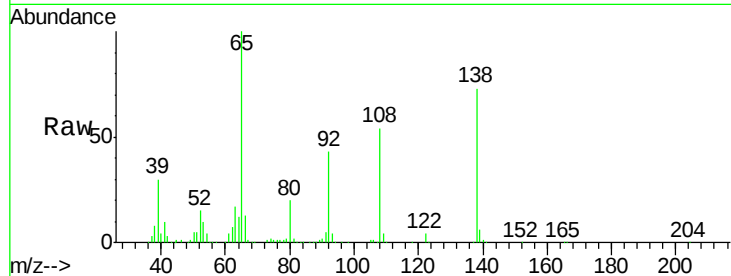
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	250669
Ion Ratio	Lower	Upper	
138	100		
92	58.4	28.4	68.4
108	73.7	53.5	93.5

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#62

Azobenzene

Concen: 38.18 ng

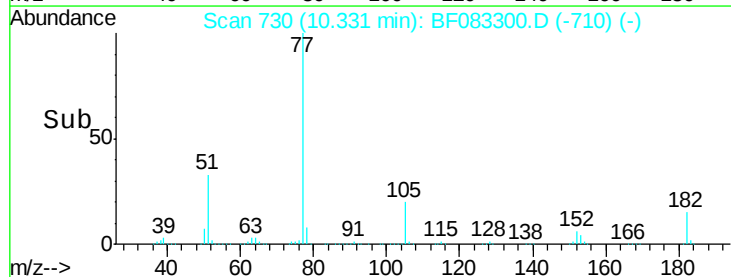
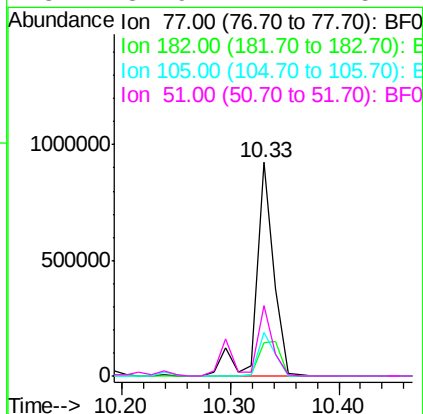
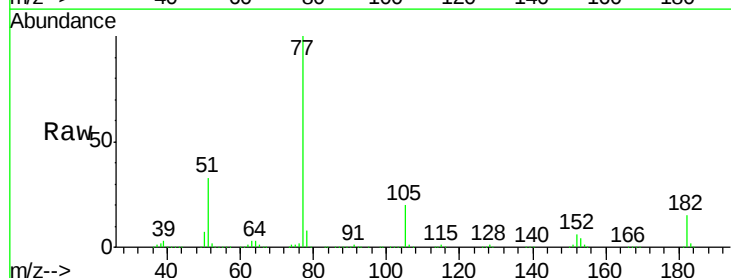
RT: 10.33 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	77	Resp:	1030753
Ion Ratio	Lower	Upper	
77	100		
182	15.4	0.0	38.3
105	20.1	1.2	41.2
51	32.9	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 798

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

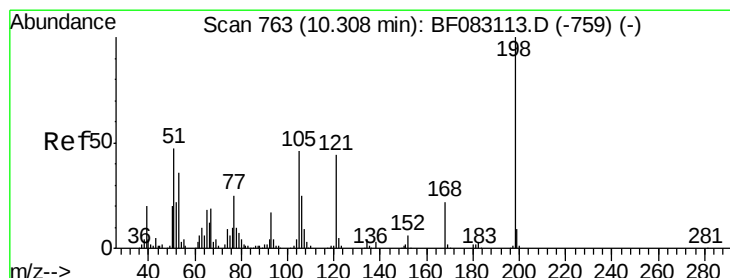
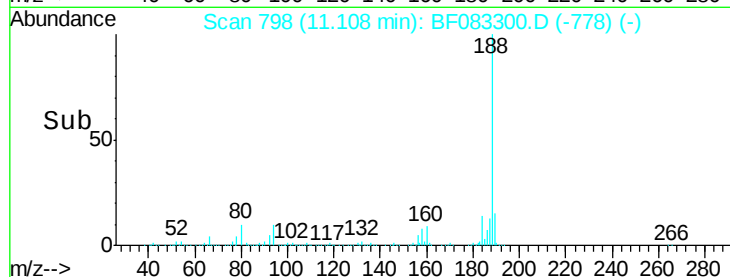
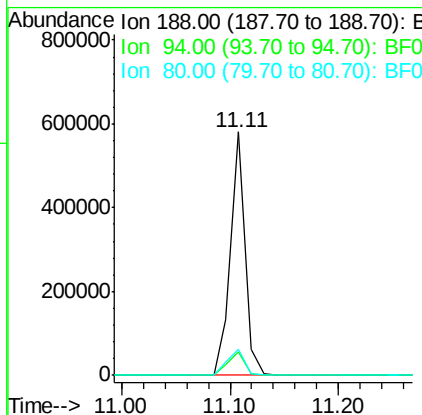
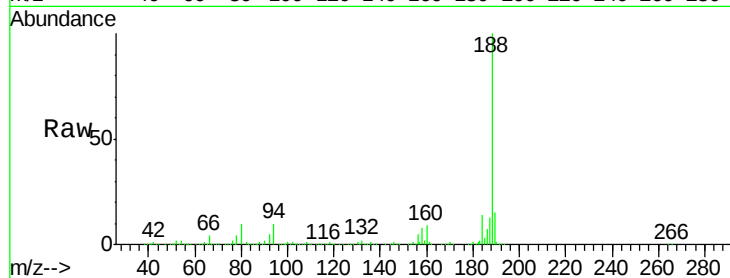
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	536738		
94	9.9	6.0	9.0#	
80	10.5	6.7	10.1#	

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 7.59 ng

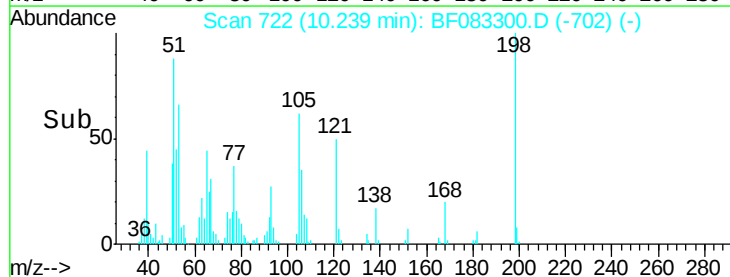
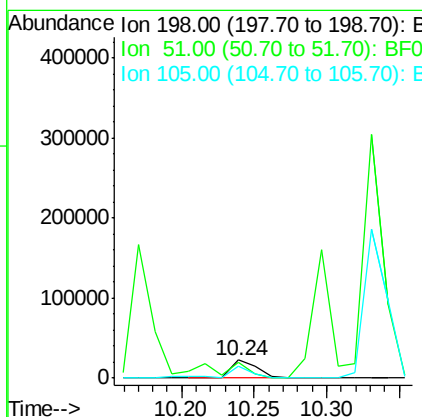
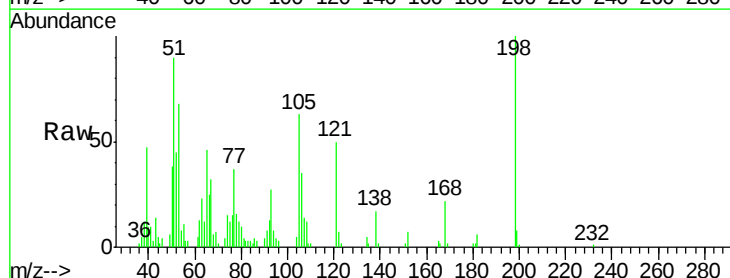
RT: 10.24 min Scan# 722

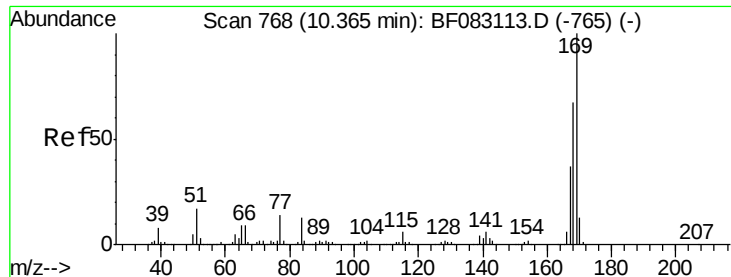
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28053		
51	89.9	27.0	67.0#	
105	63.3	26.1	66.1	





#65

n-Nitrosodiphenylamine

Concen: 39.10 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

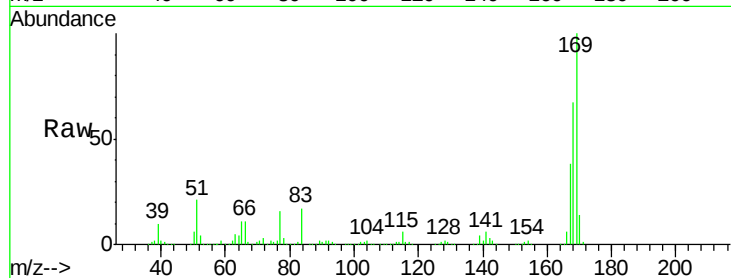
ClientSampleId :

SSTDCCC040

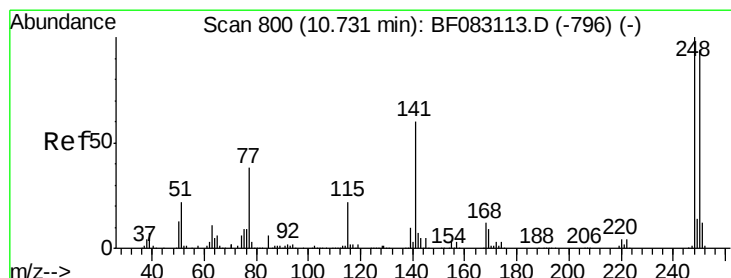
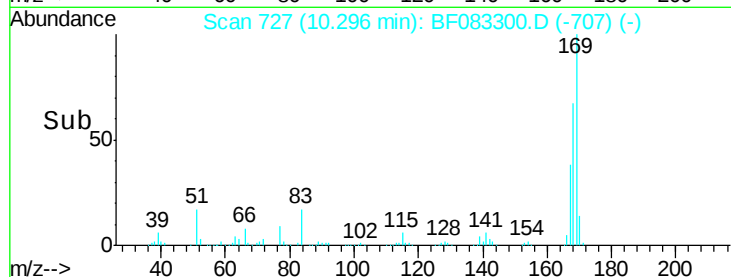
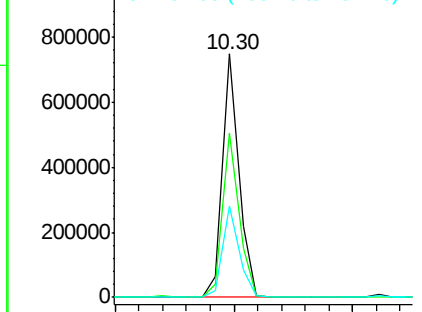
Tot Ion:	169	Resp:	713800
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.8	80.6
167	37.7	29.8	44.8

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



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



#66

4-Bromophenyl-phenylether

Concen: 41.33 ng

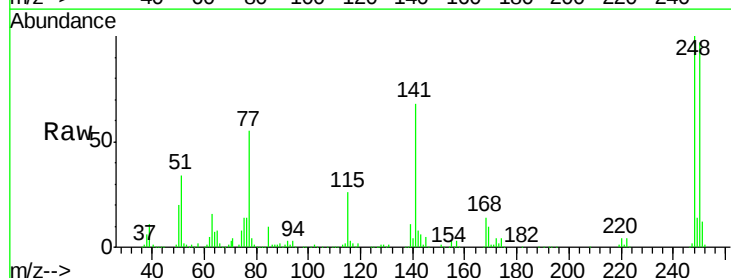
RT: 10.66 min Scan# 759

Delta R.T. -0.07 min

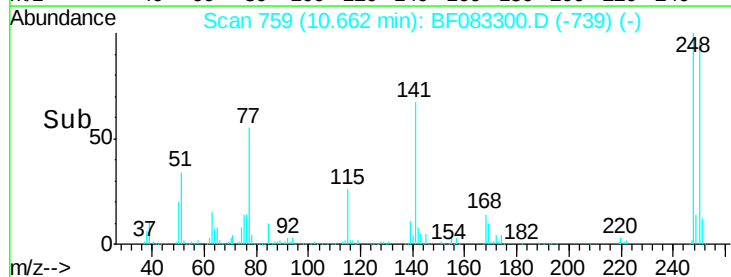
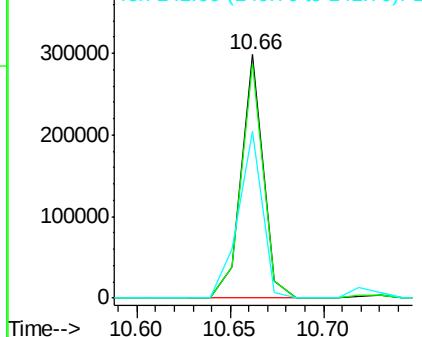
Lab File: BF083300.D

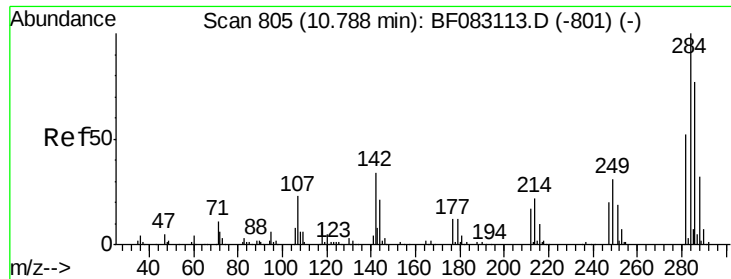
Acq: 26 Nov 2015 4:56

Tgt Ion:	248	Resp:	246145
Ion Ratio	Lower	Upper	
248	100		
250	96.5	75.4	113.2
141	68.5	48.1	72.1



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





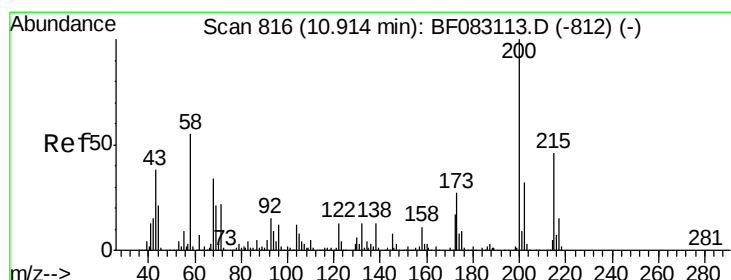
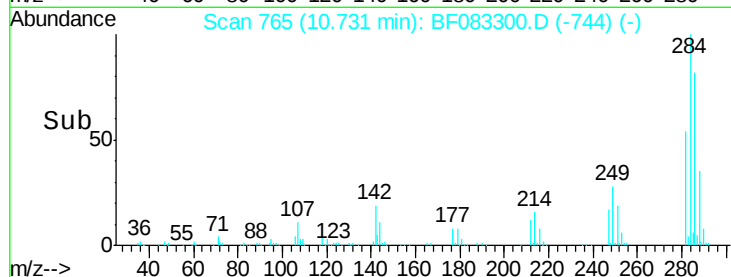
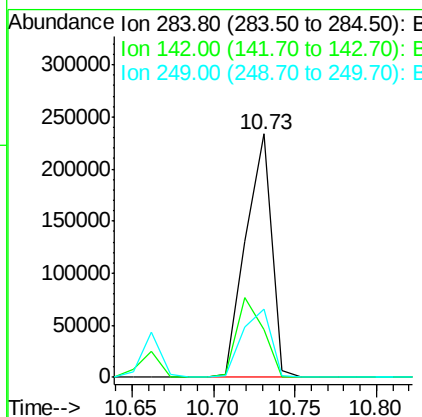
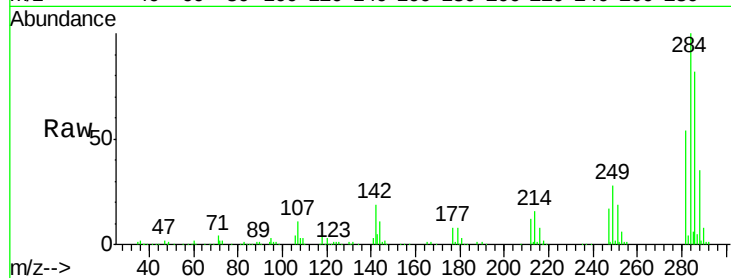
#67
Hexachlorobenzene
Concen: 39.09 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	256407		
142	19.4	27.6	41.4#	
249	27.9	25.5	38.3	

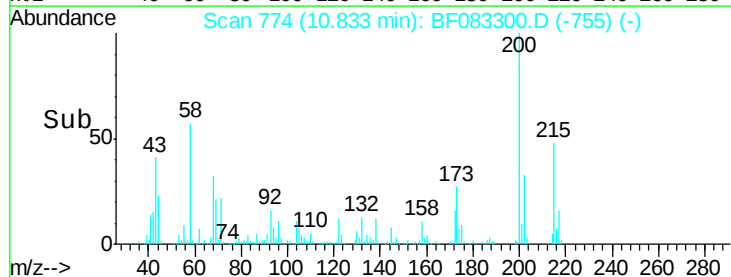
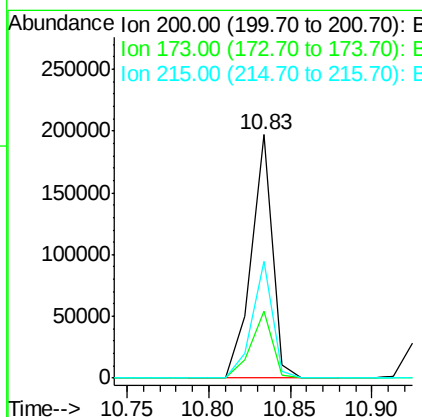
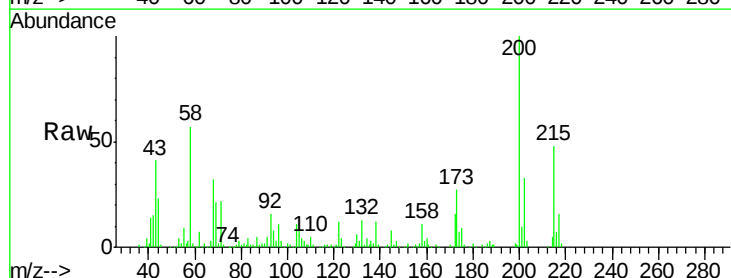
Manual Integrations
APPROVED

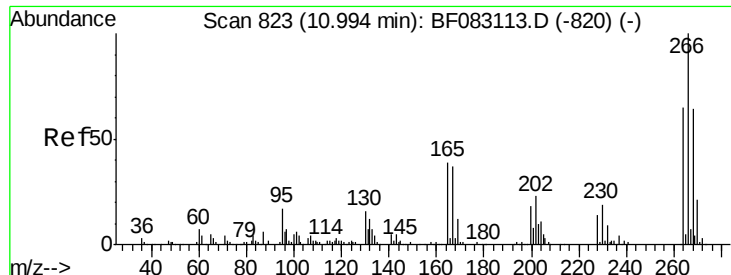
mmdadoda
11/26/2015 6:43:51 PM



#68
Atrazine
Concen: 33.46 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.08 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177385		
173	27.5	7.2	47.2	
215	48.0	25.7	65.7	





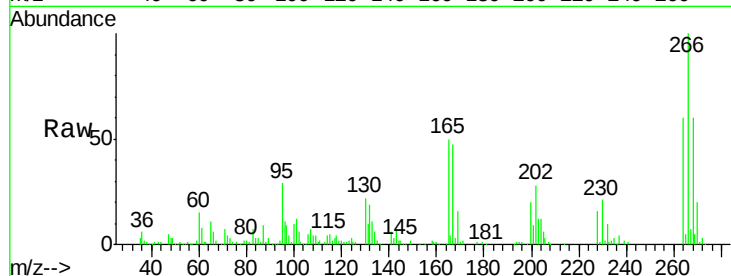
#69
 Pentachlorophenol
 Concen: 34.07 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

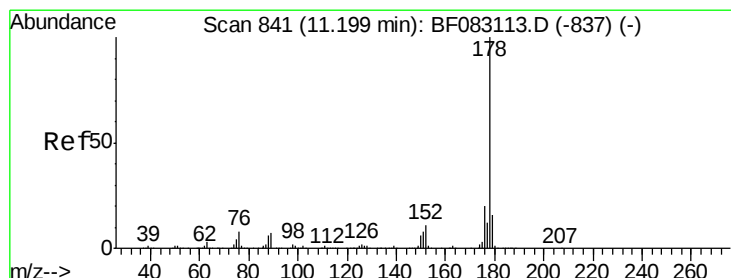
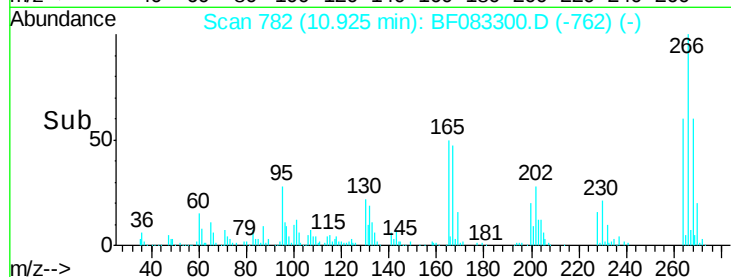
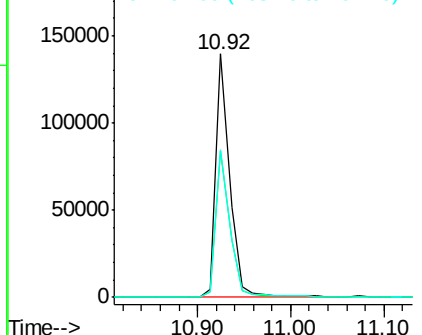
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.3	51.4	77.0
264	60.5	51.7	77.5

Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM



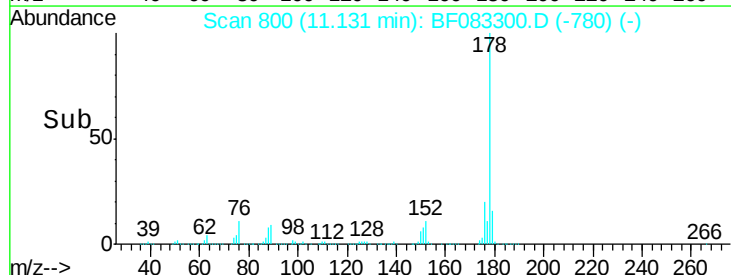
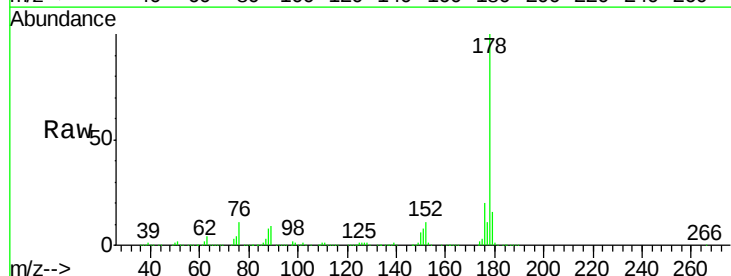
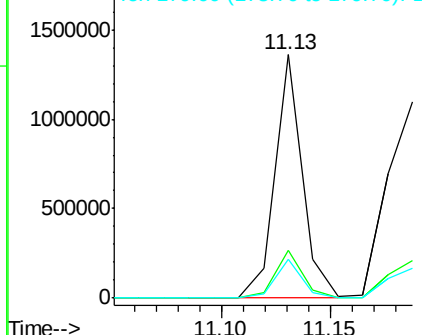
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

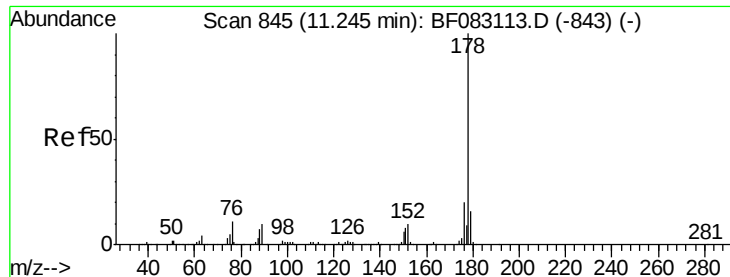


#70
 Phenanthrene
 Concen: 38.85 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	16.0	12.8	19.2

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





#71
 Anthracene
 Concen: 40.19 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.06 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

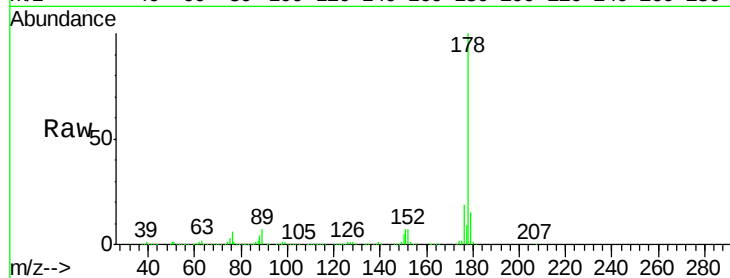
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1267889

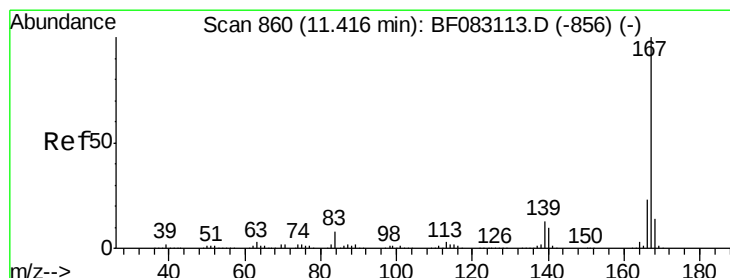
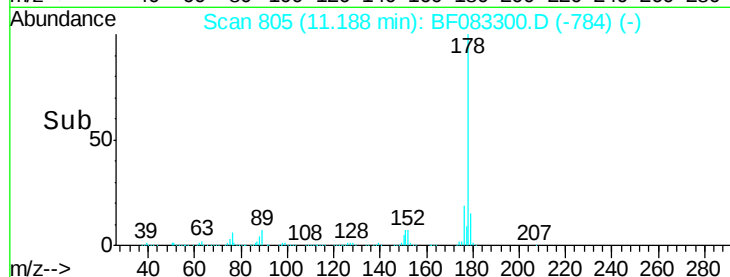
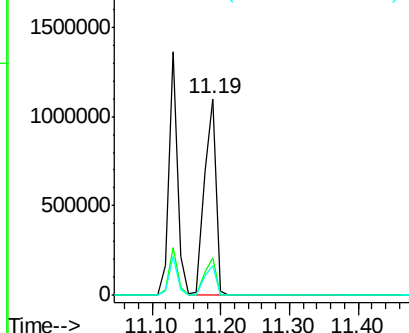
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	13.2	19.8

Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM



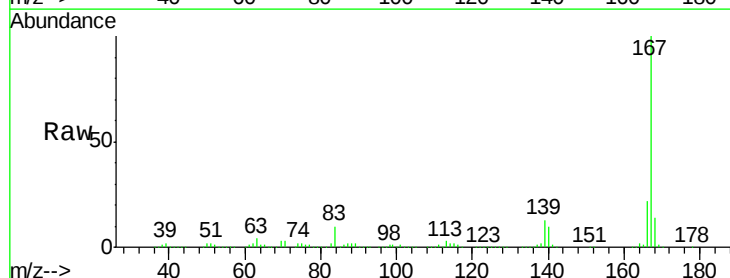
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



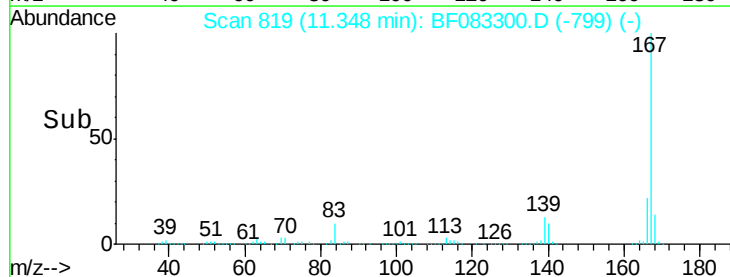
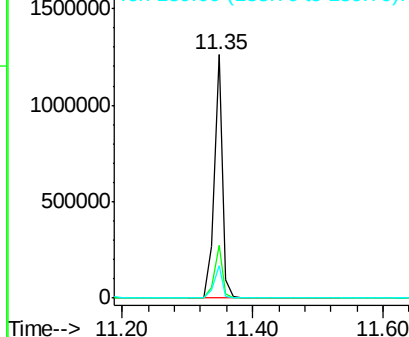
#72
 Carbazole
 Concen: 40.37 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

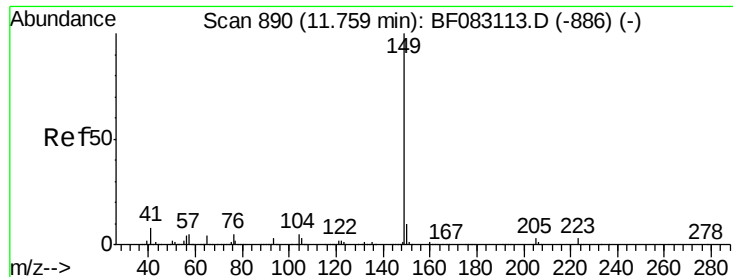
Tgt Ion:167 Resp: 1132063

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	13.2	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: 43.15 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1476837

Ion Ratio Lower Upper

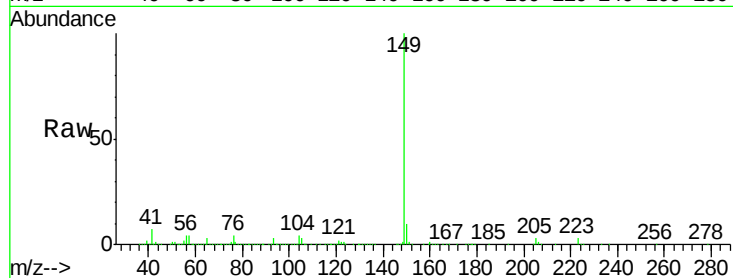
149 100

150 9.6 8.0 12.0

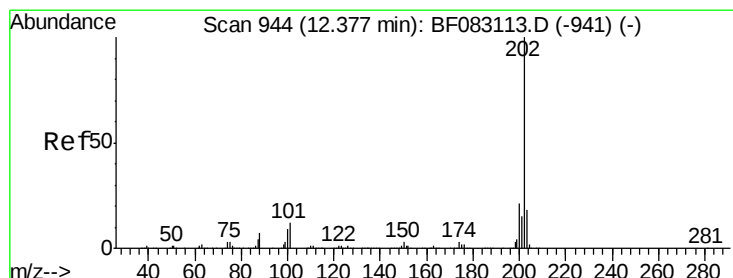
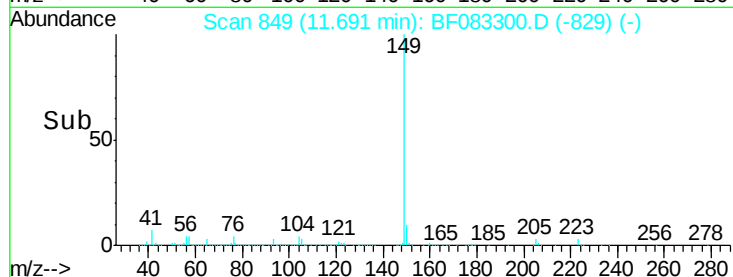
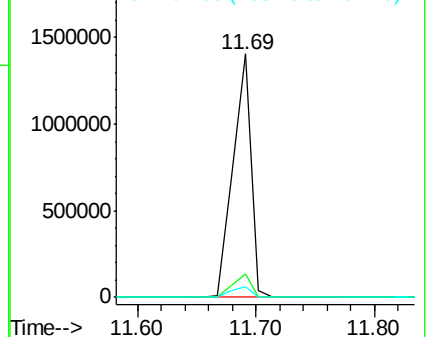
104 4.4 4.4 6.6

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



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



#74

Fluoranthene

Concen: 38.01 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

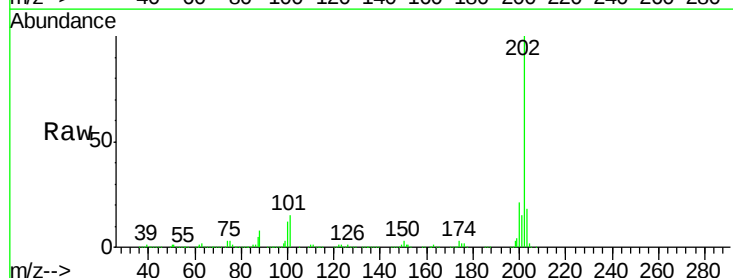
Tgt Ion:202 Resp: 1203005

Ion Ratio Lower Upper

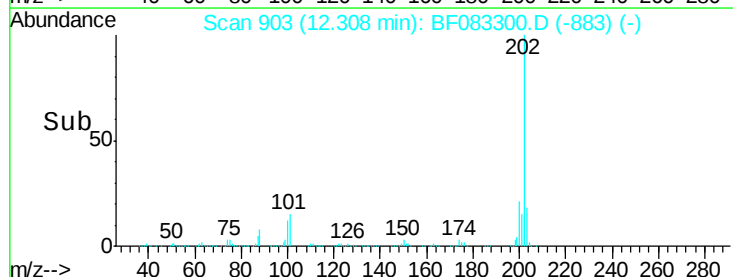
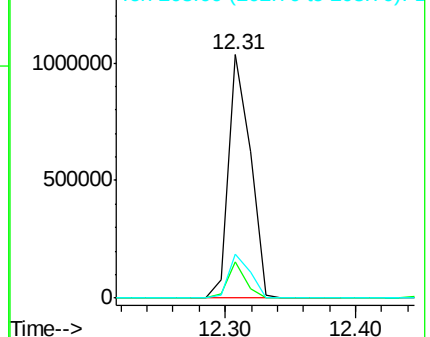
202 100

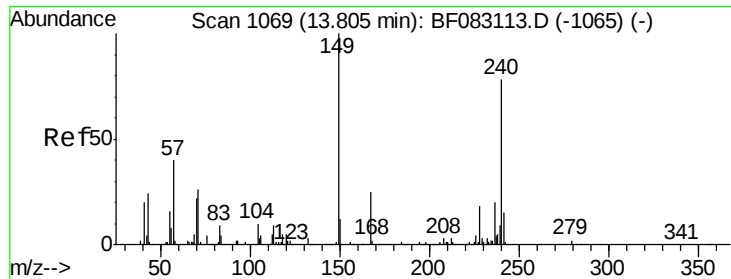
101 15.1 0.0 32.3

203 18.1 0.0 38.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 484860

Ion Ratio Lower Upper

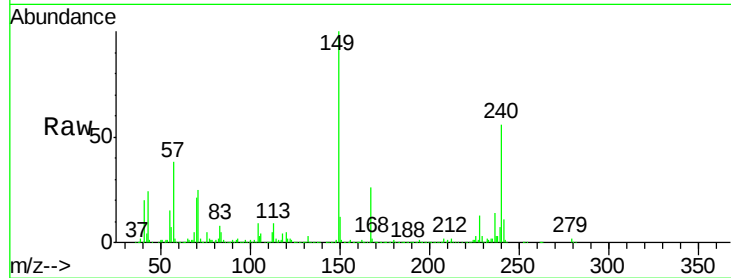
240 100

120 8.5 5.4 8.2#

236 25.2 20.6 31.0

Manual Integrations
APPROVED

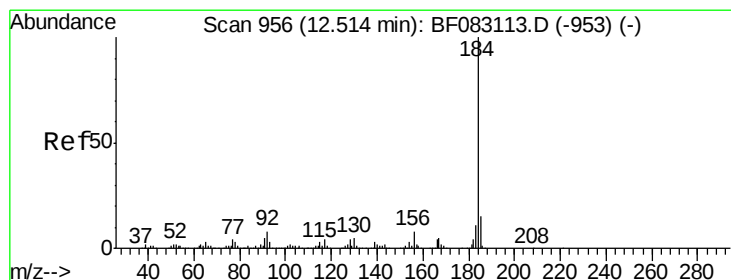
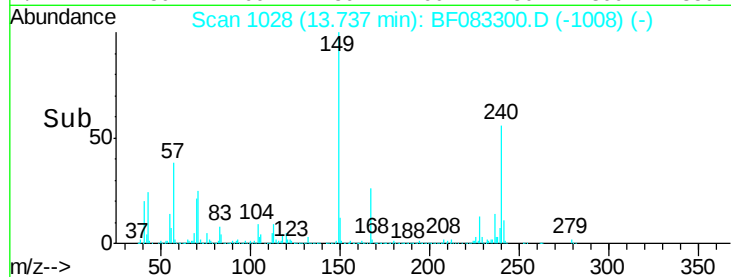
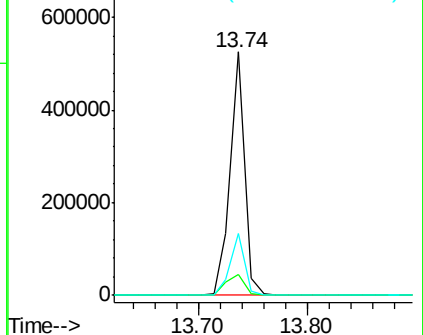
mmdadoda
11/26/2015 6:43:51 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.64 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

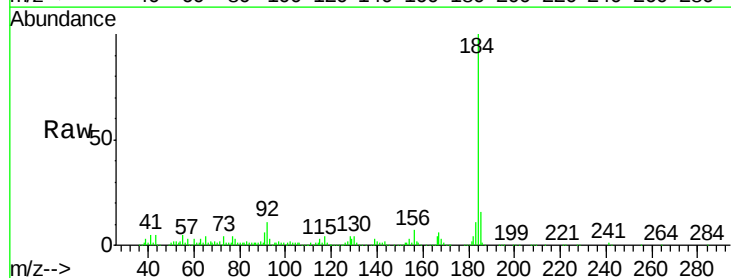
Tgt Ion:184 Resp: 681643

Ion Ratio Lower Upper

184 100

185 16.1 11.7 17.5

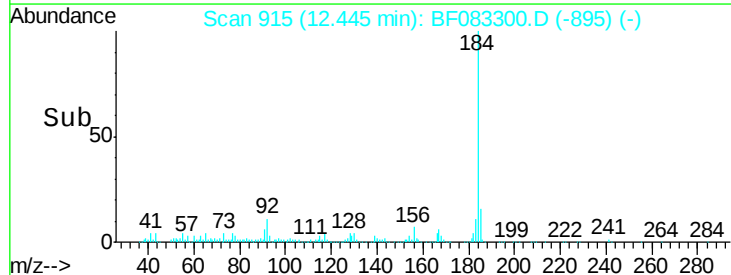
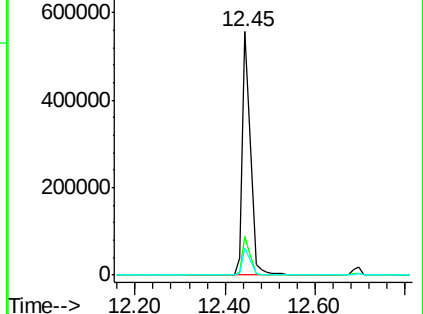
183 11.2 8.8 13.2

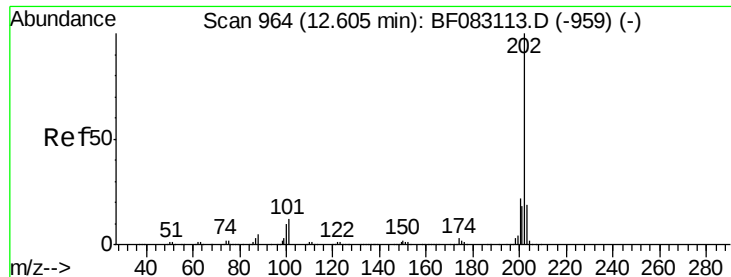


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.21 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1265765

Ion Ratio Lower Upper

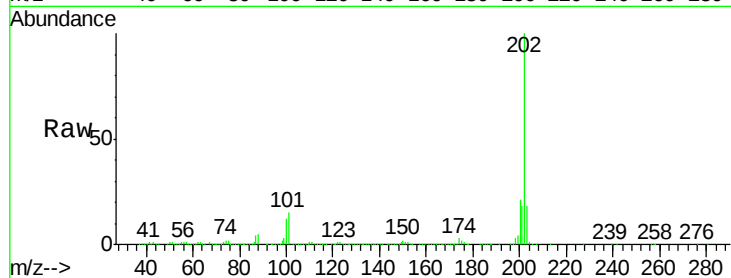
202 100

200 21.1 17.8 26.6

203 18.1 15.0 22.4

Manual Integrations
APPROVED

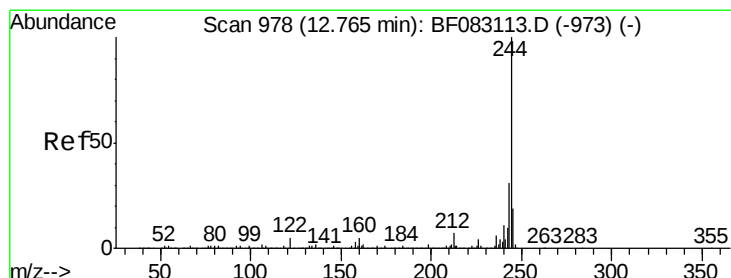
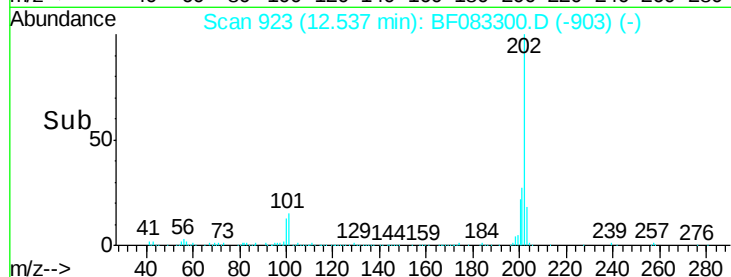
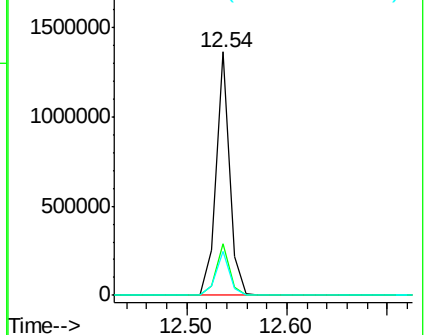
mmdadoda
11/26/2015 6:43:51 PM



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: 77.41 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

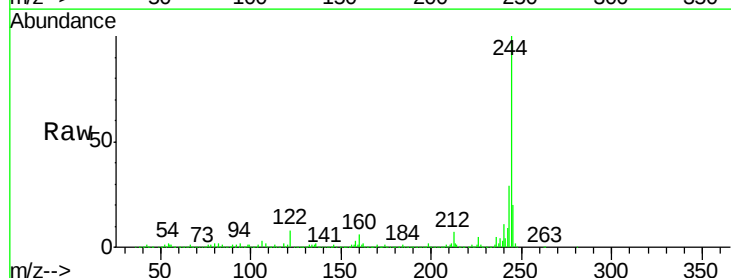
Tgt Ion:244 Resp: 1593872

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

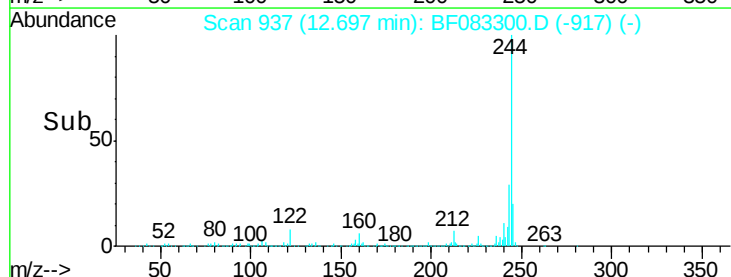
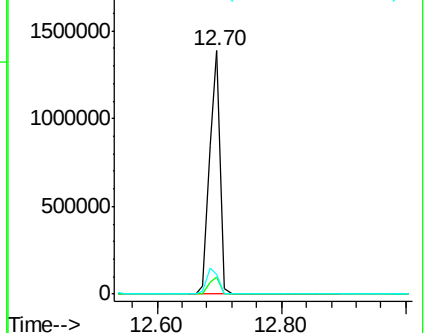
122 8.0 4.3 6.5#

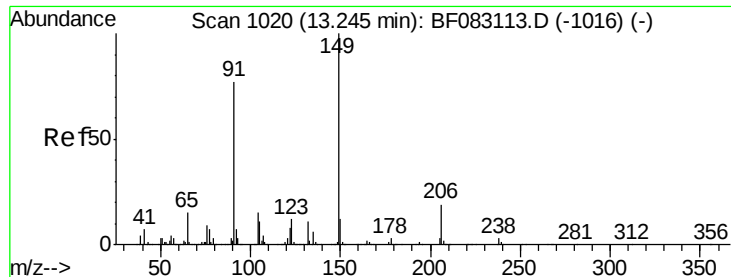


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





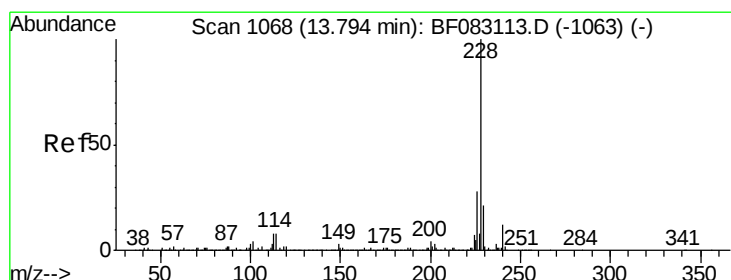
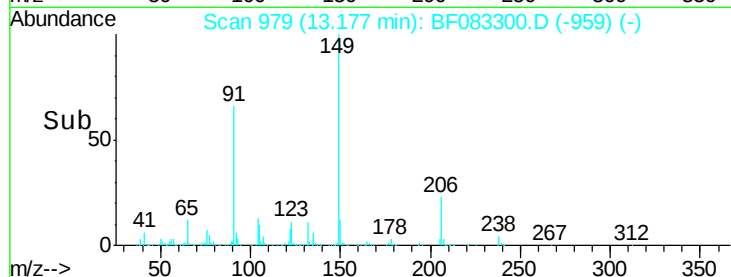
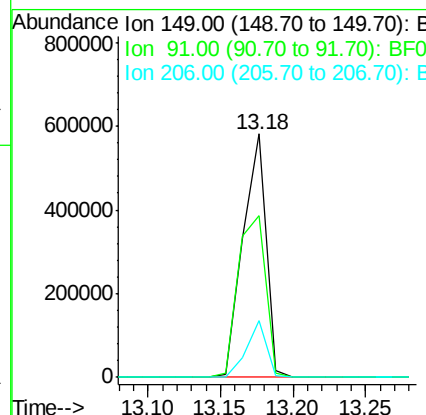
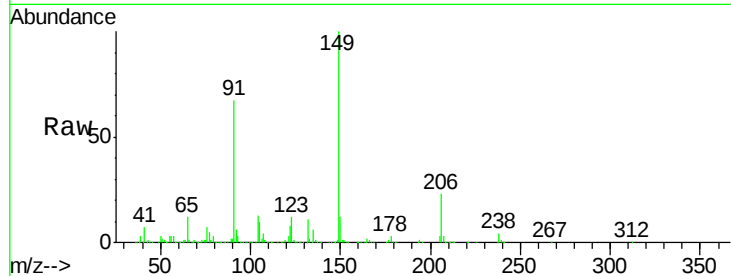
#79
Butylbenzylphthalate
Concen: 41.10 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	66.5	61.5	92.3
206	23.3	15.3	22.9

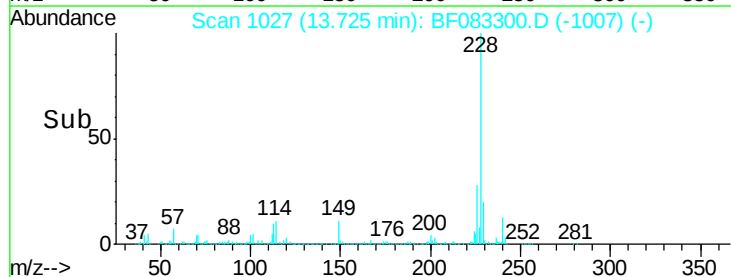
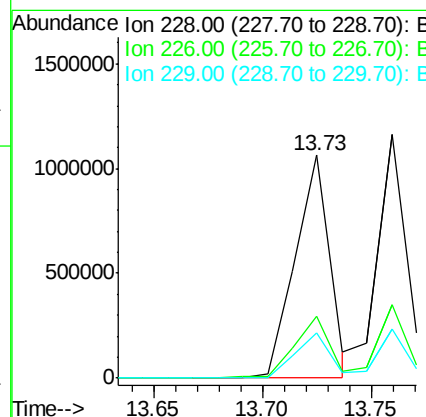
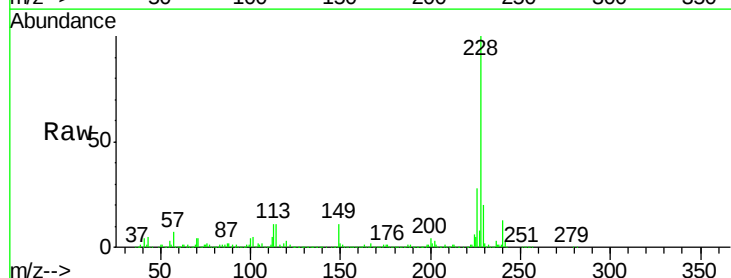
Manual Integrations
APPROVED

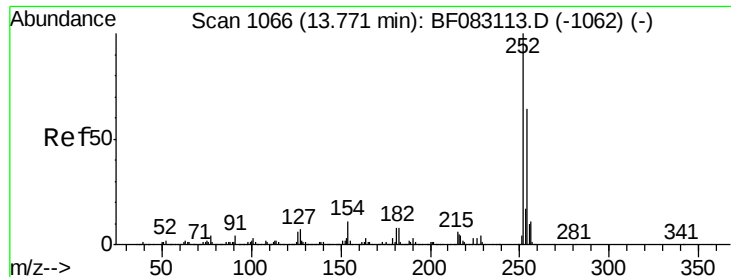
mmdadoda
11/26/2015 6:43:51 PM



#80
Benzo(a)anthracene
Concen: 39.39 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.07 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	16.6	24.8





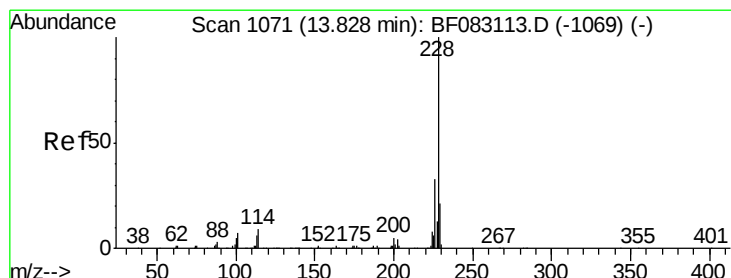
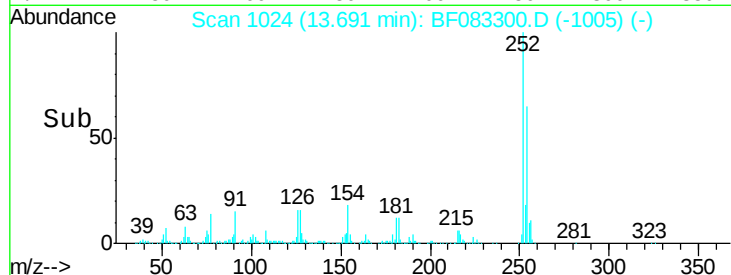
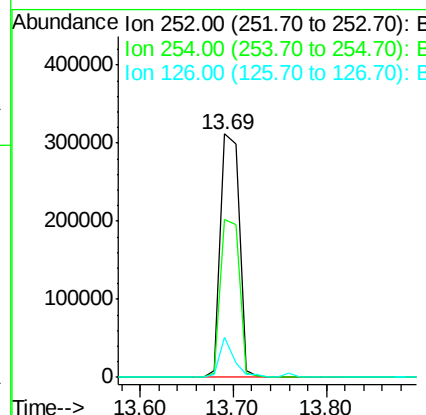
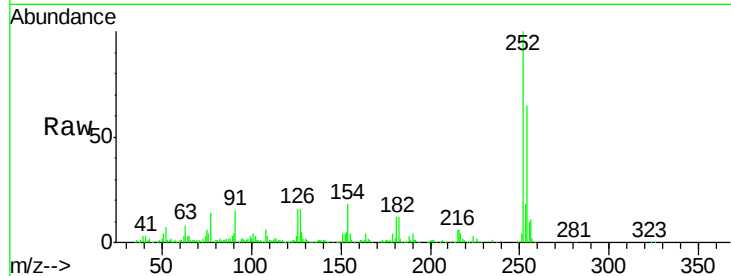
#81
 3,3'-Dichlorobenzidine
 Concen: 41.73 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.08 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	16.5	5.2	7.8

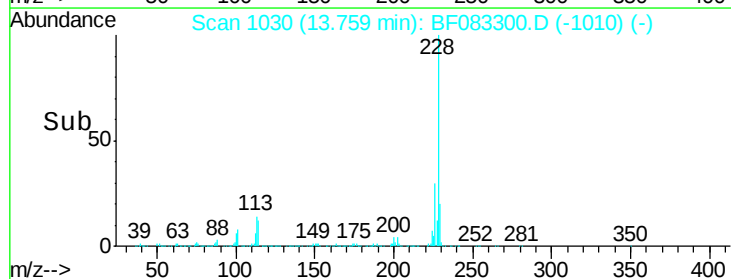
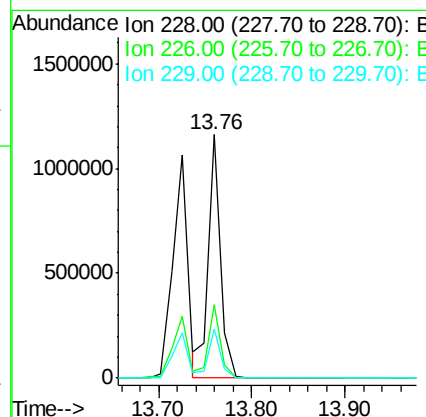
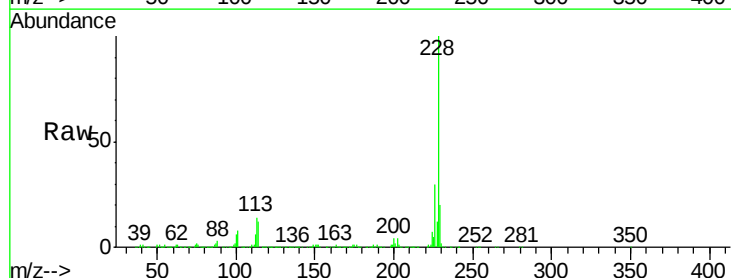
Manual Integrations
 APPROVED

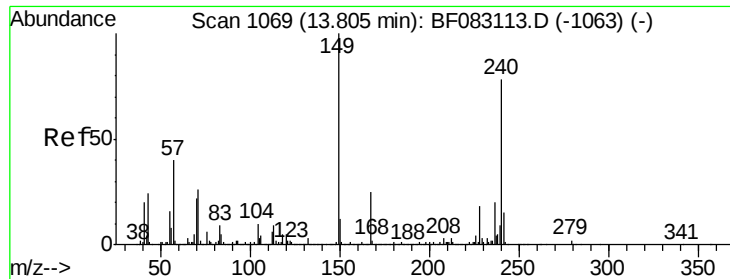
mmdadoda
 11/26/2015 6:43:51 PM



#82
 Chrysene
 Concen: 38.56 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	20.1	16.6	25.0





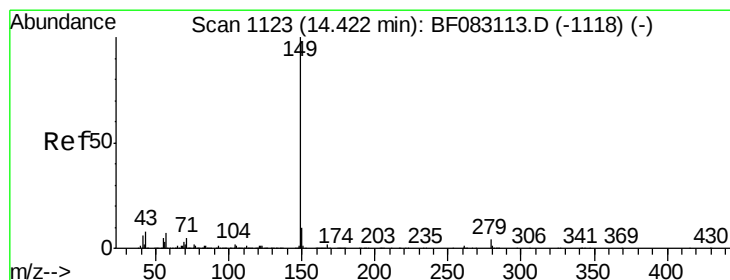
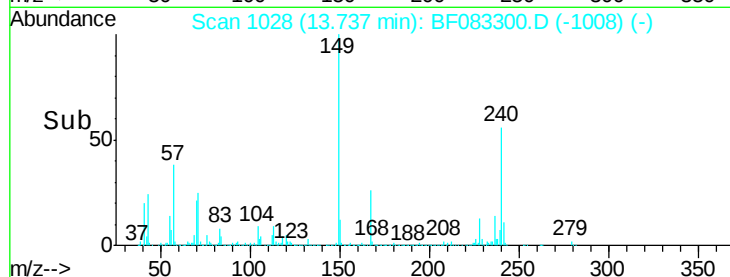
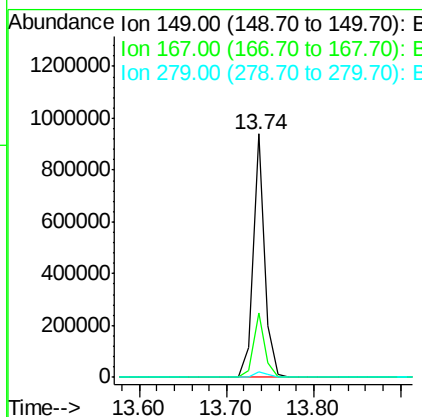
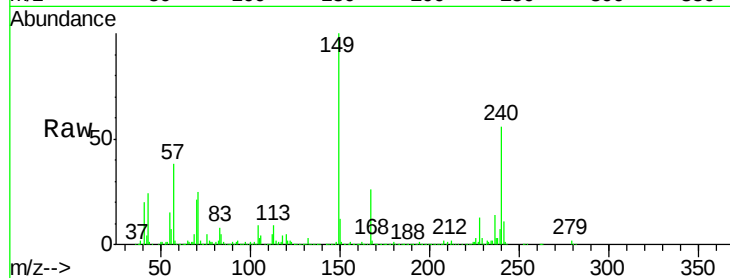
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.52 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.07 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.1	30.1
279	2.4	1.7	2.5

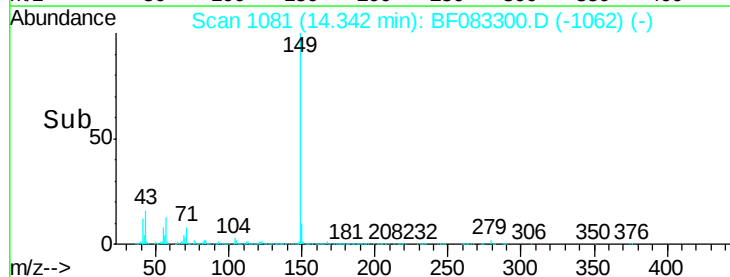
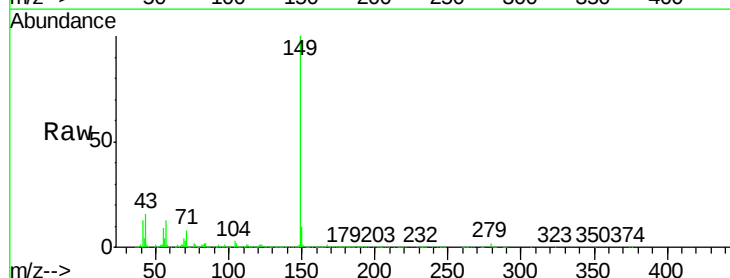
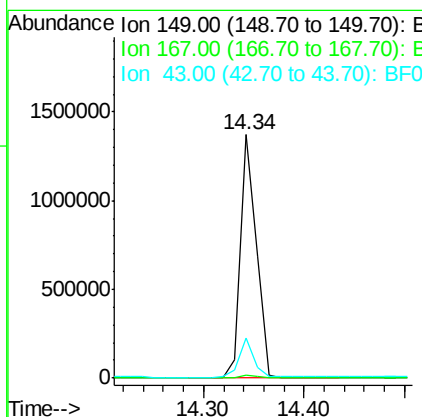
Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM



#84
 Di-n-octyl phthalate
 Concen: 42.57 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.08 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.5	9.5	14.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.15 ng

RT: 16.32 min Scan# 1254

Delta R.T. -0.13 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Instrument :

BNA_F

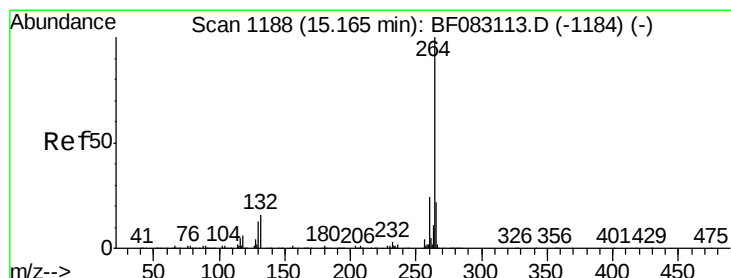
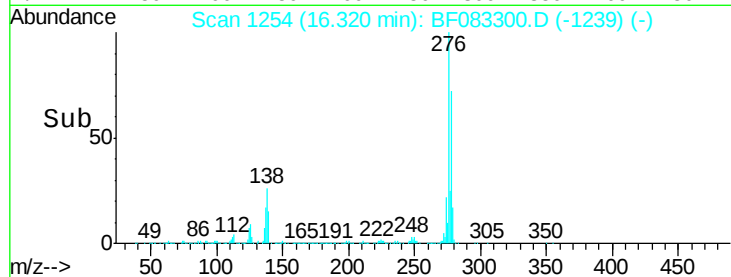
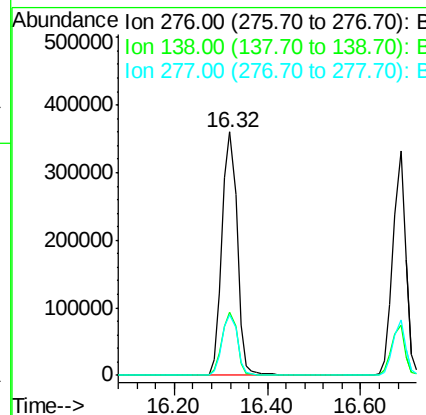
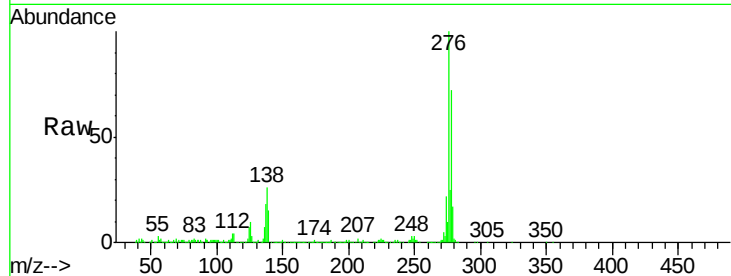
ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	813207
Ion Ratio	Lower	Upper	
276	100		
138	26.3	18.0	27.0
277	25.1	20.2	30.4

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#86

Perylene-d12

Concen: 20.00 ng

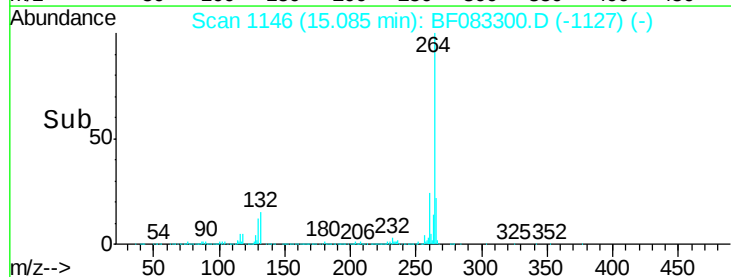
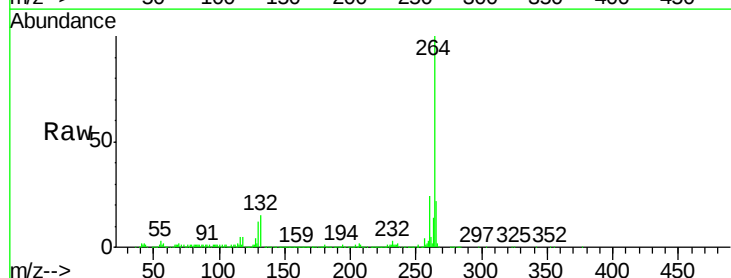
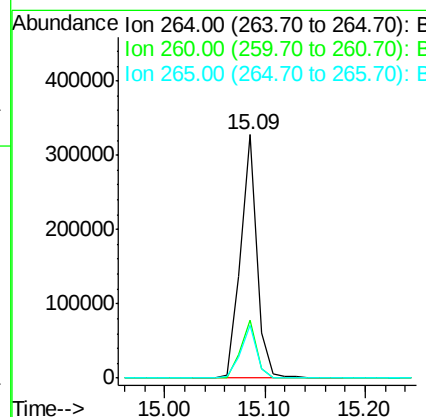
RT: 15.09 min Scan# 1146

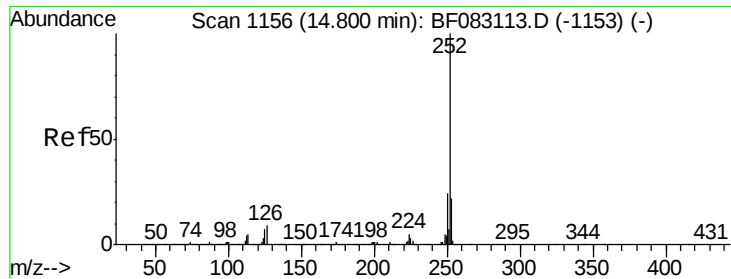
Delta R.T. -0.08 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion:	264	Resp:	371081
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.1	28.7
265	21.9	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 34.69 ng m

RT: 14.72 min Scan# 1114

Delta R.T. -0.08 min

Lab File: BF083300.D

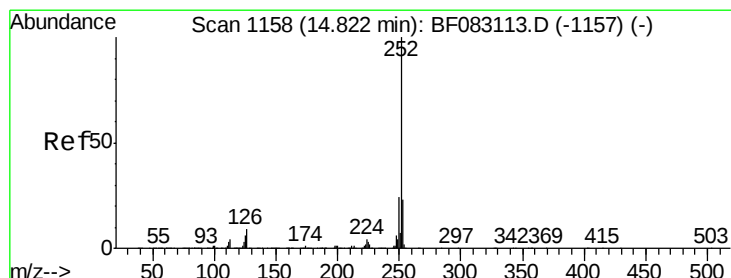
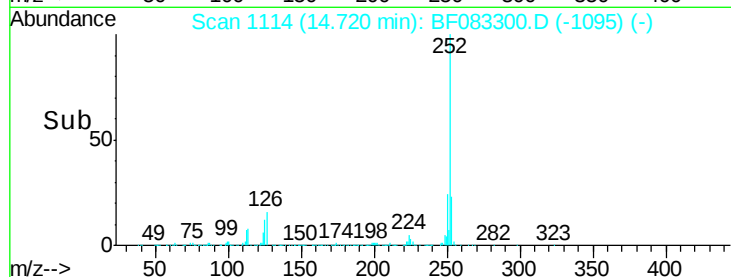
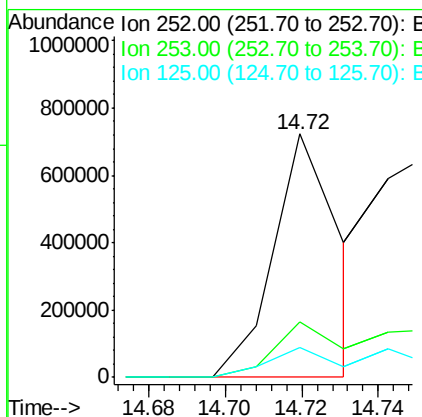
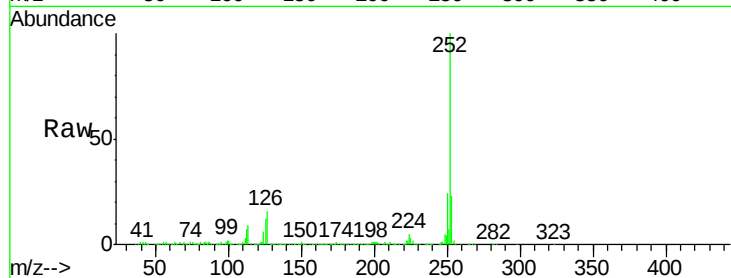
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.0	5.6	8.4

Manual Integrations
APPROVED

mmdadoda
11/26/2015 6:43:51 PM



#88

Benzo(k)fluoranthene

Concen: 46.98 ng m

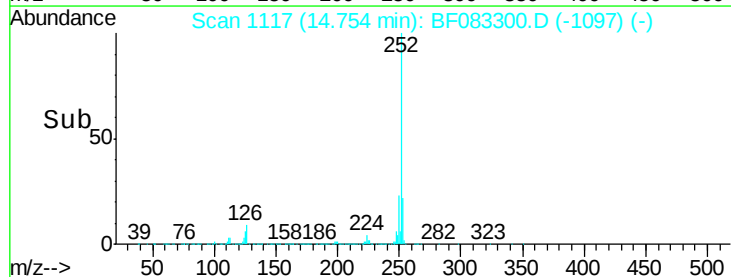
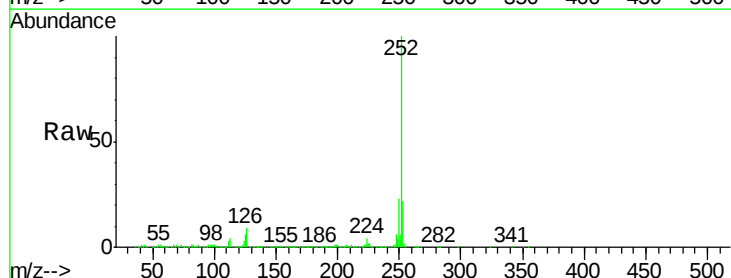
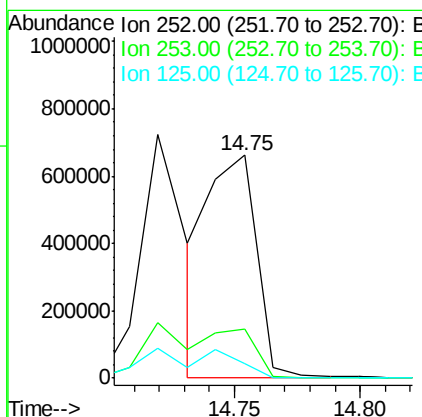
RT: 14.75 min Scan# 1117

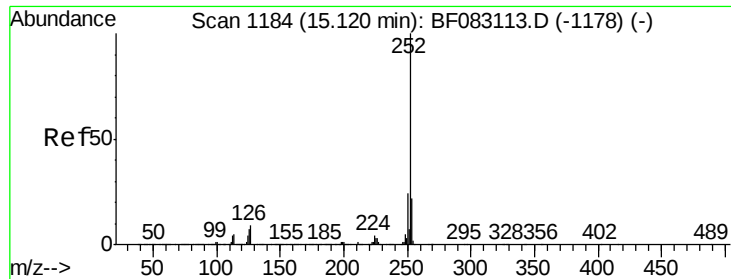
Delta R.T. -0.07 min

Lab File: BF083300.D

Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	6.3	6.8	10.2





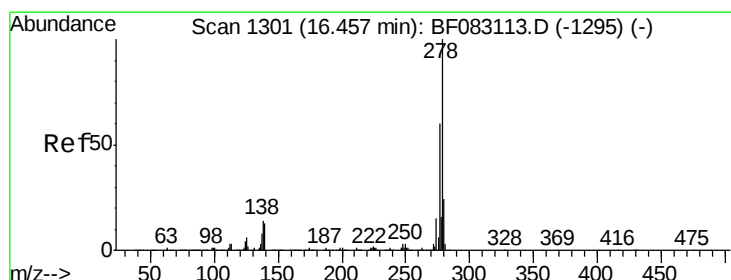
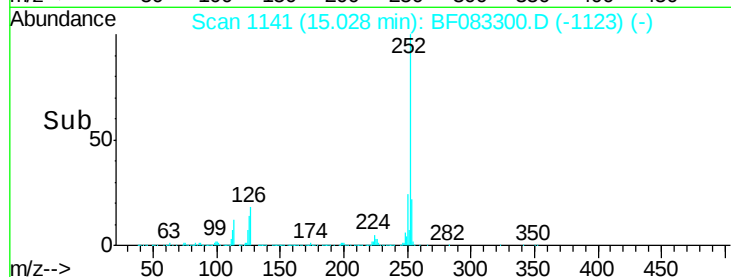
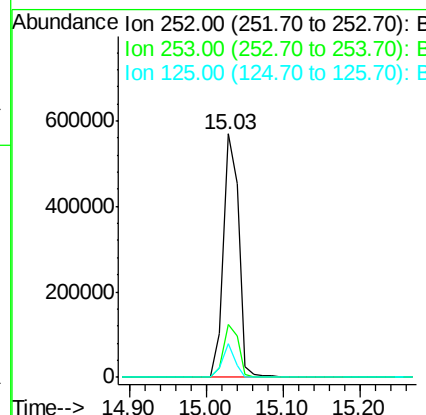
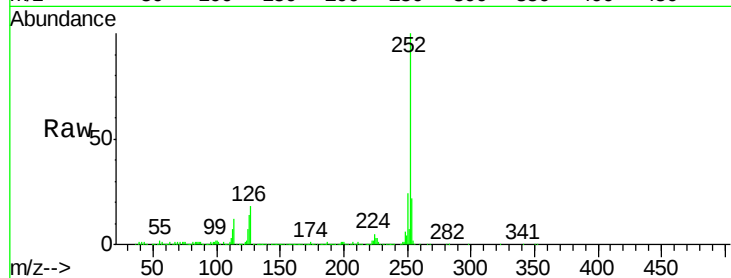
#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.09 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.7	5.4	8.0

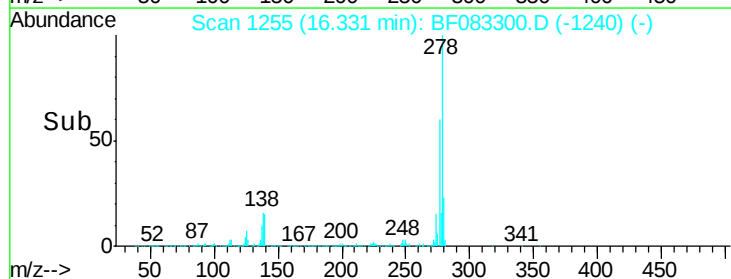
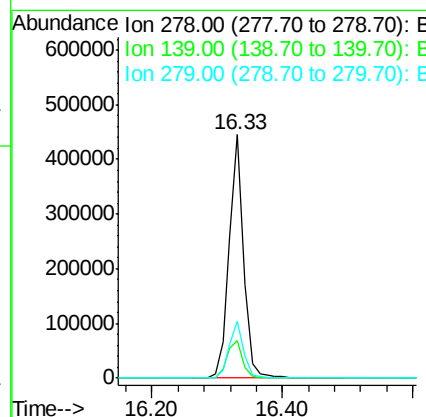
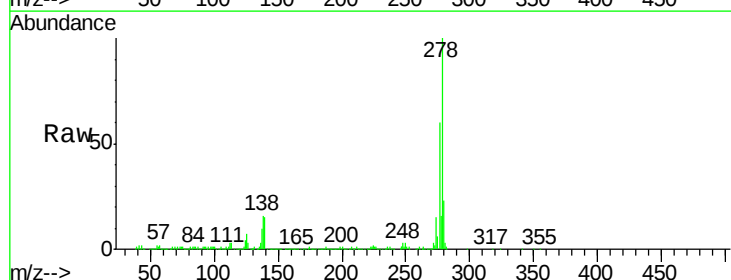
Manual Integrations
APPROVED

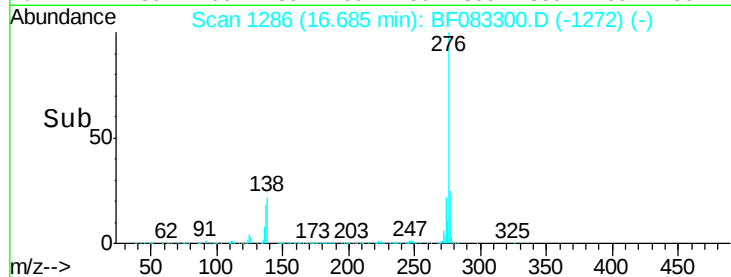
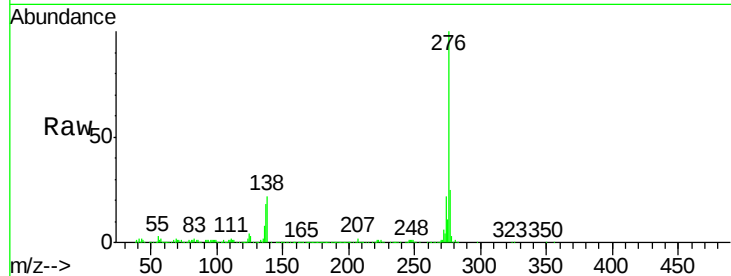
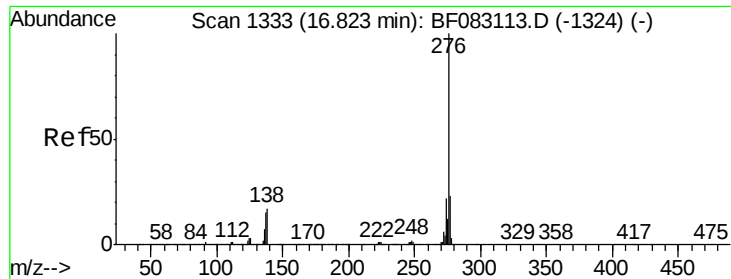
mmdadoda
11/26/2015 6:43:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.30 ng
RT: 16.33 min Scan# 1255
Delta R.T. -0.13 min
Lab File: BF083300.D
Acq: 26 Nov 2015 4:56

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.2	10.7	16.1
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 34.08 ng
 RT: 16.69 min Scan# 1286
 Delta R.T. -0.14 min
 Lab File: BF083300.D
 Acq: 26 Nov 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.9	18.7	28.1
138	22.3	13.9	20.9

Manual Integrations
 APPROVED

mmdadoda
 11/26/2015 6:43:51 PM

