

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082490.D
 Acq On : 24 Oct 2015 3:07
 Operator : UM/IZ
 Sample : G4142-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:34 PM

Quant Time: Oct 24 06:53:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	83710	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	322526	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	159336	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	293273	20.00	ng	0.00
75) Chrysene-d12	13.94	240	217486	20.00	ng	-0.01
86) Perylene-d12	15.40	264	179464	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	656344	158.24	ng	0.01
7) Phenol-d6	6.41	99	803091	148.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	544050	113.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	181321	121.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1072725	111.65	ng	0.00
78) Terphenyl-d14	12.88	244	1009211	122.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	83307	39.98	ng	97
3) Pyridine	3.03	79	118611	24.47	ng	98
4) n-Nitrosodimethylamine	2.98	42	96431	46.91	ng	96
6) Aniline	6.42	93	136500	19.61	ng	# 1
8) 2-Chlorophenol	6.55	128	236753	46.76	ng	98
9) Benzaldehyde	6.30	77	106277	38.56	ng	95
10) Phenol	6.42	94	289198	46.47	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	231378	43.97	ng	95
12) 1,3-Dichlorobenzene	6.70	146	273673m	46.41	ng	
13) 1,4-Dichlorobenzene	6.77	146	280161	45.49	ng	96
14) 1,2-Dichlorobenzene	6.93	146	286940	49.07	ng	93
15) Benzyl Alcohol	6.91	79	208633	55.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	338146	46.14	ng	70
17) 2-Methylphenol	7.03	107	195795	48.90	ng	# 91
18) Hexachloroethane	7.26	117	94609	44.88	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	170024	44.86	ng	# 86
20) 3+4-Methylphenols	7.19	107	255387	53.53	ng	# 62
22) Acetophenone	7.18	105	353473	55.40	ng	# 86
24) Nitrobenzene	7.35	77	257093	49.45	ng	95
25) Isophorone	7.59	82	482269	49.75	ng	98
26) 2-Nitrophenol	7.67	139	142467	54.88	ng	97
27) 2,4-Dimethylphenol	7.71	122	239511	57.27	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	302837	53.69	ng	100
29) 2,4-Dichlorophenol	7.92	162	218674	52.31	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	244190	50.68	ng	99
31) Naphthalene	8.07	128	736955	52.71	ng	100
32) Benzoic acid	7.85	122	82296	29.32	ng	97
33) 4-Chloroaniline	8.13	127	92899	16.00	ng	96
34) Hexachlorobutadiene	8.18	225	139996	46.63	ng	98
35) Caprolactam	8.50	113	64211	52.92	ng	# 81
36) 4-Chloro-3-methylphenol	8.63	107	230875	56.47	ng	91
37) 2-Methylnaphthalene	8.75	142	473977	48.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	248649	52.47	ng	98
40) Hexachlorocyclopentadiene	8.90	237	85244	40.16	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082490.D
 Acq On : 24 Oct 2015 3:07
 Operator : UM/IZ
 Sample : G4142-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

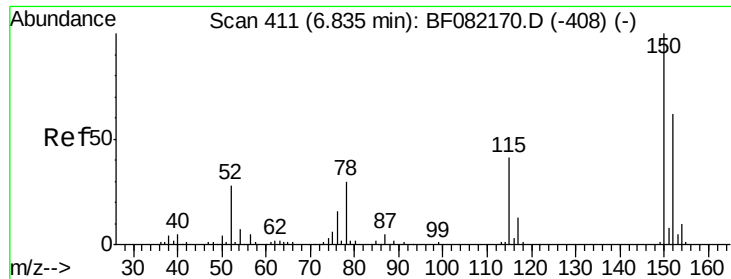
Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:34 PM

Quant Time: Oct 24 06:53:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	158850	50.46	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	163563	47.97	ng	99
45) 1,1'-Biphenyl	9.22	154	573991	47.24	ng	99
46) 2-Chloronaphthalene	9.25	162	455088	47.58	ng	# 92
47) 2-Nitroaniline	9.36	65	143625	54.70	ng	# 76
48) Acenaphthylene	9.67	152	753174	50.55	ng	99
49) Dimethylphthalate	9.53	163	774450	69.02	ng	100
50) 2,6-Dinitrotoluene	9.60	165	115458	48.77	ng	# 78
51) Acenaphthene	9.84	154	449728	50.28	ng	98
52) 3-Nitroaniline	9.77	138	79252	29.64	ng	98
53) 2,4-Dinitrophenol	9.89	184	66596	52.71	ng	96
54) Dibenzofuran	10.01	168	675013	54.97	ng	99
55) 4-Nitrophenol	9.95	139	125395	71.06	ng	# 83
56) 2,4-Dinitrotoluene	10.01	165	158760	53.65	ng	91
57) Fluorene	10.35	166	539629	53.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	134186	48.16	ng	96
59) Diethylphthalate	10.23	149	525789	50.27	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	236817	51.26	ng	97
61) 4-Nitroaniline	10.39	138	110798	42.72	ng	94
62) Azobenzene	10.50	77	507695	49.60	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	57613	35.01	ng	88
65) n-Nitrosodiphenylamine	10.47	169	445342	50.72	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	150334	51.22	ng	96
67) Hexachlorobenzene	10.89	284	148669	46.84	ng	# 59
68) Atrazine	11.01	200	165099	59.35	ng	95
69) Pentachlorophenol	11.10	266	144507	88.47	ng	98
70) Phenanthrene	11.31	178	768798	53.48	ng	100
71) Anthracene	11.36	178	752076	50.77	ng	99
72) Carbazole	11.53	167	691565	51.18	ng	98
73) Di-n-butylphthalate	11.85	149	807704	48.45	ng	100
74) Fluoranthene	12.50	202	786916	50.97	ng	99
76) Benzidine	12.64	184	59372	9.42	ng	98
77) Pyrene	12.73	202	775872	60.11	ng	99
79) Butylbenzylphthalate	13.35	149	347540	59.00	ng	88
80) Benzo(a)anthracene	13.93	228	585384	51.73	ng	100
81) 3,3'-Dichlorobenzidine	13.90	252	182740	42.54	ng	98
82) Chrysene	13.97	228	505671	42.41	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	503116	59.87	ng	99
84) Di-n-octyl phthalate	14.56	149	753621	52.22	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	515231	54.37	ng	98
87) Benzo(b)fluoranthene	15.00	252	492061m	45.07	ng	
88) Benzo(k)fluoranthene	15.02	252	484714m	52.82	ng	
89) Benzo(a)pyrene	15.34	252	472469	50.35	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	435225	56.60	ng	96
91) Benzo(g,h,i)perylene	17.20	276	427107	57.17	ng	99

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



#1

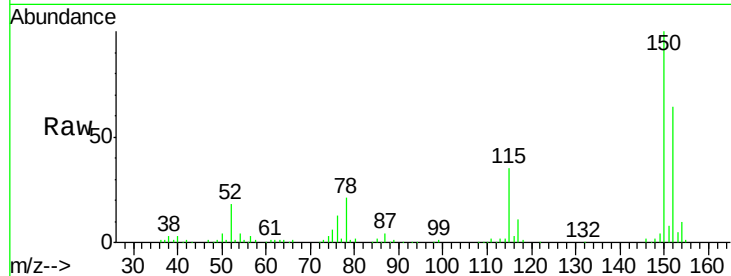
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	129.0	193.4
115	54.4	52.1	78.1

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM

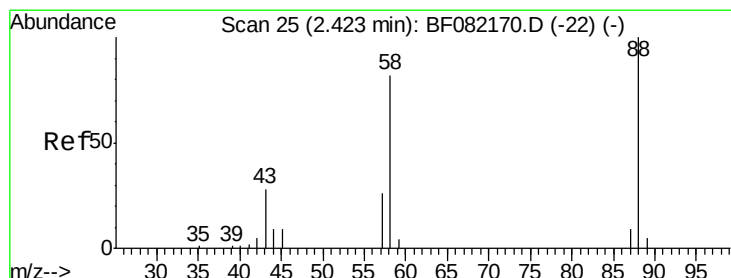
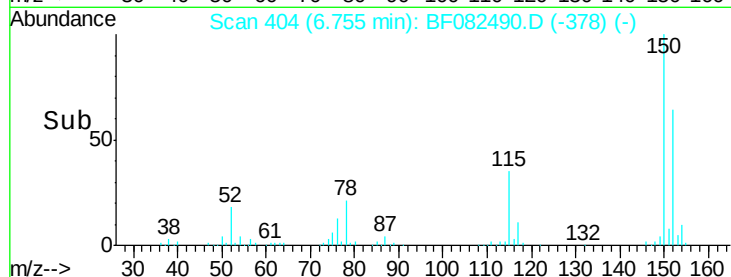
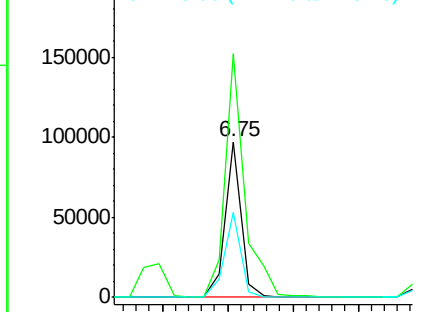


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

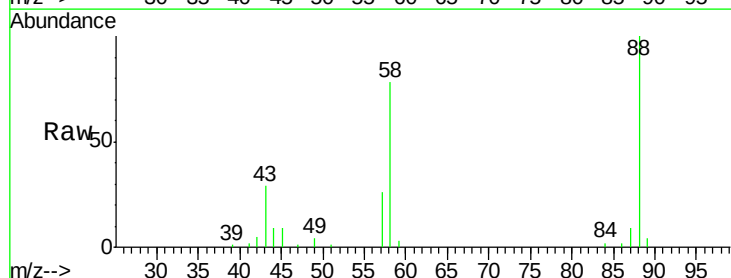
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.98 ng
RT: 2.33 min Scan# 17
Delta R.T. 0.07 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	66.2	99.4
43	32.9	23.0	34.4

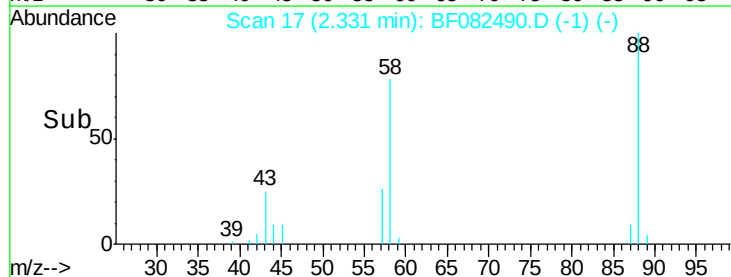
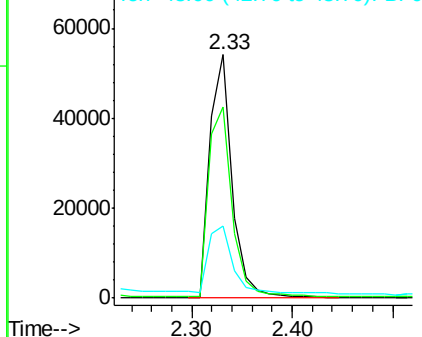


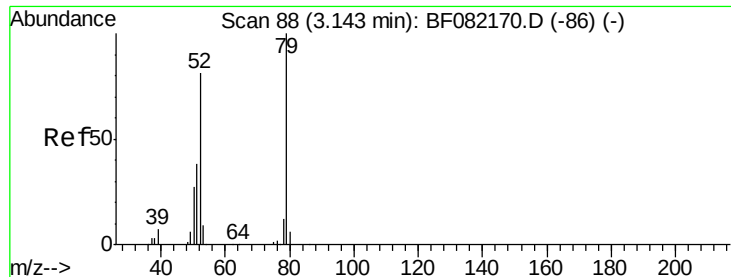
Abundance

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

Pyridine

Concen: 24.47 ng

RT: 3.03 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF082490.D

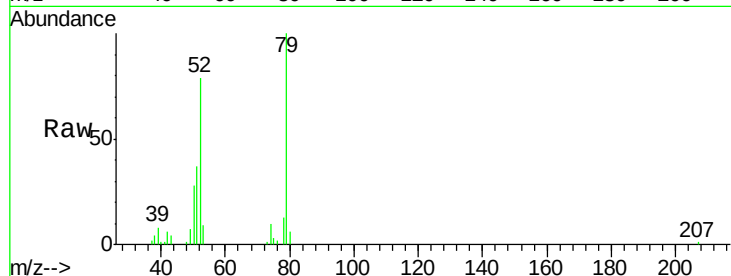
Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

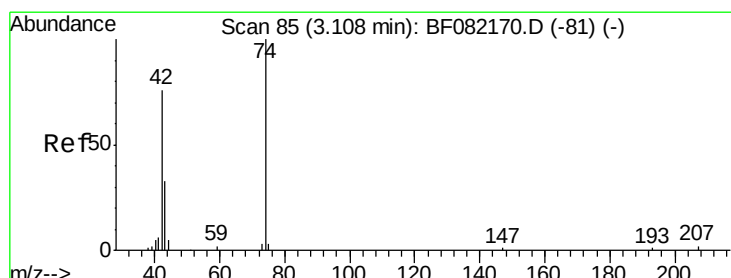
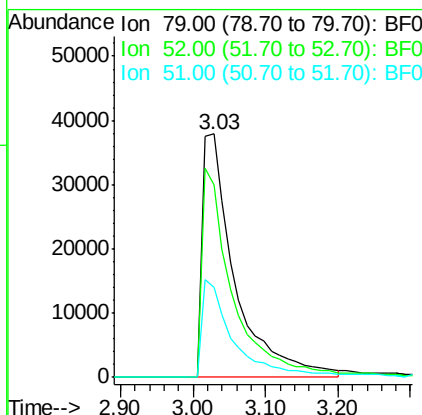
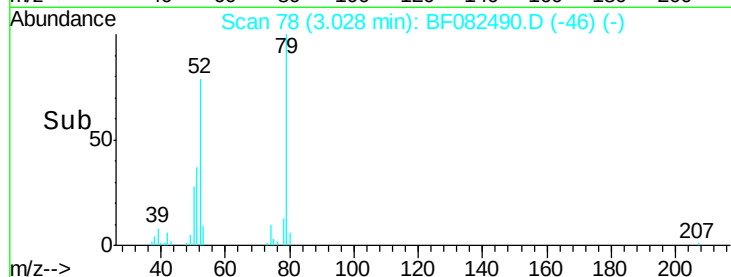
NC-003MSD



Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.8	64.4	96.6
51	37.1	30.5	45.7

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#4

n-Nitrosodimethylamine

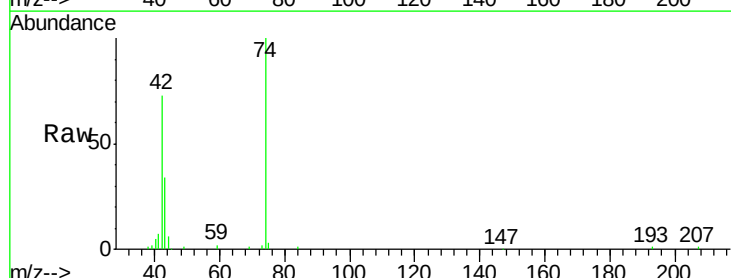
Concen: 46.91 ng

RT: 2.98 min Scan# 74

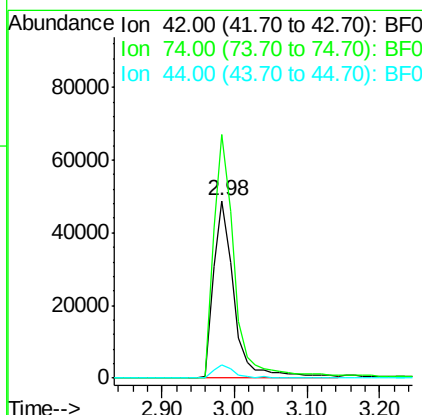
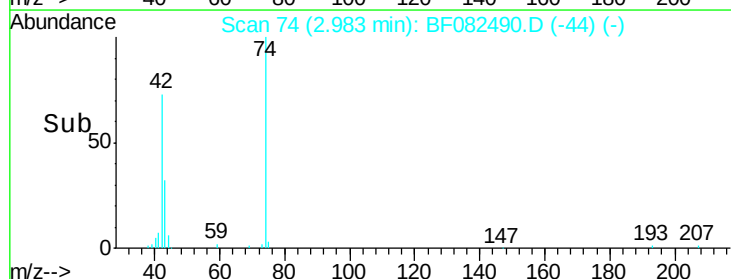
Delta R.T. 0.05 min

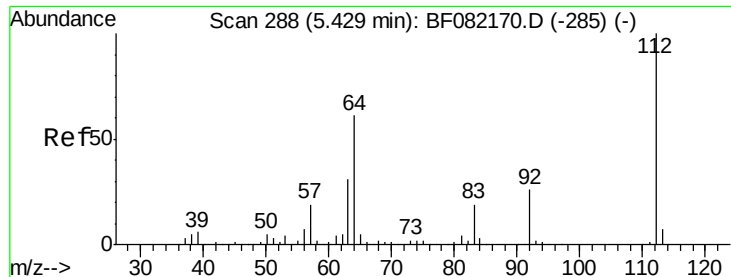
Lab File: BF082490.D

Acq: 24 Oct 2015 3:07



Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.2	105.7	158.5
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 158.24 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082490.D

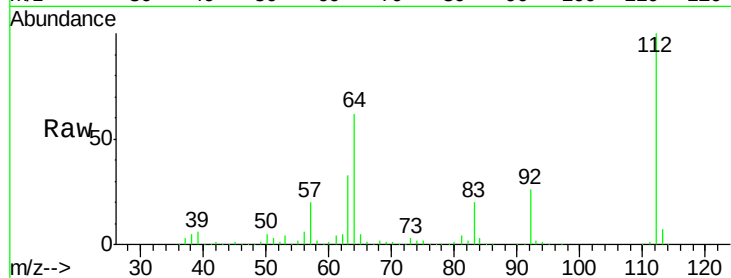
Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

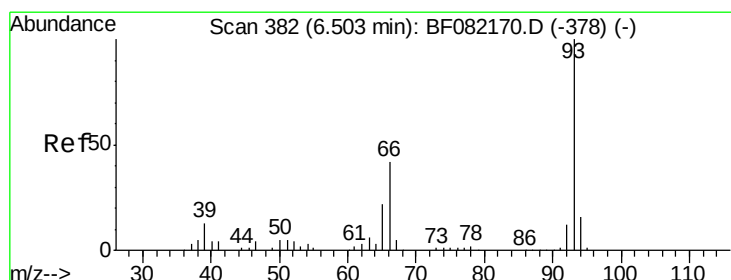
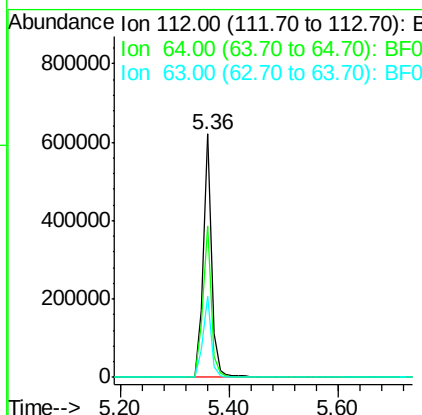
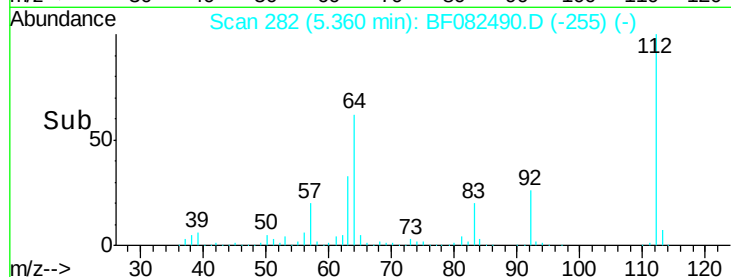
NC-003MSD



Tgt Ion:	112	Resp:	656344
Ion Ratio	Lower	Upper	
112	100		
64	62.2	48.6	73.0
63	33.1	25.1	37.7

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#6

Aniline

Concen: 19.61 ng

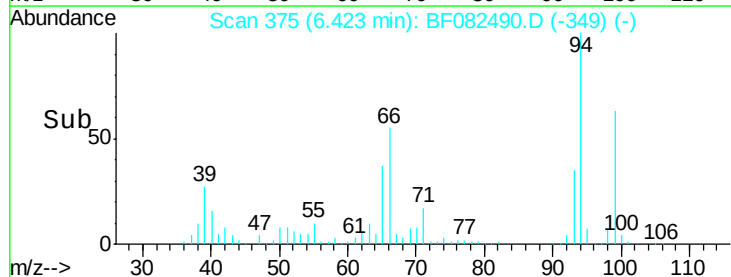
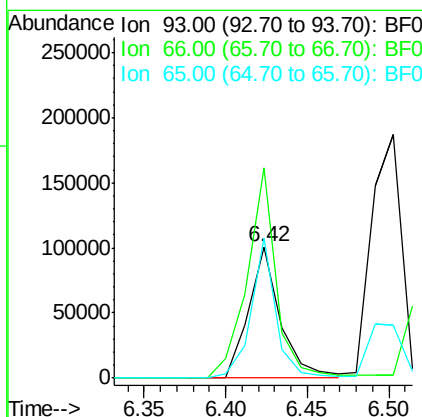
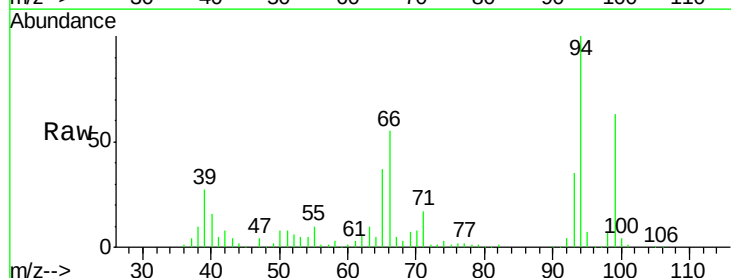
RT: 6.42 min Scan# 375

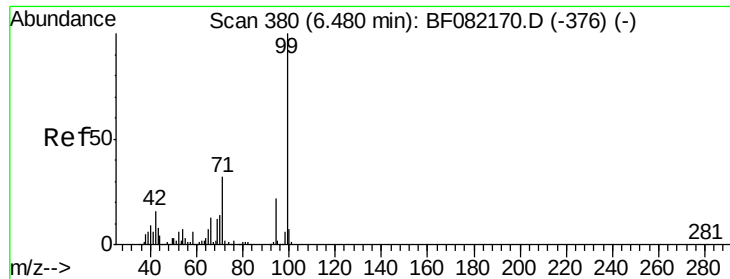
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	93	Resp:	136500
Ion Ratio	Lower	Upper	
93	100		
66	159.8	34.2	51.2#
65	106.5	17.9	26.9#





#7

Phenol-d6

Concen: 148.79 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082490.D

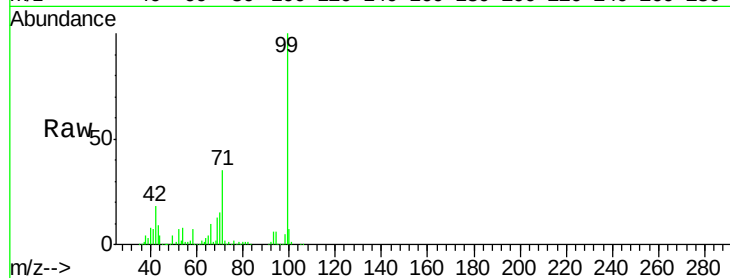
Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

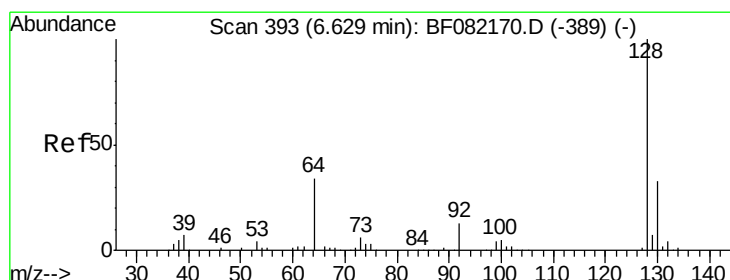
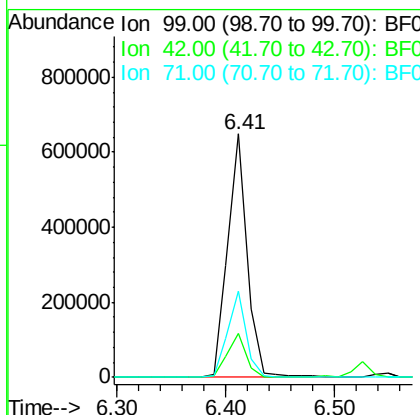
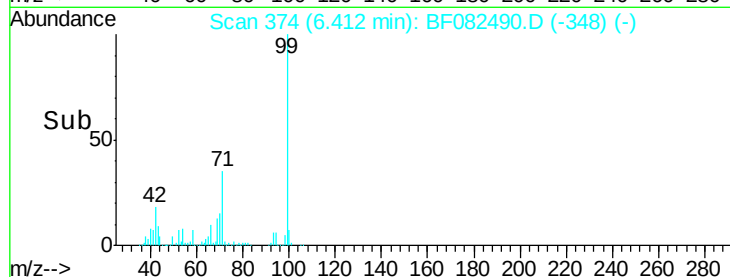
NC-003MSD



Tgt Ion:	99	Resp:	803091
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.2	19.8
71	35.2	25.6	38.4

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#8

2-Chlorophenol

Concen: 46.76 ng

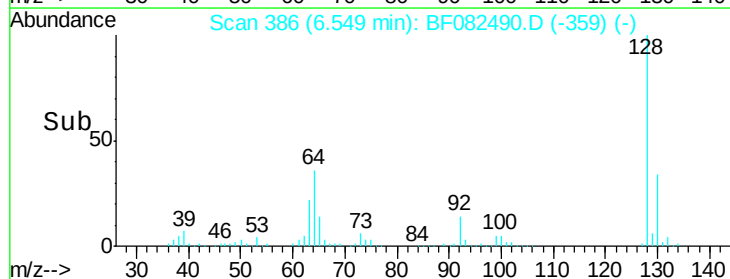
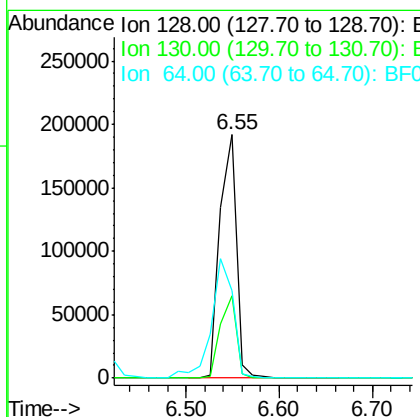
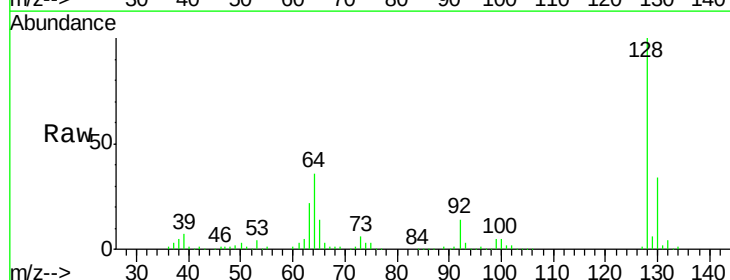
RT: 6.55 min Scan# 386

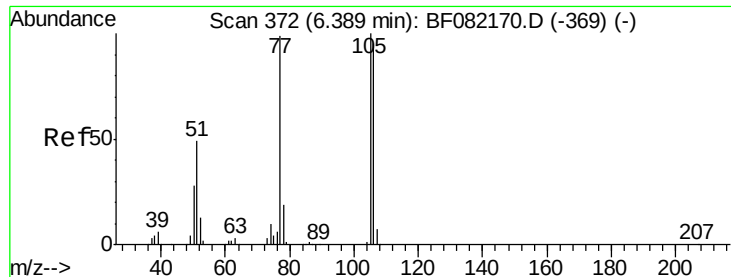
Delta R.T. 0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	128	Resp:	236753
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	35.9	16.7	56.7





#9

Benzaldehyde

Concen: 38.56 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

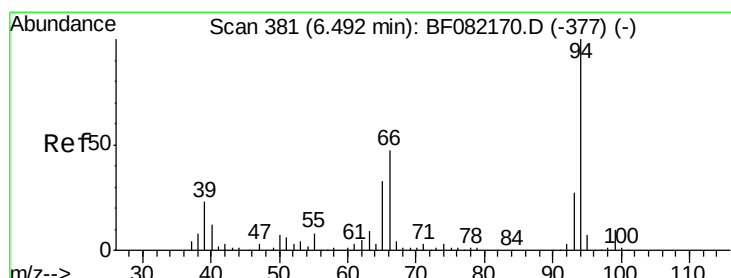
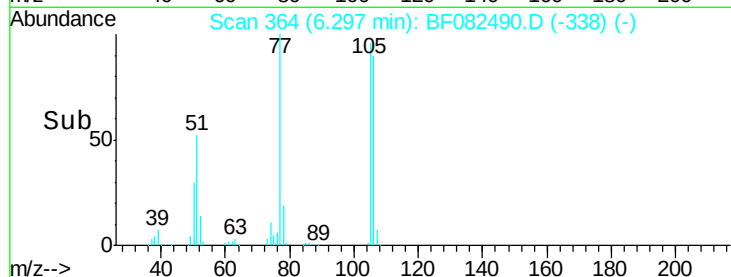
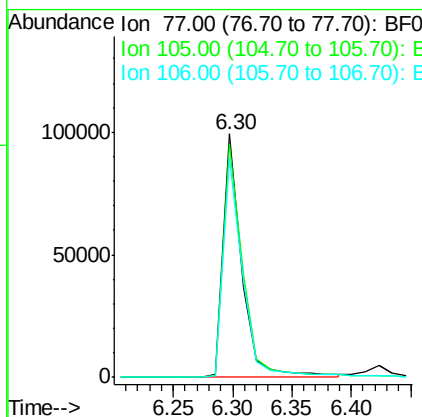
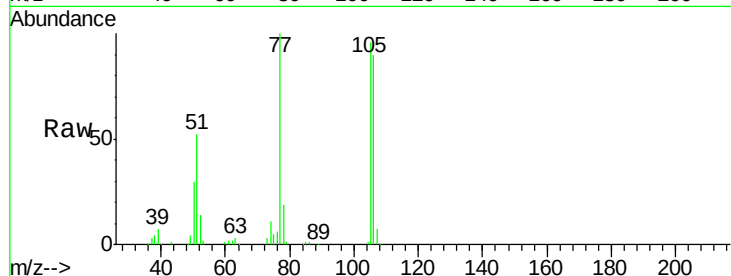
ClientSampleId :

NC-003MSD

Tgt Ion:	77	Resp:	106277
Ion Ratio	Lower	Upper	
77	100		
105	95.6	80.6	120.6
106	90.1	75.5	115.5

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#10

Phenol

Concen: 46.47 ng

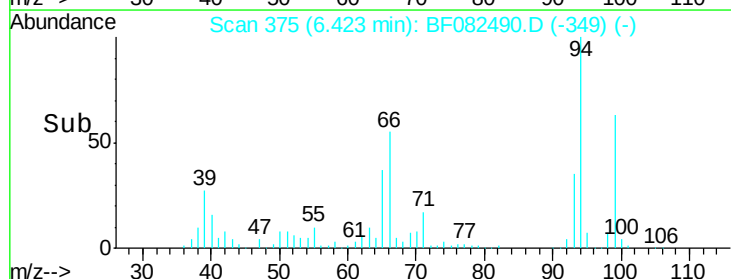
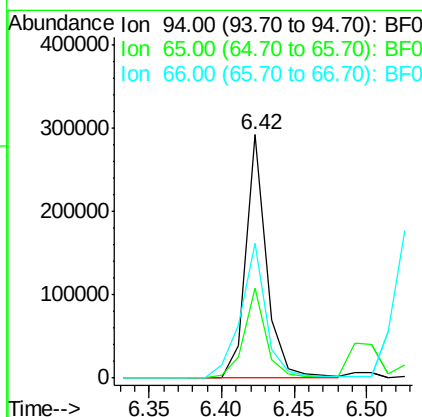
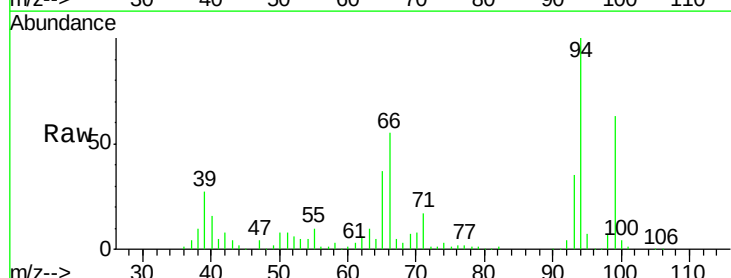
RT: 6.42 min Scan# 375

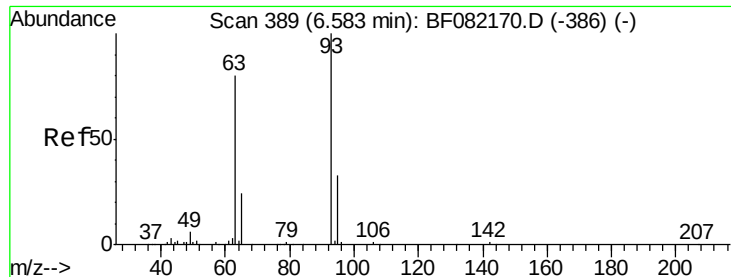
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	94	Resp:	289198
Ion Ratio	Lower	Upper	
94	100		
65	36.9	12.6	52.6
66	55.4	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 43.97 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

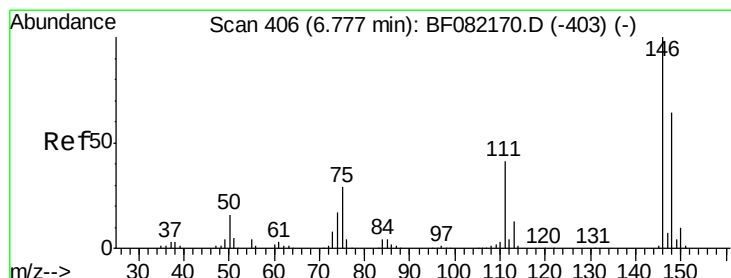
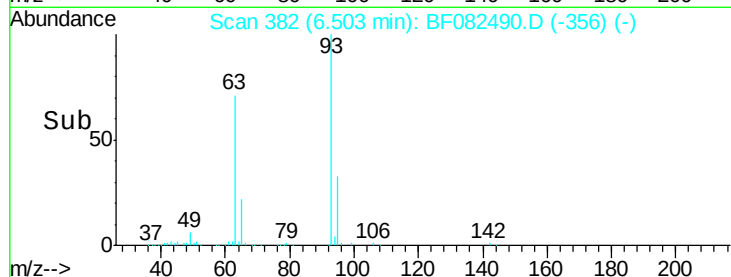
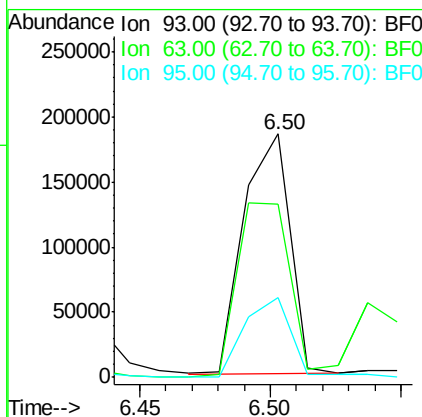
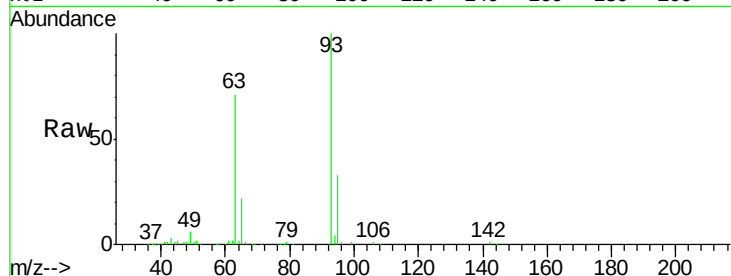
ClientSampleId :

NC-003MSD

Tgt Ion:	93	Resp:	231378
Ion Ratio	Lower	Upper	
93	100		
63	71.3	57.1	97.1
95	32.8	11.9	51.9

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#12

1,3-Dichlorobenzene

Concen: 46.41 ng m

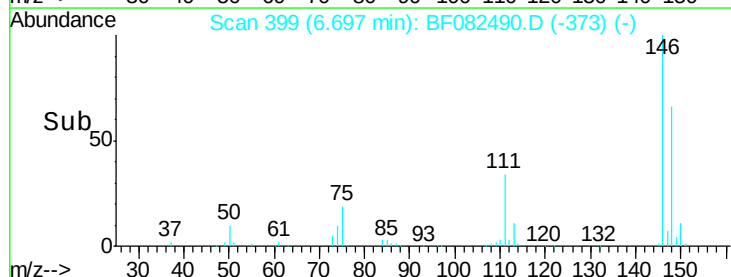
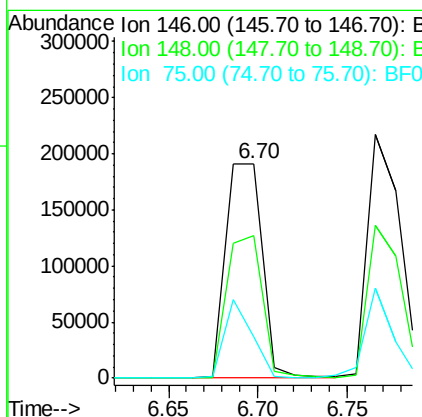
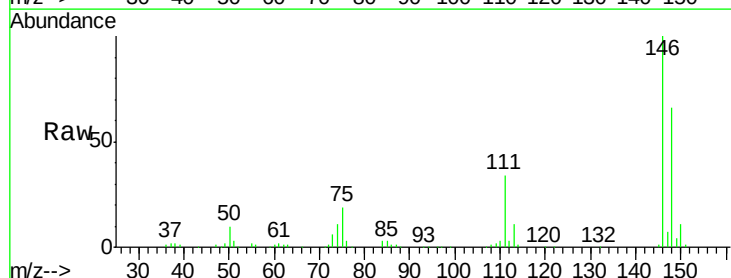
RT: 6.70 min Scan# 399

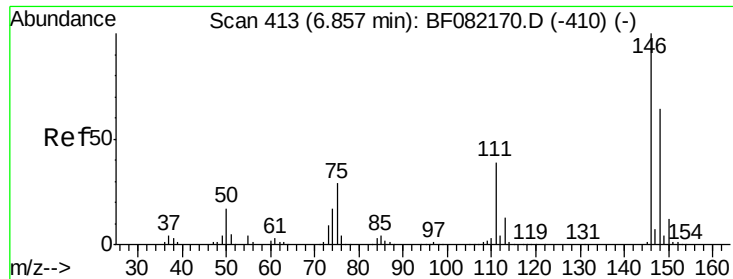
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	146	Resp:	273673
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.4	77.2
75	19.3	23.0	34.6#





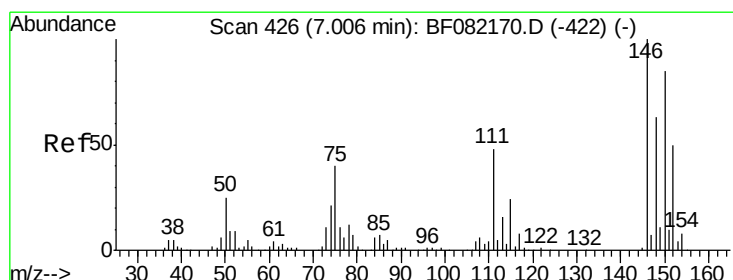
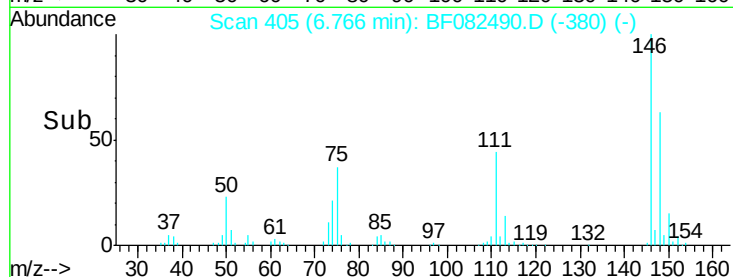
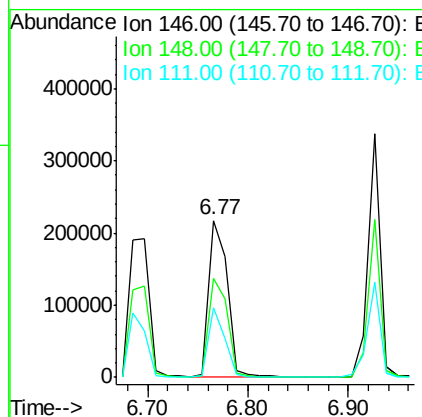
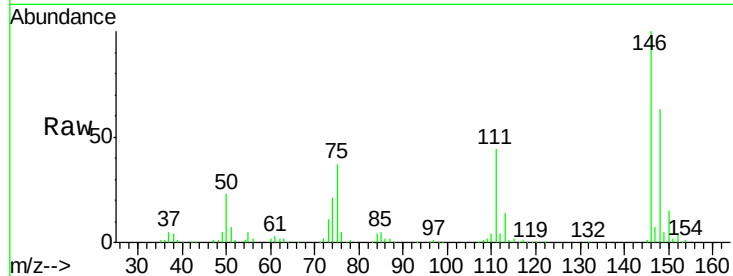
#13
 1,4-Dichlorobenzene
 Concen: 45.49 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280161		
148	62.9	51.0	76.4	
111	44.1	31.1	46.7	

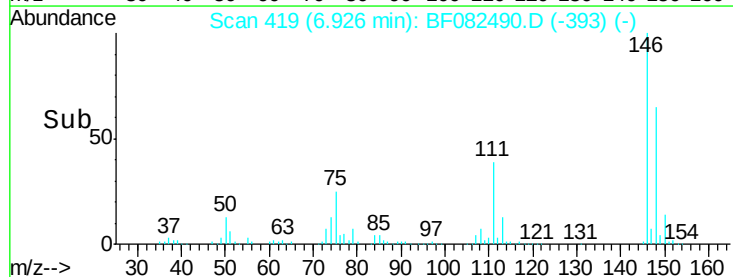
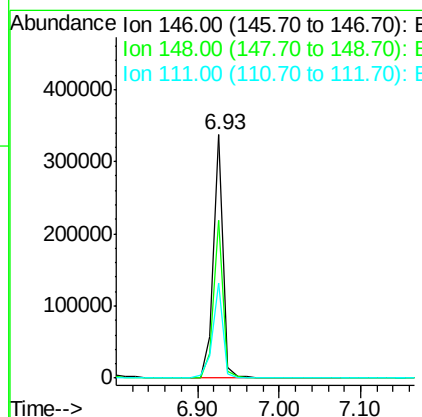
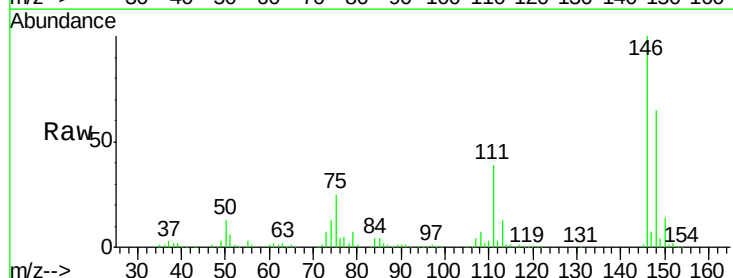
Manual Integrations
 APPROVED

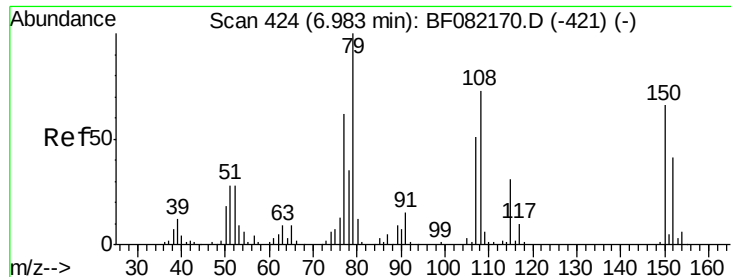
MmDadoda
 10/26/2015 7:22:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.07 ng
 RT: 6.93 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286940		
148	64.8	50.5	75.7	
111	39.1	38.5	57.7	





#15

Benzyl Alcohol

Concen: 55.99 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

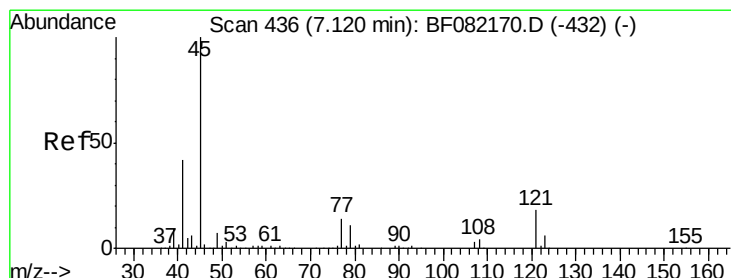
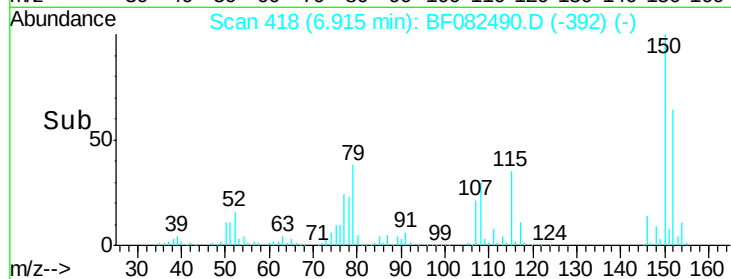
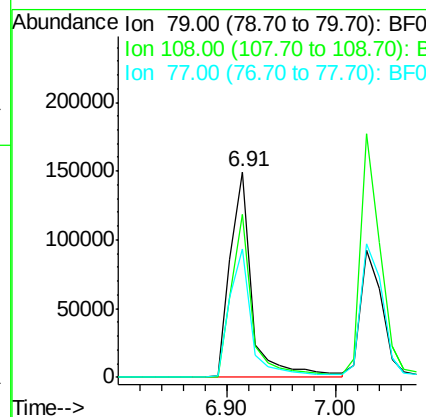
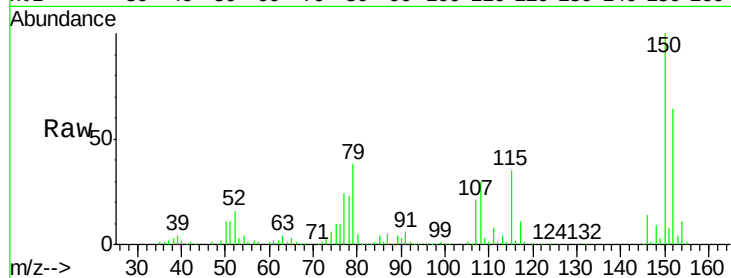
ClientSampleId :

NC-003MSD

Tgt Ion:	79	Resp:	208633
Ion Ratio	Lower	Upper	
79	100		
108	79.7	58.4	87.6
77	62.7	49.8	74.6

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.14 ng

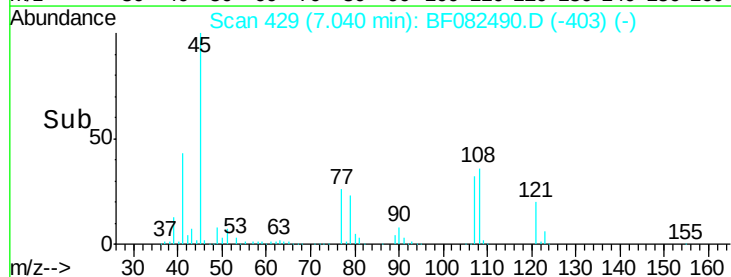
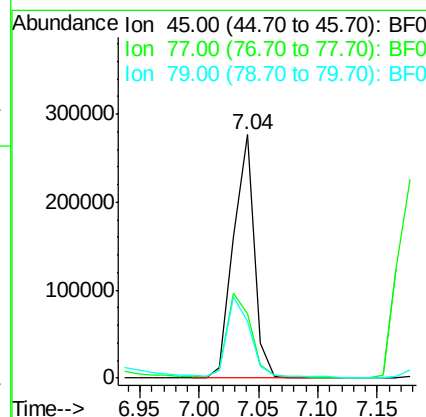
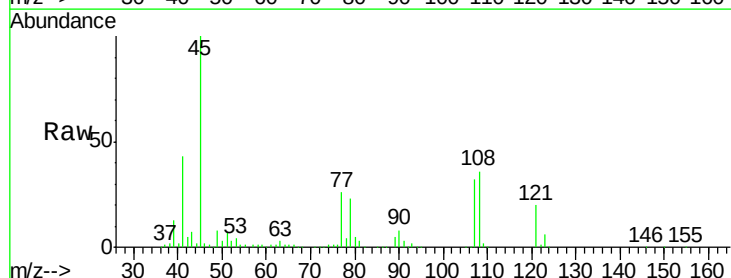
RT: 7.04 min Scan# 429

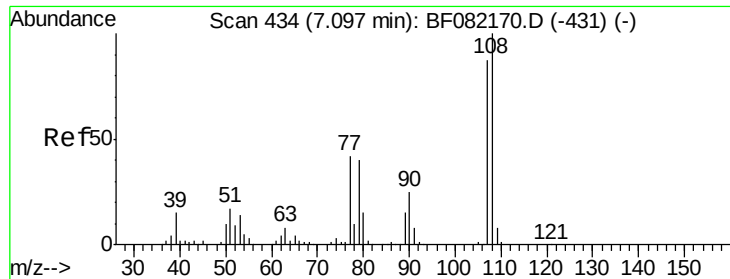
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	45	Resp:	338146
Ion Ratio	Lower	Upper	
45	100		
77	26.4	0.0	34.5
79	23.4	0.0	31.6





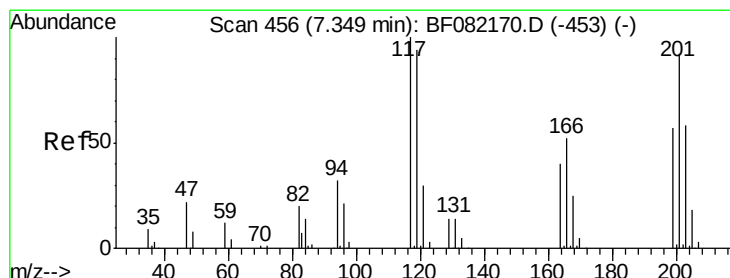
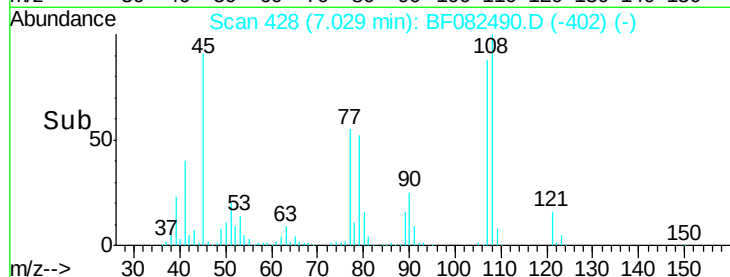
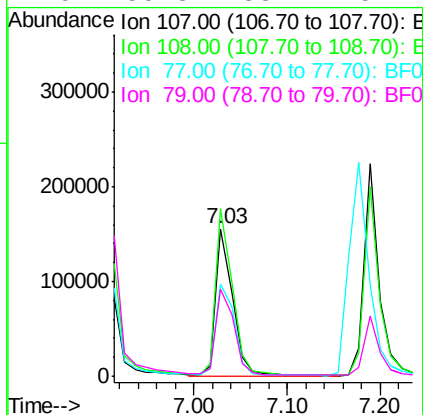
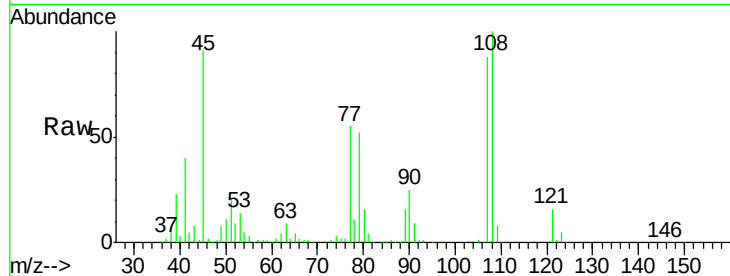
#17
2-Methylphenol
Concen: 48.90 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.7	92.2	138.2
77	62.2	39.6	59.4
79	59.3	38.2	57.4

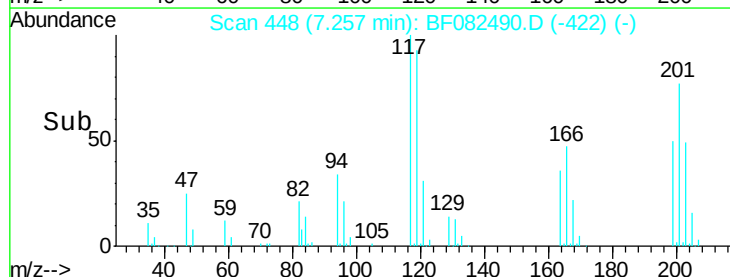
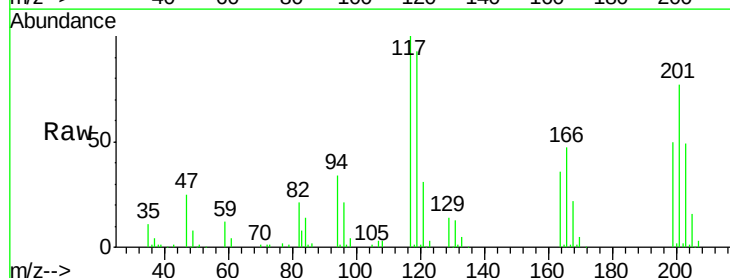
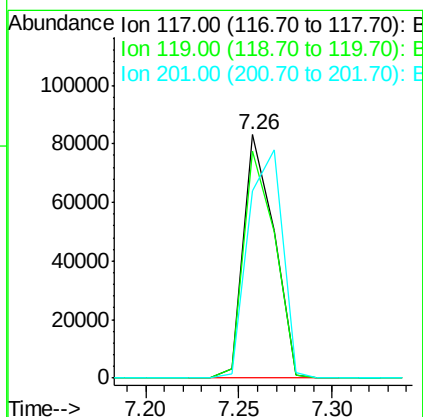
Manual Integrations
APPROVED

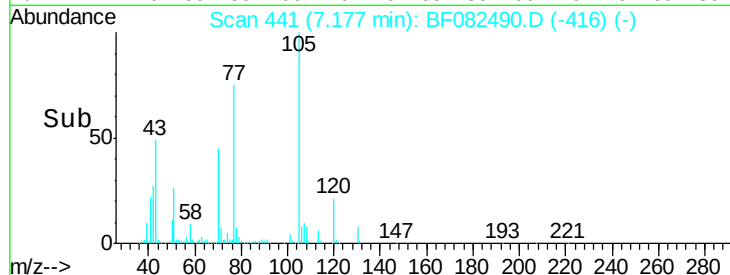
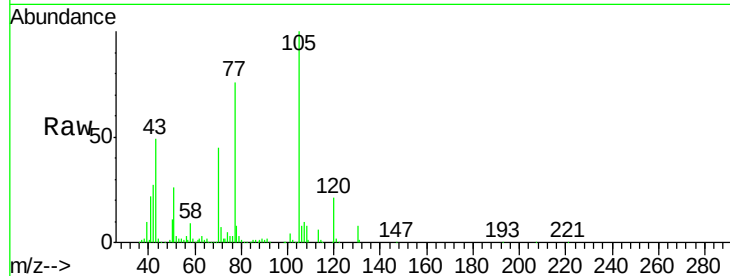
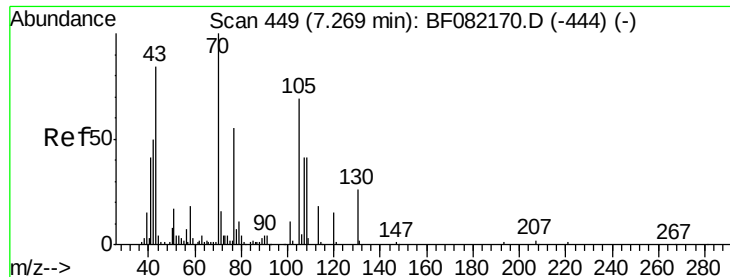
MmDadoda
10/26/2015 7:22:34 PM



#18
Hexachloroethane
Concen: 44.88 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	93.3	75.4	113.2
201	77.1	73.4	110.0





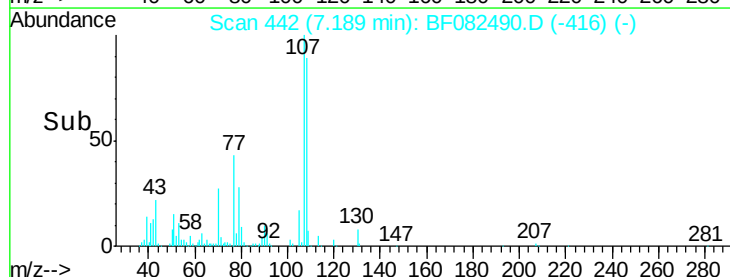
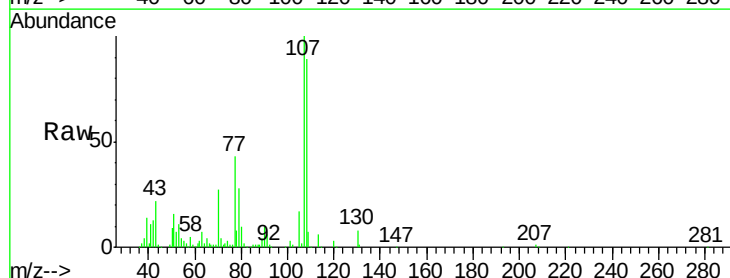
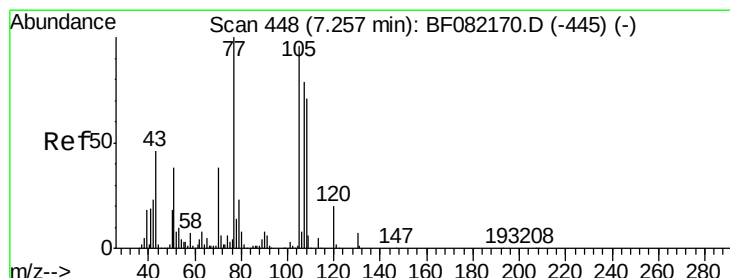
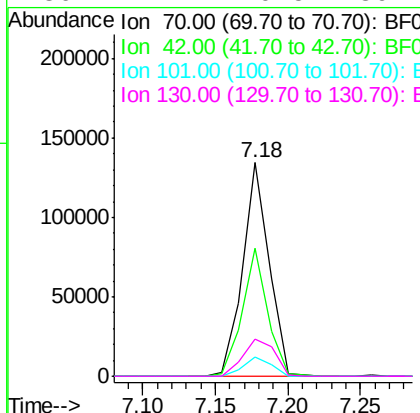
#19
n-Nitroso-di-n-propylamine
Concen: 44.86 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.8	39.8	59.8#
101	8.8	8.6	13.0
130	17.4	20.5	30.7#

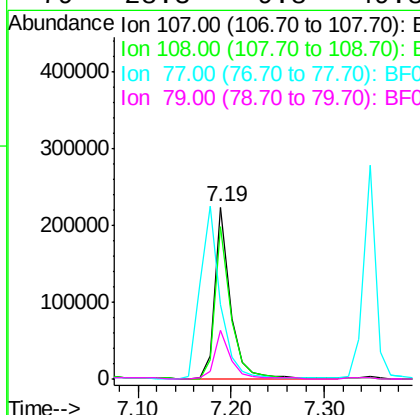
Manual Integrations
APPROVED

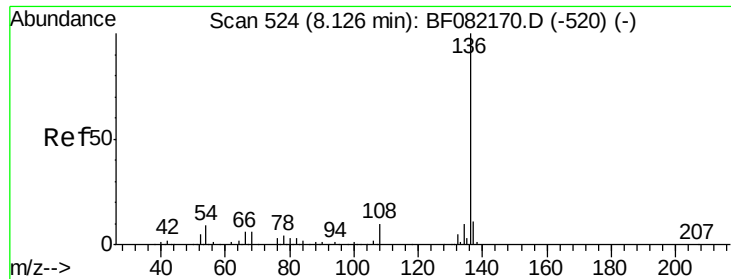
MmDadoda
10/26/2015 7:22:34 PM



#20
3+4-Methylphenols
Concen: 53.53 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	43.1	106.0	146.0#
79	28.3	9.8	49.8





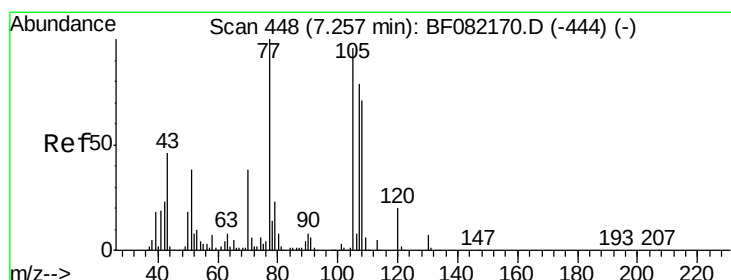
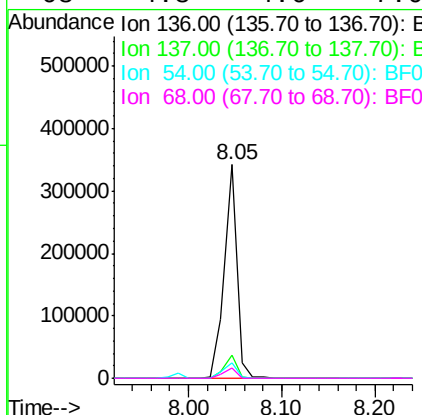
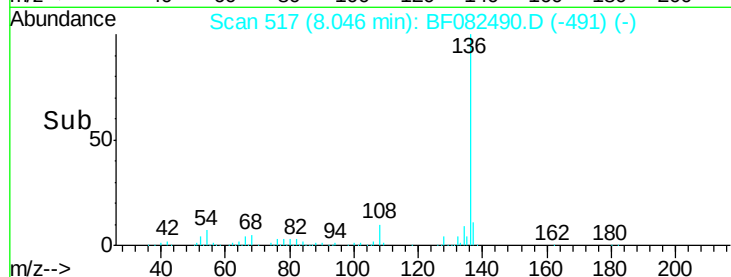
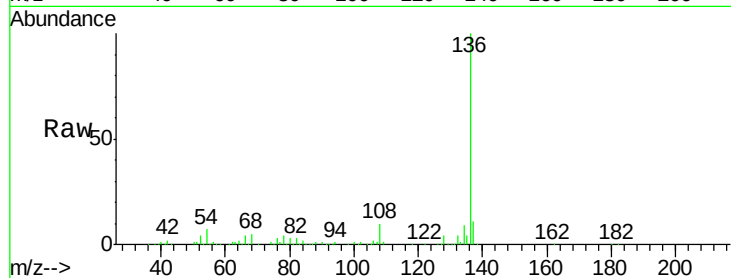
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.0	13.6
54	7.1	7.5	11.3#
68	4.8	4.6	7.0

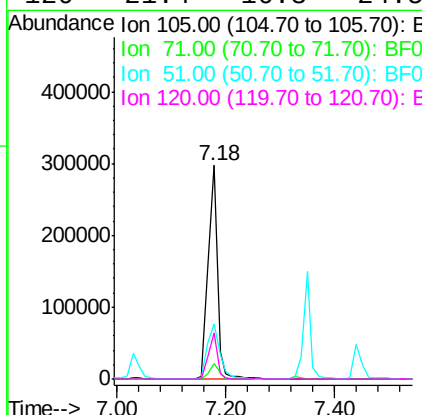
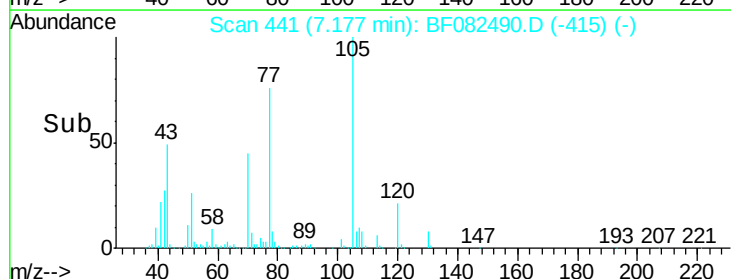
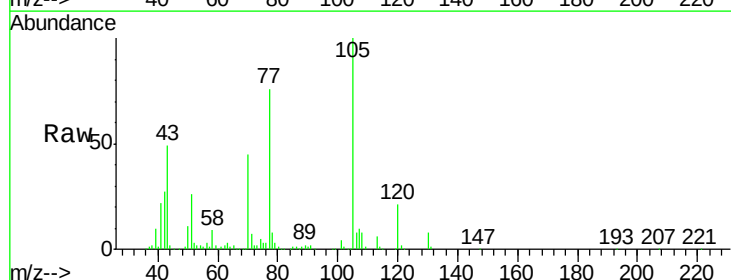
Manual Integrations
APPROVED

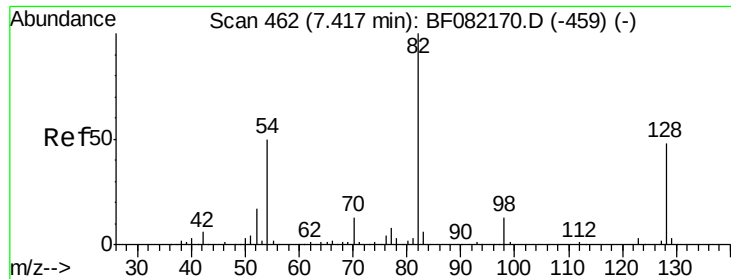
MmDadoda
10/26/2015 7:22:34 PM



#22
Acetophenone
Concen: 55.40 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.2	5.4	8.0
51	26.0	31.8	47.6#
120	21.4	16.3	24.5





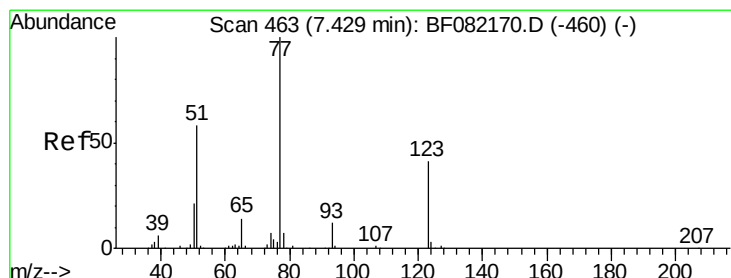
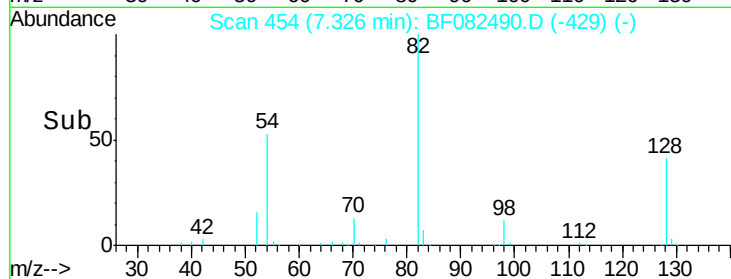
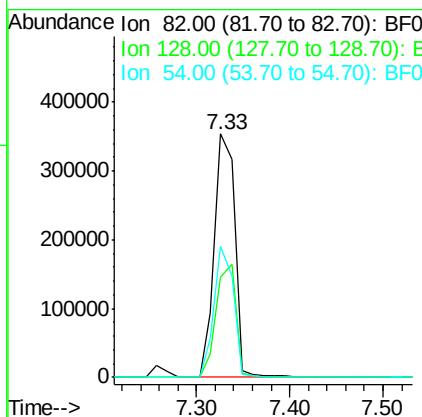
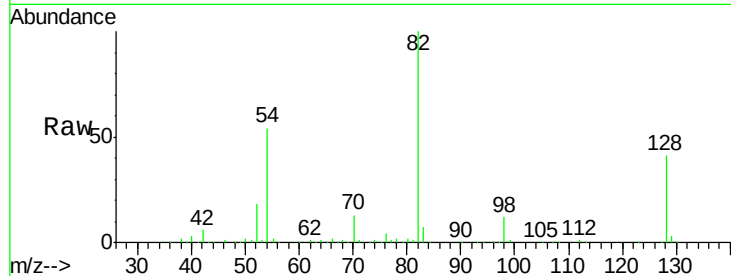
#23
 Nitrobenzene-d5
 Concen: 113.28 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	38.7	58.1
54	53.9	40.1	60.1

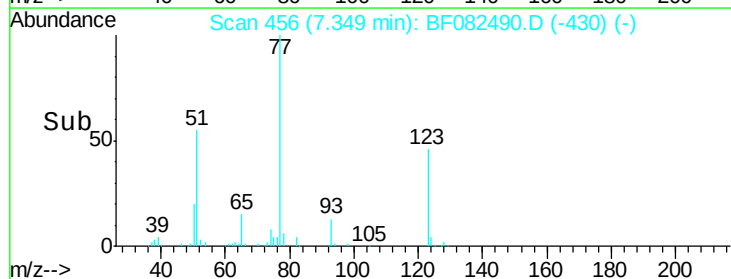
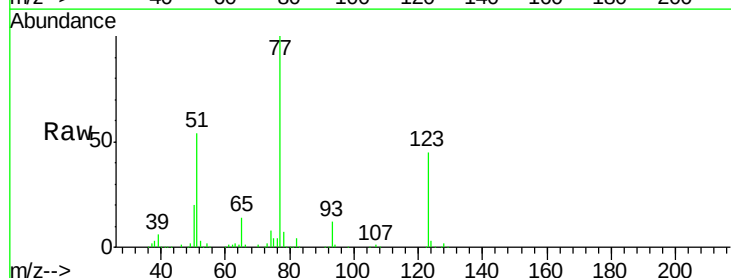
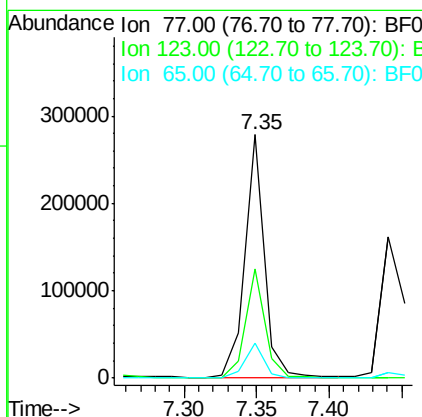
Manual Integrations
 APPROVED

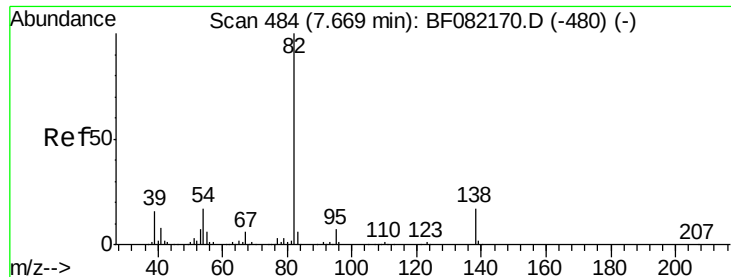
MmDadoda
 10/26/2015 7:22:34 PM



#24
 Nitrobenzene
 Concen: 49.45 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 49.75 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082490.D

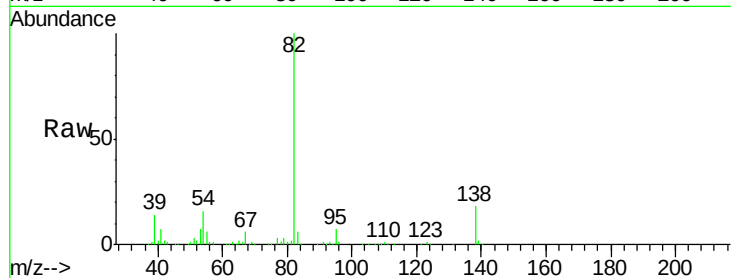
Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

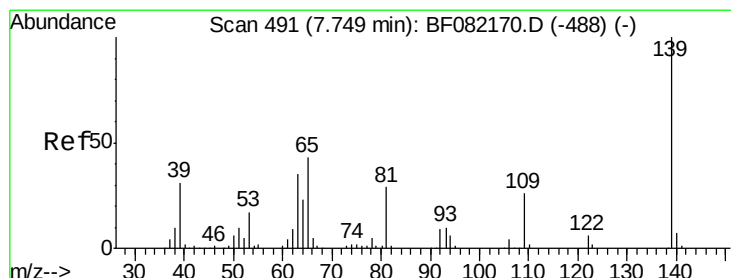
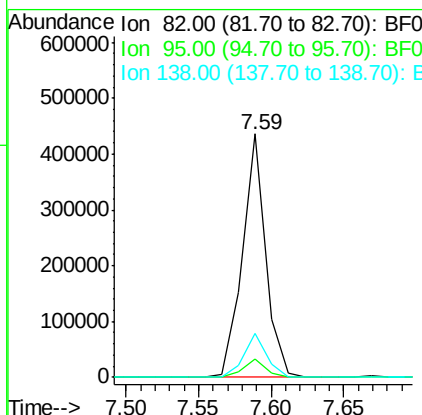
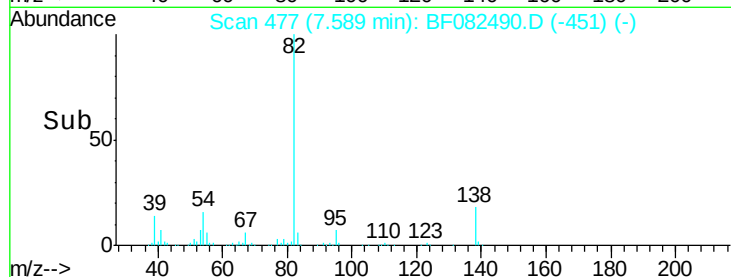
NC-003MSD



Tgt Ion:	82	Resp:	482269
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	18.2	13.6	20.4

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#26

2-Nitrophenol

Concen: 54.88 ng

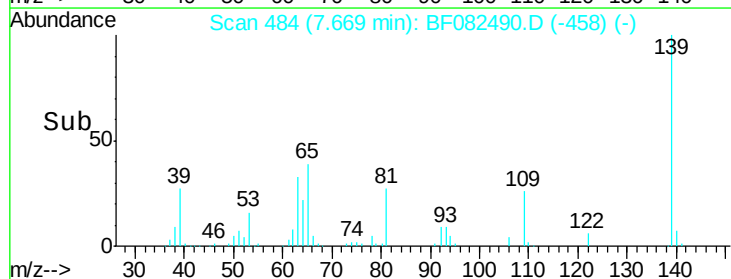
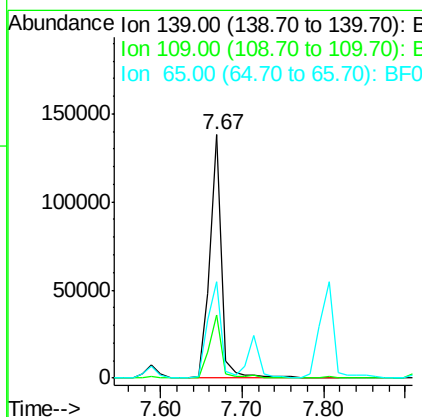
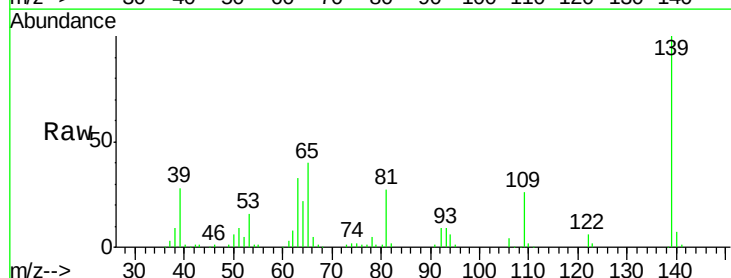
RT: 7.67 min Scan# 484

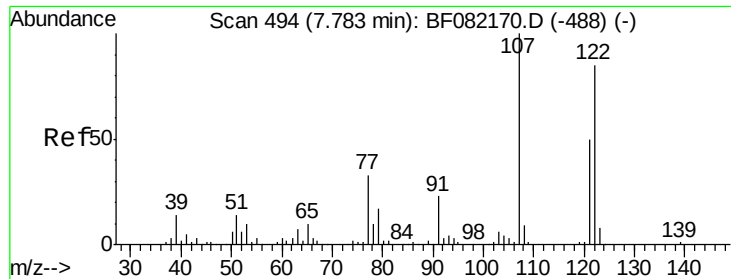
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	139	Resp:	142467
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.6	31.0
65	39.7	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 57.27 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

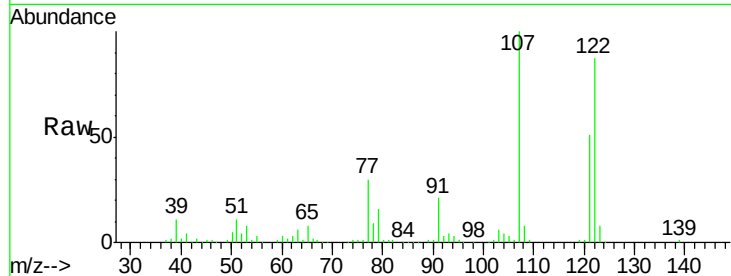
NC-003MSD

Manual Integrations
APPROVED

MmDadoda

10/26/2015 7:22:34 PM

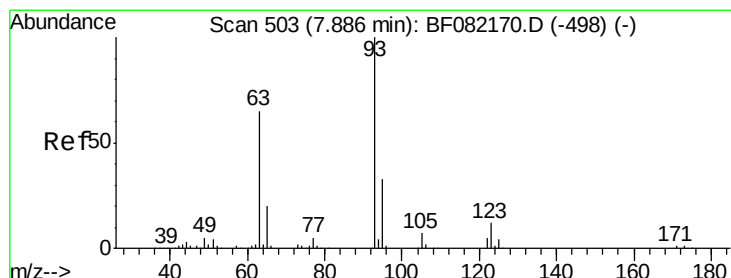
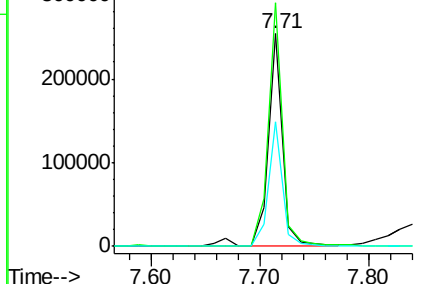
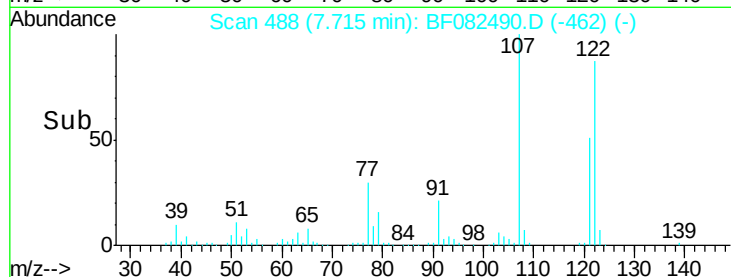
Tgt Ion:	122	Resp:	239511
Ion Ratio	Lower	Upper	
122	100		
107	114.6	94.0	141.0
121	58.4	46.8	70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.69 ng

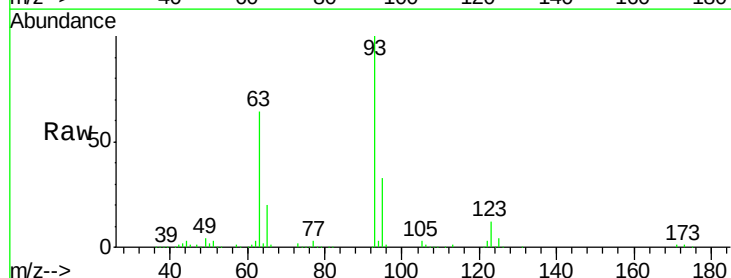
RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

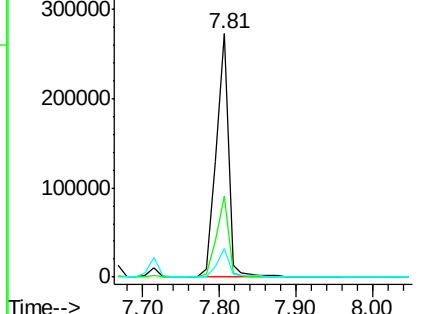
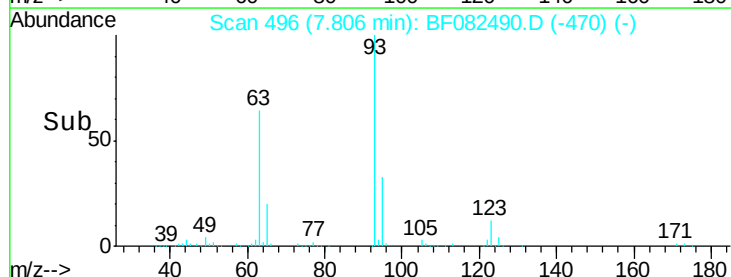
Tgt Ion:	93	Resp:	302837
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.6	39.8
123	11.8	9.5	14.3

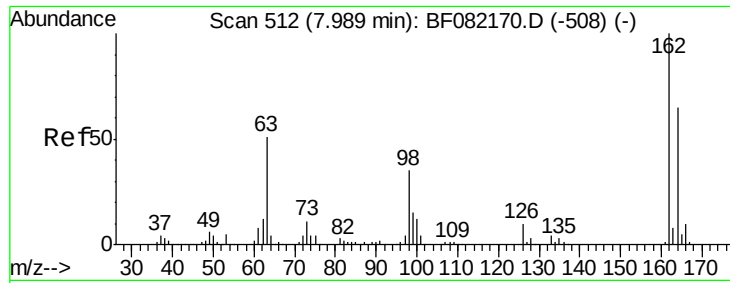


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





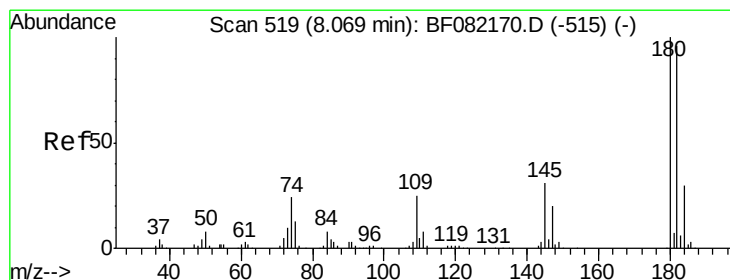
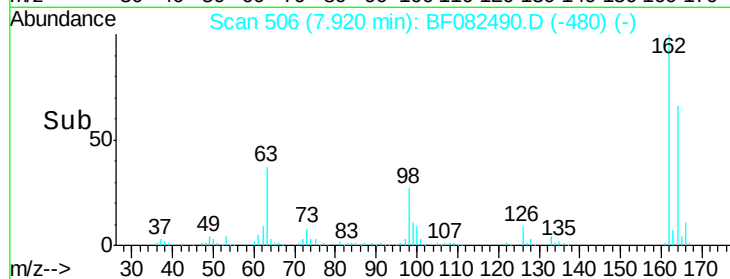
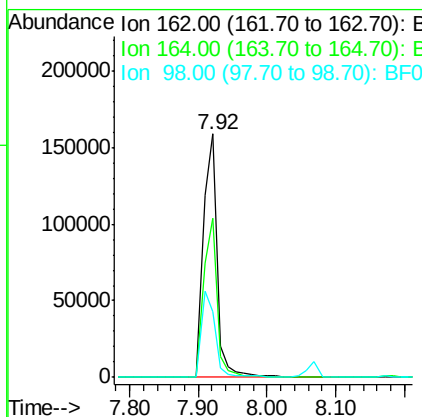
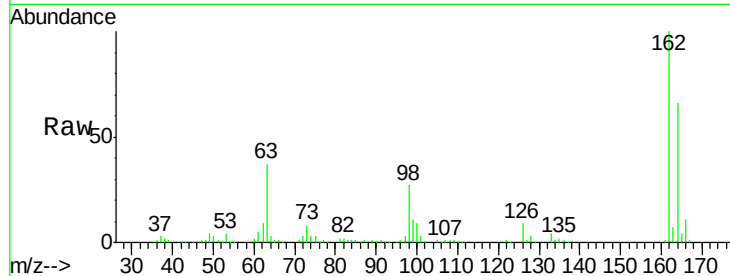
#29
 2,4-Dichlorophenol
 Concen: 52.31 ng
 RT: 7.92 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion:	162	Resp:	218674
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.6	84.6
98	27.1	15.0	55.0

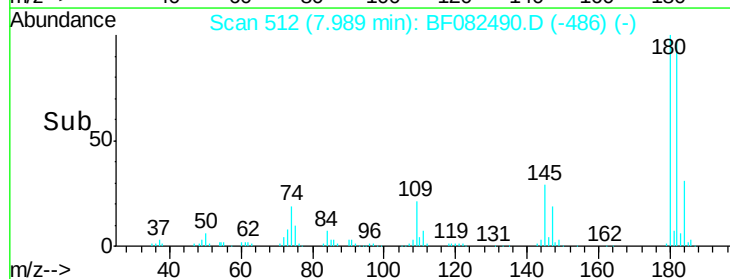
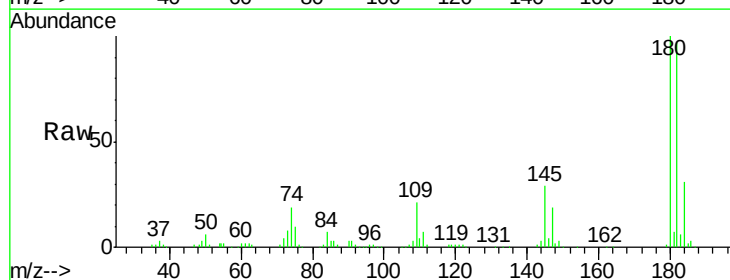
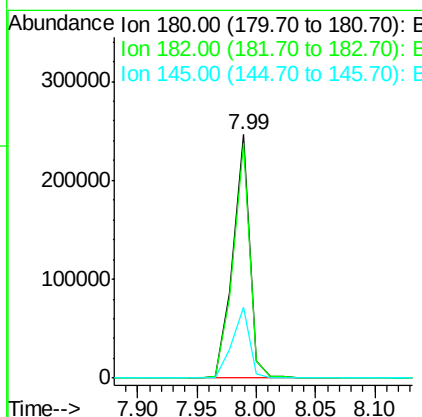
Manual Integrations
 APPROVED

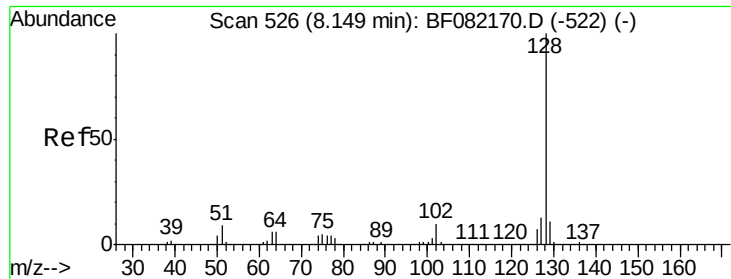
MmDadoda
 10/26/2015 7:22:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.68 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion:	180	Resp:	244190
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.0	115.4
145	29.0	25.0	37.4





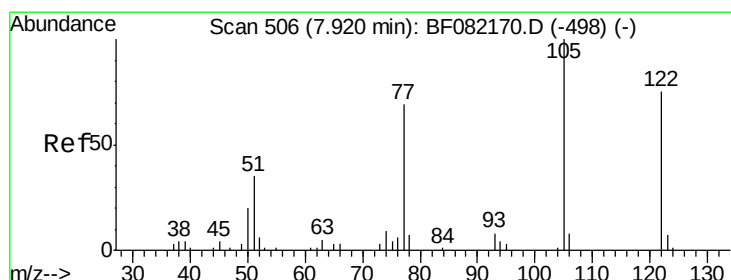
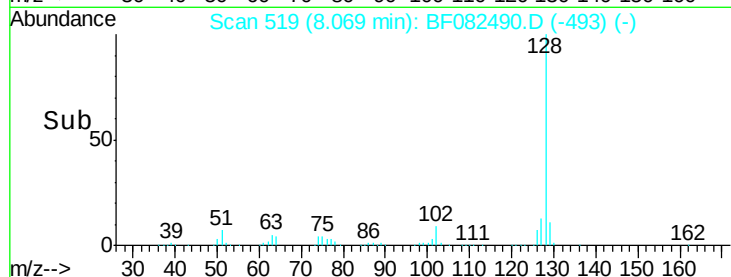
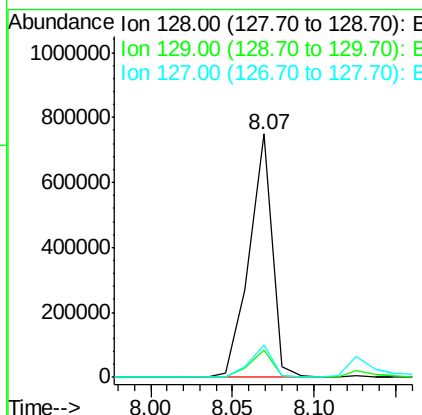
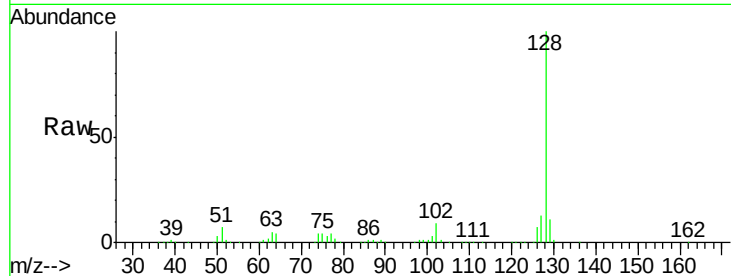
#31
Naphthalene
Concen: 52.71 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	9.1	13.7
127	13.5	10.7	16.1

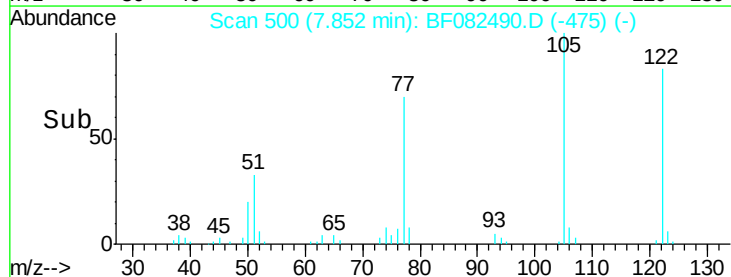
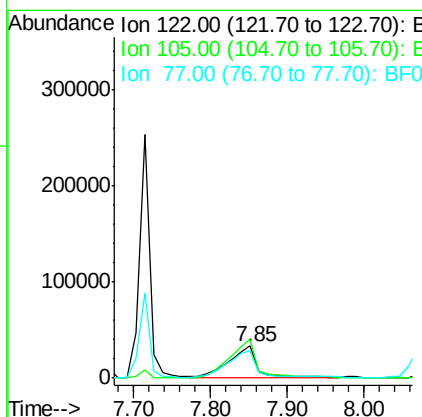
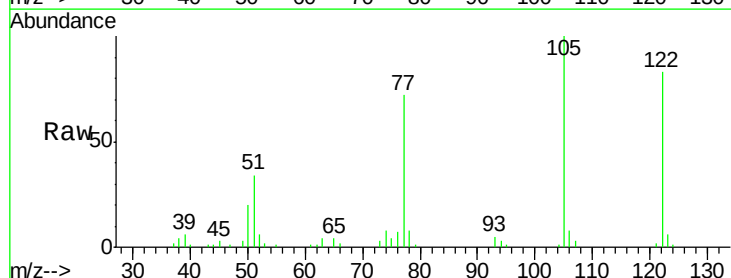
Manual Integrations
APPROVED

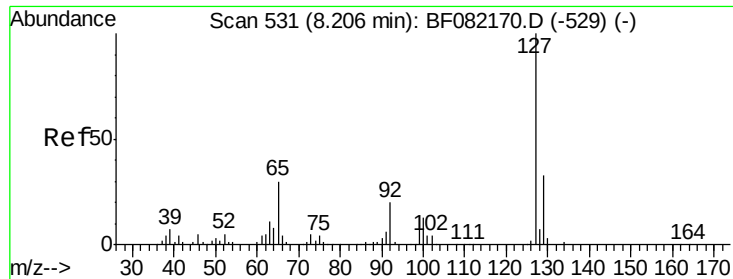
MmDadoda
10/26/2015 7:22:34 PM



#32
Benzoic acid
Concen: 29.32 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	120.6	104.4	144.4
77	87.0	69.0	109.0





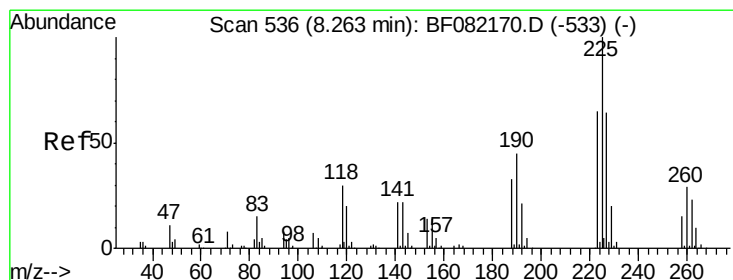
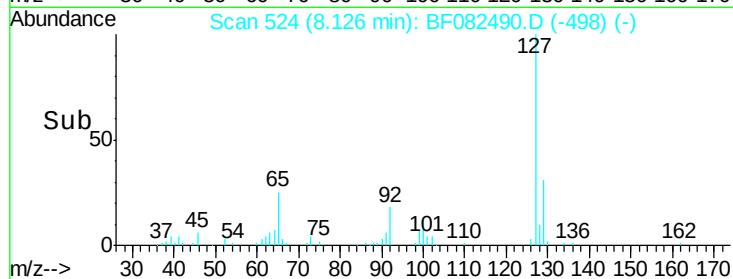
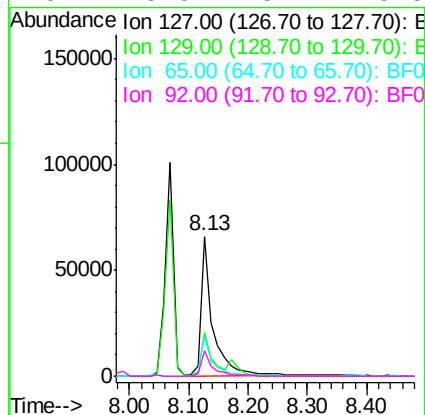
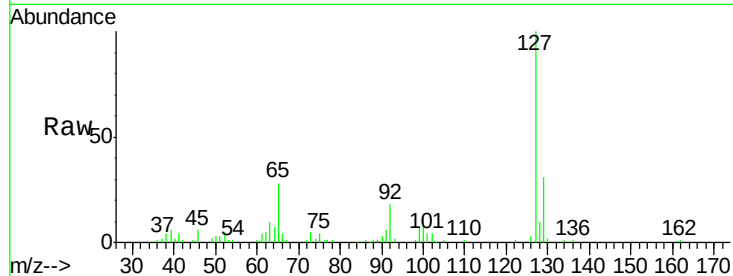
#33
4-Chloroaniline
Concen: 16.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.1	26.3	39.5
65	28.0	24.4	36.6
92	18.0	15.7	23.5

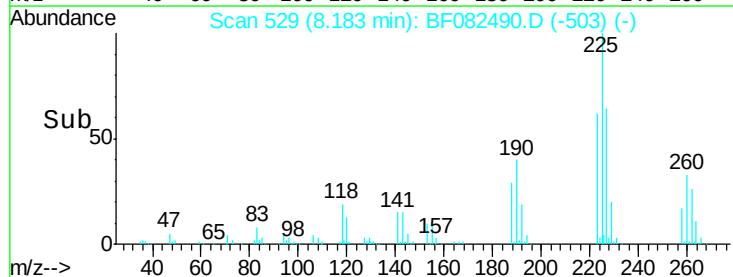
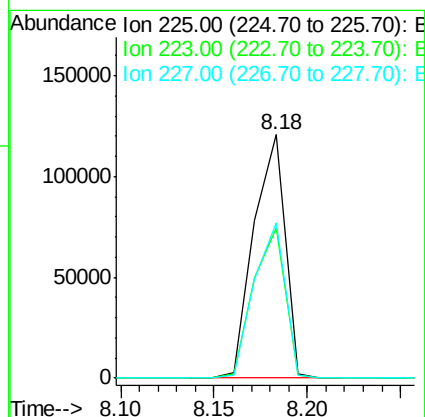
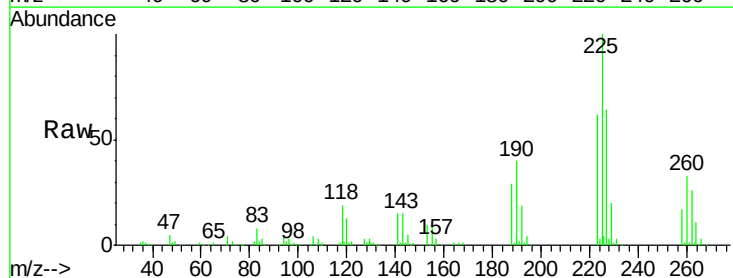
Manual Integrations
APPROVED

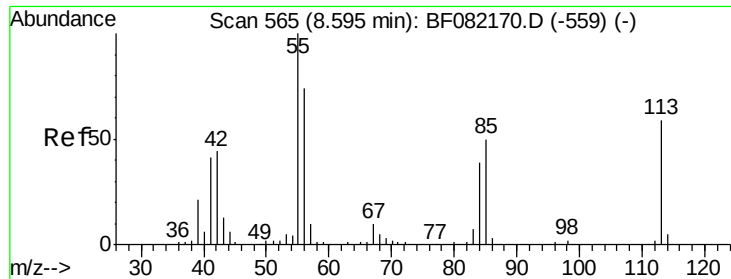
MmDadoda
10/26/2015 7:22:34 PM



#34
Hexachlorobutadiene
Concen: 46.63 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.8	52.2	78.2
227	63.8	51.3	76.9





#35

Caprolactam

Concen: 52.92 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

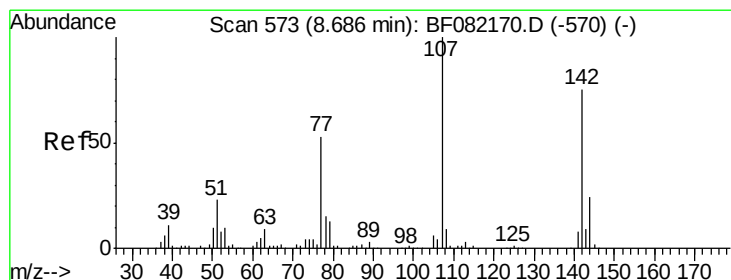
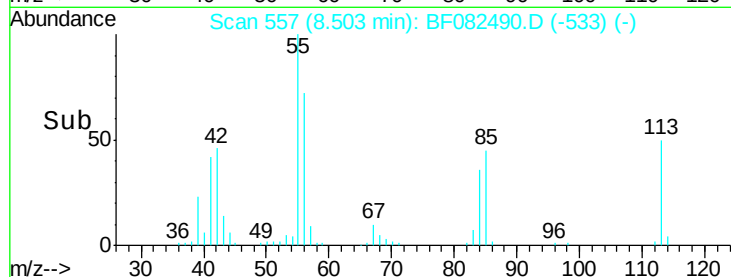
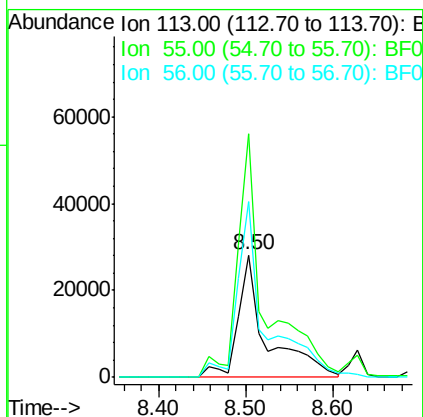
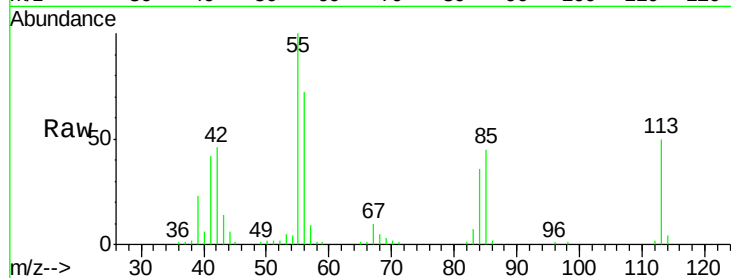
ClientSampleId :

NC-003MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	198.9	149.7	189.7#
56	143.2	105.4	145.4

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#36

4-Chloro-3-methylphenol

Concen: 56.47 ng

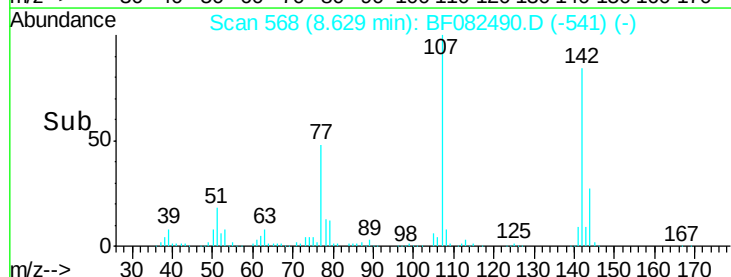
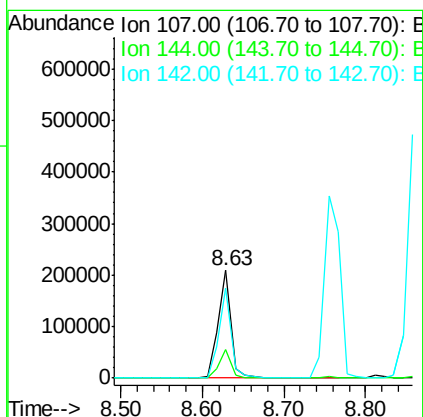
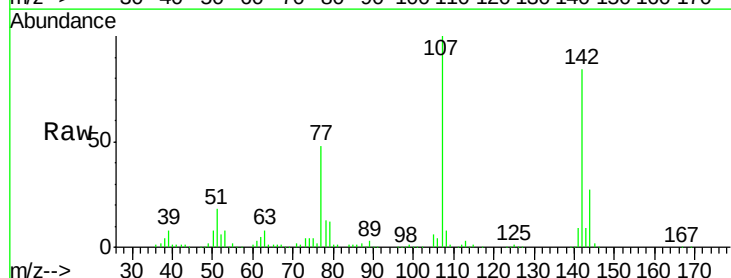
RT: 8.63 min Scan# 568

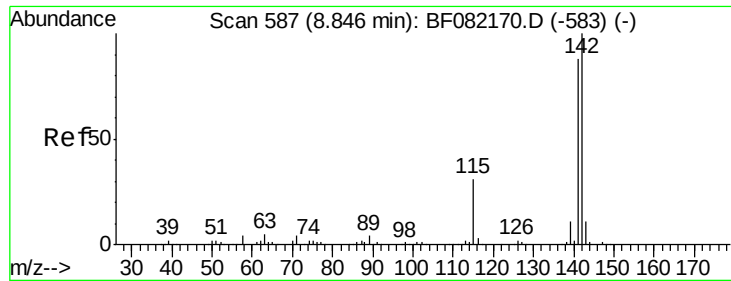
Delta R.T. 0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	19.3	28.9
142	83.5	59.9	89.9





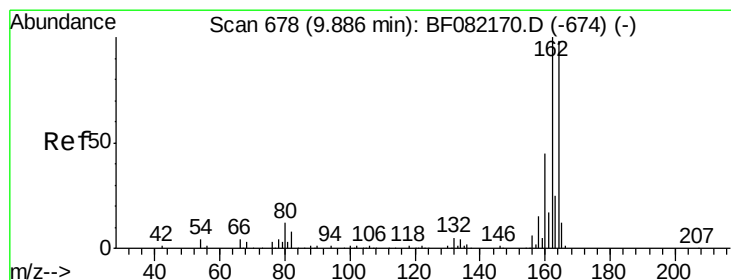
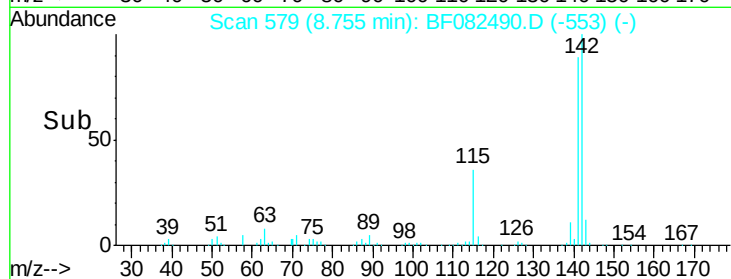
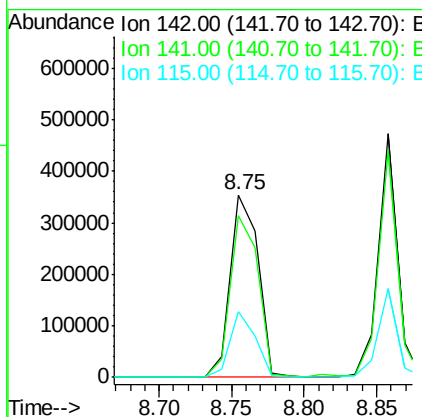
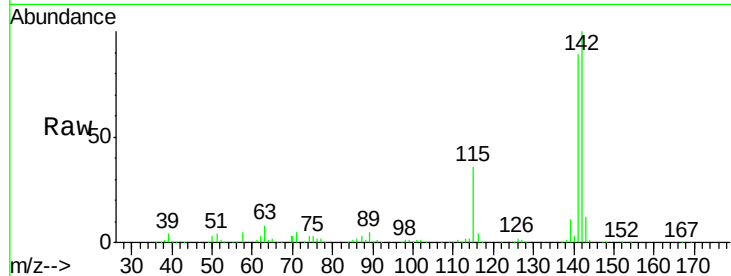
#37
2-Methylnaphthalene
Concen: 48.90 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	36.2	24.6	37.0

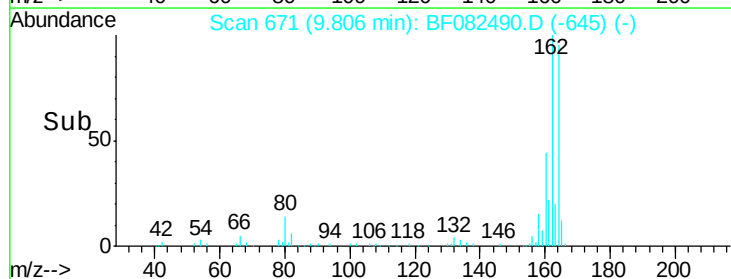
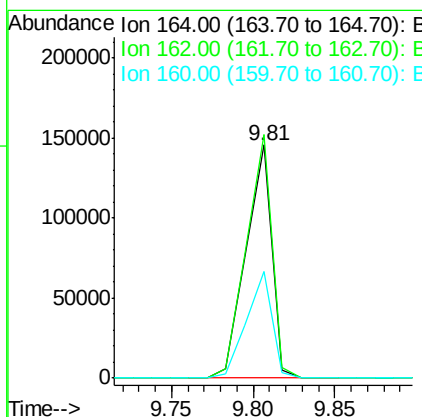
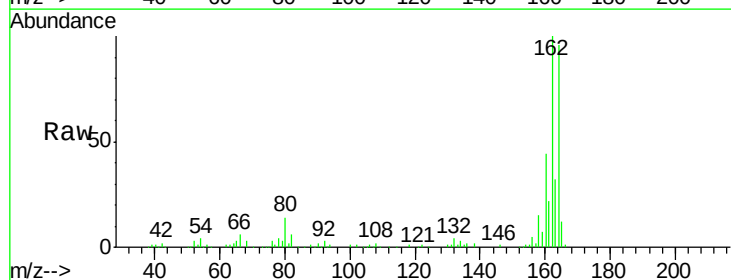
Manual Integrations
APPROVED

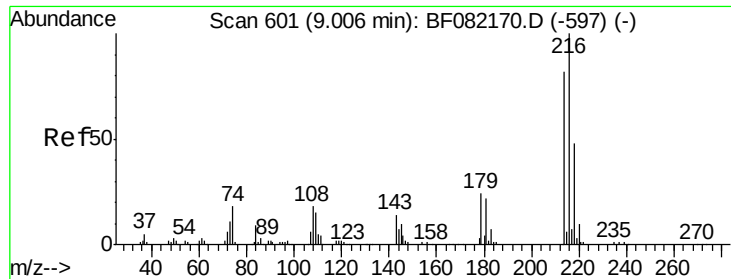
MmDadoda
10/26/2015 7:22:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	45.7	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.47 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082490.D

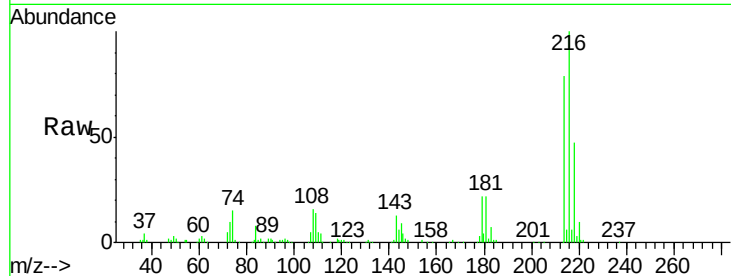
Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

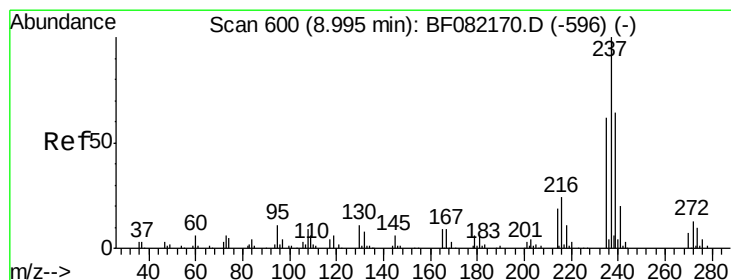
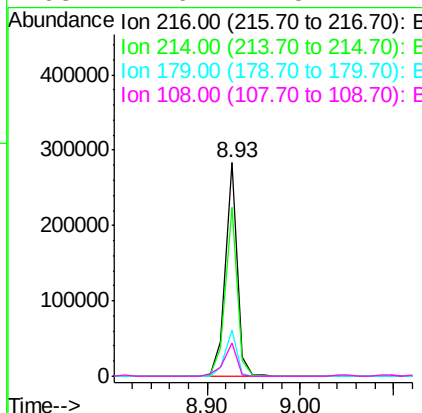
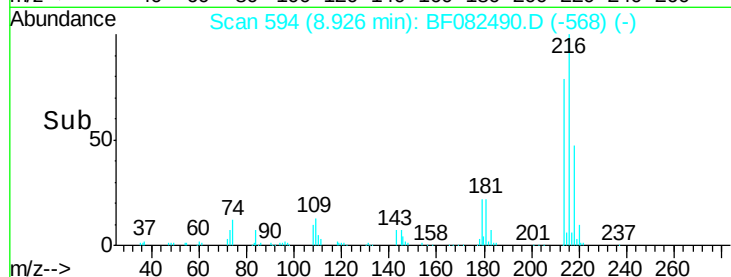
NC-003MSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.6	97.0
179	21.6	17.6	26.4
108	17.6	14.5	21.7

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#40

Hexachlorocyclopentadiene

Concen: 40.16 ng

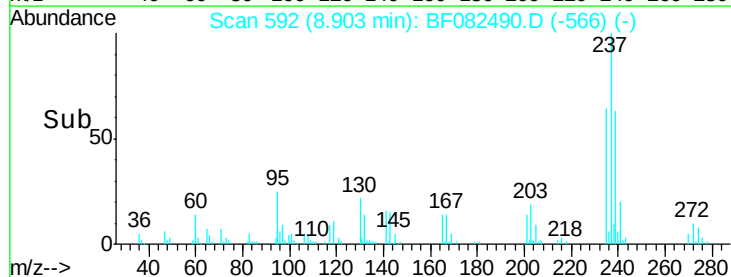
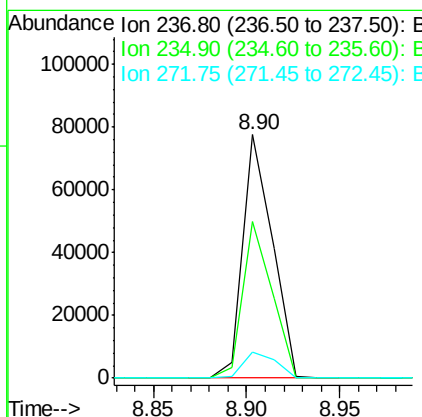
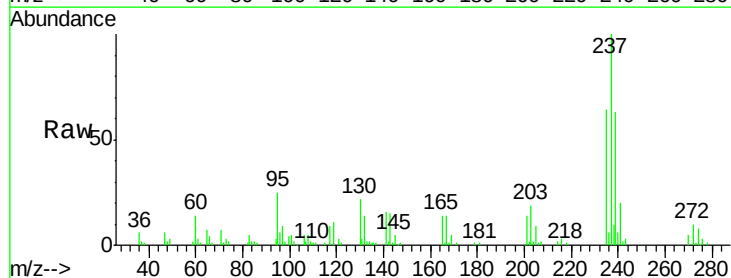
RT: 8.90 min Scan# 592

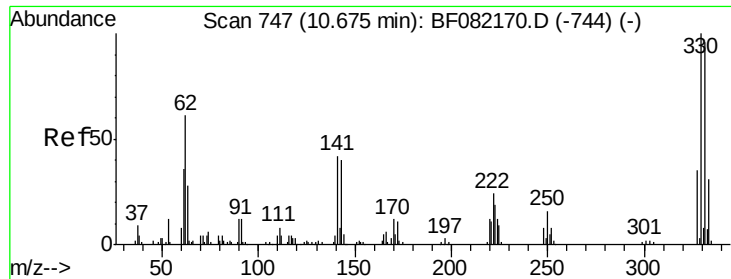
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	41.7	81.7
272	10.4	0.0	32.8





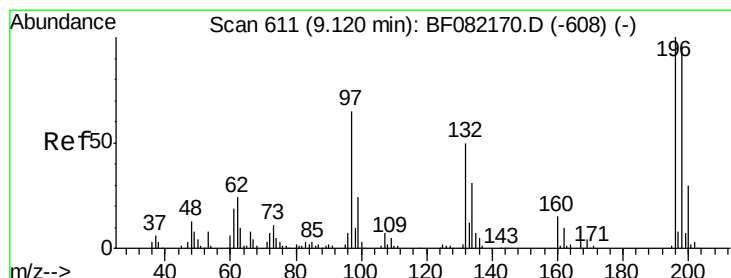
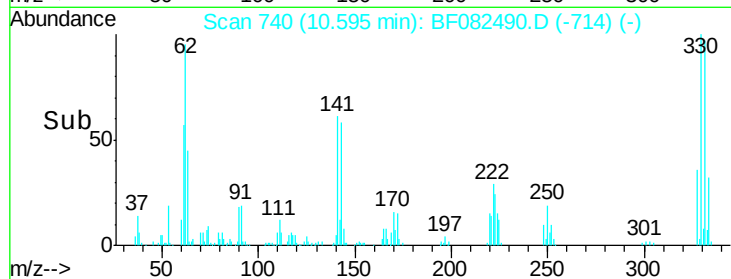
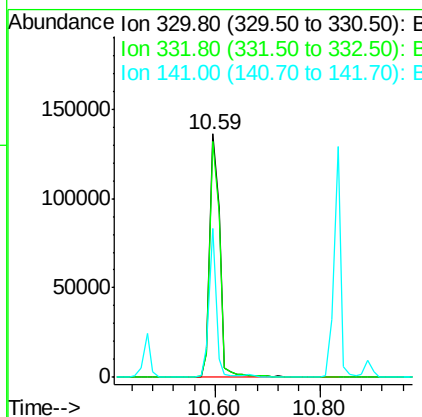
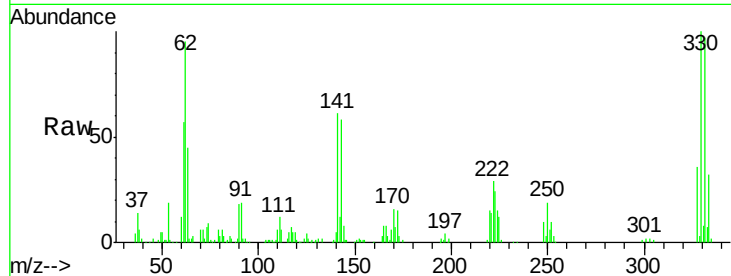
#41
 2,4,6-Tribromophenol
 Concen: 121.34 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	181321		
332	96.1	77.1	115.7	
141	44.0	29.8	44.8	

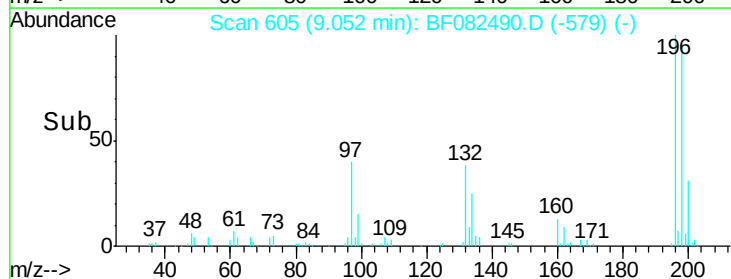
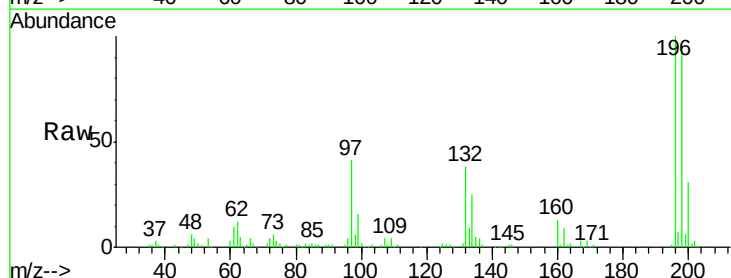
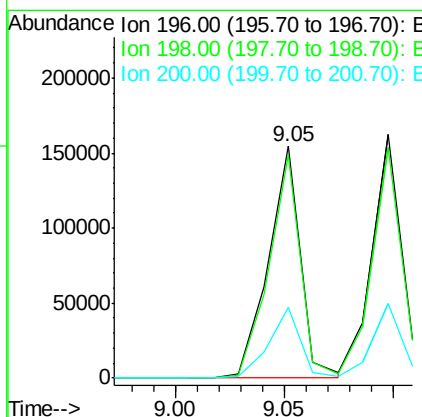
Manual Integrations
 APPROVED

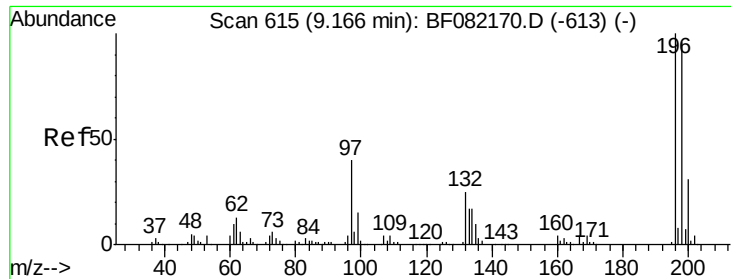
MmDadoda
 10/26/2015 7:22:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.46 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

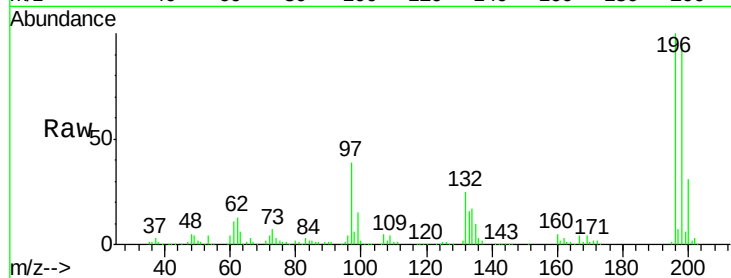
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158850		
198	96.3	76.6	115.0	
200	30.5	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

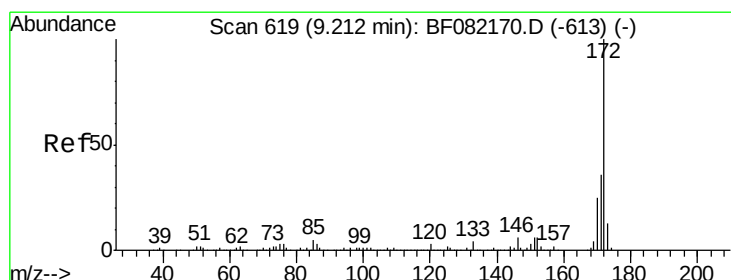
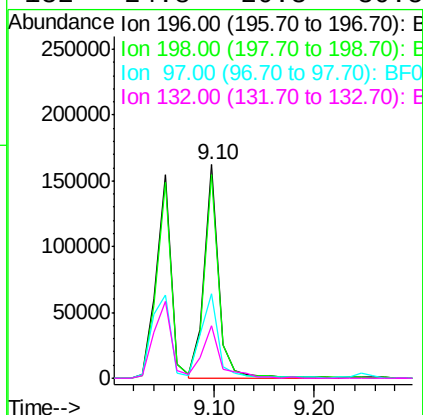
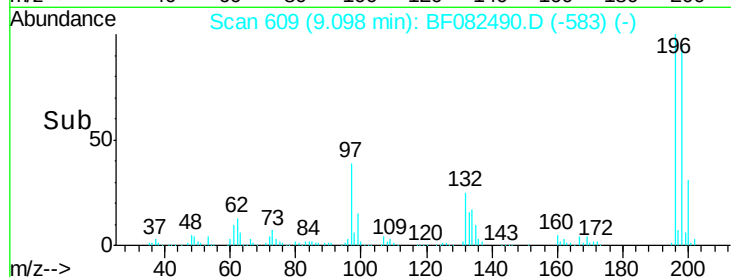
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD



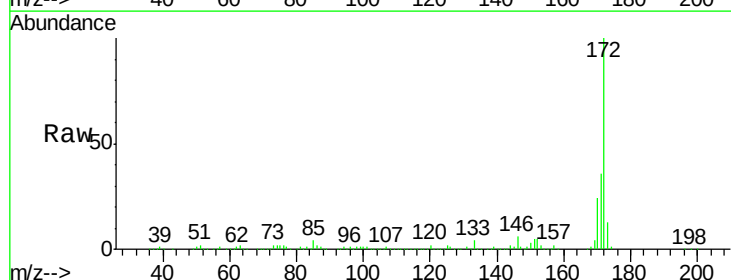
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163563		
198	95.0	77.0	115.4	
97	39.5	31.9	47.9	
132	24.8	20.3	30.5	

Manual Integrations
 APPROVED

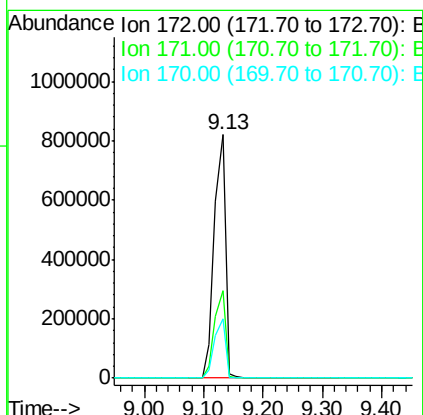
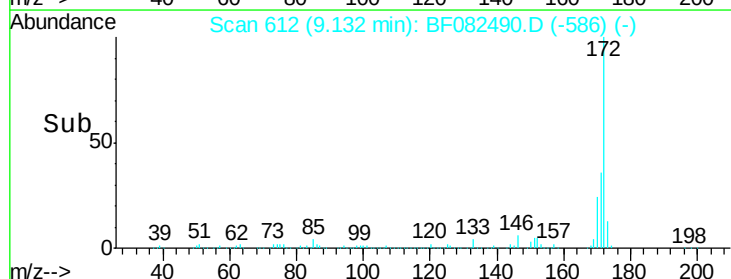
MmDadoda
 10/26/2015 7:22:34 PM

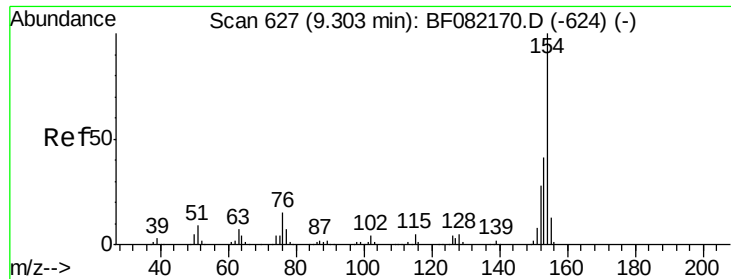


#44
 2-Fluorobiphenyl
 Concen: 111.65 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1072725		
171	36.1	28.6	42.8	
170	24.3	19.7	29.5	





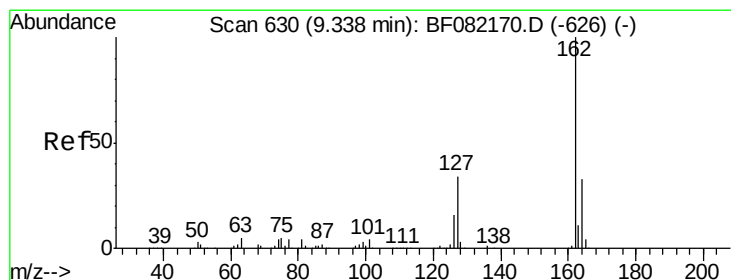
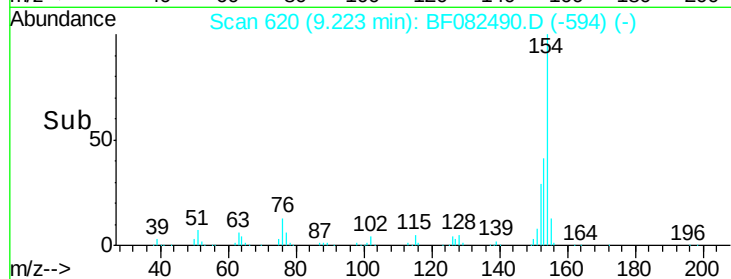
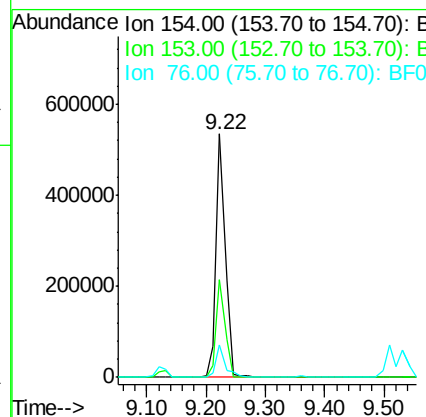
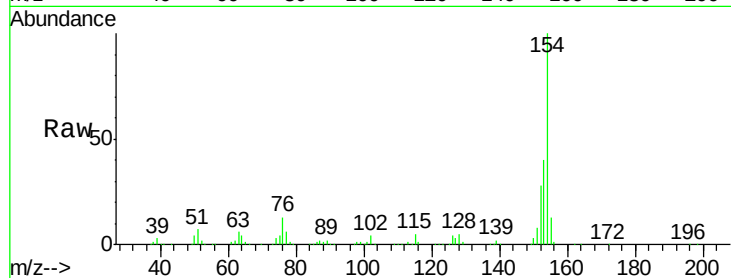
#45
 1,1'-Biphenyl
 Concen: 47.24 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	573991		
153	40.4	20.6	60.6	
76	13.4	0.0	35.2	

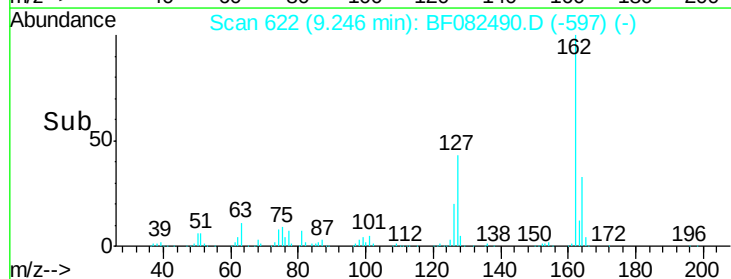
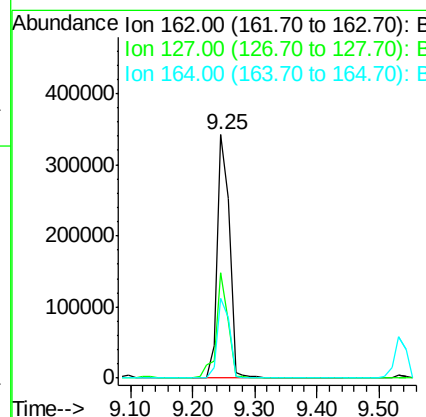
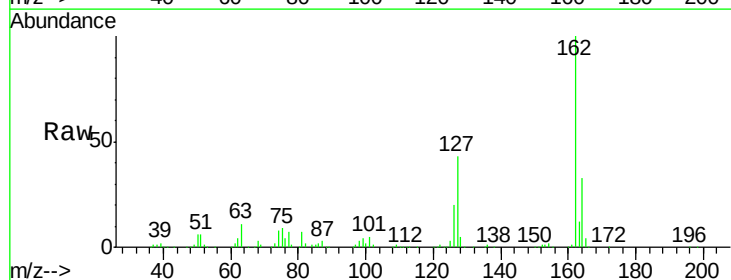
Manual Integrations
 APPROVED

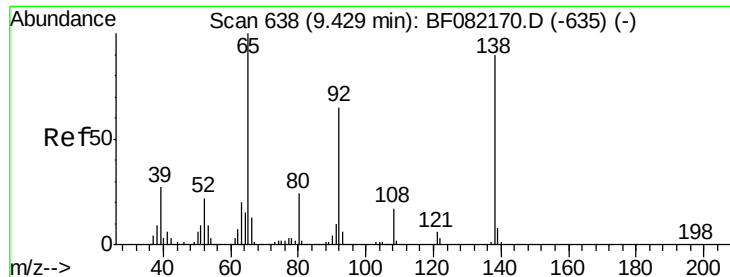
MmDadoda
 10/26/2015 7:22:34 PM



#46
 2-Chloronaphthalene
 Concen: 47.58 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	455088		
127	43.5	27.5	41.3#	
164	33.0	26.6	39.8	





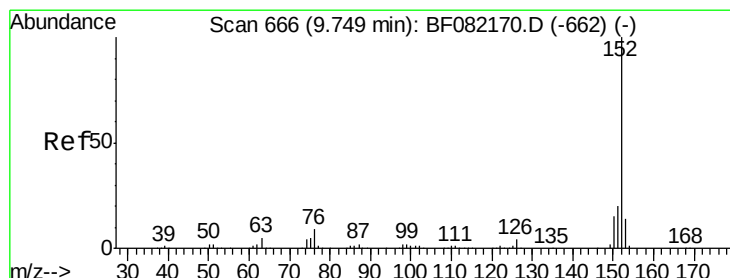
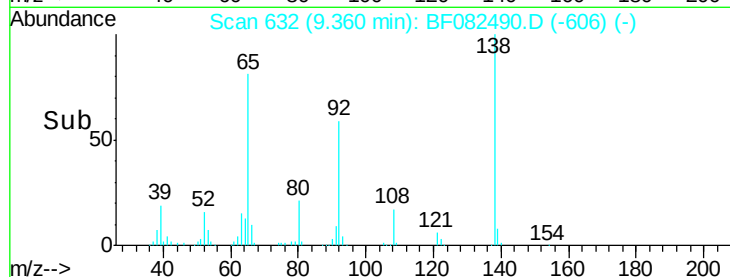
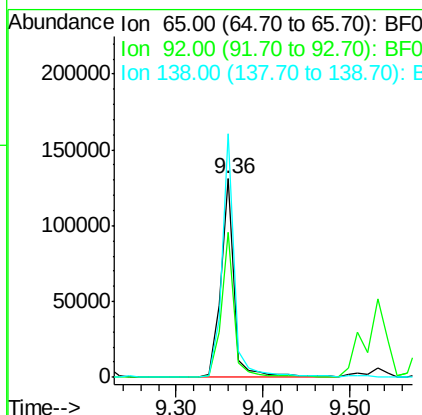
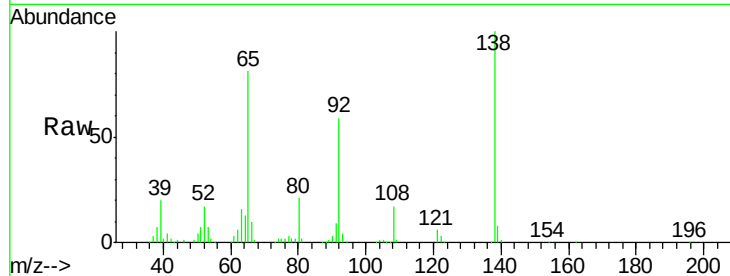
#47
 2-Nitroaniline
 Concen: 54.70 ng
 RT: 9.36 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	52.3	78.5
138	122.7	72.2	108.4

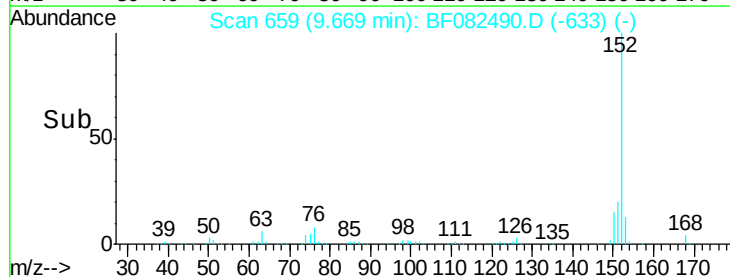
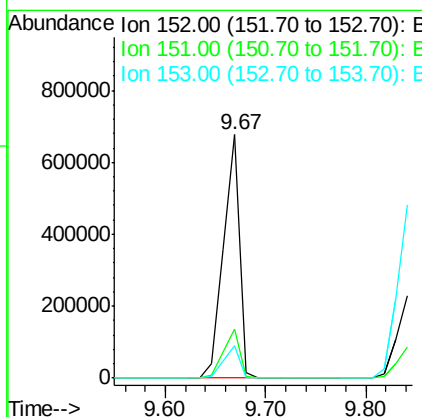
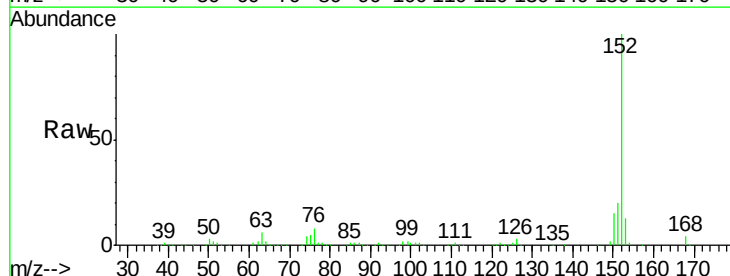
Manual Integrations
 APPROVED

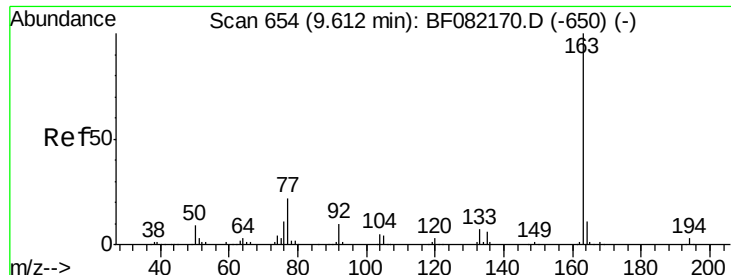
MmDadoda
 10/26/2015 7:22:34 PM



#48
 Acenaphthylene
 Concen: 50.55 ng
 RT: 9.67 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.3	10.8	16.2





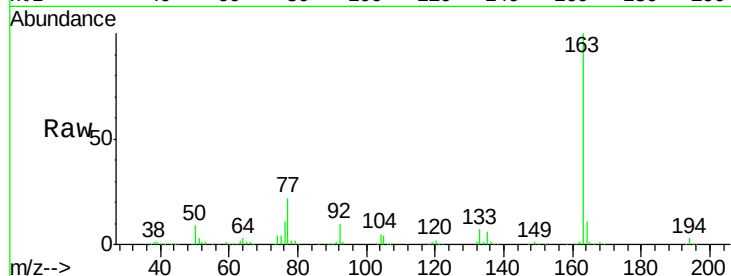
#49
Dimethylphthalate
Concen: 69.02 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

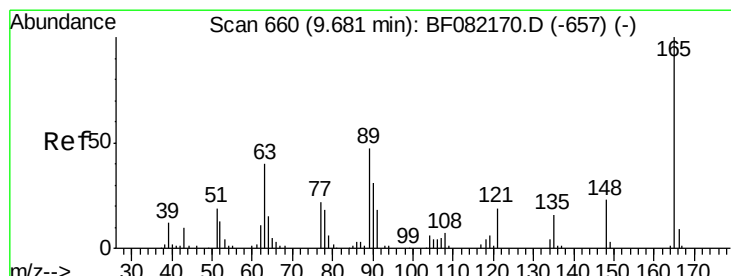
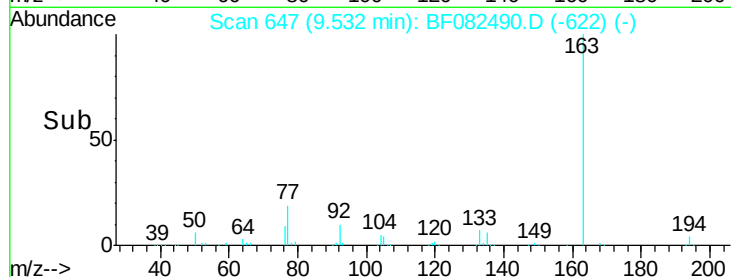
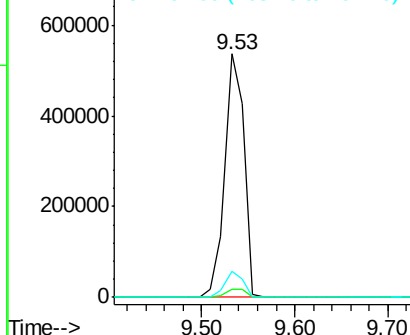
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	774450		
194	3.2	2.6	4.0	
164	10.7	8.5	12.7	

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM

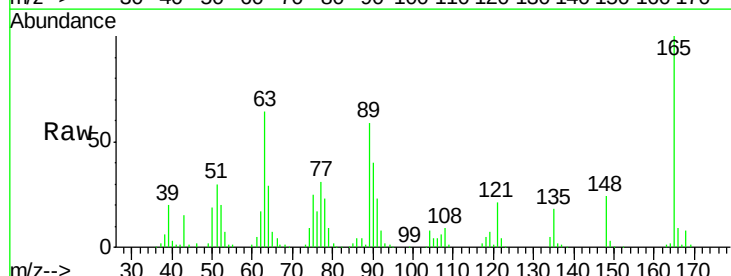


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

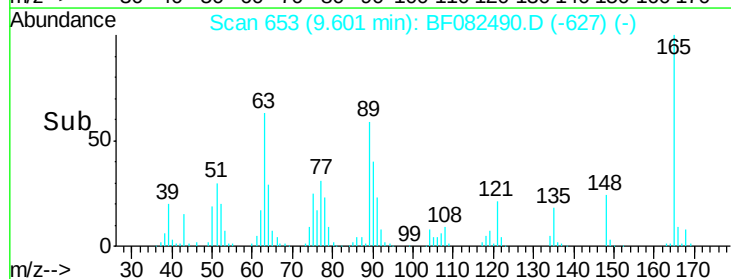
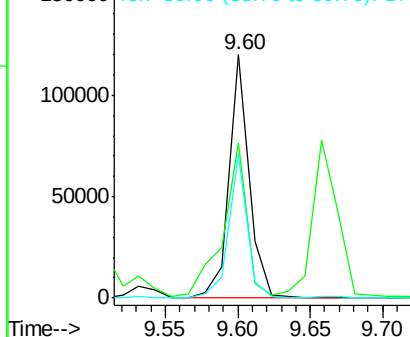


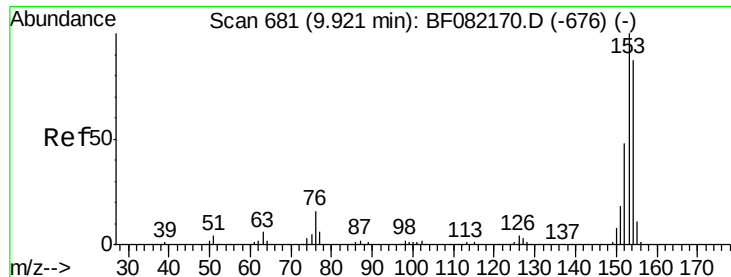
#50
2,6-Dinitrotoluene
Concen: 48.77 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	115458		
63	63.6	36.7	55.1#	
89	59.0	37.8	56.6#	



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





#51

Acenaphthene

Concen: 50.28 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

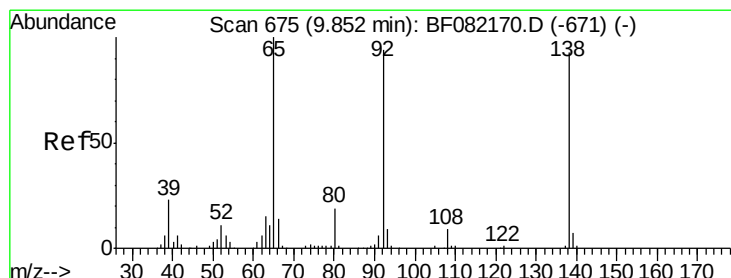
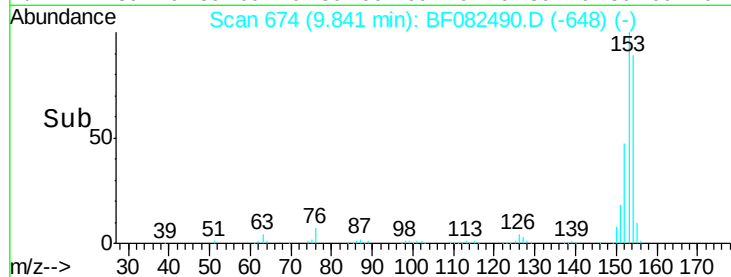
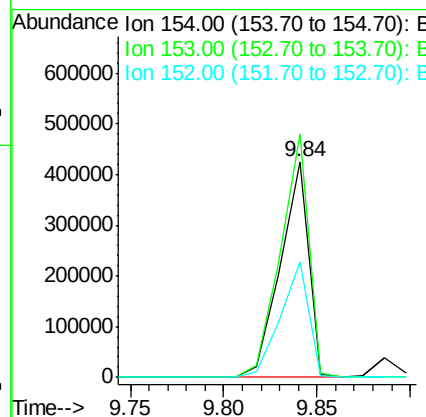
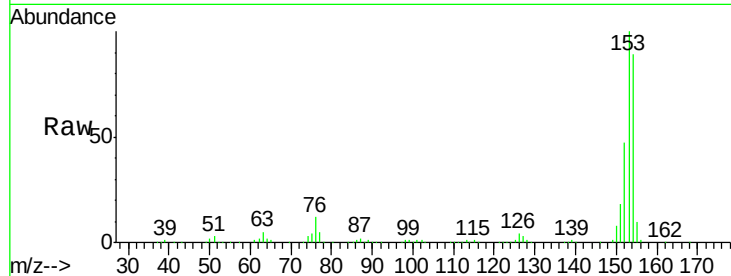
ClientSampleId :

NC-003MSD

Tgt Ion:	154	Resp:	449728
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.4	137.2
152	53.6	44.3	66.5

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#52

3-Nitroaniline

Concen: 29.64 ng

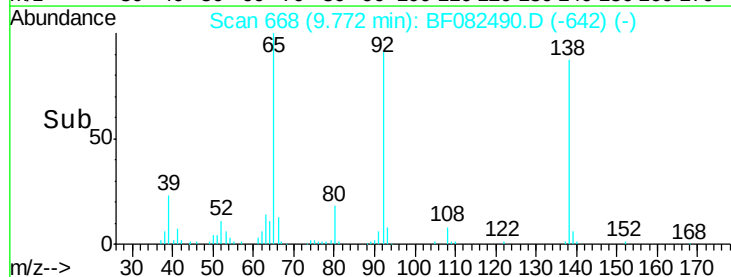
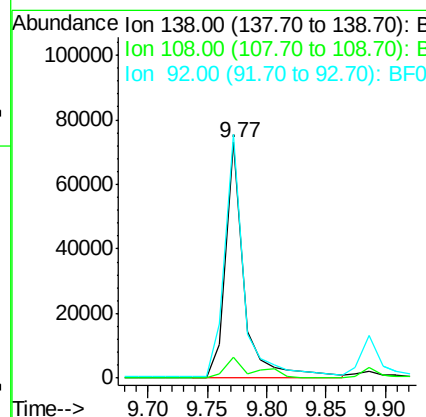
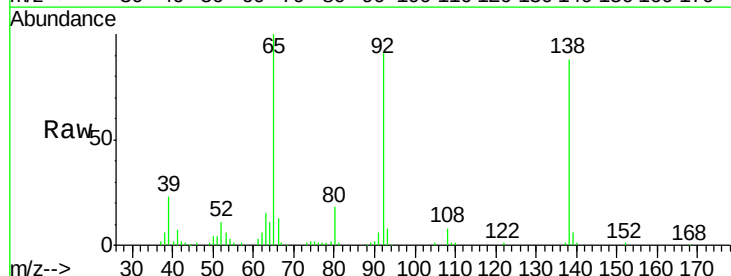
RT: 9.77 min Scan# 668

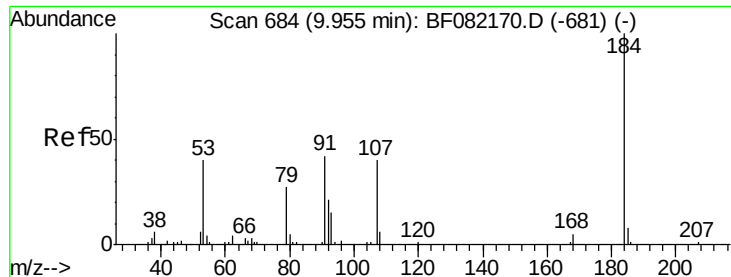
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

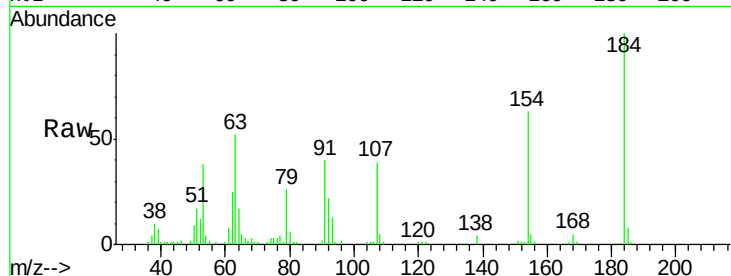
Tgt Ion:	138	Resp:	79252
Ion Ratio	Lower	Upper	
138	100		
108	9.0	7.4	11.0
92	103.5	81.3	121.9





#53
 2,4-Dinitrophenol
 Concen: 52.71 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

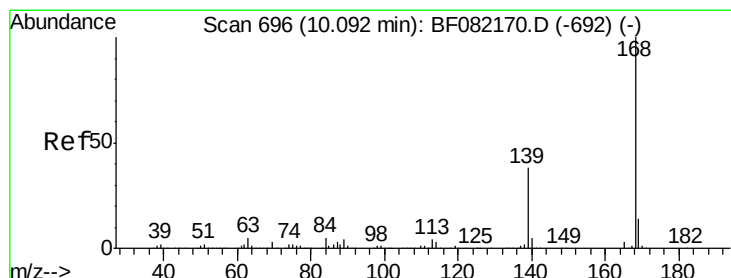
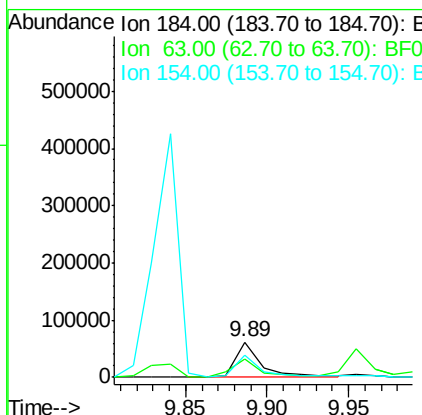
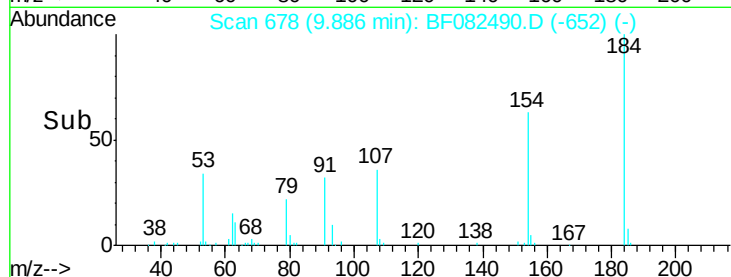
Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	66596		
63	52.2	45.1	67.7	
154	62.8	51.2	76.8	

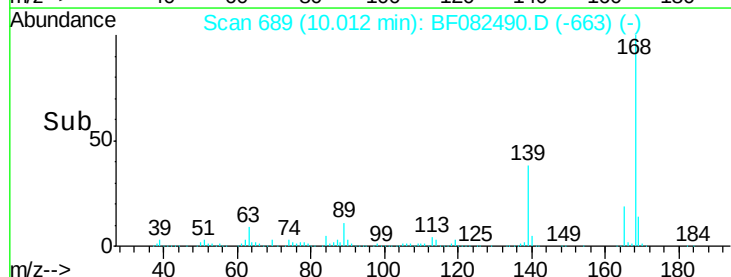
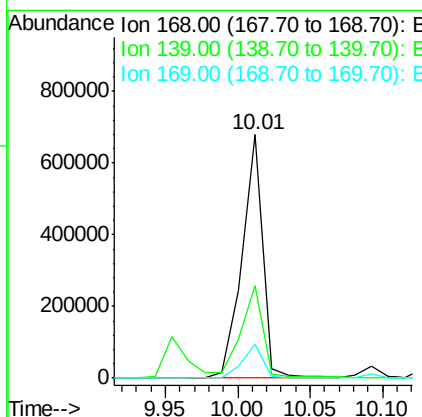
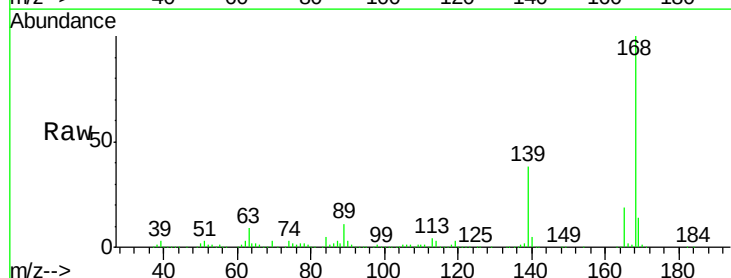
Manual Integrations
 APPROVED

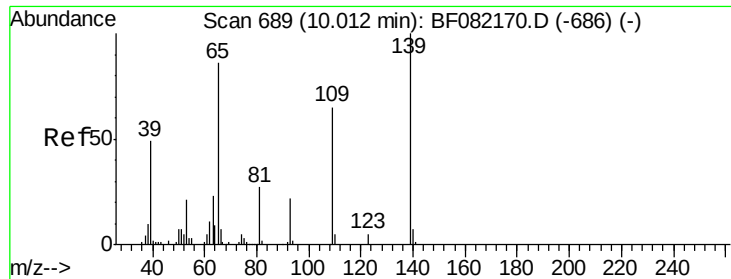
MmDadoda
 10/26/2015 7:22:34 PM



#54
 Dibenzofuran
 Concen: 54.97 ng
 RT: 10.01 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	675013		
139	38.1	31.0	46.6	
169	13.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 71.06 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

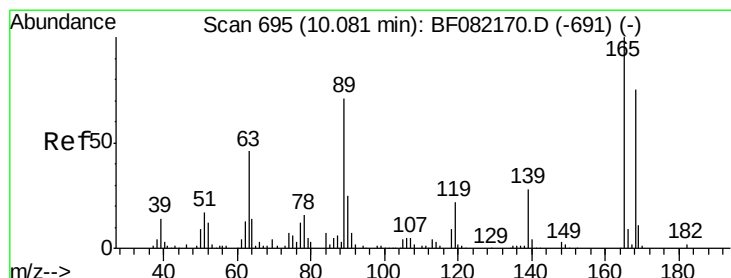
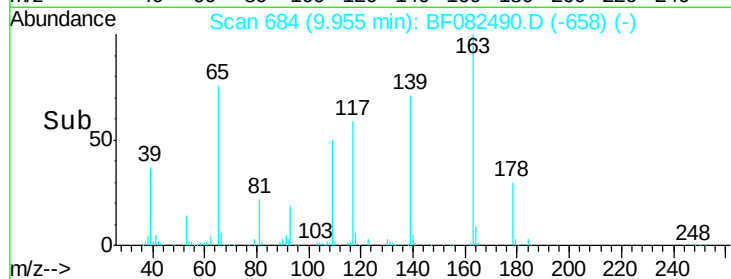
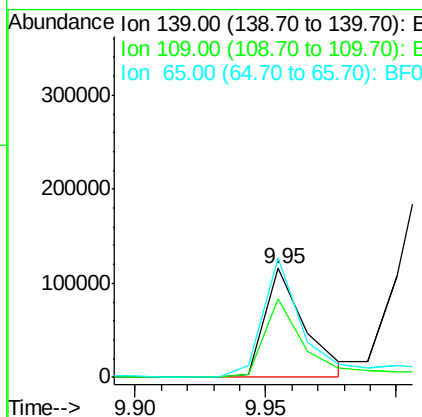
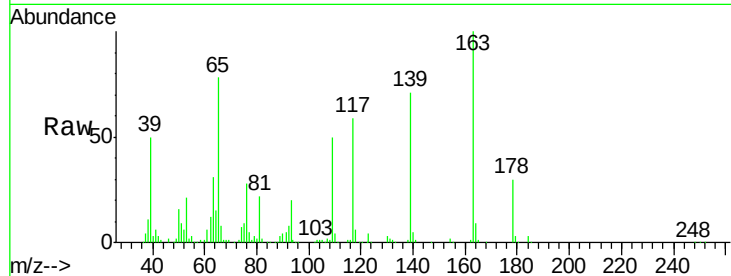
NC-003MSD

Manual Integrations
APPROVED

MmDadoda

10/26/2015 7:22:34 PM

Tgt Ion:	139	Resp:	125395
Ion Ratio	Lower	Upper	
139	100		
109	71.4	44.8	84.8
65	109.9	67.7	107.7#



#56

2,4-Dinitrotoluene

Concen: 53.65 ng

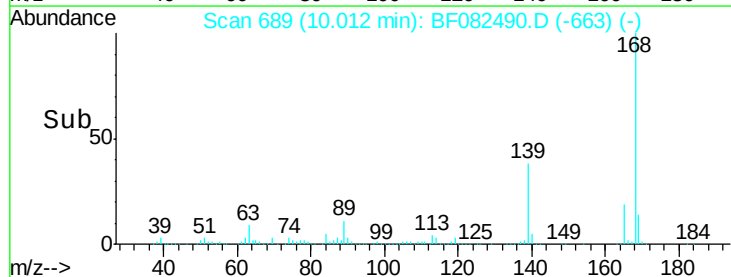
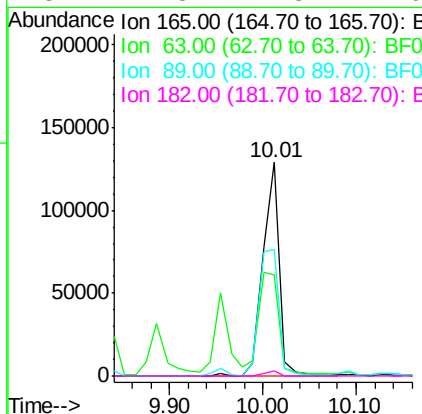
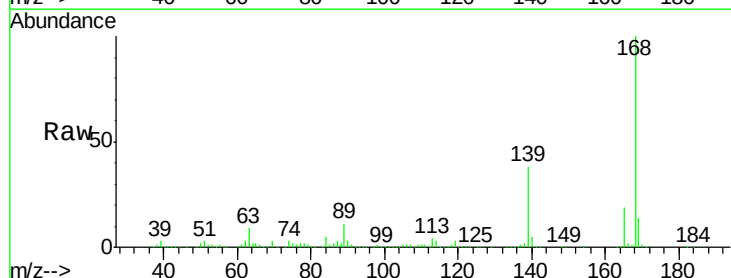
RT: 10.01 min Scan# 689

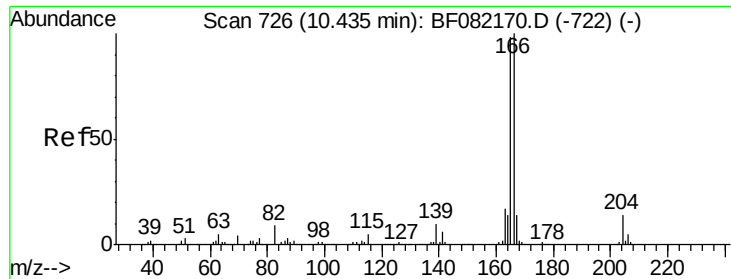
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	165	Resp:	158760
Ion Ratio	Lower	Upper	
165	100		
63	47.1	38.6	58.0
89	59.3	57.0	85.6
182	2.3	1.8	2.6





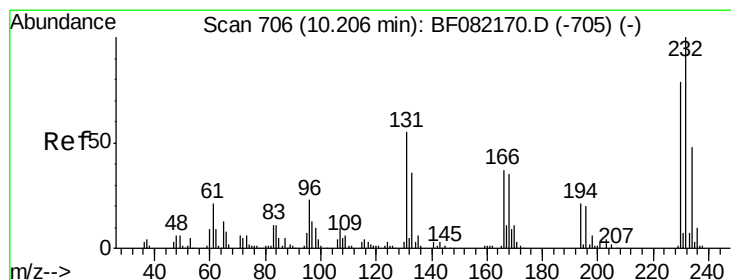
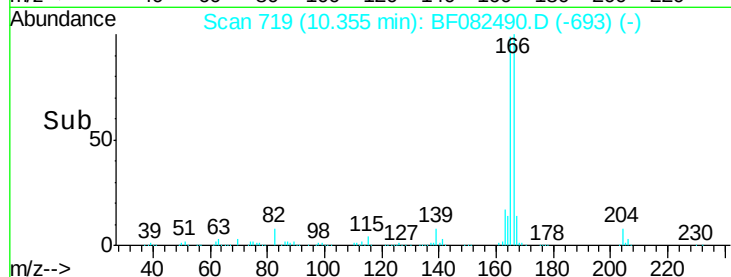
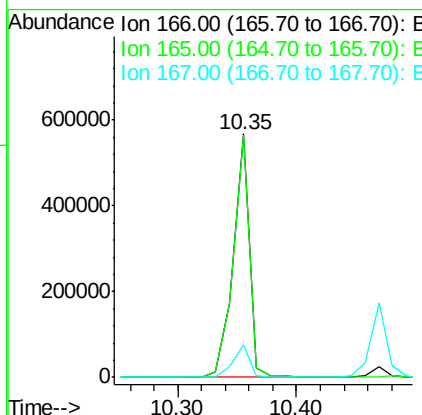
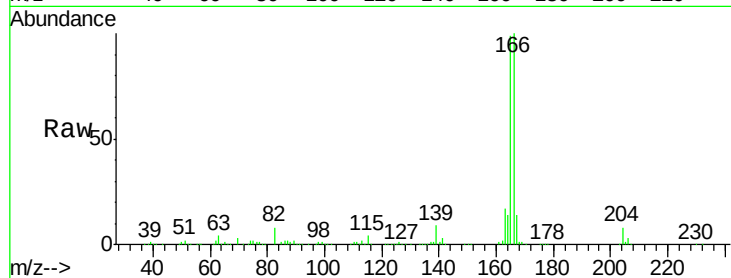
#57
 Fluorene
 Concen: 53.50 ng
 RT: 10.35 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	539629		
165	99.5	78.3	117.5	
167	13.5	10.8	16.2	

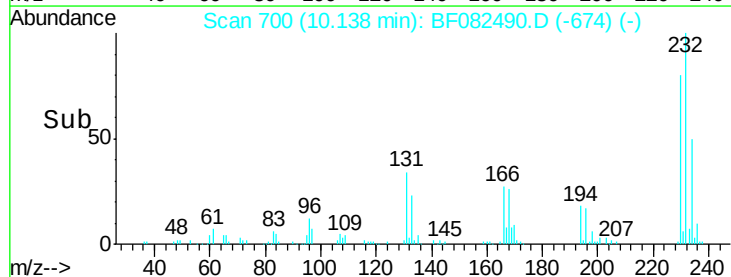
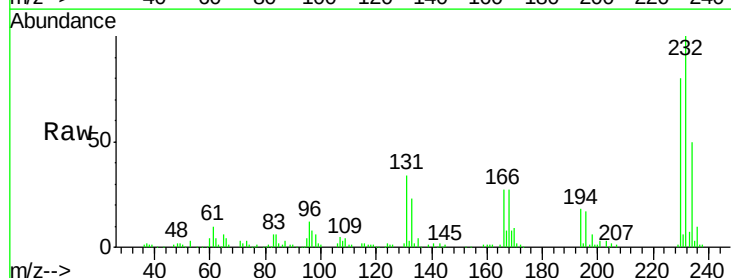
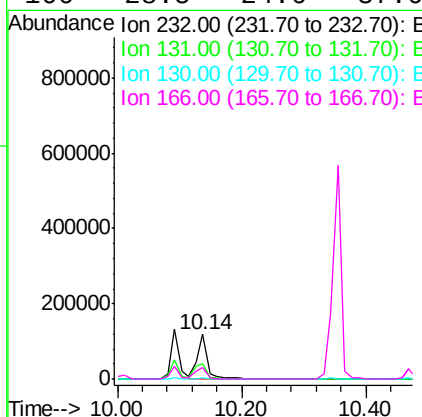
Manual Integrations
 APPROVED

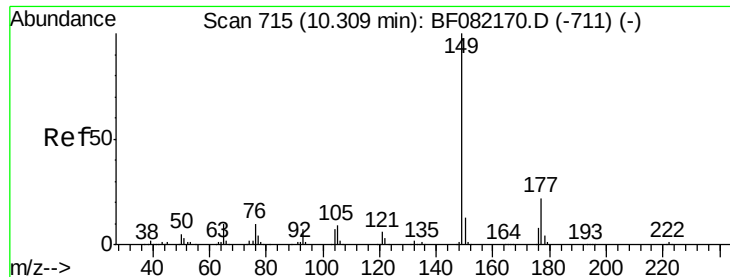
MmDadoda
 10/26/2015 7:22:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.16 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	134186		
131	42.9	36.6	54.8	
130	1.7	1.5	2.3	
166	28.5	24.6	37.0	





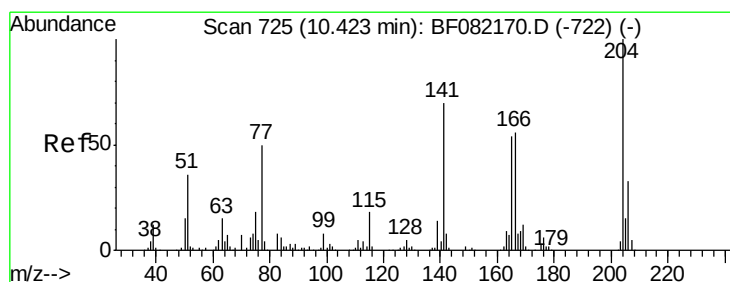
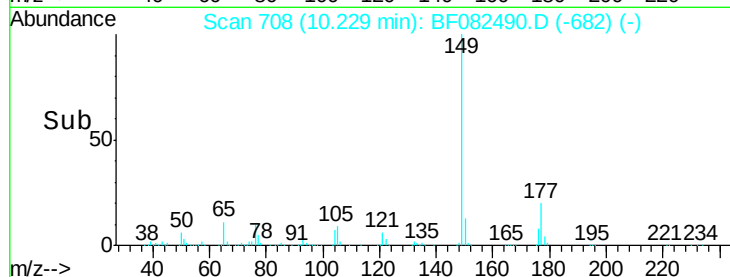
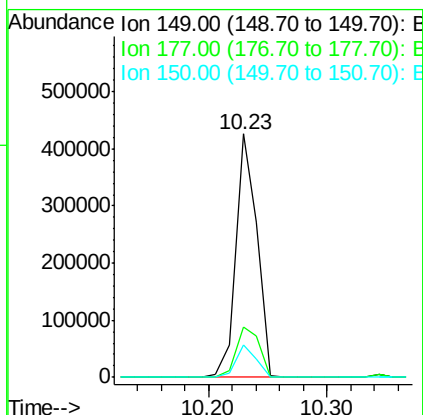
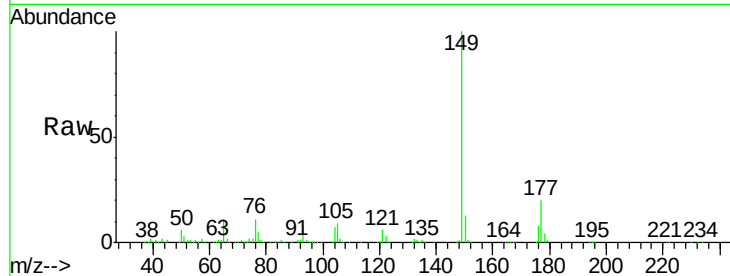
#59
Diethylphthalate
Concen: 50.27 ng
RT: 10.23 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	525789		
177	20.5		17.6	26.4
150	13.2		10.3	15.5

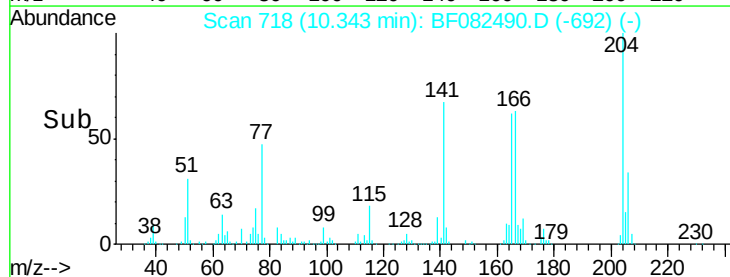
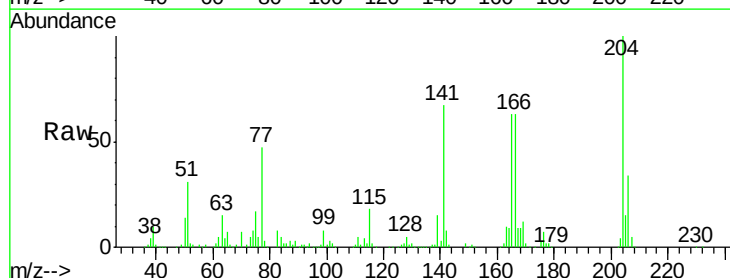
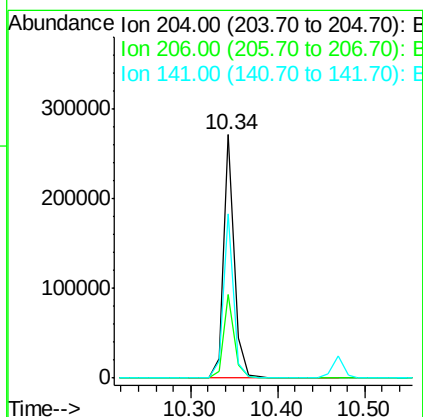
Manual Integrations
APPROVED

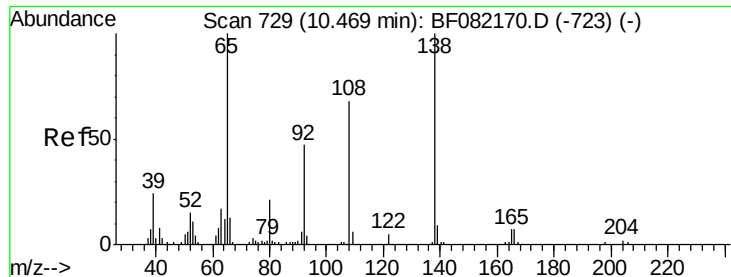
MmDadoda
10/26/2015 7:22:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.26 ng
RT: 10.34 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236817		
206	34.3		26.8	40.2
141	67.3		56.1	84.1





#61

4-Nitroaniline

Concen: 42.72 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

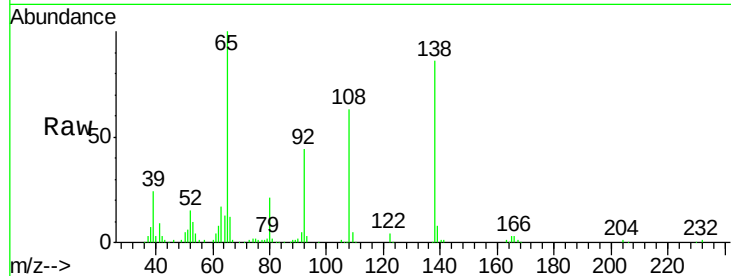
ClientSampleId :

NC-003MSD

Tgt Ion:	138	Resp:	110798
Ion Ratio	Lower	Upper	
138	100		
92	51.1	26.8	66.8
108	73.4	48.4	88.4

Manual Integrations
APPROVED

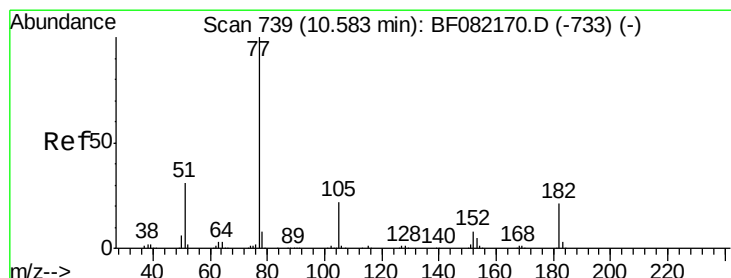
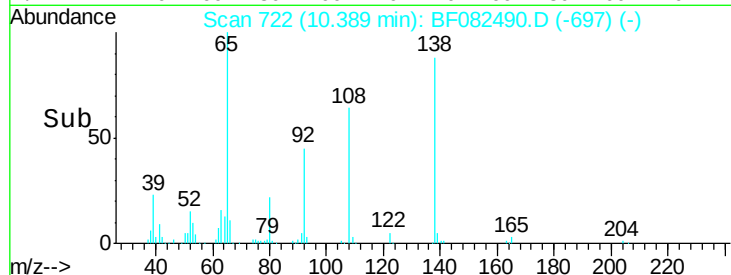
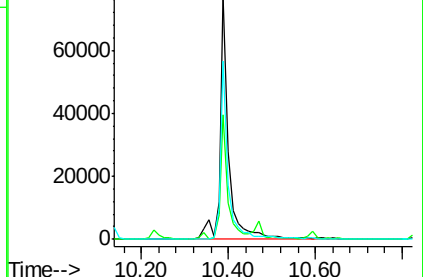
MmDadoda
10/26/2015 7:22:34 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.60 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

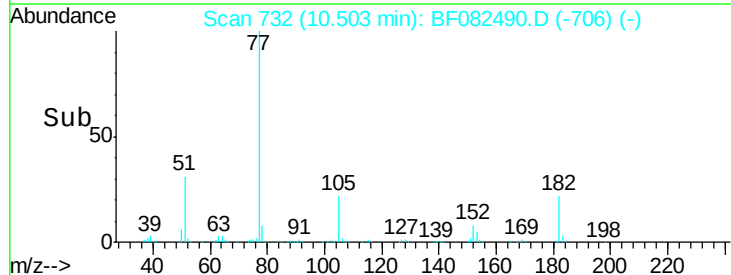
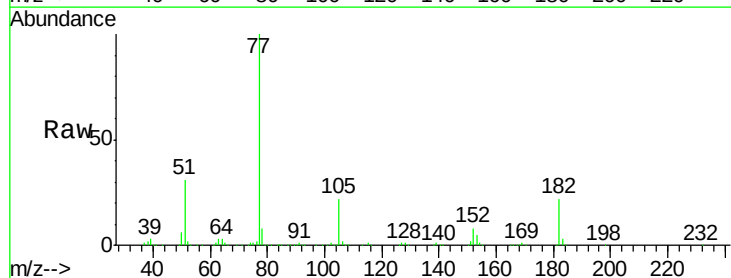
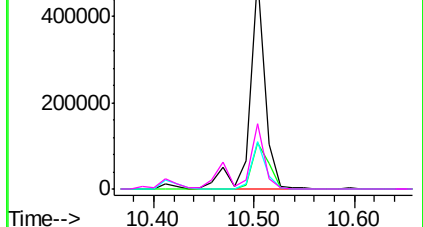
Tgt Ion:	77	Resp:	507695
Ion Ratio	Lower	Upper	
77	100		
182	21.8	0.5	40.5
105	22.0	1.8	41.8
51	30.7	11.2	51.2

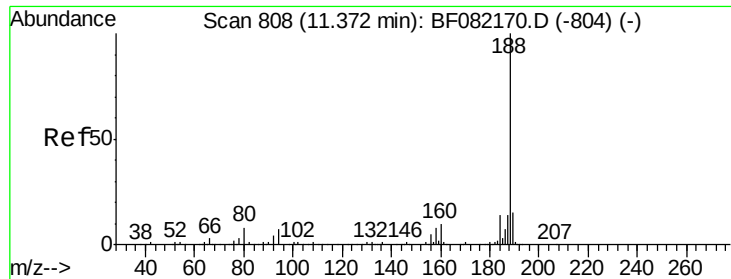
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





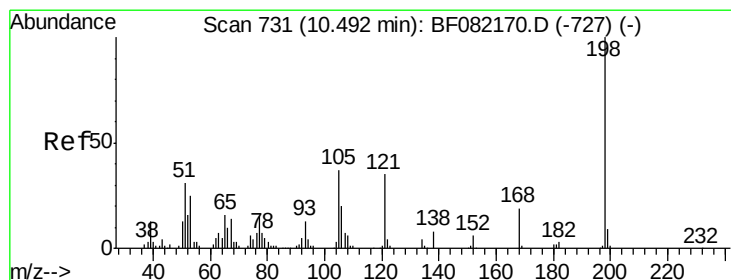
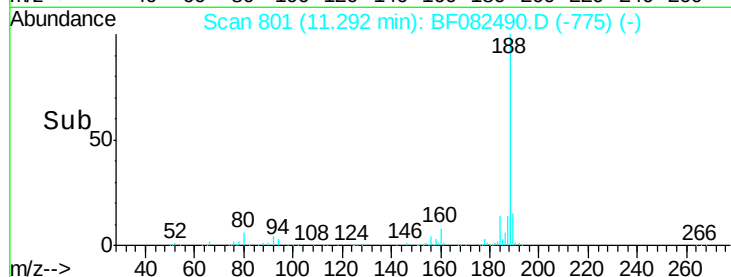
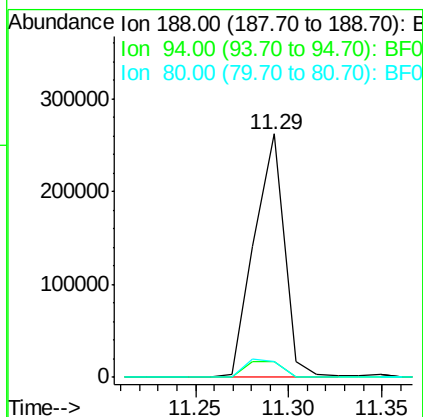
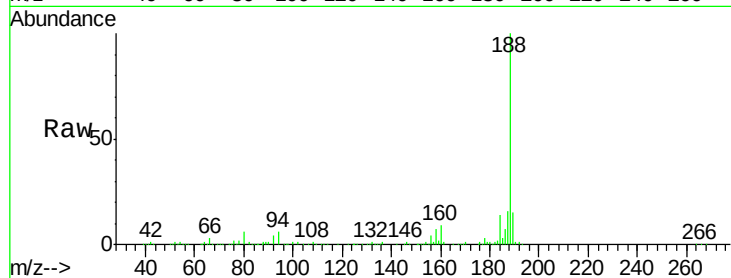
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.4	5.8	8.6
80	6.4	6.4	9.6

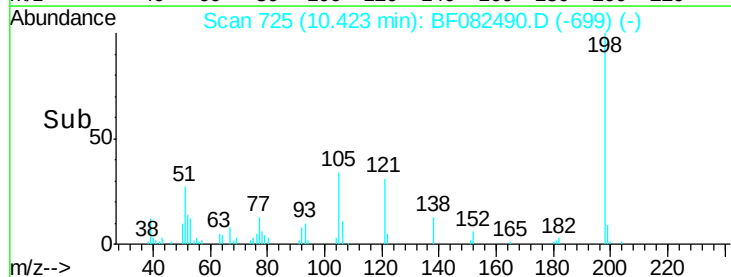
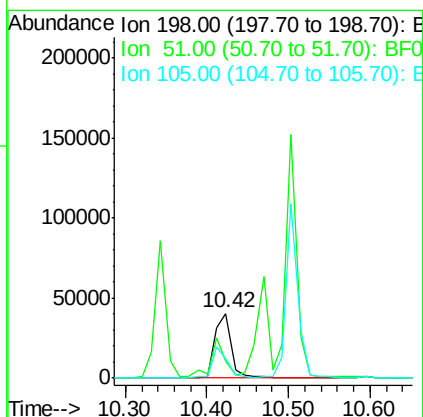
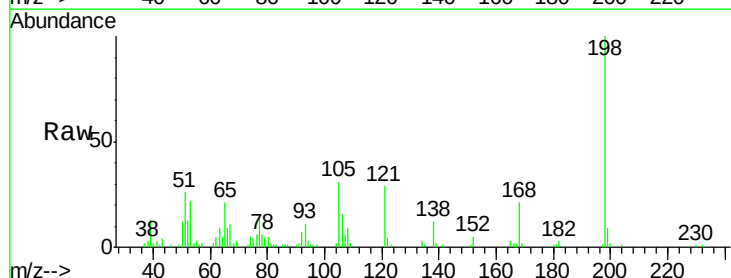
Manual Integrations
APPROVED

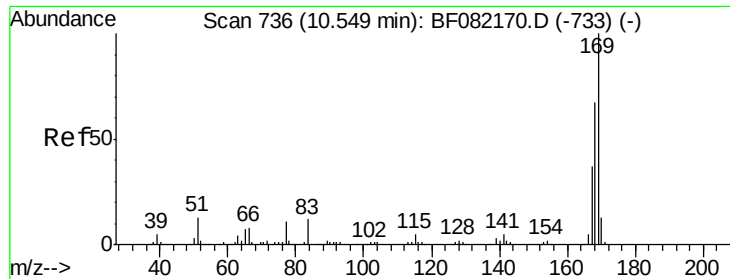
MmDadoda
10/26/2015 7:22:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.01 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.2	13.6	53.6
105	30.7	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 50.72 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

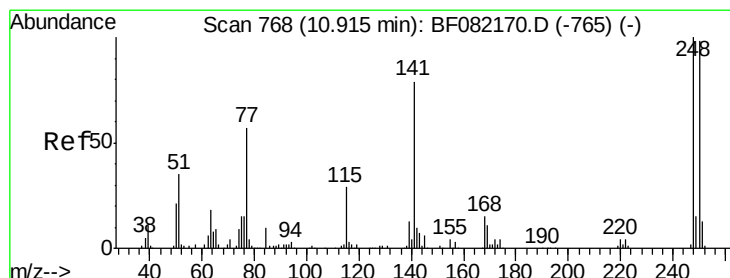
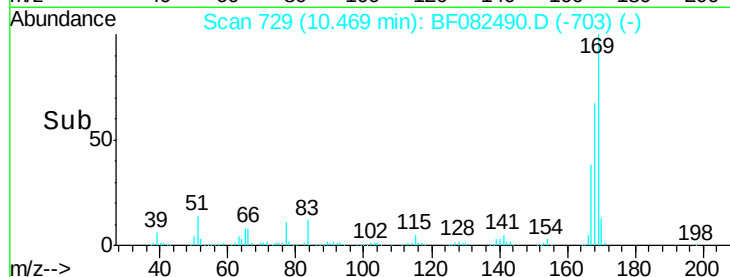
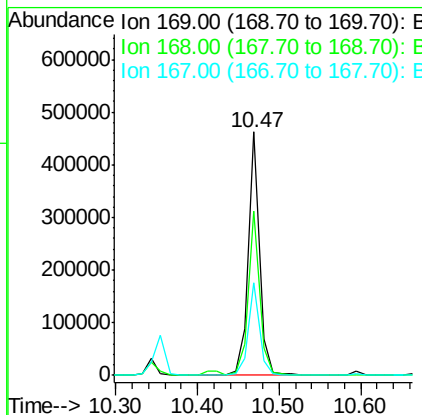
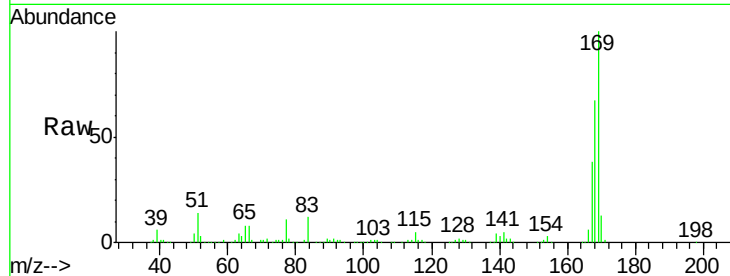
ClientSampleId :

NC-003MSD

Tgt Ion:	169	Resp:	445342
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.0	81.0
167	37.8	29.6	44.4

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#66

4-Bromophenyl-phenylether

Concen: 51.22 ng

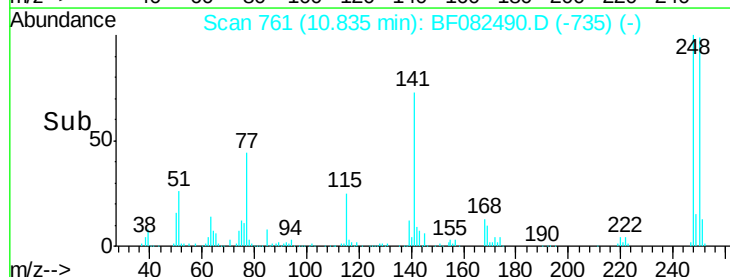
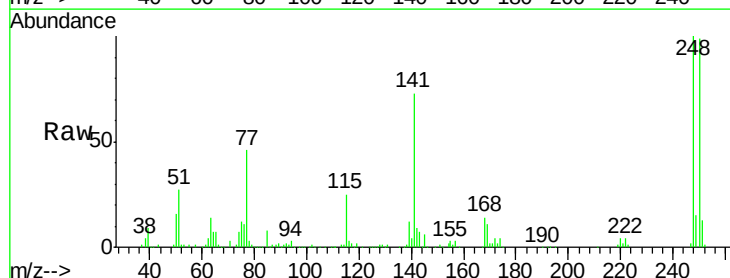
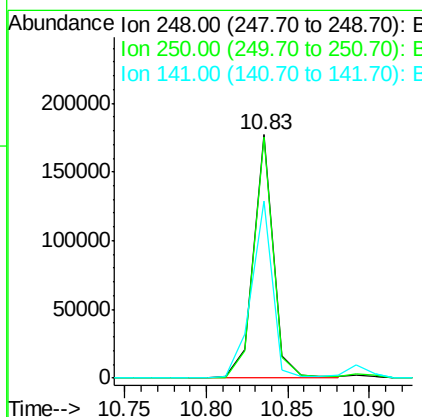
RT: 10.83 min Scan# 761

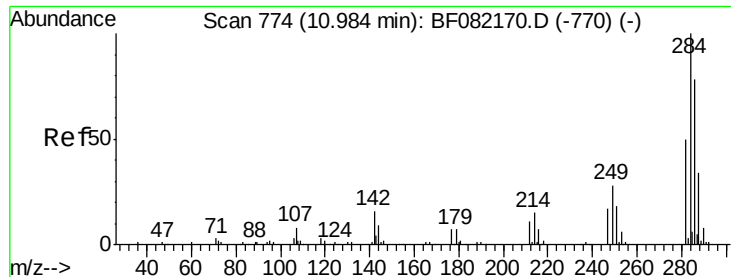
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	248	Resp:	150334
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.6	117.8
141	72.8	63.3	94.9





#67

Hexachlorobenzene

Concen: 46.84 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

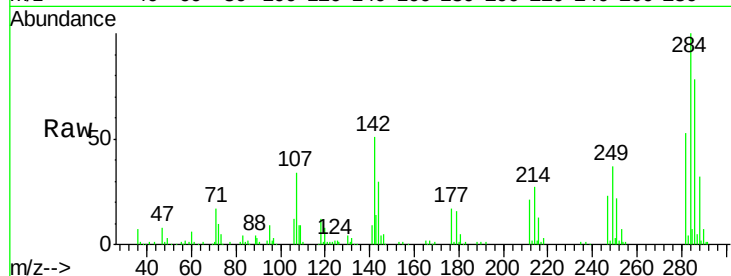
ClientSampleId :

NC-003MSD

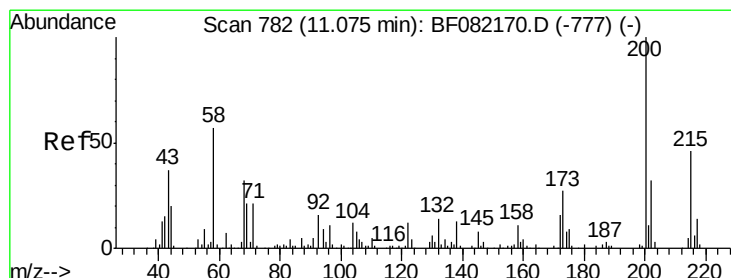
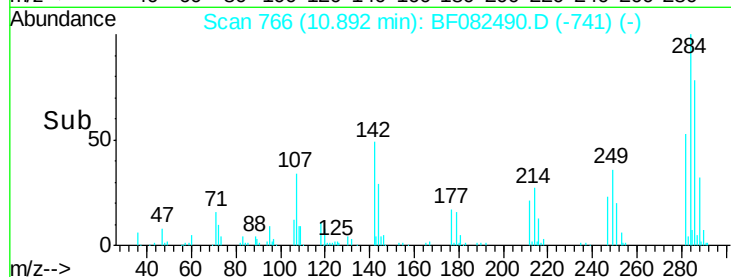
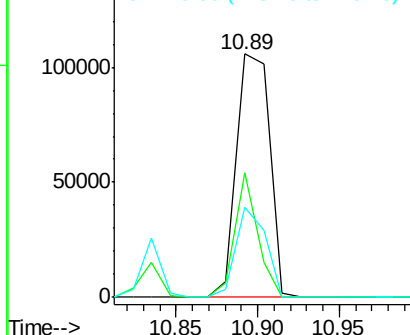
Tgt Ion:	284	Resp:	148669
Ion Ratio		Lower	Upper
284	100		
142	51.0	13.0	19.6#
249	37.1	22.5	33.7#

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 59.35 ng

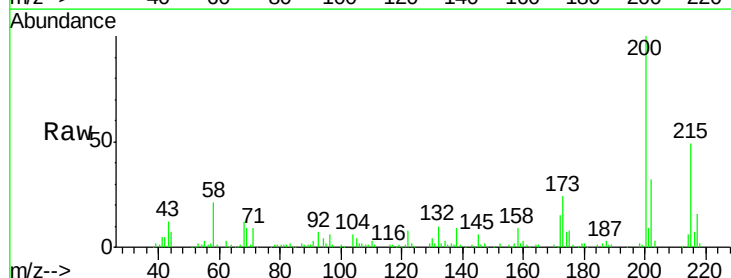
RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

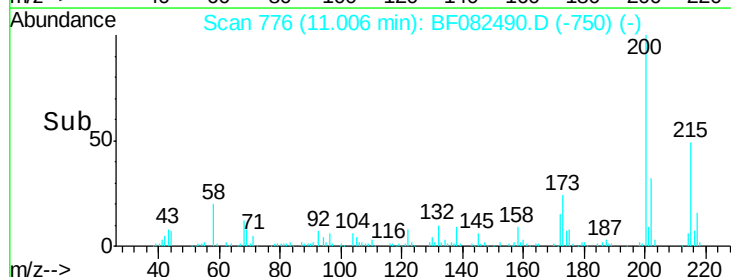
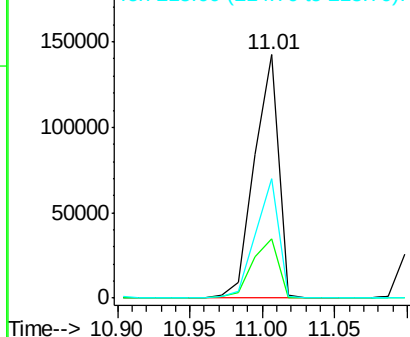
Lab File: BF082490.D

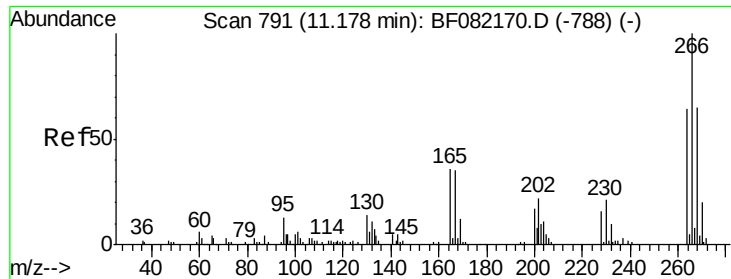
Acq: 24 Oct 2015 3:07

Tgt Ion:	200	Resp:	165099
Ion Ratio		Lower	Upper
200	100		
173	24.3	7.3	47.3
215	49.1	26.2	66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





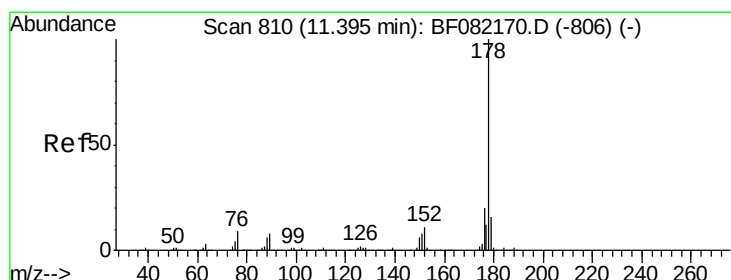
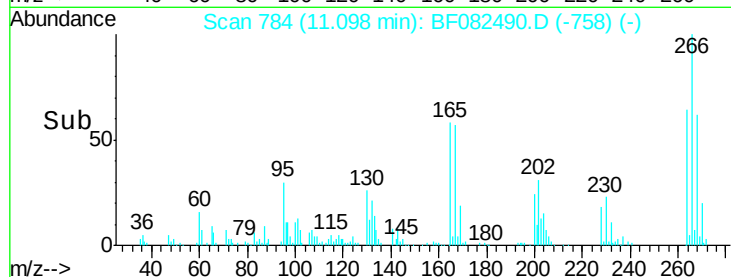
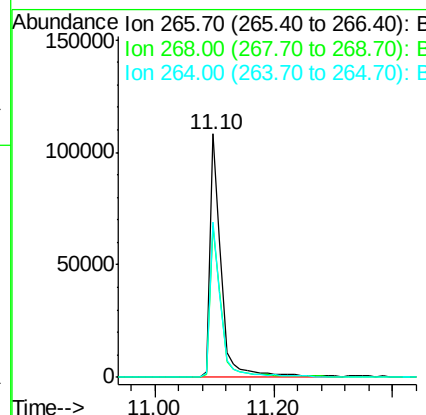
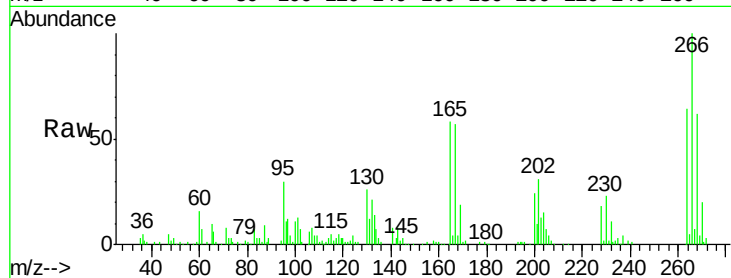
#69
 Pentachlorophenol
 Concen: 88.47 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	144507		
268	62.0	52.0	78.0	
264	63.8	51.4	77.0	

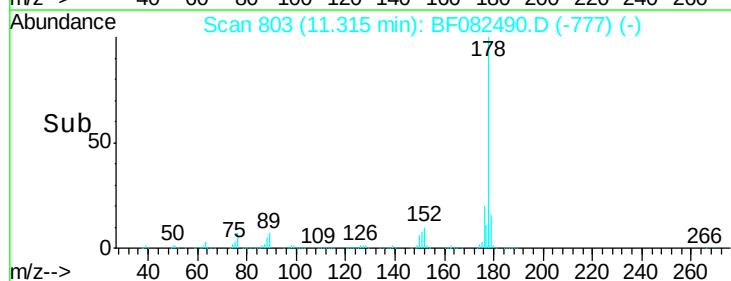
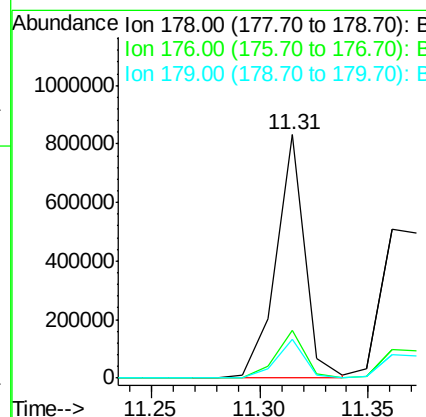
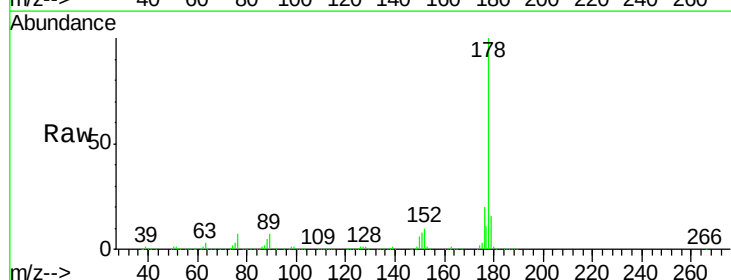
Manual Integrations
 APPROVED

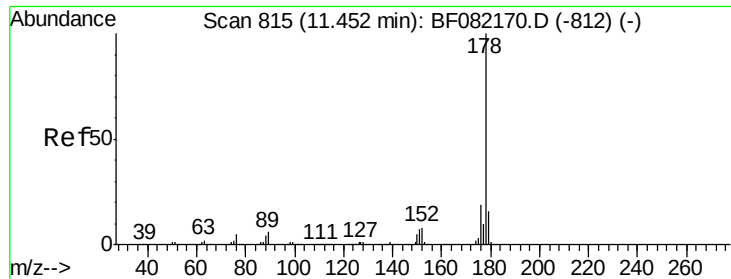
MmDadoda
 10/26/2015 7:22:34 PM



#70
 Phenanthrene
 Concen: 53.48 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	768798		
176	19.7	16.0	24.0	
179	15.9	12.6	19.0	





#71

Anthracene

Concen: 50.77 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

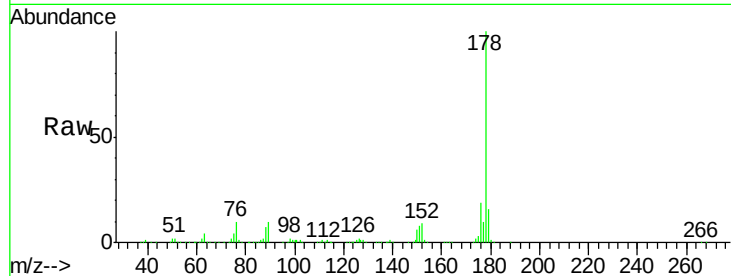
ClientSampleId :

NC-003MSD

Tgt Ion:	178	Resp:	752076
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.1	12.5	18.7

Manual Integrations
APPROVED

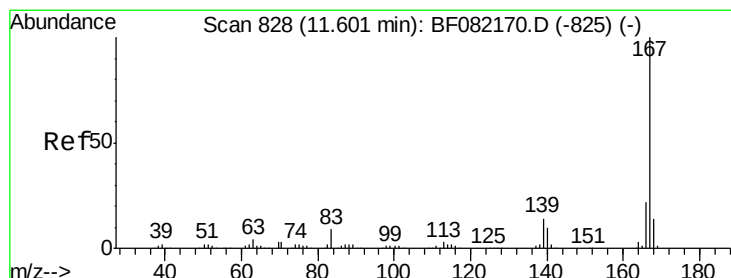
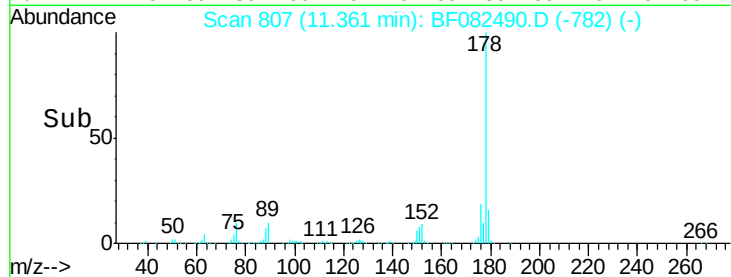
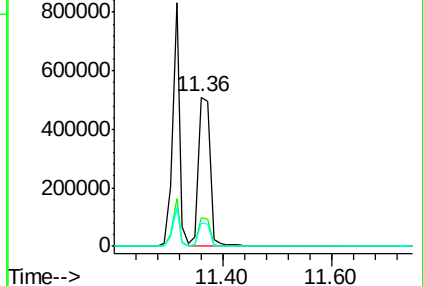
MmDadoda
10/26/2015 7:22:34 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.18 ng

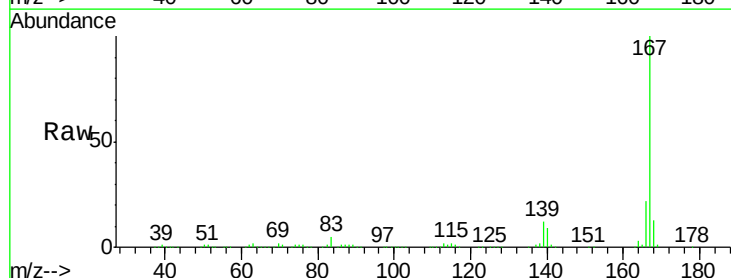
RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

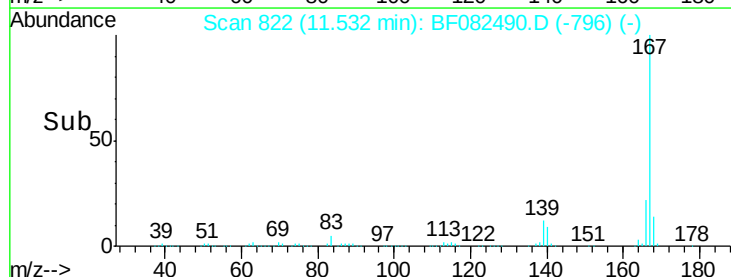
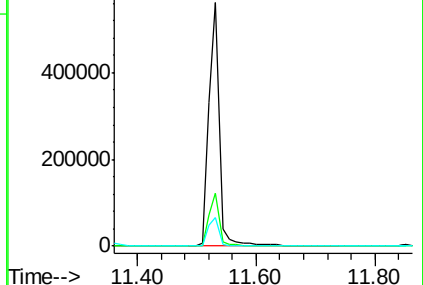
Tgt Ion:	167	Resp:	691565
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.3	25.9
139	11.9	11.2	16.8

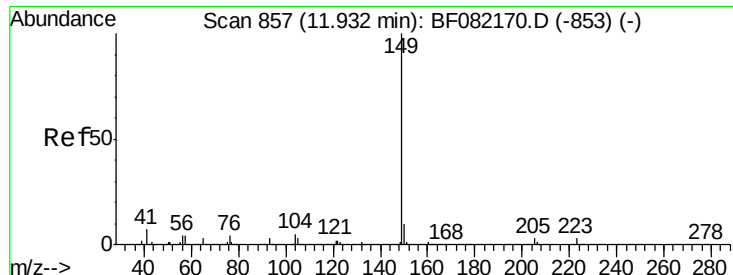


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.45 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

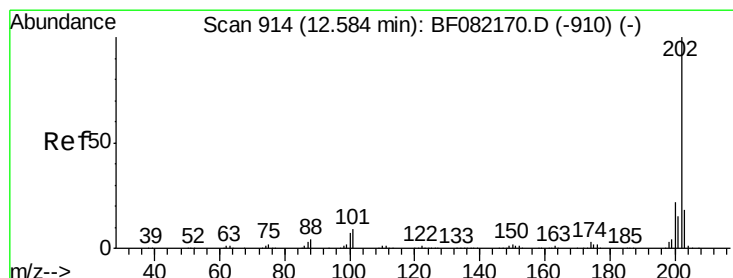
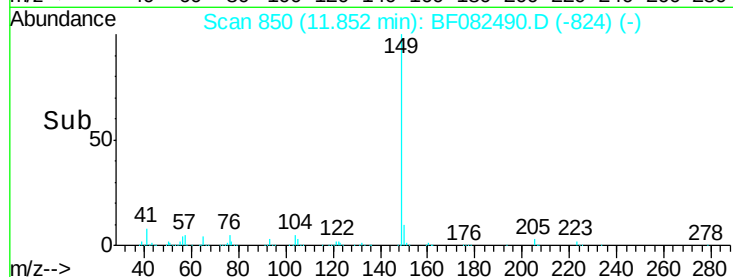
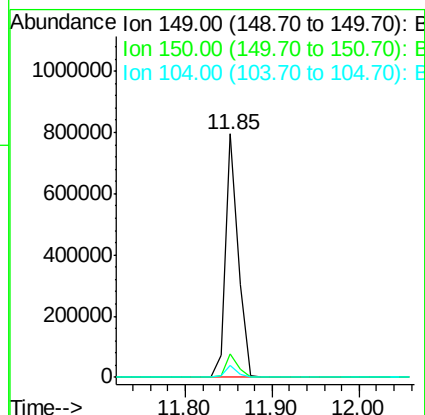
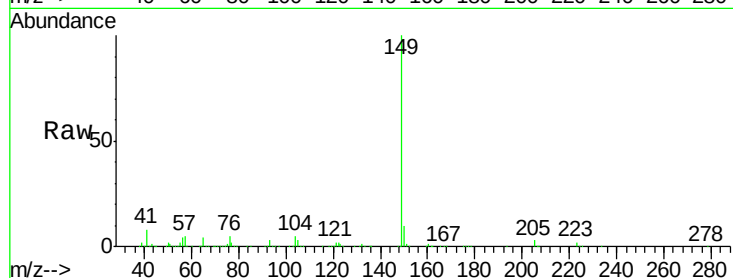
ClientSampleId :

NC-003MSD

Tgt Ion:	149	Resp:	807704
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM



#74

Fluoranthene

Concen: 50.97 ng

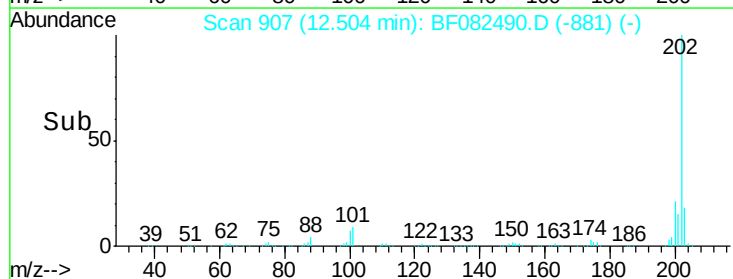
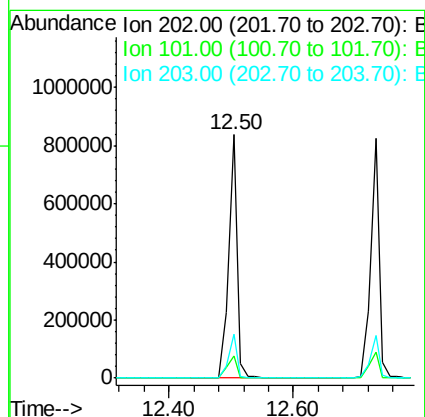
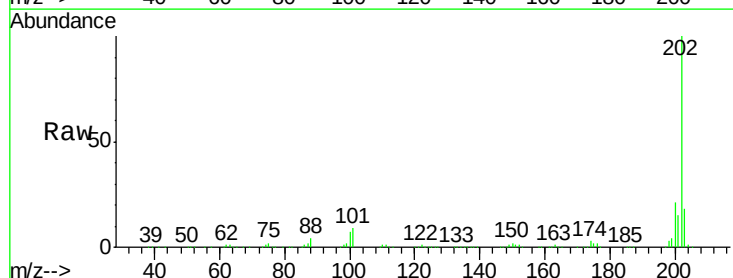
RT: 12.50 min Scan# 907

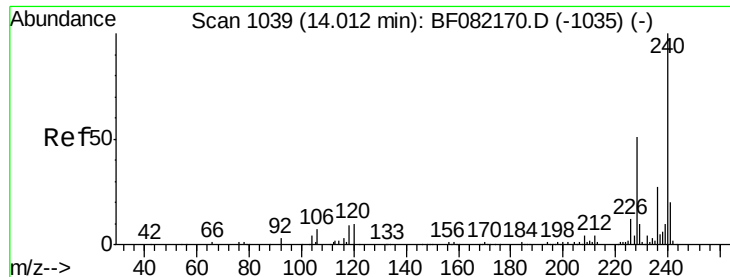
Delta R.T. 0.00 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Tgt Ion:	202	Resp:	786916
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.3
203	18.0	0.0	37.8





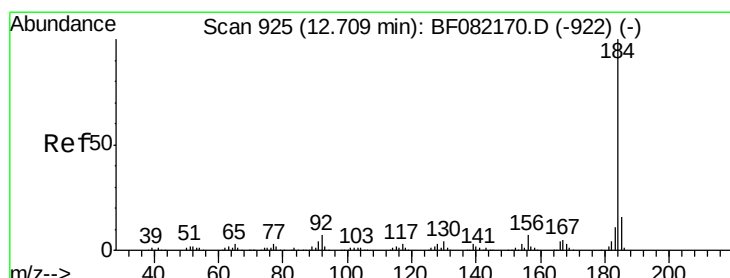
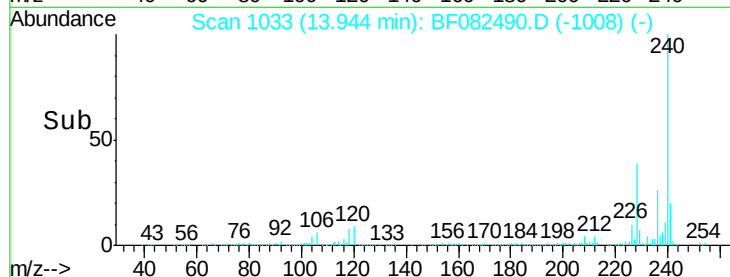
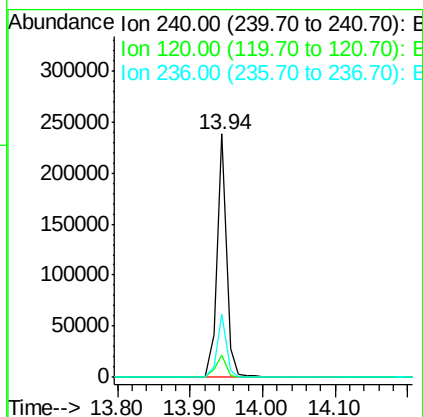
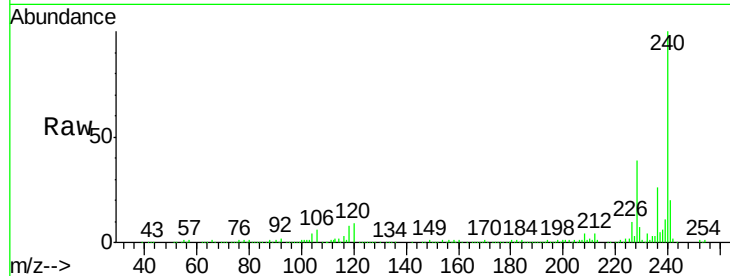
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	217486		
120	9.1	8.1	12.1	
236	26.1	21.3	31.9	

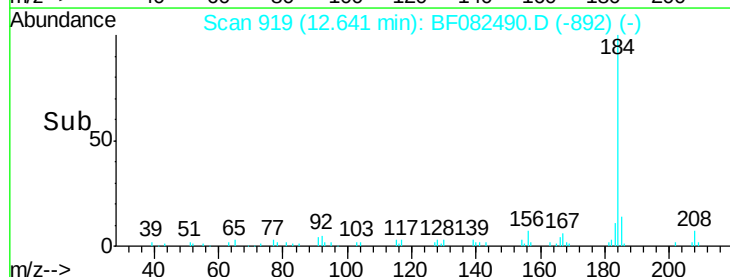
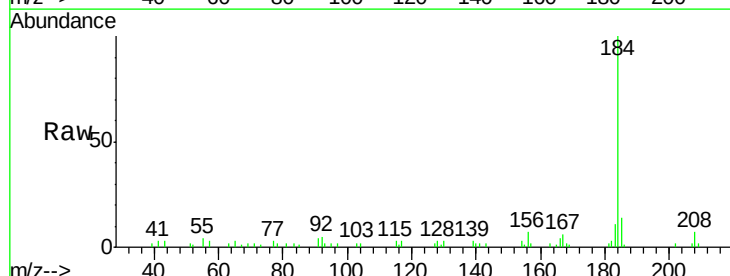
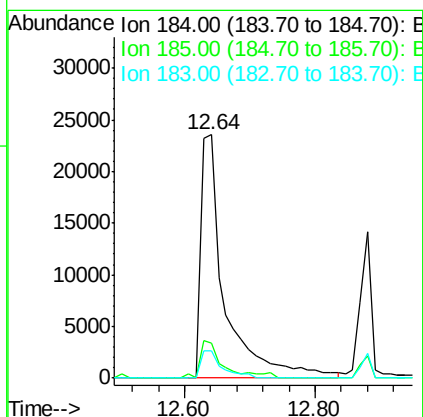
Manual Integrations
APPROVED

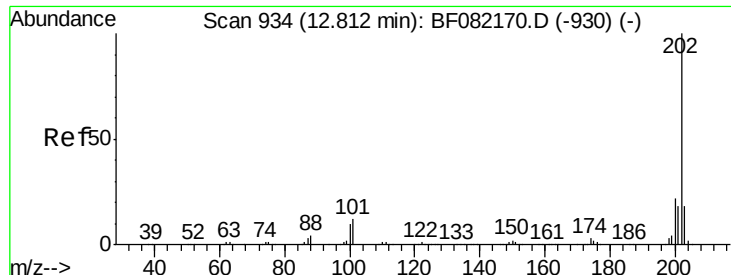
MmDadoda
10/26/2015 7:22:34 PM



#76
Benzidine
Concen: 9.42 ng
RT: 12.64 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	59372		
185	14.1	12.5	18.7	
183	11.4	9.1	13.7	





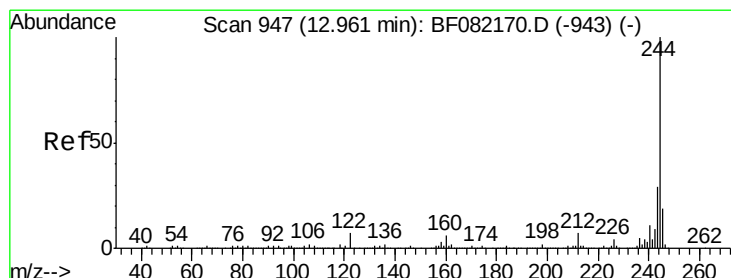
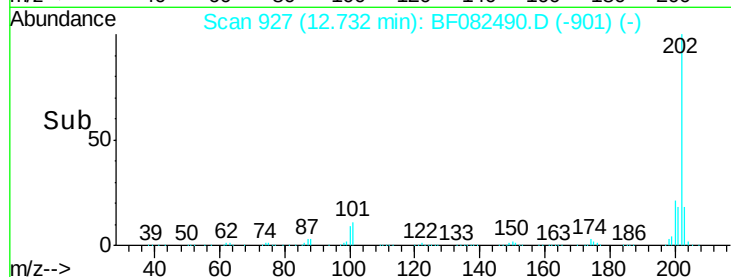
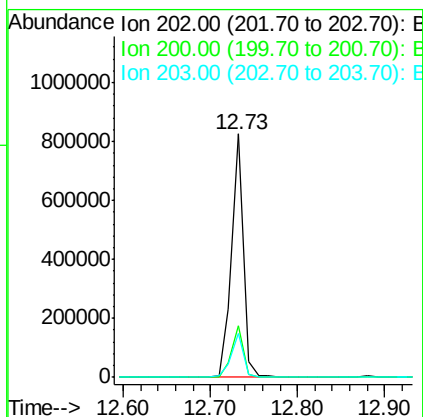
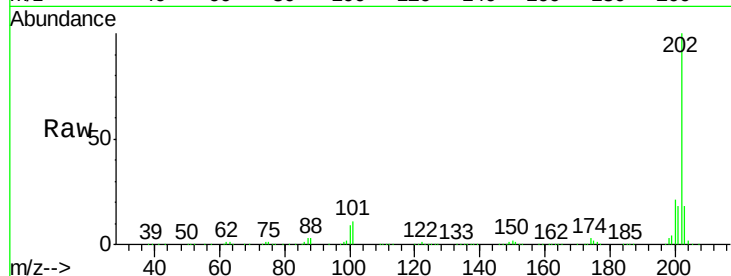
#77
 Pyrene
 Concen: 60.11 ng
 RT: 12.73 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	17.8	14.5	21.7

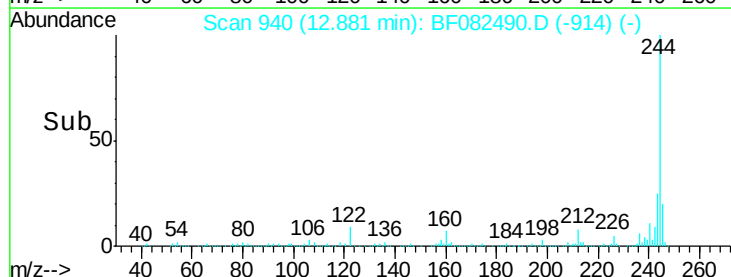
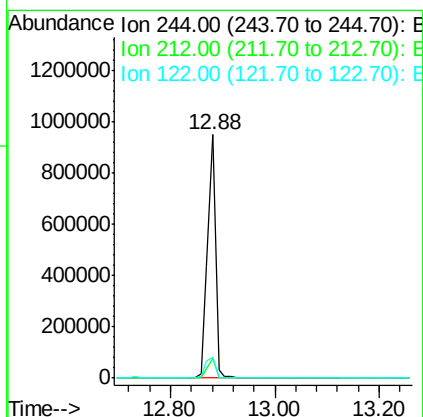
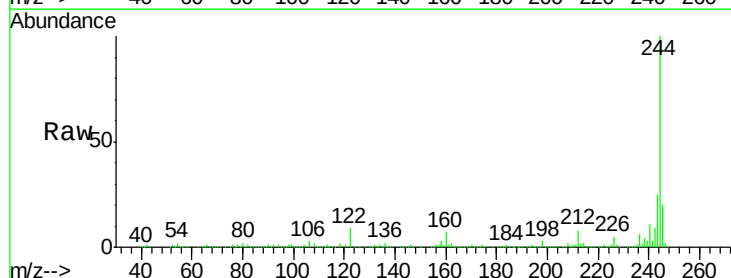
Manual Integrations
 APPROVED

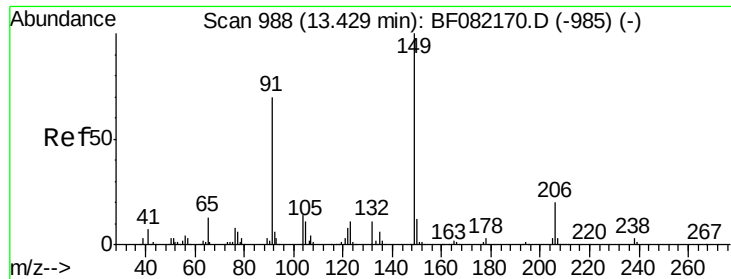
MmDadoda
 10/26/2015 7:22:34 PM



#78
 Terphenyl-d14
 Concen: 122.97 ng
 RT: 12.88 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	8.7	5.9	8.9





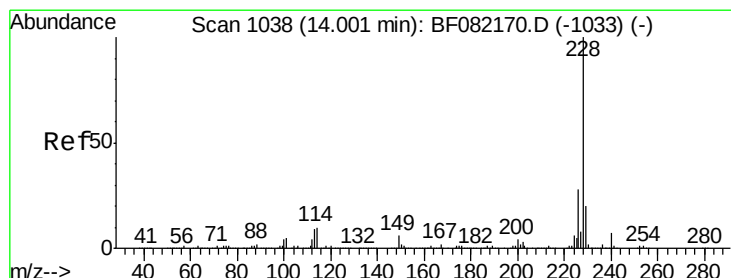
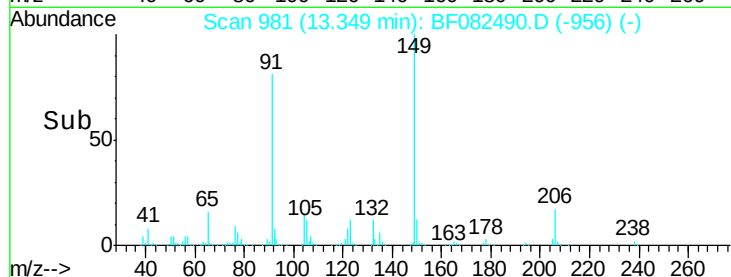
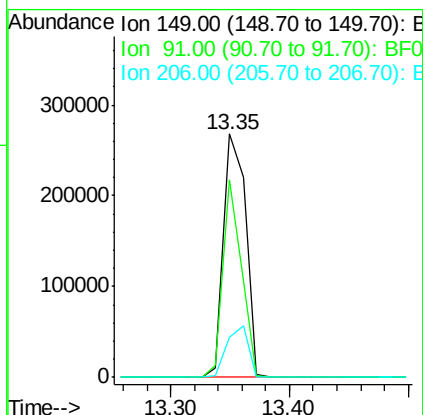
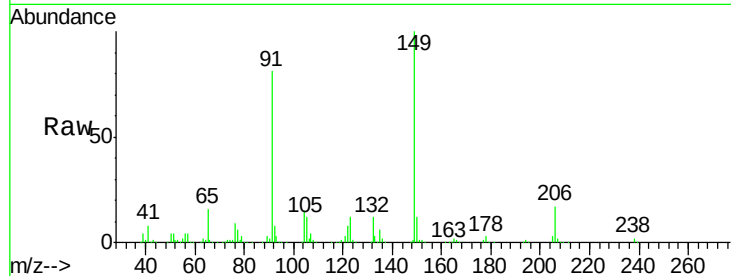
#79
Butylbenzylphthalate
Concen: 59.00 ng
RT: 13.35 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	347540		
91	81.0	55.7	83.5	
206	16.6	15.6	23.4	

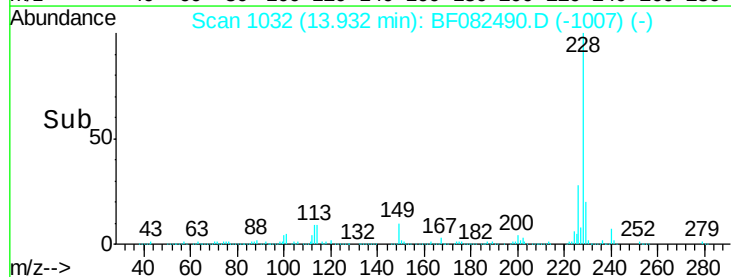
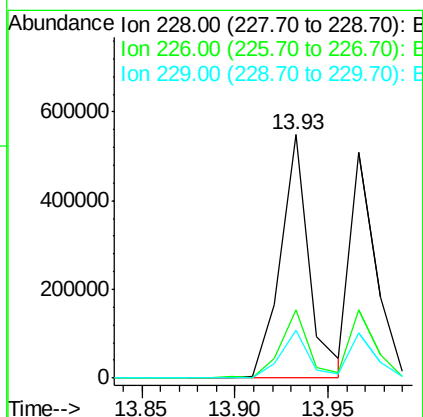
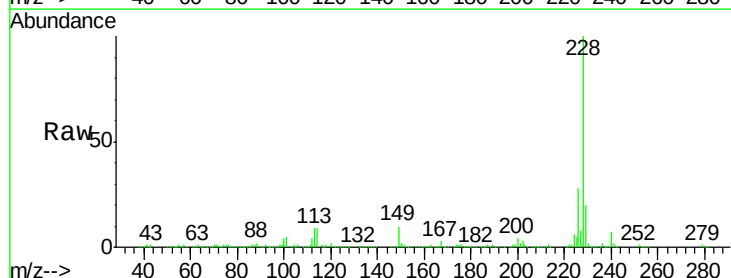
Manual Integrations
APPROVED

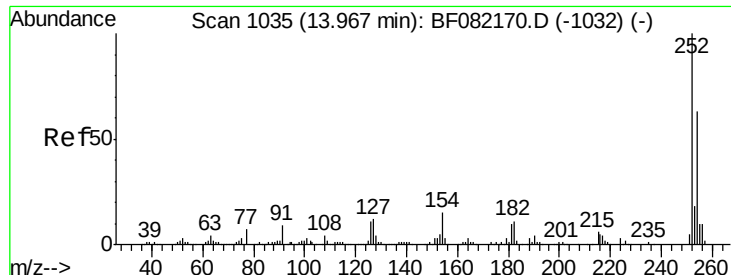
MmDadoda
10/26/2015 7:22:34 PM



#80
Benzo(a)anthracene
Concen: 51.73 ng
RT: 13.93 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	585384		
226	27.9	22.3	33.5	
229	19.8	16.2	24.2	





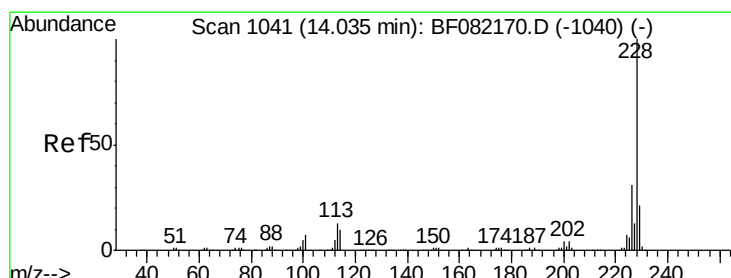
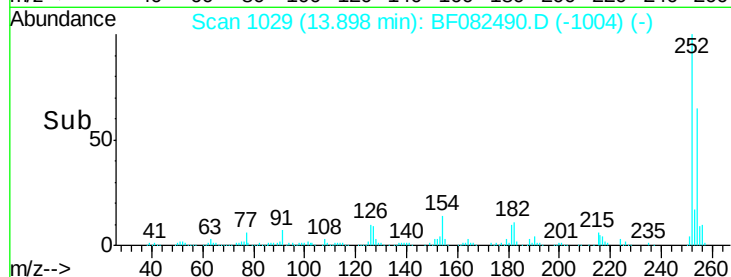
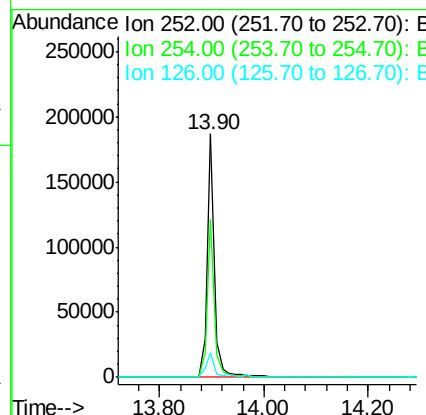
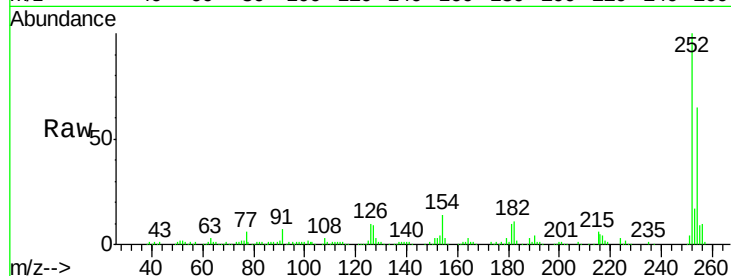
#81
 3,3'-Dichlorobenzidine
 Concen: 42.54 ng
 RT: 13.90 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	50.7	76.1
126	10.1	9.0	13.6

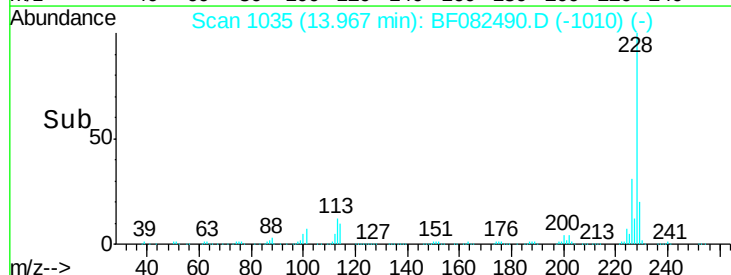
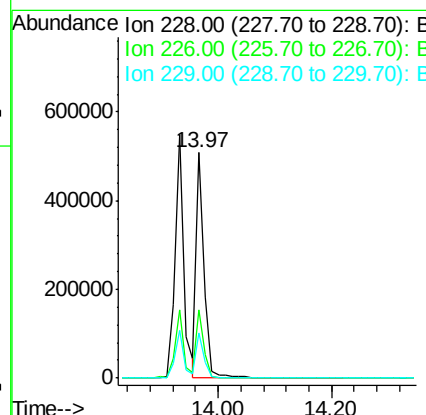
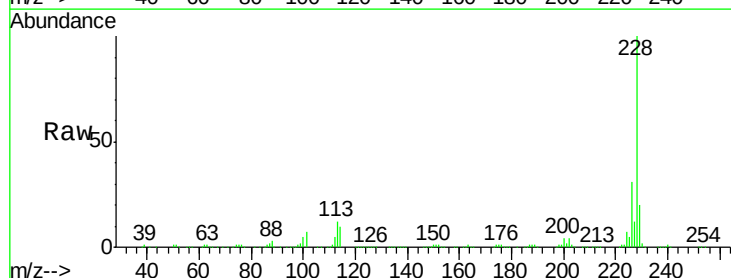
Manual Integrations
 APPROVED

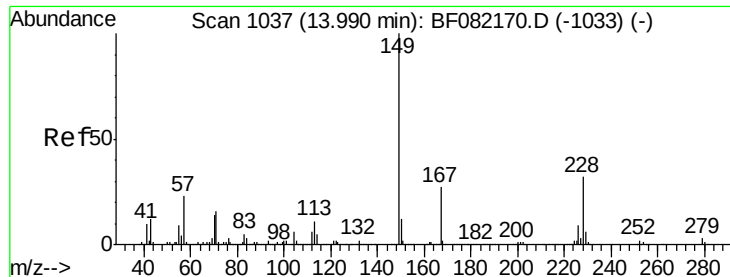
MmDadoda
 10/26/2015 7:22:34 PM



#82
 Chrysene
 Concen: 42.41 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.4	36.6
229	20.3	16.3	24.5





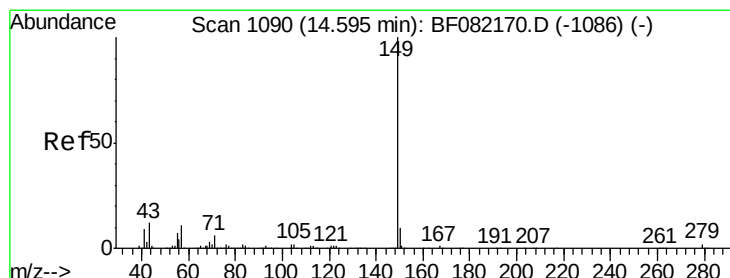
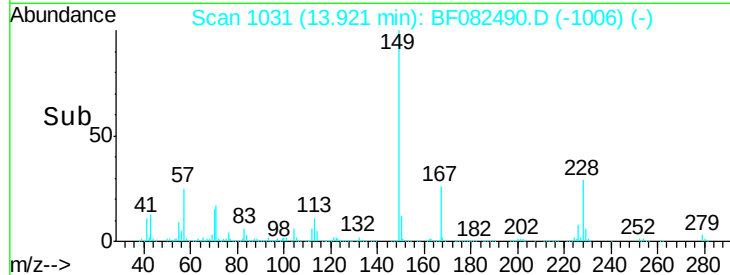
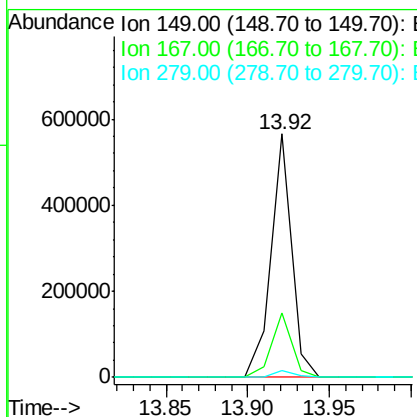
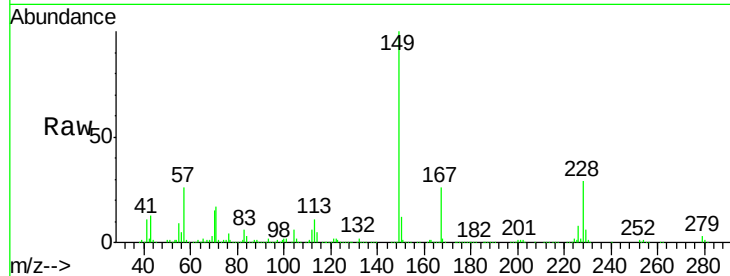
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.87 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	503116		
167	26.4	21.3	31.9	
279	2.8	2.6	4.0	

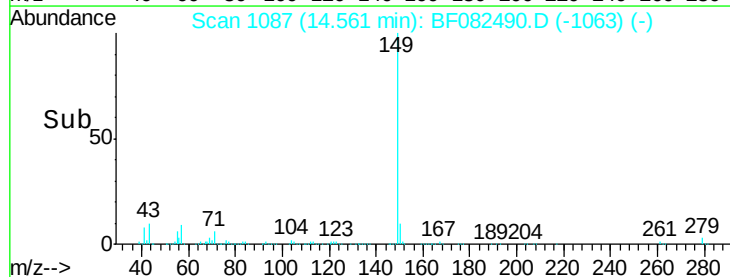
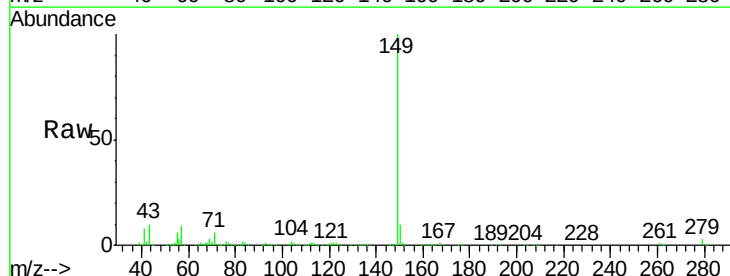
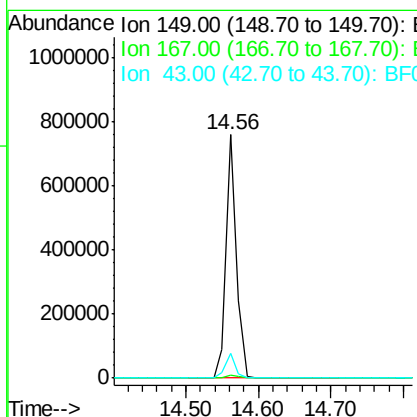
Manual Integrations
 APPROVED

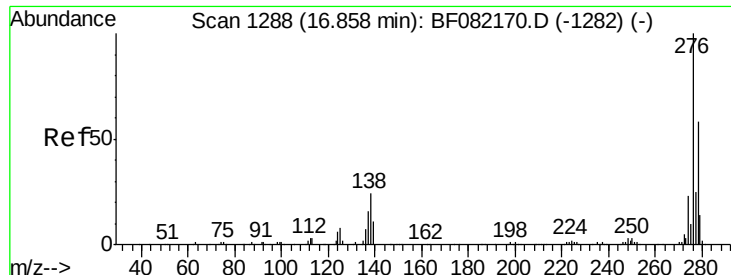
MmDadoda
 10/26/2015 7:22:34 PM



#84
 Di-n-octyl phthalate
 Concen: 52.22 ng
 RT: 14.56 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753621		
167	1.5	1.3	1.9	
43	9.3	7.4	11.2	





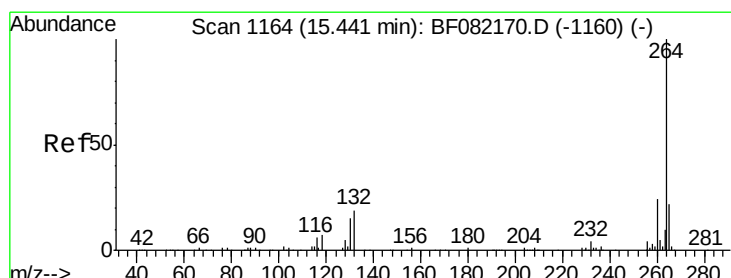
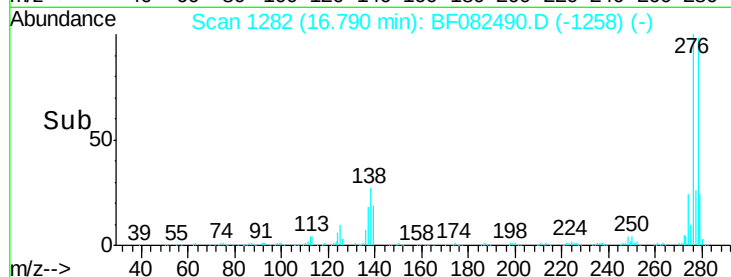
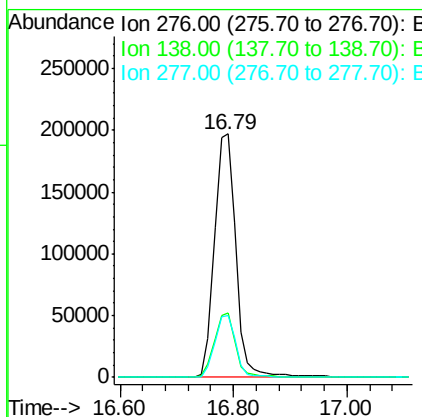
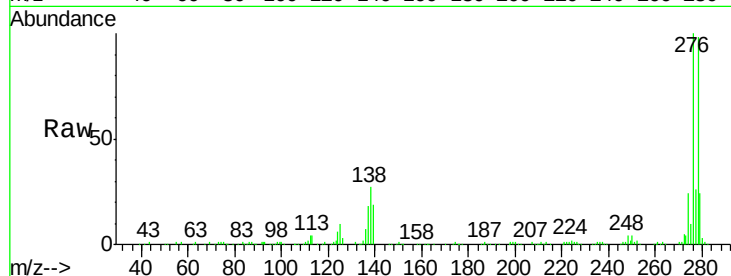
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.37 ng
 RT: 16.79 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 NC-003MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.7	29.5
277	25.3	20.1	30.1

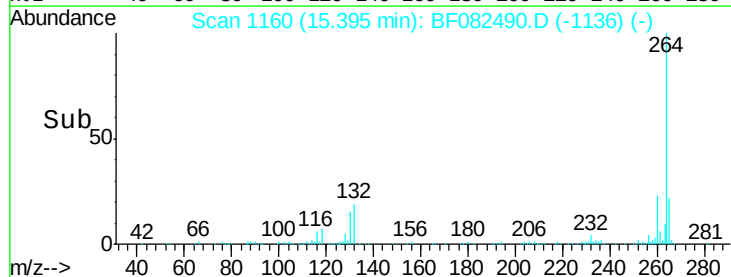
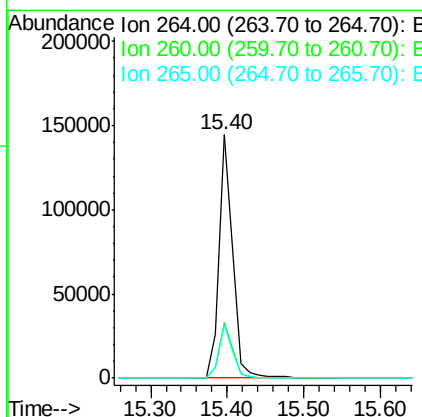
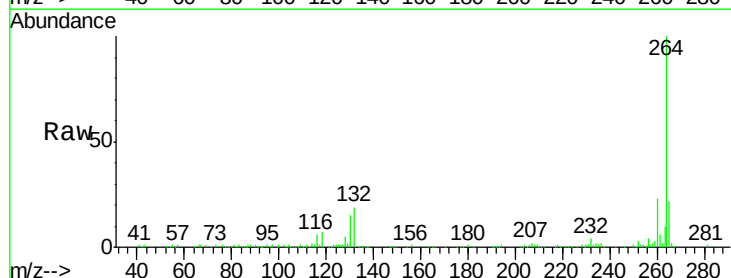
Manual Integrations
 APPROVED

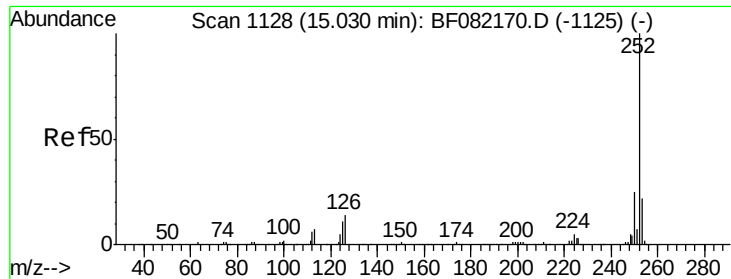
MmDadoda
 10/26/2015 7:22:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF082490.D
 Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	21.7	17.3	25.9





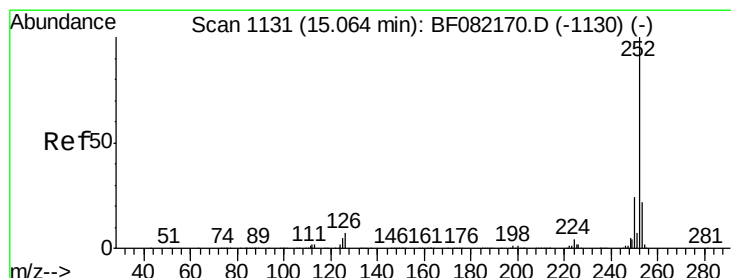
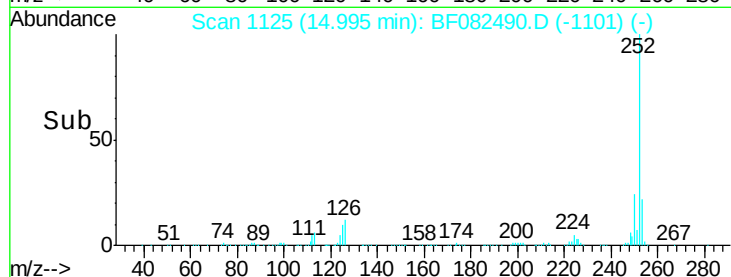
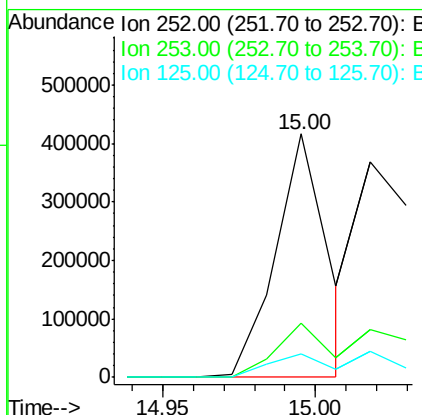
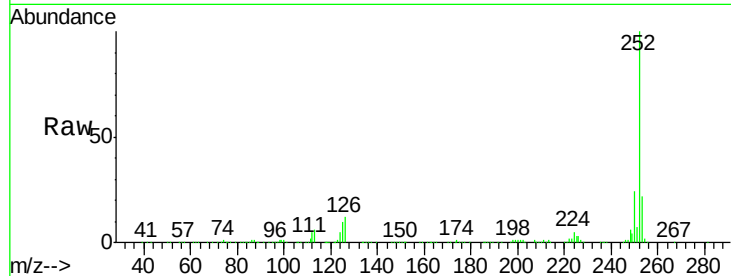
#87
Benzo(b)fluoranthene
Concen: 45.07 ng m
RT: 15.00 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	8.6	12.8

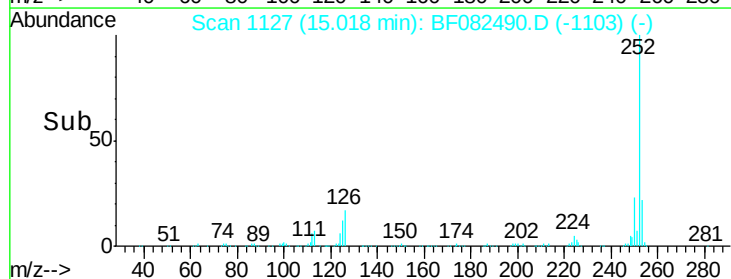
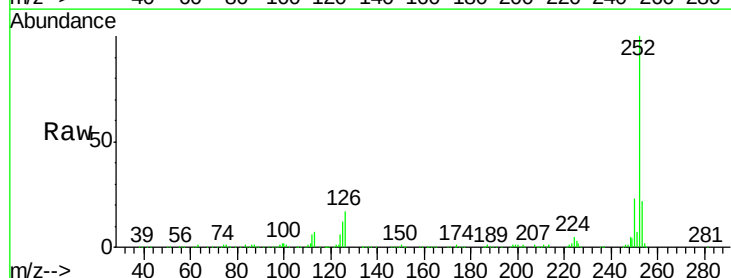
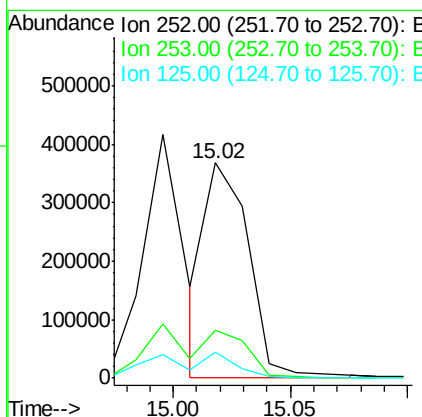
Manual Integrations
APPROVED

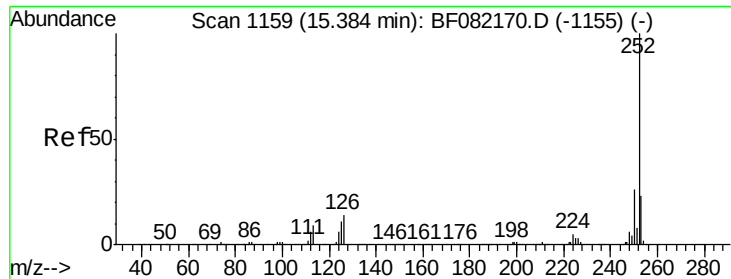
MmDadoda
10/26/2015 7:22:34 PM



#88
Benzo(k)fluoranthene
Concen: 52.82 ng m
RT: 15.02 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.0	6.7	10.1





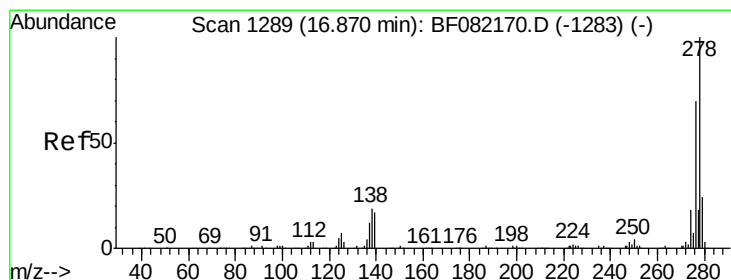
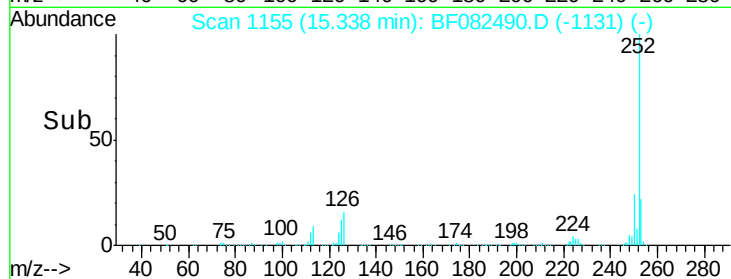
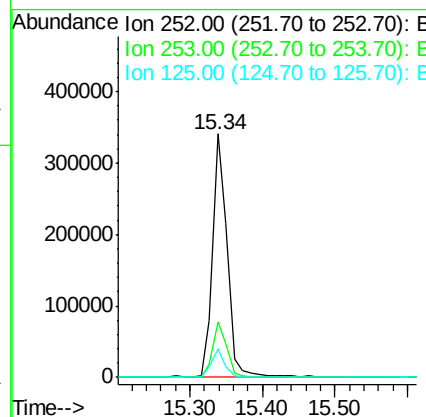
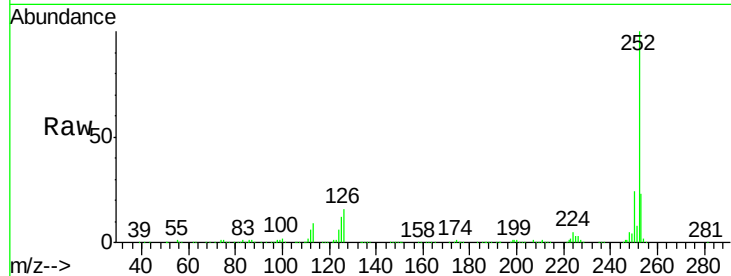
#89
Benzo(a)pyrene
Concen: 50.35 ng
RT: 15.34 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
NC-003MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.0	8.9	13.3

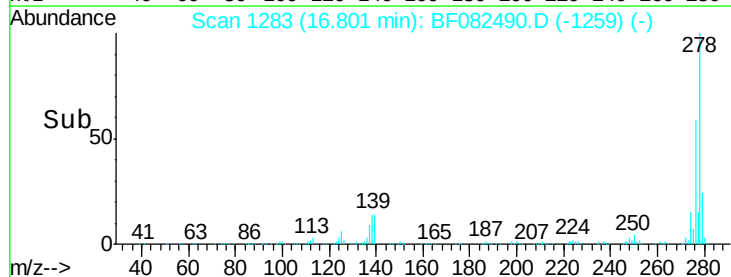
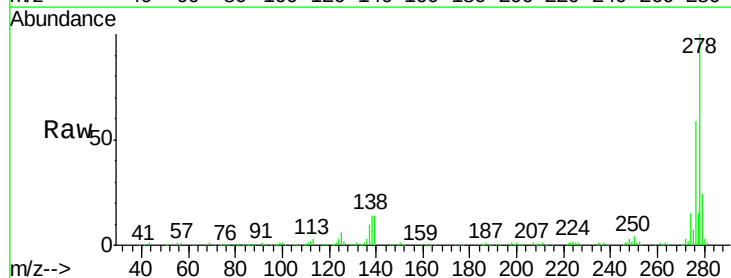
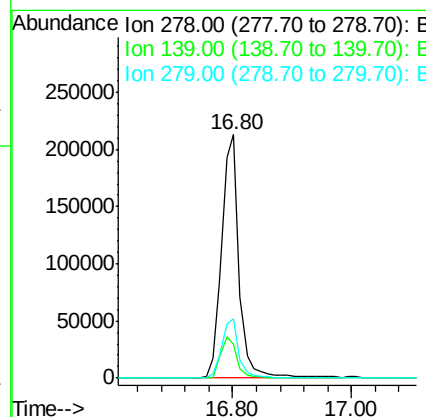
Manual Integrations
APPROVED

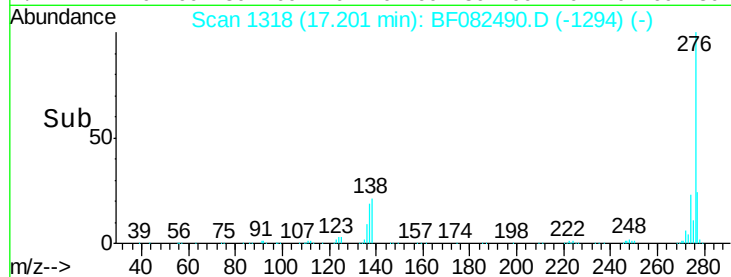
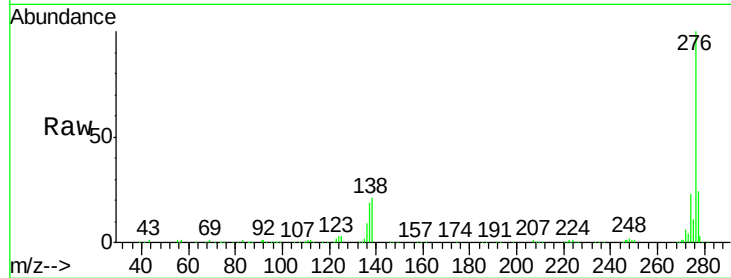
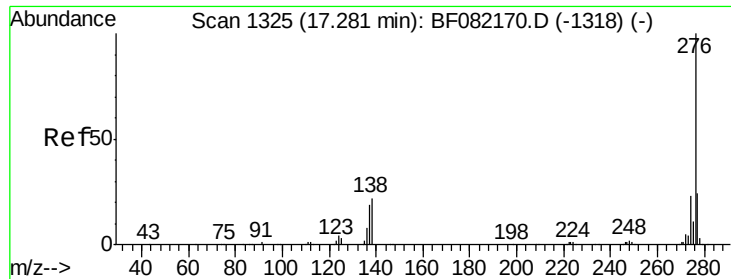
MmDadoda
10/26/2015 7:22:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.60 ng
RT: 16.80 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF082490.D
Acq: 24 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.3	19.9
279	24.2	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 57.17 ng

RT: 17.20 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF082490.D

Acq: 24 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

NC-003MSD

Tgt Ion:	276	Resp:	427107
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	21.2	17.4	26.2

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:34 PM

