

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083507.D
 Acq On : 5 Dec 2015 3:54
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:52 PM

Quant Time: Dec 05 06:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	138231	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	538610	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	259516	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	482011	20.00	ng	0.00
75) Chrysene-d12	17.05	240	360566	20.00	ng	0.00
86) Perylene-d12	18.67	264	283760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	757741	83.16	ng	0.00
7) Phenol-d6	5.32	99	1006606	80.18	ng	0.00
23) Nitrobenzene-d5	6.60	82	932695	80.95	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	196064	81.90	ng	-0.01
44) 2-Fluorobiphenyl	9.42	172	1534189	80.18	ng	0.00
78) Terphenyl-d14	15.48	244	1349655	83.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	196021	41.02	ng	97
3) Pyridine	2.30	79	524918	46.03	ng	90
4) n-Nitrosodimethylamine	2.27	42	247857	43.14	ng	100
6) Aniline	5.32	93	670688	41.04	ng	99
8) 2-Chlorophenol	5.48	128	406517	40.12	ng	99
9) Benzaldehyde	5.16	77	290444	40.35	ng	99
10) Phenol	5.33	94	582383	39.67	ng	98
11) bis(2-Chloroethyl)ether	5.42	93	411982	37.86	ng	100
12) 1,3-Dichlorobenzene	5.69	146	455013	40.49	ng	99
13) 1,4-Dichlorobenzene	5.79	146	458826	39.98	ng	99
14) 1,2-Dichlorobenzene	6.01	146	425257	40.30	ng	100
15) Benzyl Alcohol	6.01	79	364642	41.87	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	802224	39.77	ng	99
17) 2-Methylphenol	6.20	107	329465	39.40	ng	98
18) Hexachloroethane	6.50	117	161062	40.21	ng	98
19) n-Nitroso-di-n-propylamine	6.41	70	331889	39.63	ng	98
20) 3+4-Methylphenols	6.43	107	441916	40.68	ng	99
22) Acetophenone	6.38	105	631107	40.68	ng	100
24) Nitrobenzene	6.62	77	501716	39.53	ng	99
25) Isophorone	7.00	82	895293	40.46	ng	100
26) 2-Nitrophenol	7.10	139	202708	40.48	ng	98
27) 2,4-Dimethylphenol	7.23	122	359391	40.62	ng	98
28) bis(2-Chloroethoxy)methane	7.36	93	505239	40.97	ng	99
29) 2,4-Dichlorophenol	7.49	162	331322	41.47	ng	93
30) 1,2,4-Trichlorobenzene	7.60	180	358667	40.60	ng	99
31) Naphthalene	7.71	128	1163148	40.57	ng	99
32) Benzoic acid	7.49	122	162779	33.71	ng	97
33) 4-Chloroaniline	7.82	127	455687	40.63	ng	98
34) Hexachlorobutadiene	7.92	225	208638	39.97	ng	98
35) Caprolactam	8.43	113	100705	39.63	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	361898	40.25	ng	98
37) 2-Methylnaphthalene	8.81	142	707774	39.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	347109	40.68	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	109286	38.80	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083507.D
 Acq On : 5 Dec 2015 3:54
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:52 PM

Quant Time: Dec 05 06:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	219959	41.05	nq	99
43) 2,4,5-Trichlorophenol	9.37	196	221647	40.16	nq	99
45) 1,1'-Biphenyl	9.57	154	925939	40.15	nq	99
46) 2-Chloronaphthalene	9.58	162	702518	40.42	nq	99
47) 2-Nitroaniline	9.78	65	252360	40.77	nq	98
48) Acenaphthylene	10.24	152	1140529	40.08	nq	100
49) Dimethylphthalate	10.11	163	811989	39.75	nq	100
50) 2,6-Dinitrotoluene	10.19	165	175047	40.70	nq	96
51) Acenaphthene	10.52	154	655357	40.02	nq	98
52) 3-Nitroaniline	10.45	138	190133	41.00	nq	98
53) 2,4-Dinitrophenol	10.65	184	74228	37.91	nq	98
54) Dibenzofuran	10.80	168	904881	39.89	nq	95
55) 4-Nitrophenol	10.83	139	100466m	38.47	nq	
56) 2,4-Dinitrotoluene	10.84	165	232704	41.43	nq	# 98
57) Fluorene	11.36	166	797877	40.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	169315	41.02	nq	# 100
59) Diethylphthalate	11.25	149	780740	39.72	nq	99
60) 4-Chlorophenyl-phenylether	11.38	204	369266	39.04	nq	99
61) 4-Nitroaniline	11.46	138	175822	41.85	nq	97
62) Azobenzene	11.64	77	824846	39.33	nq	99
64) 4,6-Dinitro-2-methylphenol	11.50	198	127519	39.84	nq	96
65) n-Nitrosodiphenylamine	11.59	169	635582	39.83	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	214274	40.68	nq	96
67) Hexachlorobenzene	12.24	284	223890	39.76	nq	98
68) Atrazine	12.50	200	192652	39.92	nq	100
69) Pentachlorophenol	12.59	266	94309	39.25	nq	96
70) Phenanthrene	12.90	178	1127473	40.19	nq	99
71) Anthracene	12.98	178	1151374	40.24	nq	99
72) Carbazole	13.28	167	989408	40.27	nq	99
73) Di-n-butylphthalate	13.91	149	1221208	41.27	nq	99
74) Fluoranthene	14.82	202	1122727	40.38	nq	99
76) Benzidine	15.08	184	560504	43.03	nq	99
77) Pyrene	15.17	202	1123047	41.64	nq	100
79) Butylbenzylphthalate	16.32	149	465133	43.86	nq	99
80) Benzo(a)anthracene	17.04	228	873846	41.42	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	278772	41.32	nq	96
82) Chrysene	17.08	228	851222	40.50	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	590656	42.44	nq	100
84) Di-n-octyl phthalate	17.92	149	833601	42.00	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.92	276	740112	41.08	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	634110m	39.79	nq	
88) Benzo(k)fluoranthene	18.32	252	684531m	41.93	nq	
89) Benzo(a)pyrene	18.61	252	631333	40.73	nq	99
90) Dibenzo(a,h)anthracene	19.93	278	629695	42.22	nq	99
91) Benzo(g,h,i)perylene	20.27	276	634701	42.23	nq	99

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

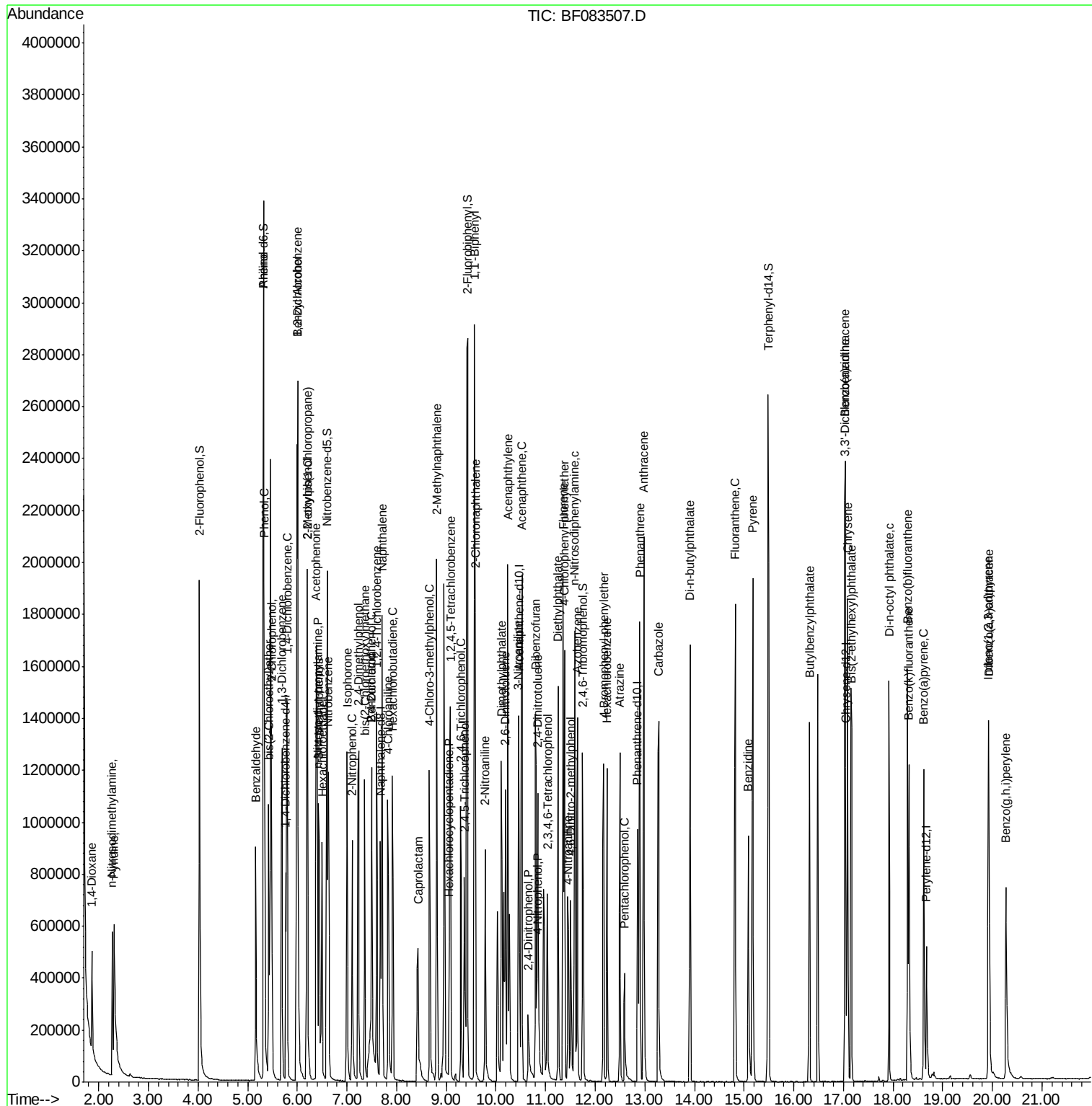
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083507.D
Acq On    : 5 Dec 2015    3:54
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 6    Sample Multiplier: 1
```

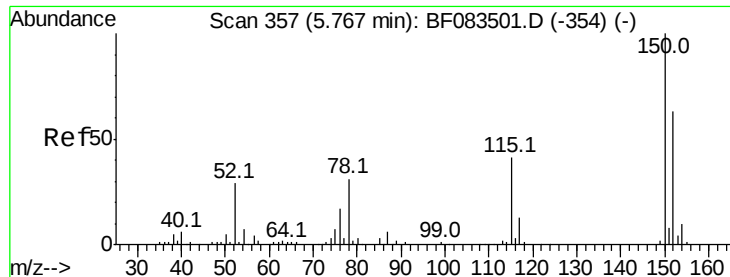
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Mmdadoda
12/7/2015 6:30:52 PM

Quant Time: Dec 05 06:23:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

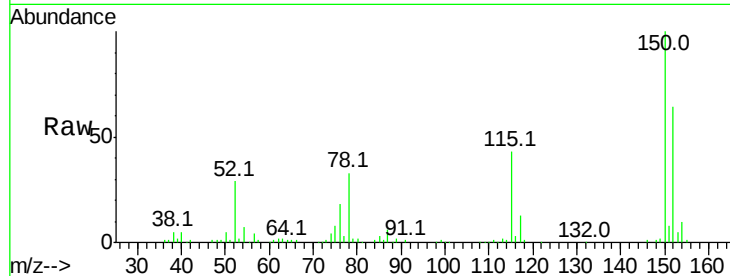
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.5	189.7
115	66.7	52.3	78.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM

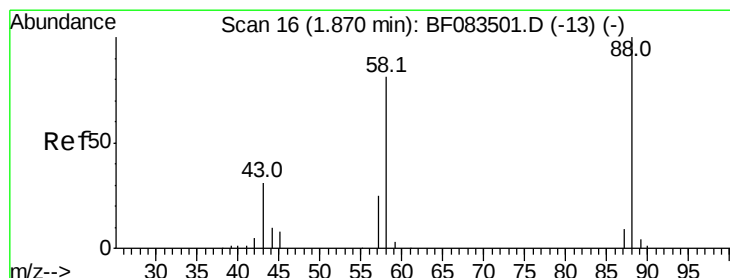
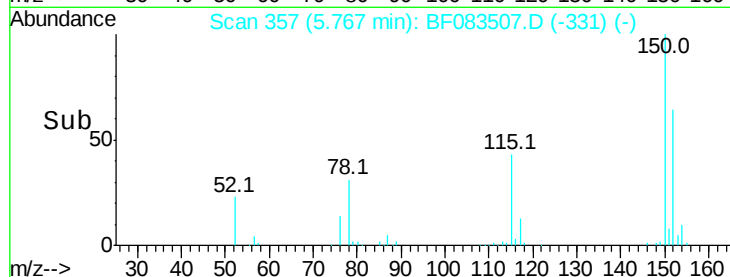
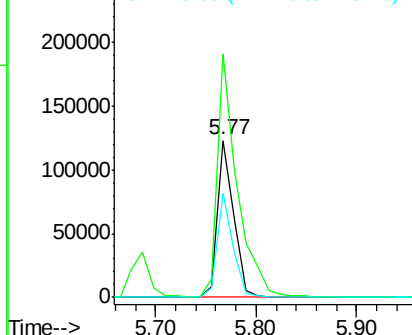


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

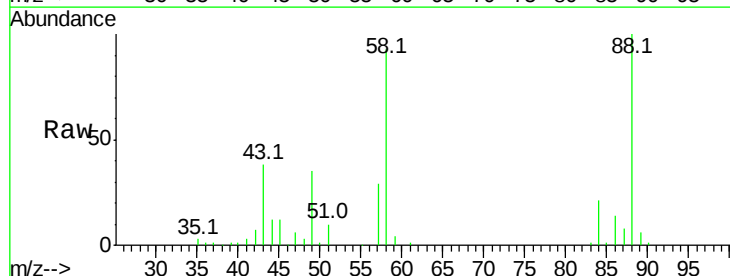
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.02 ng
RT: 1.86 min Scan# 15
Delta R.T. -0.01 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	68.0	102.0
43	33.9	27.9	41.9

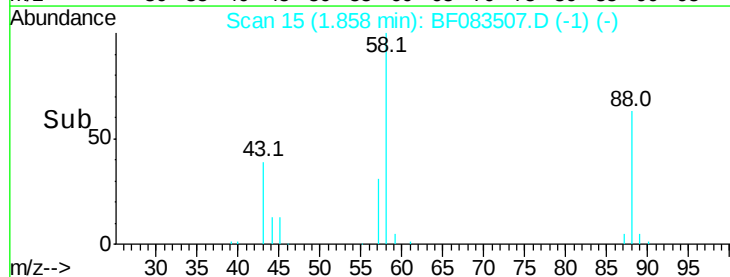
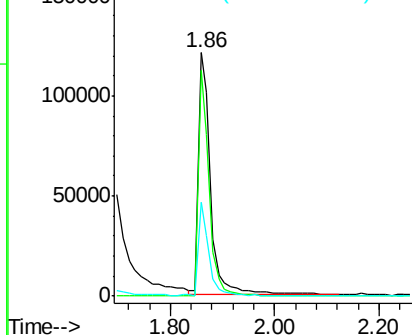


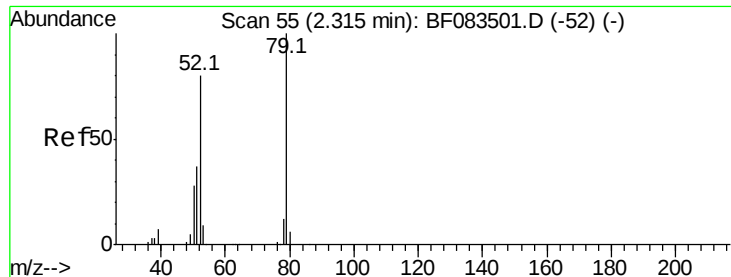
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





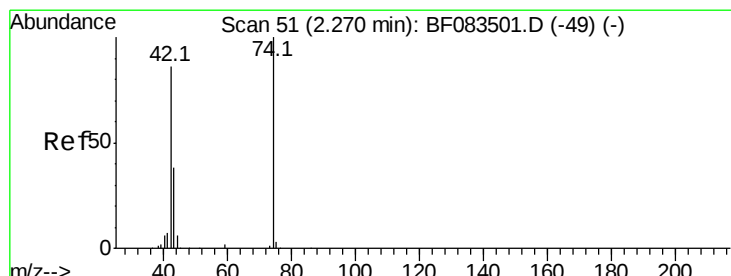
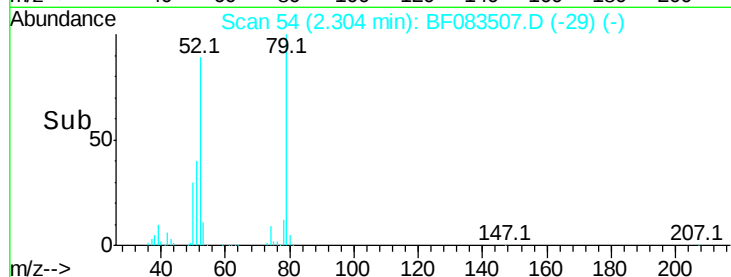
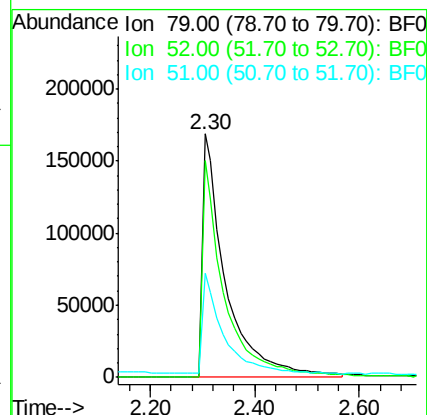
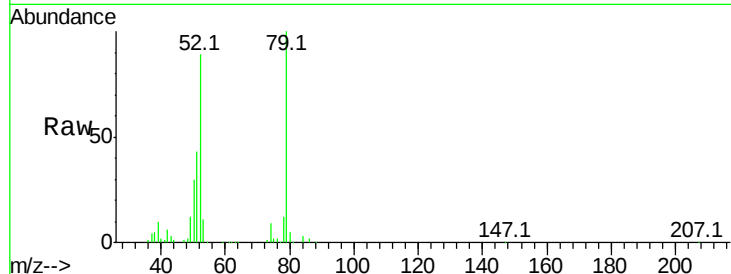
#3
 Pvridine
 Concen: 46.03 ng
 RT: 2.30 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.0	63.7	95.5
51	43.0	30.6	45.8

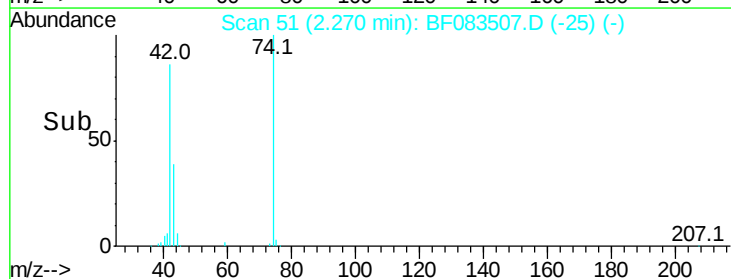
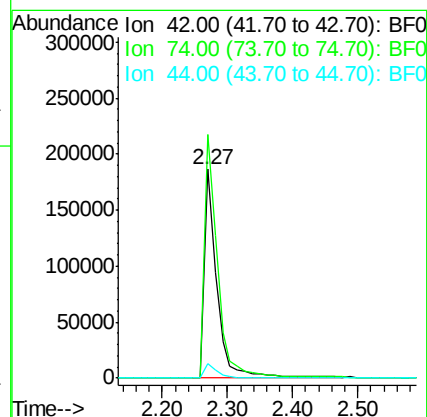
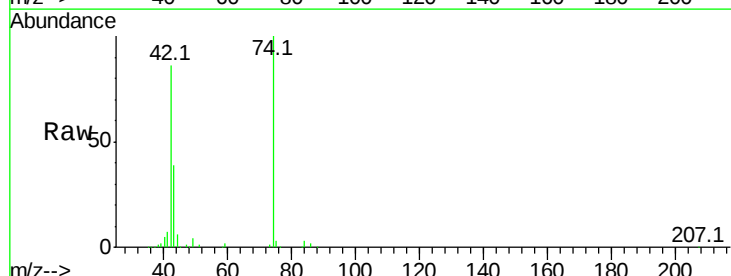
Manual Integrations
 APPROVED

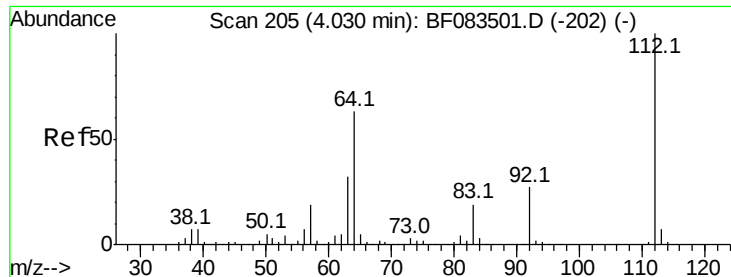
Mmdadoda
 12/7/2015 6:30:52 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.14 ng
 RT: 2.27 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.5	92.9	139.3
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 83.16 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

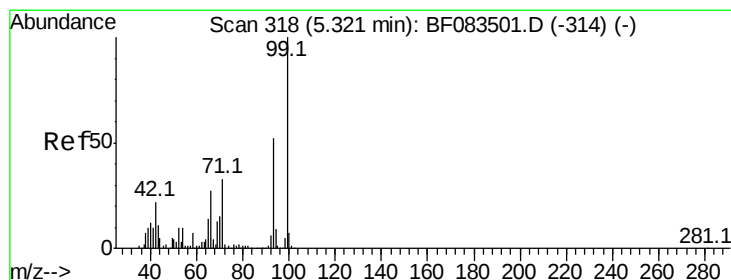
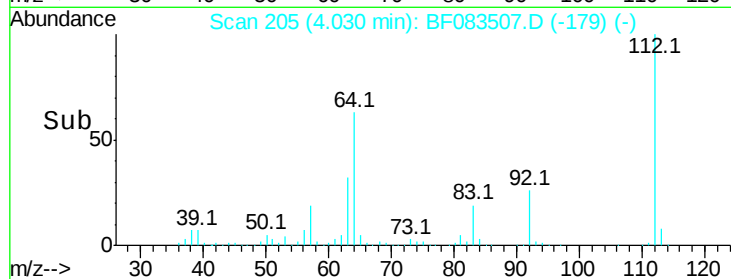
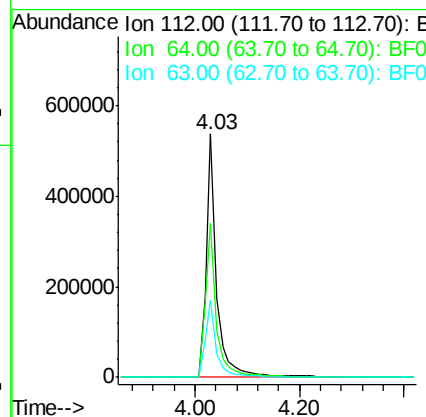
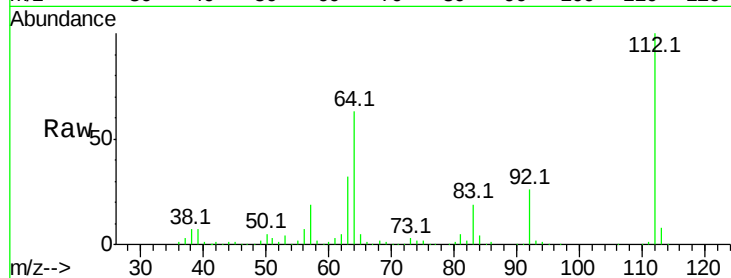
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	757741
Ion Ratio	Lower	Upper	
112	100		
64	63.3	50.5	75.7
63	31.6	25.8	38.6

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#6

Aniline

Concen: 41.04 ng

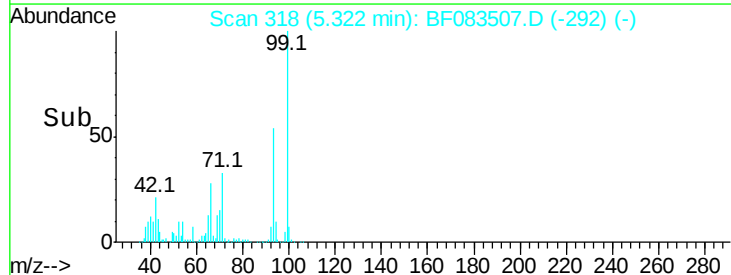
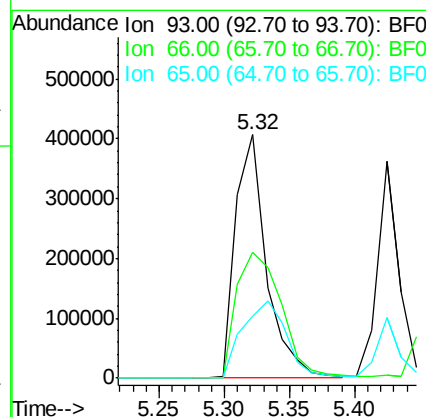
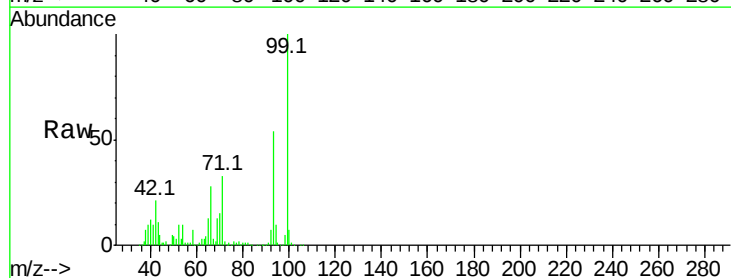
RT: 5.32 min Scan# 318

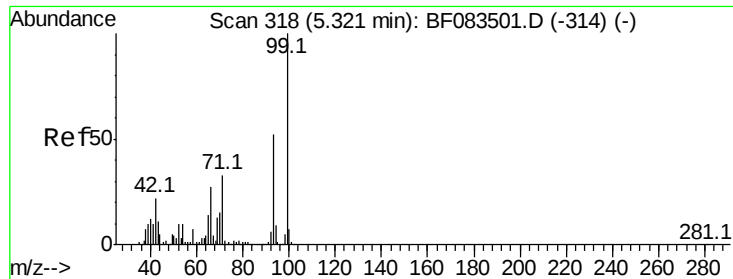
Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion:	93	Resp:	670688
Ion Ratio	Lower	Upper	
93	100		
66	52.0	41.3	61.9
65	25.2	20.8	31.2





#7

Phenol-d6

Concen: 80.18 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1006606

Ion Ratio Lower Upper

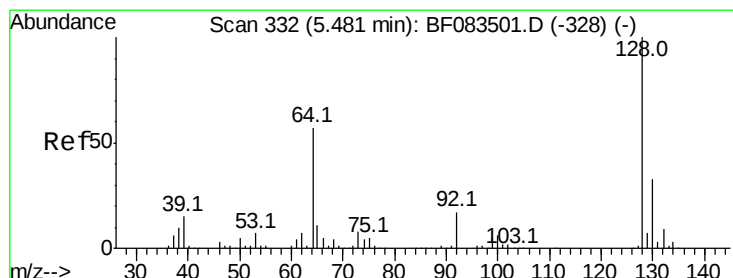
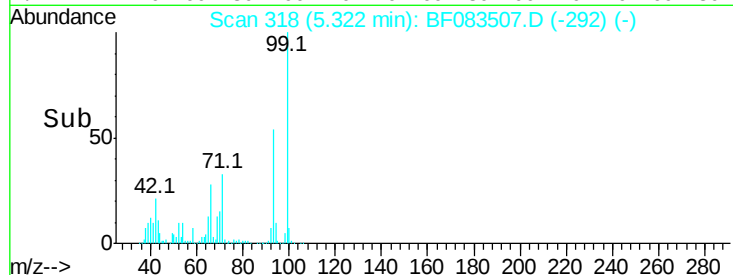
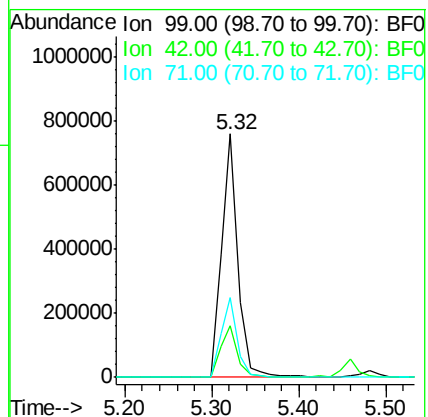
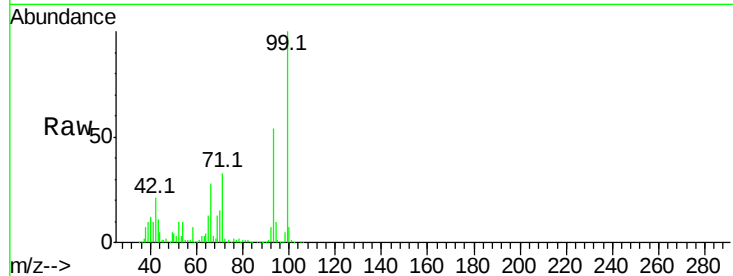
99 100

42 21.1 17.3 25.9

71 32.8 26.6 40.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#8

2-Chlorophenol

Concen: 40.12 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

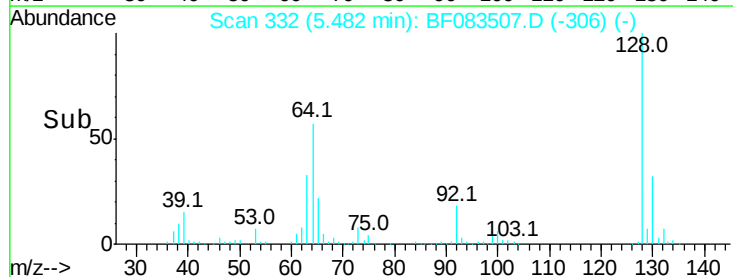
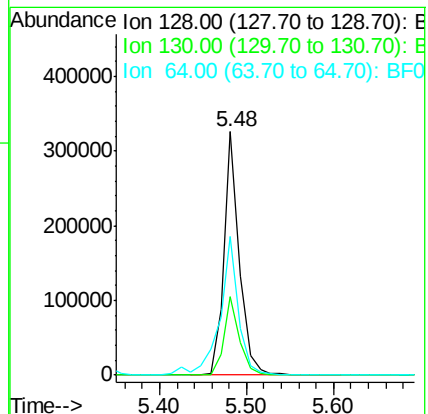
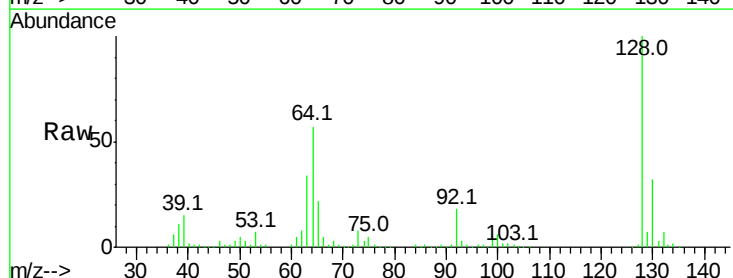
Tgt Ion: 128 Resp: 406517

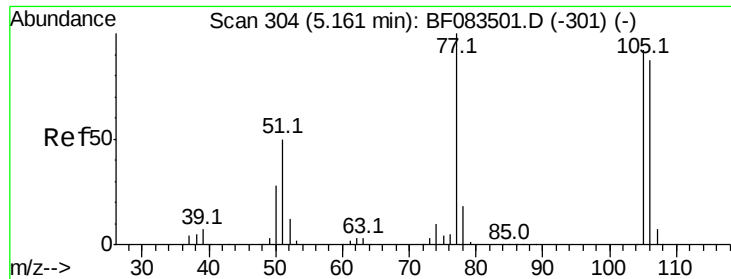
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 57.0 38.6 78.6





#9

Benzaldehyde

Concen: 40.35 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

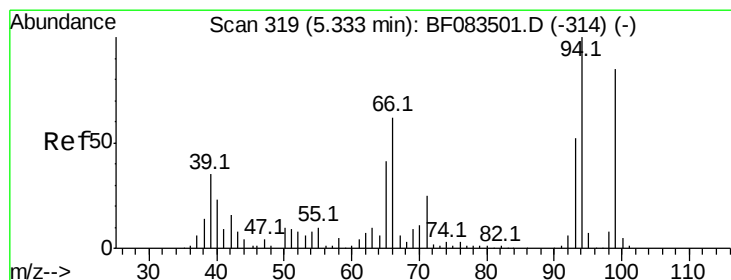
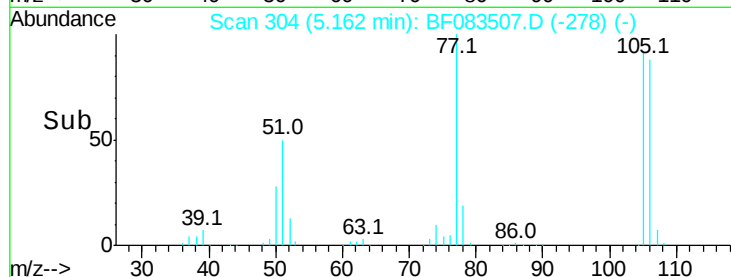
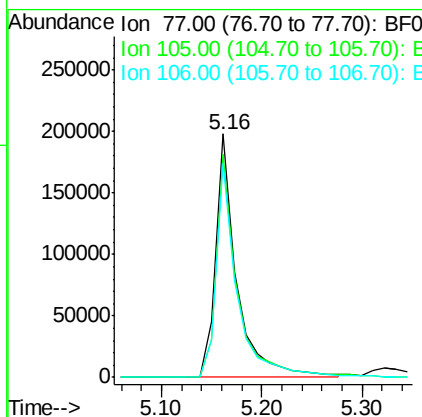
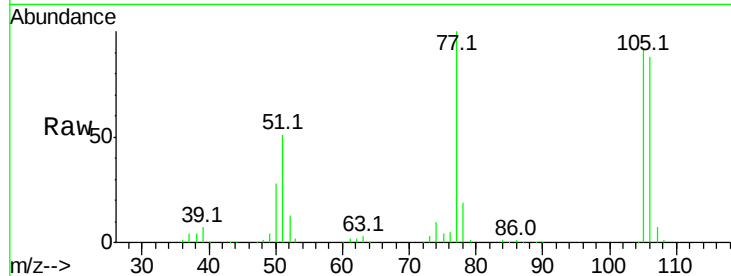
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	290444
Ion Ratio	Lower	Upper	
77	100		
105	91.5	71.8	111.8
106	88.2	66.8	106.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#10

Phenol

Concen: 39.67 ng

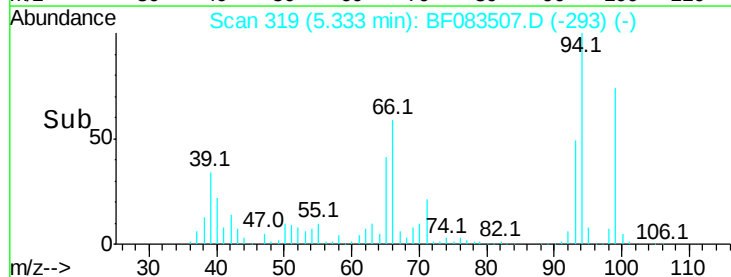
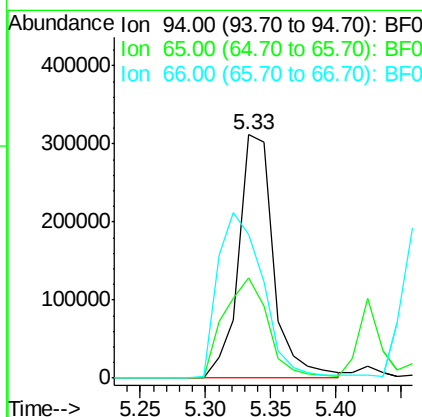
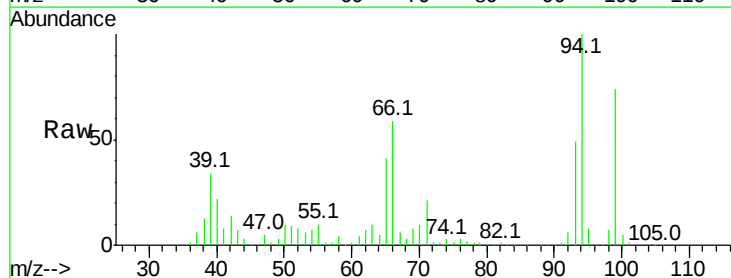
RT: 5.33 min Scan# 319

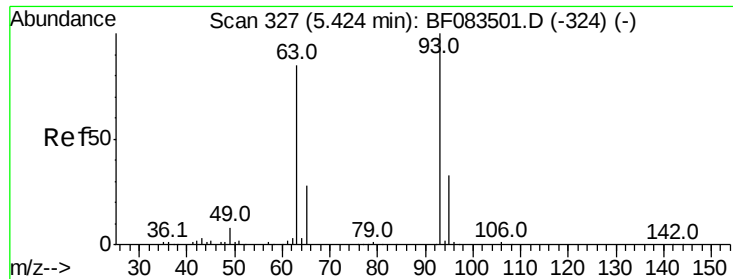
Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion:	94	Resp:	582383
Ion Ratio	Lower	Upper	
94	100		
65	41.1	20.9	60.9
66	59.0	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 37.86 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 411982

Ion Ratio Lower Upper

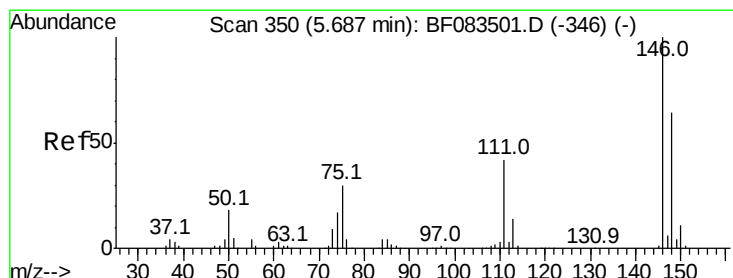
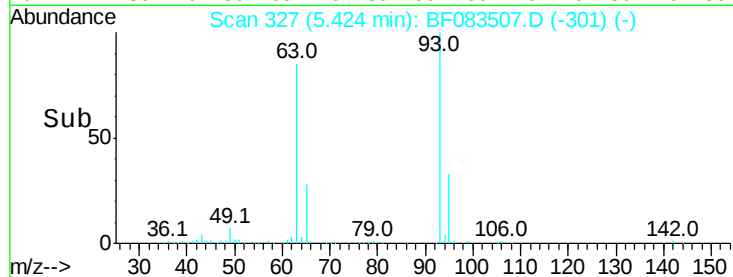
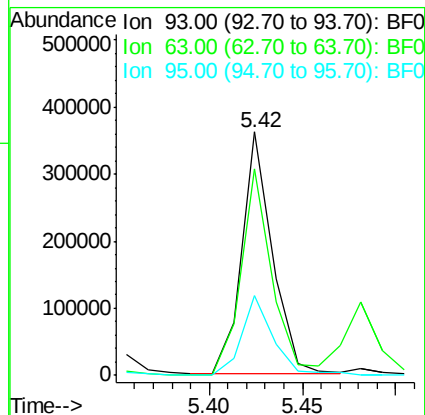
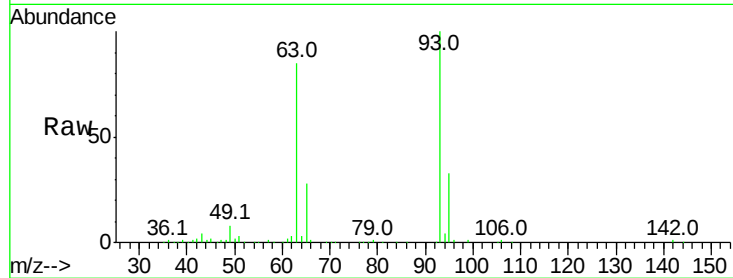
93 100

63 84.8 64.7 104.7

95 32.5 12.7 52.7

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#12

1,3-Dichlorobenzene

Concen: 40.49 ng

RT: 5.69 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

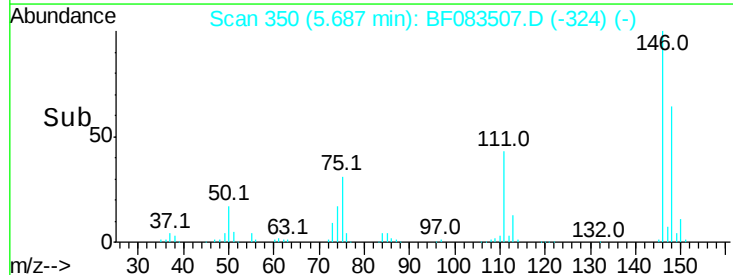
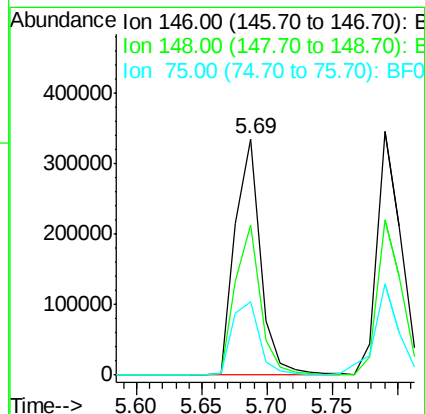
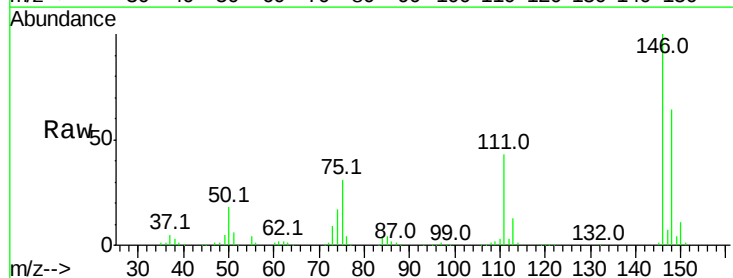
Tgt Ion: 146 Resp: 455013

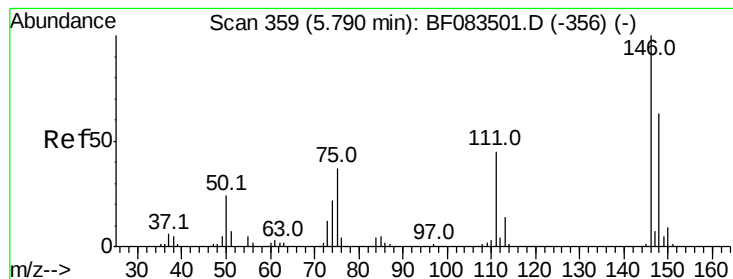
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

75 30.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.98 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

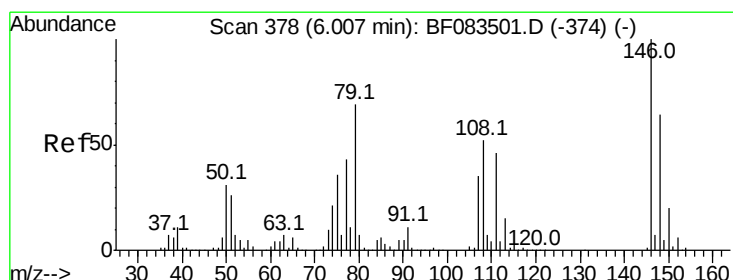
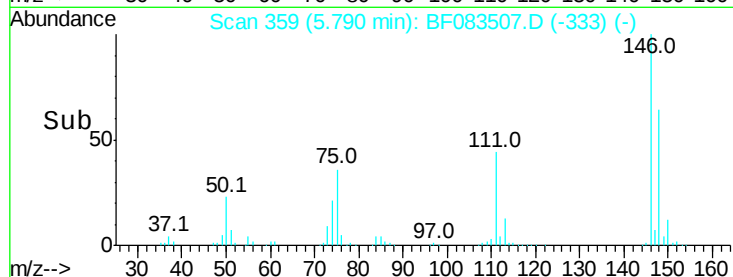
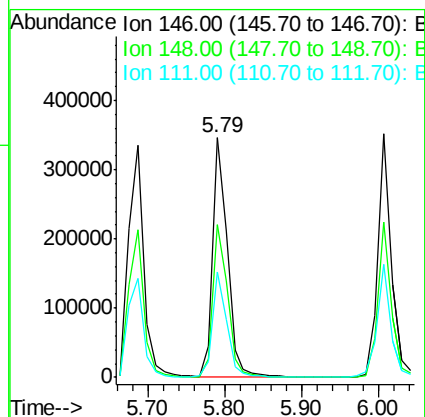
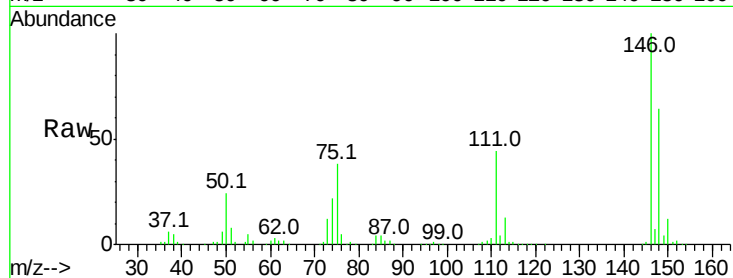
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	458826
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	43.8	36.1	54.1

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#14

1,2-Dichlorobenzene

Concen: 40.30 ng

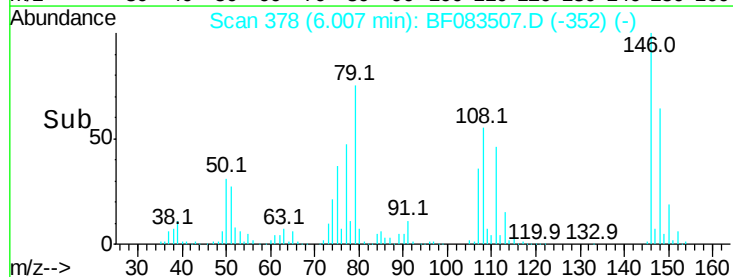
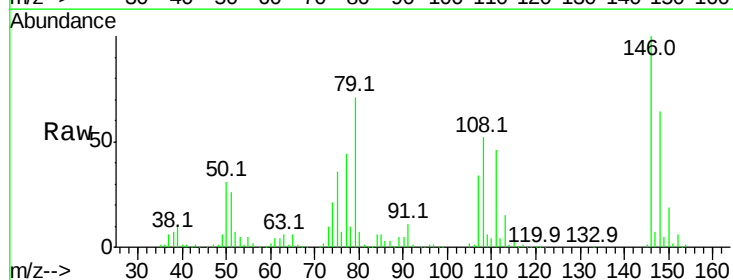
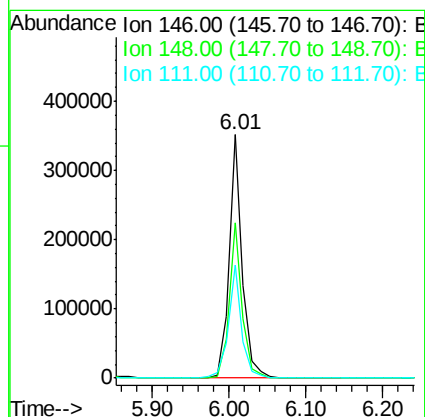
RT: 6.01 min Scan# 378

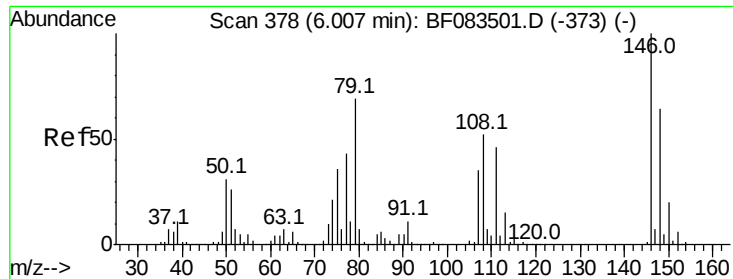
Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion:	146	Resp:	425257
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	46.2	36.7	55.1





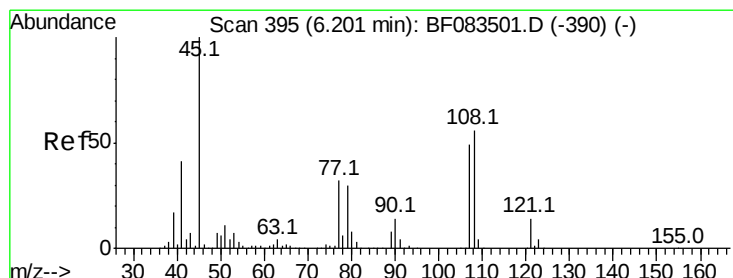
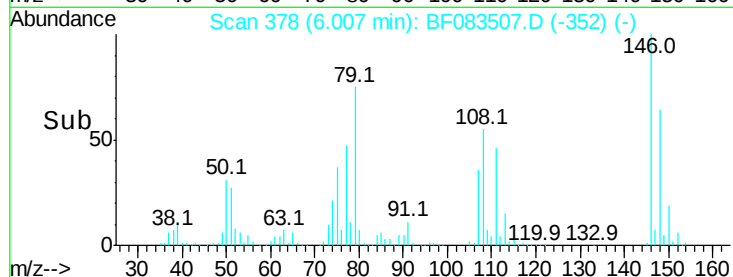
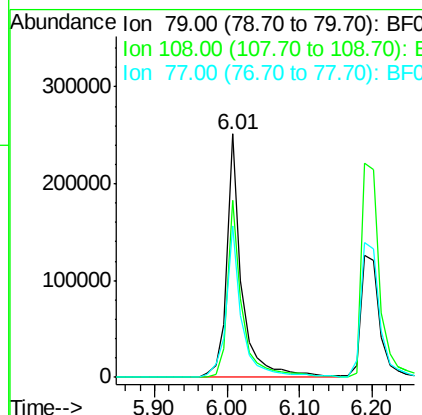
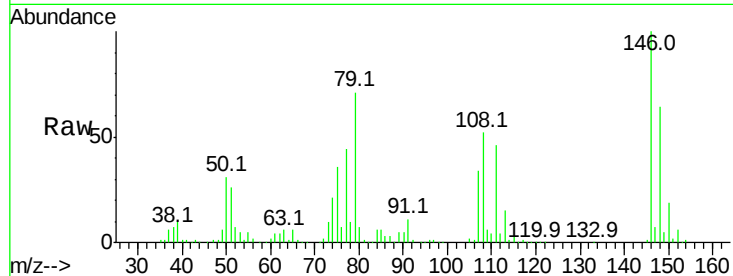
#15
Benzyl Alcohol
Concen: 41.87 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	59.6	89.4
77	62.0	49.8	74.6

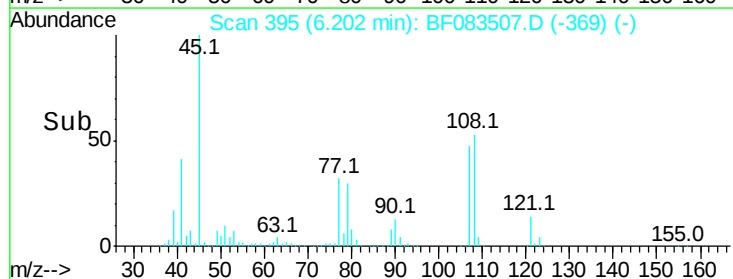
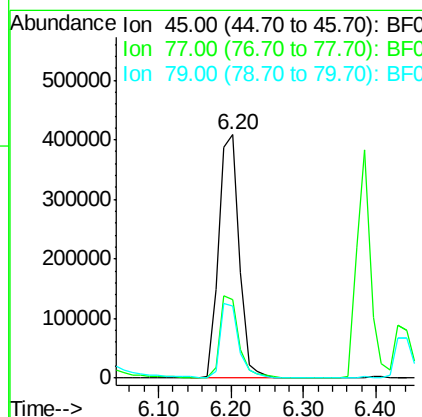
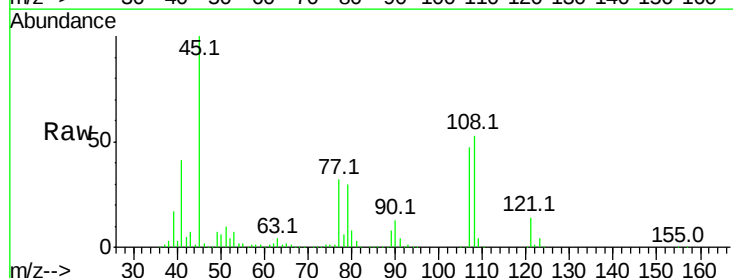
Manual Integrations
APPROVED

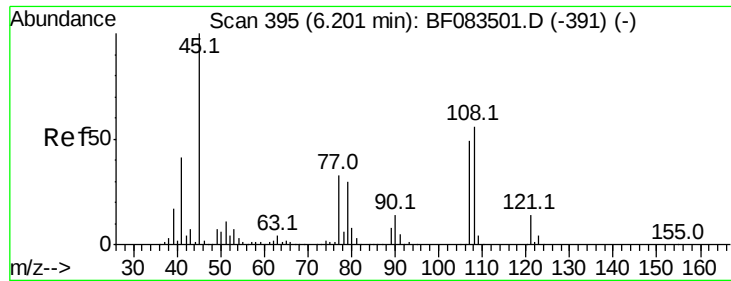
Mmdadoda
12/7/2015 6:30:52 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.77 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.4	12.8	52.8
79	29.5	10.7	50.7





#17

2-Methylphenol

Concen: 39.40 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 329465

Ion Ratio Lower Upper

107 100

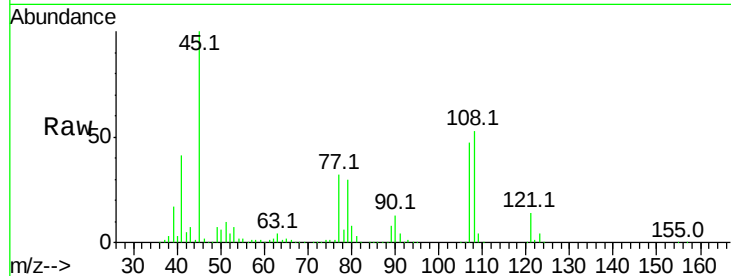
108 112.8 91.6 137.4

77 69.5 53.7 80.5

79 63.4 50.2 75.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM

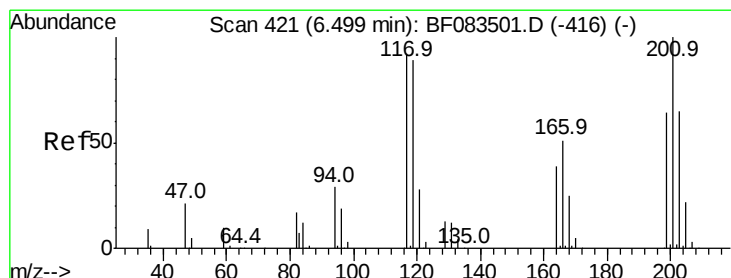
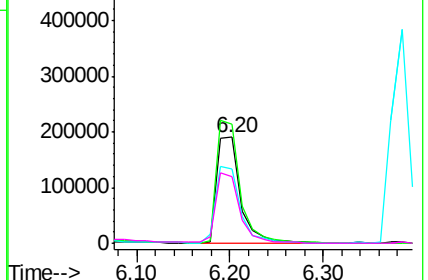
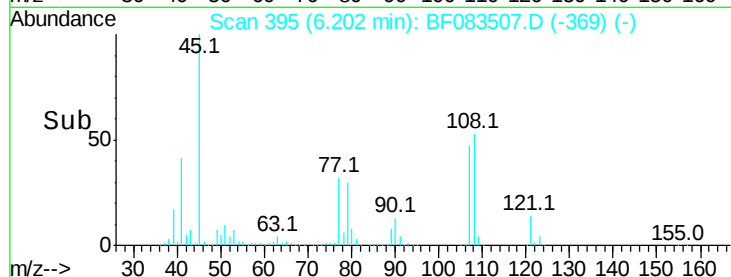


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.21 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

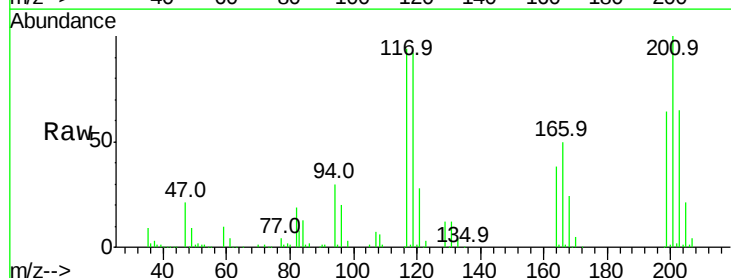
Tgt Ion:117 Resp: 161062

Ion Ratio Lower Upper

117 100

119 98.7 77.2 115.8

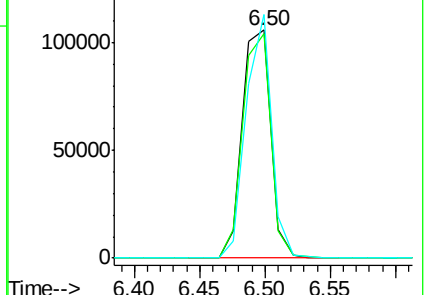
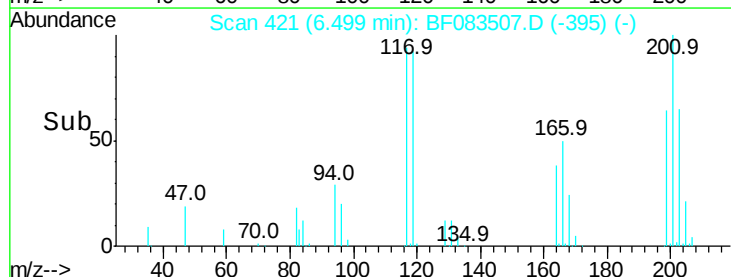
201 106.8 86.8 130.2

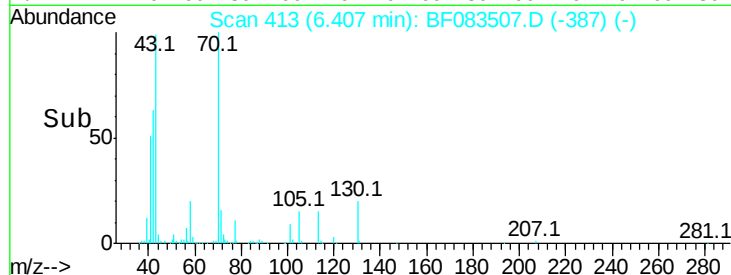
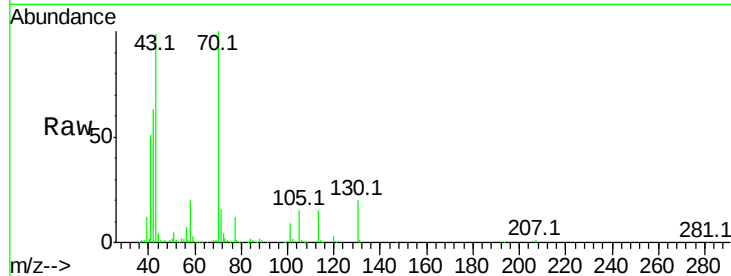
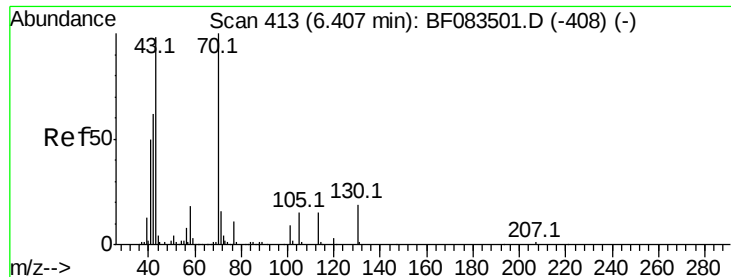


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.63 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 331889

Ion Ratio Lower Upper

70 100

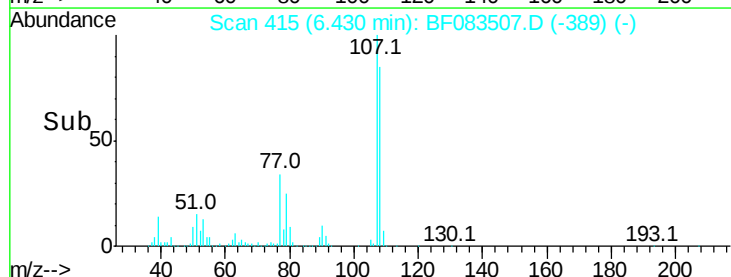
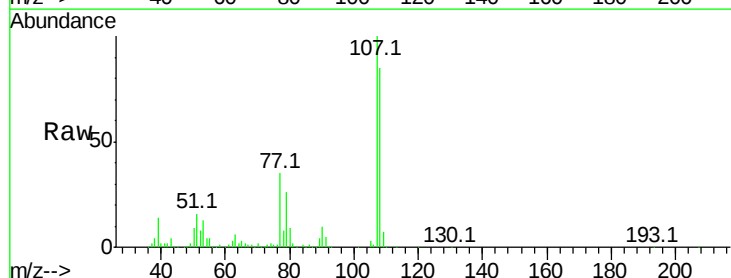
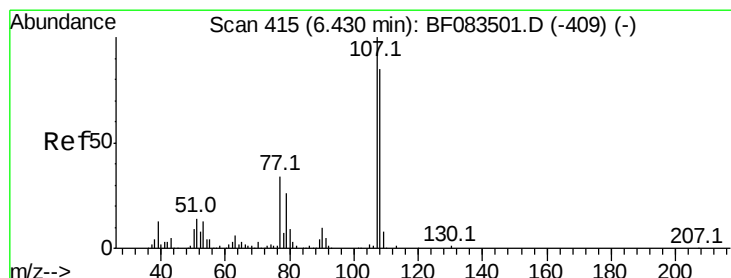
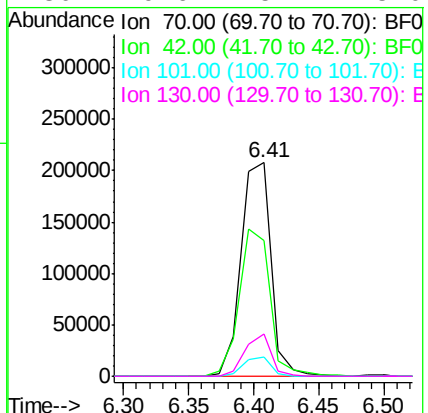
42 63.3 49.2 73.8

101 9.1 7.1 10.7

130 19.6 15.4 23.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#20

3+4-Methylphenols

Concen: 40.68 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion: 107 Resp: 441916

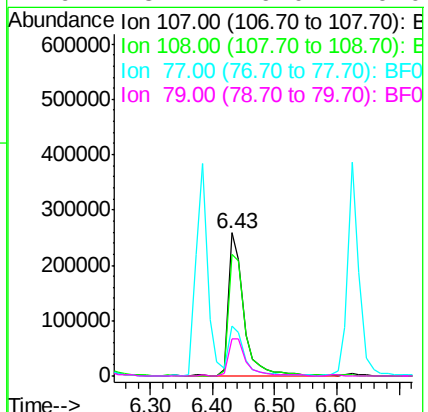
Ion Ratio Lower Upper

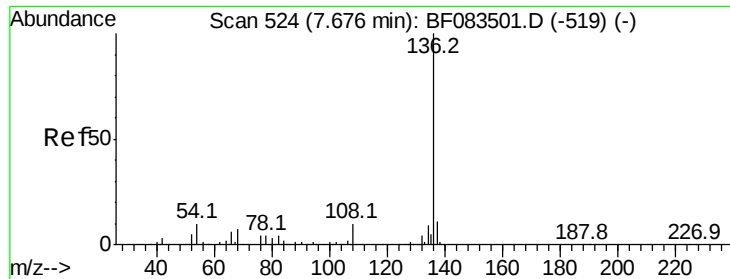
107 100

108 84.8 65.2 105.2

77 34.6 15.2 55.2

79 25.7 6.0 46.0





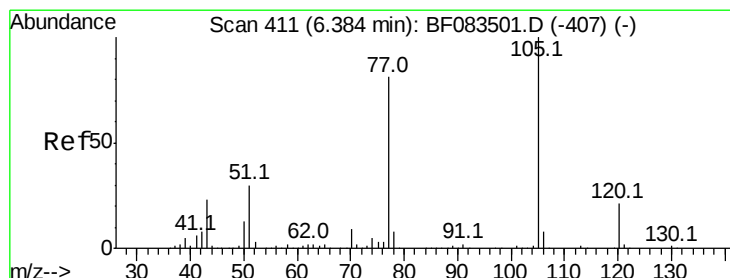
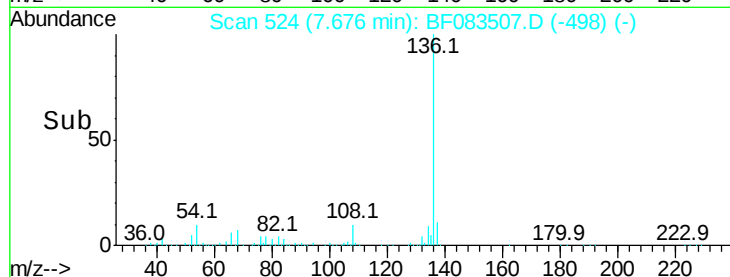
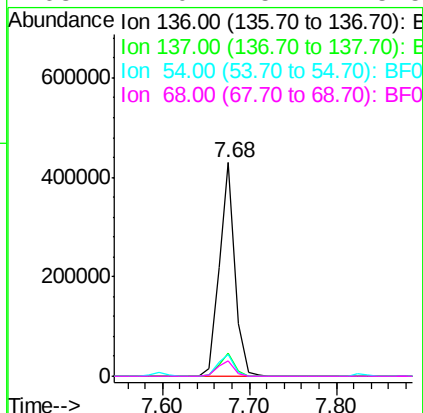
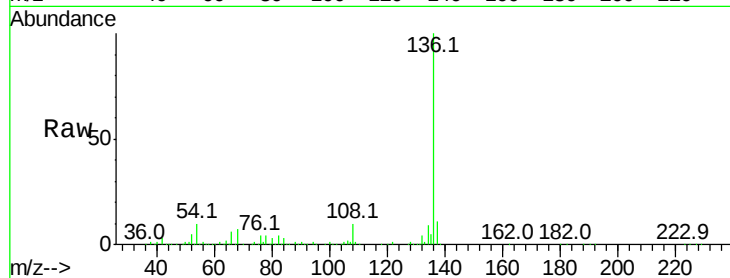
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	10.1	7.8	11.6	
68	7.0	5.7	8.5	

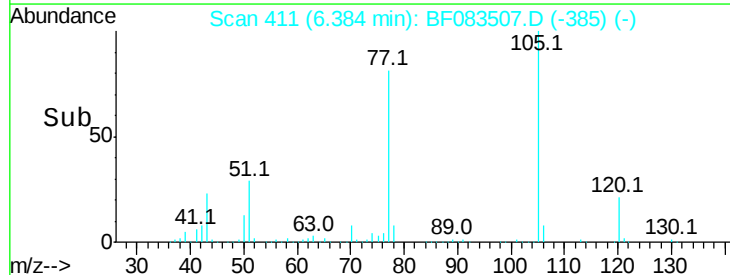
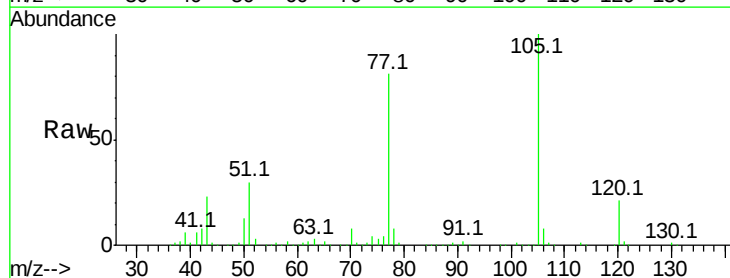
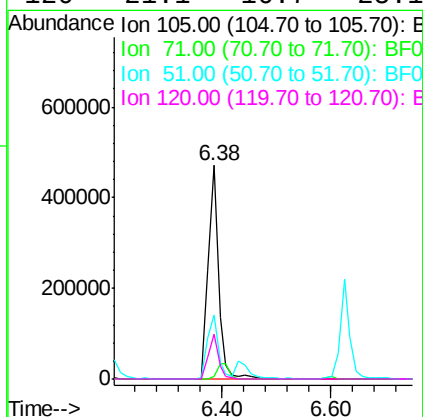
Manual Integrations
APPROVED

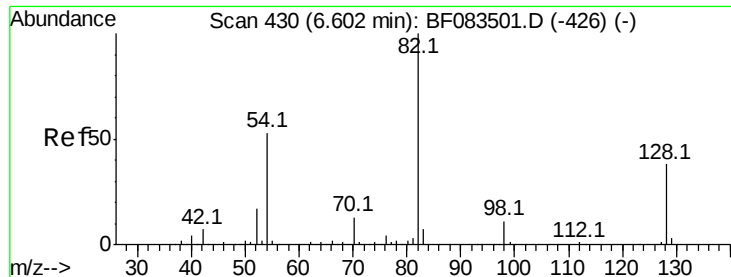
Mmdadoda
12/7/2015 6:30:52 PM



#22
Acetophenone
Concen: 40.68 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	1.3	1.9	
51	29.7	23.8	35.8	
120	21.1	16.7	25.1	





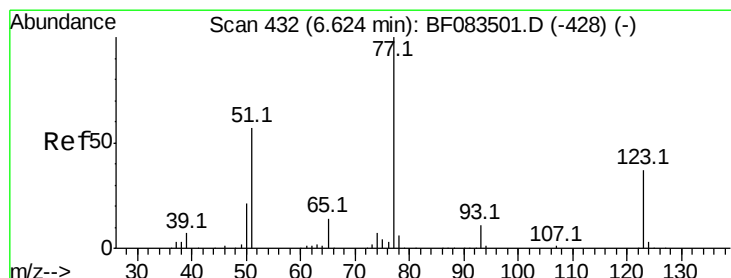
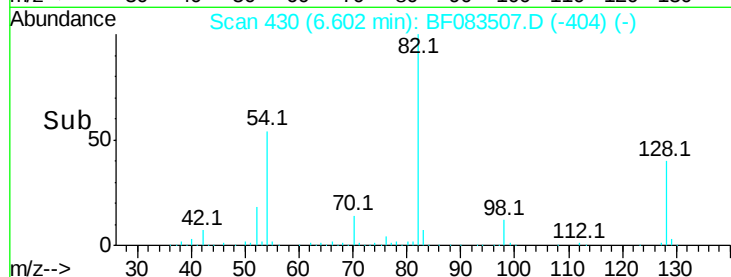
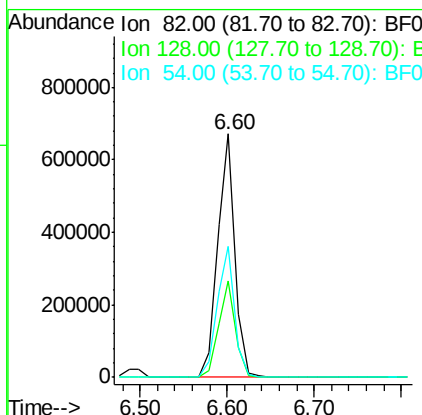
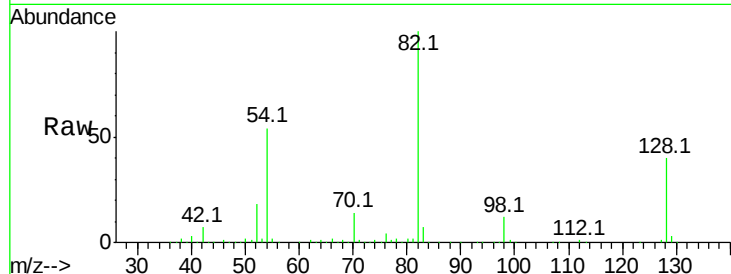
#23
 Nitrobenzene-d5
 Concen: 80.95 ng
 RT: 6.60 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	30.7	46.1	
54	53.9	42.5	63.7	

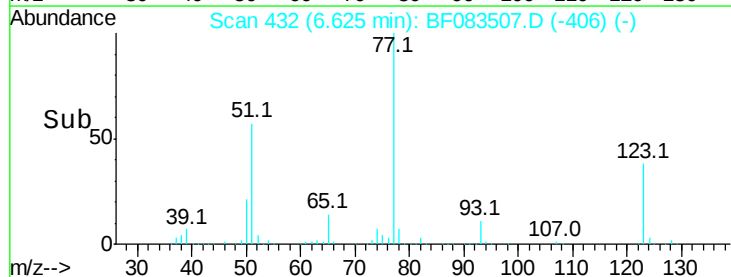
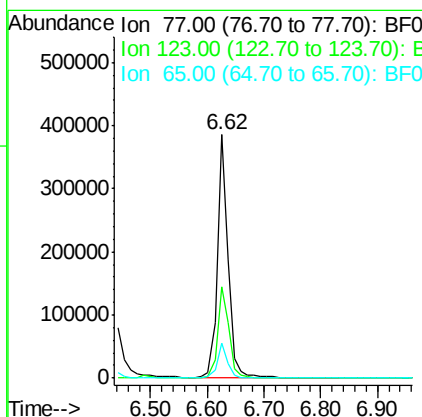
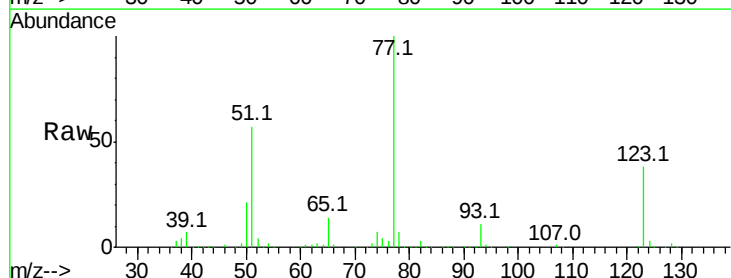
Manual Integrations
 APPROVED

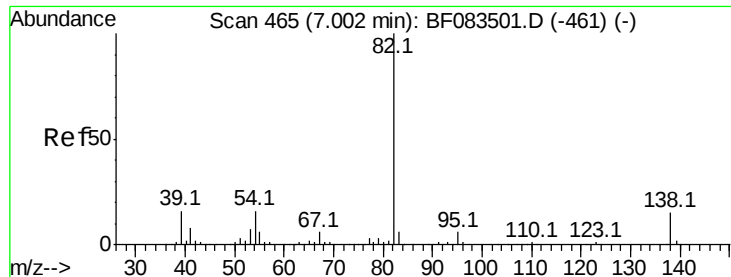
Mmdadoda
 12/7/2015 6:30:52 PM



#24
 Nitrobenzene
 Concen: 39.53 ng
 RT: 6.62 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.7	29.8	44.6	
65	14.4	11.1	16.7	





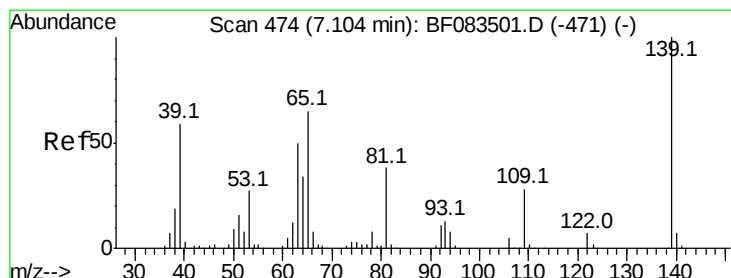
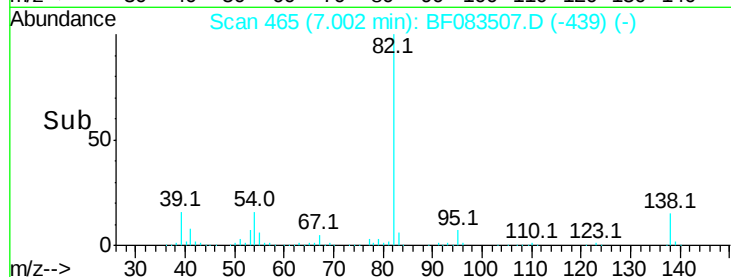
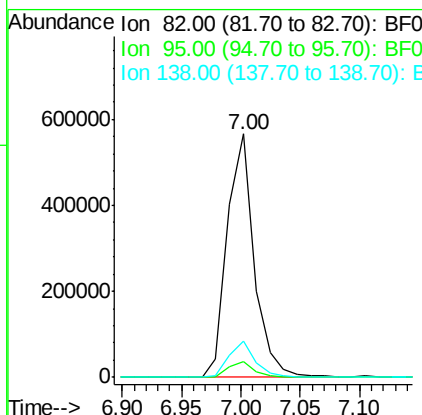
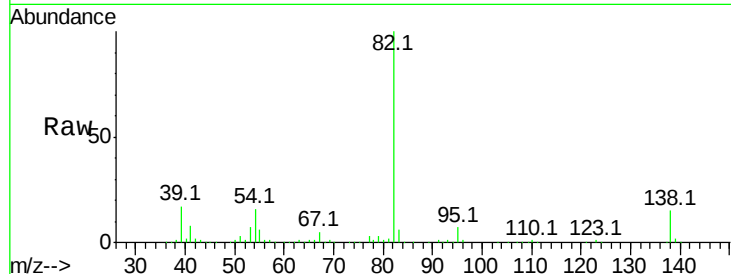
#25
Isophorone
Concen: 40.46 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.0	7.4	
138	15.0	12.1	18.1	

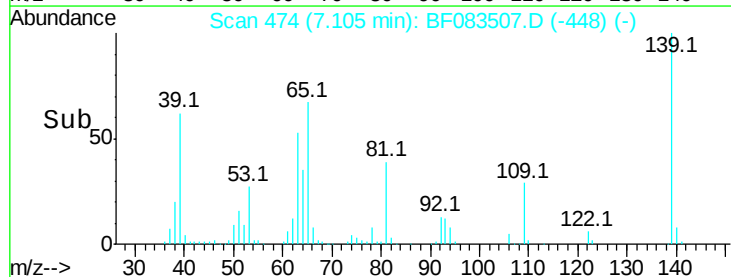
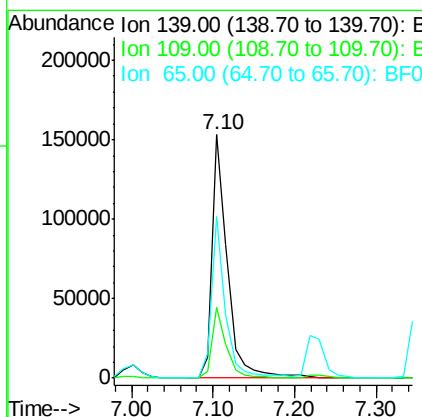
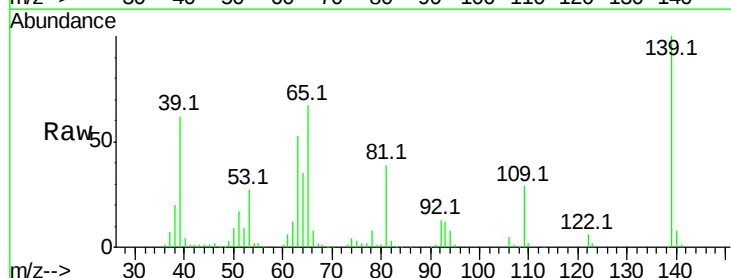
Manual Integrations
APPROVED

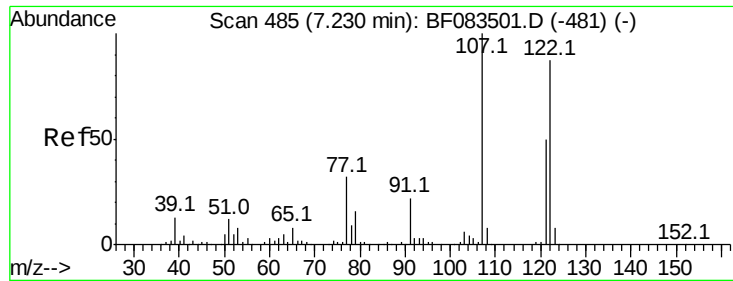
Mmdadoda
12/7/2015 6:30:52 PM



#26
2-Nitrophenol
Concen: 40.48 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.9	22.7	34.1	
65	66.6	51.8	77.8	





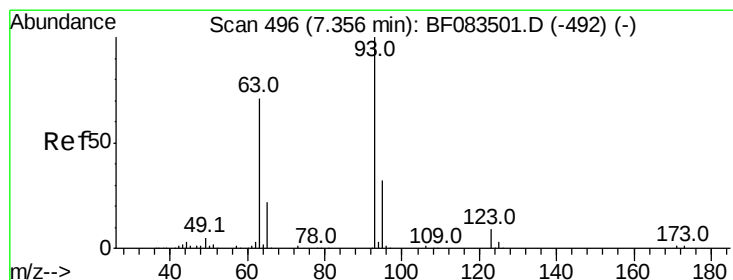
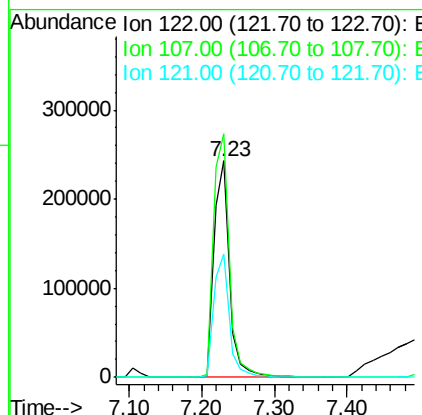
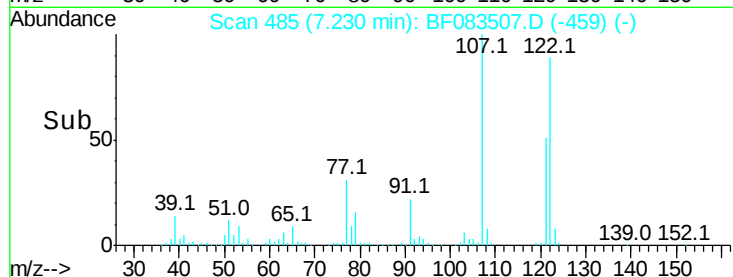
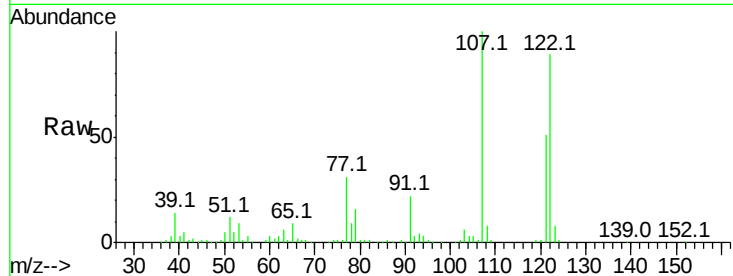
#27
2,4-Dimethylphenol
Concen: 40.62 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	359391		
107	112.6	92.4	138.6	
121	57.0	45.8	68.6	

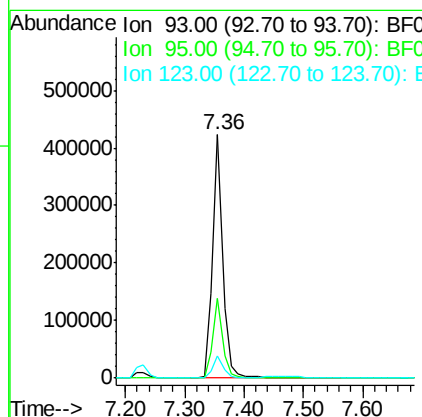
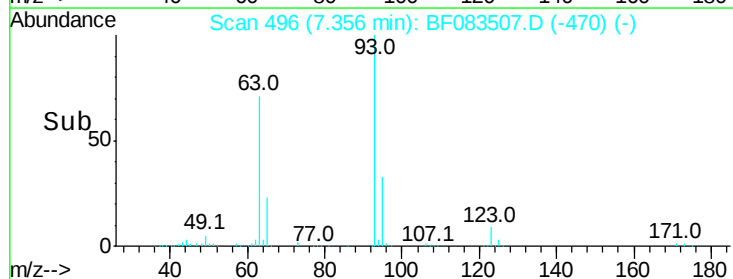
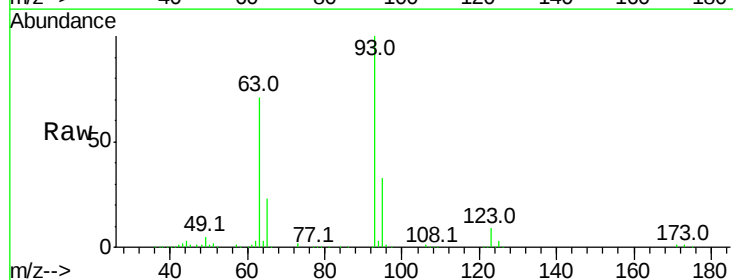
Manual Integrations
APPROVED

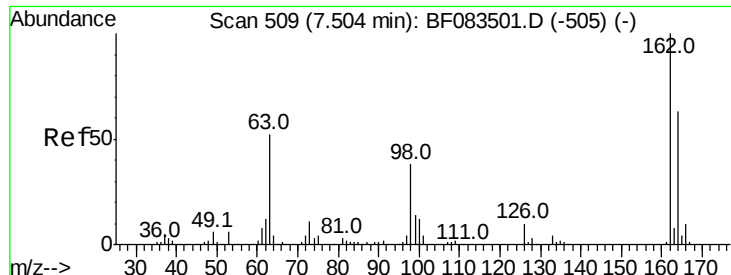
Mmdadoda
12/7/2015 6:30:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.97 ng
RT: 7.36 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	505239		
95	32.6	25.6	38.4	
123	9.3	7.3	10.9	





#29

2,4-Dichlorophenol

Concen: 41.47 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

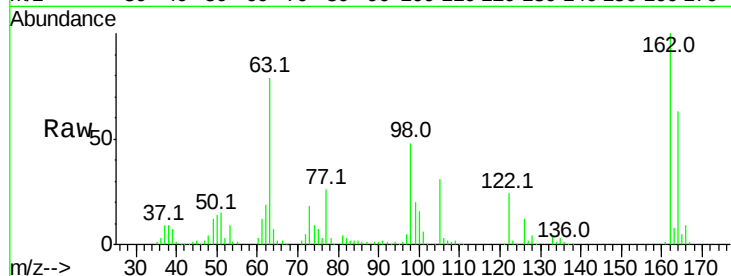
ClientSampleId :

SSTDCCC040

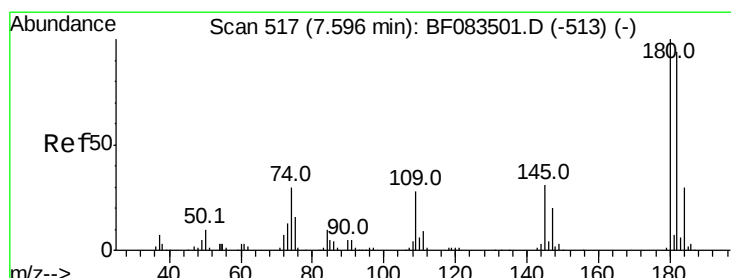
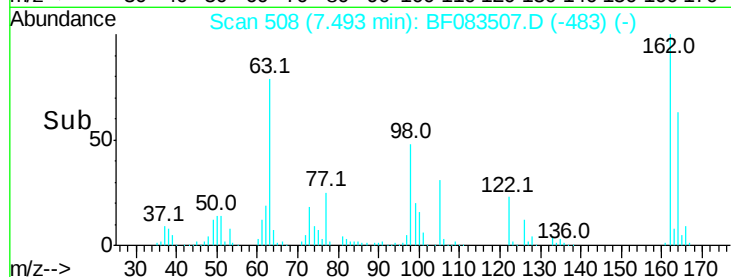
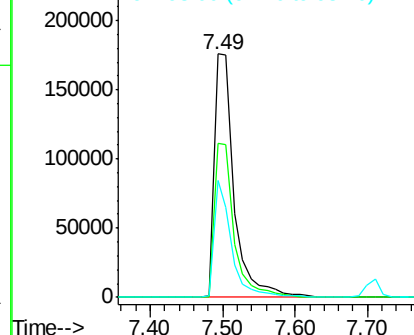
Tot Ion:	162	Resp:	331322
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.4	83.4
98	48.2	17.5	57.5

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.60 ng

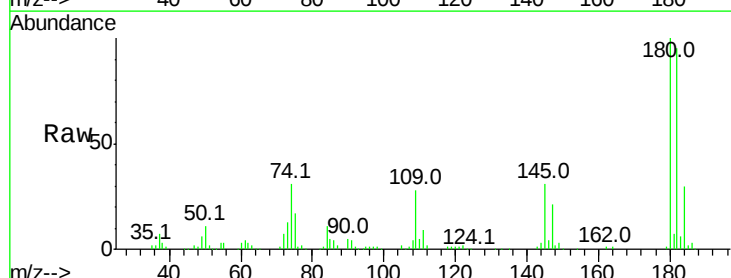
RT: 7.60 min Scan# 517

Delta R.T. 0.00 min

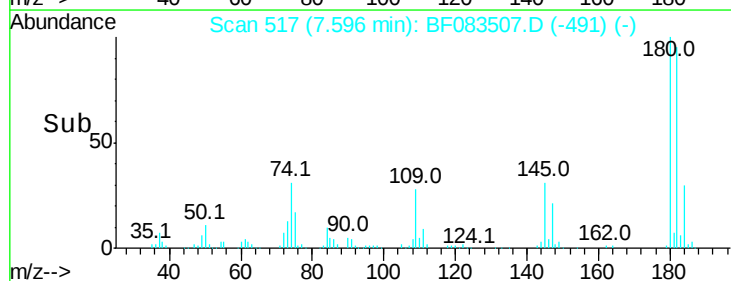
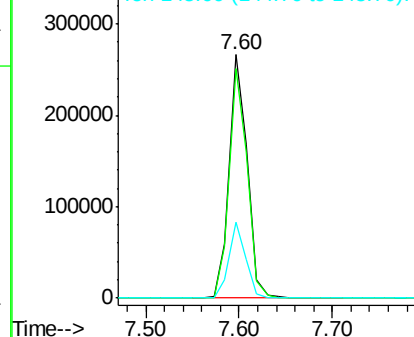
Lab File: BF083507.D

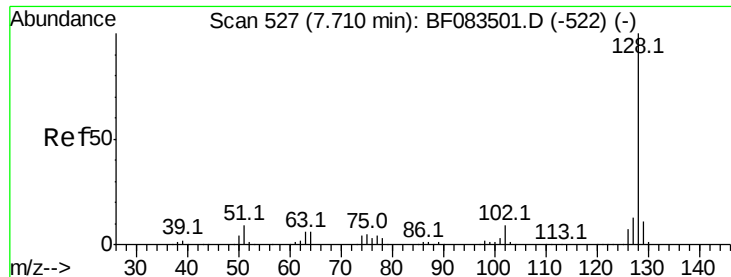
Acq: 5 Dec 2015 3:54

Tgt Ion:	180	Resp:	358667
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.9	112.3
145	31.0	24.7	37.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.57 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1163148

Ion Ratio Lower Upper

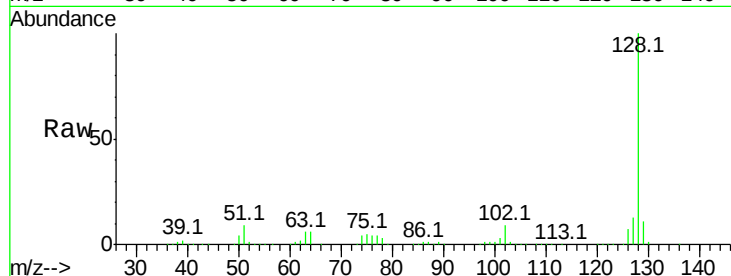
128 100

129 11.1 8.6 13.0

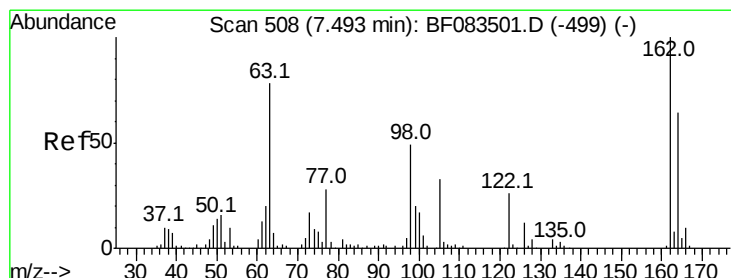
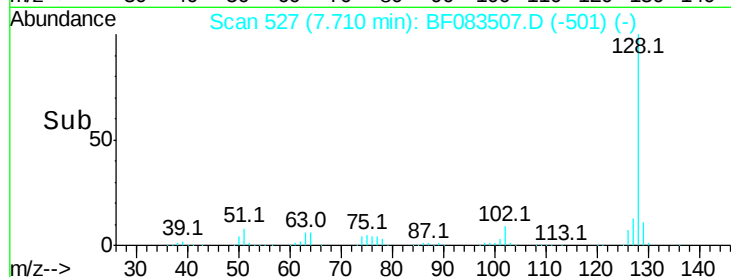
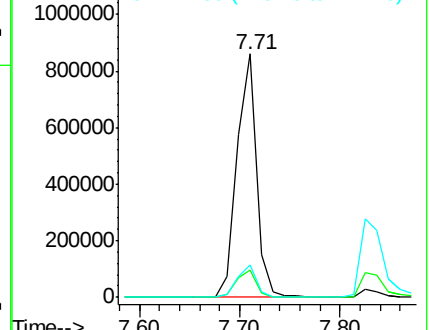
127 13.1 10.6 16.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 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: 33.71 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

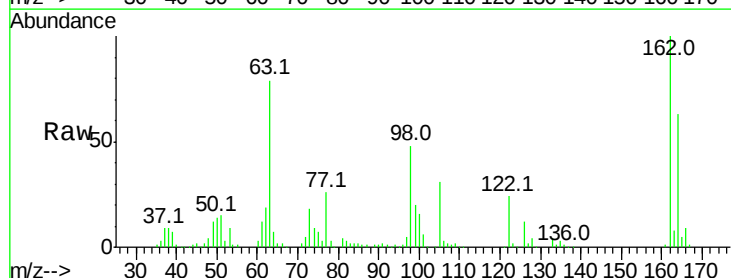
Tgt Ion:122 Resp: 162779

Ion Ratio Lower Upper

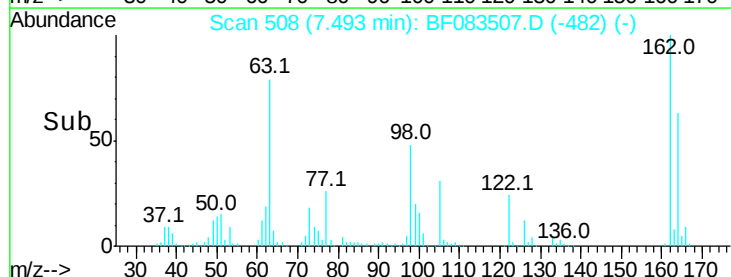
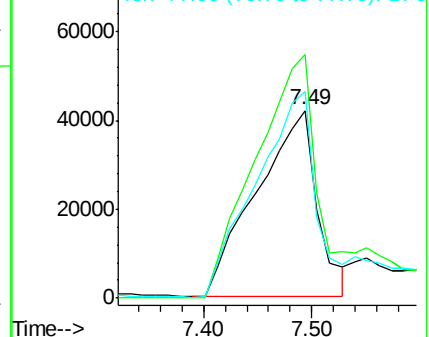
122 100

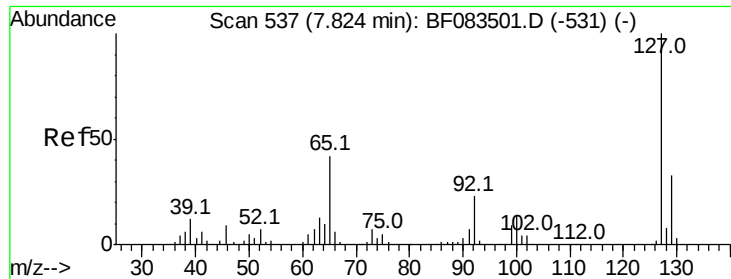
105 129.6 105.6 145.6

77 110.2 86.8 126.8



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





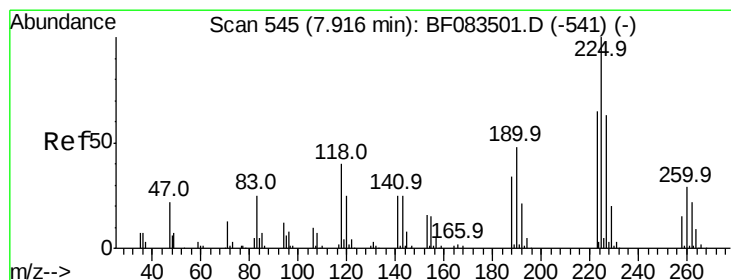
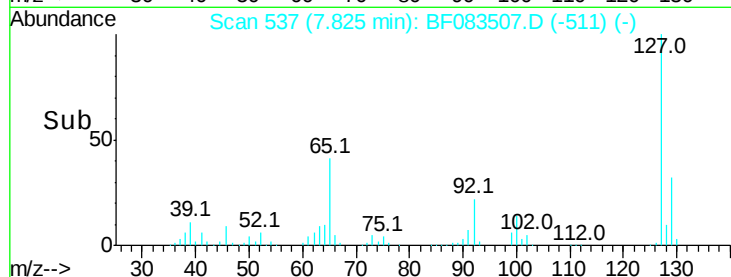
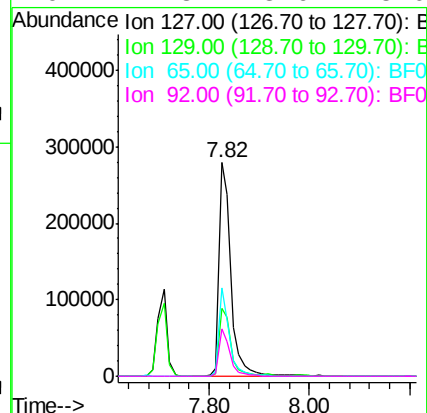
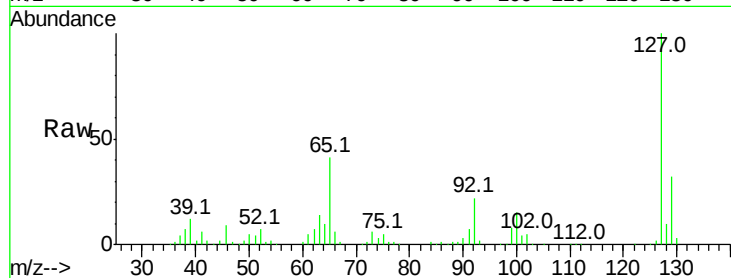
#33
4-Chloroaniline
Concen: 40.63 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
455687	127	100			
	129	31.8	26.1	39.1	
	65	41.1	33.5	50.3	
	92	22.3	18.6	28.0	

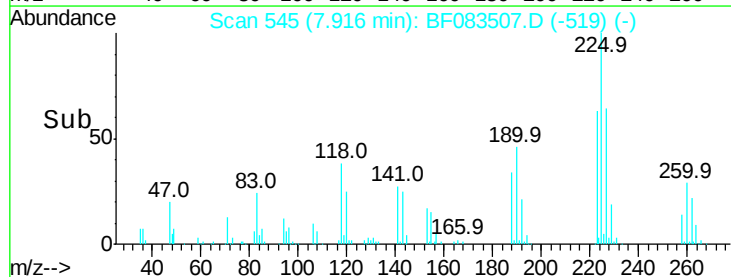
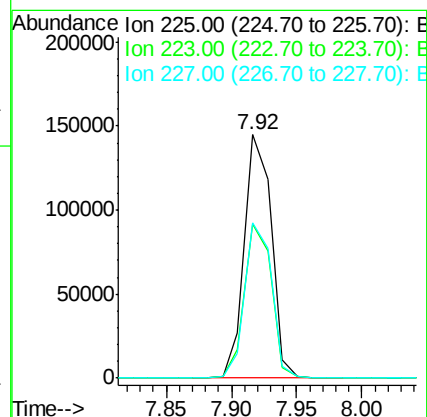
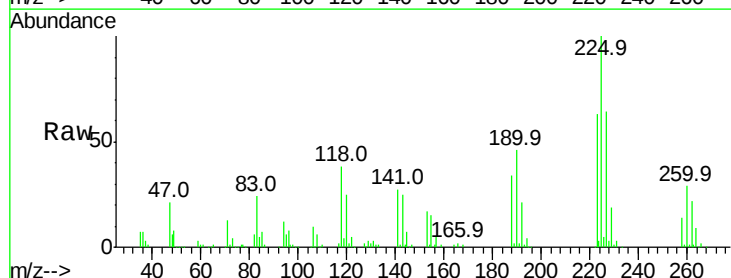
Manual Integrations
APPROVED

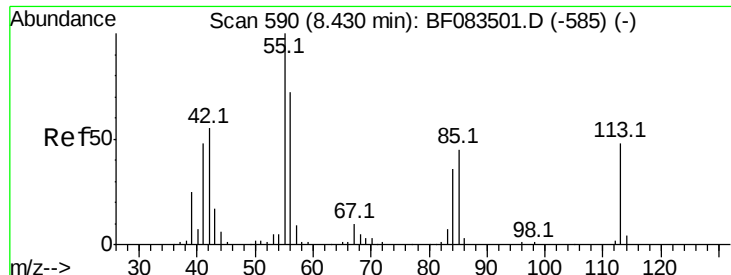
Mmdadoda
12/7/2015 6:30:52 PM



#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
208638	225	100			
	223	63.5	52.3	78.5	
	227	63.6	50.4	75.6	





#35

Caprolactam

Concen: 39.63 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

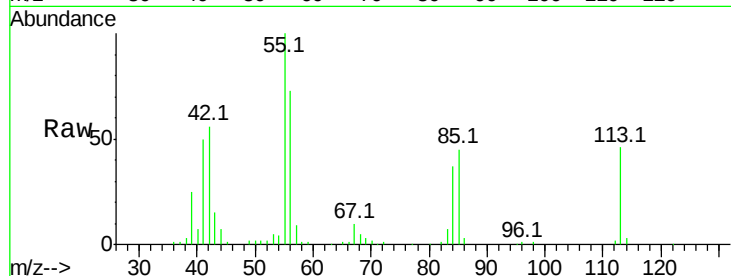
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	100705
Ion Ratio	Lower	Upper	
113	100		
55	219.4	189.7	229.7
56	159.4	130.7	170.7

Manual Integrations
APPROVED

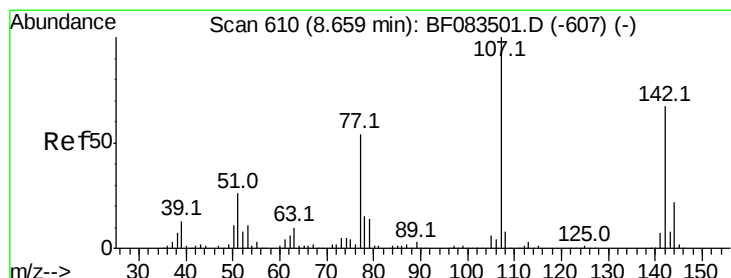
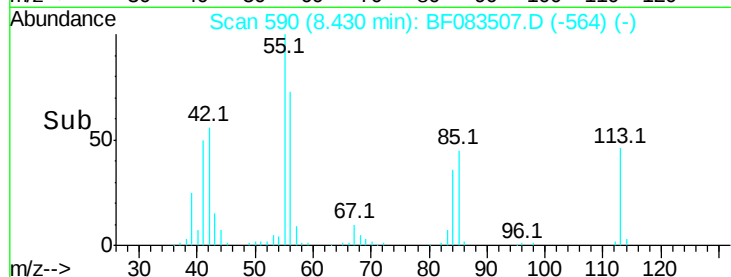
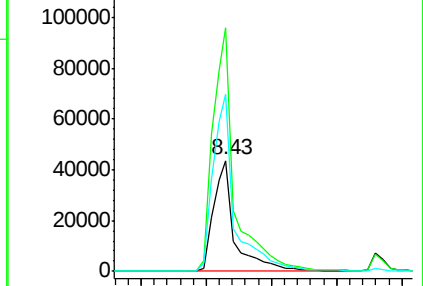
Mmdadoda
12/7/2015 6:30:52 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.25 ng

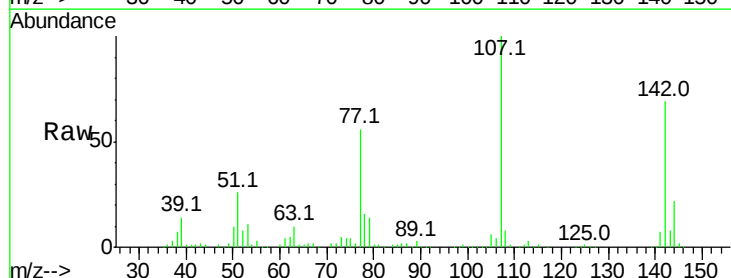
RT: 8.66 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

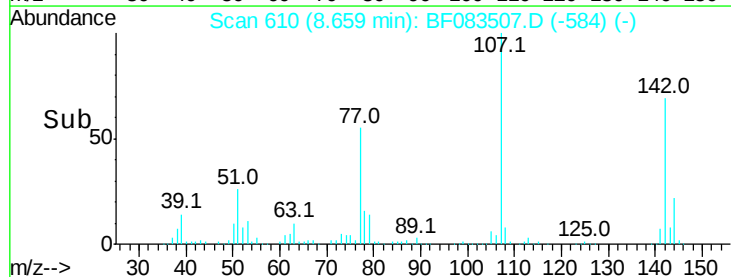
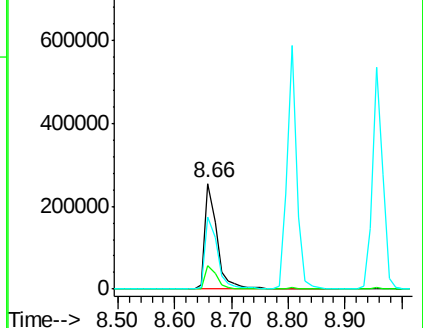
Tgt Ion:	107	Resp:	361898
Ion Ratio	Lower	Upper	
107	100		
144	21.8	17.5	26.3
142	68.7	53.6	80.4

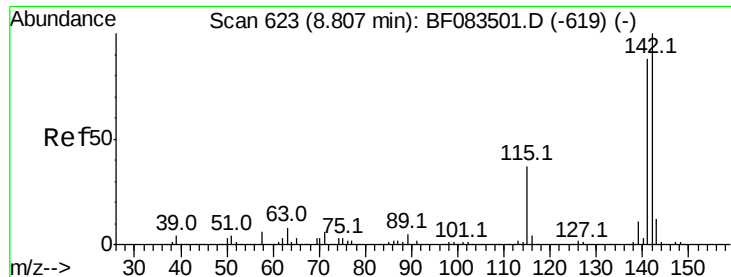


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





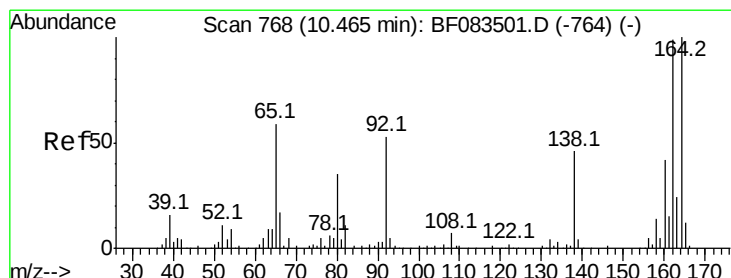
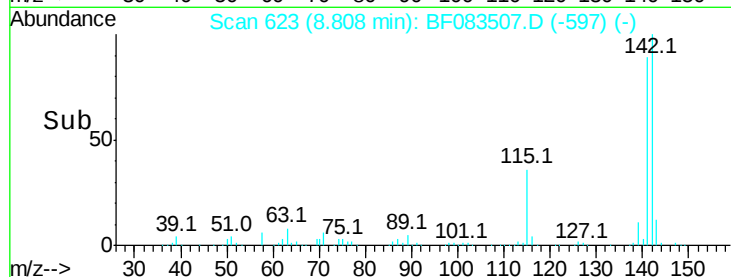
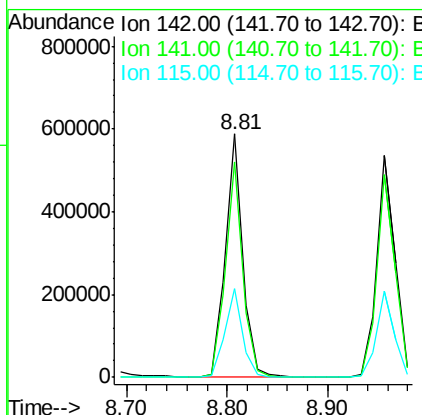
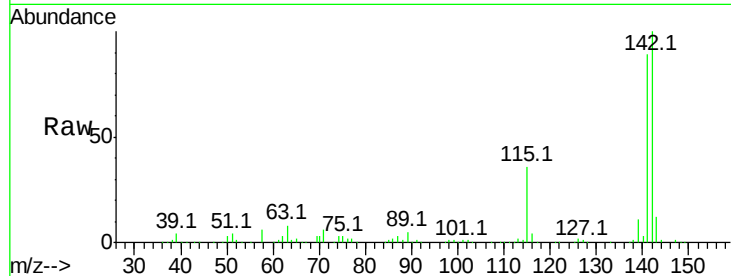
#37
 2-Methylnaphthalene
 Concen: 39.92 ng
 RT: 8.81 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	36.4	29.2	43.8

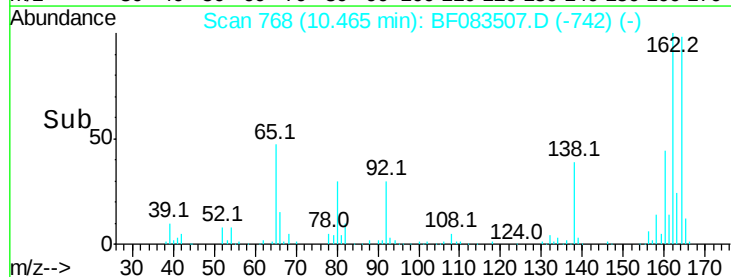
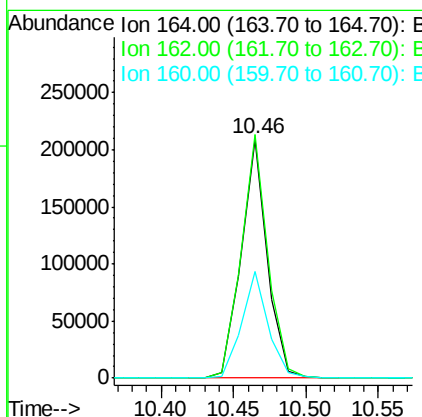
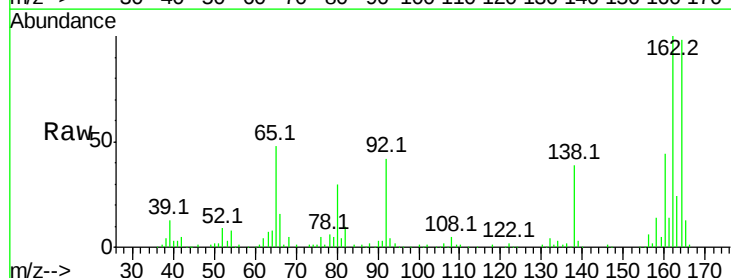
Manual Integrations
 APPROVED

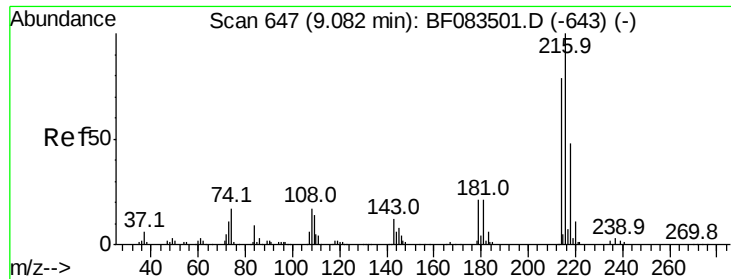
Mmdadoda
 12/7/2015 6:30:52 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	44.7	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.68 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 347109
Ion Ratio Lower Upper

216 100

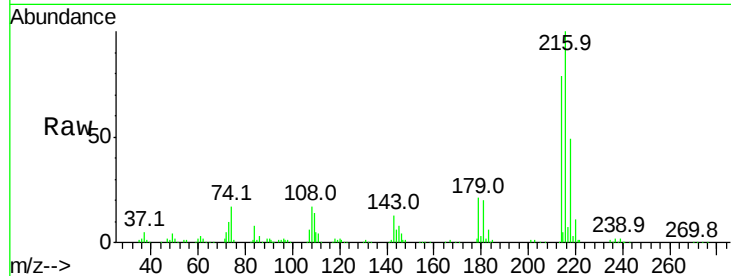
214 80.3 0.0 0.0#

179 21.4 0.0 0.0#

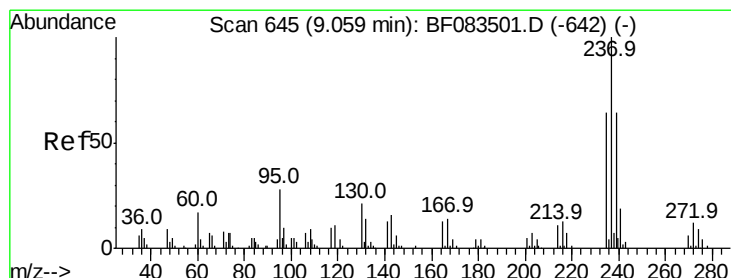
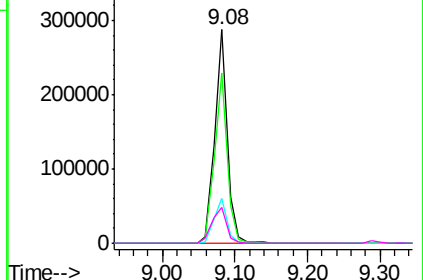
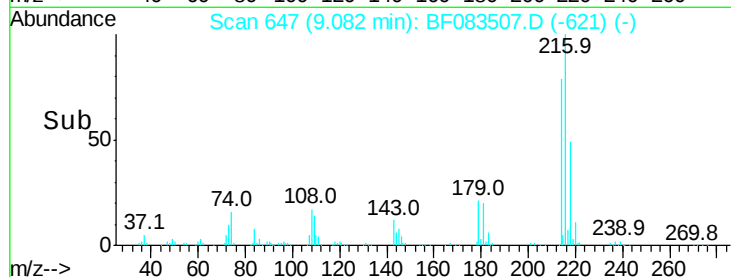
108 19.8 0.0 0.0#

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.80 ng

RT: 9.06 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF083507.D

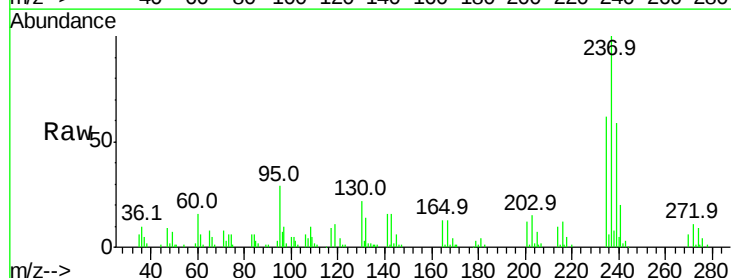
Acq: 5 Dec 2015 3:54

Tgt Ion:237 Resp: 109286
Ion Ratio Lower Upper

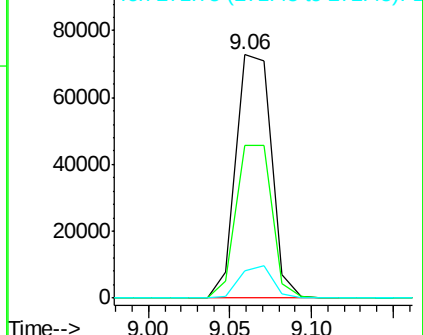
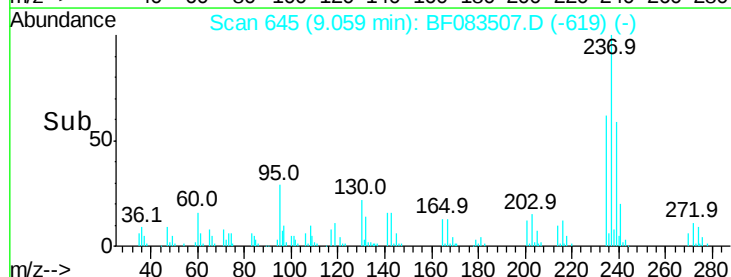
237 100

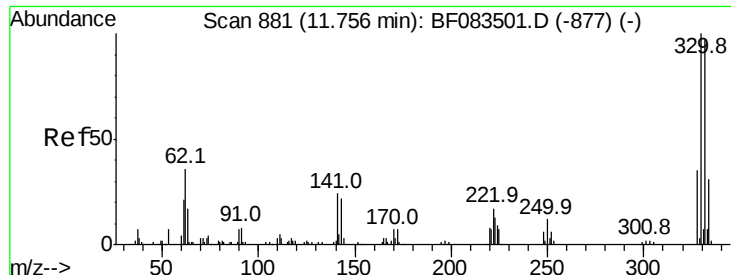
235 62.5 43.9 83.9

272 11.3 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





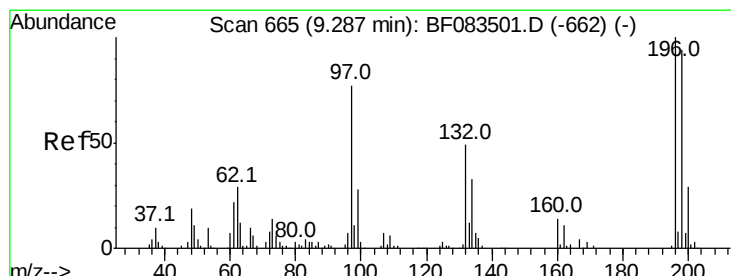
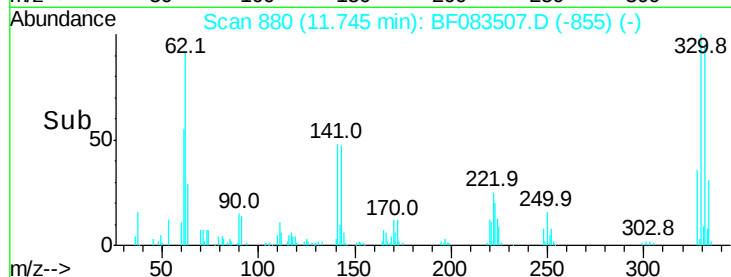
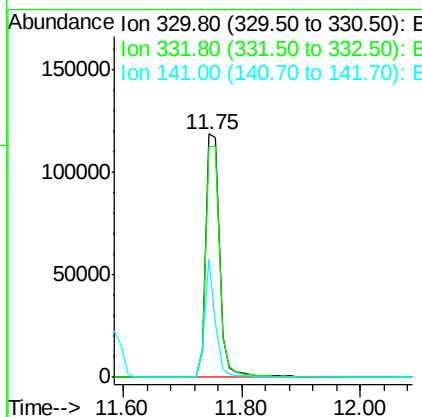
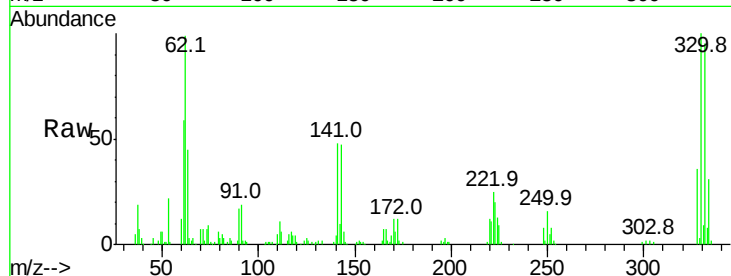
#41
 2,4,6-Tribromophenol
 Concen: 81.90 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196064		
332	96.0	0.0	0.0	0.0#
141	37.1	0.0	0.0	0.0#

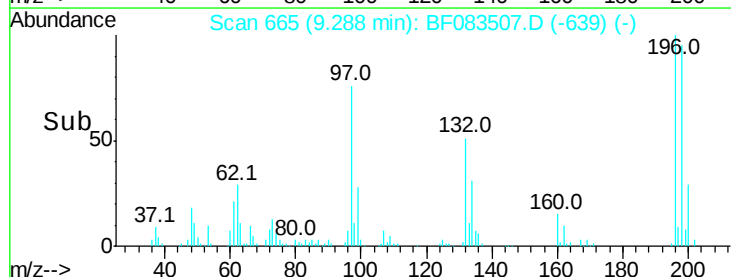
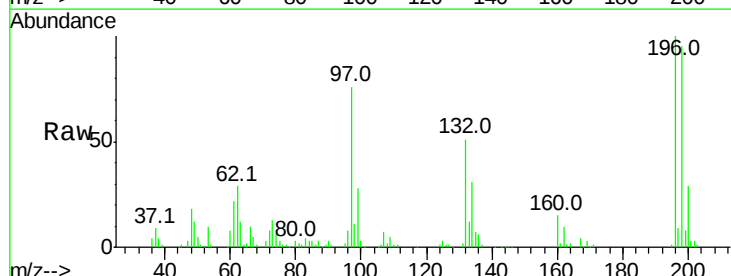
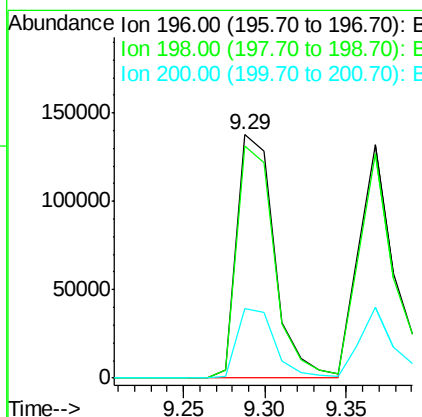
Manual Integrations
 APPROVED

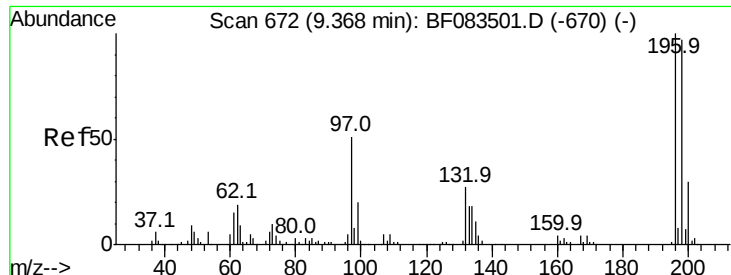
Mmdadoda
 12/7/2015 6:30:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.05 ng
 RT: 9.29 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219959		
198	95.4	75.2	112.8	
200	28.6	23.0	34.6	





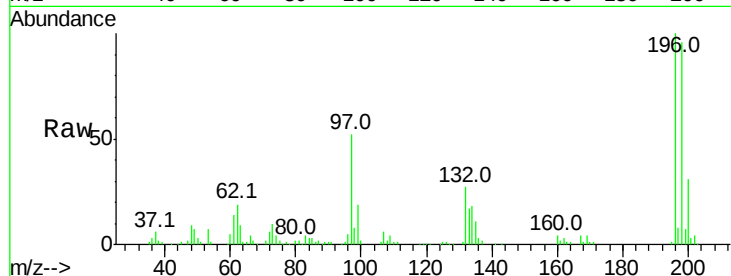
#43
 2,4,5-Trichlorophenol
 Concen: 40.16 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

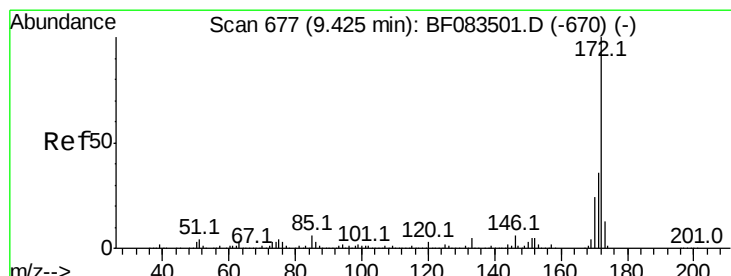
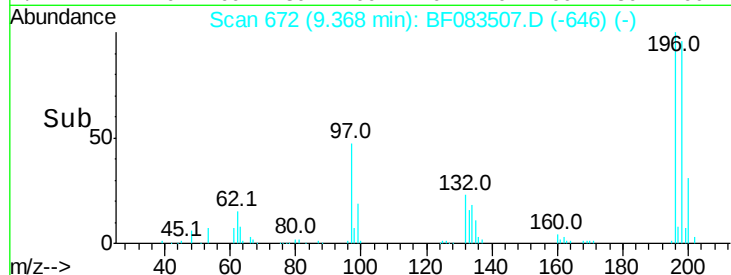
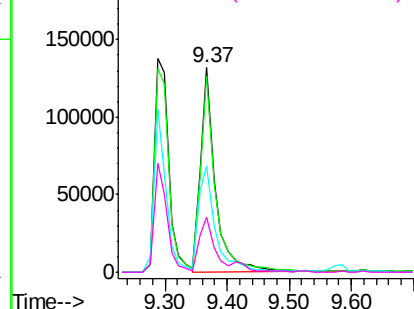
Tot Ion:	196	Resp:	221647
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.7	116.5
97	52.2	41.2	61.8
132	27.2	21.8	32.8

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:52 PM



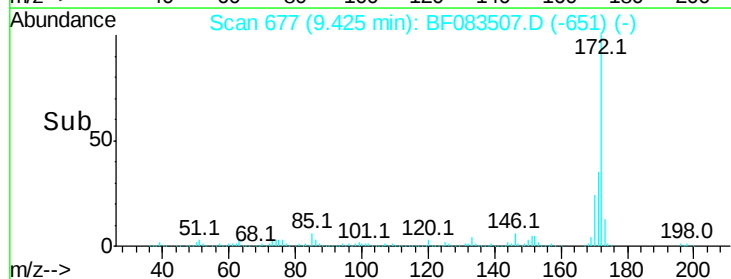
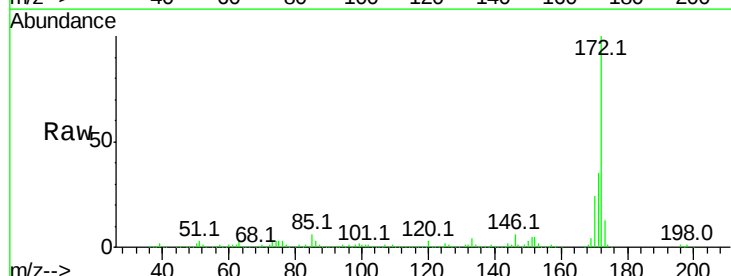
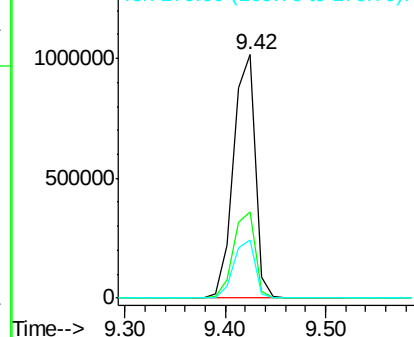
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

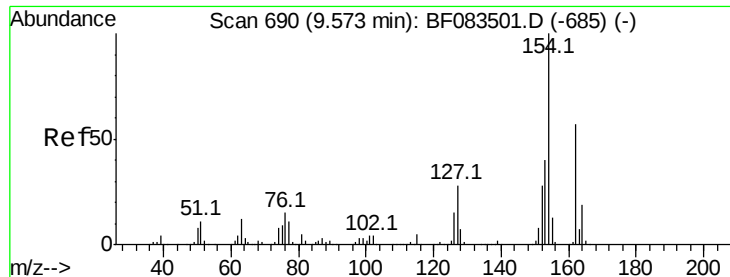


#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion:	172	Resp:	1534189
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	23.6	19.4	29.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.15 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

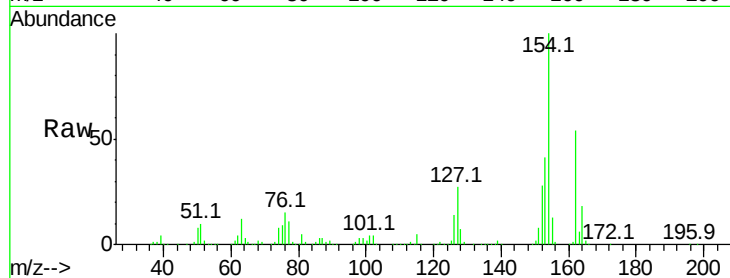
ClientSampleId :

SSTDCCC040

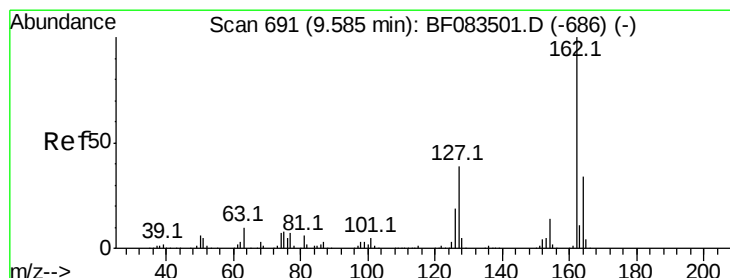
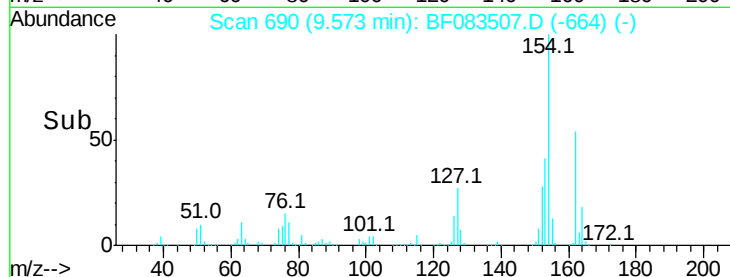
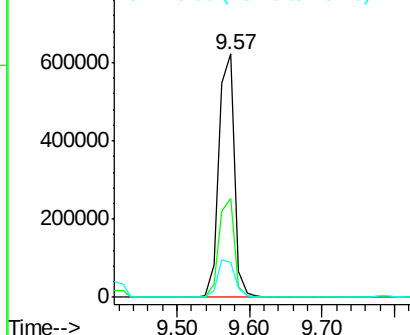
Tot Ion:	154	Resp:	925939
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.2	60.2
76	14.6	0.0	34.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



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



#46

2-Chloronaphthalene

Concen: 40.42 ng

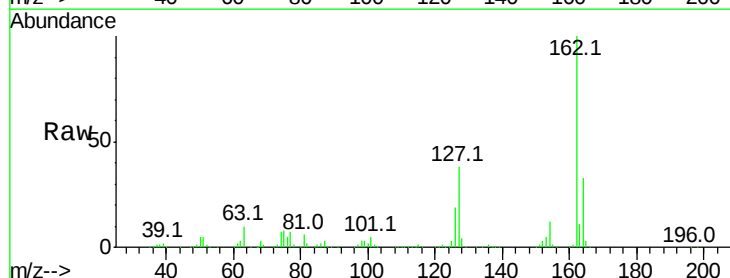
RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

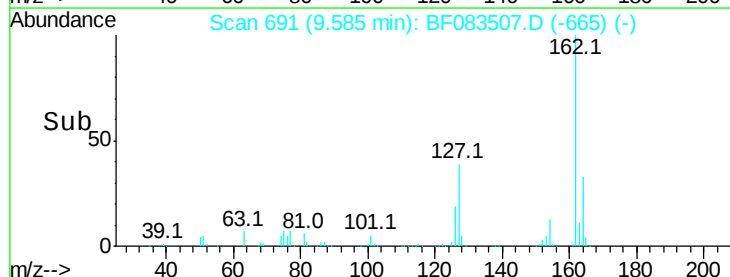
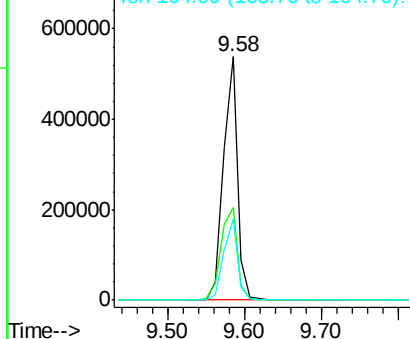
Lab File: BF083507.D

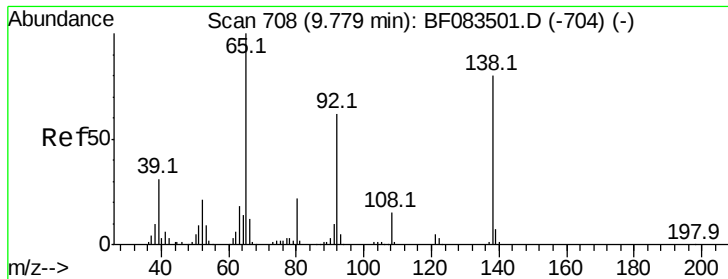
Acq: 5 Dec 2015 3:54

Tgt Ion:	162	Resp:	702518
Ion Ratio	Lower	Upper	
162	100		
127	38.2	31.0	46.4
164	33.0	27.4	41.0



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





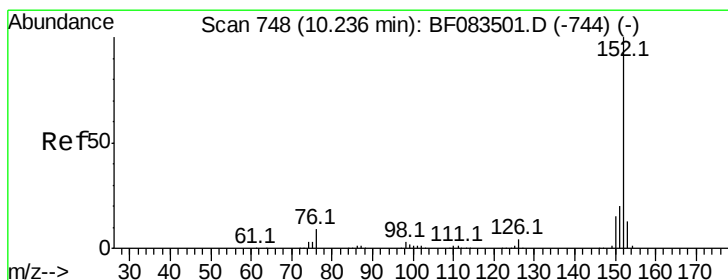
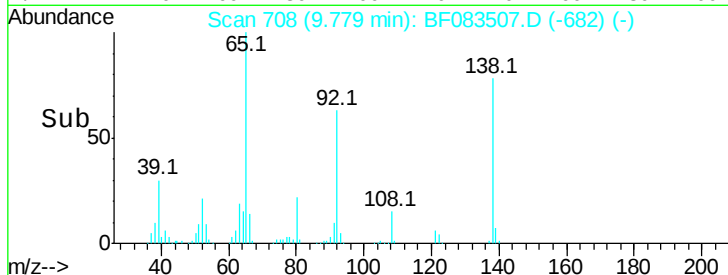
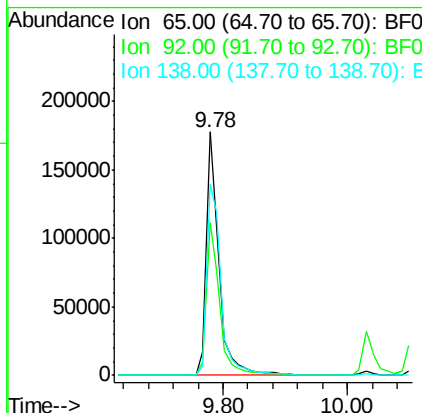
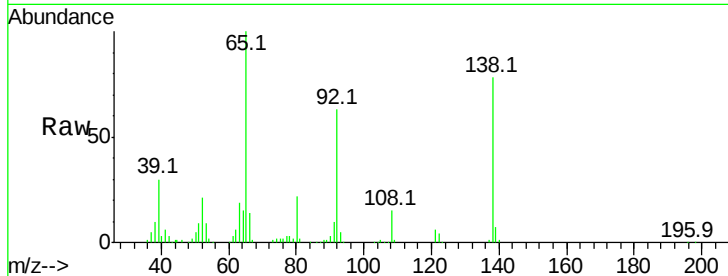
#47
2-Nitroaniline
Concen: 40.77 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.6	74.4
138	78.3	64.1	96.1

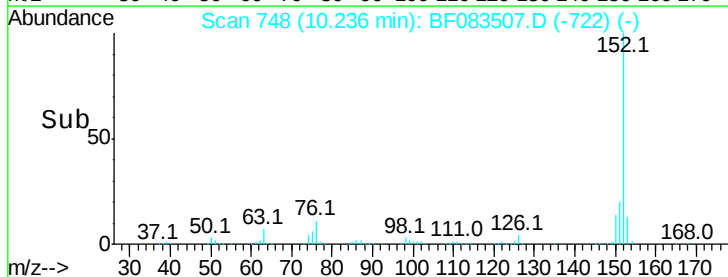
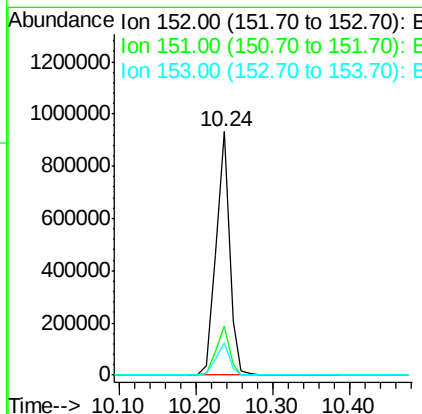
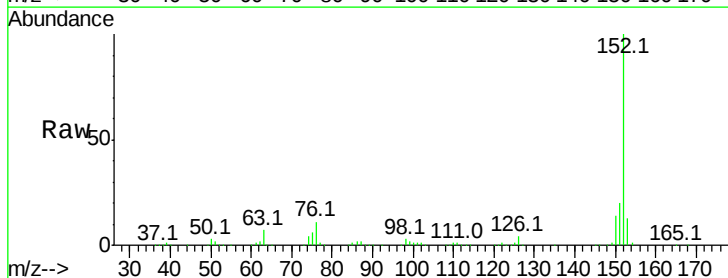
Manual Integrations
APPROVED

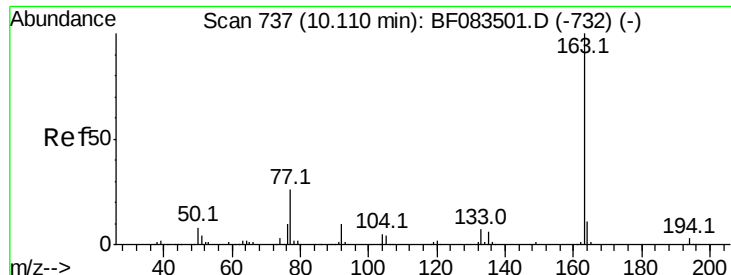
Mmdadoda
12/7/2015 6:30:52 PM



#48
Acenaphthylene
Concen: 40.08 ng
RT: 10.24 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.4	10.8	16.2





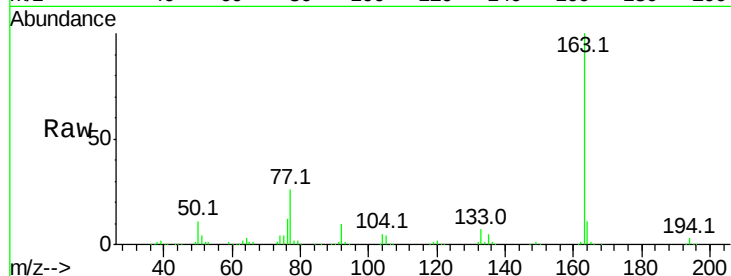
#49
Dimethylphthalate
Concen: 39.75 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

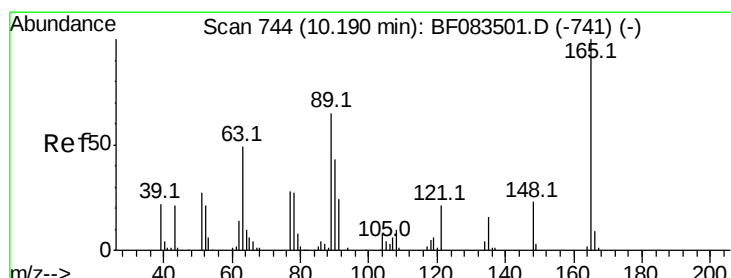
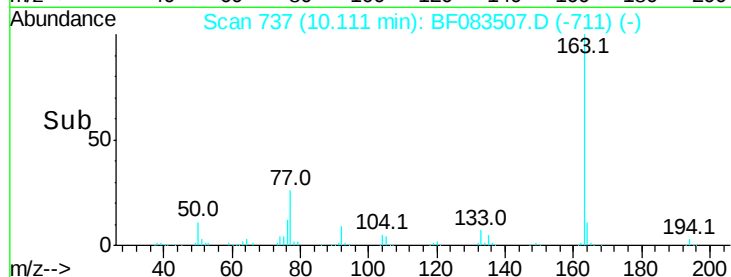
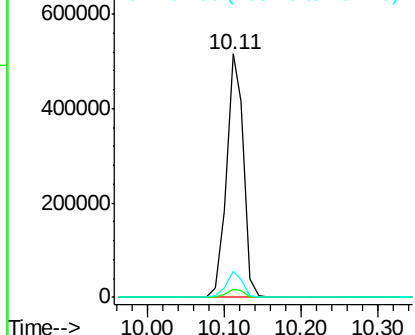
Tot Ion	Ratio	Resp	Lower	Upper
163	100	811989		
194	3.3		2.8	4.2
164	10.7		8.6	13.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM

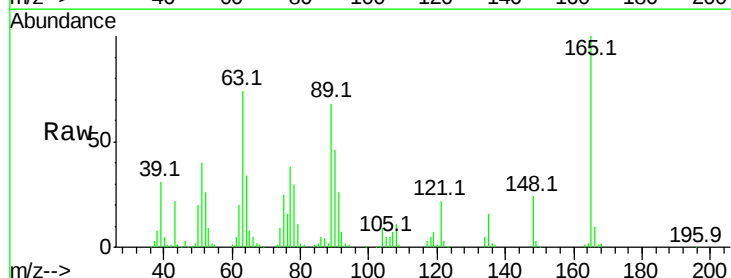


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

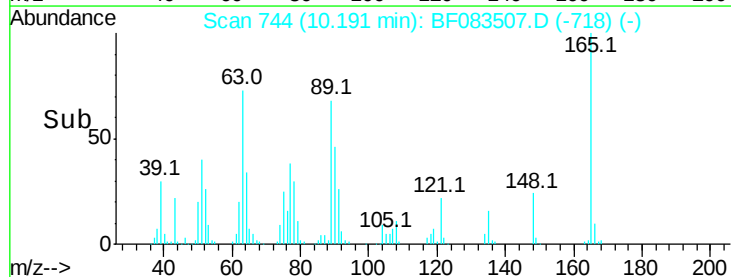
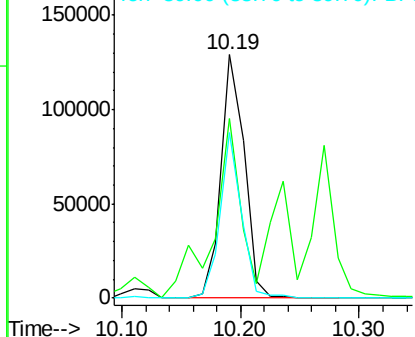


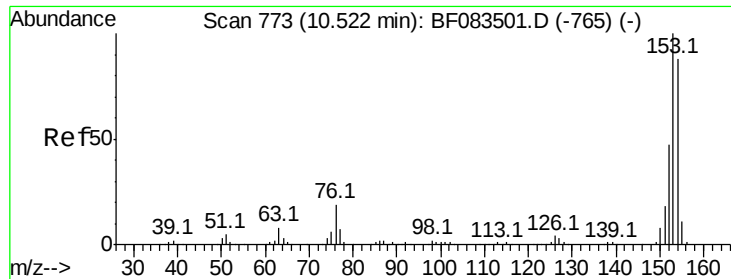
#50
2,6-Dinitrotoluene
Concen: 40.70 ng
RT: 10.19 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175047		
63	73.7		56.9	85.3
89	68.2		52.1	78.1



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





#51

Acenaphthene

Concen: 40.02 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

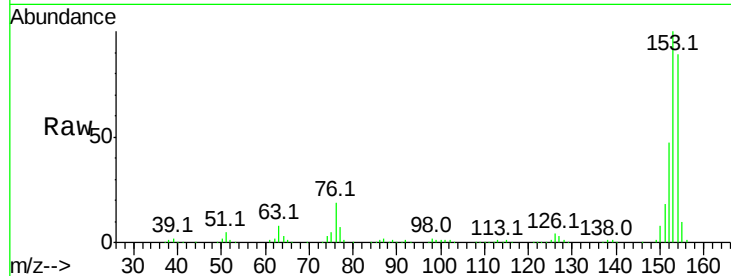
ClientSampleId :

SSTDCCC040

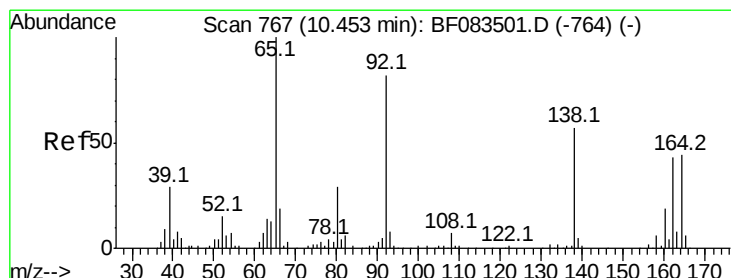
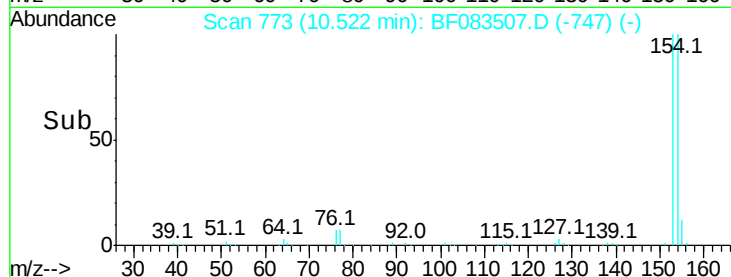
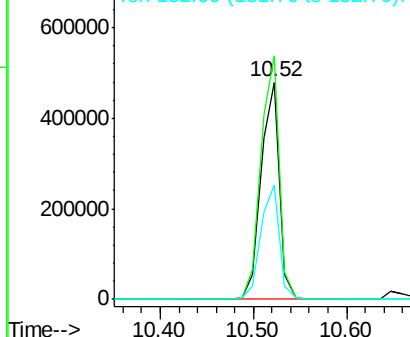
Tot Ion:	154	Resp:	655357
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.4	137.0
152	52.6	43.4	65.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



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



#52

3-Nitroaniline

Concen: 41.00 ng

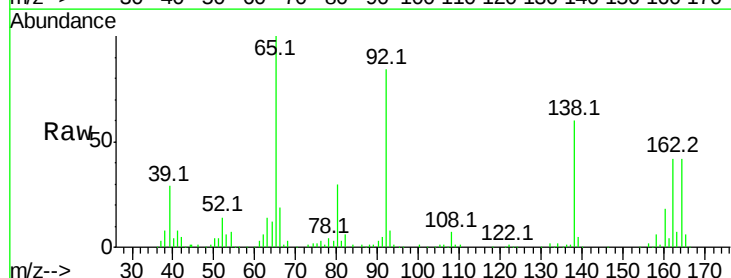
RT: 10.45 min Scan# 767

Delta R.T. 0.00 min

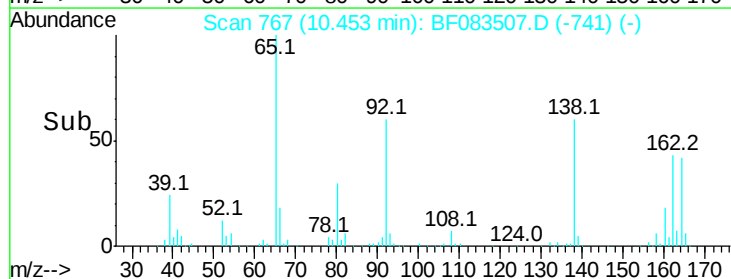
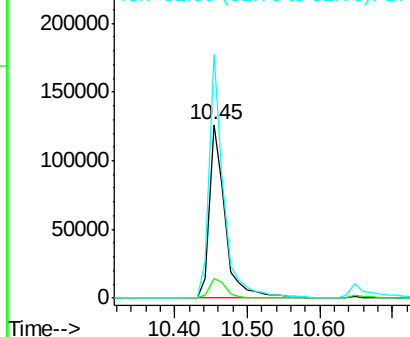
Lab File: BF083507.D

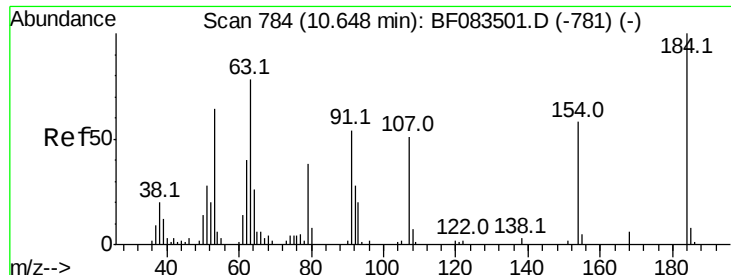
Acq: 5 Dec 2015 3:54

Tgt Ion:	138	Resp:	190133
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.9	14.9
92	140.2	113.8	170.8



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





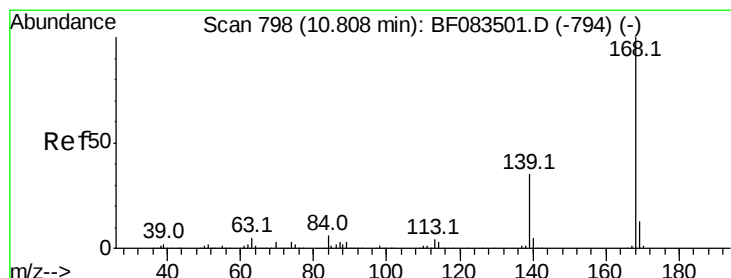
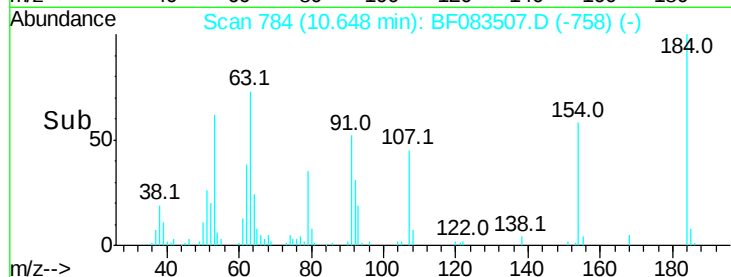
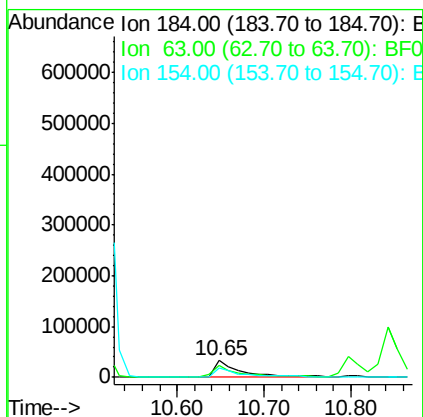
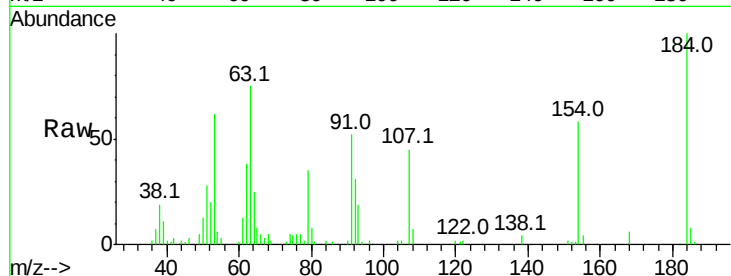
#53
 2,4-Dinitrophenol
 Concen: 37.91 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.0	62.4	93.6
154	57.8	46.6	69.8

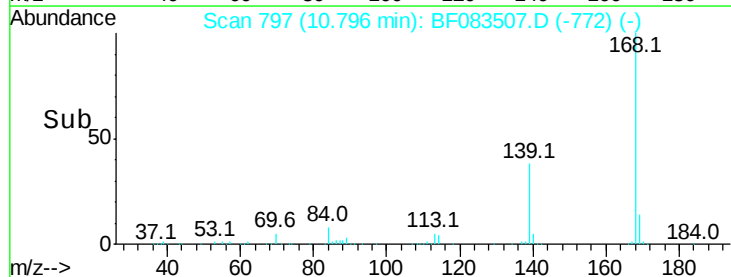
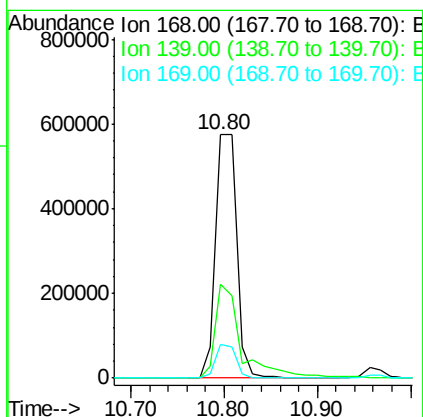
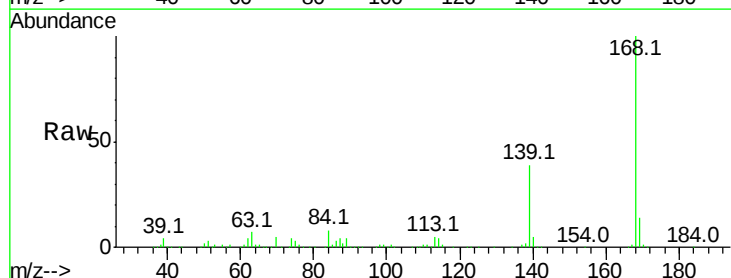
Manual Integrations
 APPROVED

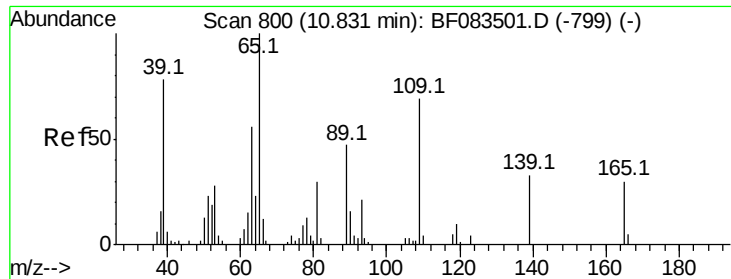
Mmdadoda
 12/7/2015 6:30:52 PM



#54
 Dibenzofuran
 Concen: 39.89 ng
 RT: 10.80 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	28.0	42.0
169	13.9	10.8	16.2





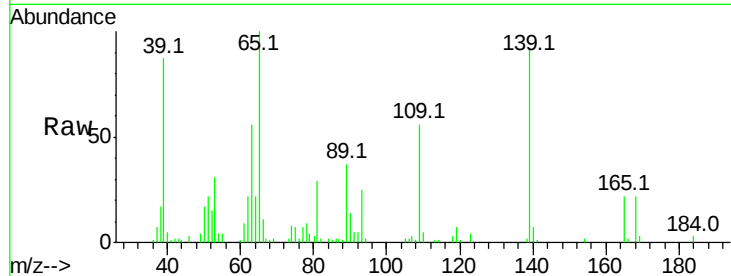
#55
4-Nitrophenol
Concen: 38.47 ng/mL
RT: 10.83 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.9	42.0	82.0	
65	108.1	89.2	129.2	

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM

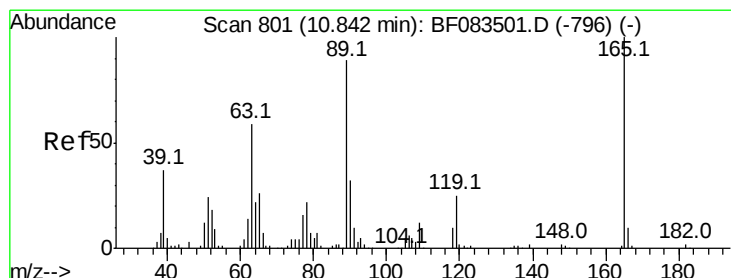
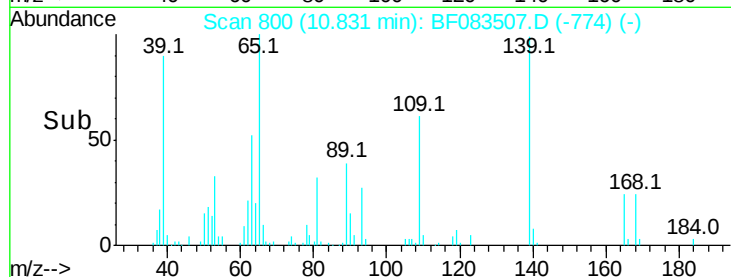
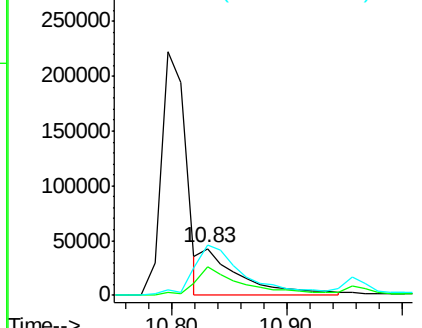


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 41.43 ng/mL
RT: 10.84 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.0	51.4	77.2	
89	88.3	72.6	108.8	
182	2.1	1.4	2.0	

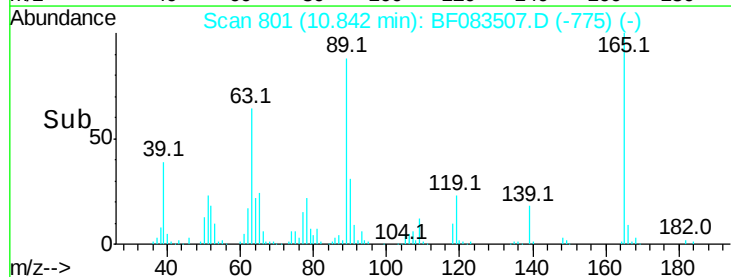
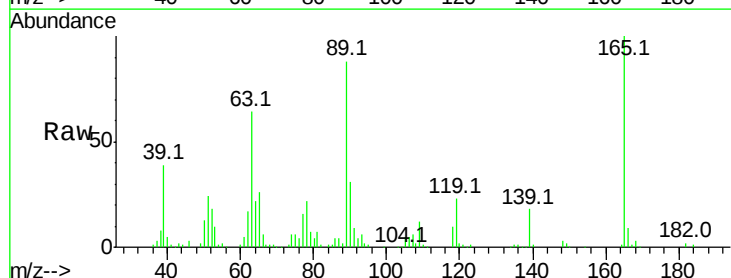
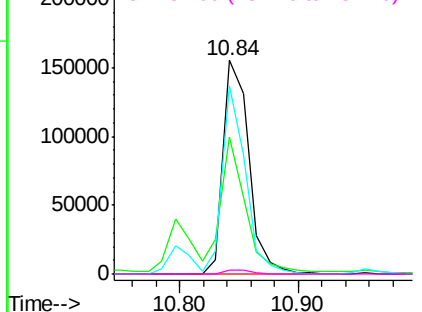
Abundance

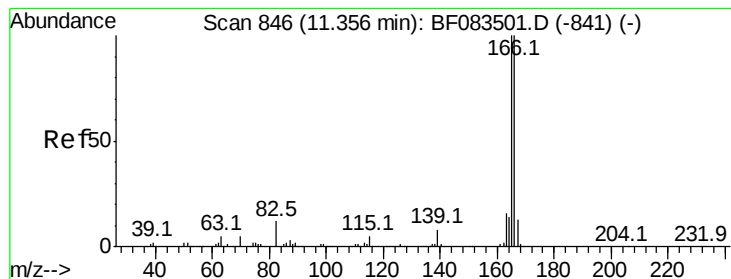
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.43 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

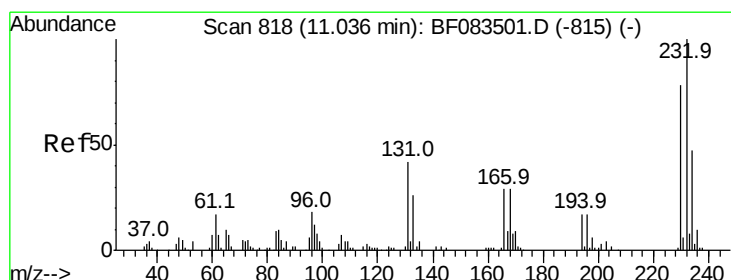
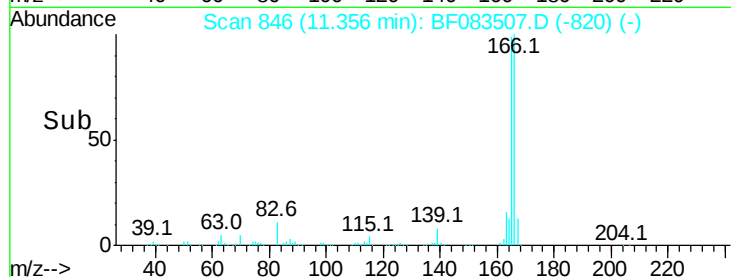
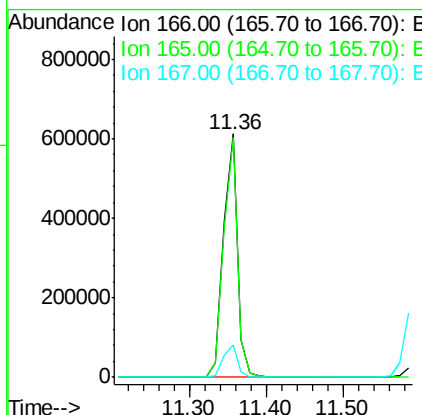
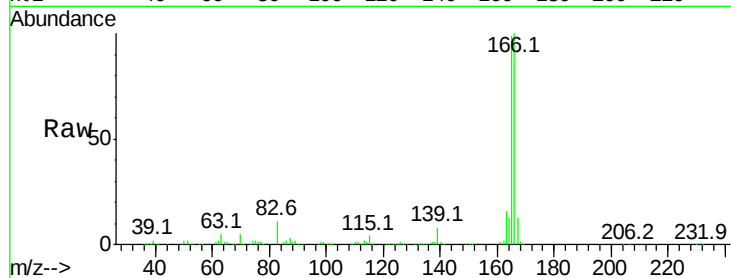
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	797877
Ion Ratio	Lower	Upper	
166	100		
165	98.7	80.0	120.0
167	13.4	10.6	16.0

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.02 ng

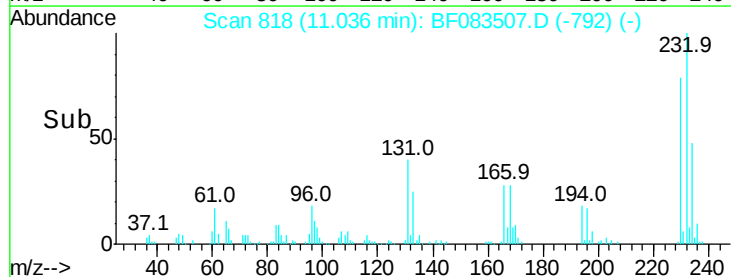
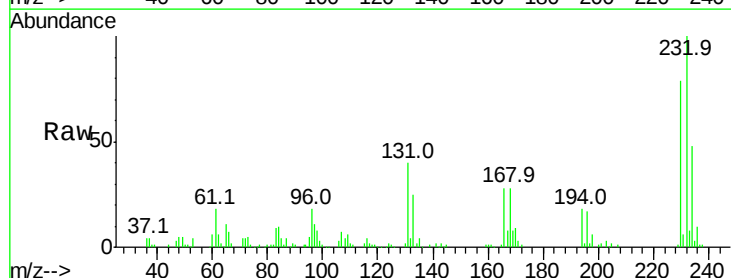
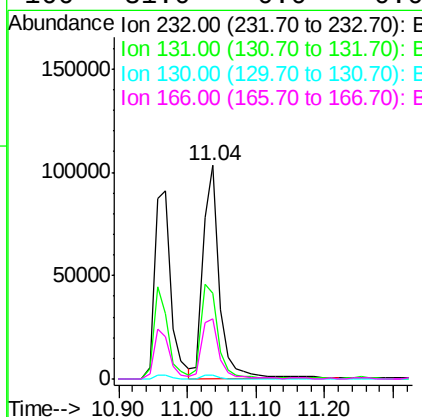
RT: 11.04 min Scan# 818

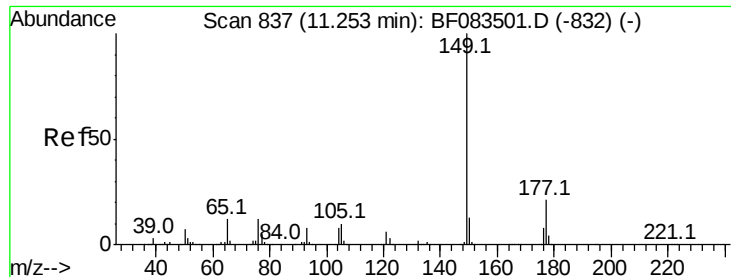
Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion:	232	Resp:	169315
Ion Ratio	Lower	Upper	
232	100		
131	47.9	0.0	0.0#
130	1.9	0.0	0.0#
166	31.0	0.0	0.0#





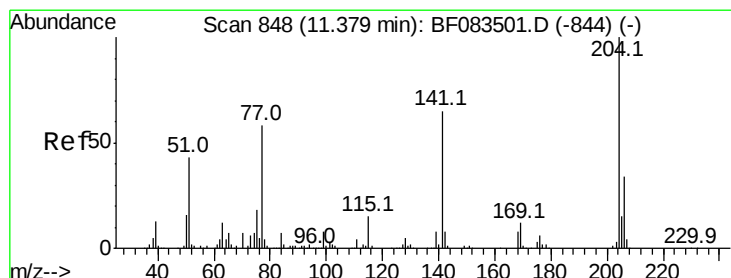
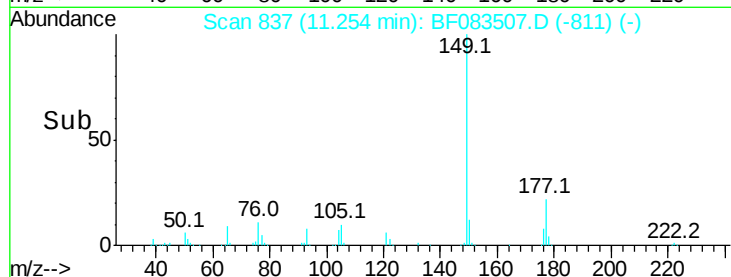
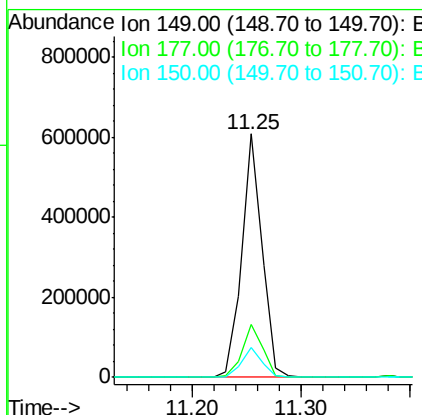
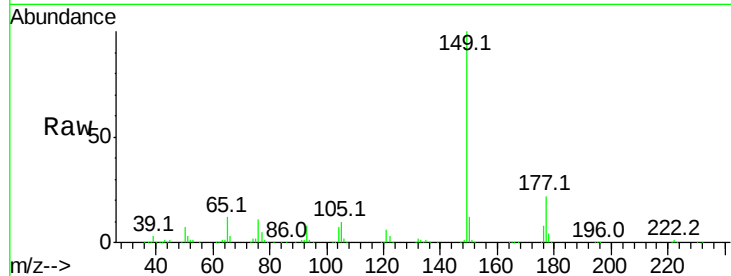
#59
Diethylphthalate
Concen: 39.72 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.7	16.9	25.3	
150	12.5	10.2	15.4	

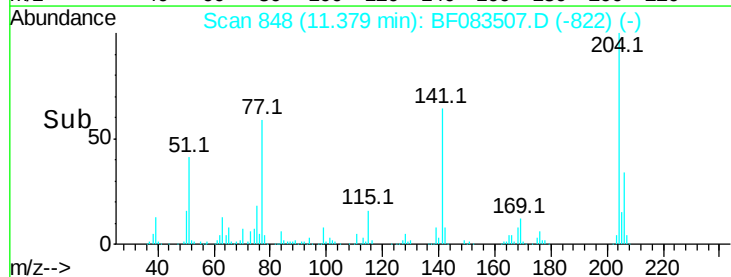
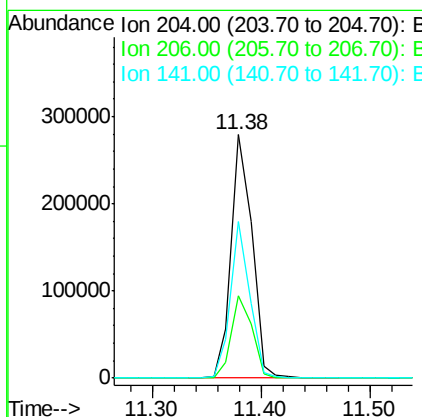
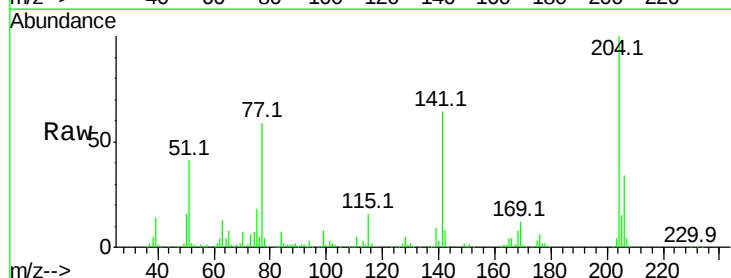
Manual Integrations
APPROVED

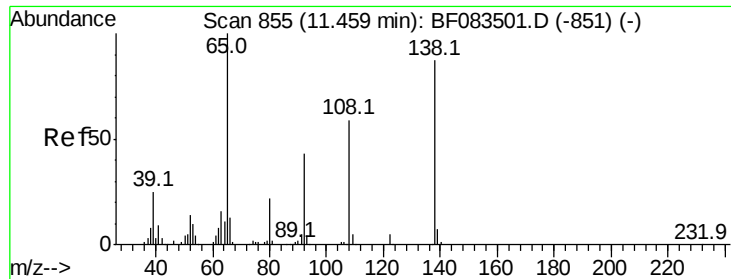
Mmdadoda
12/7/2015 6:30:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.04 ng
RT: 11.38 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	27.3	40.9	
141	64.2	51.9	77.9	





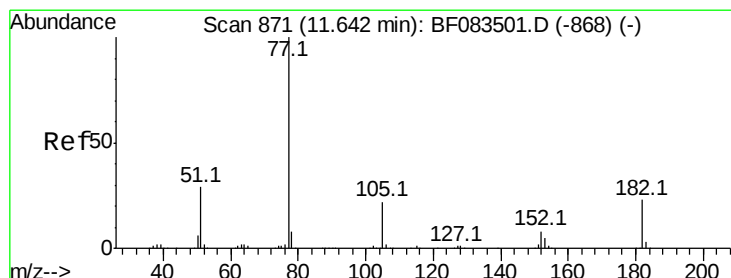
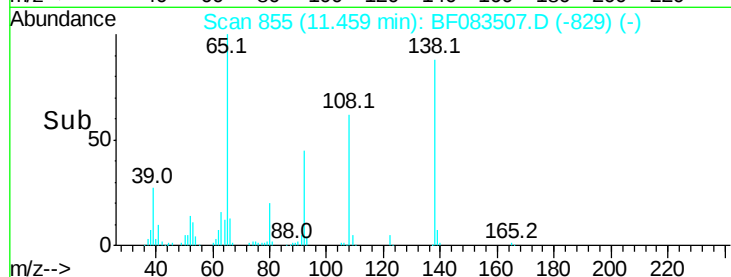
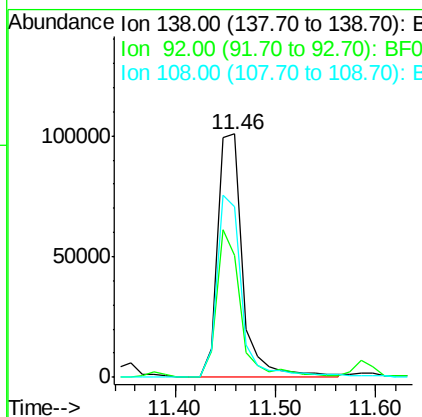
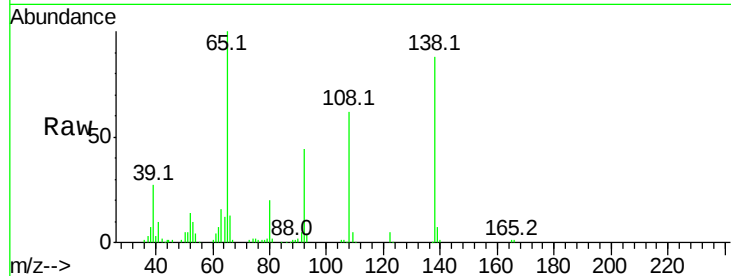
#61
4-Nitroaniline
Concen: 41.85 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.0	69.0
108	70.3	47.4	87.4

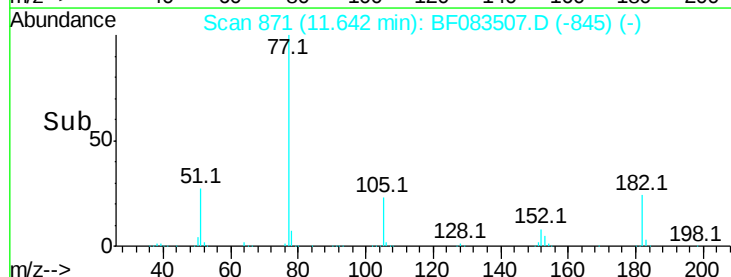
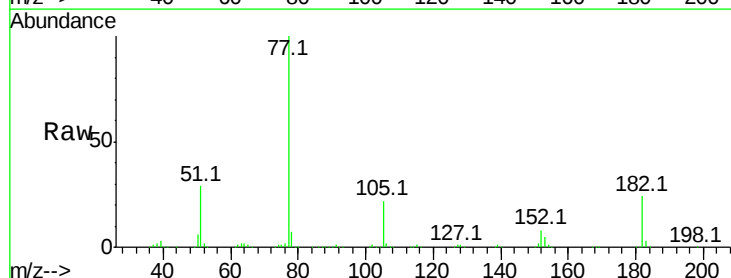
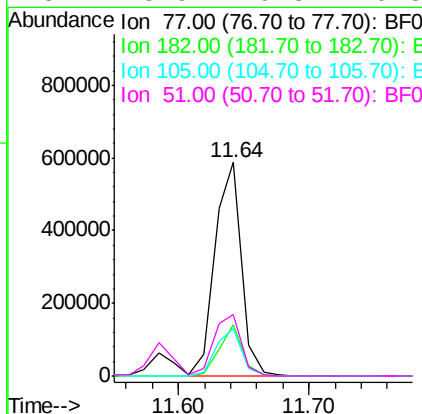
Manual Integrations
APPROVED

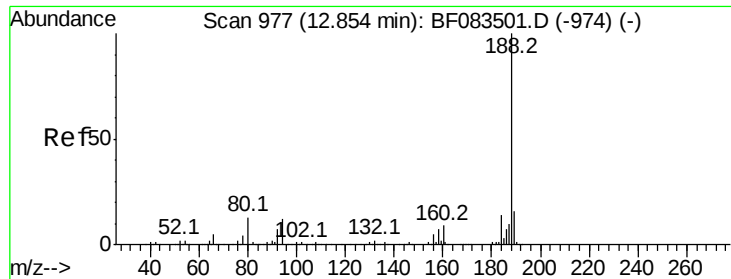
Mmdadoda
12/7/2015 6:30:52 PM



#62
Azobenzene
Concen: 39.33 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.5	42.5
105	22.4	2.1	42.1
51	28.9	9.3	49.3





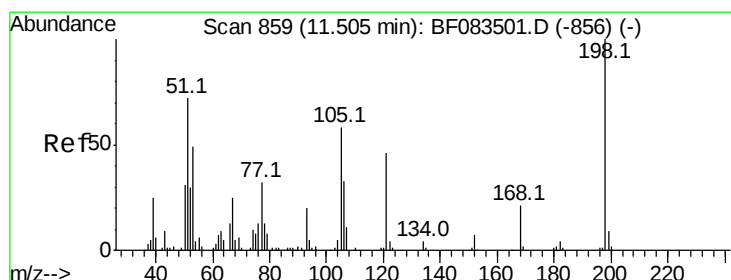
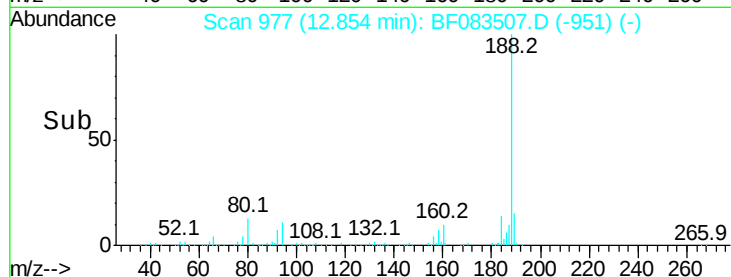
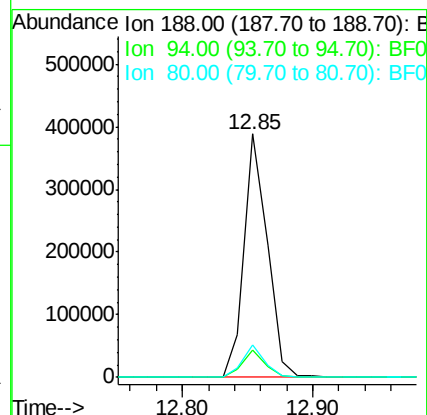
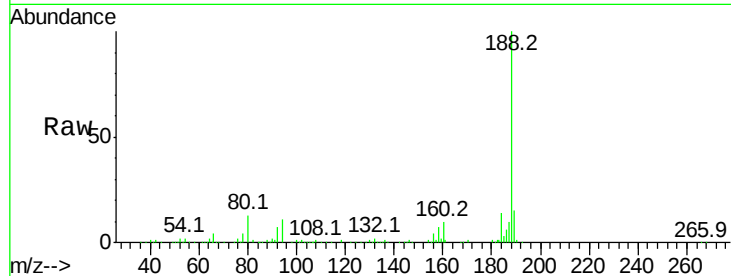
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	482011		
94	11.1		9.4	14.2
80	13.1		10.6	16.0

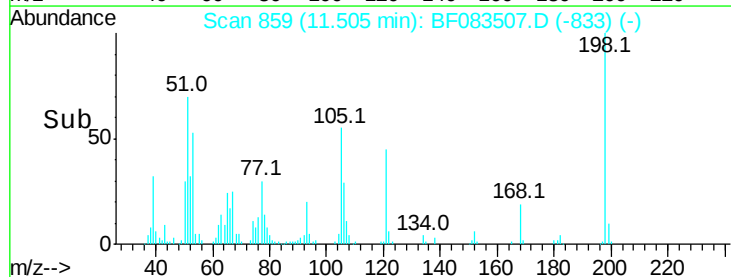
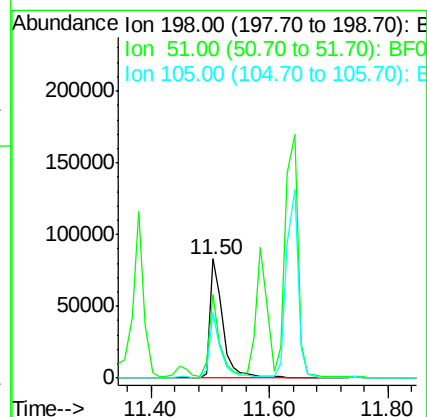
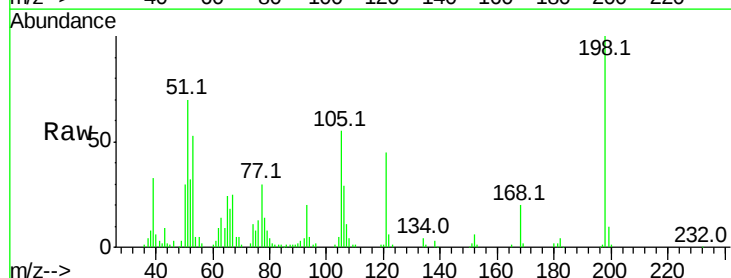
Manual Integrations
APPROVED

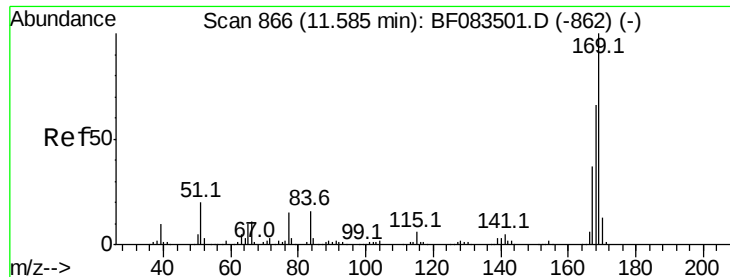
Mmdadoda
12/7/2015 6:30:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 11.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	127519		
51	70.4		53.8	93.8
105	55.1		38.6	78.6





#65

n-Nitrosodiphenylamine

Concen: 39.83 ng

RT: 11.59 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 635582

Ion Ratio Lower Upper

169 100

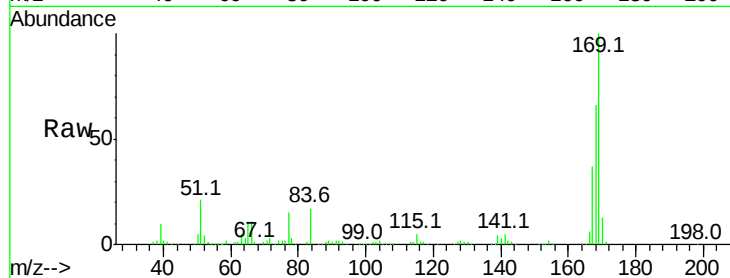
168 65.9 53.0 79.6

167 37.5 29.3 43.9

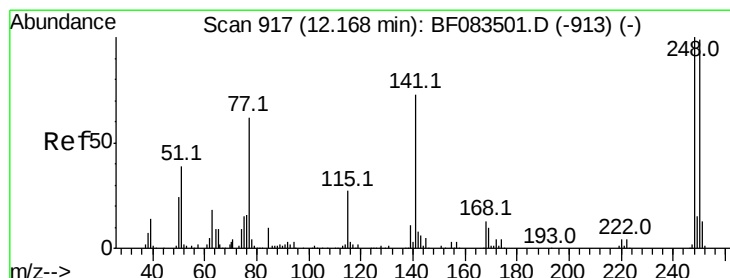
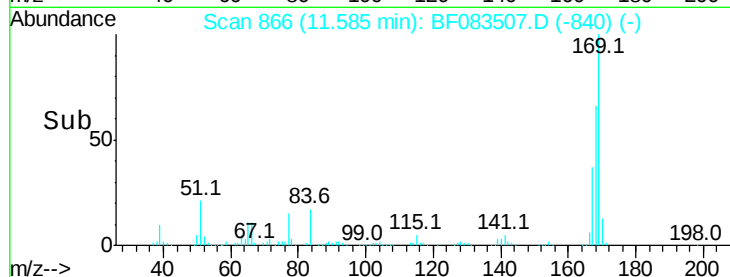
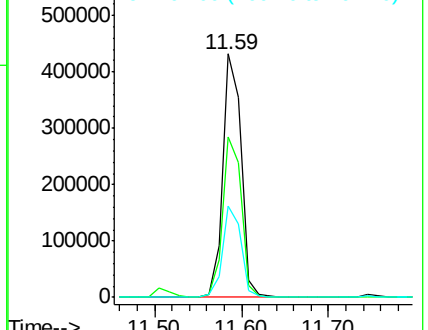
Manual Integrations
APPROVED

Mmdadoda

12/7/2015 6:30:52 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: 40.68 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

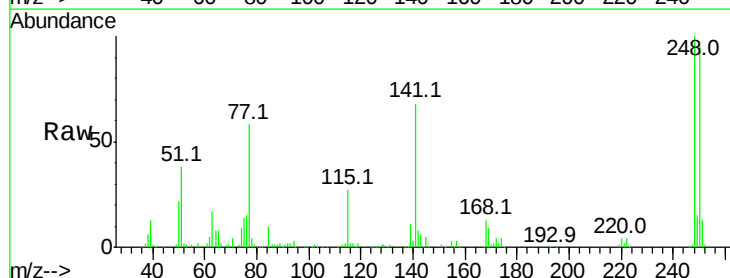
Tgt Ion:248 Resp: 214274

Ion Ratio Lower Upper

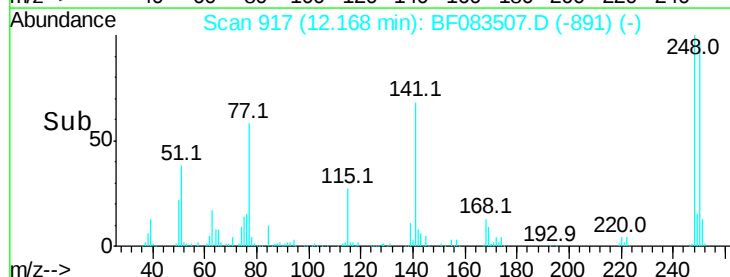
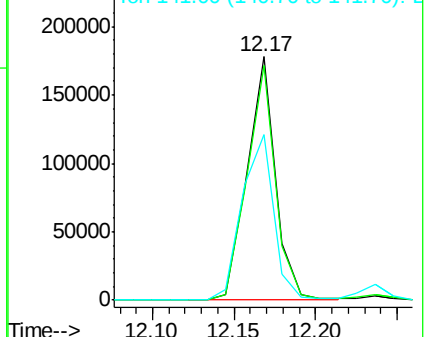
248 100

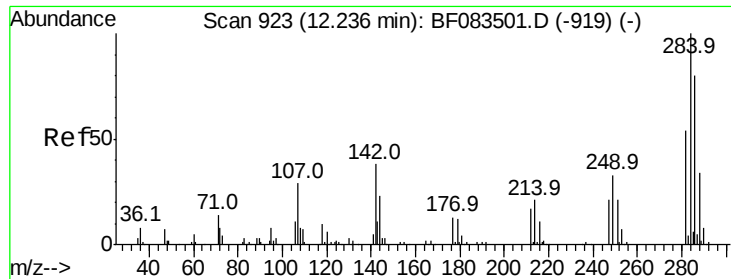
250 96.2 79.2 118.8

141 68.1 58.2 87.4



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





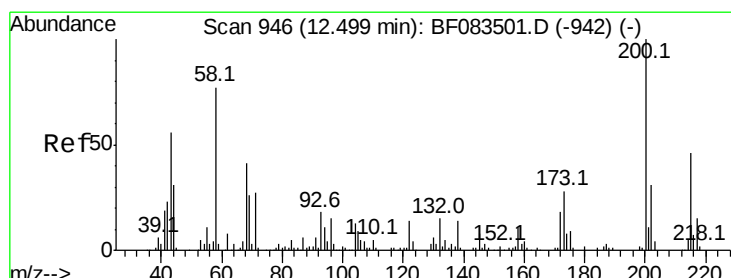
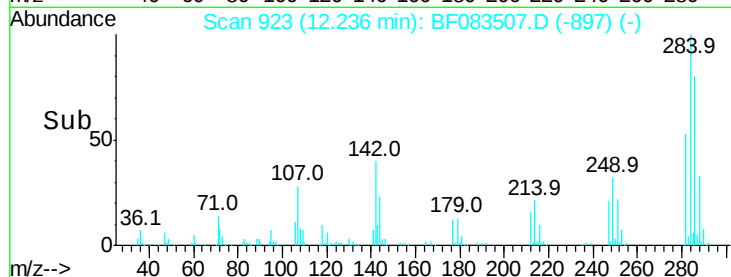
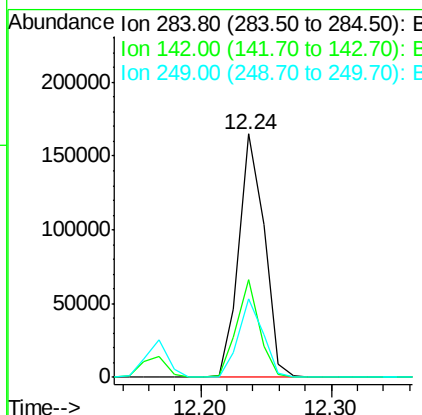
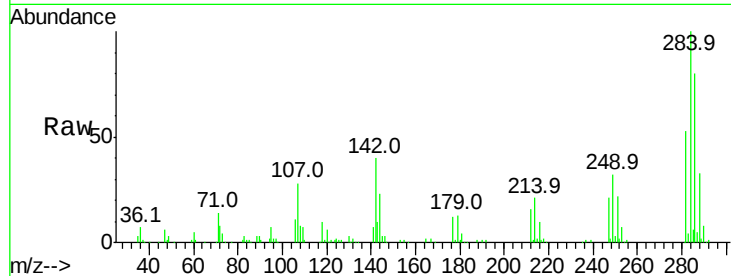
#67
Hexachlorobenzene
Concen: 39.76 ng
RT: 12.24 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	223890		
142	40.2		31.0	46.4
249	32.4		26.9	40.3

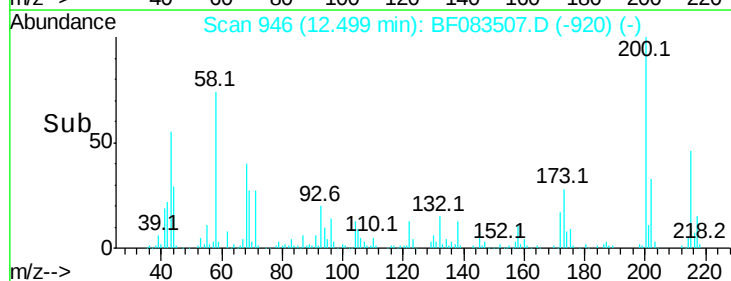
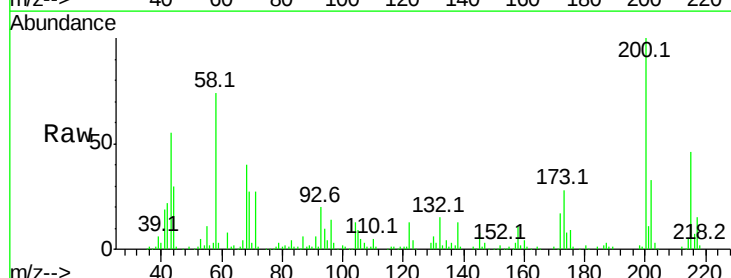
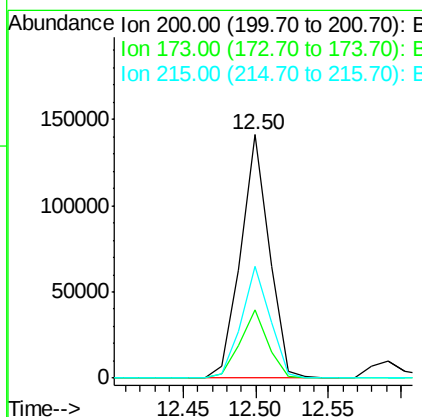
Manual Integrations
APPROVED

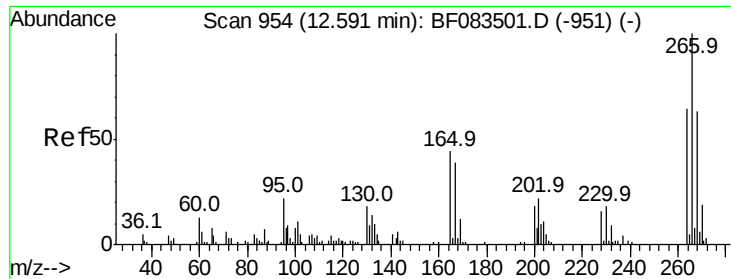
Mmdadoda
12/7/2015 6:30:52 PM



#68
Atrazine
Concen: 39.92 ng
RT: 12.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	192652		
173	28.2		7.8	47.8
215	45.7		25.7	65.7





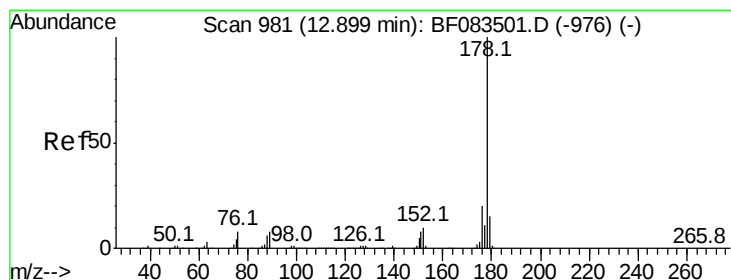
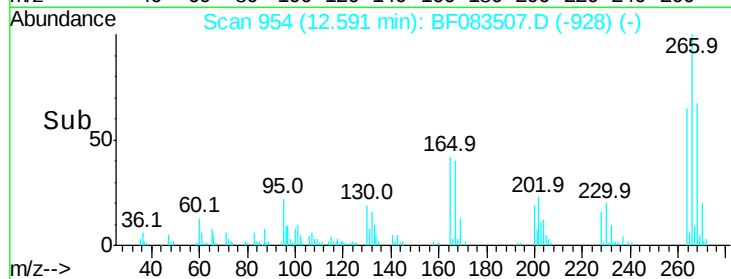
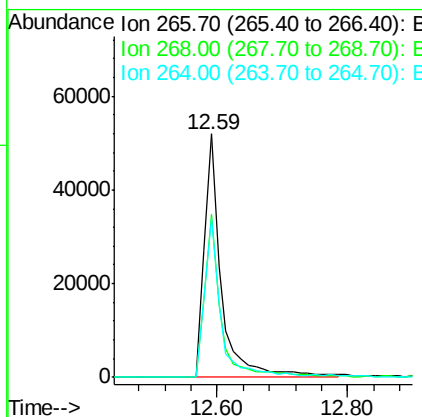
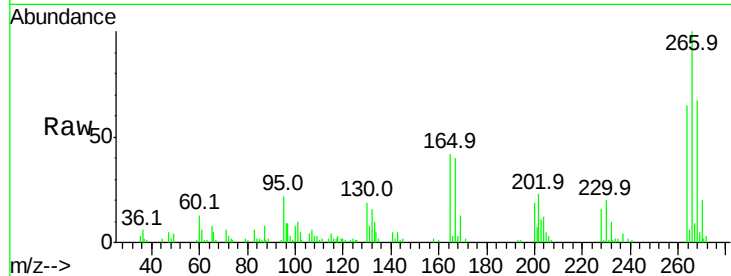
#69
 Pentachlorophenol
 Concen: 39.25 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	94309		
268	67.1	50.2	75.2	
264	65.4	51.4	77.2	

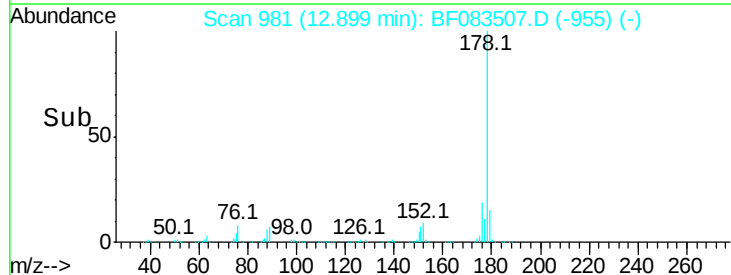
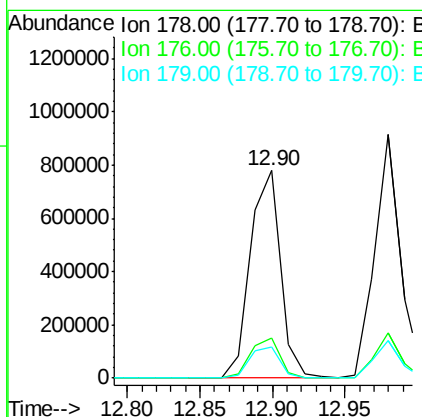
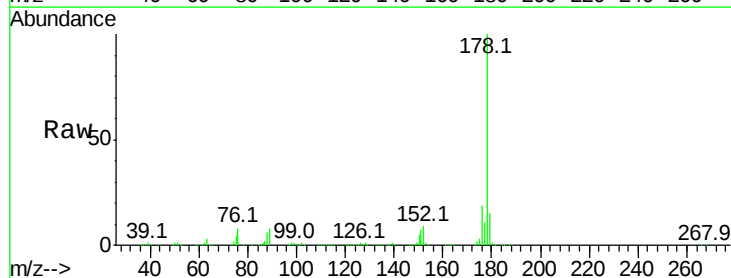
Manual Integrations
 APPROVED

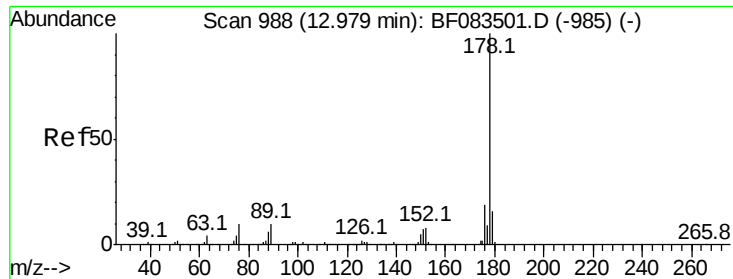
Mmdadoda
 12/7/2015 6:30:52 PM



#70
 Phenanthrene
 Concen: 40.19 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1127473		
176	19.3	15.7	23.5	
179	15.2	12.2	18.4	





#71

Anthracene

Concen: 40.24 ng

RT: 12.98 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1151374

Ion Ratio Lower Upper

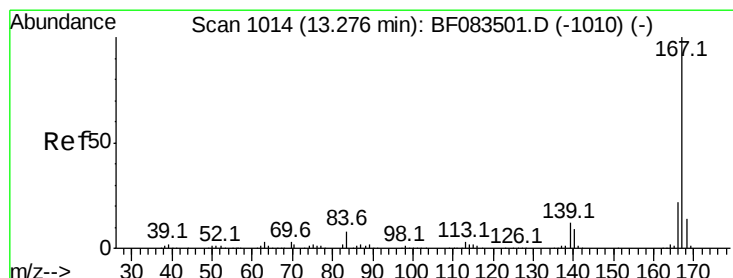
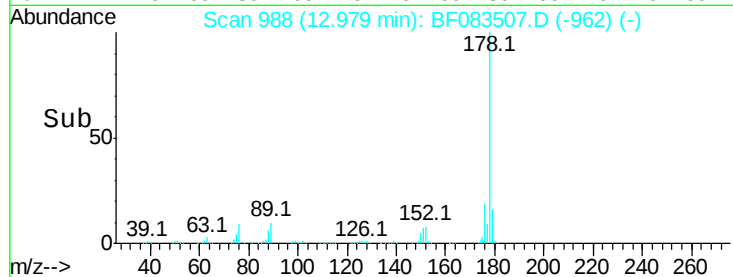
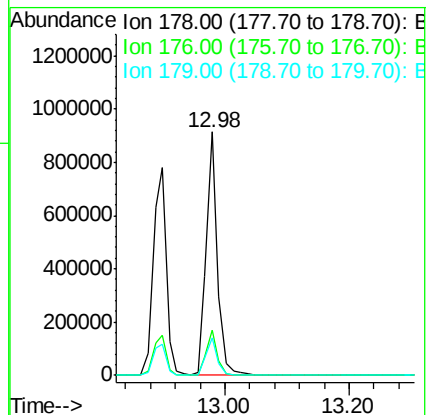
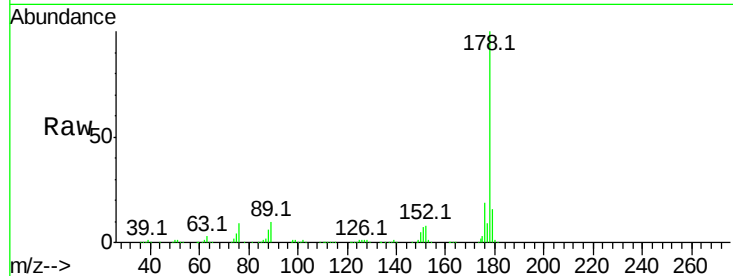
178 100

176 18.5 15.2 22.8

179 15.6 12.6 18.8

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#72

Carbazole

Concen: 40.27 ng

RT: 13.28 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

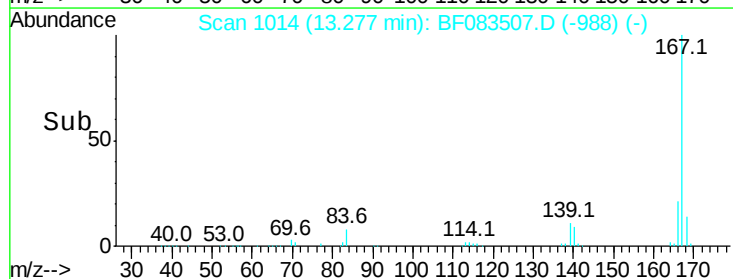
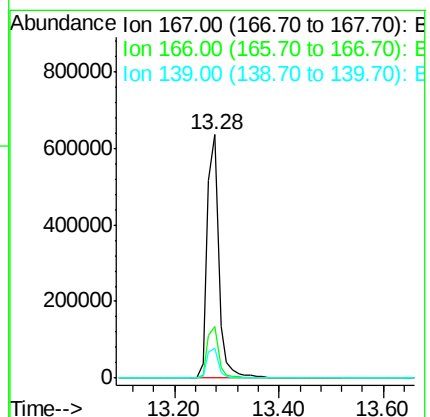
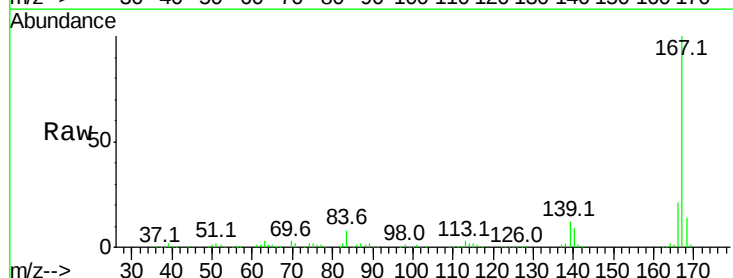
Tgt Ion:167 Resp: 989408

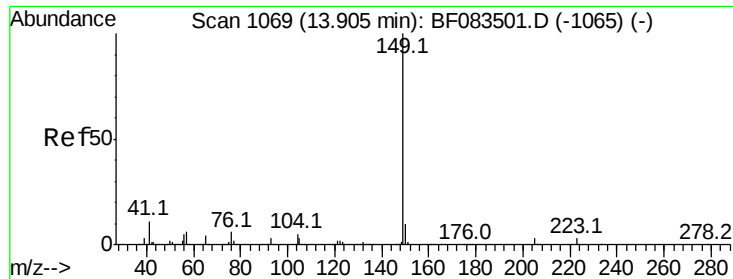
Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.0 9.3 13.9





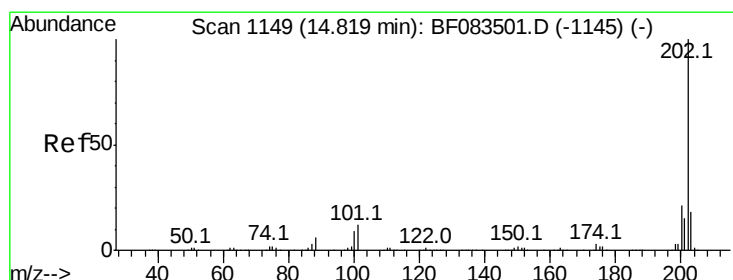
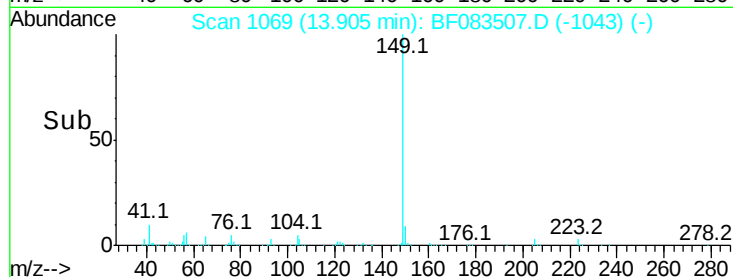
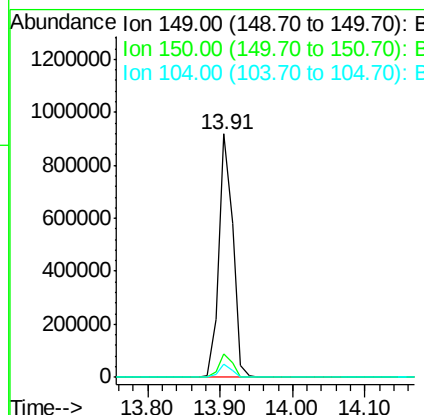
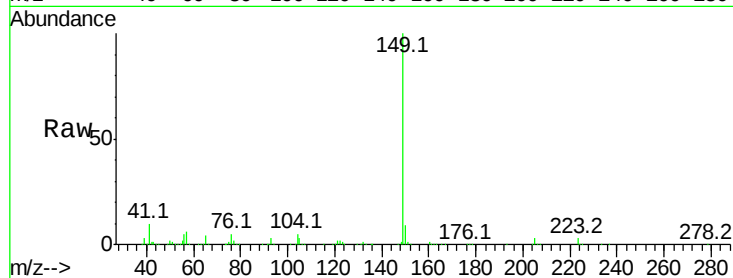
#73
Di-n-butylphthalate
Concen: 41.27 ng
RT: 13.91 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.9	5.9

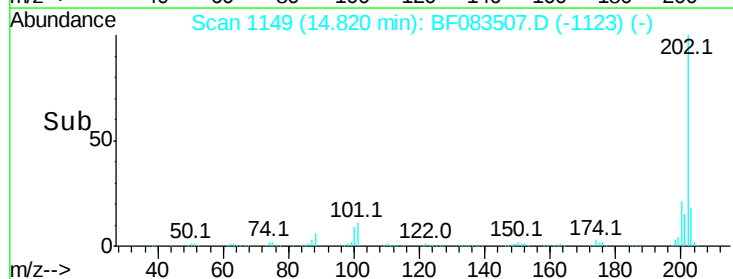
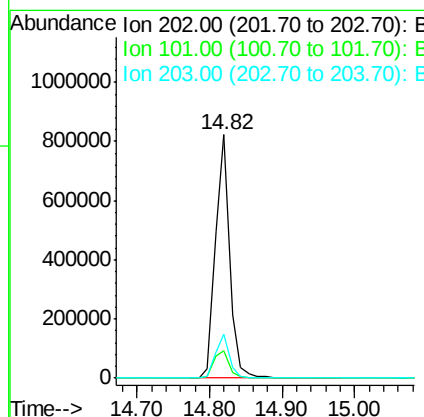
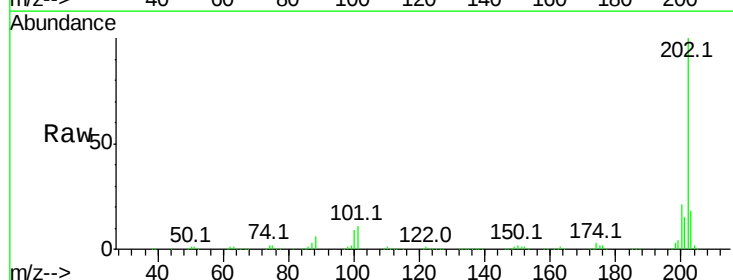
Manual Integrations
APPROVED

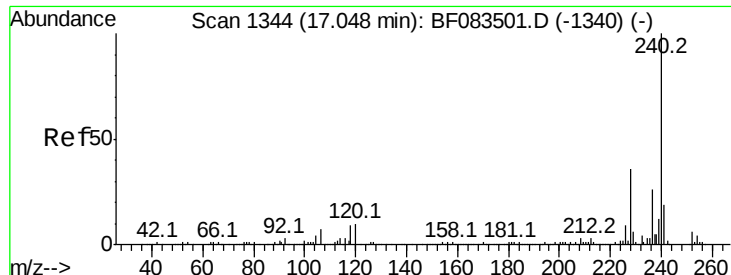
Mmdadoda
12/7/2015 6:30:52 PM



#74
Fluoranthene
Concen: 40.38 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.5
203	17.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

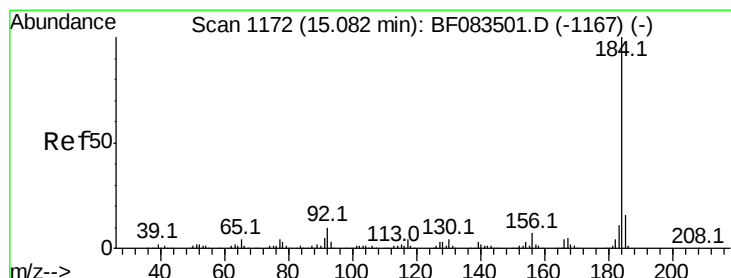
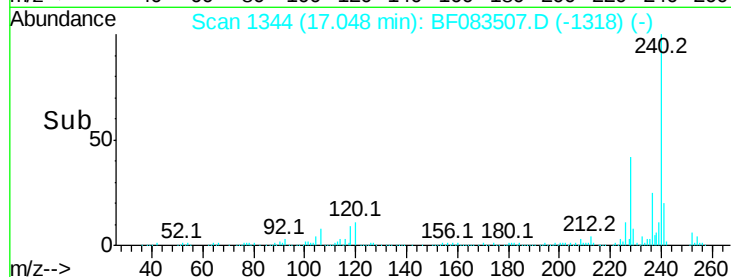
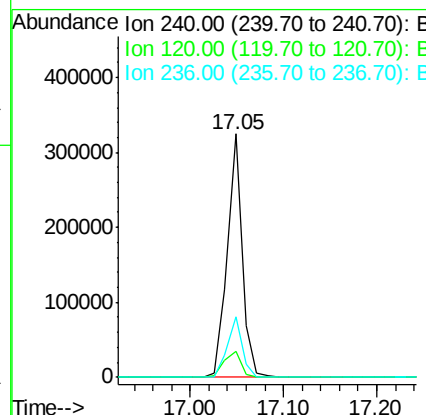
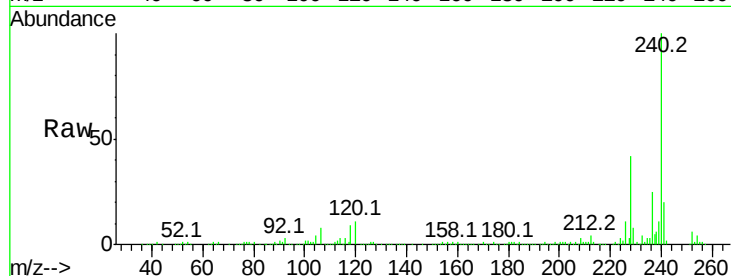
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	360566
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	24.9	20.8	31.2

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



#76

Benzidine

Concen: 43.03 ng

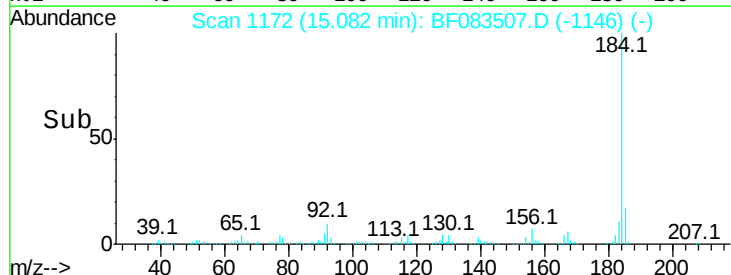
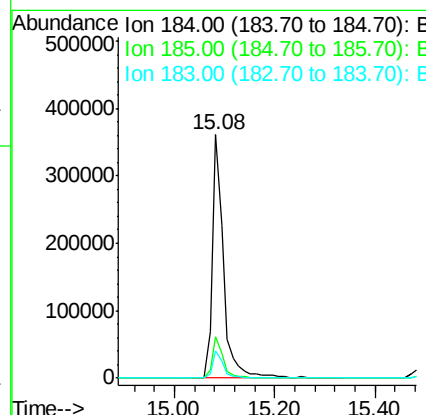
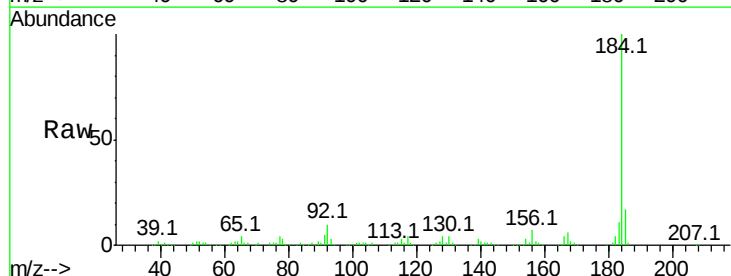
RT: 15.08 min Scan# 1172

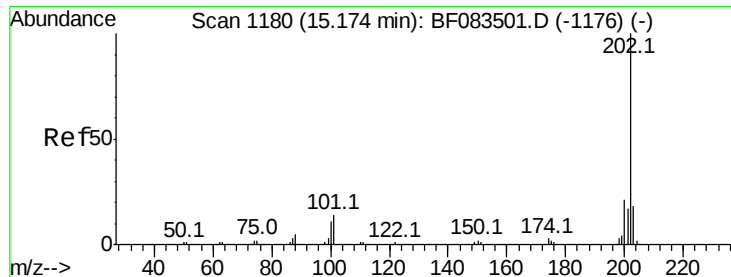
Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Tgt Ion:	184	Resp:	560504
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.0	19.6
183	11.4	9.0	13.4





#77

Pvrene

Concen: 41.64 ng

RT: 15.17 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1123047

Ion Ratio Lower Upper

202 100

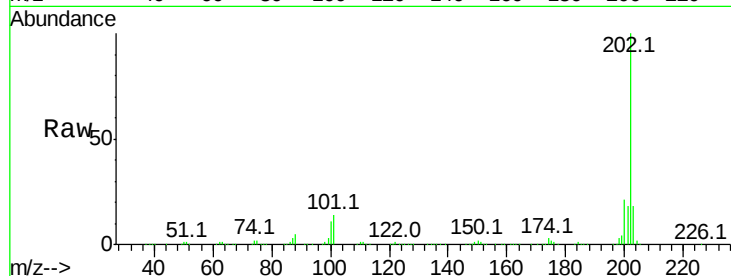
200 21.1 16.7 25.1

203 18.0 14.3 21.5

Manual Integrations
APPROVED

Mmdadoda

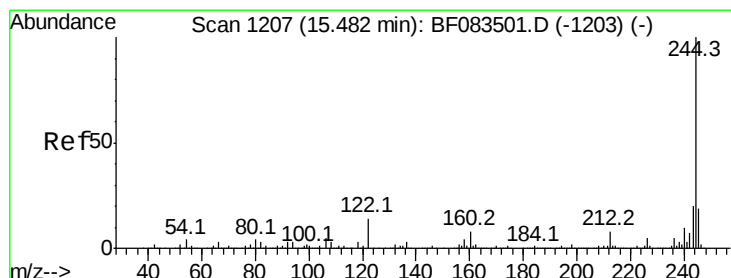
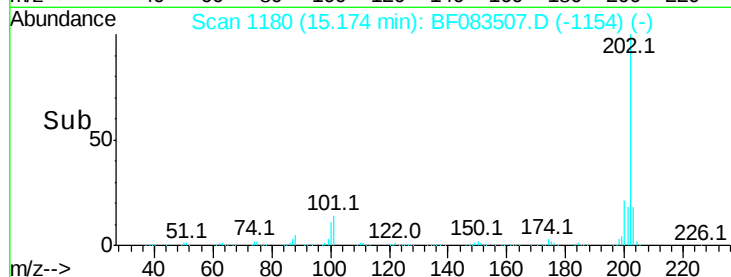
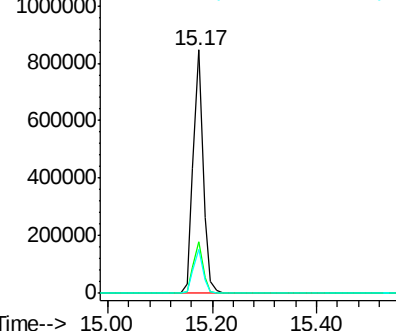
12/7/2015 6:30:52 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.29 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF083507.D

Acq: 5 Dec 2015 3:54

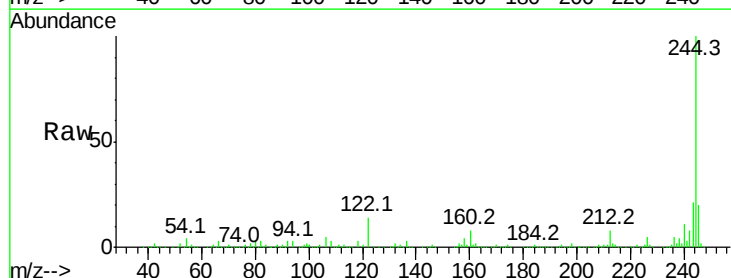
Tgt Ion:244 Resp: 1349655

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

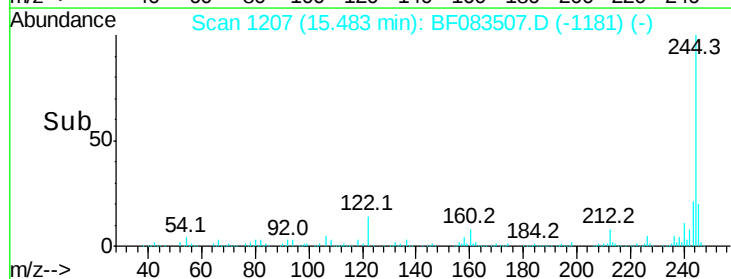
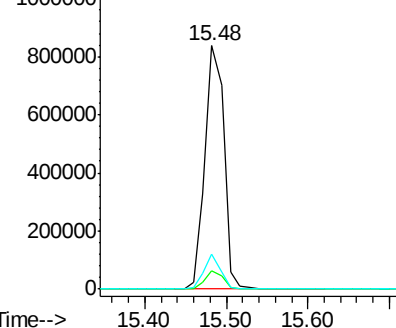
122 14.2 11.0 16.6

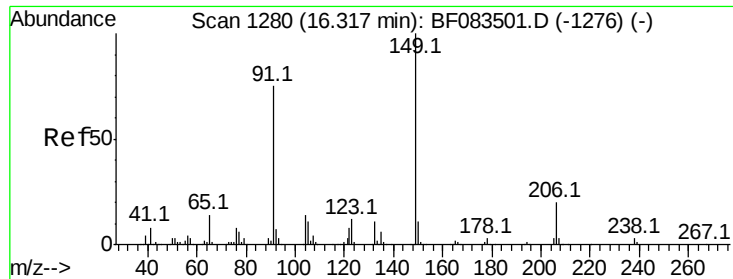


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





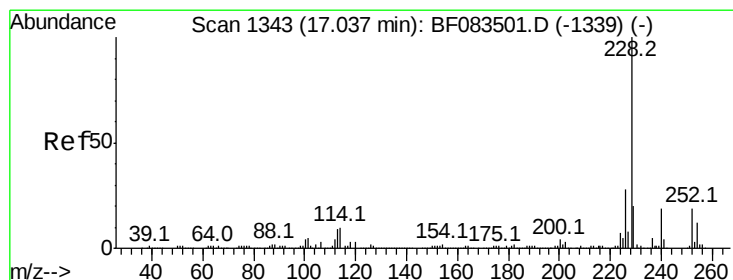
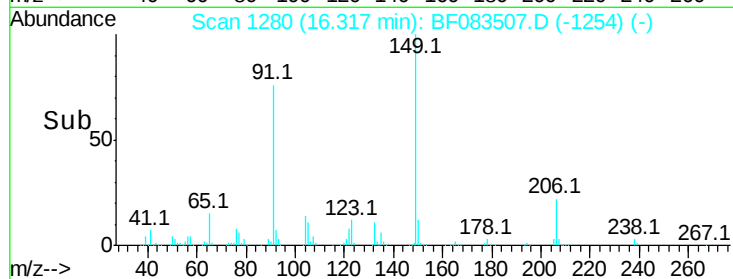
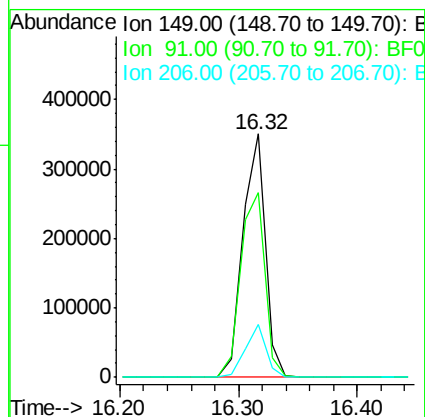
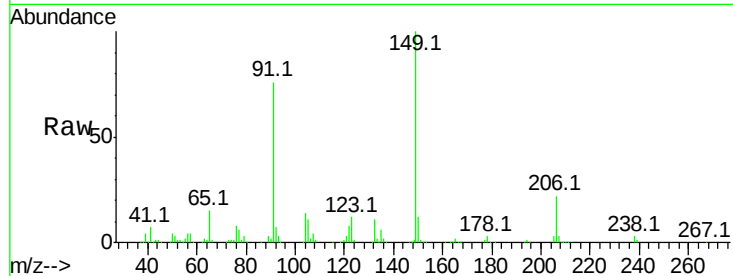
#79
Butylbenzylphthalate
Concen: 43.86 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465133		
91	75.9	60.0	90.0	
206	21.6	16.2	24.4	

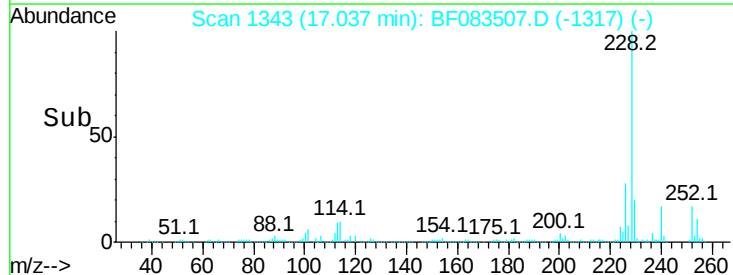
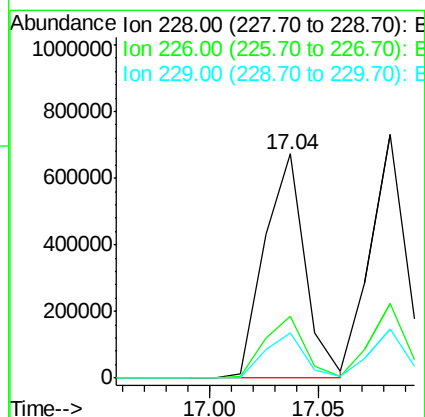
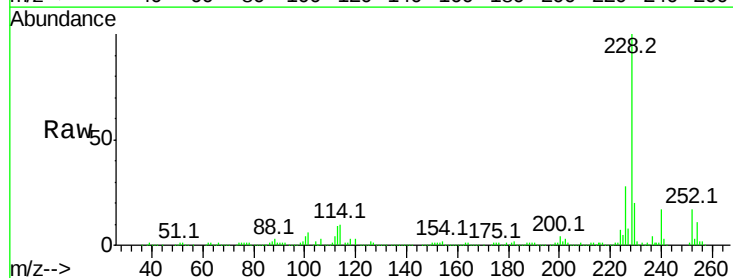
Manual Integrations
APPROVED

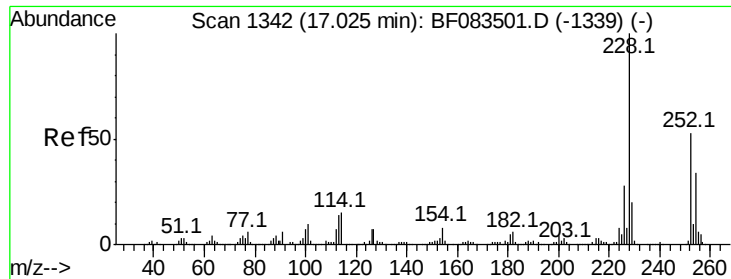
Mmdadoda
12/7/2015 6:30:52 PM



#80
Benzo(a)anthracene
Concen: 41.42 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	873846		
226	27.8	22.3	33.5	
229	20.0	15.7	23.5	





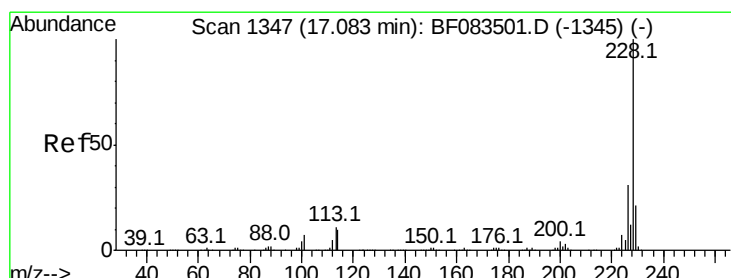
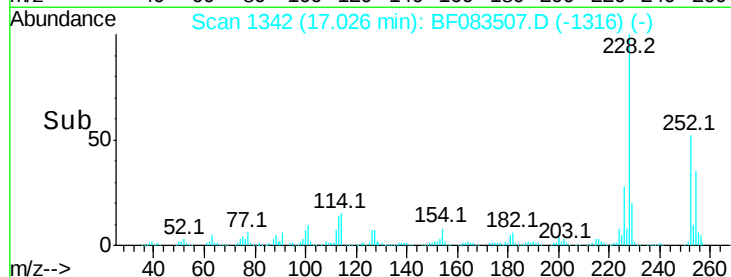
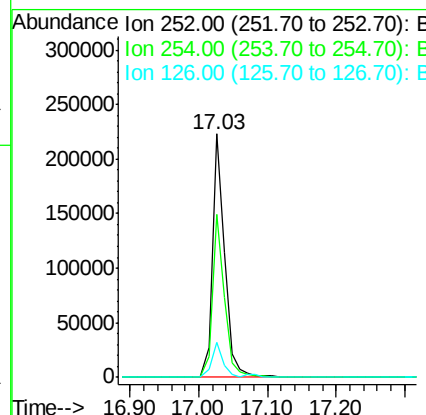
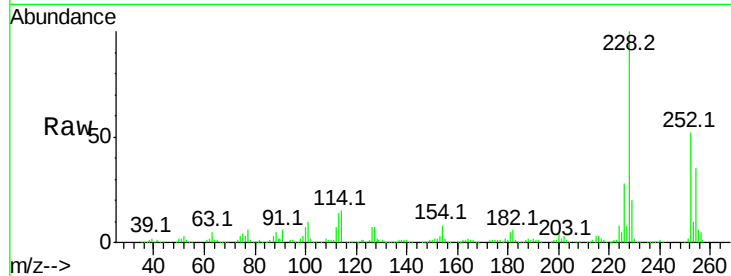
#81
 3,3'-Dichlorobenzidine
 Concen: 41.32 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	278772		
254	67.0	50.6	76.0	
126	14.1	11.0	16.4	

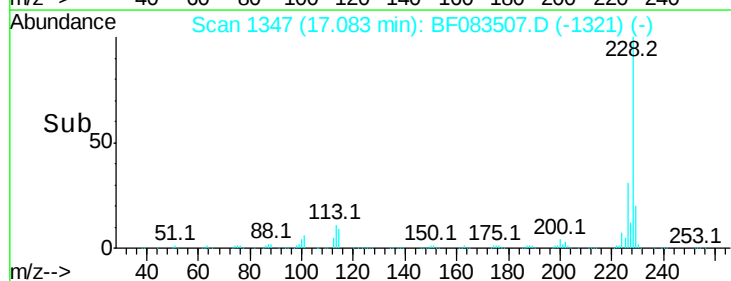
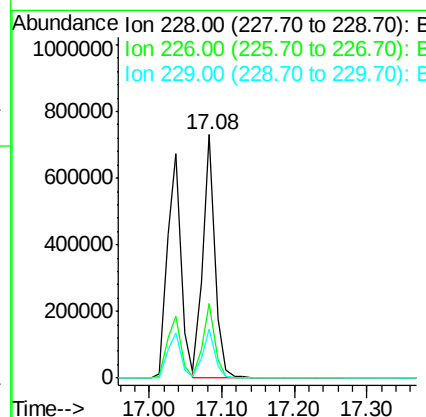
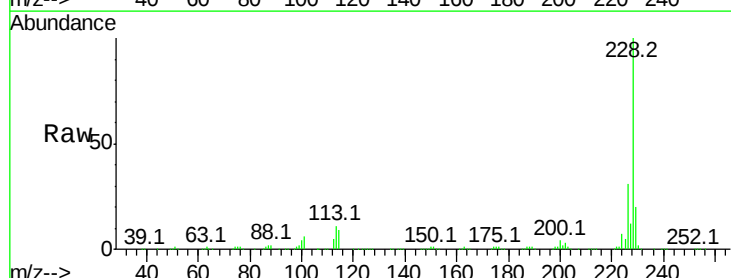
Manual Integrations
 APPROVED

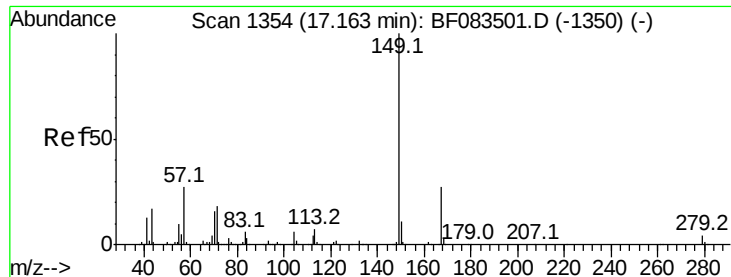
Mmdadoda
 12/7/2015 6:30:52 PM



#82
 Chrysene
 Concen: 40.50 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	851222		
226	30.6	24.7	37.1	
229	20.1	16.3	24.5	





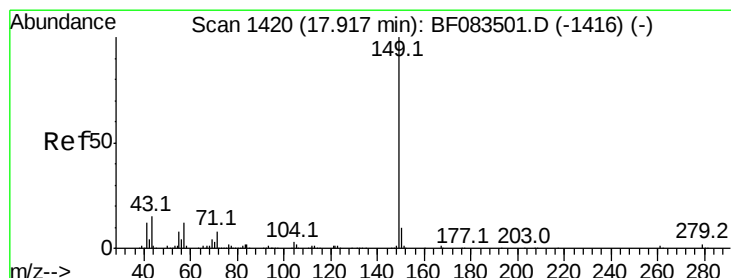
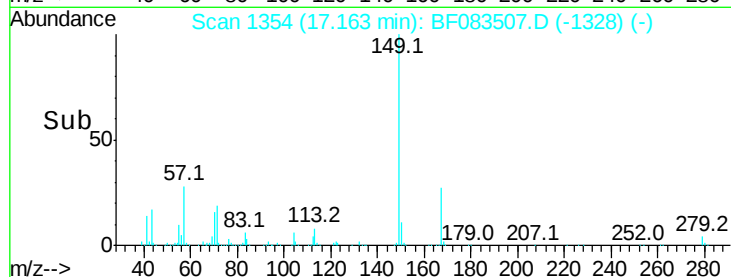
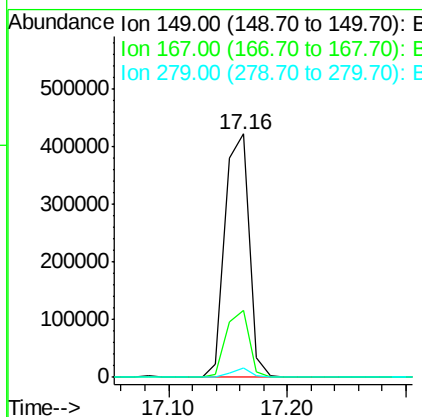
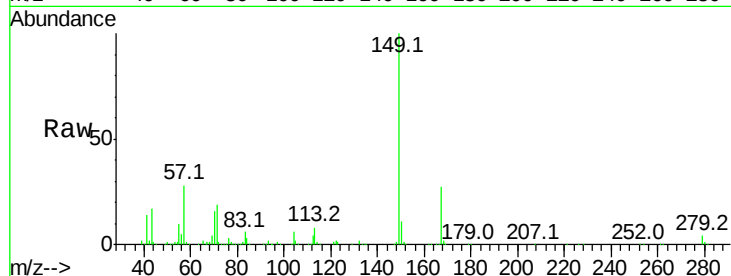
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.44 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	21.8	32.8	
279	3.9	3.0	4.4	

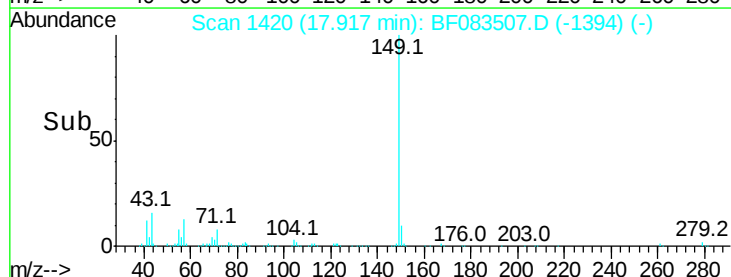
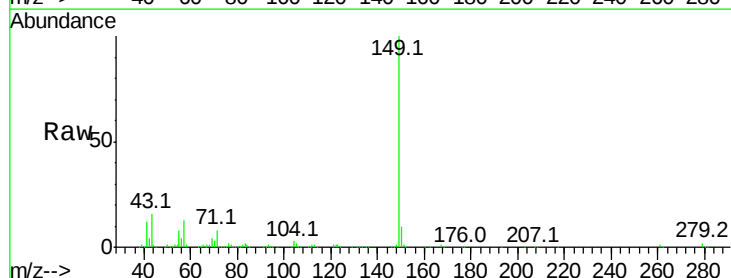
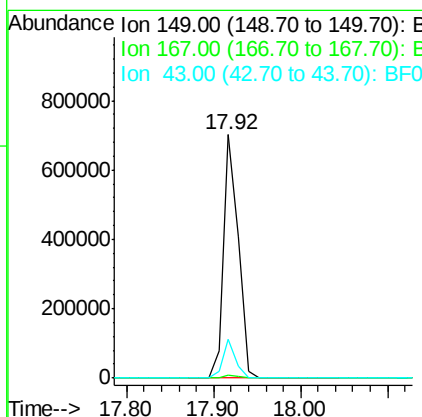
Manual Integrations
 APPROVED

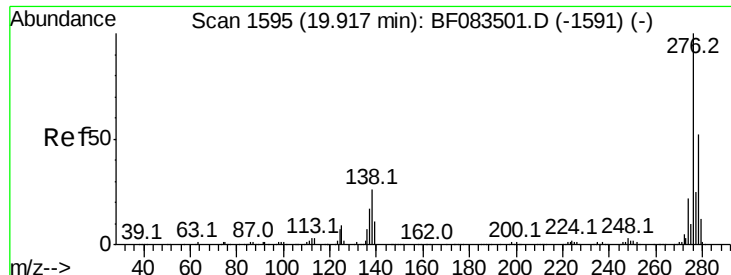
Mmdadoda
 12/7/2015 6:30:52 PM



#84
 Di-n-octyl phthalate
 Concen: 42.00 ng
 RT: 17.92 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	0.0	0.0#	
43	13.9	0.0	0.0#	





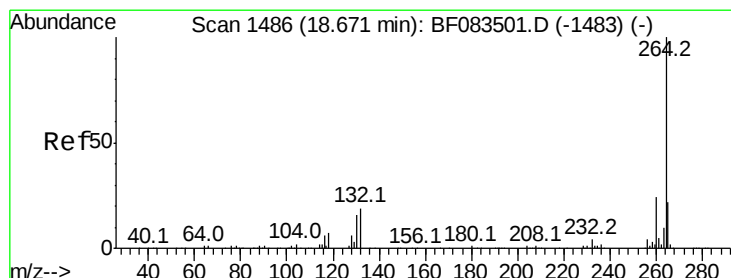
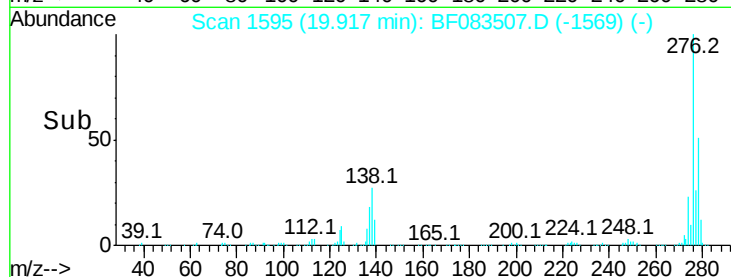
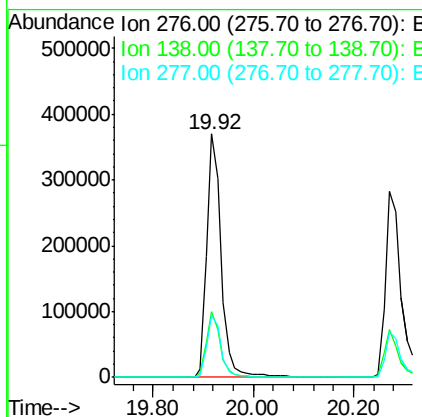
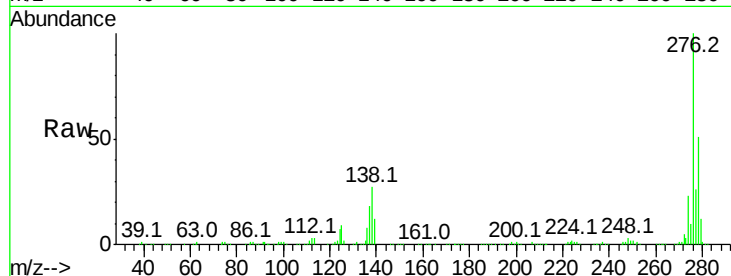
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.08 ng
RT: 19.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	25.3	0.0	0.0#

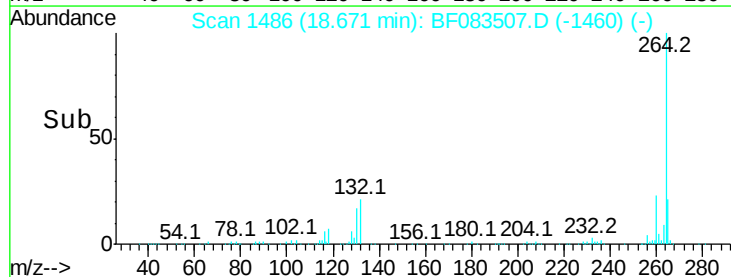
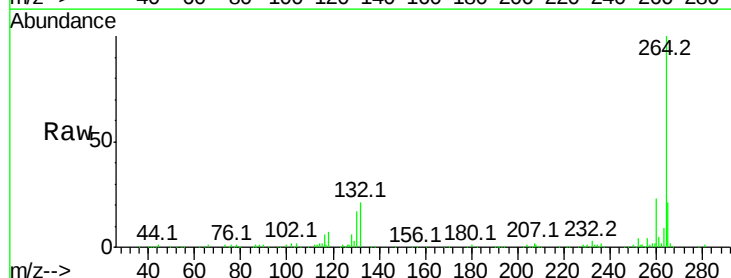
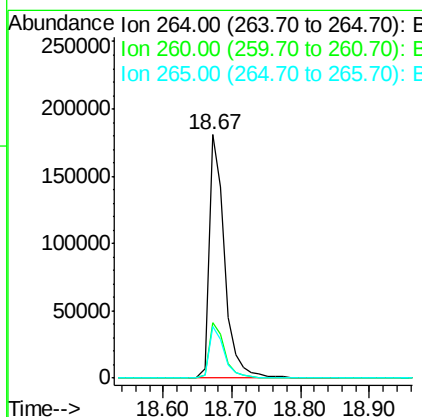
Manual Integrations
APPROVED

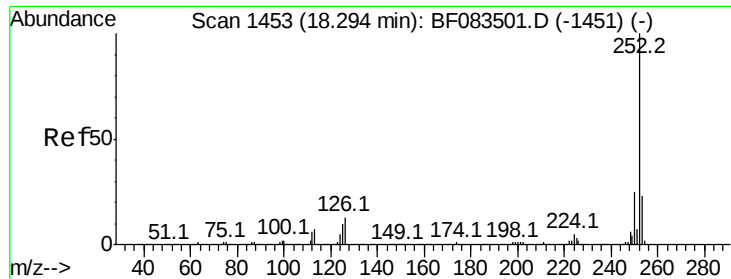
Mmdadoda
12/7/2015 6:30:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.2	17.8	26.6





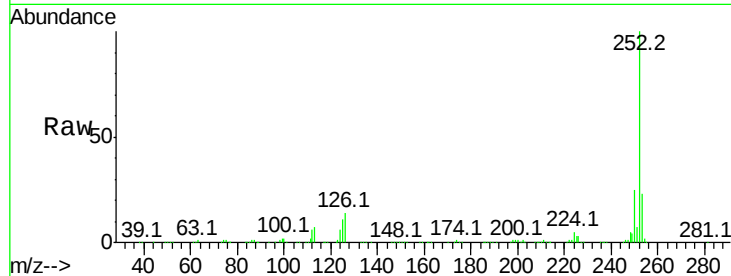
#87
Benzo(b)fluoranthene
Concen: 39.79 ng m
RT: 18.29 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

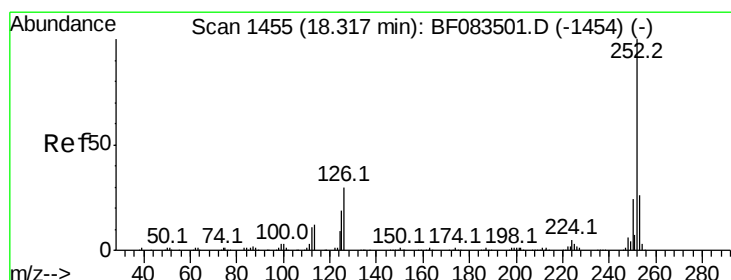
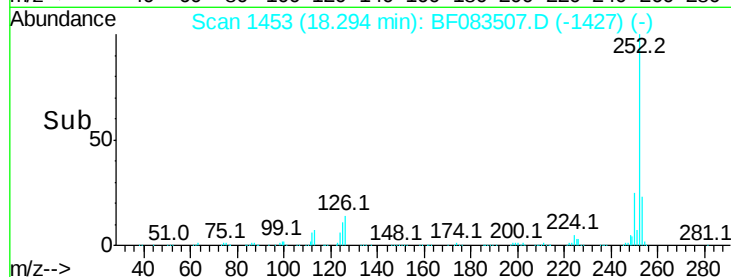
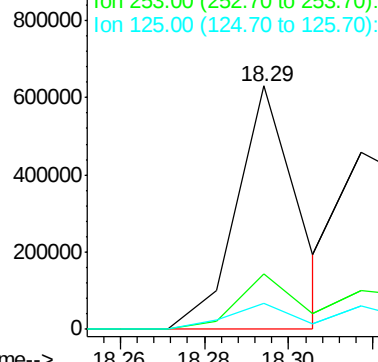
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.7	8.2	12.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:52 PM



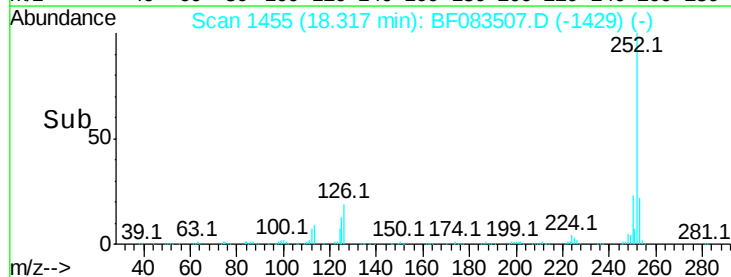
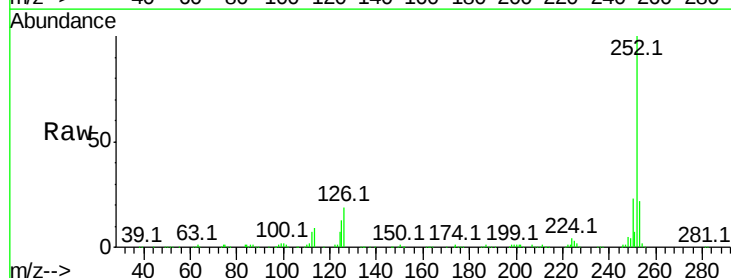
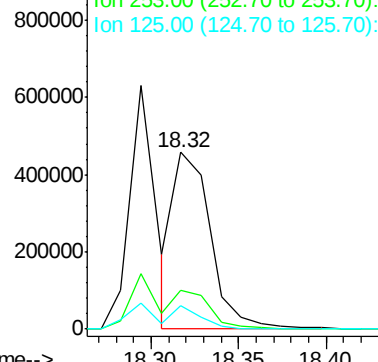
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

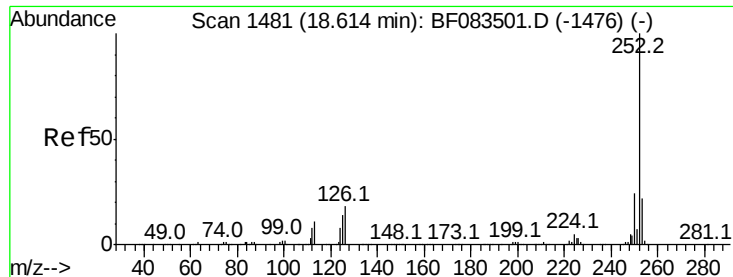


#88
Benzo(k)fluoranthene
Concen: 41.93 ng m
RT: 18.32 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	13.4	11.5	17.3

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





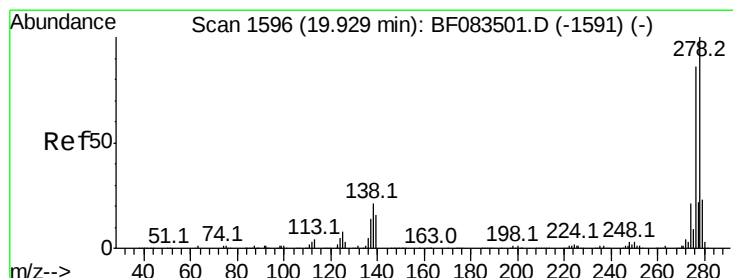
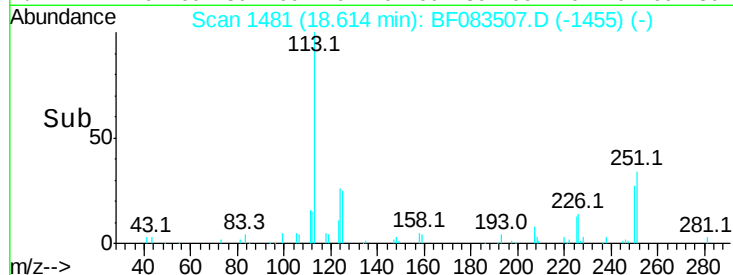
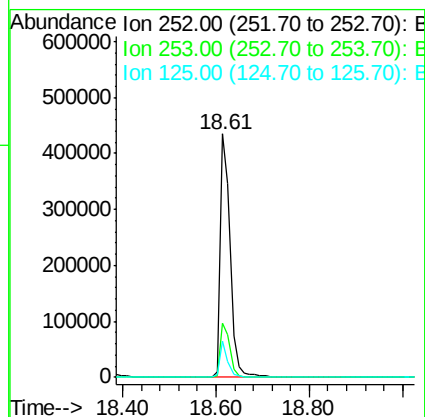
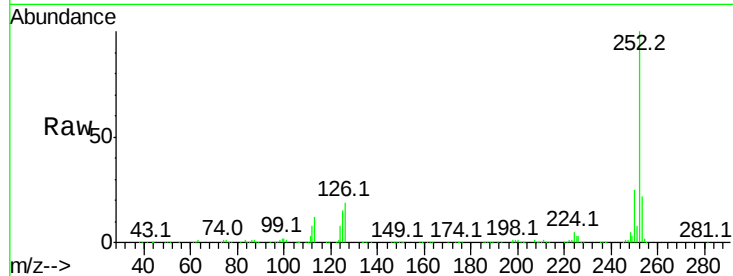
#89
Benzo(a)pyrene
Concen: 40.73 ng
RT: 18.61 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.7	11.0	16.6

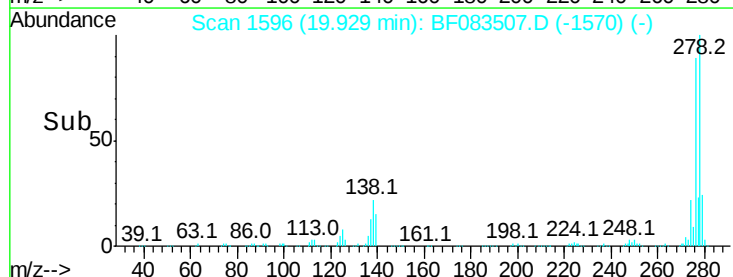
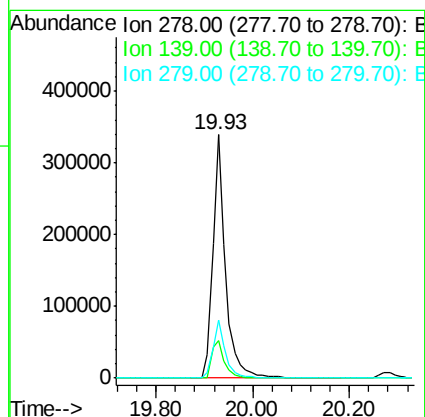
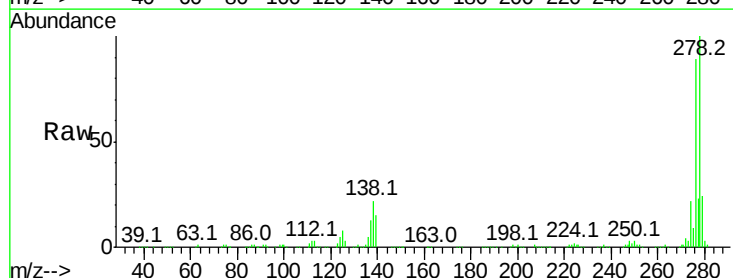
Manual Integrations
APPROVED

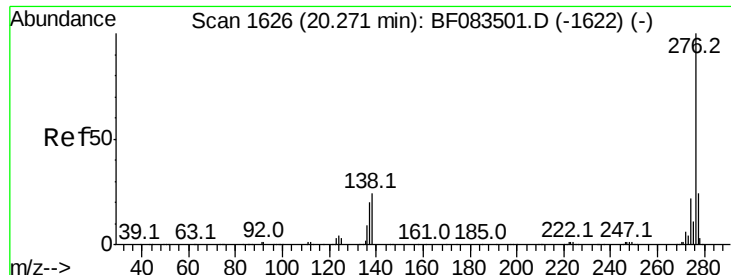
Mmdadoda
12/7/2015 6:30:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.22 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083507.D
Acq: 5 Dec 2015 3:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	23.7	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 42.23 ng
 RT: 20.27 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF083507.D
 Acq: 5 Dec 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	25.3	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:52 PM

