

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083197.D
 Acq On : 23 Nov 2015 11:11
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:53 PM

Quant Time: Nov 24 00:59:49 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	6.64	152	192227	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	732047	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	361424	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	684896	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	601842	20.00	ng	-0.02
86) Perylene-d12	15.14	264	545053	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1027645	80.82	ng	-0.05
7) Phenol-d6	6.31	99	1314678	79.91	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1325239	82.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	280252	75.79	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2095704	80.86	ng	-0.01
78) Terphenyl-d14	12.74	244	1918037	75.05	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	243618	38.68	ng	98
3) Pyridine	2.76	79	744151m	44.73	ng	
4) n-Nitrosodimethylamine	2.72	42	339457	44.24	ng	99
6) Aniline	6.31	93	928068	46.16	ng	95
8) 2-Chlorophenol	6.43	128	565448	41.16	ng	94
9) Benzaldehyde	6.18	77	341189	41.97	ng	98
10) Phenol	6.32	94	748093	37.59	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	613833	43.19	ng	98
12) 1,3-Dichlorobenzene	6.58	146	628610m	40.08	ng	
13) 1,4-Dichlorobenzene	6.66	146	638605	40.25	ng	94
14) 1,2-Dichlorobenzene	6.81	146	545471	37.83	ng	96
15) Benzyl Alcohol	6.81	79	520817	37.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	989960	44.67	ng	76
17) 2-Methylphenol	6.94	107	470339	41.38	ng	95
18) Hexachloroethane	7.15	117	224302	40.13	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	454056	39.66	ng	99
20) 3+4-Methylphenols	7.08	107	631419	43.94	ng	95
22) Acetophenone	7.06	105	837803	39.86	ng	# 98
24) Nitrobenzene	7.23	77	669672	39.12	ng	99
25) Isophorone	7.48	82	1218693	40.18	ng	96
26) 2-Nitrophenol	7.55	139	305018	40.36	ng	93
27) 2,4-Dimethylphenol	7.61	122	473530	39.26	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	705420	40.00	ng	99
29) 2,4-Dichlorophenol	7.80	162	474637	41.38	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	484122	38.42	ng	94
31) Naphthalene	7.95	128	1566461	39.65	ng	98
32) Benzoic acid	7.76	122	374529	39.95	ng	94
33) 4-Chloroaniline	8.01	127	628908	41.03	ng	98
34) Hexachlorobutadiene	8.08	225	295188	39.64	ng	99
35) Caprolactam	8.40	113	138290	37.62	ng	92
36) 4-Chloro-3-methylphenol	8.51	107	502179	37.79	ng	89
37) 2-Methylnaphthalene	8.64	142	992421	38.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	453899	38.75	ng	99
40) Hexachlorocyclopentadiene	8.80	237	244243	36.67	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083197.D
 Acq On : 23 Nov 2015 11:11
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:53 PM

Quant Time: Nov 24 00:59:49 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	8.94	196	344839	41.10	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	335338	39.09	ng	97
45) 1,1'-Biphenyl	9.11	154	1169601	38.02	ng	96
46) 2-Chloronaphthalene	9.13	162	969984	40.15	ng	95
47) 2-Nitroaniline	9.23	65	357185	41.79	ng	99
48) Acenaphthylene	9.54	152	1519833	40.59	ng	100
49) Dimethylphthalate	9.43	163	1141776	41.03	ng	# 99
50) 2,6-Dinitrotoluene	9.48	165	239893	38.42	ng	# 52
51) Acenaphthene	9.71	154	966566	42.42	ng	99
52) 3-Nitroaniline	9.64	138	278812	41.89	ng	# 61
53) 2,4-Dinitrophenol	9.75	184	140953	39.19	ng	# 84
54) Dibenzofuran	9.88	168	1264599	39.24	ng	99
55) 4-Nitrophenol	9.84	139	212604	41.65	ng	# 71
56) 2,4-Dinitrotoluene	9.87	165	310044	39.19	ng	96
57) Fluorene	10.23	166	1050623	39.46	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	278615	39.59	ng	98
59) Diethylphthalate	10.11	149	1017338	36.73	ng	96
60) 4-Chlorophenyl-phenylether	10.23	204	468477	38.41	ng	# 79
61) 4-Nitroaniline	10.26	138	277124	42.28	ng	91
62) Azobenzene	10.38	77	1263284	39.96	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	192634	40.82	ng	# 76
65) n-Nitrosodiphenylamine	10.34	169	878293	37.70	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	299482	39.41	ng	# 91
67) Hexachlorobenzene	10.78	284	319539	38.18	ng	# 79
68) Atrazine	10.88	200	269274	39.81	ng	99
69) Pentachlorophenol	10.97	266	207196	38.01	ng	97
70) Phenanthrene	11.18	178	1443456	36.58	ng	99
71) Anthracene	11.23	178	1650413	40.99	ng	99
72) Carbazole	11.39	167	1458788	40.77	ng	99
73) Di-n-butylphthalate	11.74	149	1665301	38.13	ng	98
74) Fluoranthene	12.35	202	1566862	38.80	ng	96
76) Benzidine	12.49	184	734245	46.55	ng	98
77) Pyrene	12.58	202	1550206	37.70	ng	99
79) Butylbenzylphthalate	13.22	149	708537	36.41	ng	# 87
80) Benzo(a)anthracene	13.77	228	1564603	42.04	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	521932	40.29	ng	100
82) Chrysene	13.81	228	1215469	35.21	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	891814	35.09	ng	97
84) Di-n-octyl phthalate	14.39	149	1511684	34.55	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1164394	37.09	ng	96
87) Benzo(b)fluoranthene	14.78	252	1472127m	39.53	ng	
88) Benzo(k)fluoranthene	14.80	252	1008993m	36.36	ng	
89) Benzo(a)pyrene	15.09	252	1158979	37.69	ng	# 95
90) Dibenzo(a,h)anthracene	16.41	278	961426	34.42	ng	# 96
91) Benzo(g,h,i)perylene	16.78	276	935767	34.32	ng	# 96

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

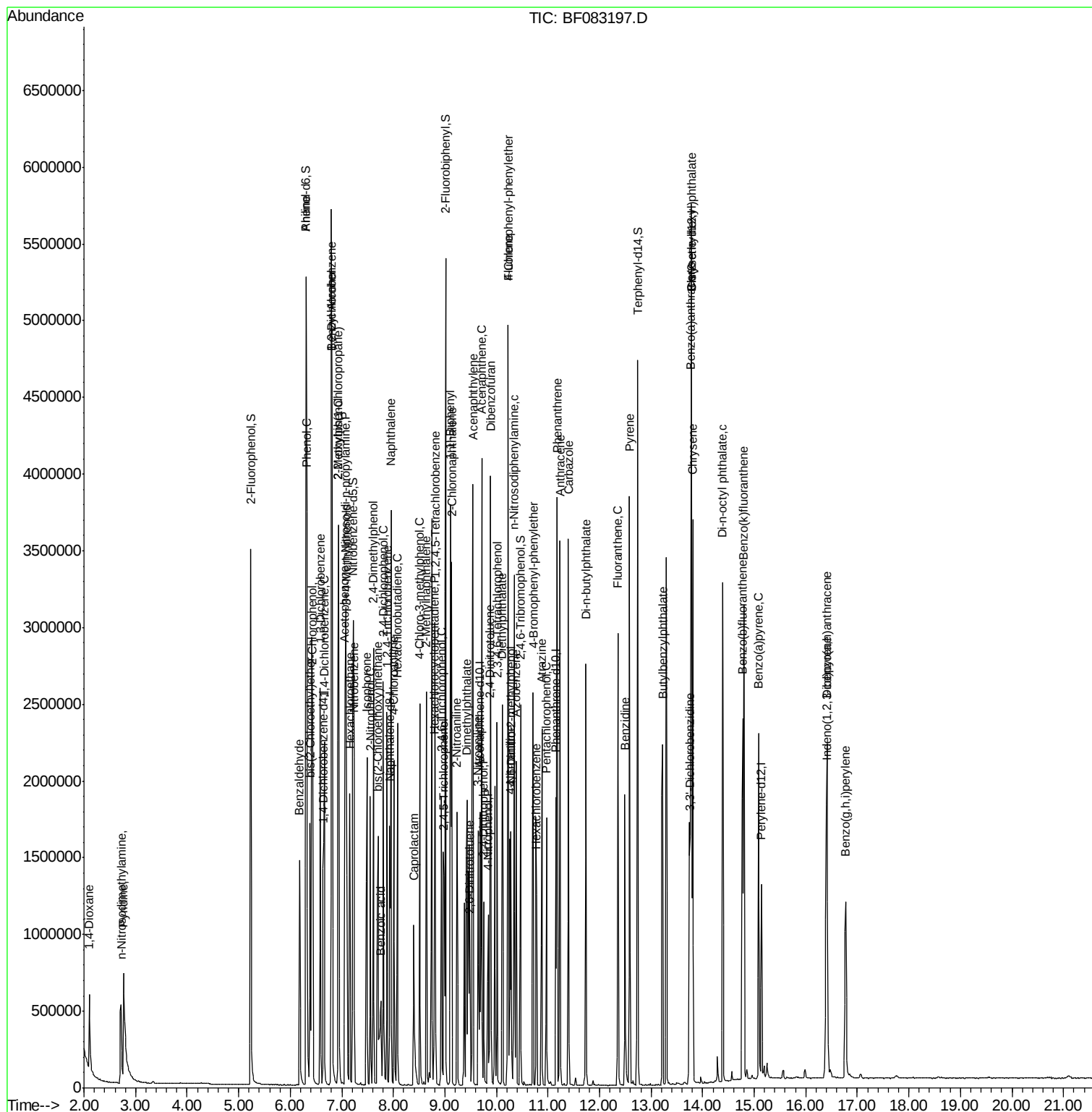
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\  
Data File : BF083197.D  
Acq On    : 23 Nov 2015   11:11  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

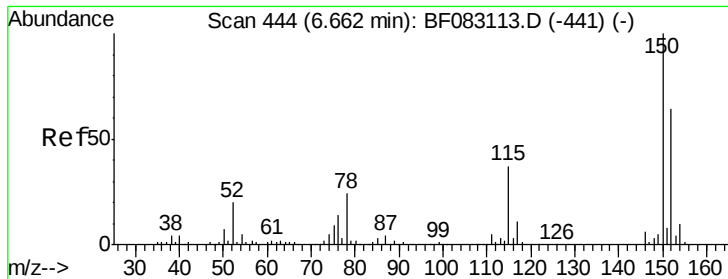
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Mmdadoda
11/24/2015 1:19:53 PM

Quant Time: Nov 24 00:59:49 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





#1

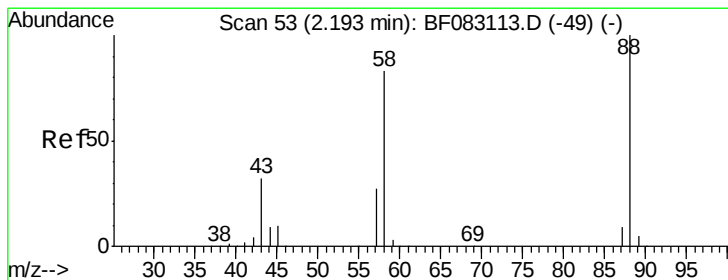
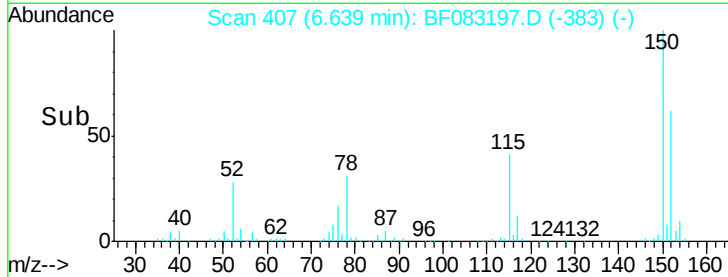
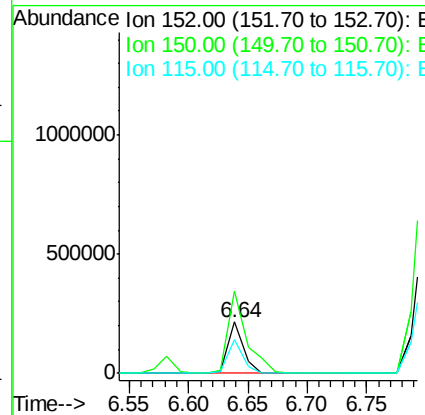
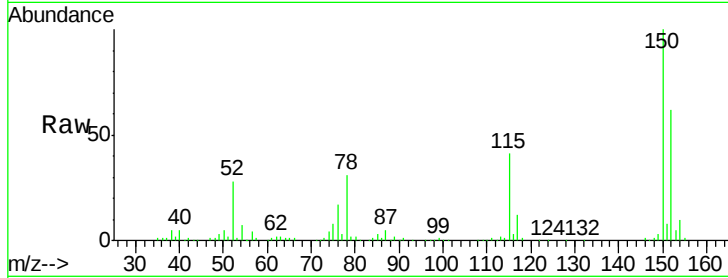
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192227		
150	160.1	125.8	188.8	
115	66.1	46.9	70.3	

Manual Integrations
APPROVED

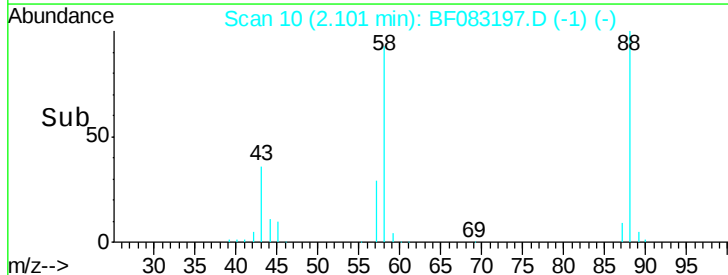
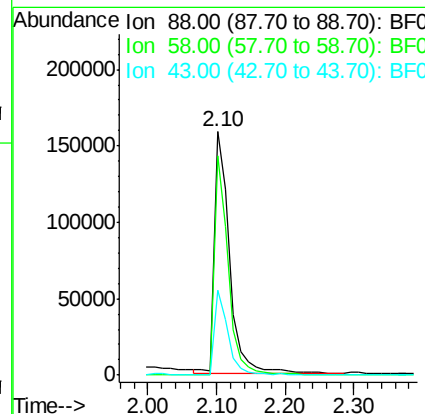
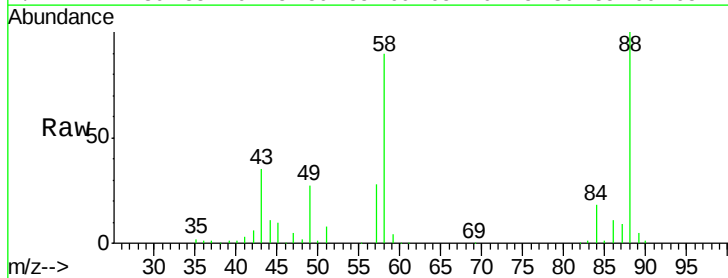
Mmdadoda
11/24/2015 1:19:53 PM

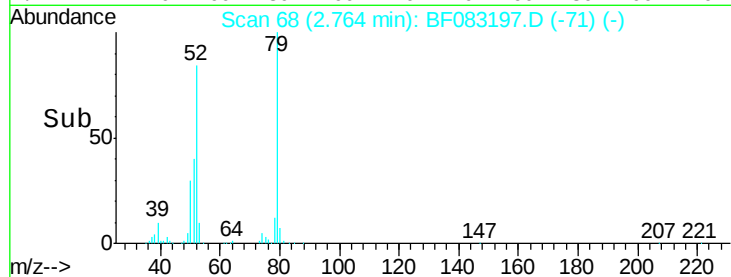
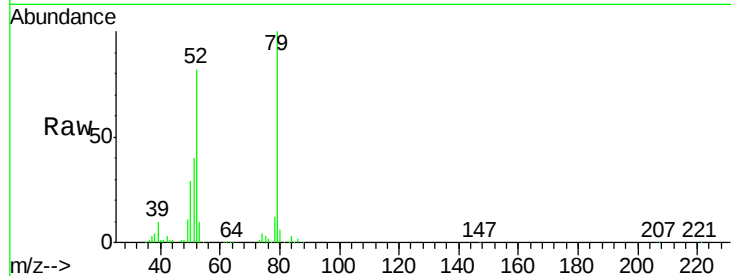
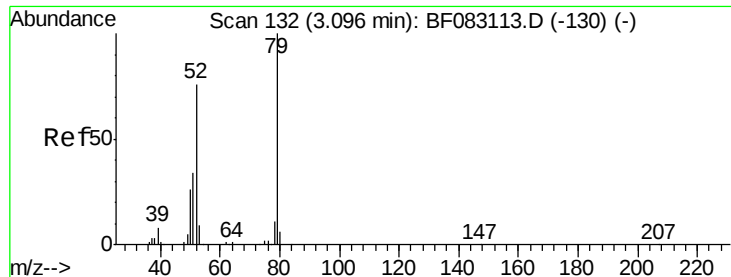


#2

1,4-Dioxane
Concen: 38.68 ng
RT: 2.10 min Scan# 10
Delta R.T. -0.09 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	243618		
58	83.5	65.0	97.6	
43	31.2	24.7	37.1	





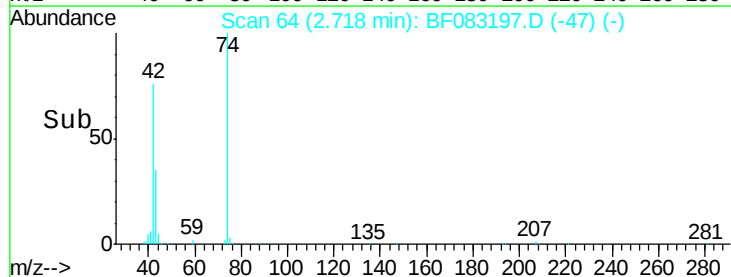
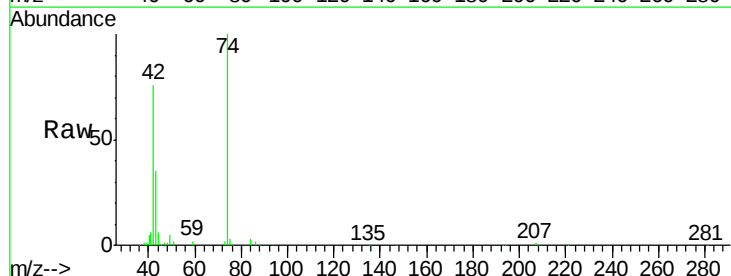
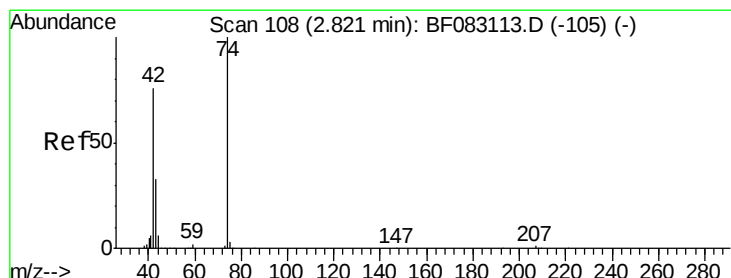
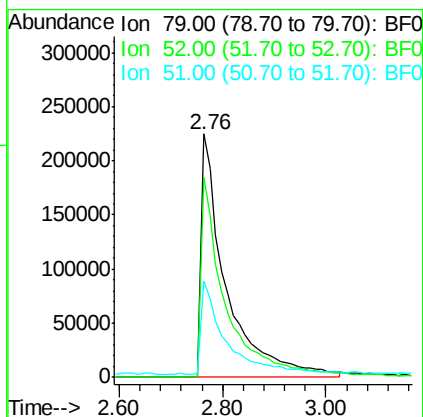
#3
 Pyridine
 Concen: 44.73 ng m
 RT: 2.76 min Scan# 68
 Delta R.T. -0.33 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.2	60.7	91.1
51	39.7	27.9	41.9

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

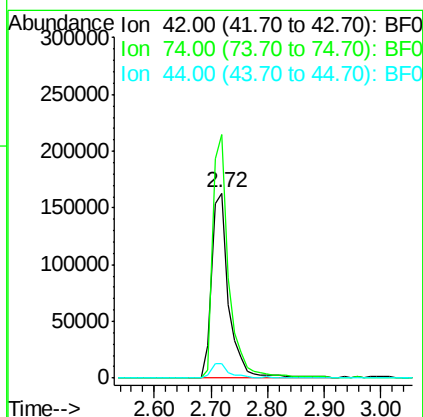
Manual Integrations
 APPROVED

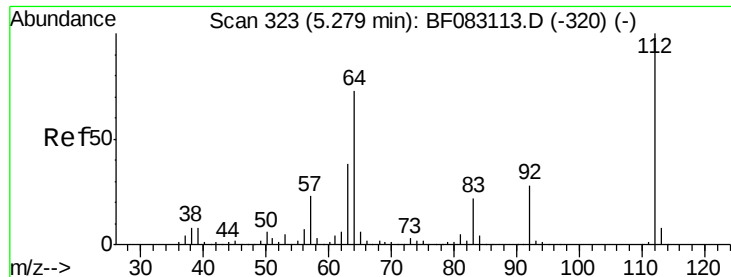
Mmdadoda
 11/24/2015 1:19:53 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.24 ng
 RT: 2.72 min Scan# 64
 Delta R.T. -0.10 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.6	104.8	157.2
44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 80.82 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

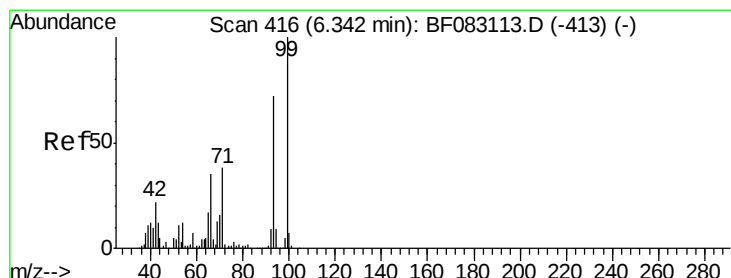
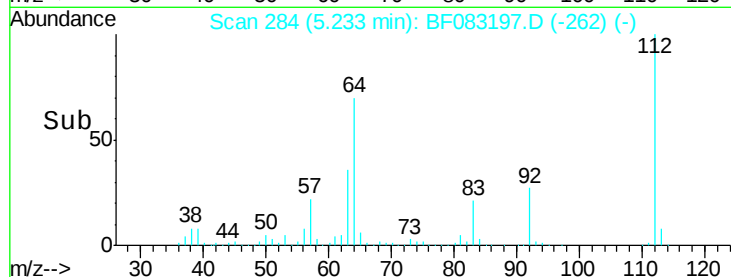
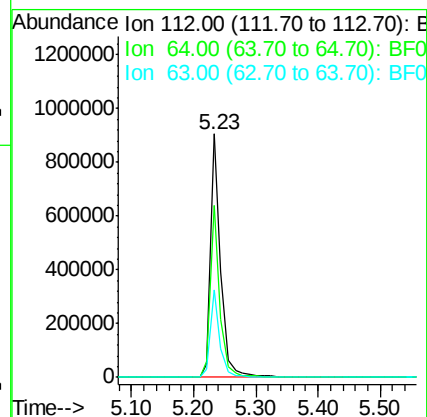
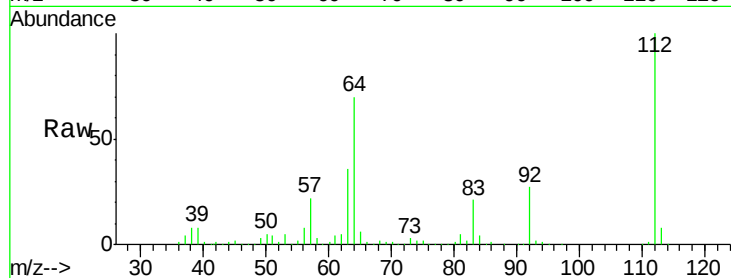
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	1027645
Ion Ratio	Lower	Upper	
112	100		
64	70.5	58.4	87.6
63	35.7	30.0	45.0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#6

Aniline

Concen: 46.16 ng

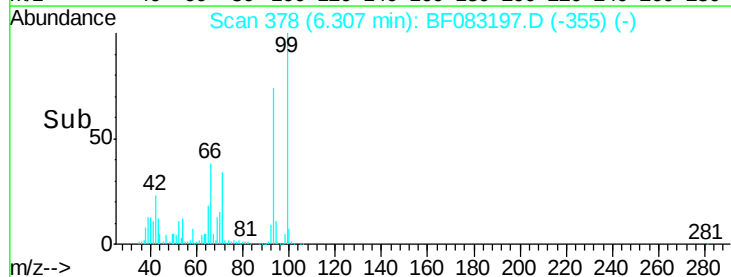
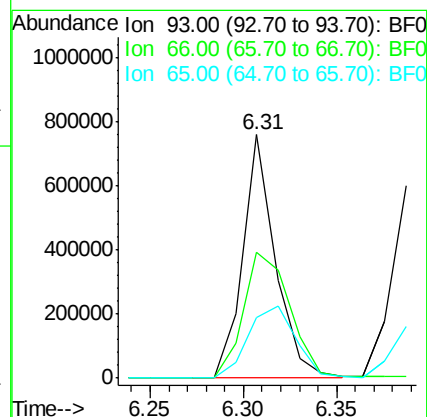
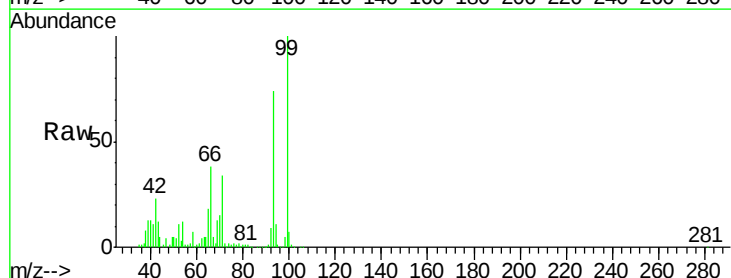
RT: 6.31 min Scan# 378

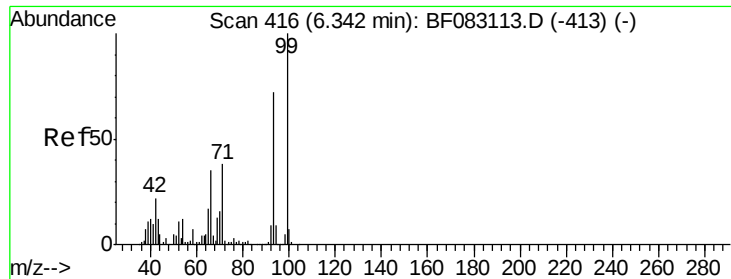
Delta R.T. -0.03 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	93	Resp:	928068
Ion Ratio	Lower	Upper	
93	100		
66	51.9	38.7	58.1
65	25.1	18.6	27.8





#7

Phenol-d6

Concen: 79.91 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1314678

Ion Ratio Lower Upper

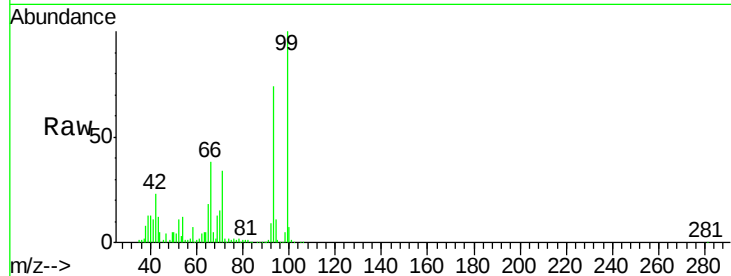
99 100

42 22.6 17.7 26.5

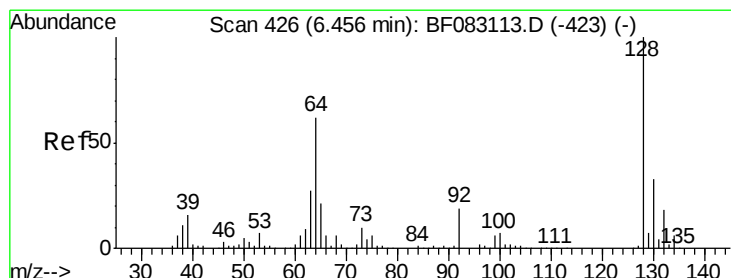
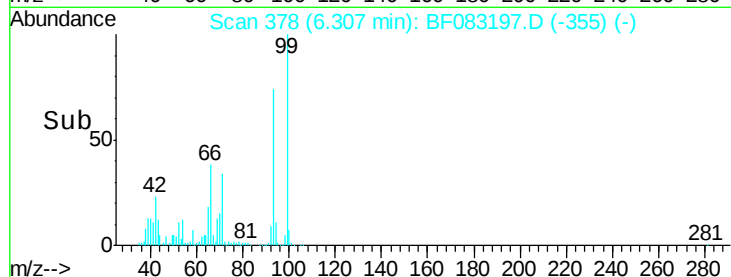
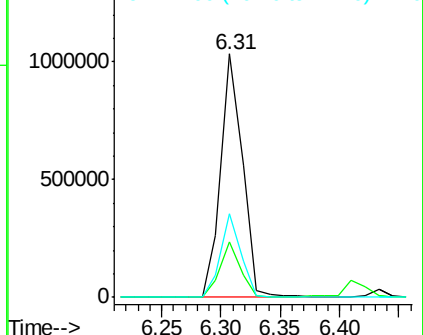
71 34.4 30.2 45.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 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: 41.16 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

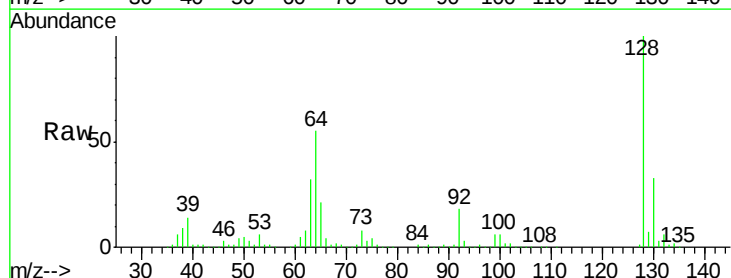
Tgt Ion: 128 Resp: 565448

Ion Ratio Lower Upper

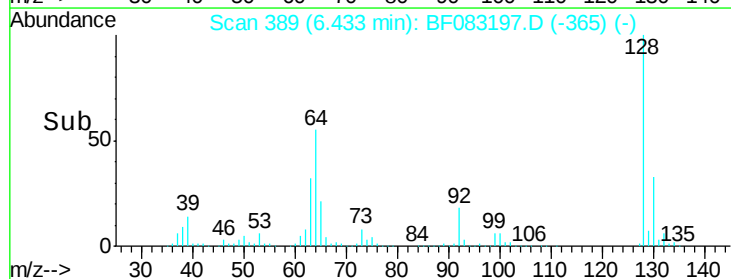
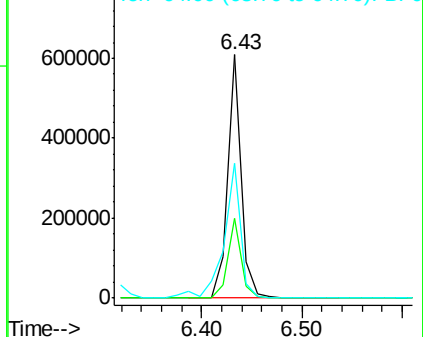
128 100

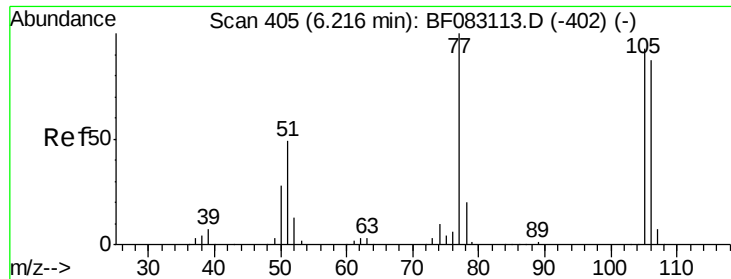
130 32.8 12.6 52.6

64 55.4 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





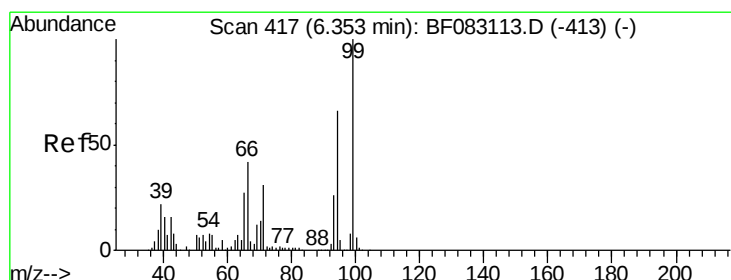
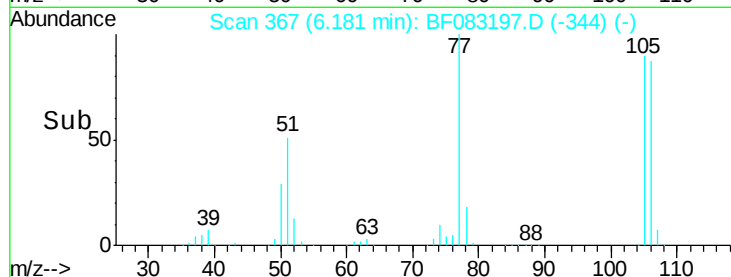
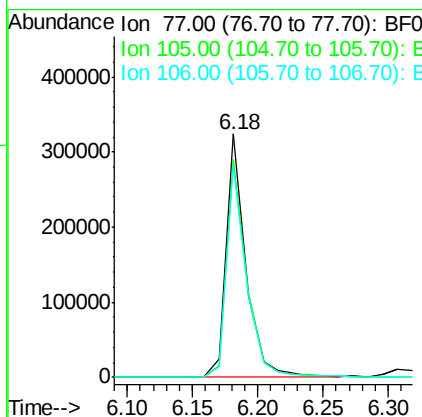
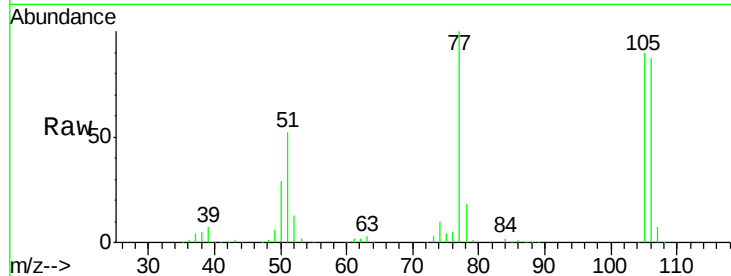
#9
Benzaldehyde
Concen: 41.97 ng
RT: 6.18 min Scan# 367
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.7	73.4	113.4
106	86.7	67.5	107.5

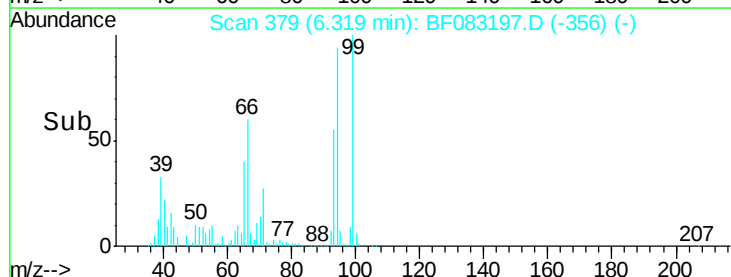
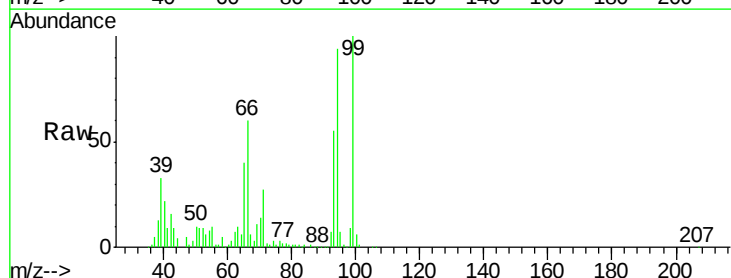
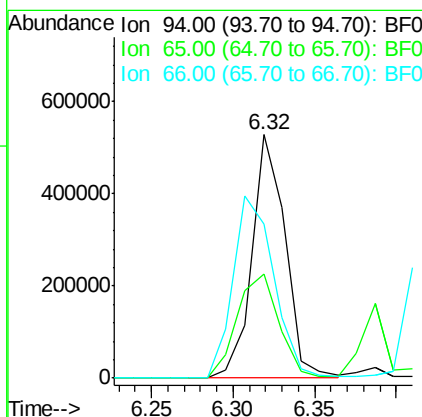
Manual Integrations
APPROVED

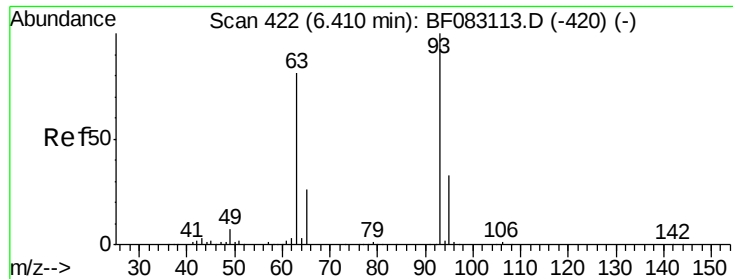
Mmdadoda
11/24/2015 1:19:53 PM



#10
Phenol
Concen: 37.59 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.7	21.1	61.1
66	63.5	43.1	83.1





#11

bis(2-Chloroethyl)ether

Concen: 43.19 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

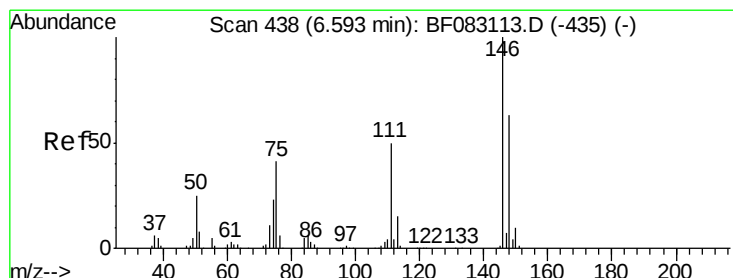
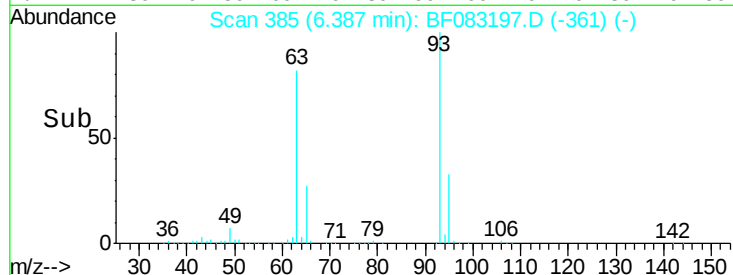
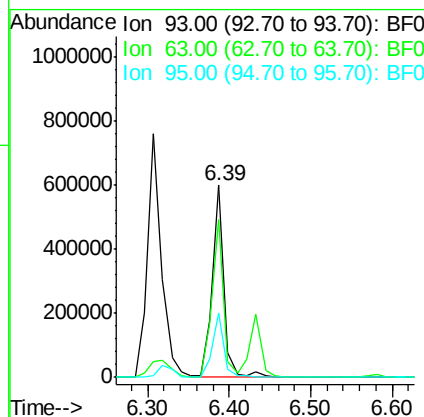
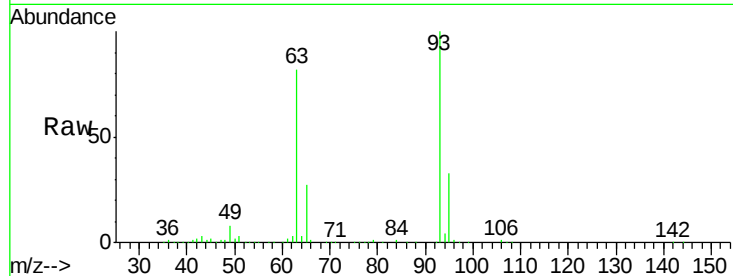
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	613833
Ion Ratio	Lower	Upper	
93	100		
63	81.8	59.8	99.8
95	33.3	13.0	53.0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#12

1,3-Dichlorobenzene

Concen: 40.08 ng m

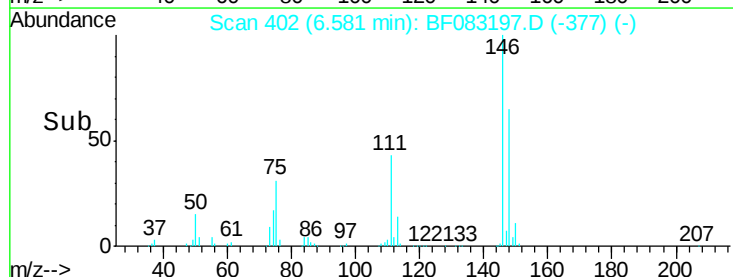
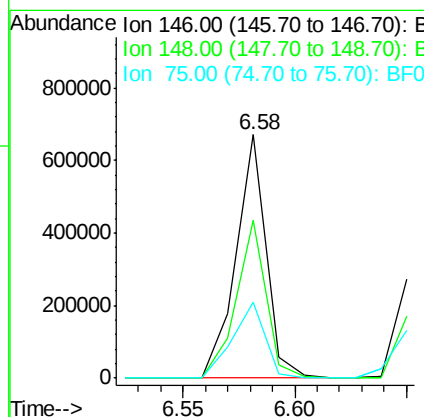
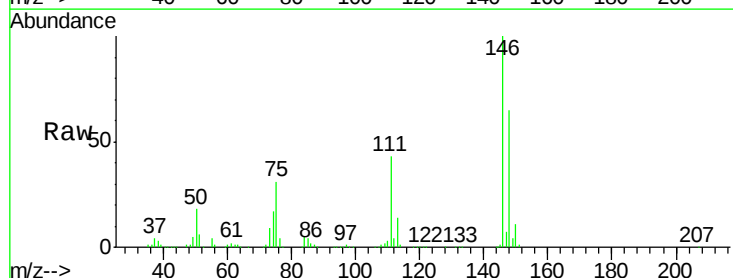
RT: 6.58 min Scan# 402

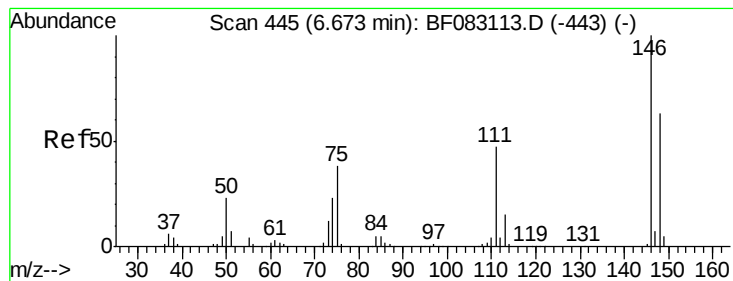
Delta R.T. -0.01 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	146	Resp:	628610
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.2	75.2
75	31.1	32.7	49.1#





#13

1,4-Dichlorobenzene

Concen: 40.25 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

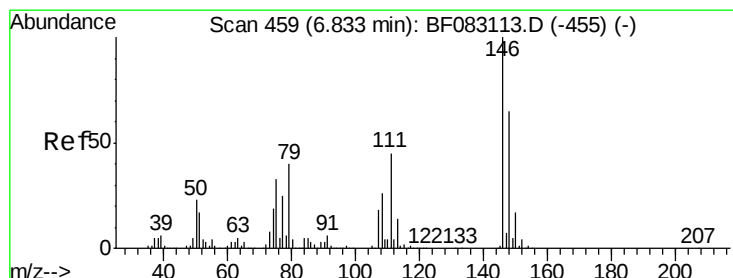
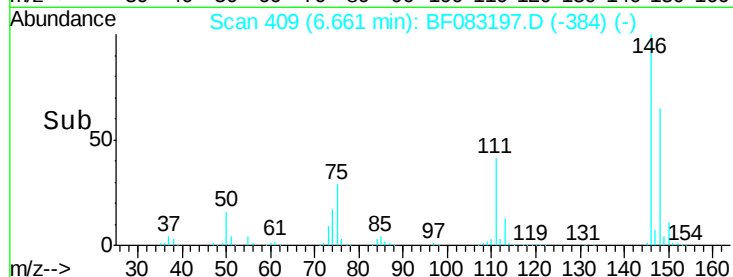
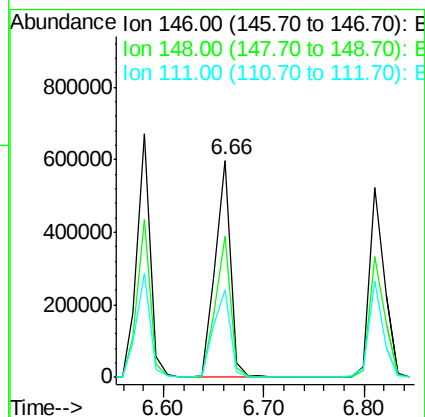
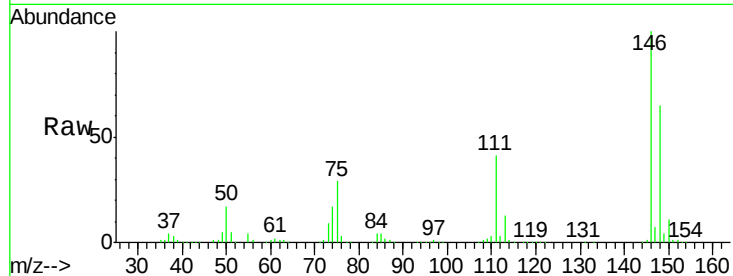
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	638605
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.2	75.2
111	40.6	37.5	56.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#14

1,2-Dichlorobenzene

Concen: 37.83 ng

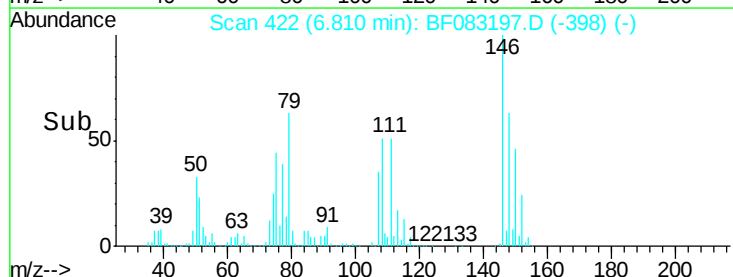
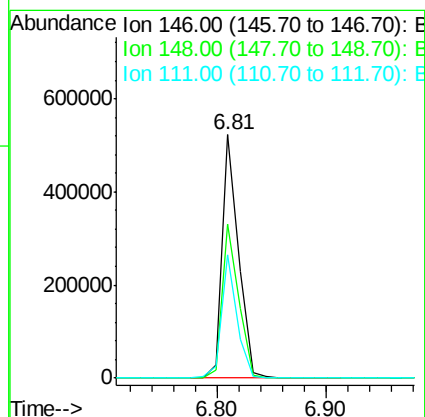
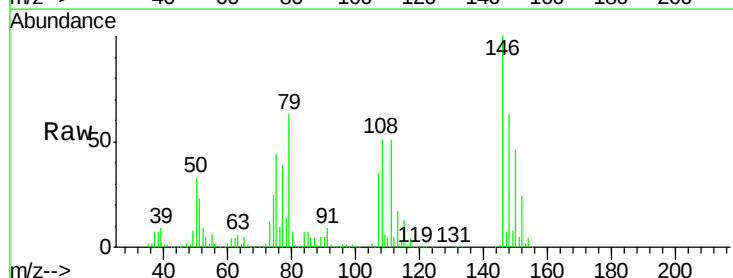
RT: 6.81 min Scan# 422

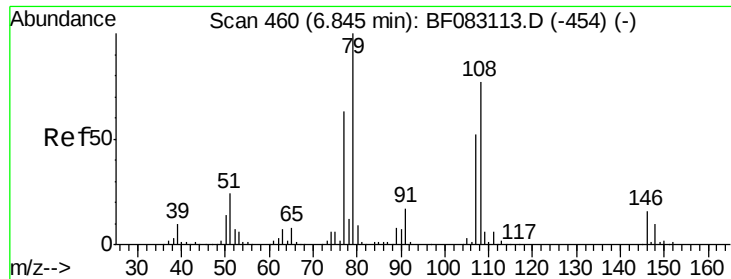
Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	146	Resp:	545471
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.6
111	50.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 37.89 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 520817
Ion Ratio Lower Upper

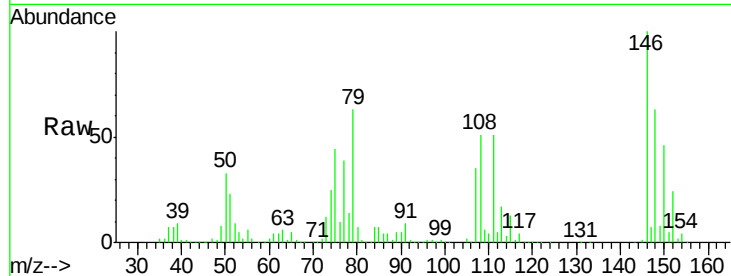
79 100

108 81.3 61.4 92.2

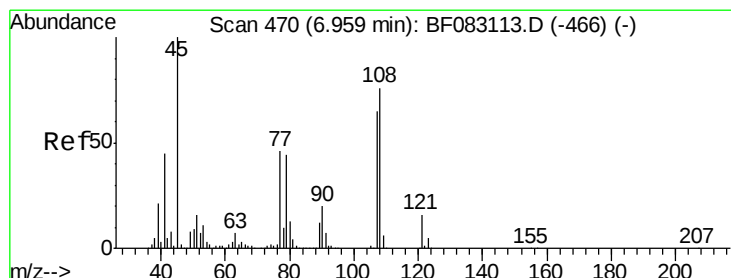
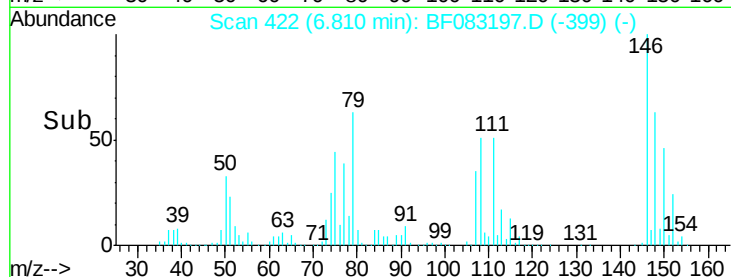
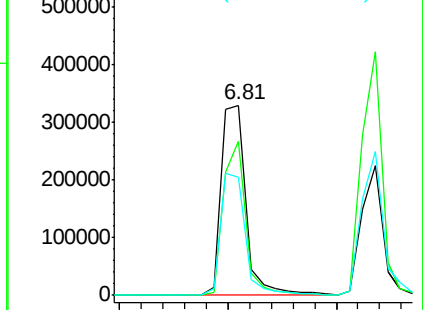
77 62.3 50.5 75.7

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.67 ng

RT: 6.94 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083197.D

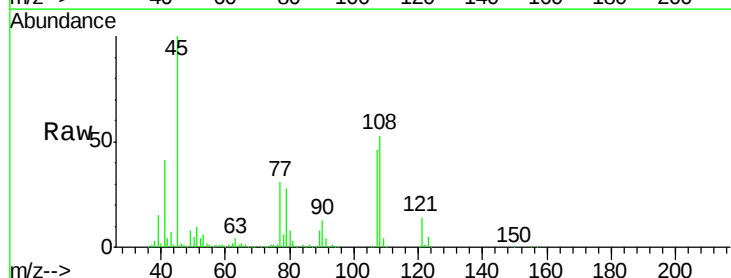
Acq: 23 Nov 2015 11:11

Tgt Ion: 45 Resp: 989960
Ion Ratio Lower Upper

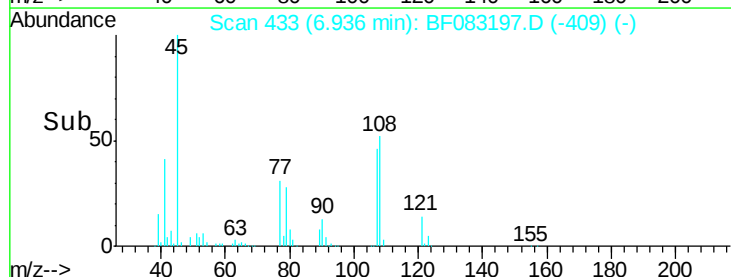
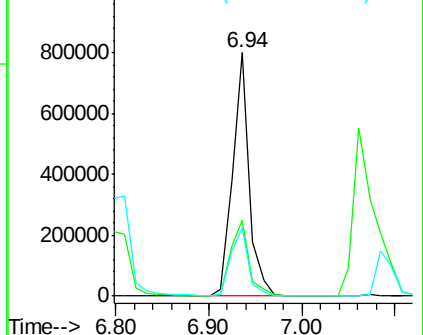
45 100

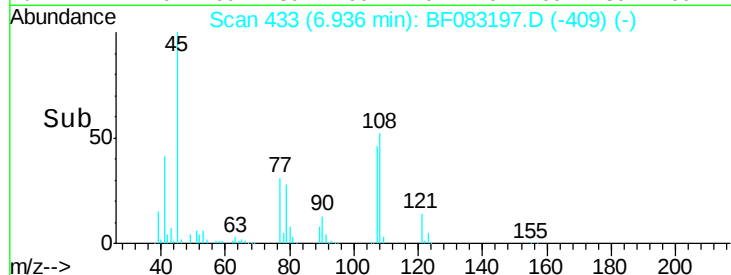
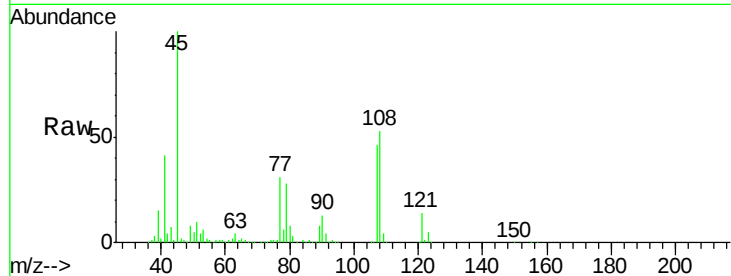
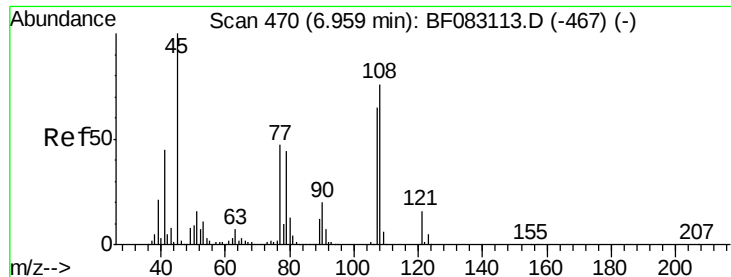
77 31.1 26.7 66.7

79 28.0 24.3 64.3



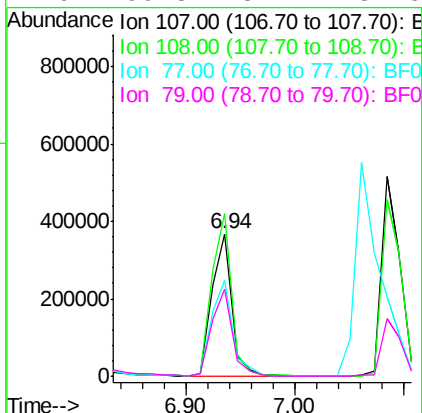
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 41.38 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

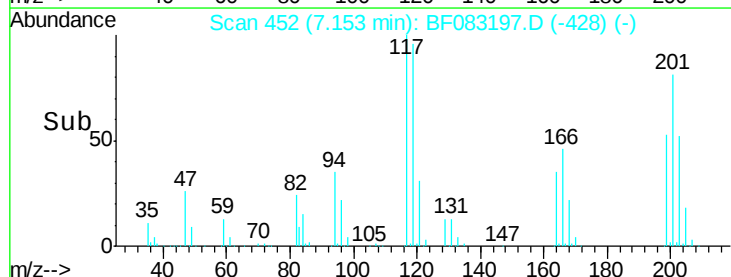
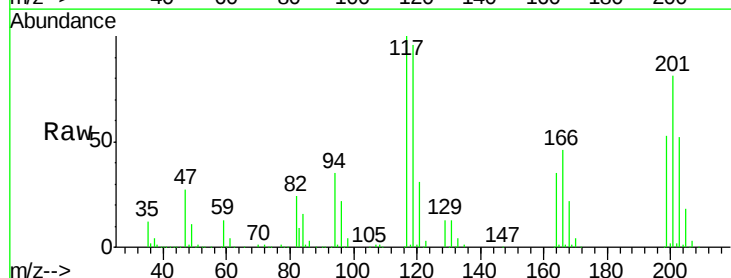
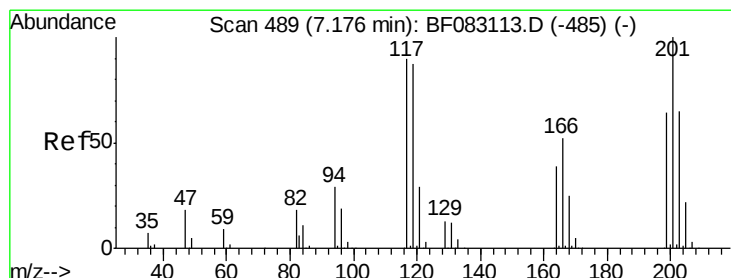
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	470339		
108	114.3	93.8	140.6	
77	67.4	57.4	86.0	
79	60.8	54.4	81.6	



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

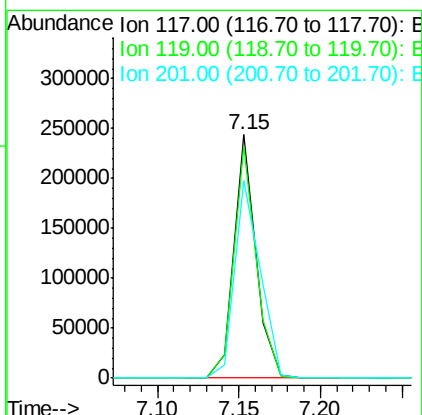
Manual Integrations
APPROVED

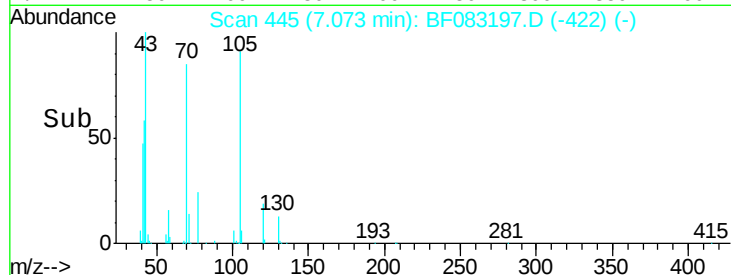
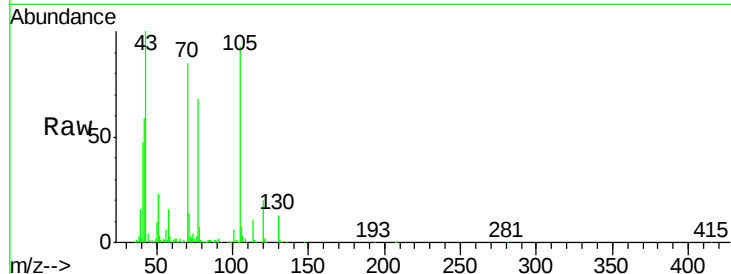
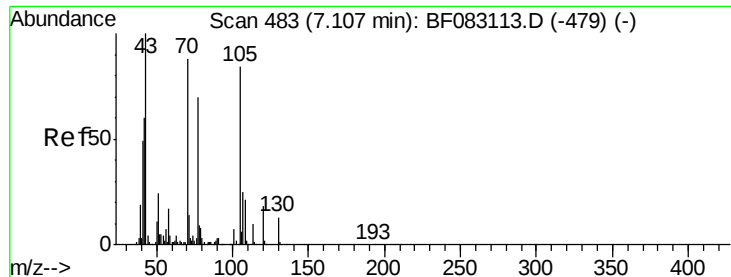
Mmdadoda
11/24/2015 1:19:53 PM



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224302		
119	95.5	76.8	115.2	
201	81.3	88.6	133.0#	





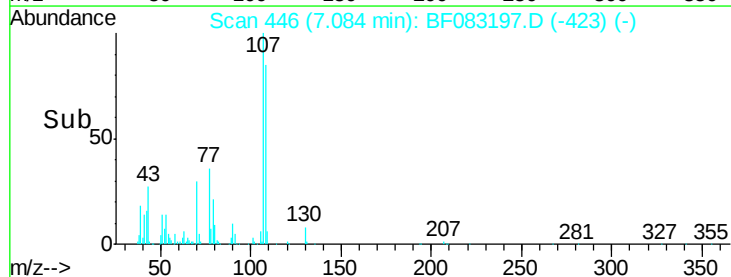
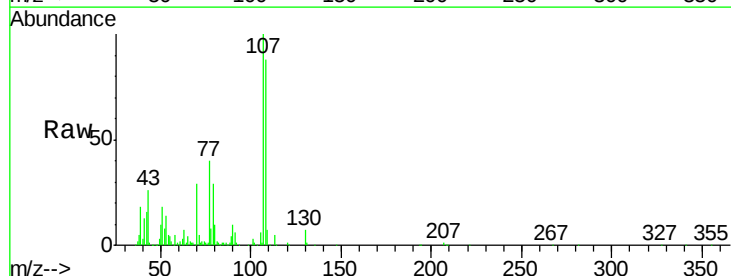
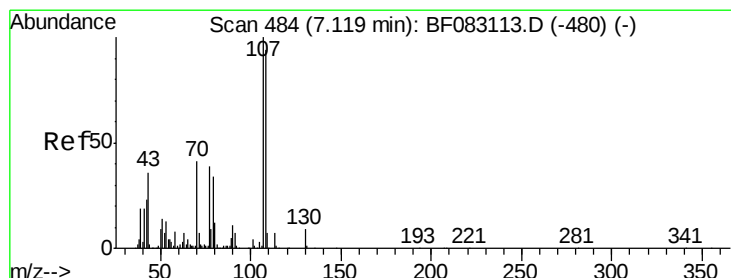
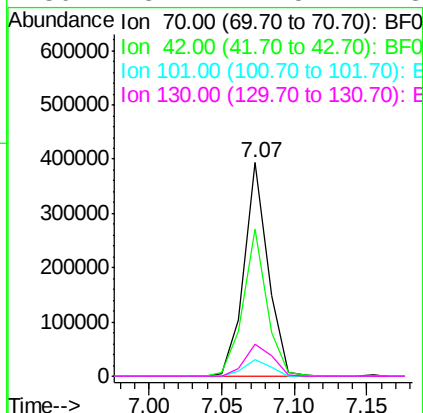
#19
n-Nitroso-di-n-propylamine
Concen: 39.66 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

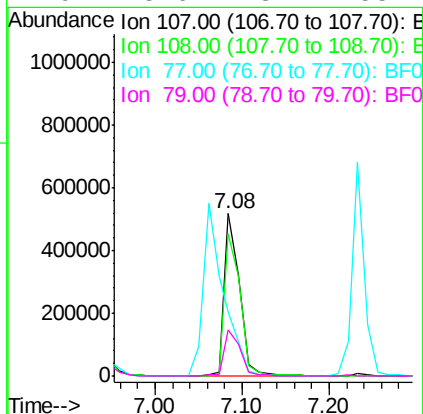
Mmdadoda
11/24/2015 1:19:53 PM

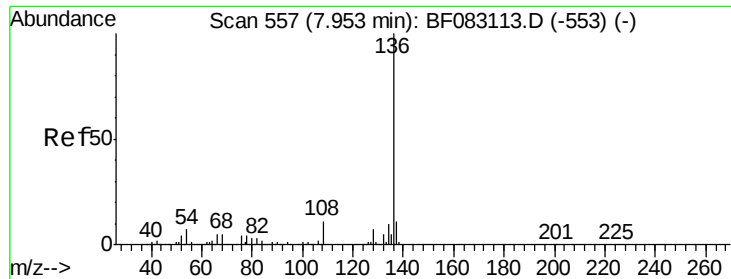
Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.1	54.5	81.7
101	7.6	6.6	9.8
130	15.1	11.5	17.3



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.8	113.8
77	39.9	19.1	59.1
79	28.6	13.7	53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

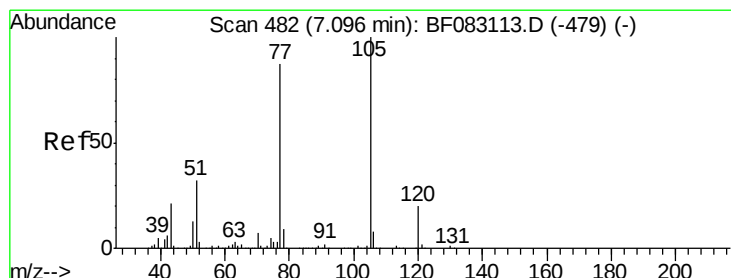
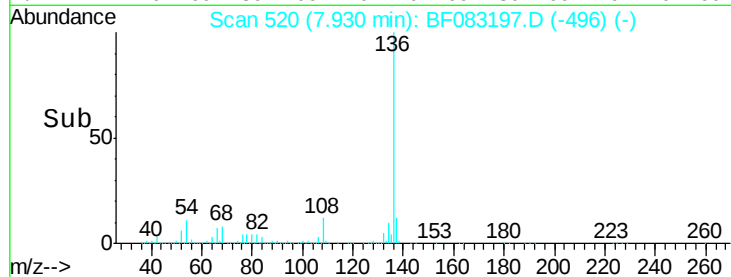
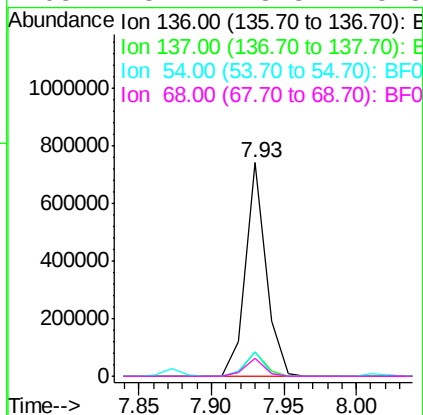
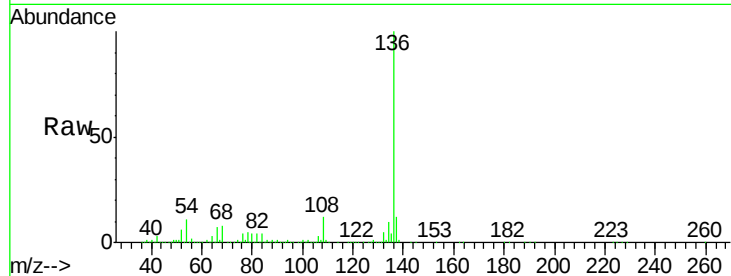
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	732047		
137	11.6	8.7	13.1	
54	11.3	5.8	8.6#	
68	8.4	3.8	5.8#	

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#22

Acetophenone

Concen: 39.86 ng

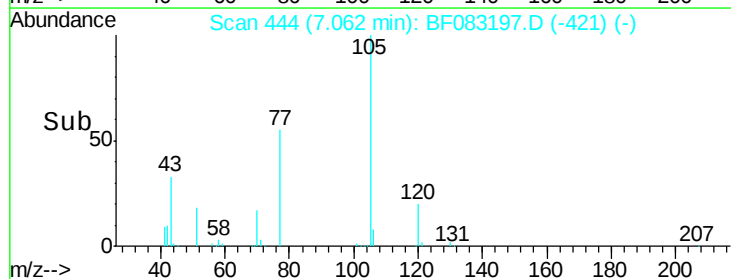
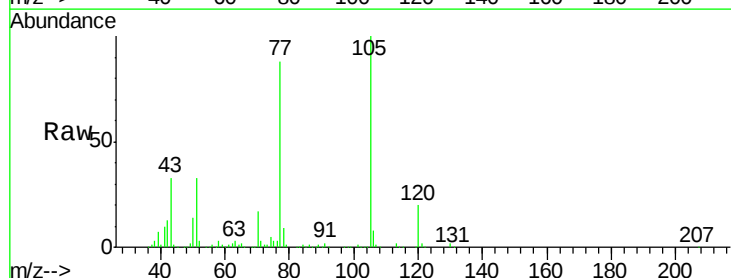
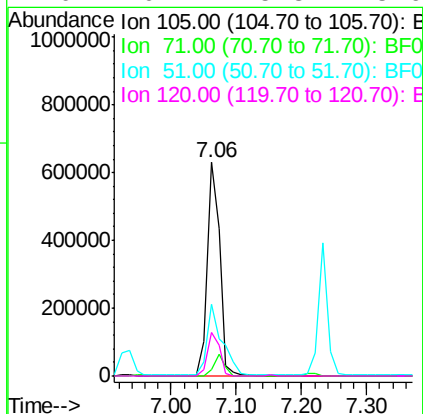
RT: 7.06 min Scan# 444

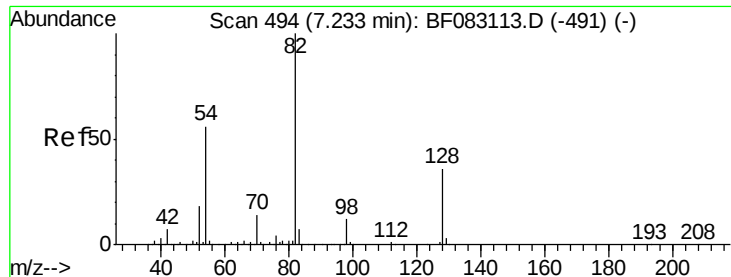
Delta R.T. -0.03 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	837803		
71	2.9	1.0	1.4#	
51	33.4	25.6	38.4	
120	20.1	15.8	23.6	





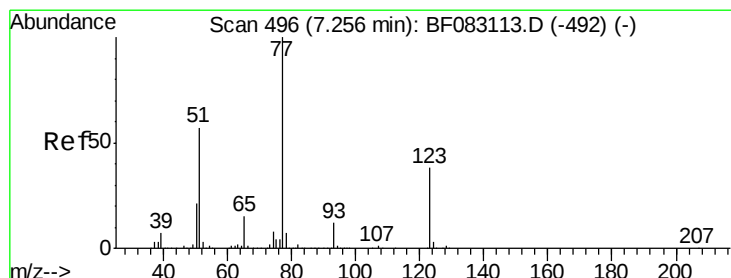
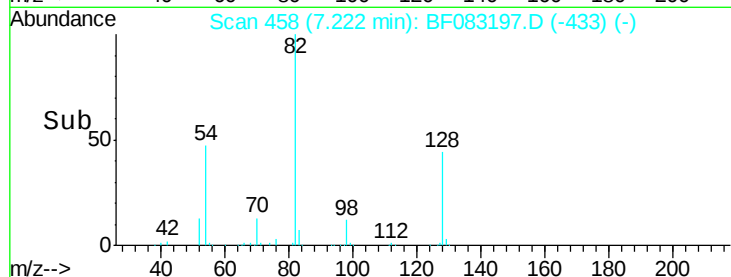
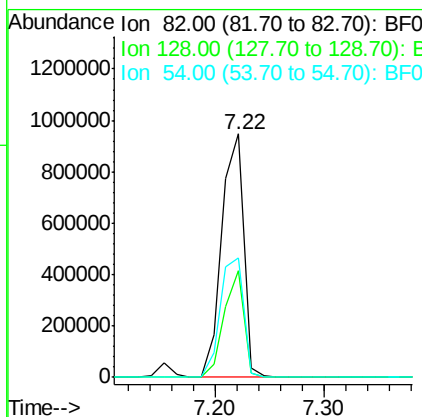
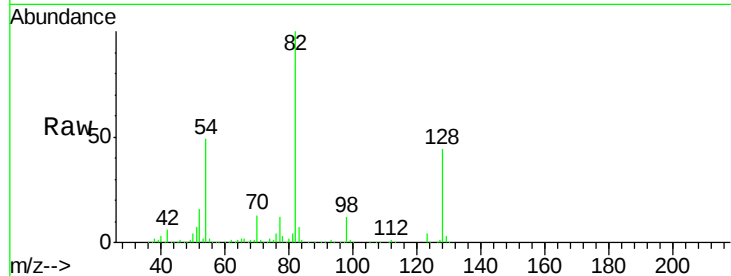
#23
 Nitrobenzene-d5
 Concen: 82.72 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1325239
 Ion Ratio Lower Upper
 82 100
 128 43.9 28.5 42.7#
 54 48.9 44.6 67.0

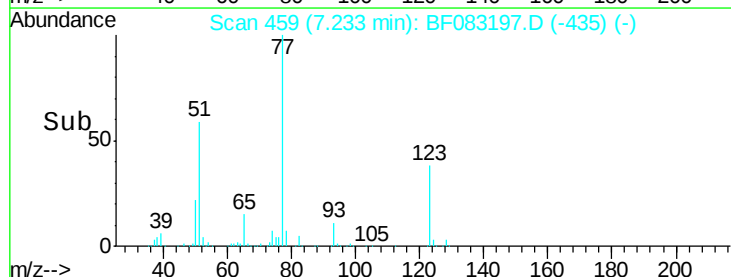
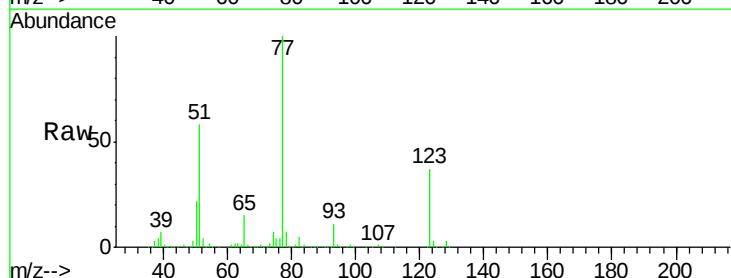
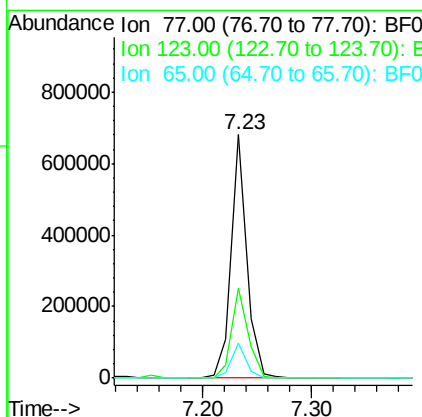
Manual Integrations
 APPROVED

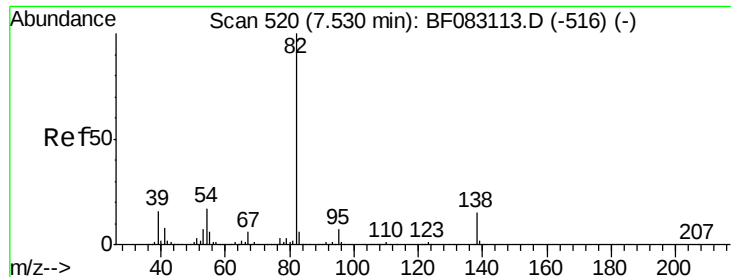
Mmdadoda
 11/24/2015 1:19:53 PM



#24
 Nitrobenzene
 Concen: 39.12 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion: 77 Resp: 669672
 Ion Ratio Lower Upper
 77 100
 123 37.1 30.1 45.1
 65 14.6 11.6 17.4





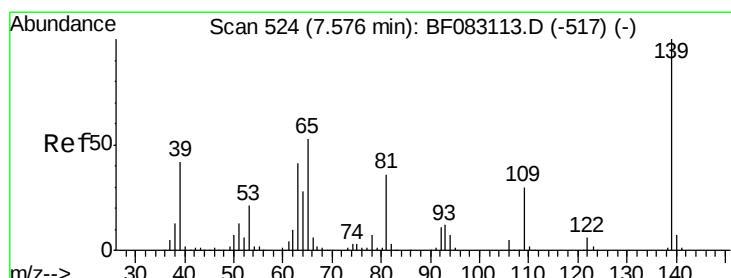
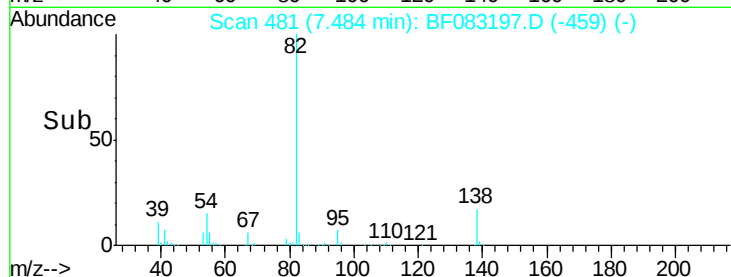
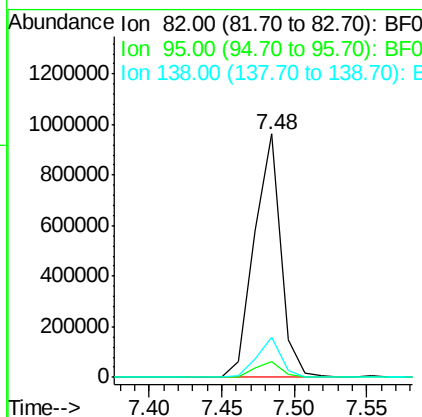
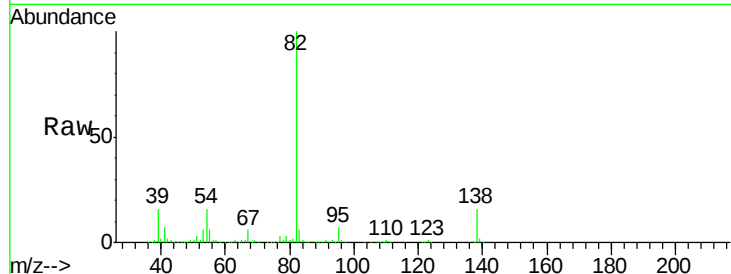
#25
Isophorone
Concen: 40.18 ng
RT: 7.48 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1218693
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.8
138 16.3 11.6 17.4

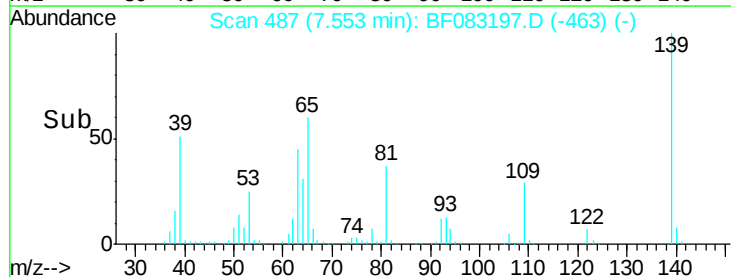
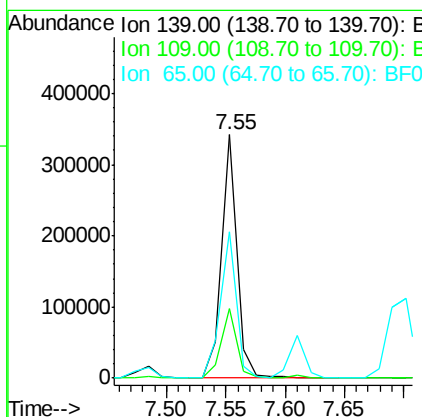
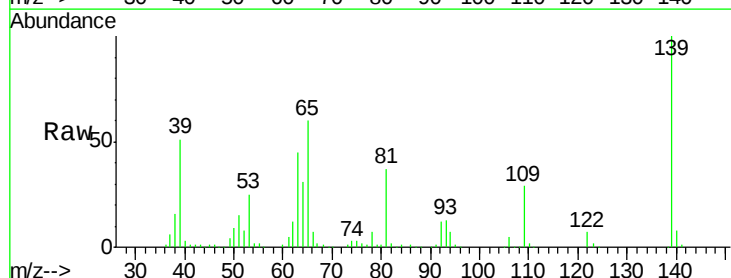
Manual Integrations
APPROVED

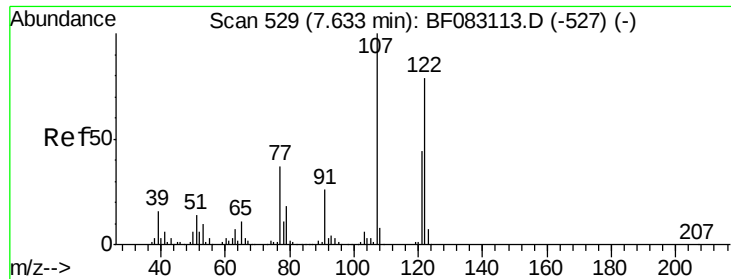
Mmdadoda
11/24/2015 1:19:53 PM



#26
2-Nitrophenol
Concen: 40.36 ng
RT: 7.55 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion: 139 Resp: 305018
Ion Ratio Lower Upper
139 100
109 28.5 23.9 35.9
65 60.1 42.7 64.1





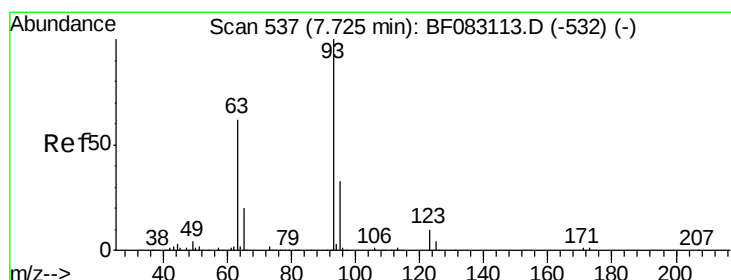
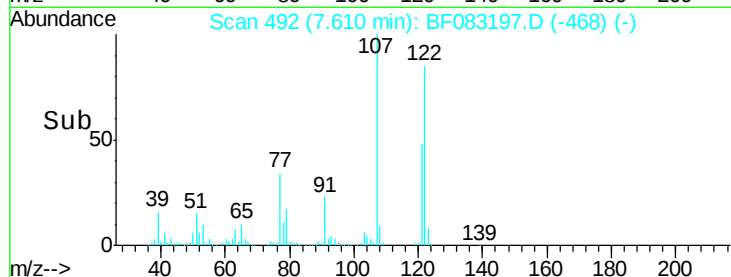
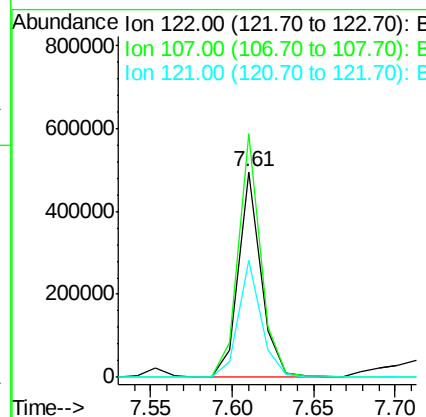
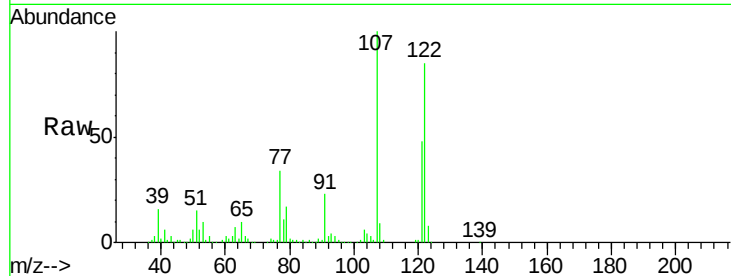
#27
 2,4-Dimethylphenol
 Concen: 39.26 ng
 RT: 7.61 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	473530		
107	118.3	101.1	151.7	
121	56.9	44.9	67.3	

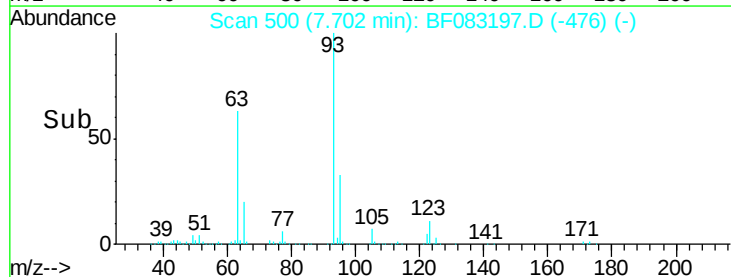
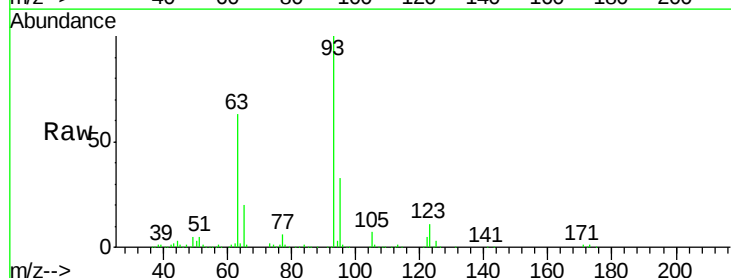
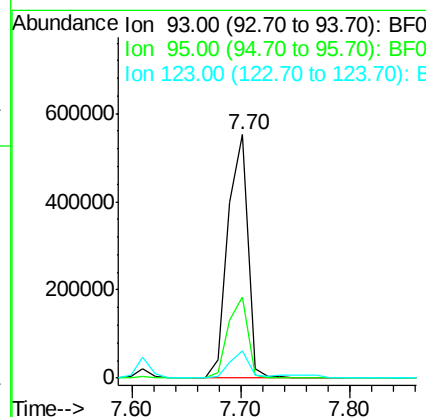
Manual Integrations
 APPROVED

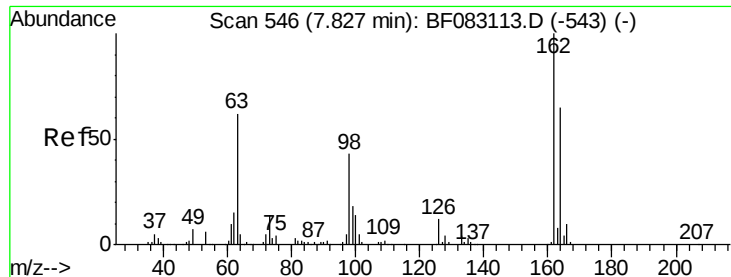
Mmdadoda
 11/24/2015 1:19:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.00 ng
 RT: 7.70 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	705420		
95	33.4	26.5	39.7	
123	11.3	8.1	12.1	





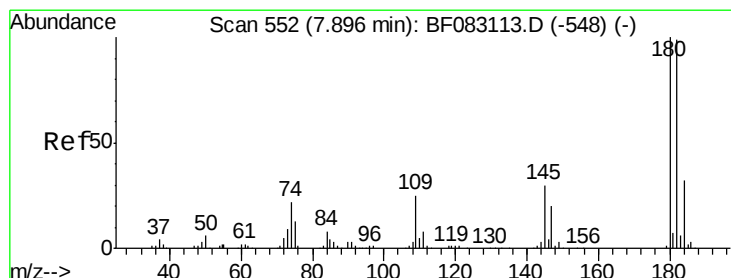
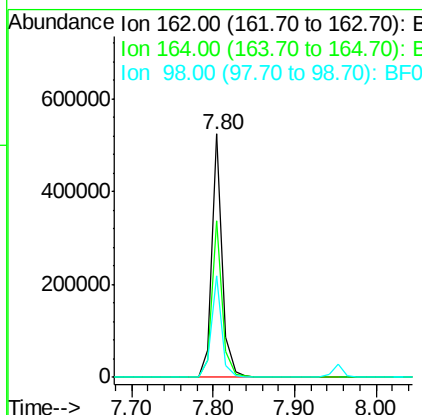
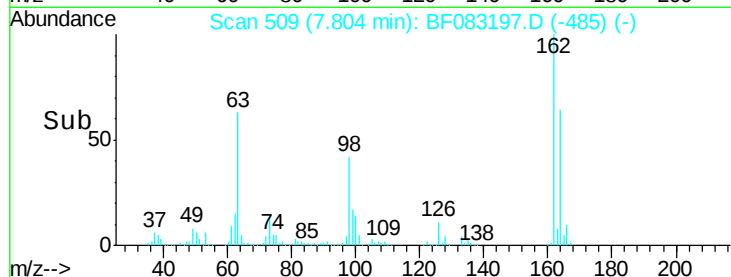
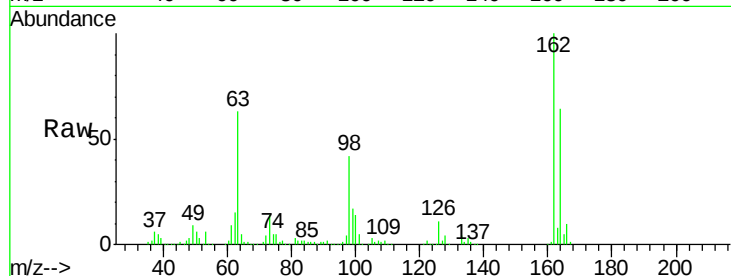
#29
2,4-Dichlorophenol
Concen: 41.38 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	162	Resp:	474637
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.8	84.8
98	41.7	23.1	63.1

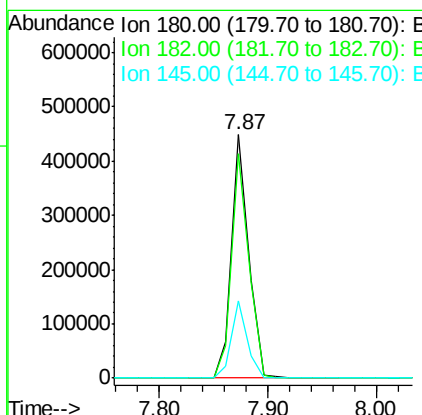
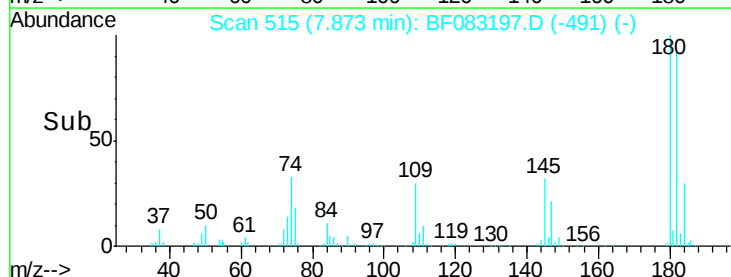
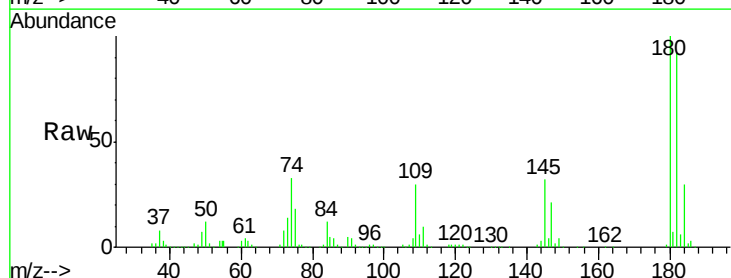
Manual Integrations
APPROVED

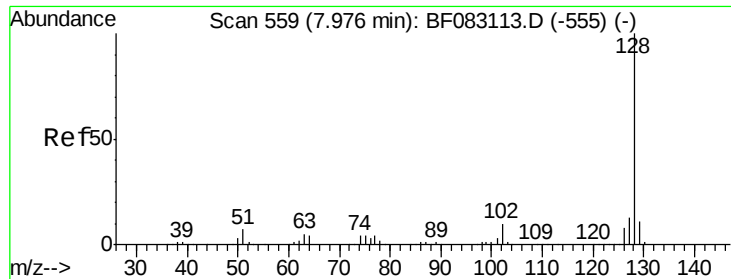
Mmdadoda
11/24/2015 1:19:53 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.42 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion:	180	Resp:	484122
Ion Ratio	Lower	Upper	
180	100		
182	92.3	79.0	118.6
145	31.5	24.2	36.2





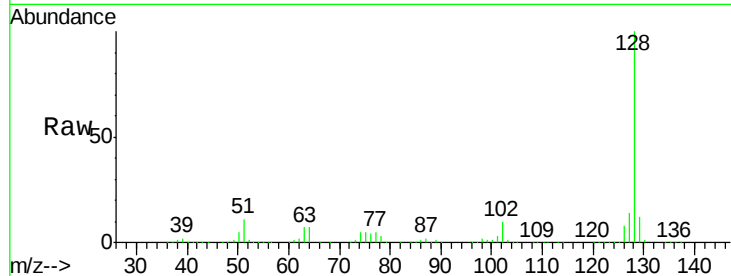
#31
Naphthalene
Concen: 39.65 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

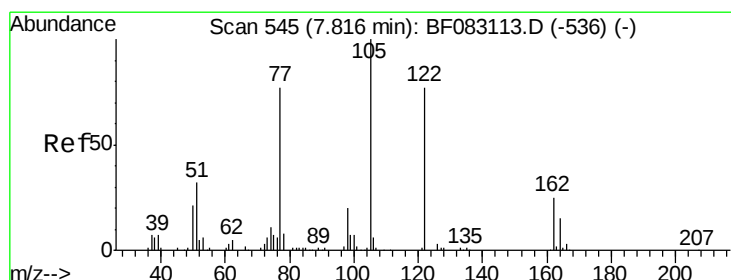
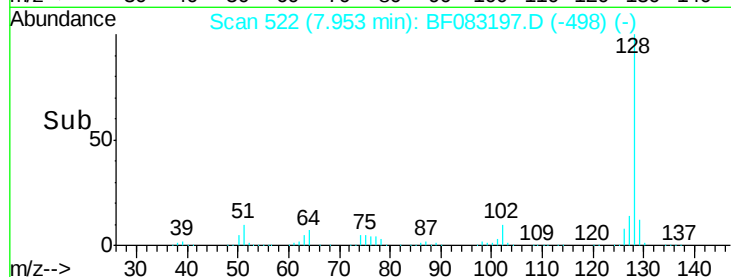
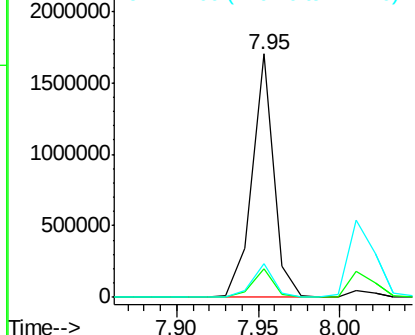
Tgt Ion:128 Resp: 1566461
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.9 10.6 15.8

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM

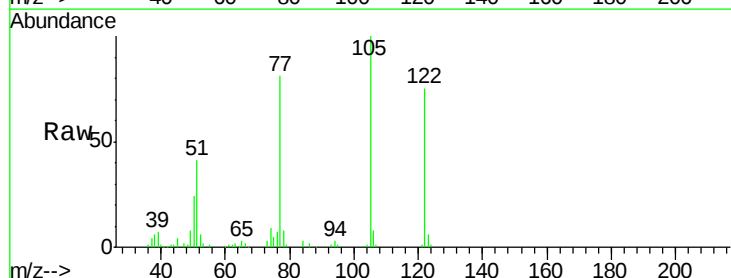


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

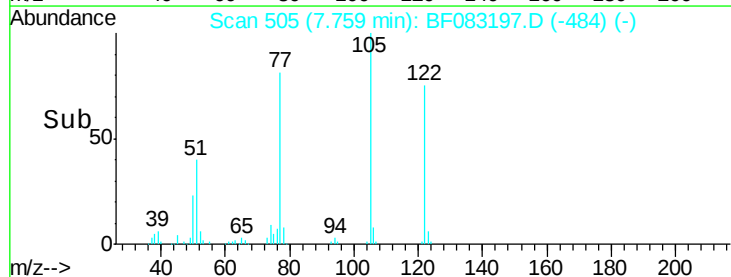
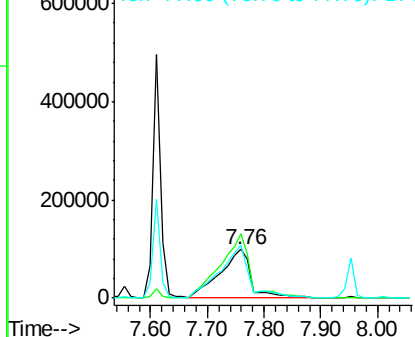


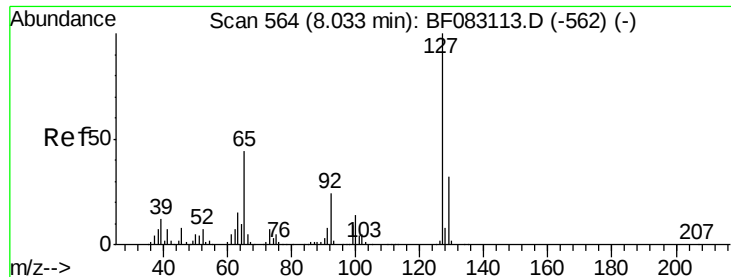
#32
Benzoic acid
Concen: 39.95 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion:122 Resp: 374529
Ion Ratio Lower Upper
122 100
105 133.4 109.7 149.7
77 108.5 79.7 119.7



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





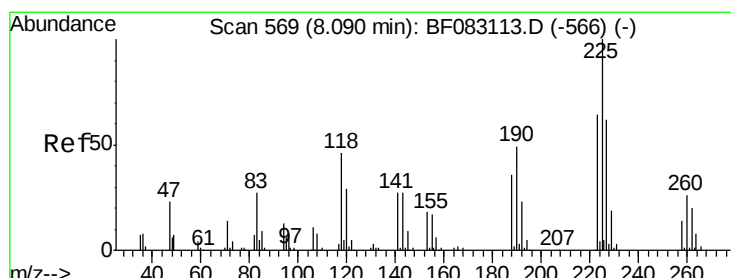
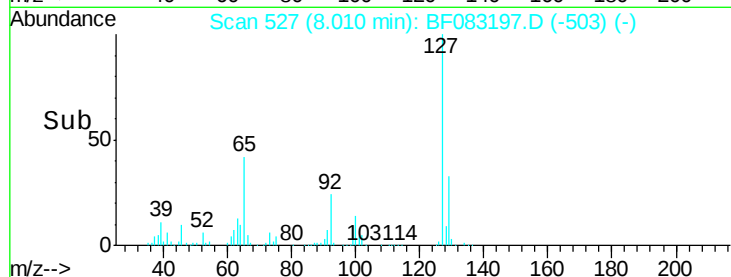
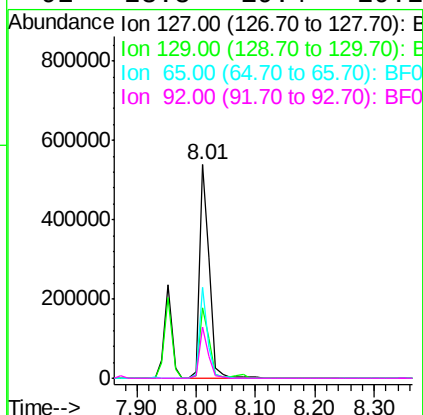
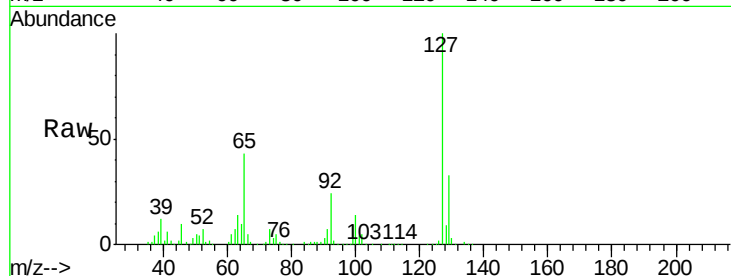
#33
4-Chloroaniline
Concen: 41.03 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	628908		
129	33.2	25.7	38.5	
65	42.8	35.5	53.3	
92	23.8	19.4	29.2	

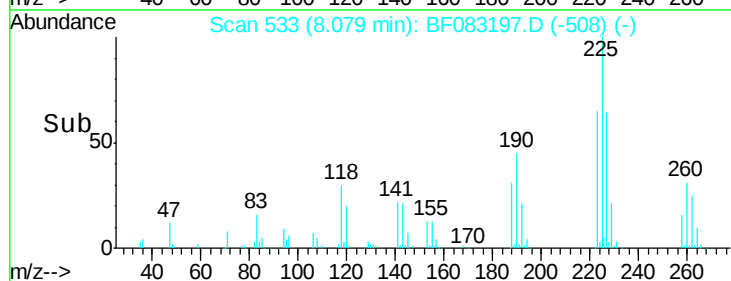
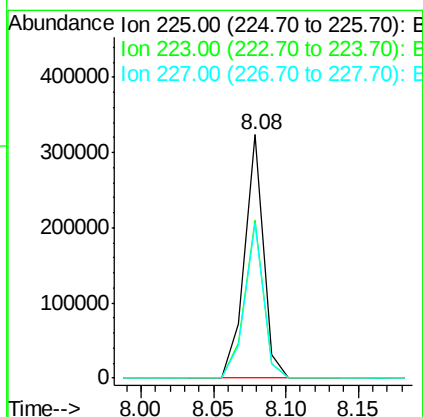
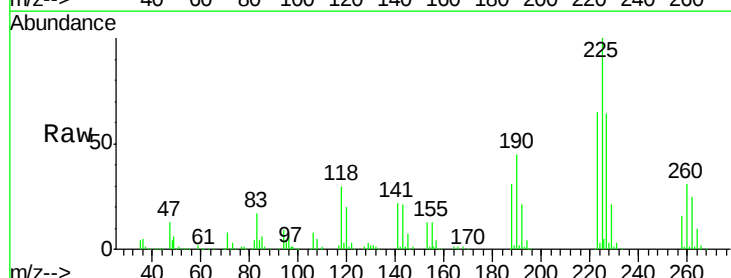
Manual Integrations
APPROVED

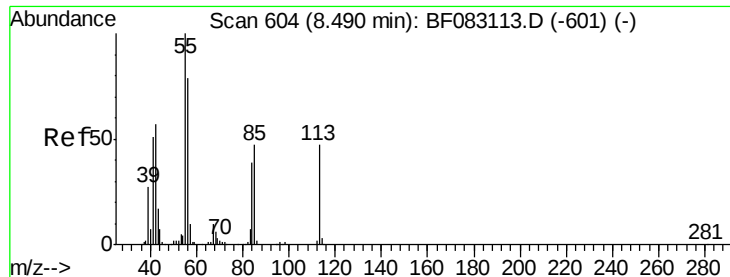
Mmdadoda
11/24/2015 1:19:53 PM



#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	295188		
223	64.6	51.3	76.9	
227	63.8	49.8	74.8	





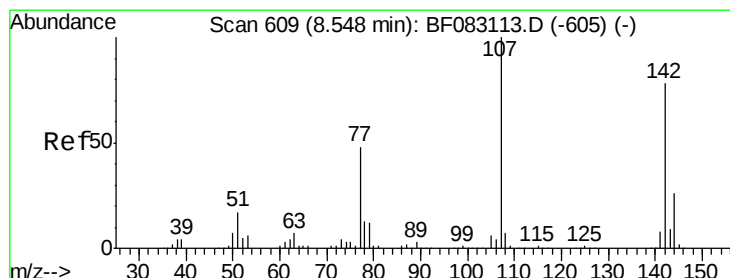
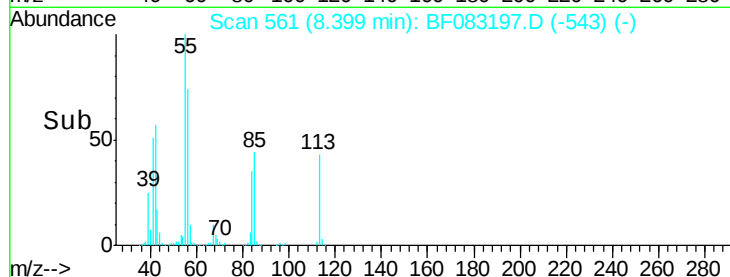
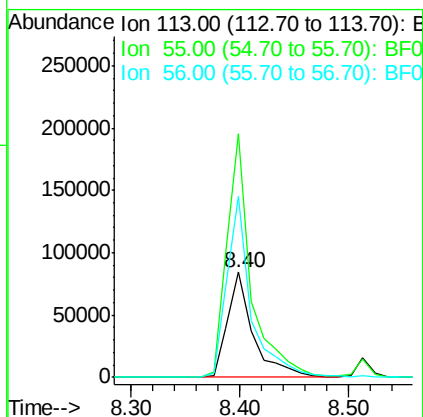
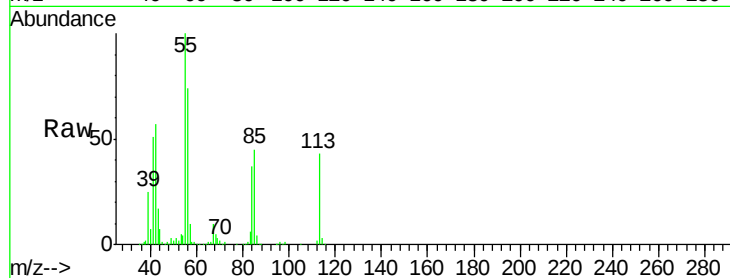
#35
 Caprolactam
 Concen: 37.62 ng
 RT: 8.40 min Scan# 561
 Delta R.T. -0.09 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	231.7	192.6	232.6	
56	172.5	148.6	188.6	

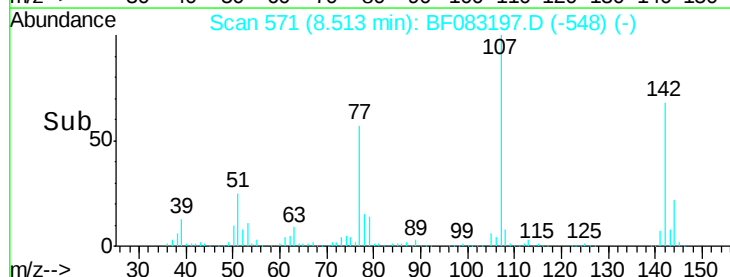
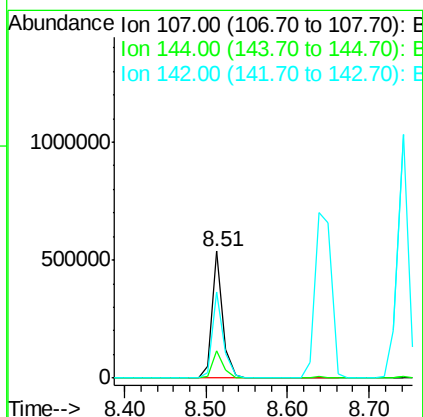
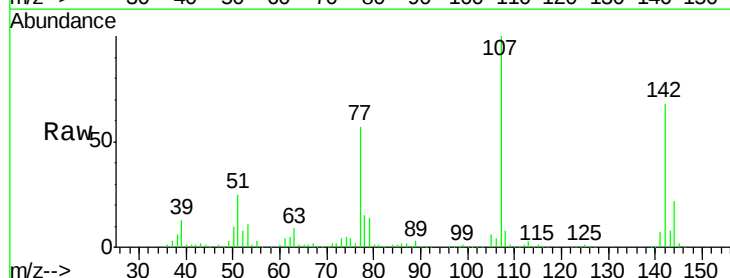
Manual Integrations
 APPROVED

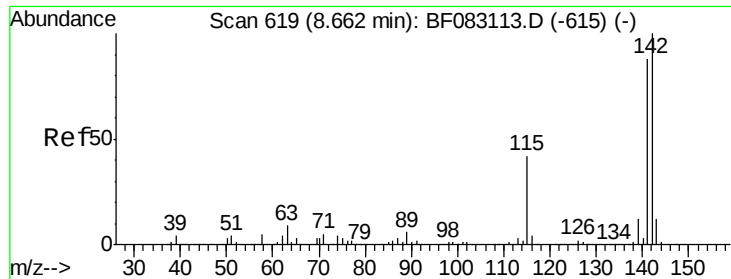
Mmdadoda
 11/24/2015 1:19:53 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.79 ng
 RT: 8.51 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.7	20.8	31.2	
142	67.8	62.1	93.1	





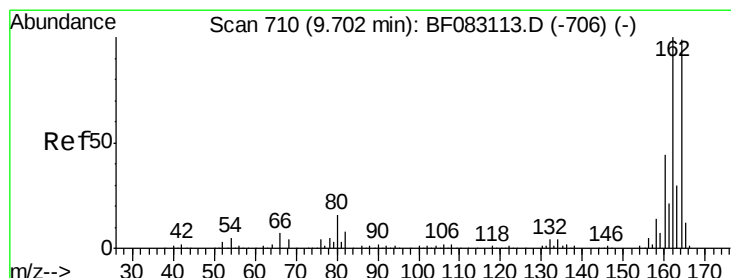
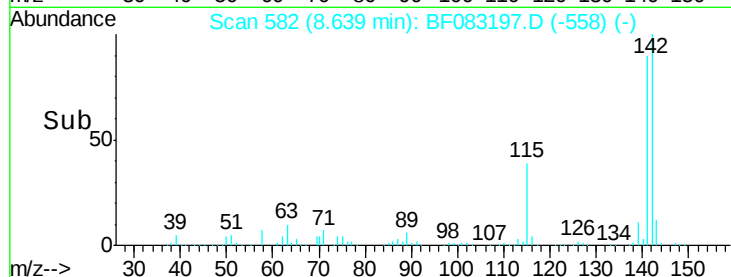
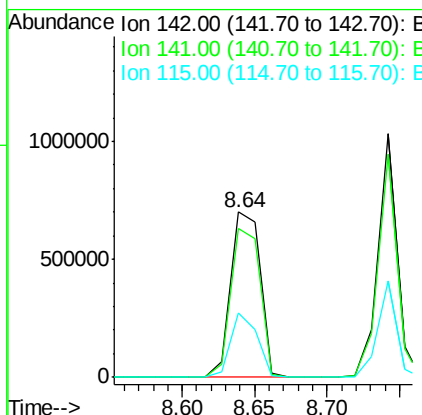
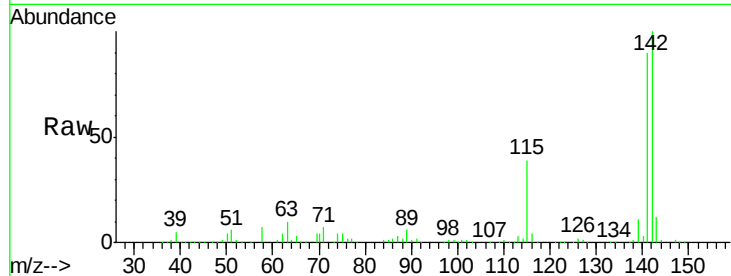
#37
2-Methylnaphthalene
Concen: 38.70 ng
RT: 8.64 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	992421		
141	90.0	70.3	105.5	
115	39.3	33.4	50.2	

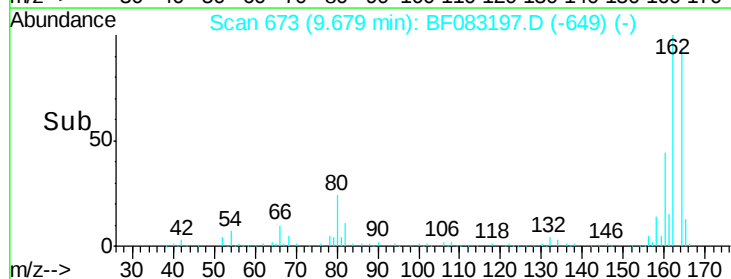
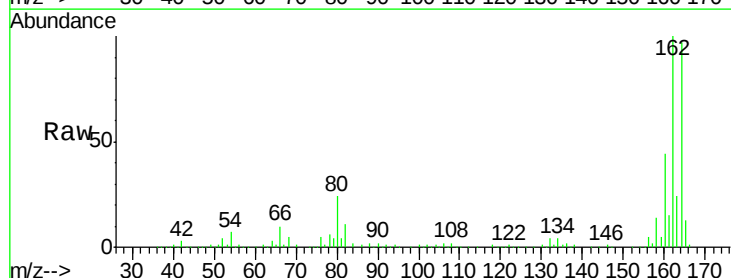
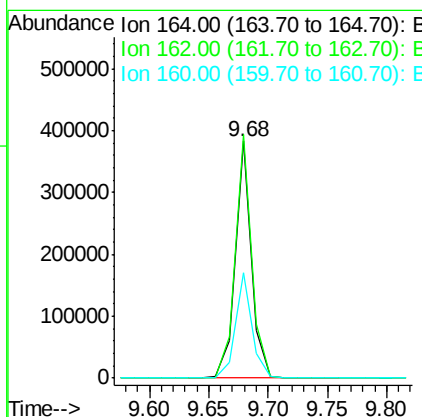
Manual Integrations
APPROVED

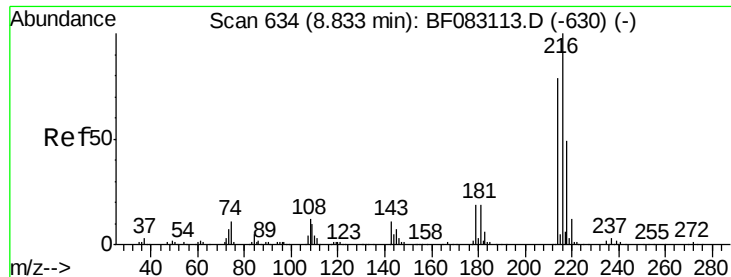
Mmdadoda
11/24/2015 1:19:53 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	361424		
162	102.7	81.2	121.8	
160	44.7	35.6	53.4	





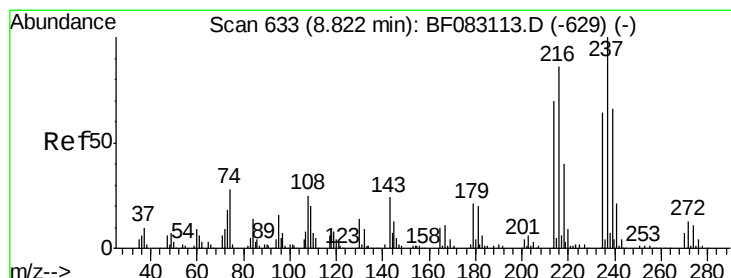
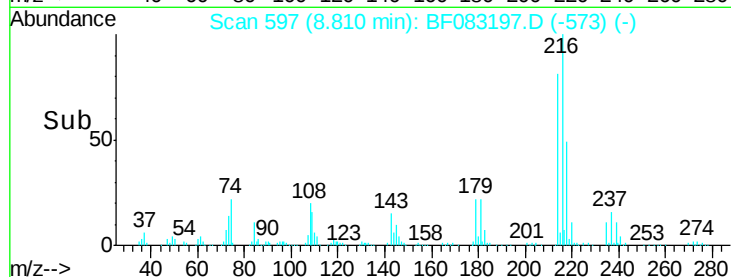
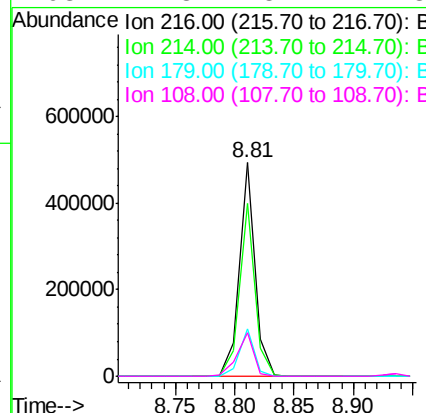
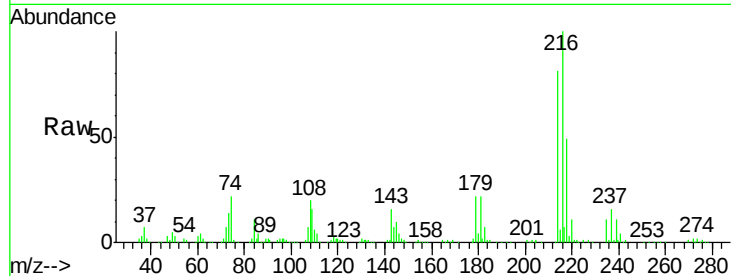
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.75 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

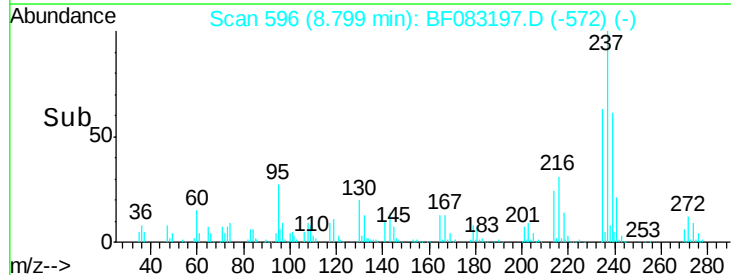
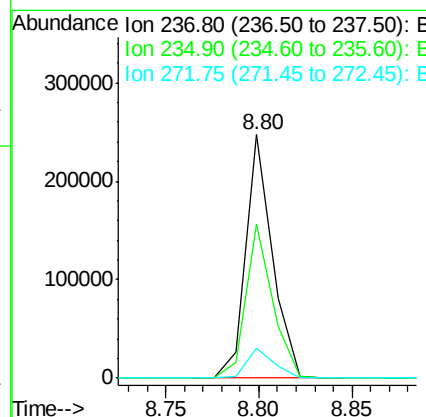
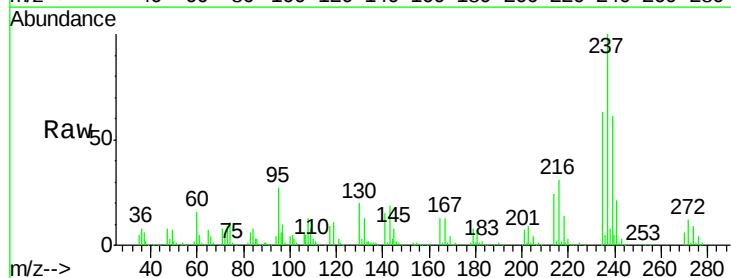
Mmdadoda
11/24/2015 1:19:53 PM

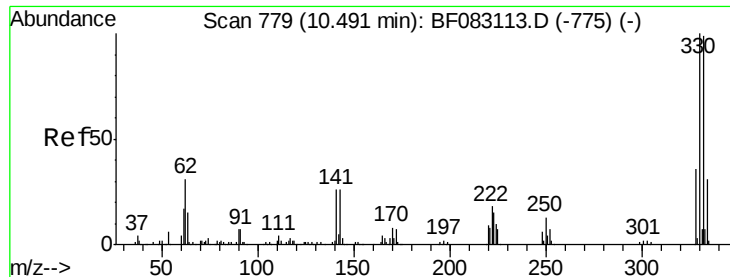
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	453899		
214	80.1	63.8	95.8	
179	21.6	17.0	25.6	
108	21.8	15.2	22.8	



#40
Hexachlorocyclopentadiene
Concen: 36.67 ng
RT: 8.80 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	244243		
235	63.3	43.5	83.5	
272	12.1	0.0	33.1	





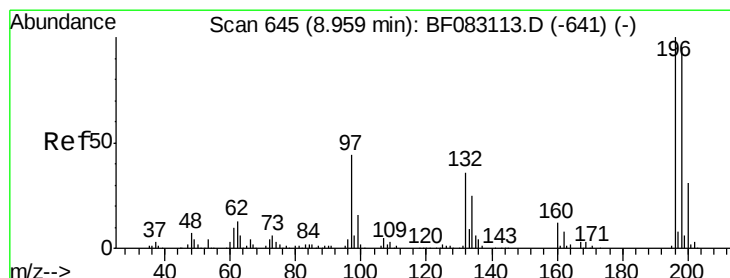
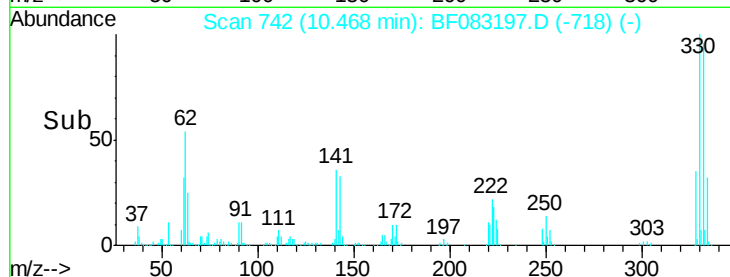
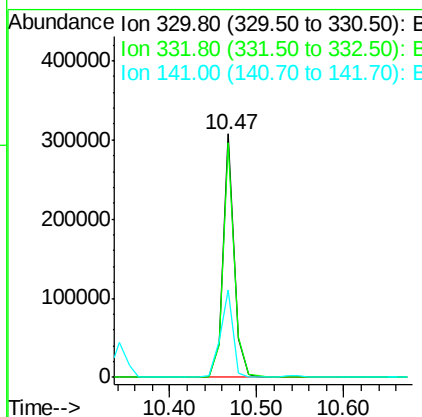
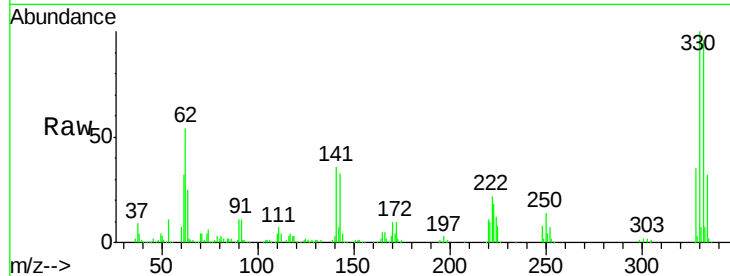
#41
 2,4,6-Tribromophenol
 Concen: 75.79 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	280252		
332	96.9	77.7	116.5	
141	40.3	29.7	44.5	

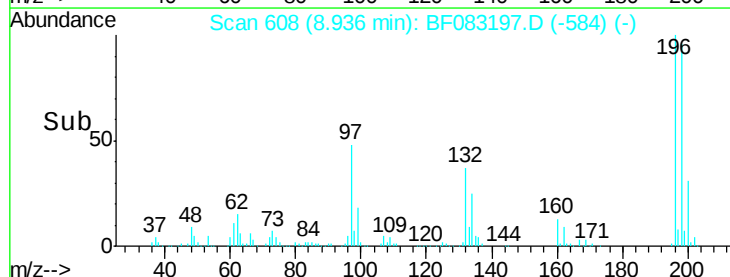
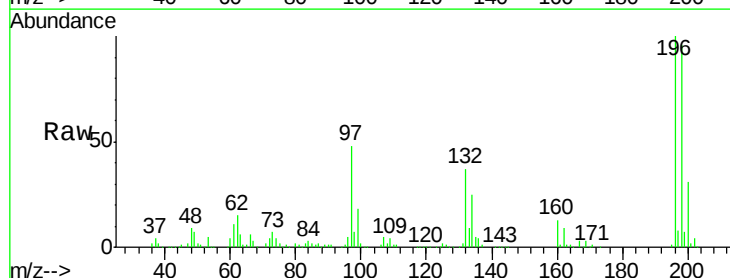
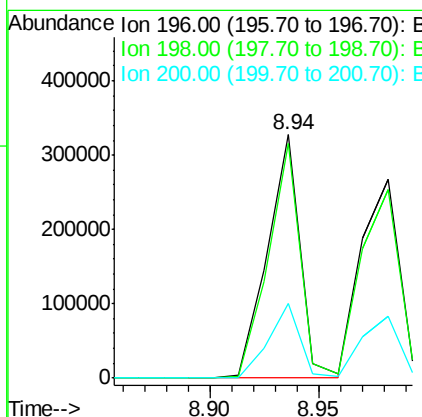
Manual Integrations
 APPROVED

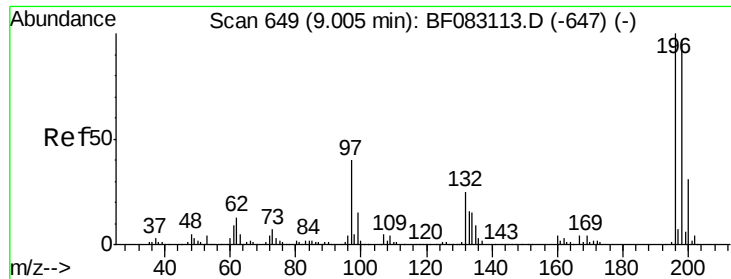
Mmdadoda
 11/24/2015 1:19:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.10 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

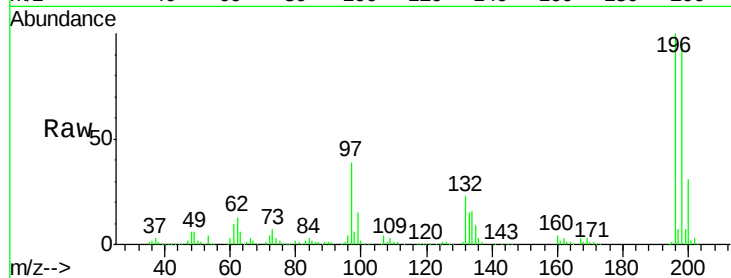
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	344839		
198	96.2	75.9	113.9	
200	30.9	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 39.09 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

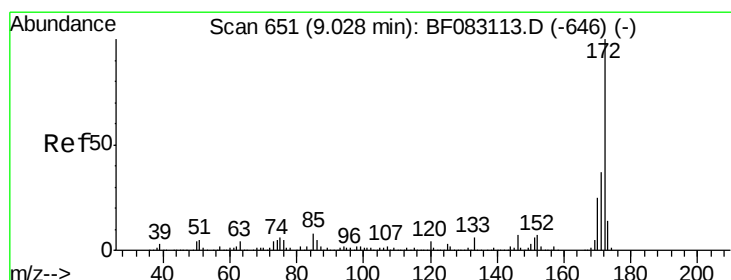
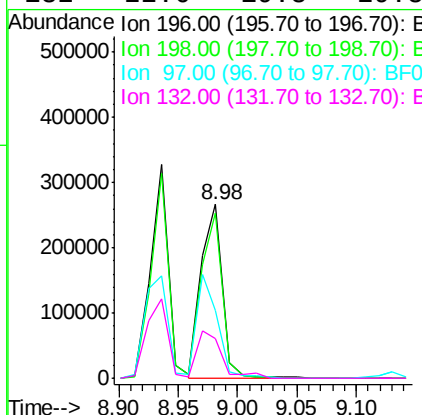
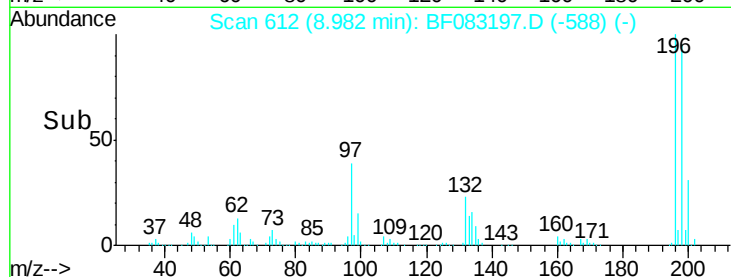
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



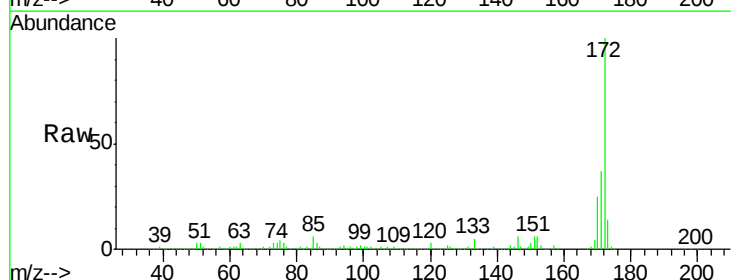
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335338		
198	94.8	77.6	116.4	
97	39.1	32.6	48.8	
132	22.6	19.8	29.8	

Manual Integrations
 APPROVED

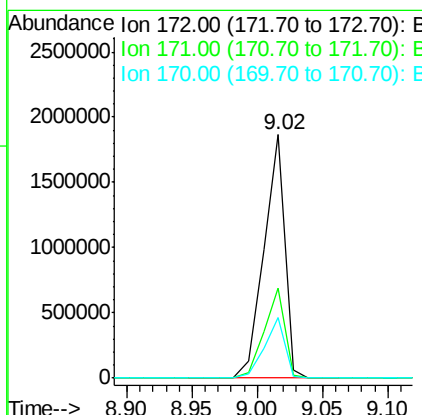
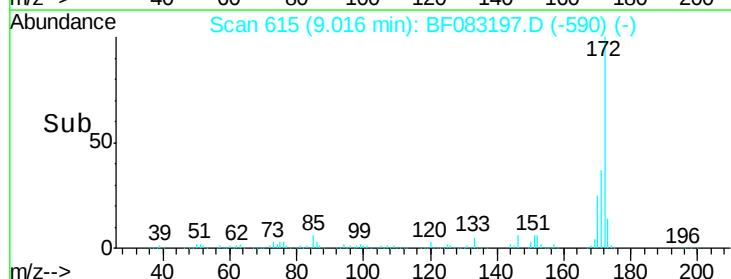
Mmdadoda
 11/24/2015 1:19:53 PM

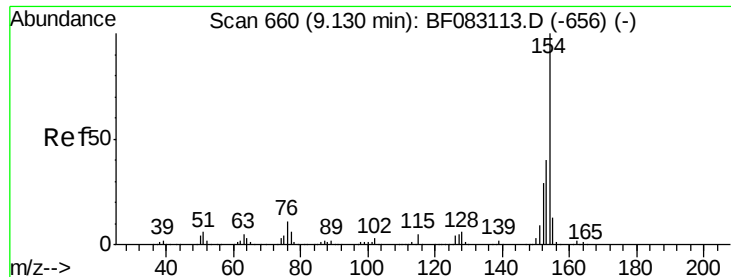


#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2095704		
171	36.8	29.5	44.3	
170	24.8	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 38.02 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1169601

Ion Ratio Lower Upper

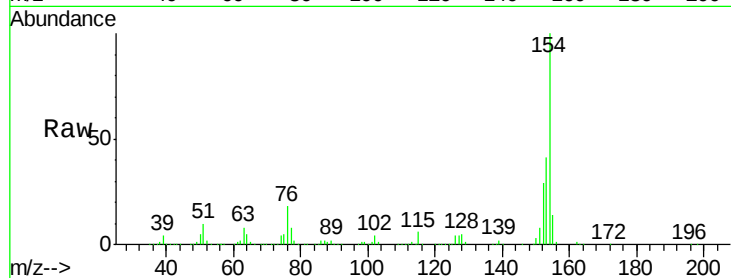
154 100

153 40.8 20.5 60.5

76 17.6 0.0 31.2

Manual Integrations
APPROVED

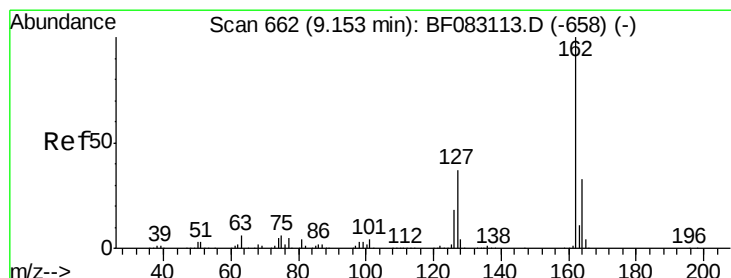
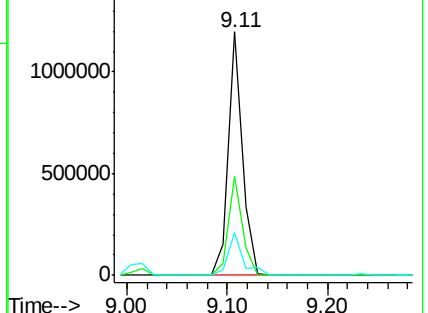
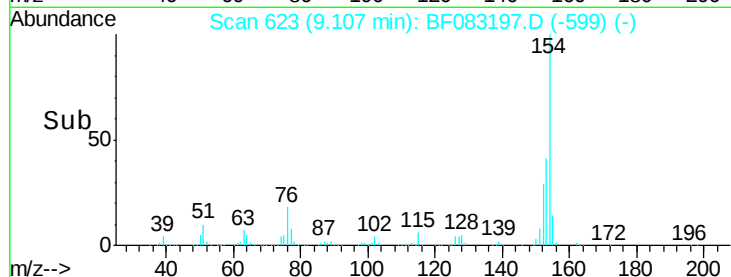
Mmdadoda
11/24/2015 1:19:53 PM



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): BFO



#46

2-Chloronaphthalene

Concen: 40.15 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

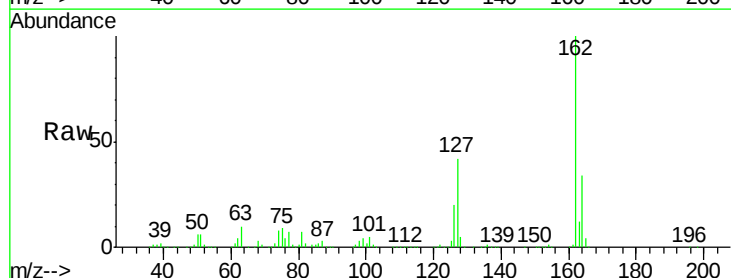
Tgt Ion:162 Resp: 969984

Ion Ratio Lower Upper

162 100

127 41.5 29.4 44.2

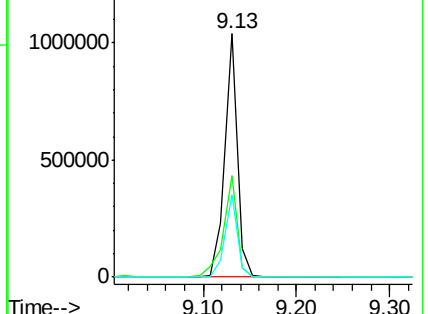
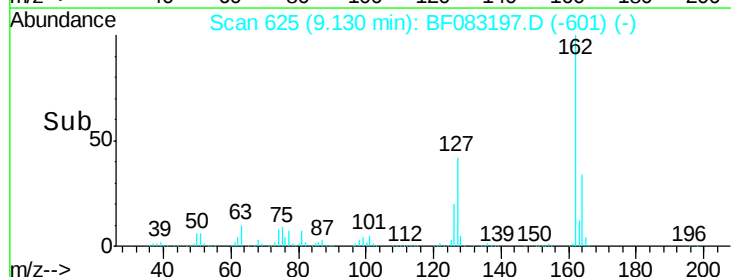
164 33.6 26.2 39.4

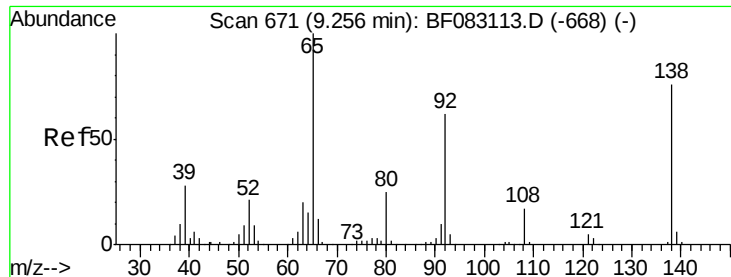


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





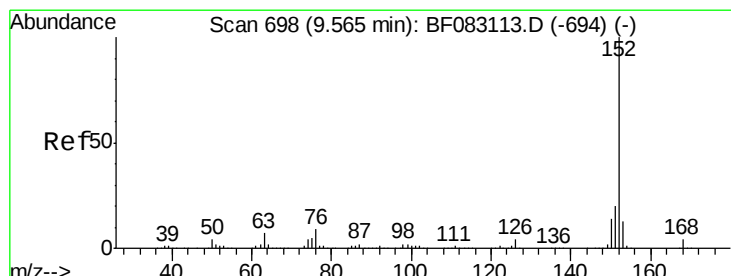
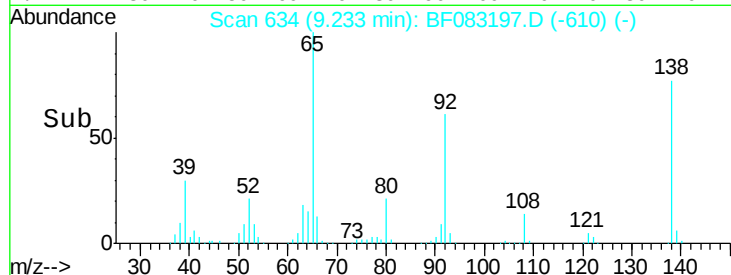
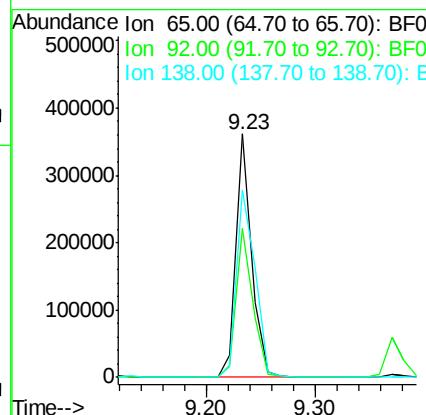
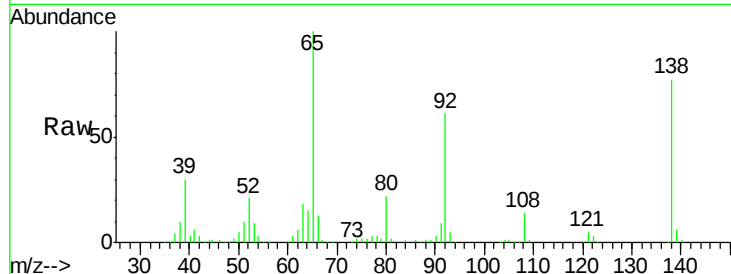
#47
 2-Nitroaniline
 Concen: 41.79 ng
 RT: 9.23 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	65	Resp:	357185
Ion Ratio	Lower	Upper	
65	100		
92	61.1	49.5	74.3
138	76.8	60.7	91.1

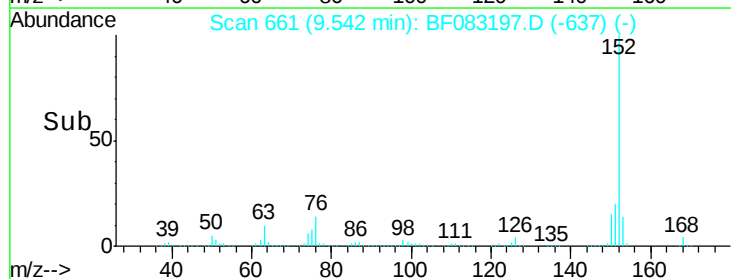
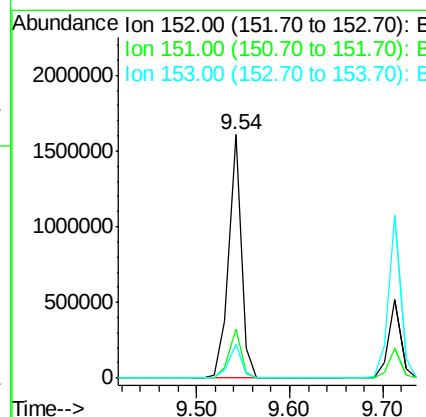
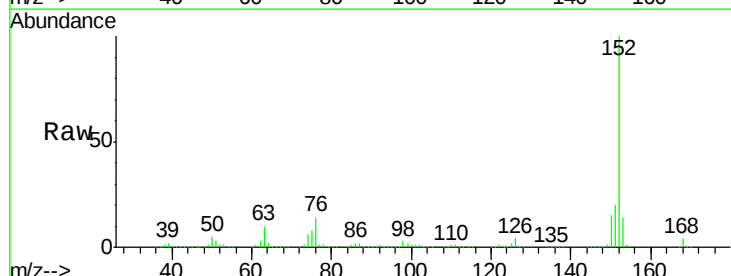
Manual Integrations
 APPROVED

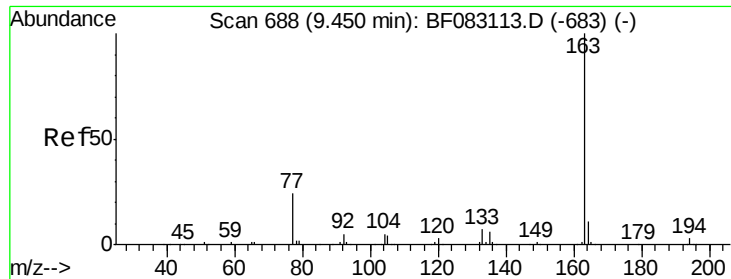
Mmdadoda
 11/24/2015 1:19:53 PM



#48
 Acenaphthylene
 Concen: 40.59 ng
 RT: 9.54 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion:	152	Resp:	1519833
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.7	10.8	16.2





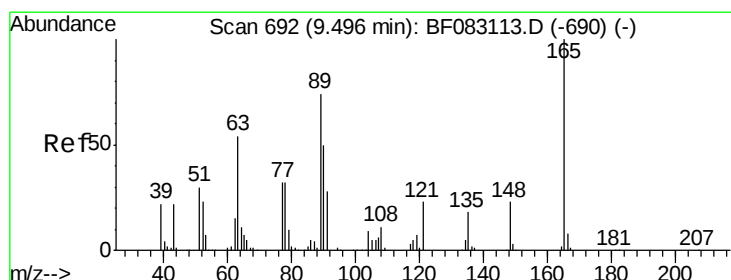
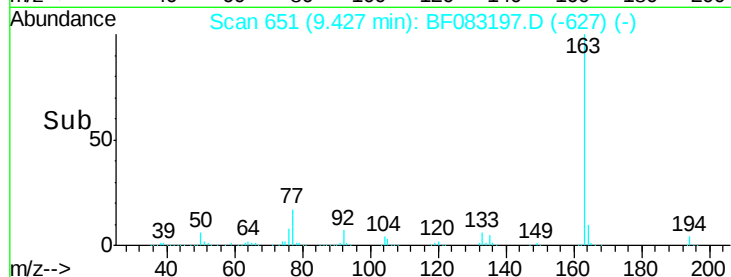
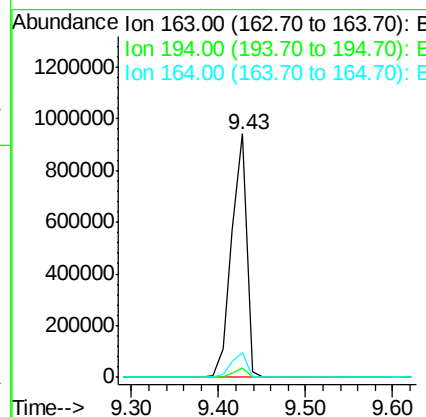
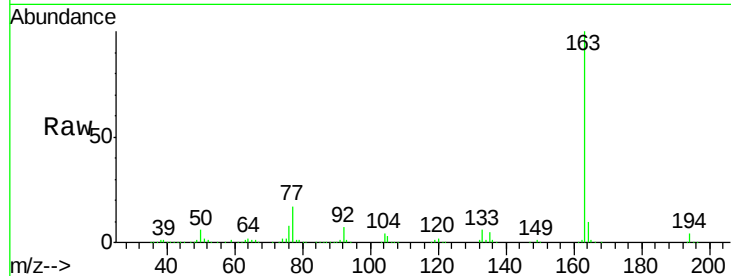
#49
Dimethylphthalate
Concen: 41.03 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1141776
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.3 8.6 12.8

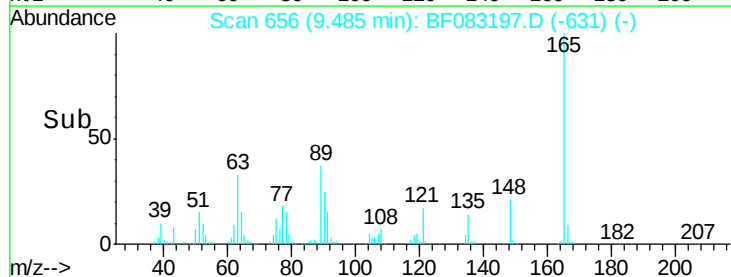
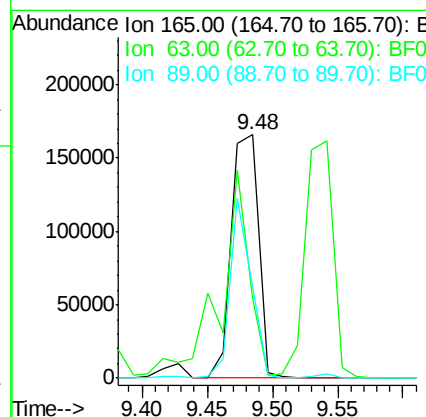
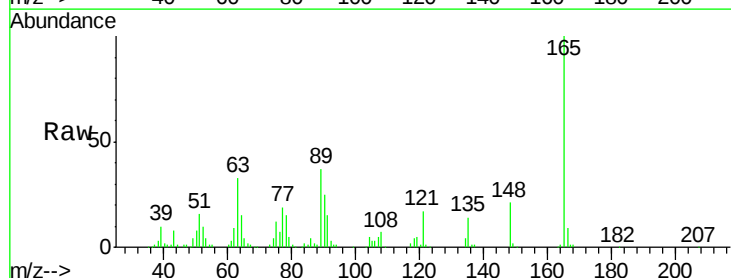
Manual Integrations
APPROVED

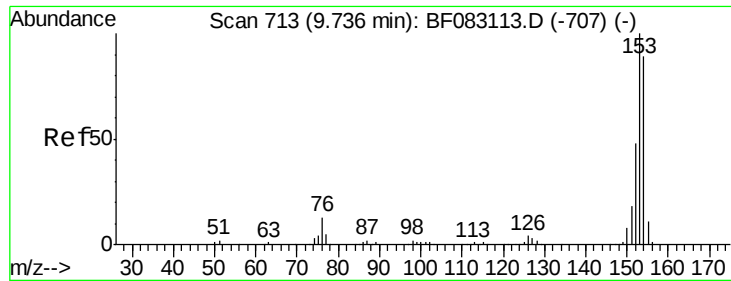
Mmdadoda
11/24/2015 1:19:53 PM



#50
2,6-Dinitrotoluene
Concen: 38.42 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion:165 Resp: 239893
Ion Ratio Lower Upper
165 100
63 32.5 62.5 93.7#
89 37.4 59.1 88.7#





#51

Acenaphthene

Concen: 42.42 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083197.D

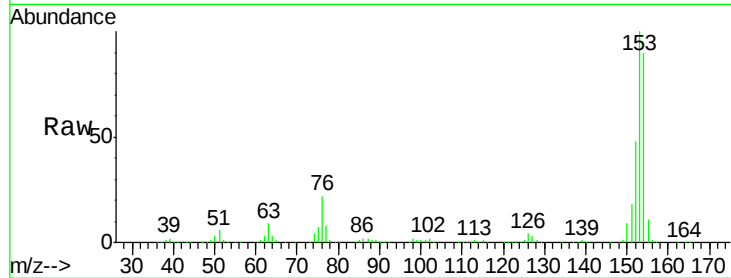
Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

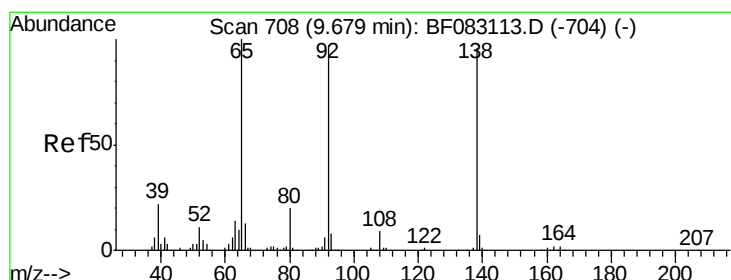
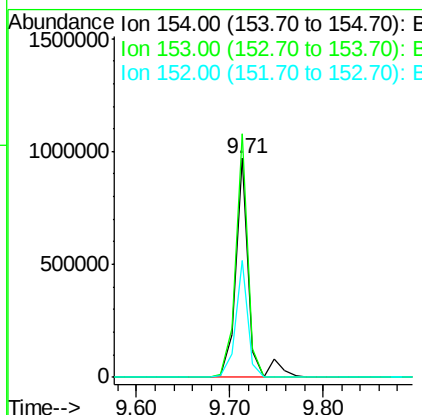
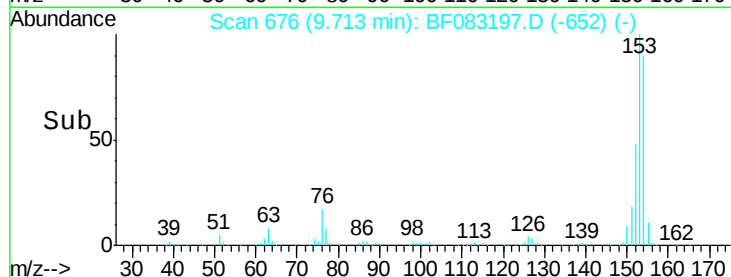
SSTDCCC040



Tgt Ion:	154	Resp:	966566
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.6	134.4
152	53.6	43.3	64.9

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#52

3-Nitroaniline

Concen: 41.89 ng

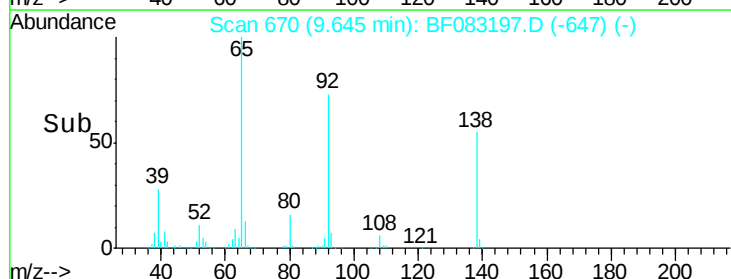
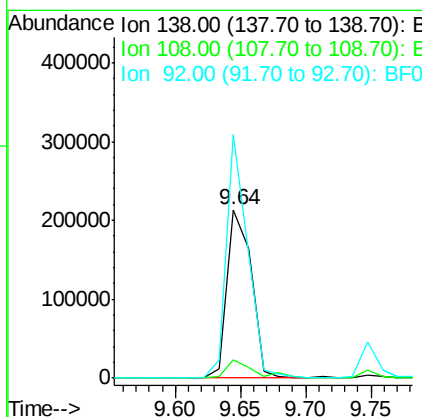
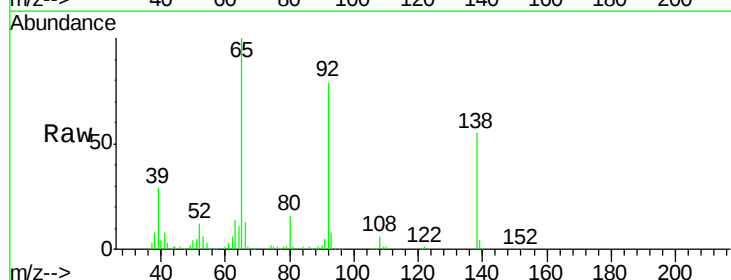
RT: 9.64 min Scan# 670

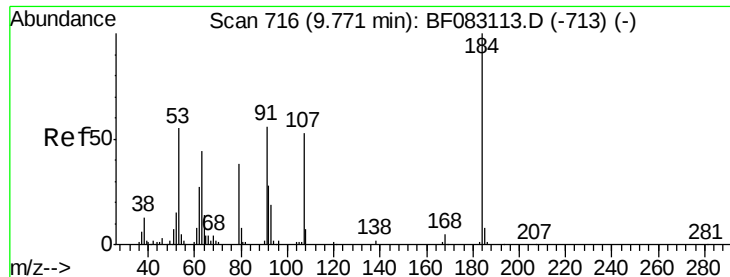
Delta R.T. -0.03 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	138	Resp:	278812
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	144.3	81.1	121.7#





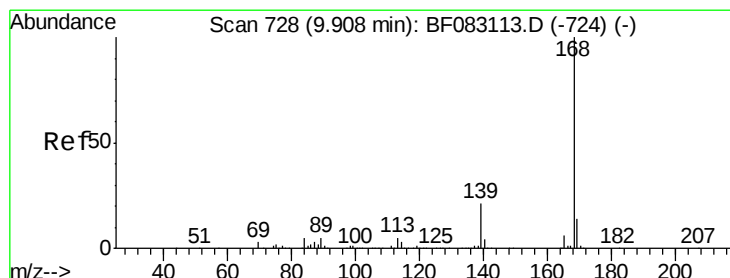
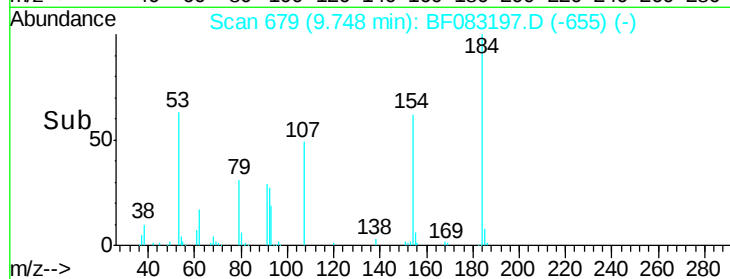
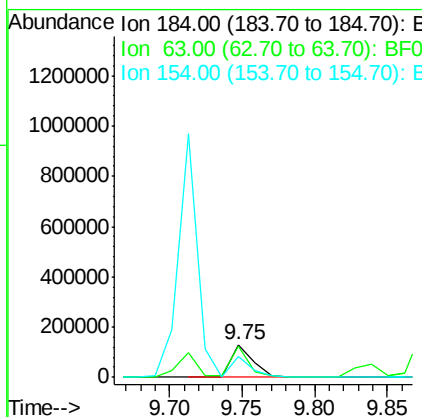
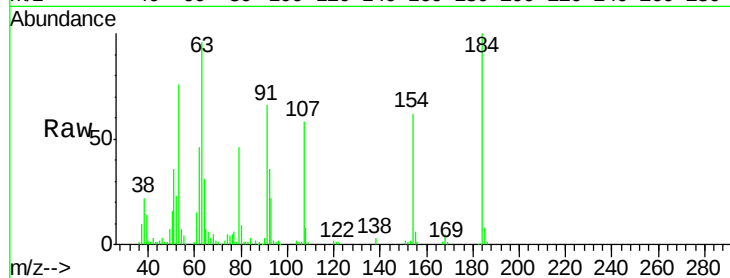
#53
2,4-Dinitrophenol
Concen: 39.19 ng
RT: 9.75 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	140953		
63	95.7	60.5	90.7#	
154	62.1	54.3	81.5	

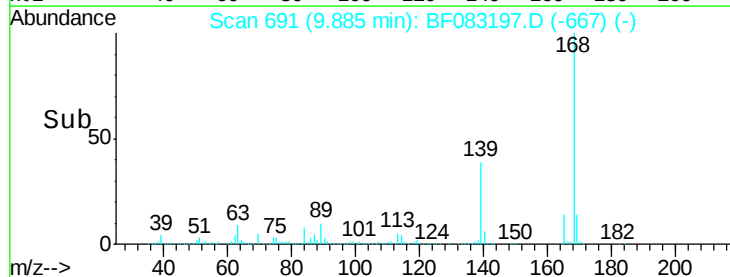
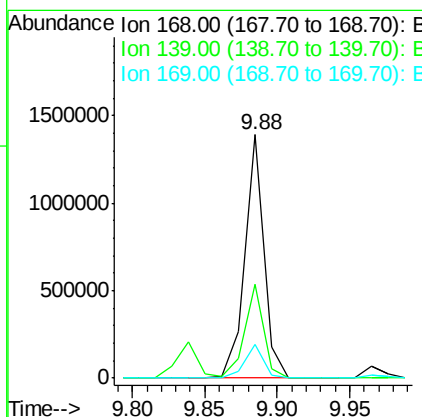
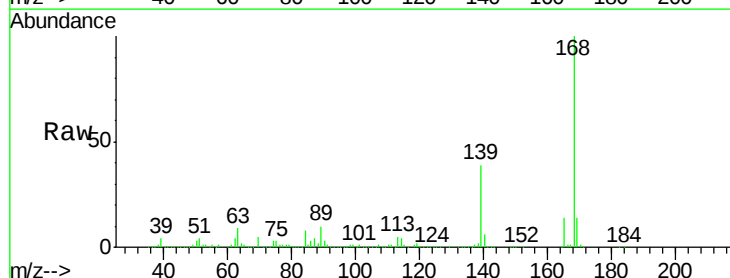
Manual Integrations
APPROVED

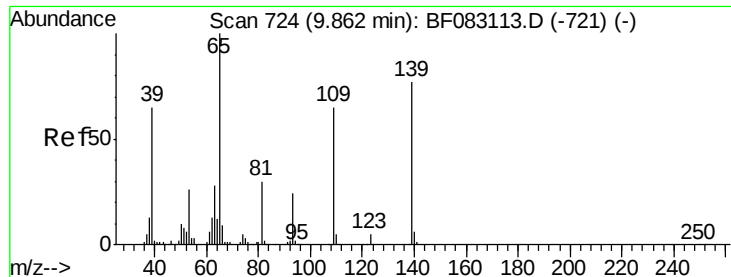
Mmdadoda
11/24/2015 1:19:53 PM



#54
Dibenzofuran
Concen: 39.24 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1264599		
139	38.6	30.2	45.2	
169	14.0	10.9	16.3	





#55

4-Nitrophenol

Concen: 41.65 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

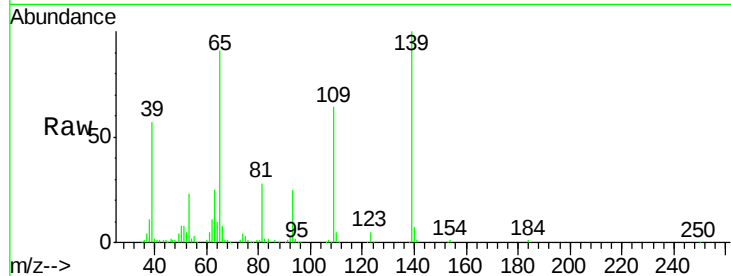
ClientSampleId :

SSTDCCC040

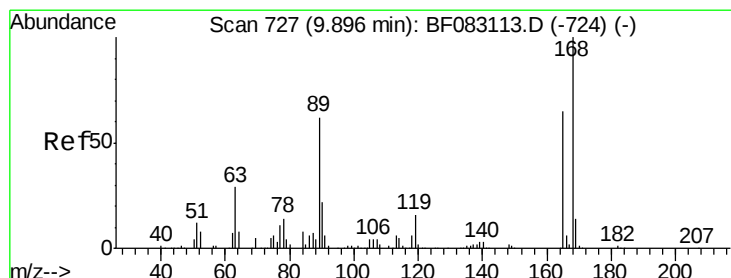
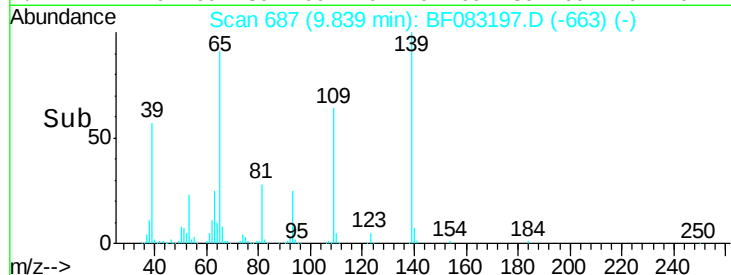
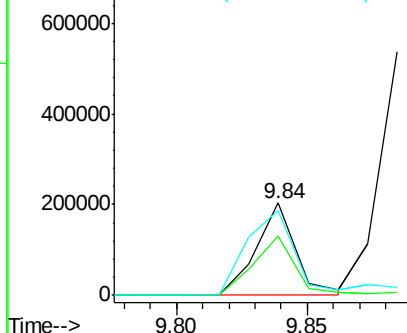
Tgt Ion:	139	Resp:	212604
Ion Ratio	Lower	Upper	
139	100		
109	64.1	64.0	104.0
65	91.2	109.5	149.5#

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



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



#56

2,4-Dinitrotoluene

Concen: 39.19 ng

RT: 9.87 min Scan# 690

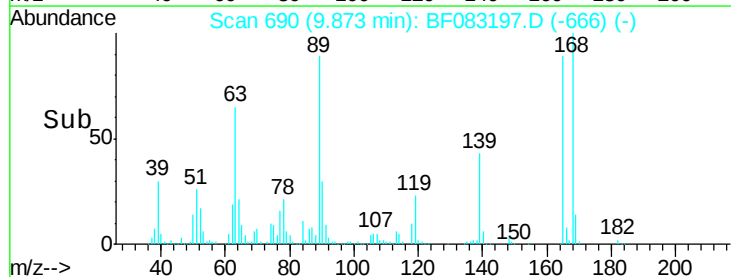
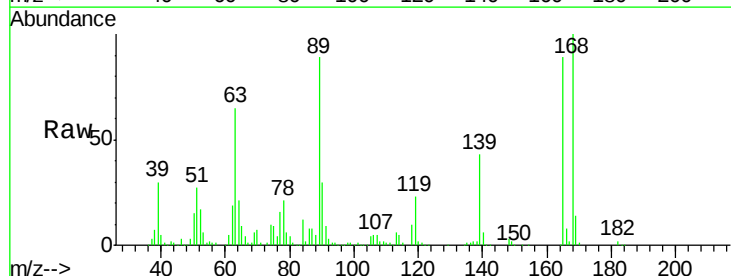
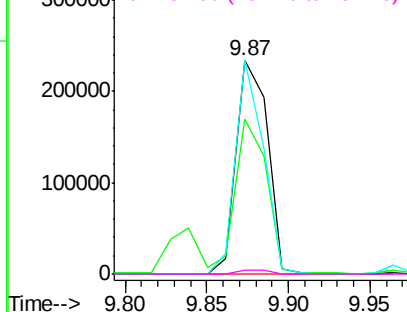
Delta R.T. -0.02 min

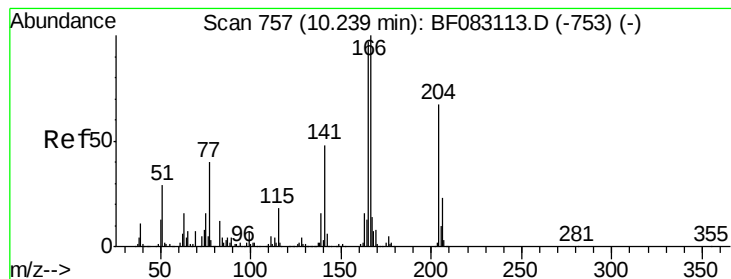
Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	165	Resp:	310044
Ion Ratio	Lower	Upper	
165	100		
63	72.7	54.5	81.7
89	100.1	77.3	115.9
182	2.0	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.46 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

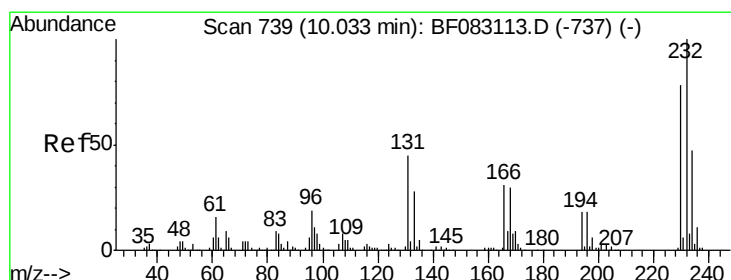
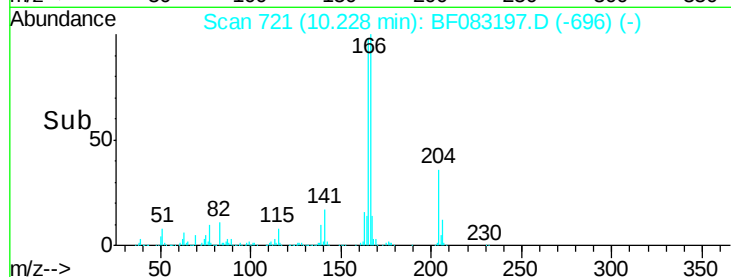
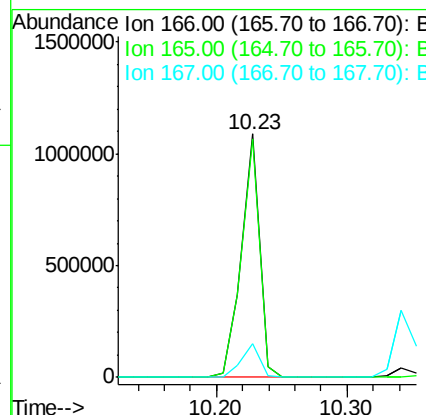
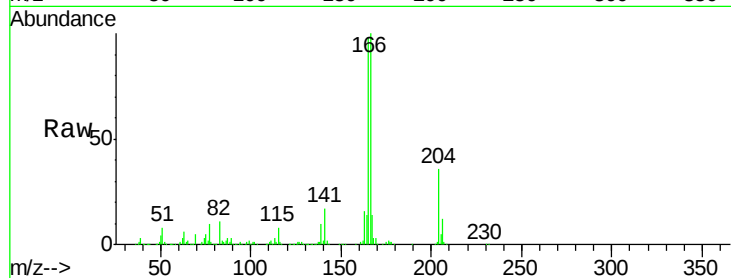
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	1050623
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.0	117.0
167	13.6	11.3	16.9

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.59 ng

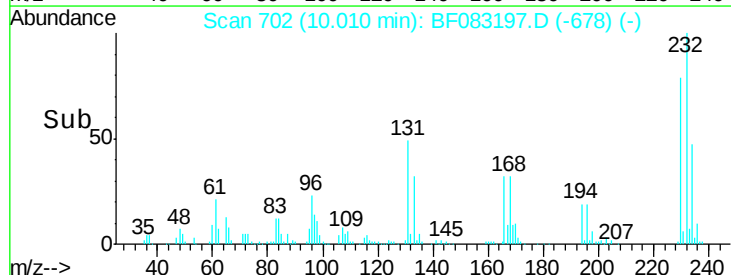
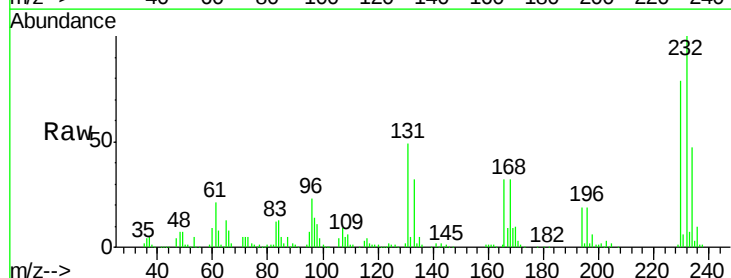
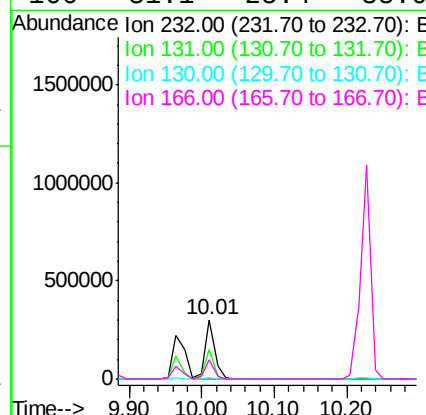
RT: 10.01 min Scan# 702

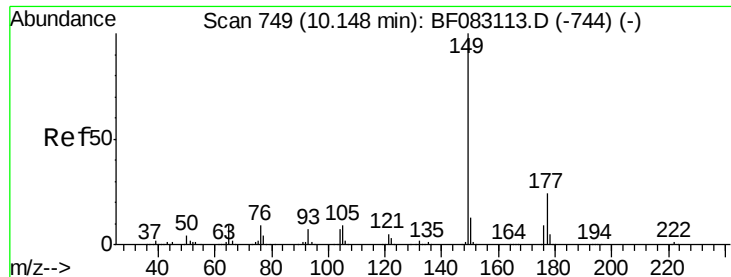
Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	232	Resp:	278615
Ion Ratio	Lower	Upper	
232	100		
131	46.7	38.6	57.8
130	2.1	1.9	2.9
166	31.1	25.4	38.0





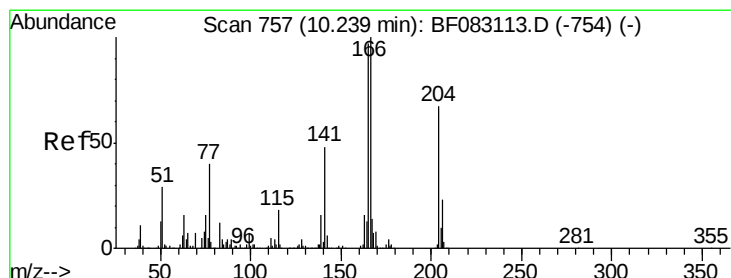
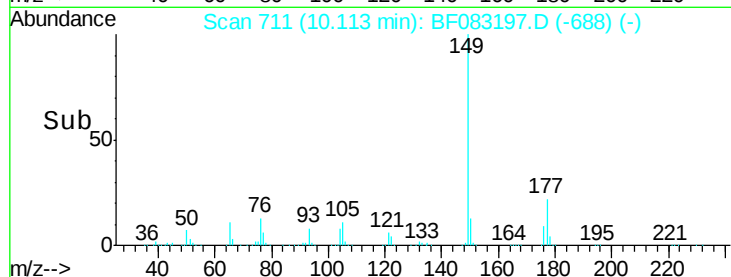
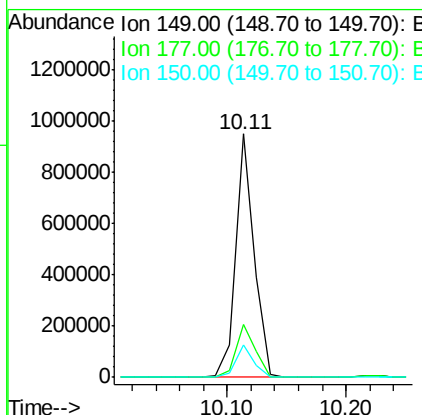
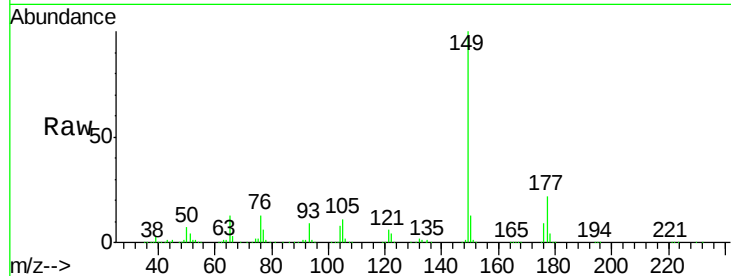
#59
Diethylphthalate
Concen: 36.73 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1017338
Ion Ratio Lower Upper
149 100
177 21.7 19.4 29.2
150 13.1 10.2 15.2

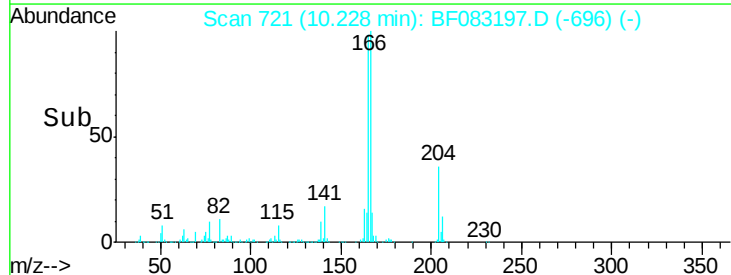
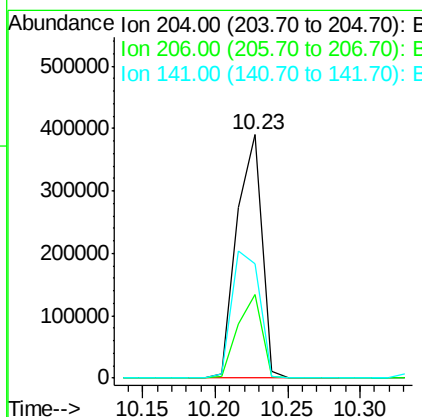
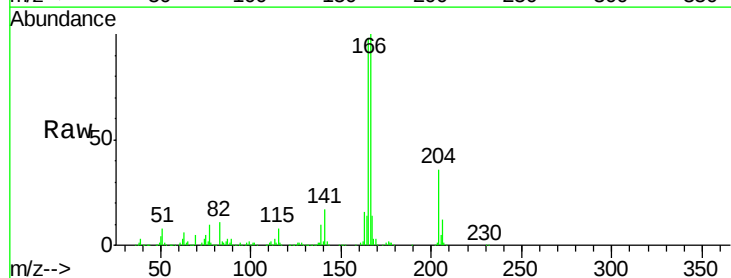
Manual Integrations
APPROVED

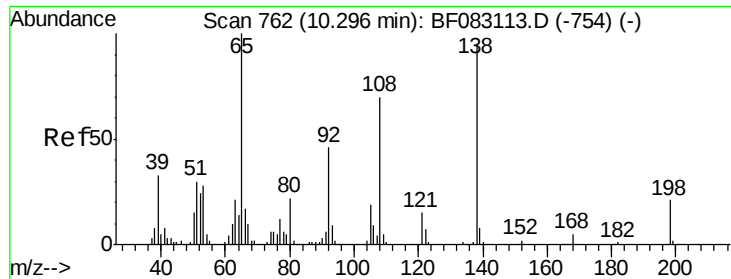
Mmdadoda
11/24/2015 1:19:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.41 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion:204 Resp: 468477
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 46.8 57.4 86.2#





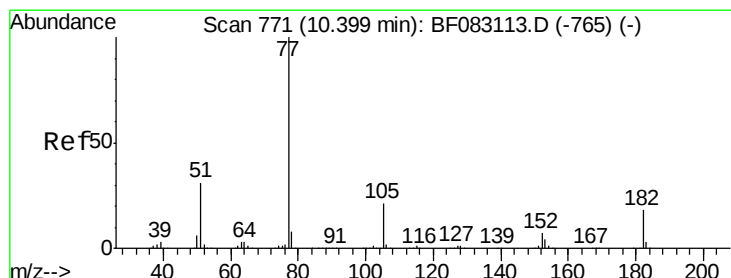
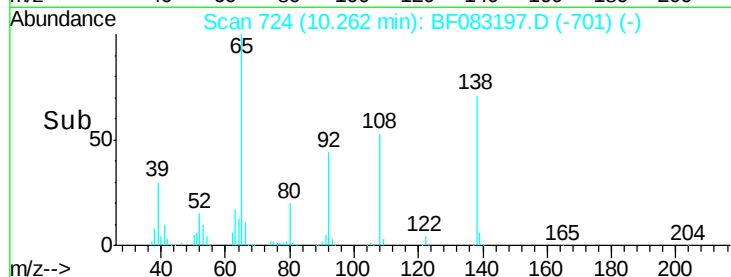
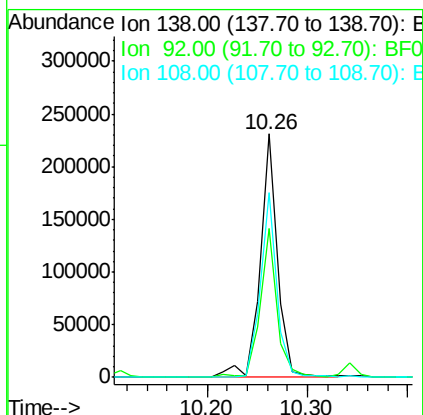
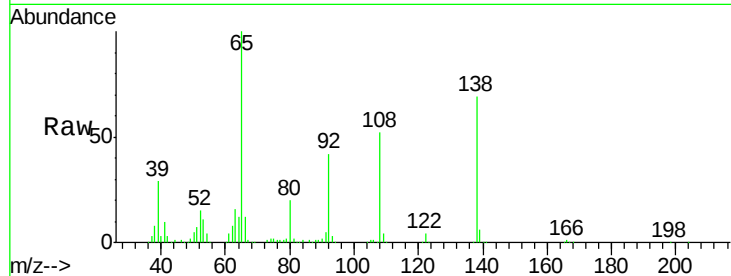
#61
4-Nitroaniline
Concen: 42.28 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.4	28.4	68.4
108	76.1	53.5	93.5

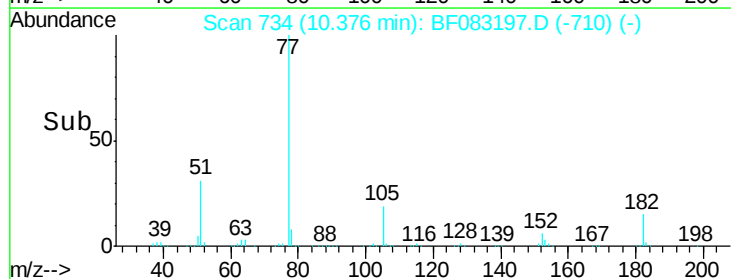
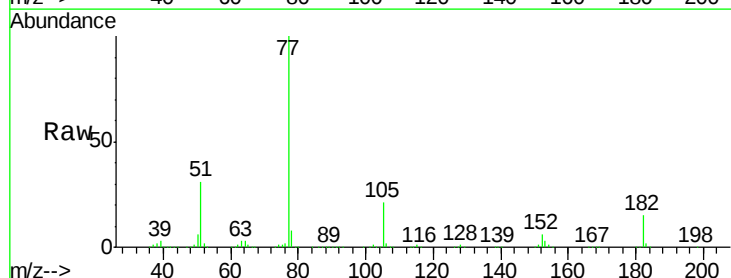
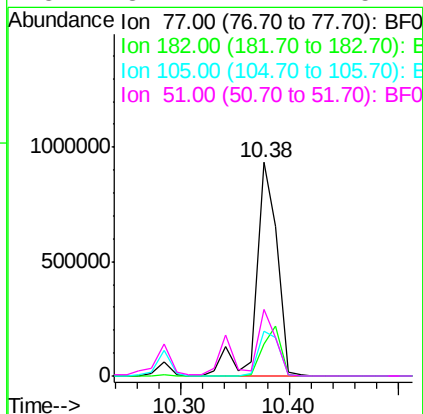
Manual Integrations
APPROVED

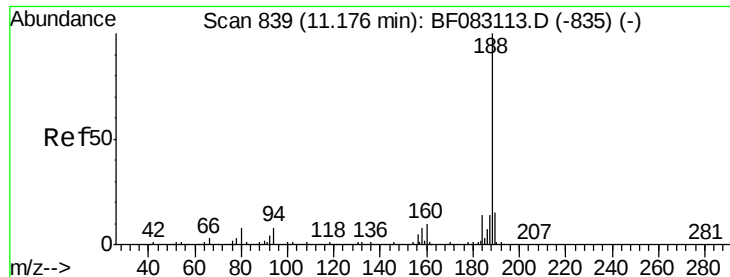
Mmdadoda
11/24/2015 1:19:53 PM



#62
Azobenzene
Concen: 39.96 ng
RT: 10.38 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.1	0.0	38.3
105	21.0	1.2	41.2
51	31.4	11.1	51.1





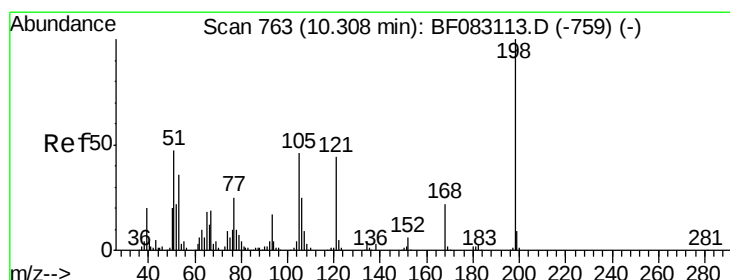
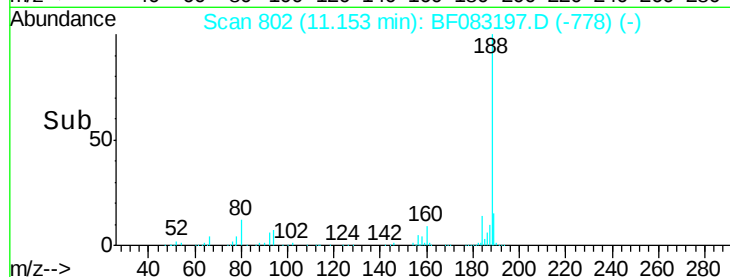
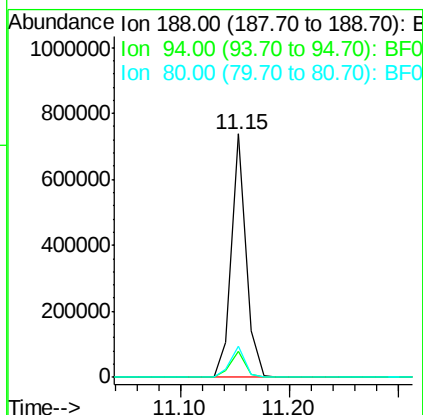
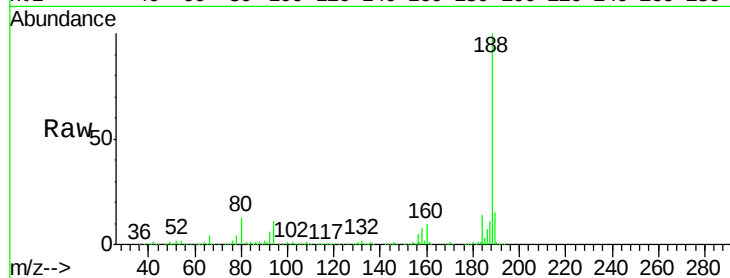
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	6.0	9.0#
80	12.6	6.7	10.1#

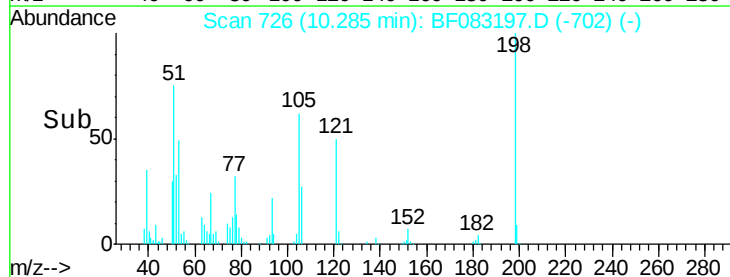
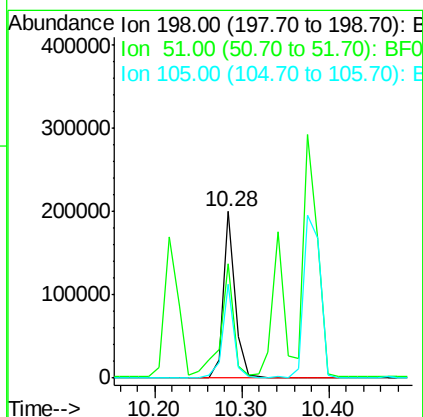
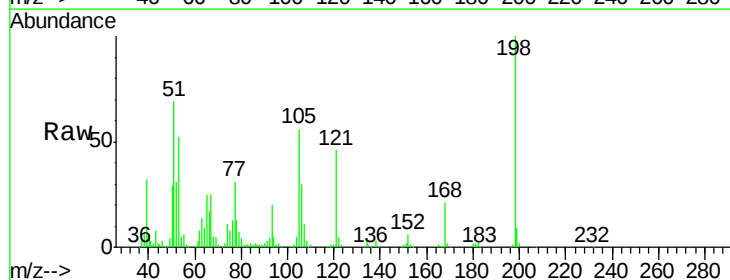
Manual Integrations
APPROVED

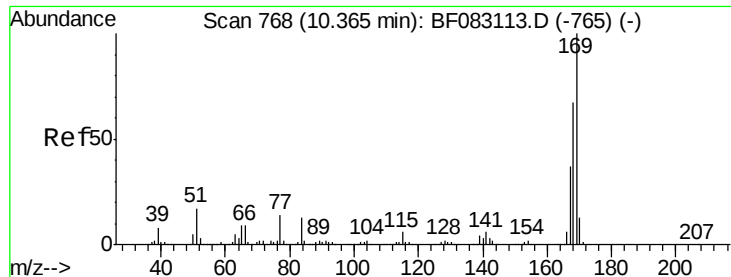
Mmdadoda
11/24/2015 1:19:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.82 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	68.8	27.0	67.0#
105	56.2	26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 37.70 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

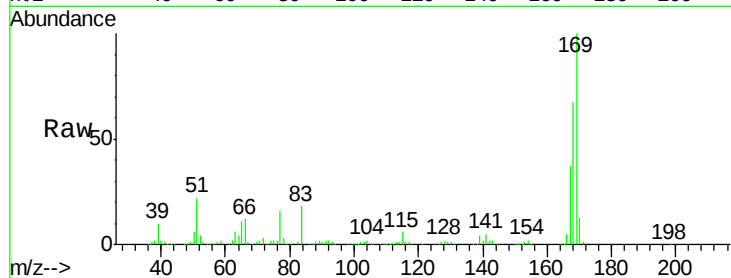
ClientSampleId :

SSTDCCC040

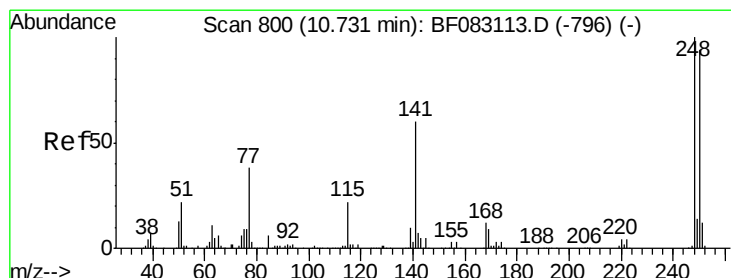
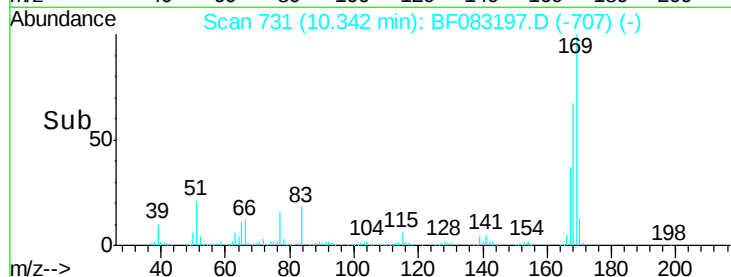
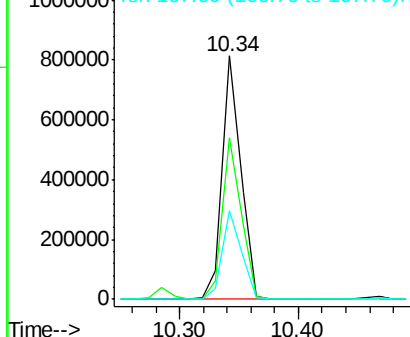
Tgt Ion:	169	Resp:	878293
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.8	80.6
167	36.7	29.8	44.8

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 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: 39.41 ng

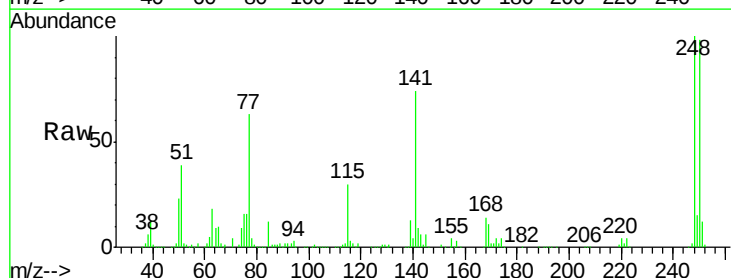
RT: 10.71 min Scan# 763

Delta R.T. -0.02 min

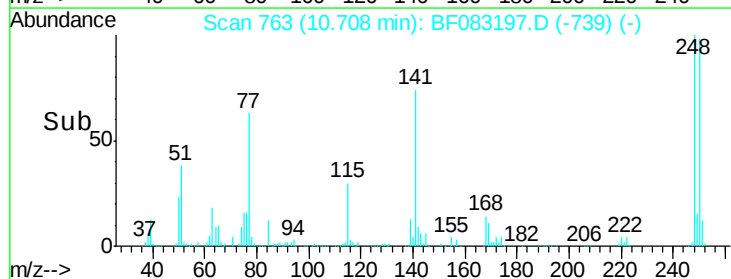
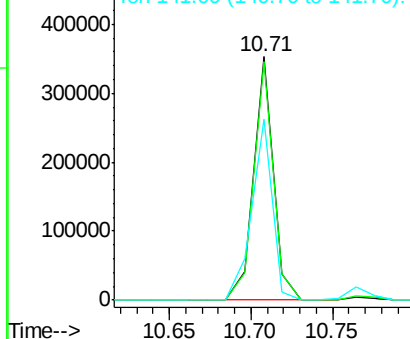
Lab File: BF083197.D

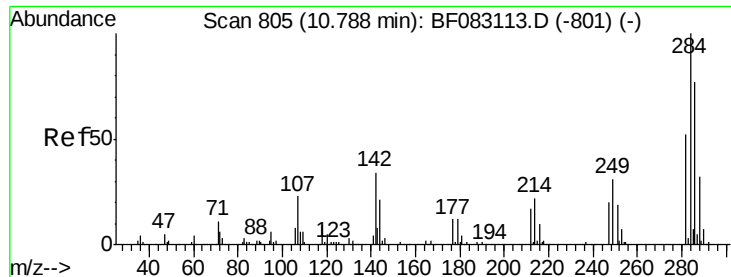
Acq: 23 Nov 2015 11:11

Tgt Ion:	248	Resp:	299482
Ion Ratio	Lower	Upper	
248	100		
250	97.8	75.4	113.2
141	74.1	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





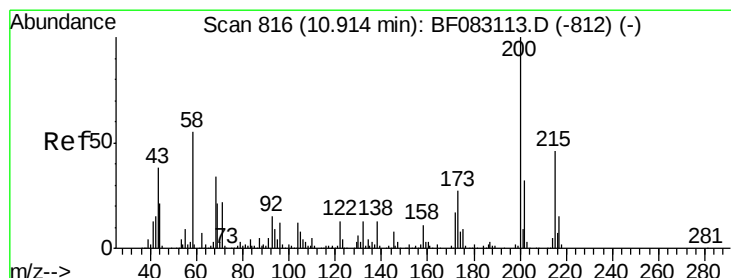
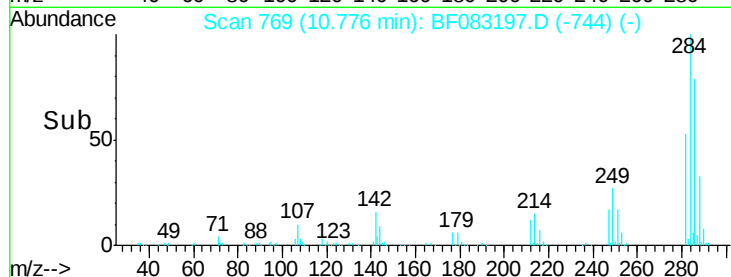
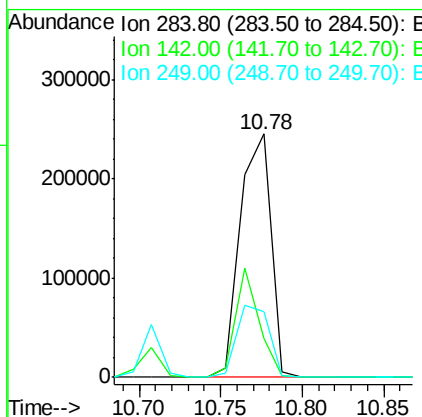
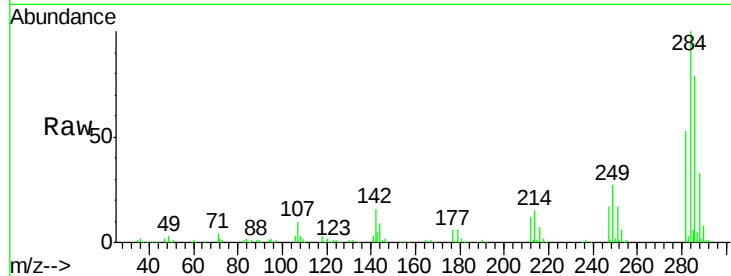
#67
Hexachlorobenzene
Concen: 38.18 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	319539		
142	16.2	27.6	41.4#	
249	26.8	25.5	38.3	

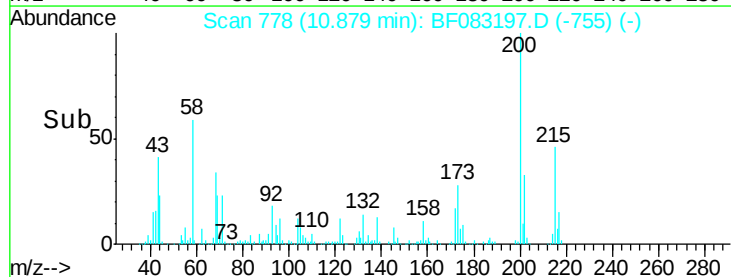
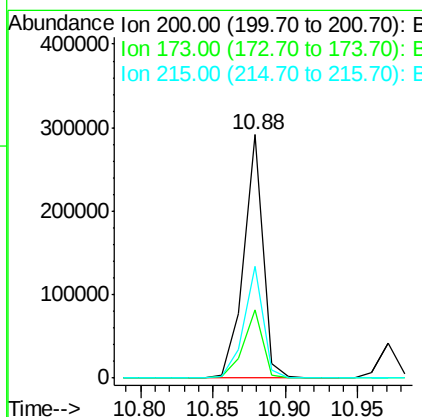
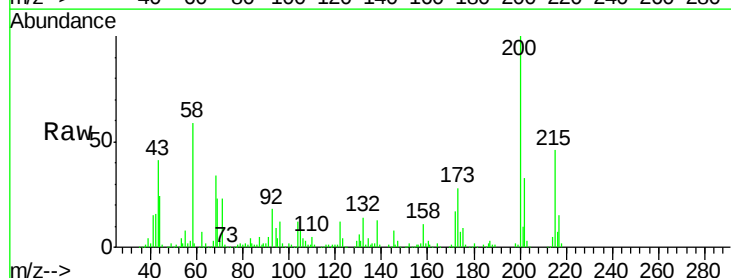
Manual Integrations
APPROVED

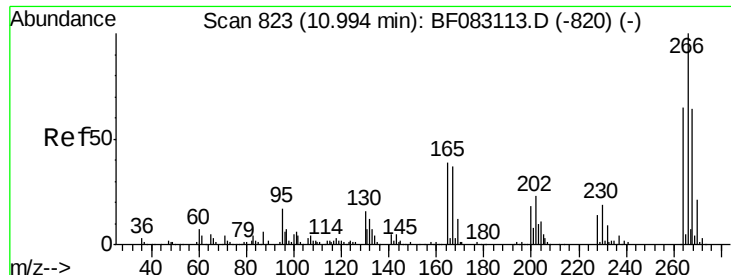
Mmdadoda
11/24/2015 1:19:53 PM



#68
Atrazine
Concen: 39.81 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	269274		
173	28.0	7.2	47.2	
215	46.1	25.7	65.7	





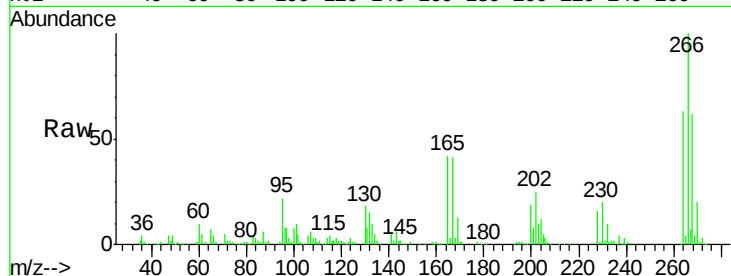
#69
 Pentachlorophenol
 Concen: 38.01 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

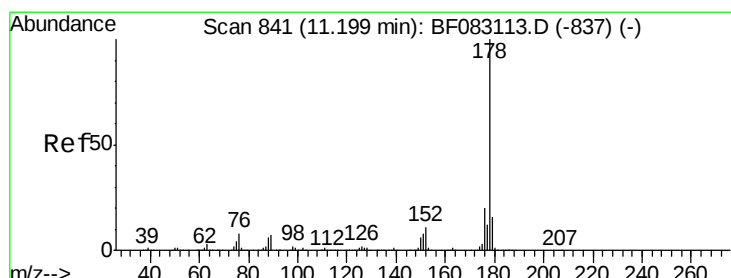
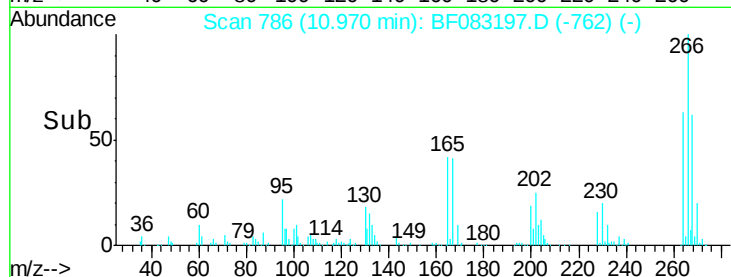
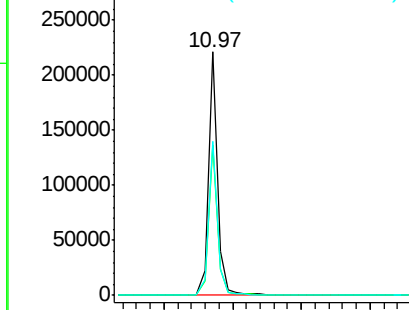
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	207196		
268	61.5	51.4	77.0	
264	63.2	51.7	77.5	

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:53 PM

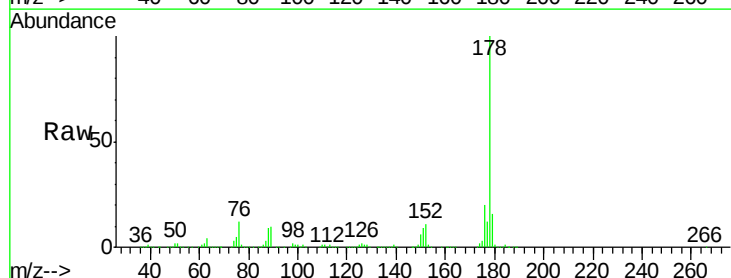


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

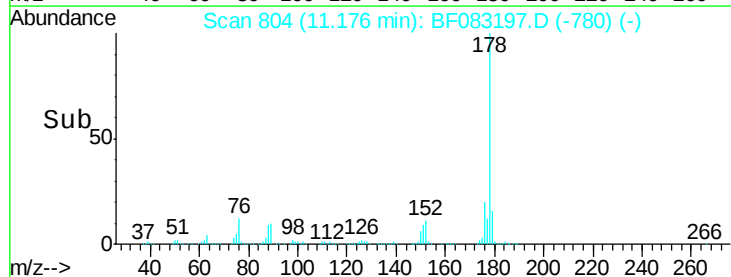
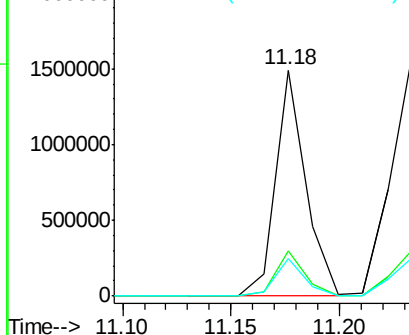


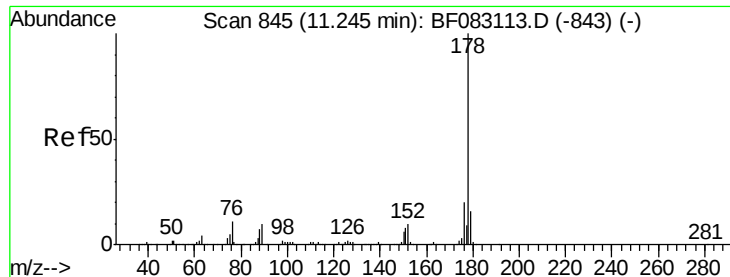
#70
 Phenanthrene
 Concen: 36.58 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1443456		
176	20.0	16.2	24.2	
179	16.4	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





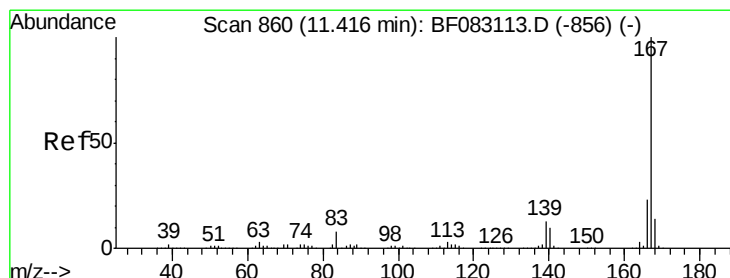
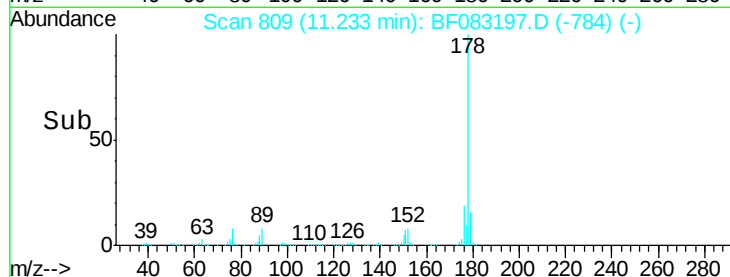
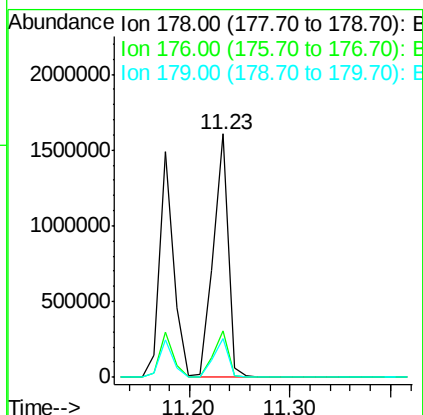
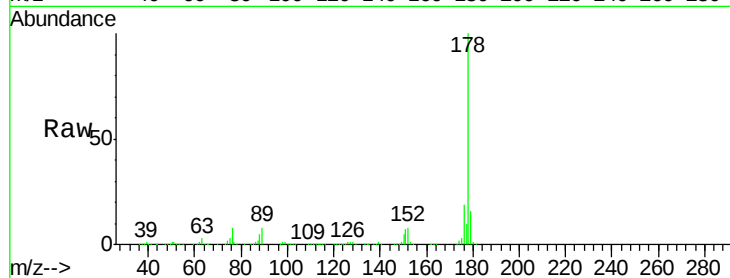
#71
 Anthracene
 Concen: 40.99 ng
 RT: 11.23 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1650413
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.9 13.2 19.8

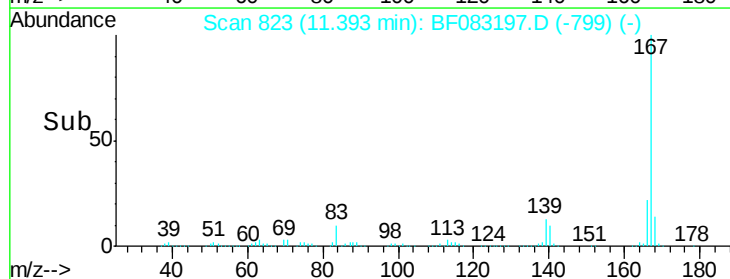
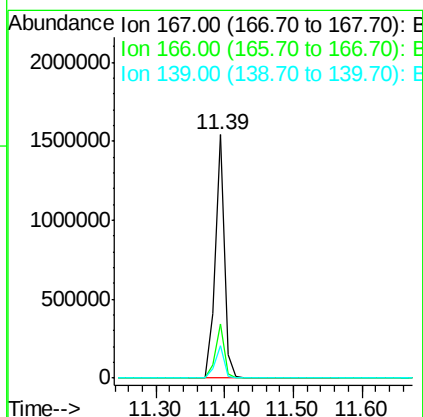
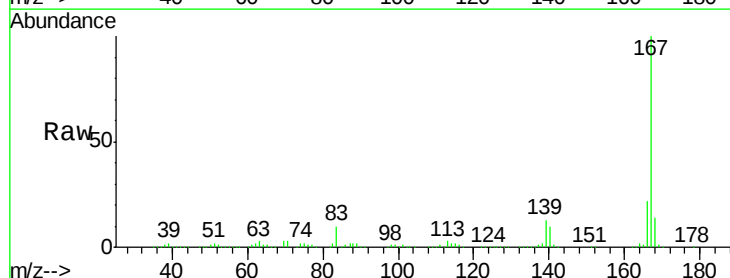
Manual Integrations
 APPROVED

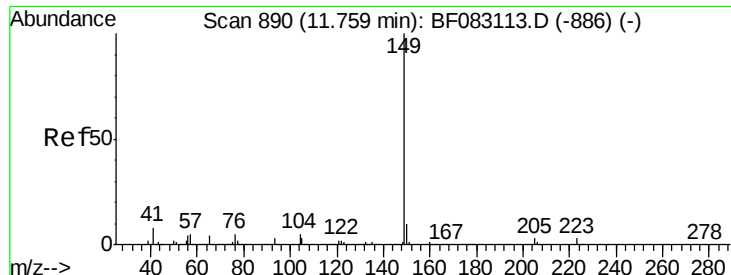
Mmdadoda
 11/24/2015 1:19:53 PM



#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.39 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion:167 Resp: 1458788
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 13.3 10.5 15.7





#73

Di-n-butylphthalate

Concen: 38.13 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

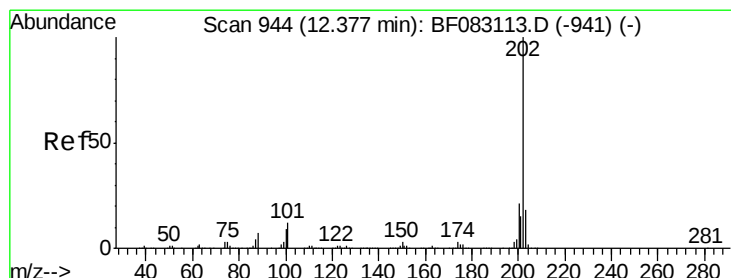
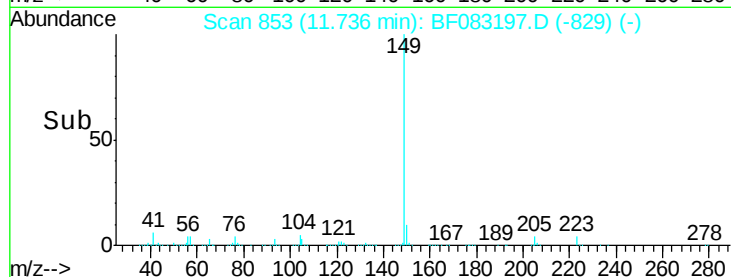
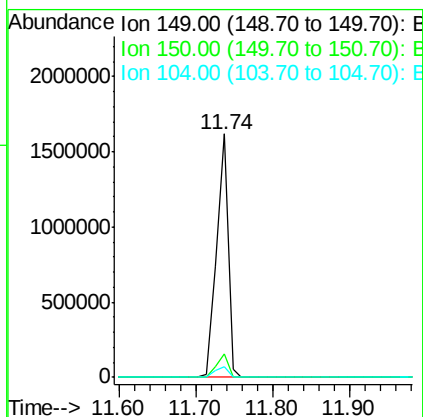
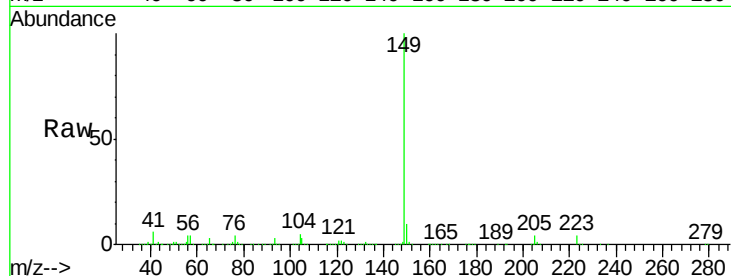
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM

Tgt Ion:	149	Resp:	1665301
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	4.6	4.4	6.6



#74

Fluoranthene

Concen: 38.80 ng

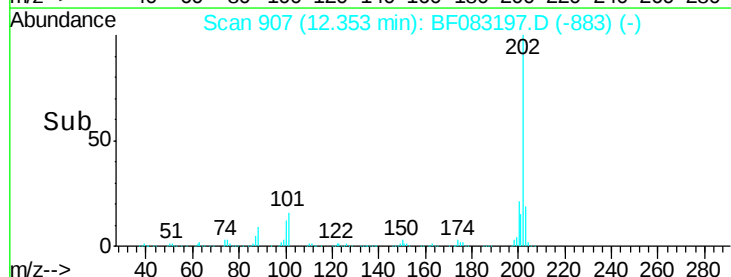
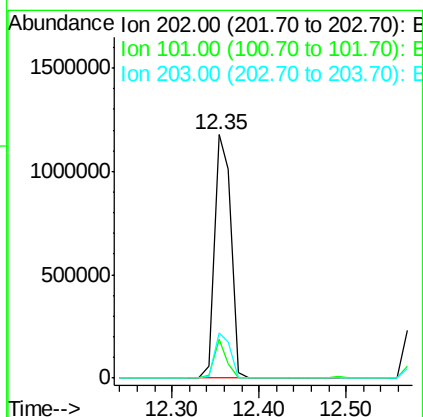
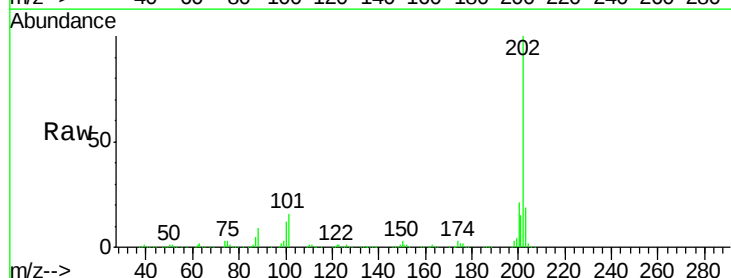
RT: 12.35 min Scan# 907

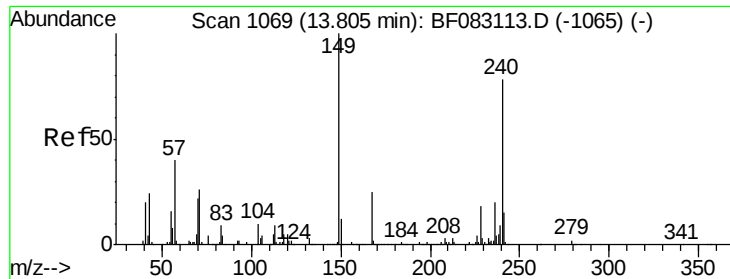
Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	202	Resp:	1566862
Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	32.3
203	18.7	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 601842
Ion Ratio Lower Upper

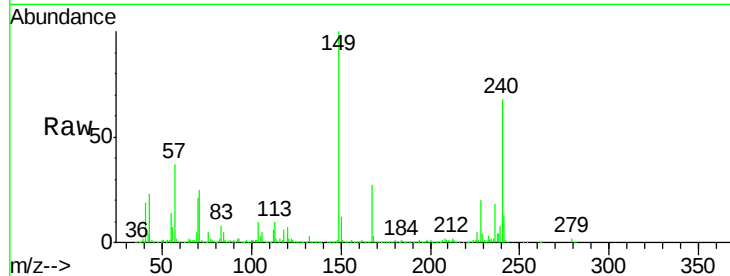
240 100

120 9.6 5.4 8.2#

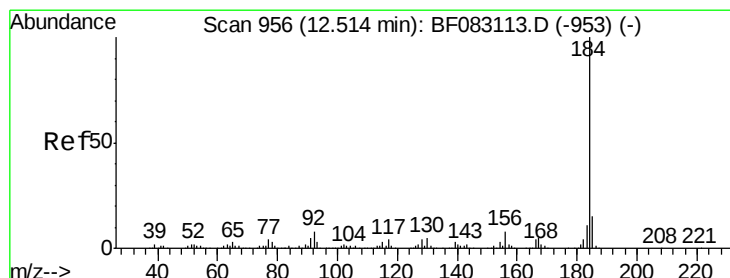
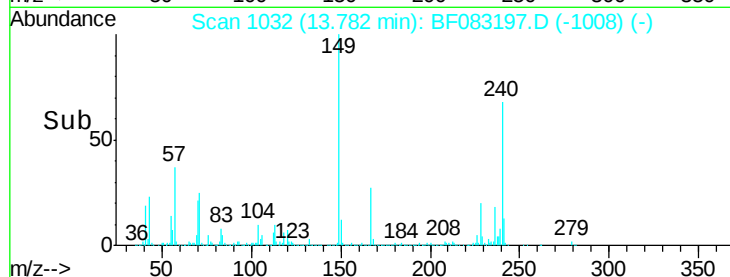
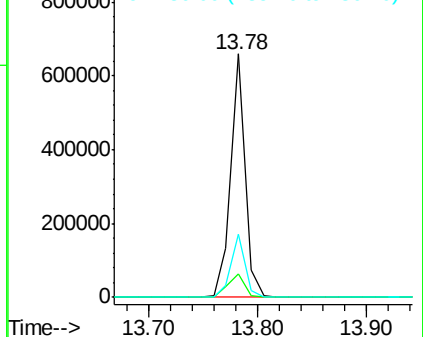
236 25.9 20.6 31.0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 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: 46.55 ng

RT: 12.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF083197.D

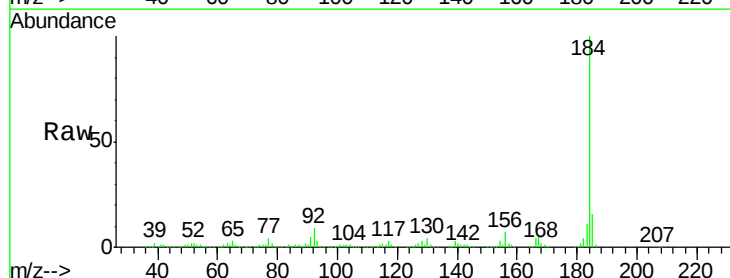
Acq: 23 Nov 2015 11:11

Tgt Ion:184 Resp: 734245
Ion Ratio Lower Upper

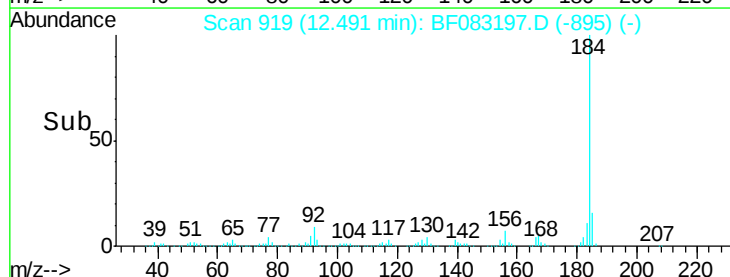
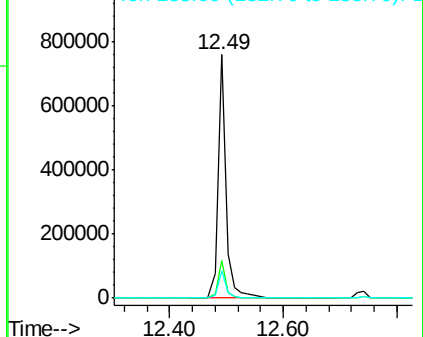
184 100

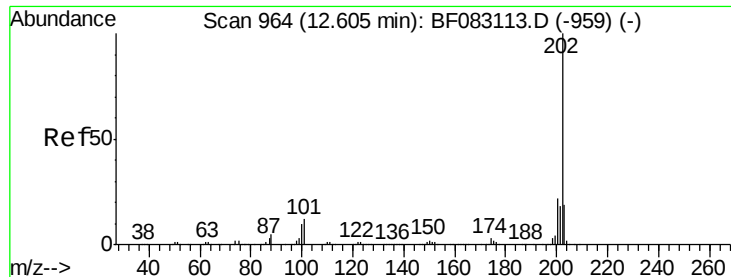
185 15.7 11.7 17.5

183 11.1 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

Pyrene

Concen: 37.70 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

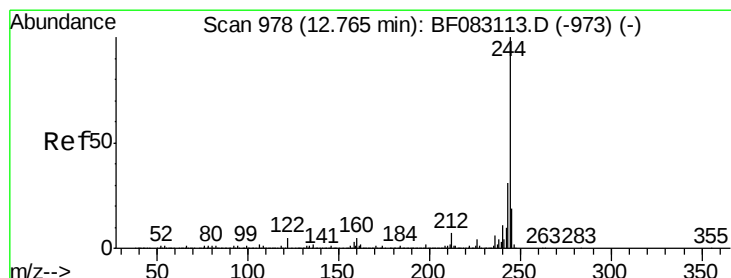
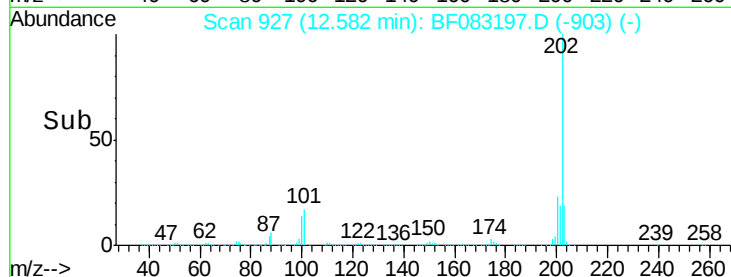
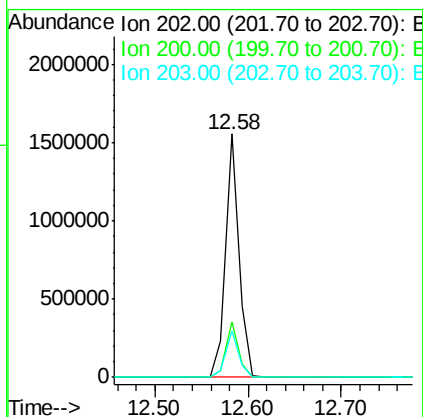
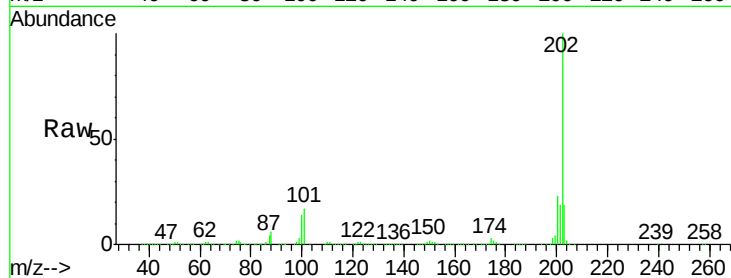
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	1550206
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	19.0	15.0	22.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#78

Terphenyl-d14

Concen: 75.05 ng

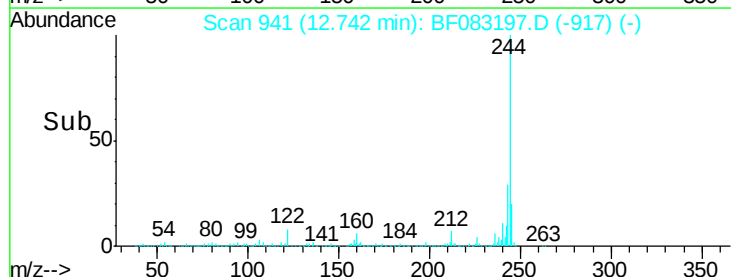
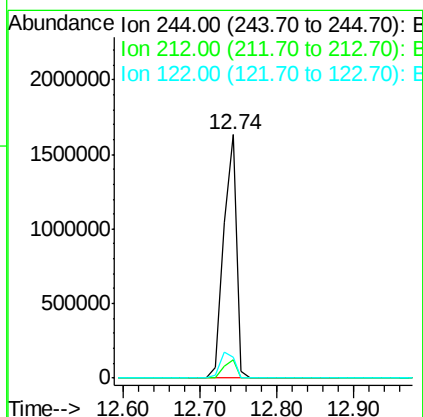
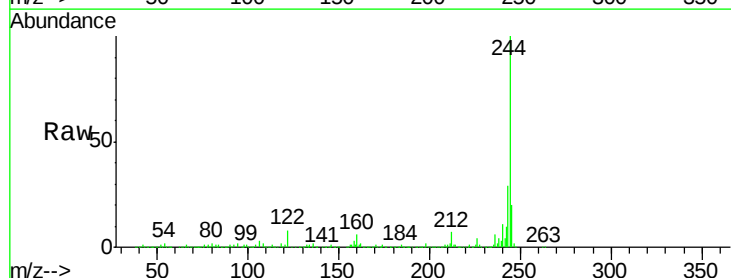
RT: 12.74 min Scan# 941

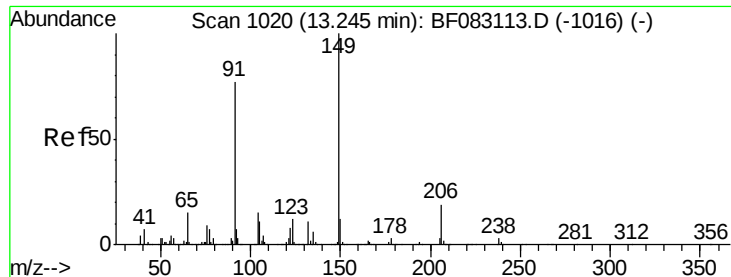
Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Tgt Ion:	244	Resp:	1918037
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	8.5	4.3	6.5#





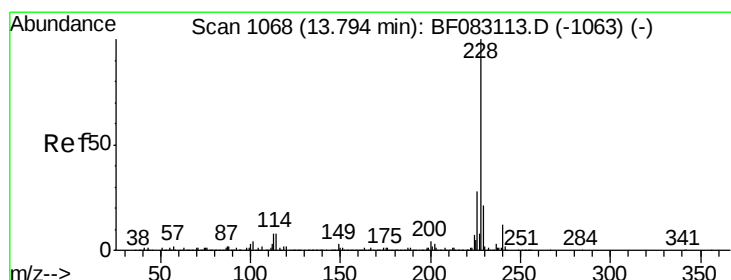
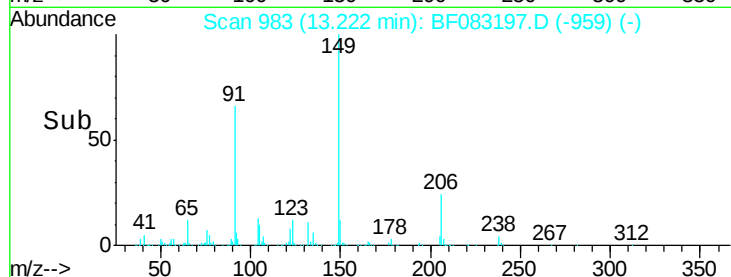
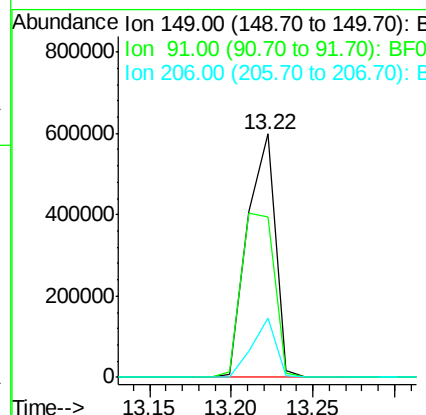
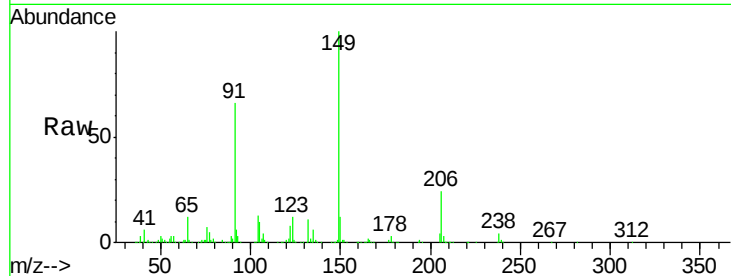
#79
Butylbenzylphthalate
Concen: 36.41 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.7	61.5	92.3
206	24.3	15.3	22.9

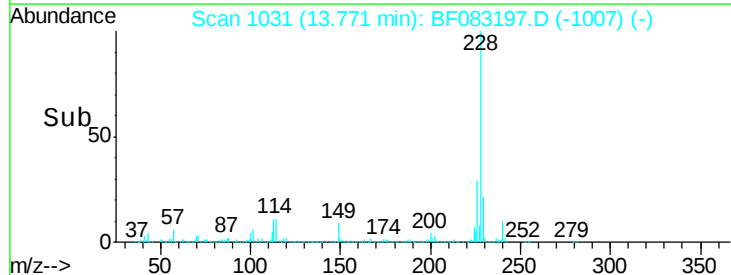
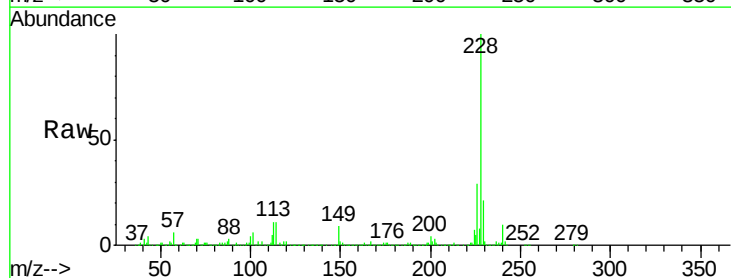
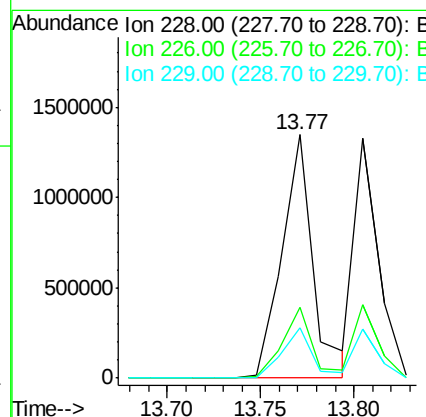
Manual Integrations
APPROVED

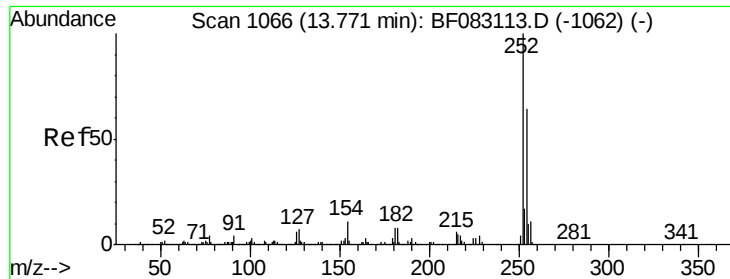
Mmdadoda
11/24/2015 1:19:53 PM



#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	22.6	33.8
229	20.9	16.6	24.8





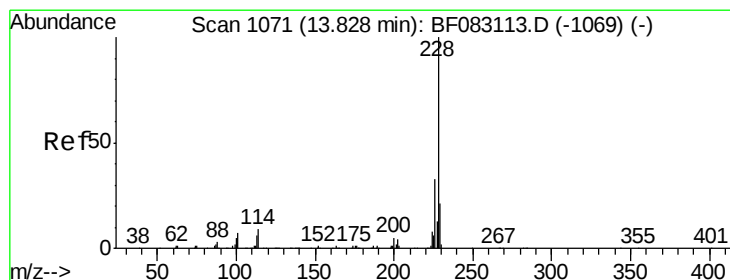
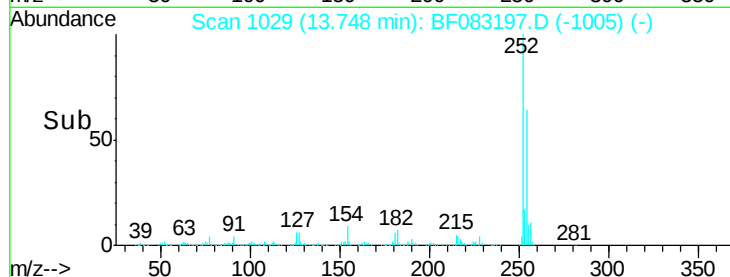
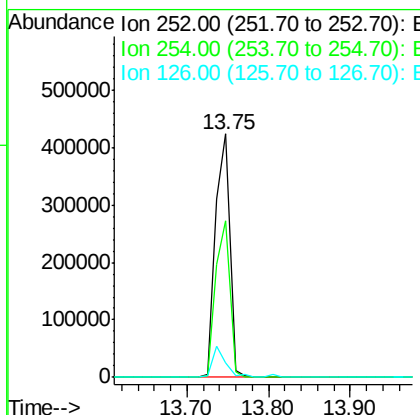
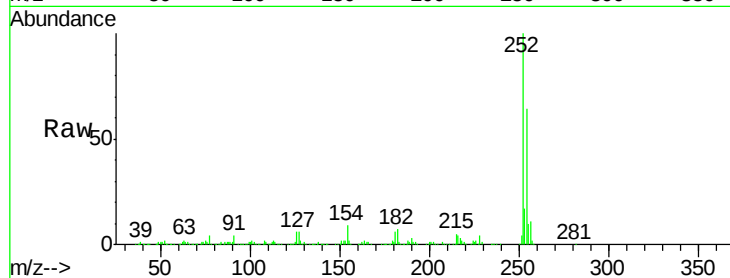
#81
 3,3'-Dichlorobenzidine
 Concen: 40.29 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	5.9	5.2	7.8

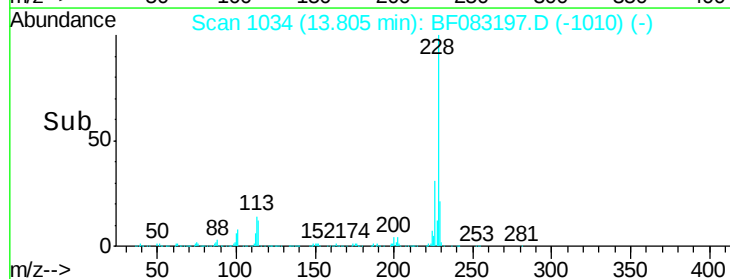
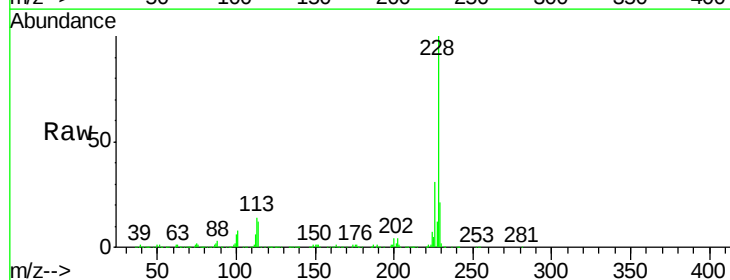
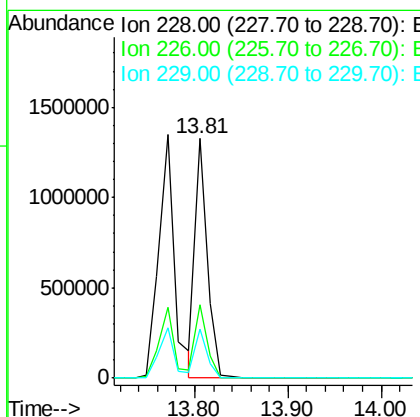
Manual Integrations
 APPROVED

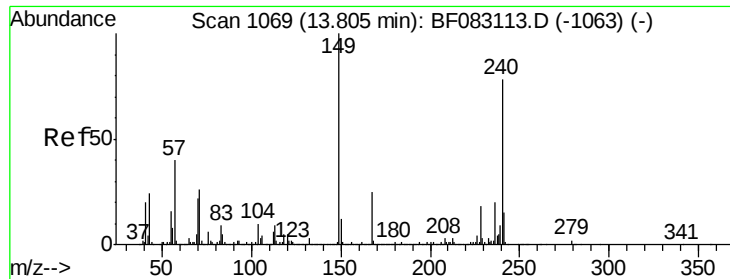
Mmdadoda
 11/24/2015 1:19:53 PM



#82
 Chrysene
 Concen: 35.21 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	20.5	16.6	25.0





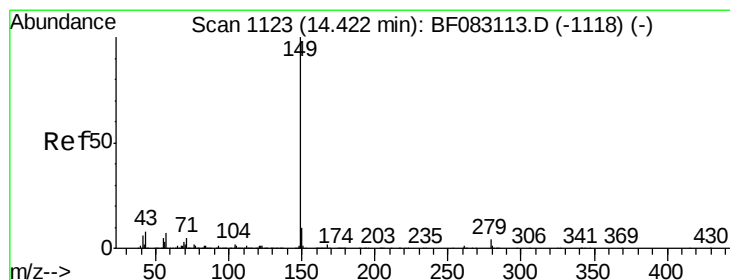
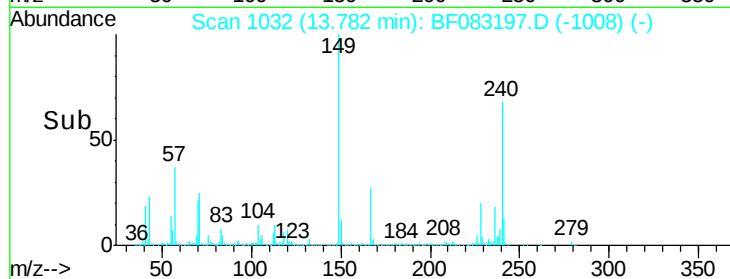
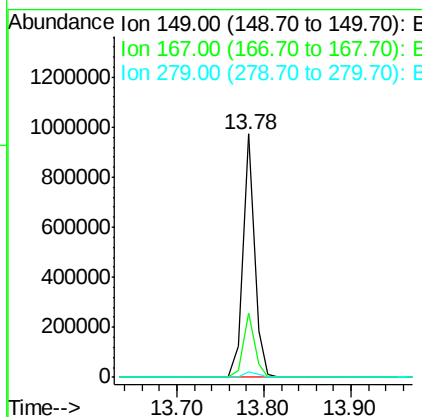
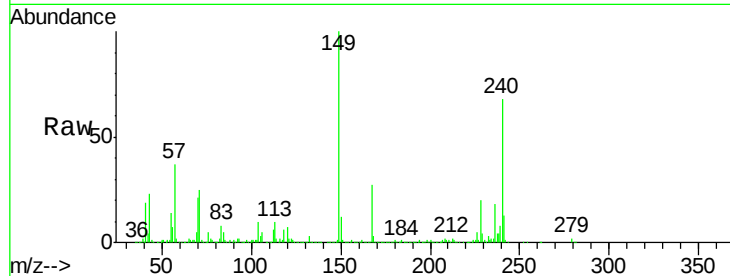
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.09 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	891814		
167	26.7	20.1	30.1	
279	2.5	1.7	2.5	

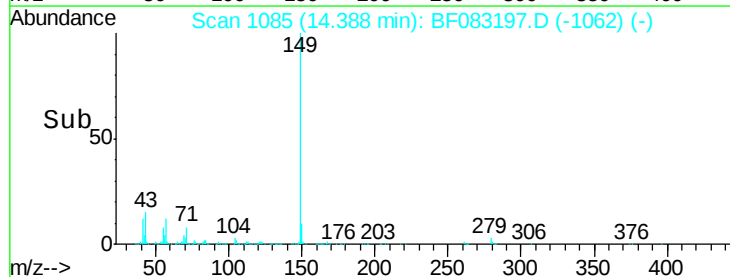
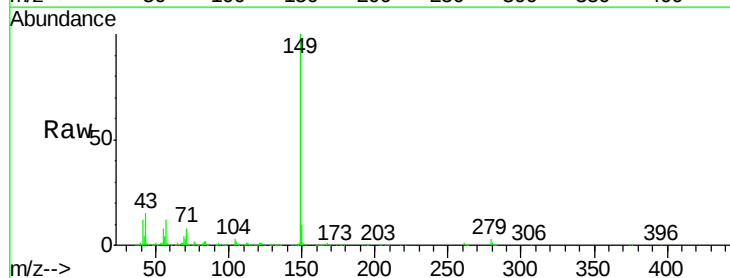
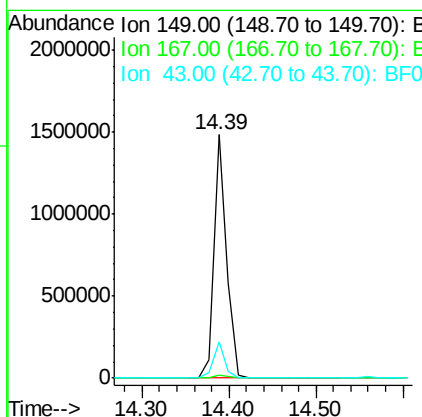
Manual Integrations
 APPROVED

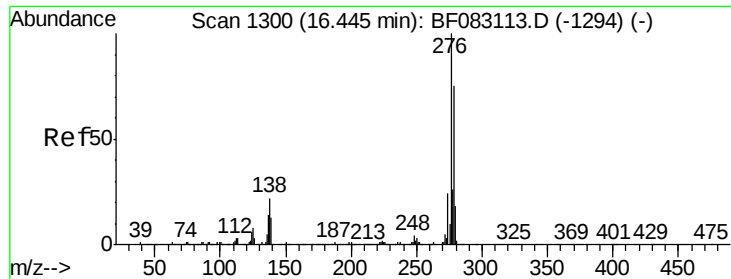
Mmdadoda
 11/24/2015 1:19:53 PM



#84
 Di-n-octyl phthalate
 Concen: 34.55 ng
 RT: 14.39 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1511684		
167	1.5	1.2	1.8	
43	13.4	9.5	14.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.09 ng

RT: 16.40 min Scan# 1261

Delta R.T. -0.05 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1164394

Ion Ratio Lower Upper

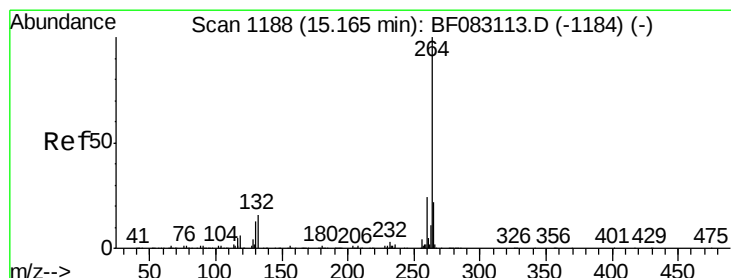
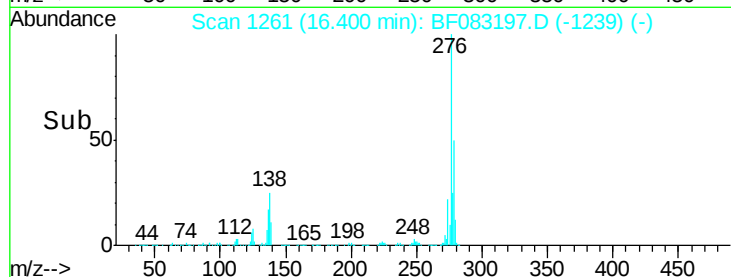
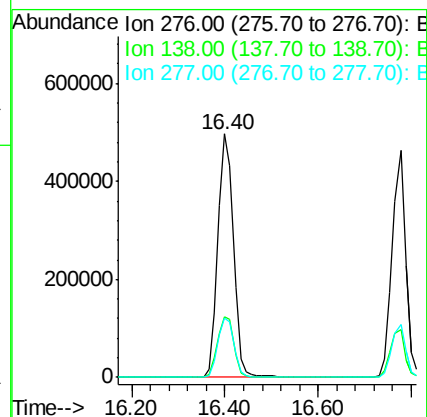
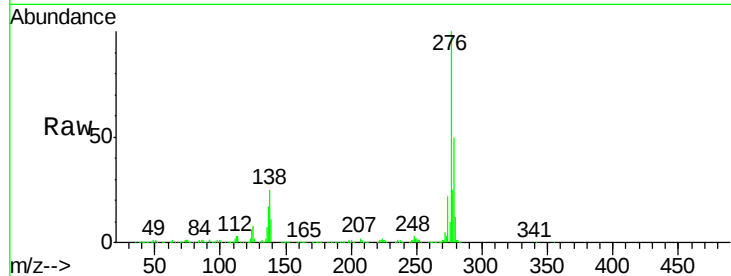
276 100

138 26.3 18.0 27.0

277 25.0 20.2 30.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:53 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083197.D

Acq: 23 Nov 2015 11:11

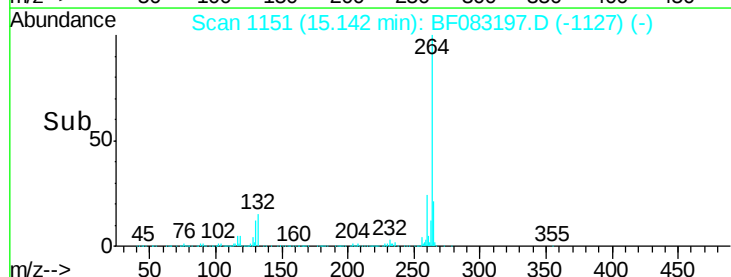
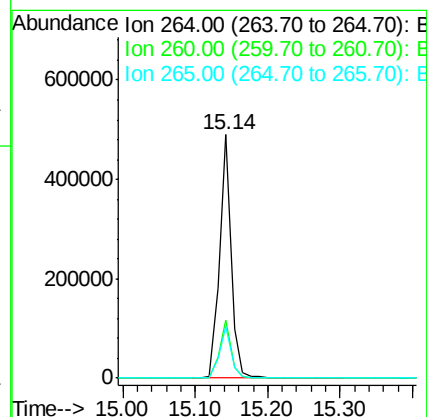
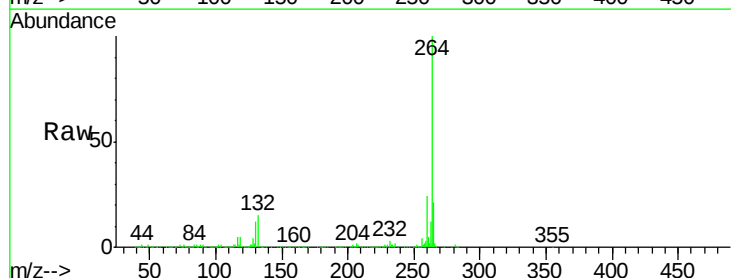
Tgt Ion:264 Resp: 545053

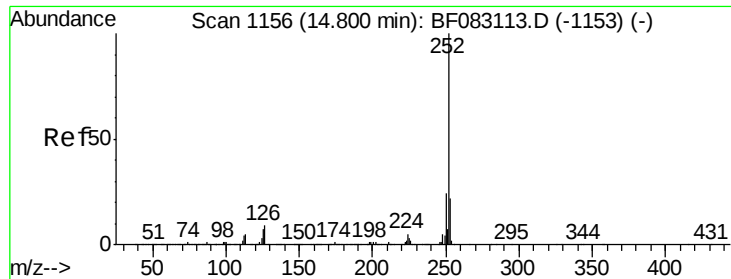
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.1 18.2 27.4





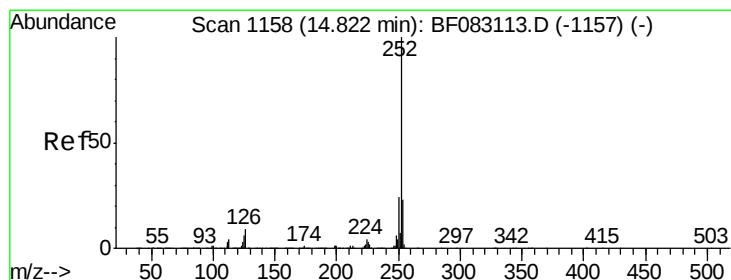
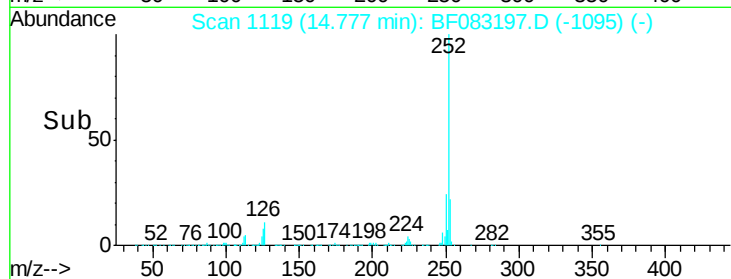
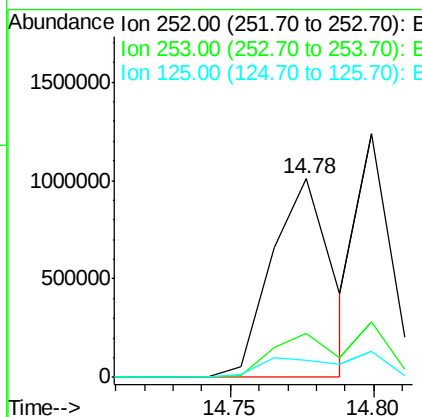
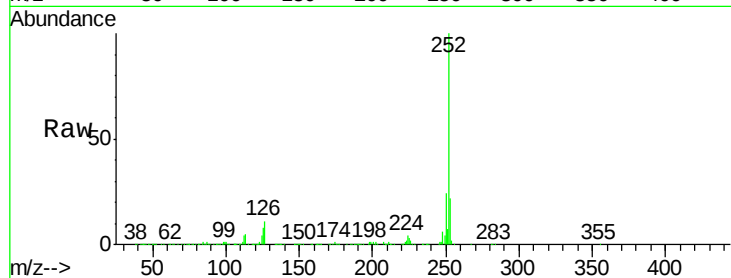
#87
Benzo(b)fluoranthene
Concen: 39.53 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1472127
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.4 5.6 8.4

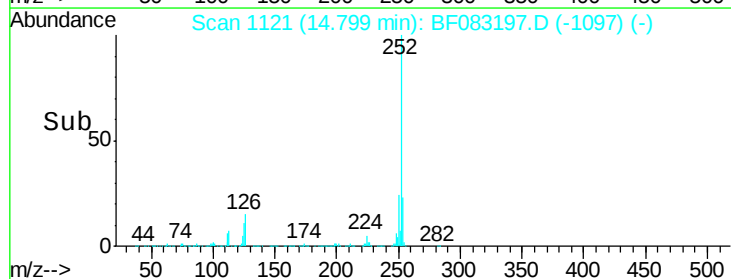
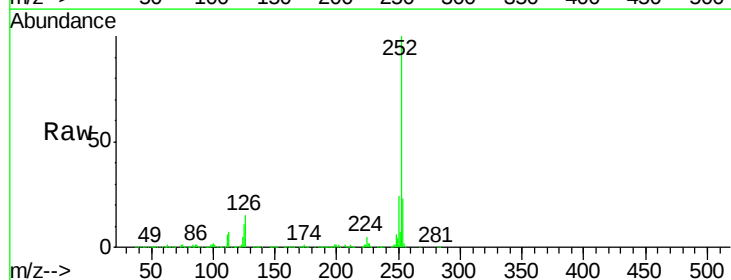
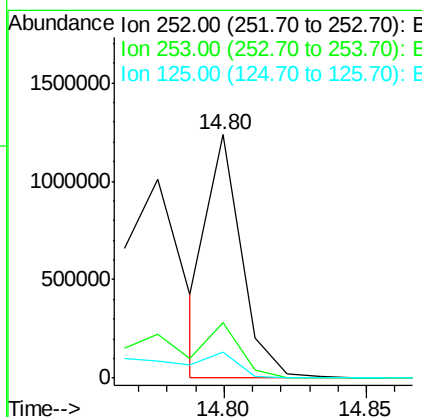
Manual Integrations
APPROVED

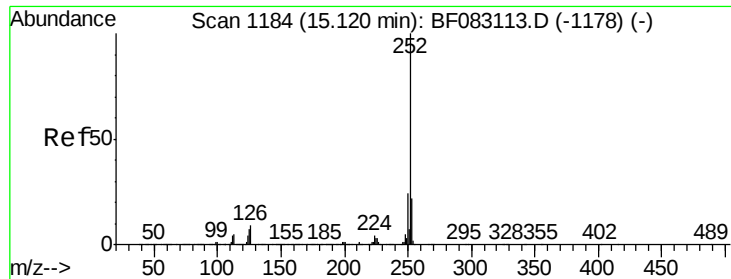
Mmdadoda
11/24/2015 1:19:53 PM



#88
Benzo(k)fluoranthene
Concen: 36.36 ng m
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion:252 Resp: 1008993
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.5 6.8 10.2#





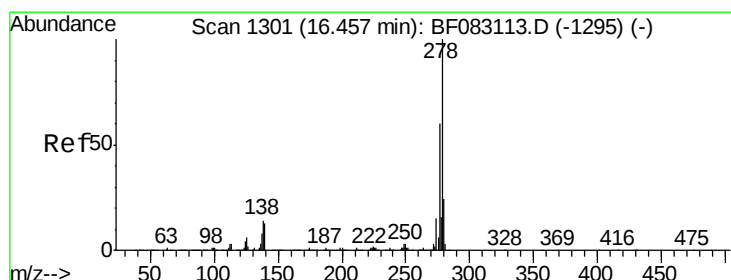
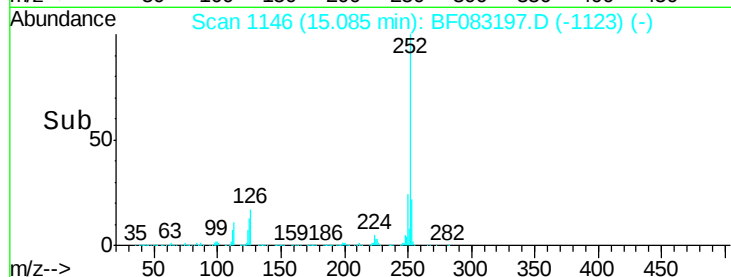
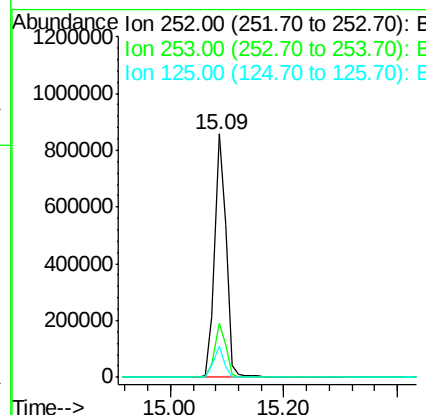
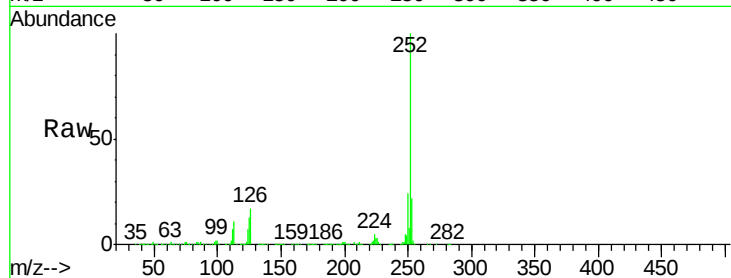
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.6	5.4	8.0

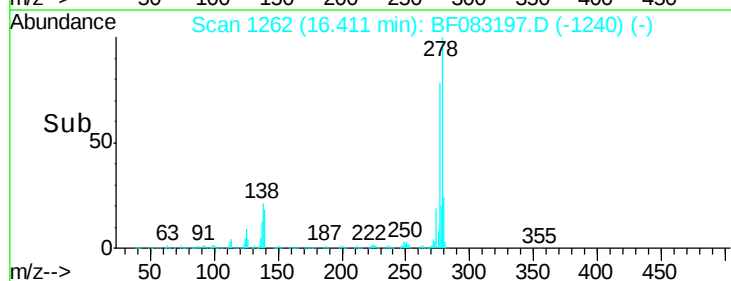
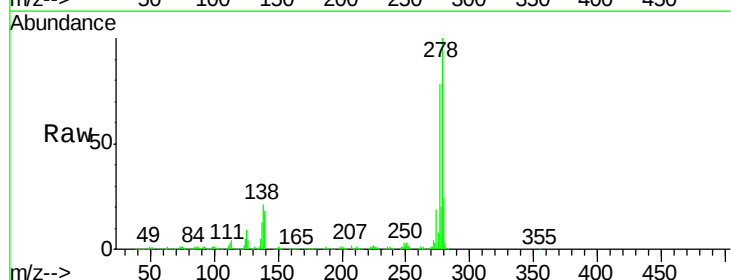
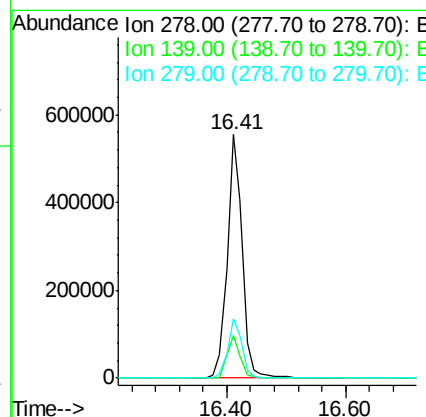
Manual Integrations
APPROVED

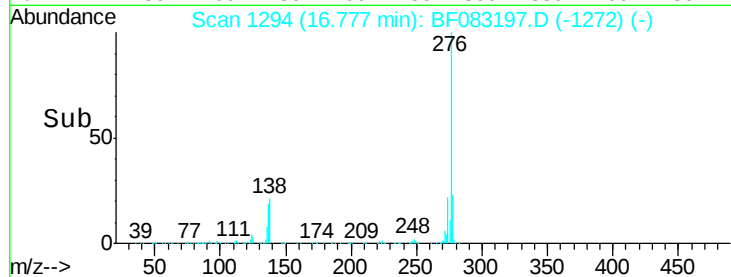
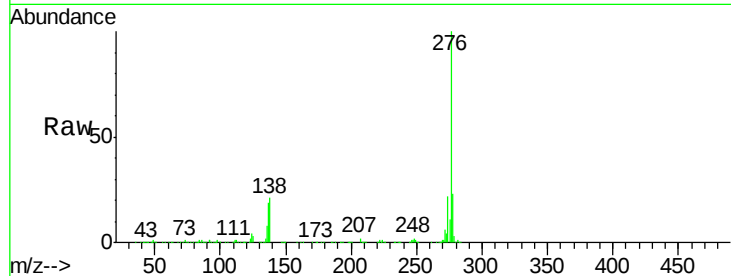
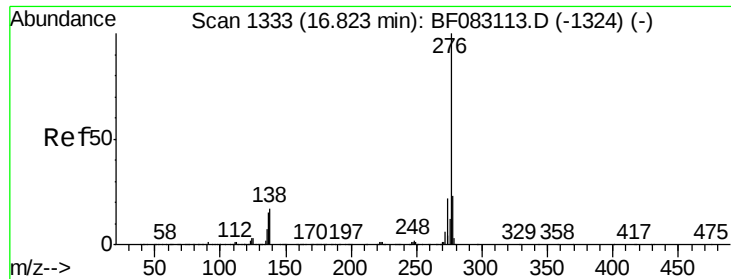
Mmdadoda
11/24/2015 1:19:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.42 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083197.D
Acq: 23 Nov 2015 11:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	10.7	16.1
279	24.4	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 34.32 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083197.D
 Acq: 23 Nov 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	21.1	13.9	20.9

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:53 PM

