

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083684.D
 Acq On : 10 Dec 2015 19:01
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/11/2015 6:01:32 PM

Quant Time: Dec 17 11:22:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	131669	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	489462	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	246454	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	462323	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	411051	20.00	ng	-0.08
86) Perylene-d12	18.58	264	345154	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	3.89	112	719564	82.89	ng	-0.08
7) Phenol-d6	5.18	99	937711	80.84	ng	-0.09
23) Nitrobenzene-d5	6.44	82	871553	83.09	ng	-0.09
41) 2,4,6-Tribromophenol	11.58	330	186662	85.01	ng	-0.10
44) 2-Fluorobiphenyl	9.25	172	1422941	81.26	ng	-0.09
78) Terphenyl-d14	15.31	244	1413737	80.92	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.72	88	181026m	42.21	ng	
3) Pyridine	2.18	79	417019	40.02	ng	99
4) n-Nitrosodimethylamine	2.14	42	191831	34.97	ng	89
6) Aniline	5.17	93	567414	39.70	ng	# 85
8) 2-Chlorophenol	5.33	128	386370	40.70	ng	98
9) Benzaldehyde	5.02	77	260681	42.07	ng	98
10) Phenol	5.21	94	572117	40.72	ng	90
11) bis(2-Chloroethyl)ether	5.28	93	422446	40.87	ng	98
12) 1,3-Dichlorobenzene	5.53	146	430949	40.73	ng	98
13) 1,4-Dichlorobenzene	5.63	146	433996	39.98	ng	99
14) 1,2-Dichlorobenzene	5.85	146	407882	40.49	ng	98
15) Benzyl Alcohol	5.87	79	325820	39.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	746365	39.05	ng	# 61
17) 2-Methylphenol	6.06	107	308406	39.93	ng	# 89
18) Hexachloroethane	6.32	117	152480	39.78	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	319103	39.41	ng	92
20) 3+4-Methylphenols	6.30	107	383336	37.69	ng	98
22) Acetophenone	6.24	105	559240	40.73	ng	99
24) Nitrobenzene	6.48	77	479487	41.36	ng	97
25) Isophorone	6.84	82	852086	41.86	ng	97
26) 2-Nitrophenol	6.96	139	198796	43.18	ng	99
27) 2,4-Dimethylphenol	7.08	122	347273	43.12	ng	98
28) bis(2-Chloroethoxy)methane	7.20	93	469539	41.54	ng	99
29) 2,4-Dichlorophenol	7.37	162	305894	41.77	ng	97
30) 1,2,4-Trichlorobenzene	7.44	180	333030	41.17	ng	98
31) Naphthalene	7.54	128	1084238	41.82	ng	99
32) Benzoic acid	7.42	122	158211	31.75	ng	97
33) 4-Chloroaniline	7.70	127	339832	35.95	ng	94
34) Hexachlorobutadiene	7.74	225	198540	42.01	ng	100
35) Caprolactam	8.30	113	97480m	44.35	ng	
36) 4-Chloro-3-methylphenol	8.53	107	357192	43.41	ng	98
37) 2-Methylnaphthalene	8.65	142	694776	42.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	334078	41.29	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	16884	25.19	ng	94

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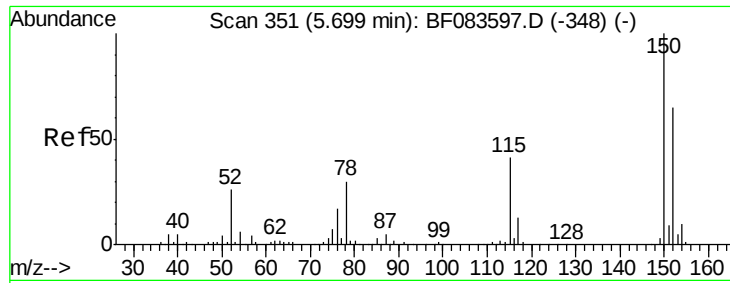
Manual Integrations
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 12/11/2015 6:01:32 PM

Quant Time: Dec 17 11:22:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	191095	39.69	nq	97
43) 2,4,5-Trichlorophenol	9.24	196	181864	38.16	nq #	88
45) 1,1'-Biphenyl	9.40	154	895648	41.81	nq	98
46) 2-Chloronaphthalene	9.41	162	674917	41.73	nq	96
47) 2-Nitroaniline	9.64	65	245731	42.13	nq	89
48) Acenaphthylene	10.06	152	1101340	41.30	nq	99
49) Dimethylphthalate	9.95	163	793744	40.46	nq	99
50) 2,6-Dinitrotoluene	10.04	165	169582	41.87	nq	98
51) Acenaphthene	10.35	154	632270	41.41	nq	97
52) 3-Nitroaniline	10.32	138	181878	42.25	nq	99
53) 2,4-Dinitrophenol	10.58	184	76508	41.10	nq	95
54) Dibenzofuran	10.64	168	888138	41.95	nq	98
55) 4-Nitrophenol	10.78	139	60022	31.67	nq	88
56) 2,4-Dinitrotoluene	10.72	165	234610	43.67	nq #	79
57) Fluorene	11.18	166	764221	41.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	150185	39.28	nq #	100
59) Diethylphthalate	11.09	149	770770	40.41	nq	98
60) 4-Chlorophenyl-phenylether	11.21	204	366473	41.66	nq	98
61) 4-Nitroaniline	11.32	138	175236	44.81	nq	91
62) Azobenzene	11.47	77	921111	43.88	nq	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	122921	39.39	nq	83
65) n-Nitrosodiphenylamine	11.42	169	628247	41.17	nq	98
66) 4-Bromophenyl-phenylether	12.00	248	216626	42.01	nq	94
67) Hexachlorobenzene	12.08	284	225924	41.30	nq #	86
68) Atrazine	12.34	200	189727	41.79	nq	97
69) Pentachlorophenol	12.48	266	27503	24.72	nq	97
70) Phenanthrene	12.73	178	1114829	41.97	nq	100
71) Anthracene	12.82	178	1176094	42.74	nq	100
72) Carbazole	13.12	167	1034305	43.83	nq	98
73) Di-n-butylphthalate	13.73	149	1253986	42.25	nq	99
74) Fluoranthene	14.66	202	1179609	43.41	nq	99
76) Benzidine	14.95	184	502534	39.30	nq	98
77) Pyrene	15.01	202	1204792	40.71	nq	100
79) Butylbenzylphthalate	16.15	149	548149	41.73	nq	96
80) Benzo(a)anthracene	16.90	228	975625	40.55	nq	99
81) 3,3'-Dichlorobenzidine	16.89	252	363103	44.68	nq	100
82) Chrysene	16.95	228	1032901	42.83	nq	99
83) Bis(2-ethylhexyl)phthalate	17.01	149	751565	41.22	nq	100
84) Di-n-octyl phthalate	17.78	149	1189932	42.71	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	721733	44.33	nq #	100
87) Benzo(b)fluoranthene	18.18	252	875835	44.56	nq #	97
88) Benzo(k)fluoranthene	18.21	252	858128m	39.62	nq	
89) Benzo(a)pyrene	18.51	252	807270	42.09	nq	97
90) Dibenzo(a,h)anthracene	19.77	278	629834	42.95	nq	100
91) Benzo(g,h,i)perylene	20.13	276	563650	39.42	nq	96

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



#1

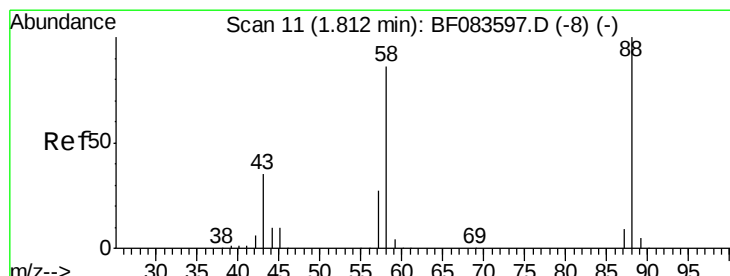
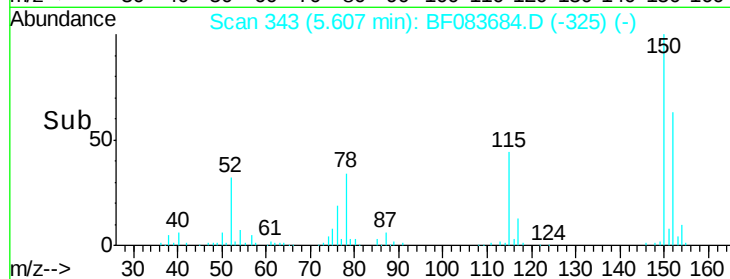
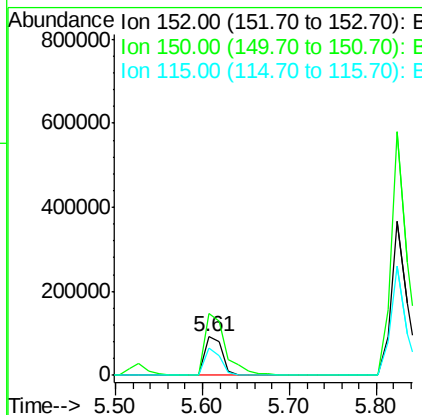
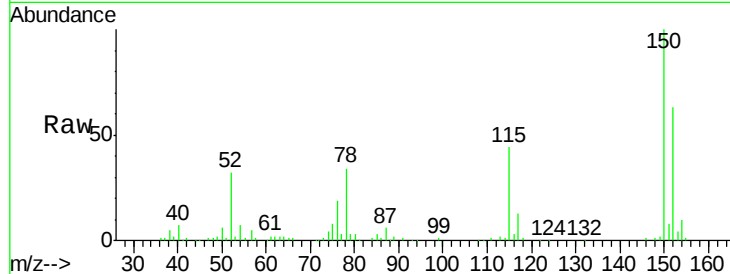
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.5	189.7
115	70.5	52.3	78.5

Manual Integrations
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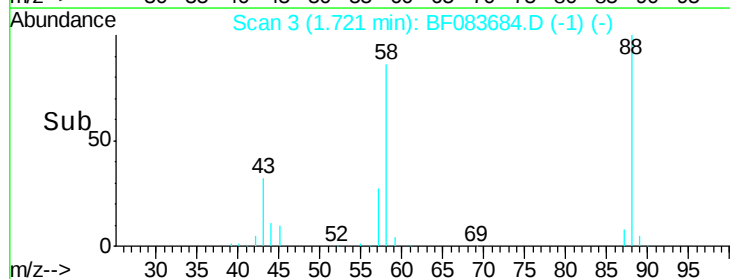
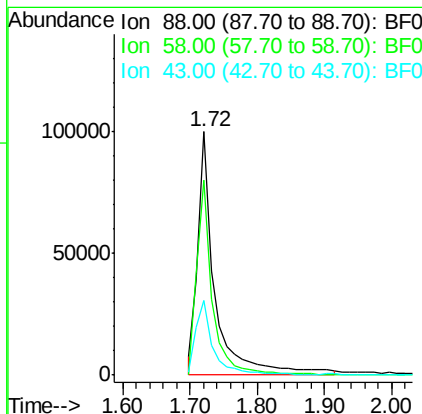
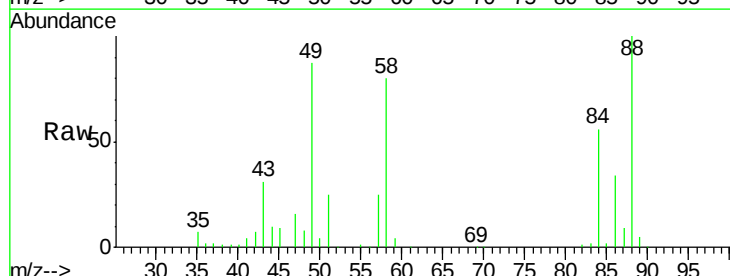
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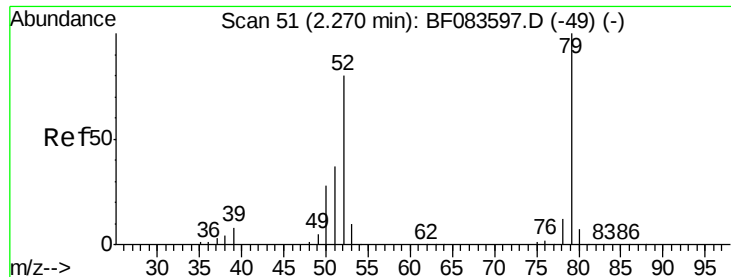


#2

1,4-Dioxane
Concen: 42.21 ng m
RT: 1.72 min Scan# 3
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.0	102.0#
43	0.0	27.9	41.9#





#3

Pvridine

Concen: 40.02 ng

RT: 2.18 min Scan# 43

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

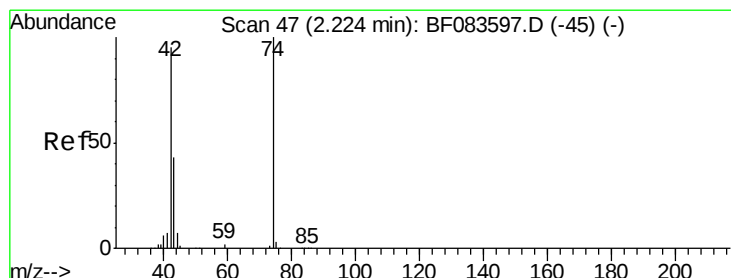
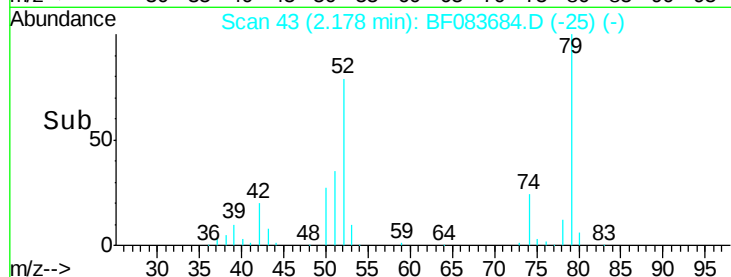
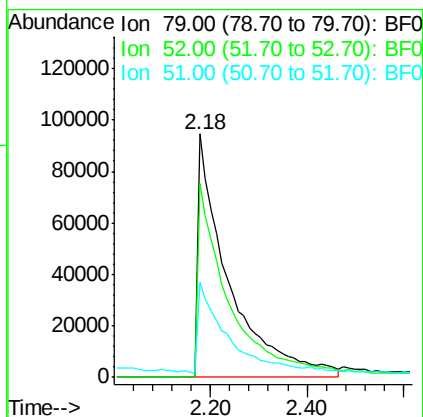
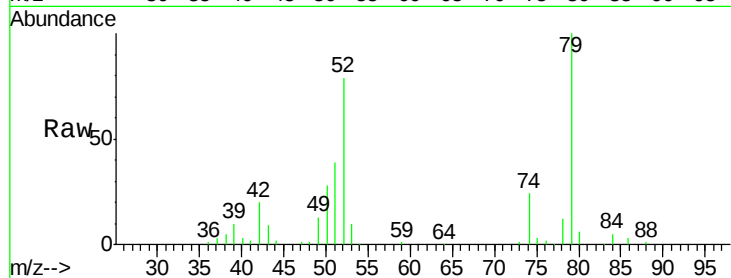
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	417019
Ion	Ratio	Lower	Upper
79	100		
52	79.3	63.7	95.5
51	39.3	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.97 ng

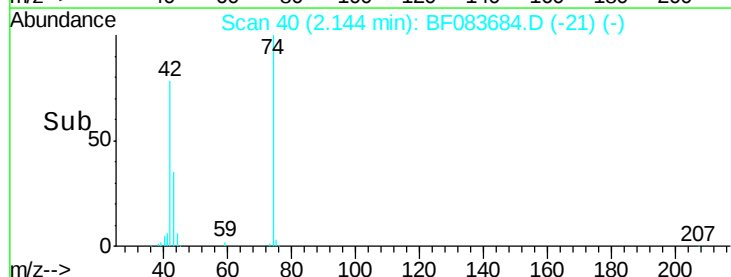
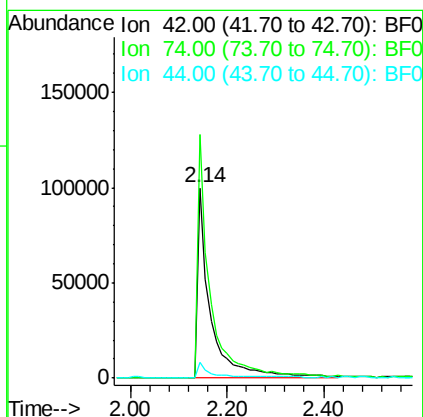
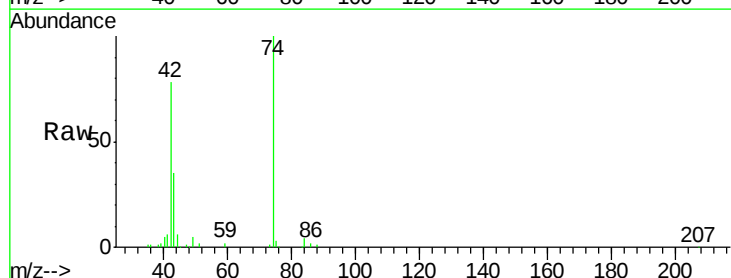
RT: 2.14 min Scan# 40

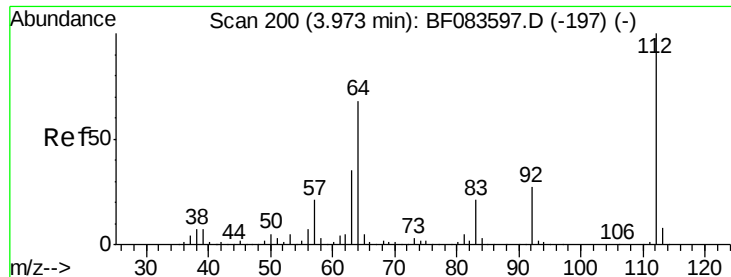
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	42	Resp:	191831
Ion	Ratio	Lower	Upper
42	100		
74	128.3	92.9	139.3
44	8.1	5.7	8.5





#5

2-Fluorophenol

Concen: 82.89 ng

RT: 3.89 min Scan# 193

Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

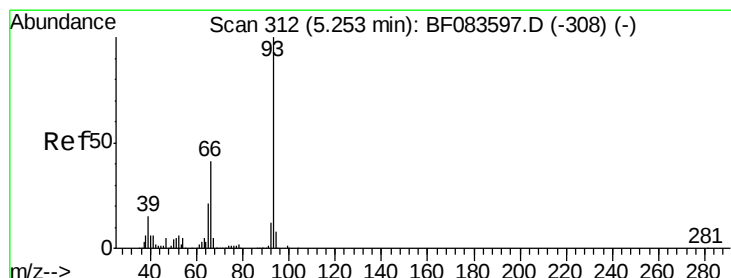
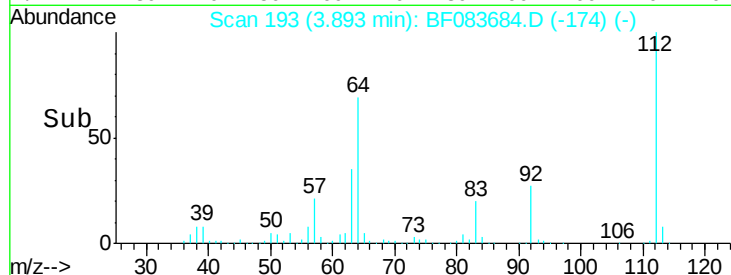
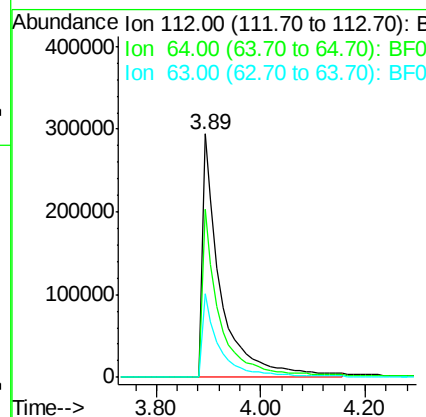
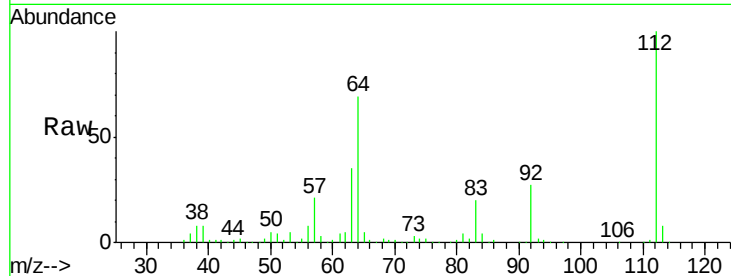
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		719564		
64	69.1	50.5	75.7		
63	34.6	25.8	38.6		

Manual Integrations
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#6

Aniline

Concen: 39.70 ng

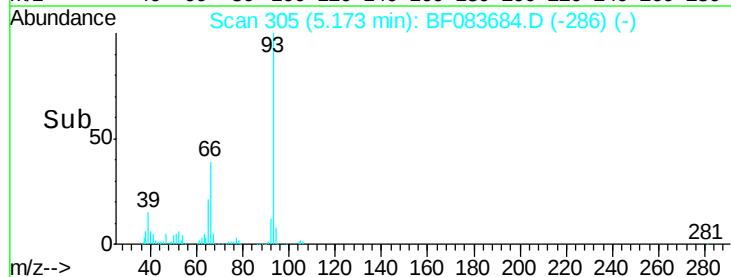
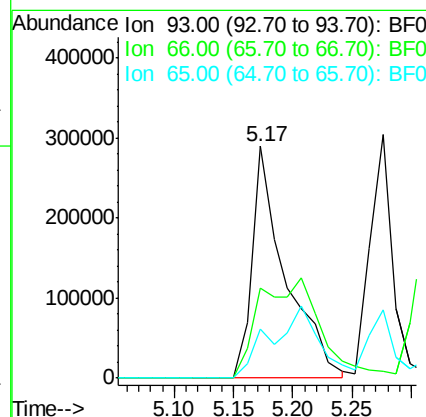
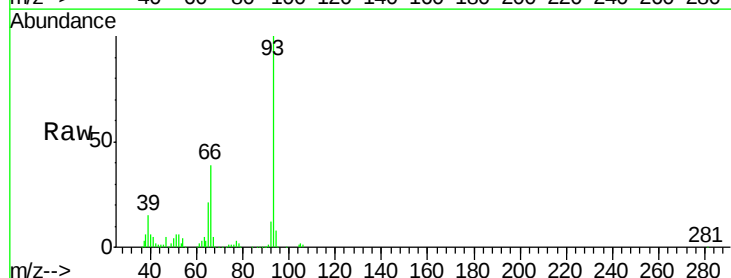
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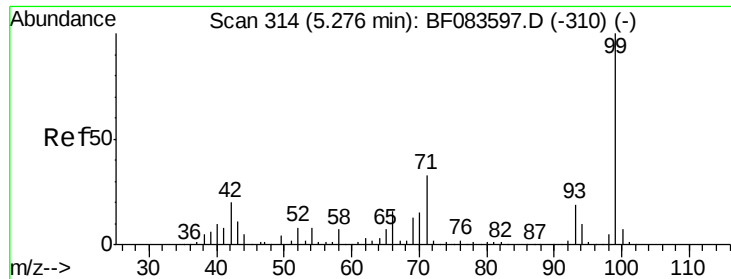
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		567414		
66	38.9	41.3	61.9#		
65	21.3	20.8	31.2		





#7

Phenol-d6

Concen: 80.84 ng

RT: 5.18 min Scan# 306

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

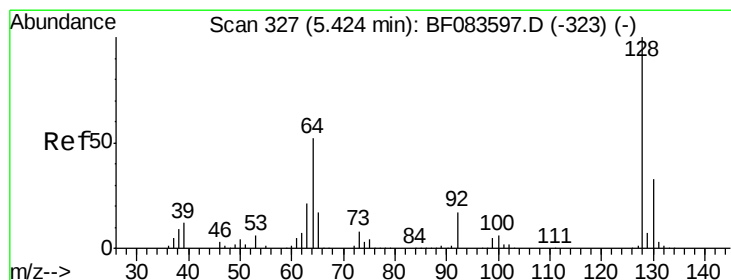
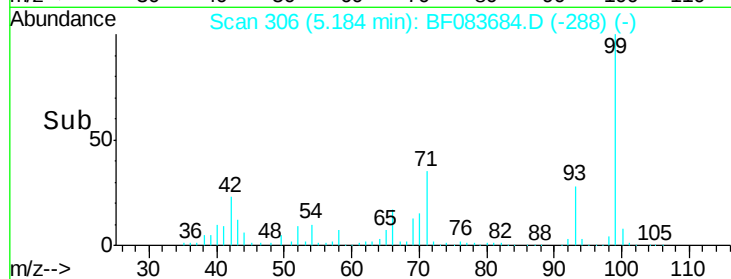
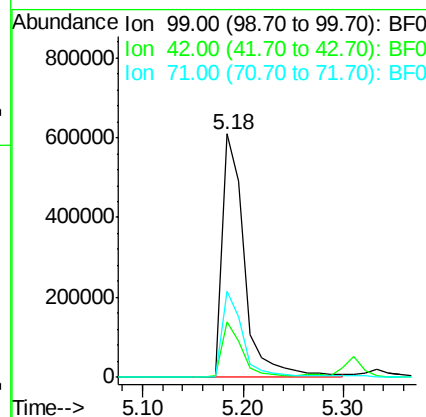
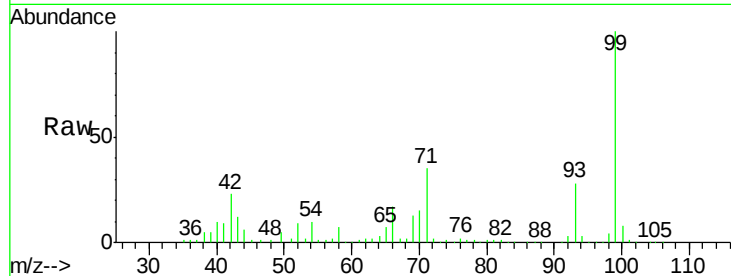
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	937711
Ion Ratio	Lower	Upper	
99	100		
42	22.7	17.3	25.9
71	35.4	26.6	40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.70 ng

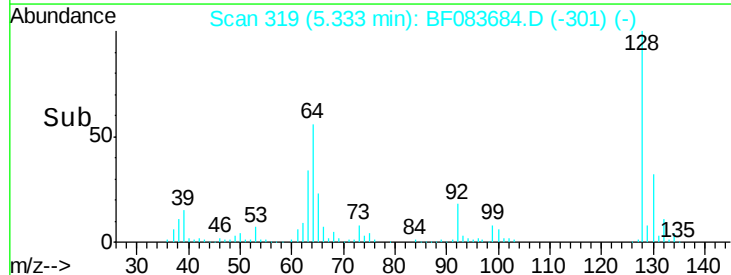
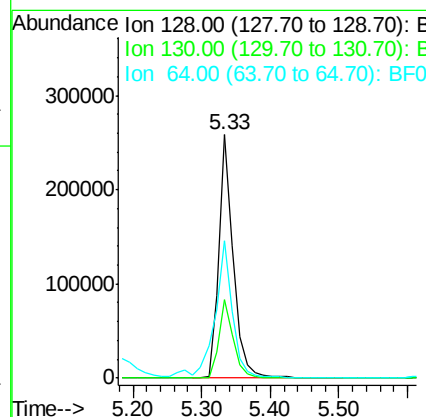
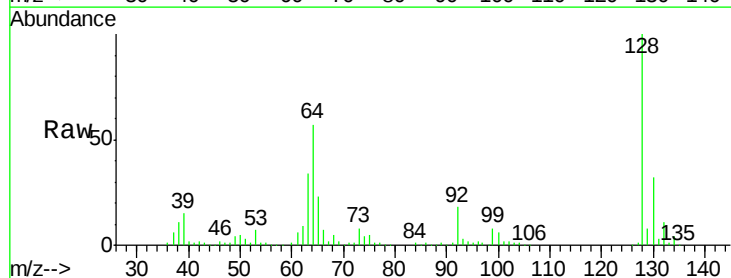
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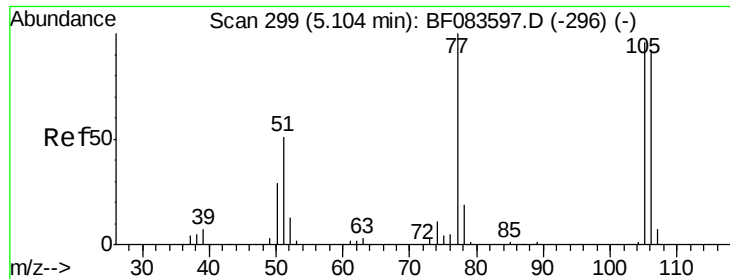
Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	128	Resp:	386370
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	56.5	38.6	78.6





#9

Benzaldehyde

Concen: 42.07 ng

RT: 5.02 min Scan# 292

Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

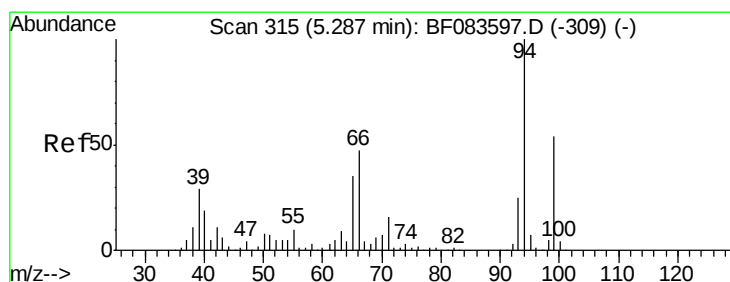
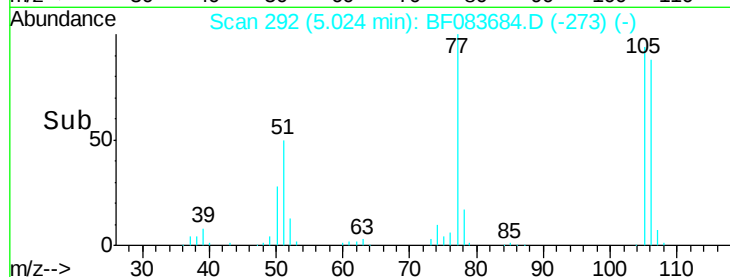
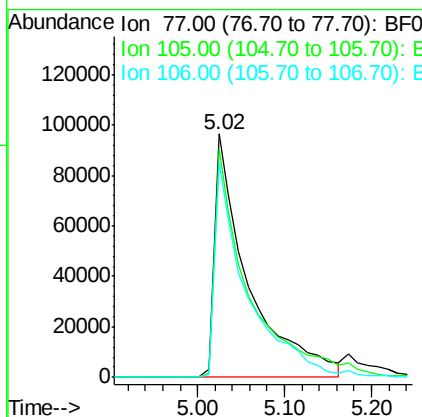
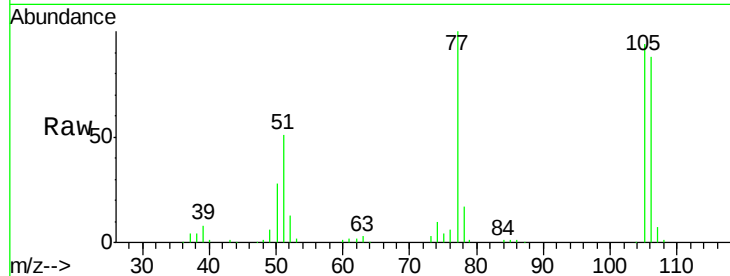
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	260681
Ion Ratio	Lower	Upper	
77	100		
105	93.8	71.8	111.8
106	87.8	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 40.72 ng

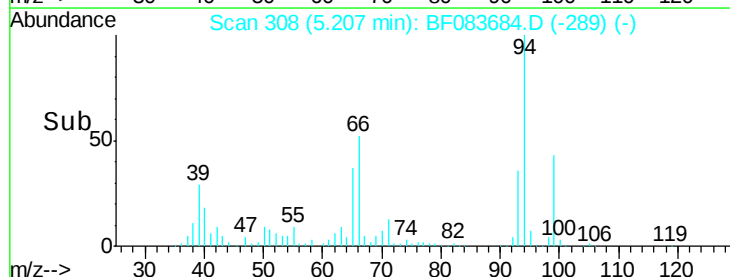
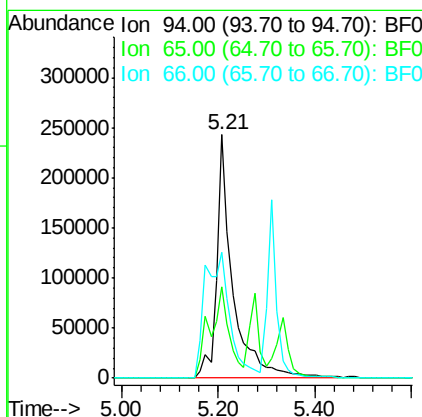
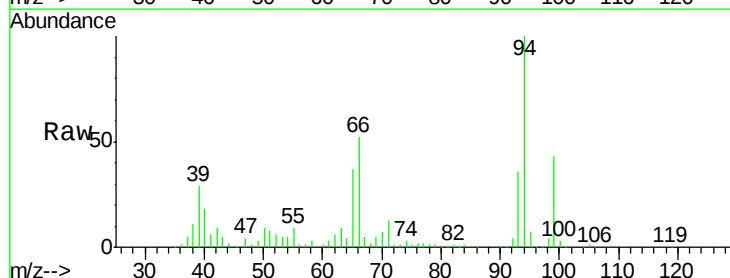
RT: 5.21 min Scan# 308

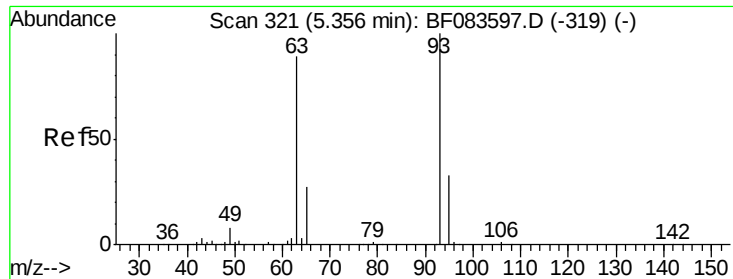
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	94	Resp:	572117
Ion Ratio	Lower	Upper	
94	100		
65	37.3	20.9	60.9
66	51.9	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 40.87 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

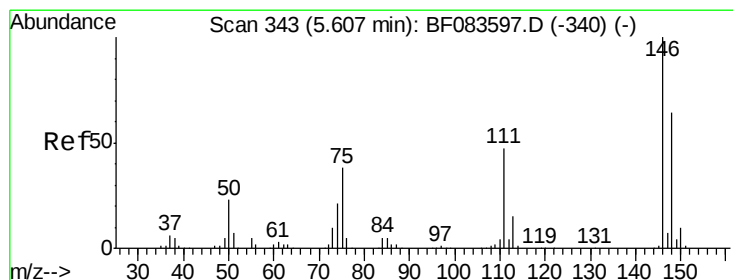
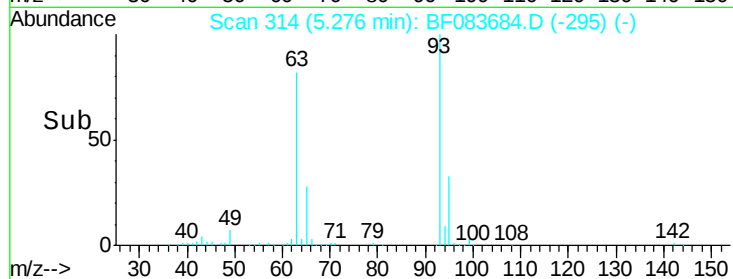
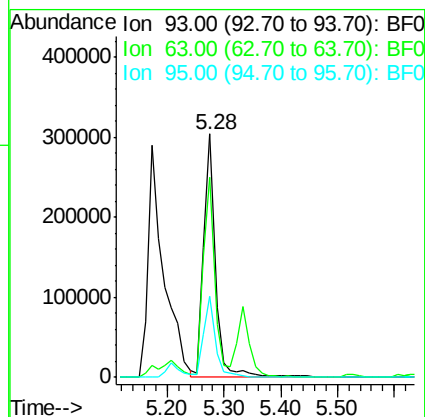
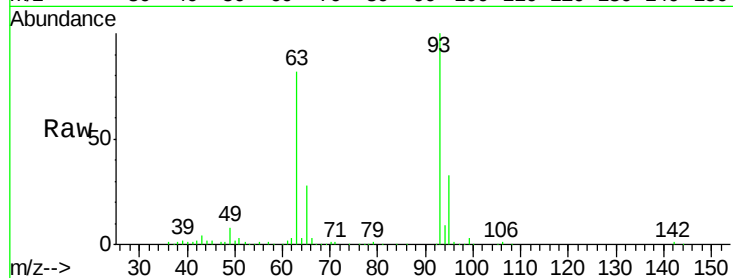
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	422446
Ion Ratio	Lower	Upper	
93	100		
63	82.1	64.7	104.7
95	33.3	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.73 ng

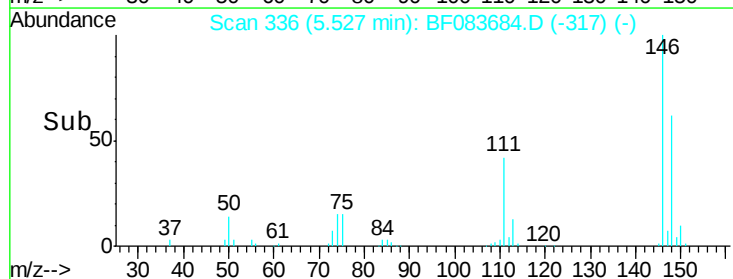
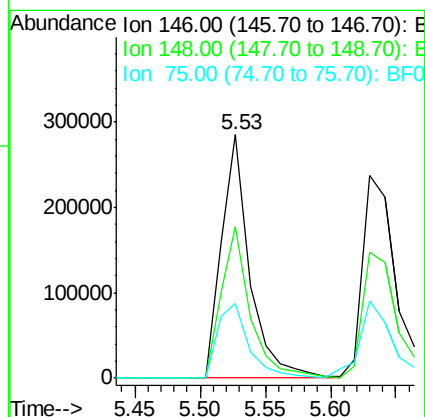
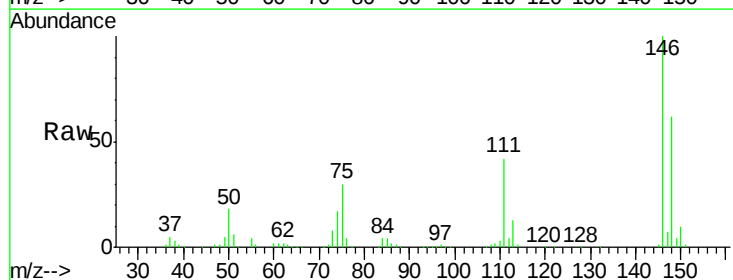
RT: 5.53 min Scan# 336

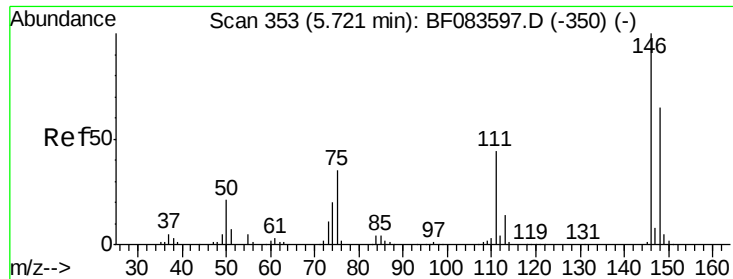
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	146	Resp:	430949
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.3	76.9
75	30.5	24.1	36.1





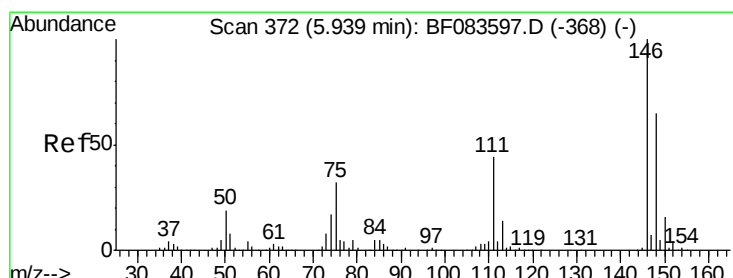
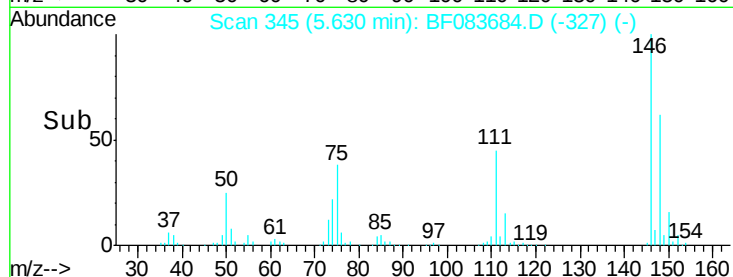
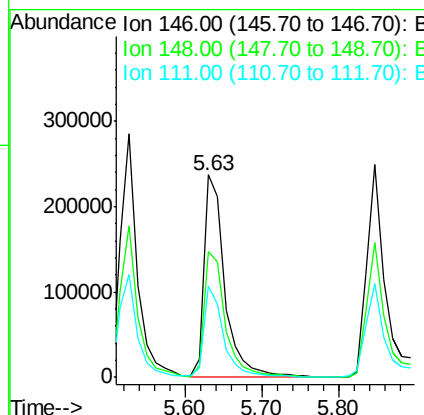
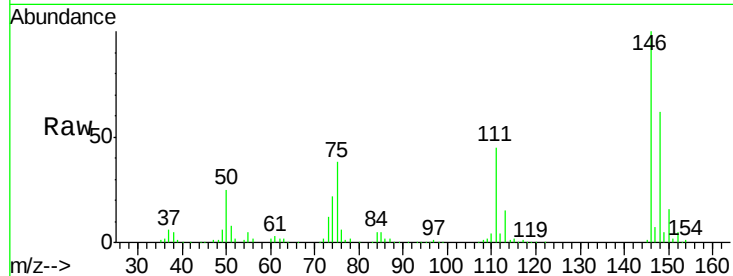
#13
 1,4-Dichlorobenzene
 Concen: 39.98 ng
 RT: 5.63 min Scan# 345
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	45.1	36.1	54.1

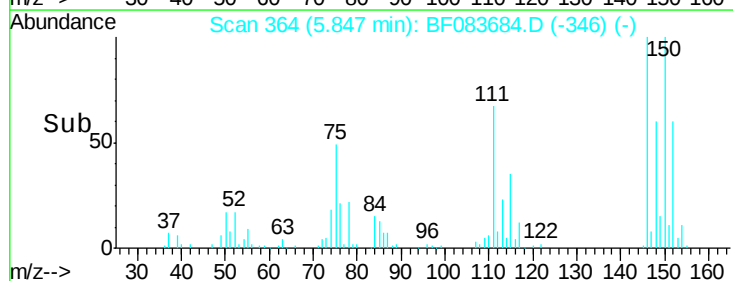
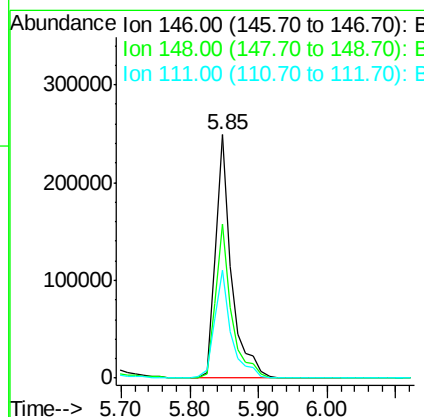
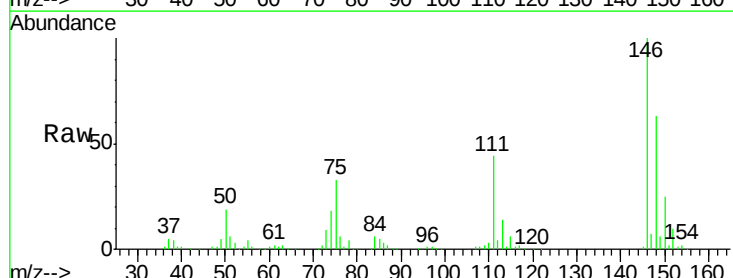
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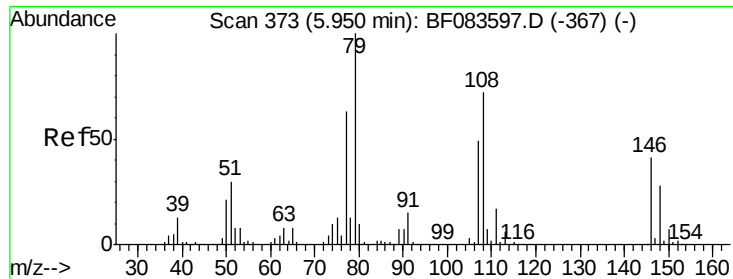
MMdadoda
 12/11/2015 6:01:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.49 ng
 RT: 5.85 min Scan# 364
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	44.3	36.7	55.1





#15

Benzyl Alcohol

Concen: 39.48 ng

RT: 5.87 min Scan# 366

Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

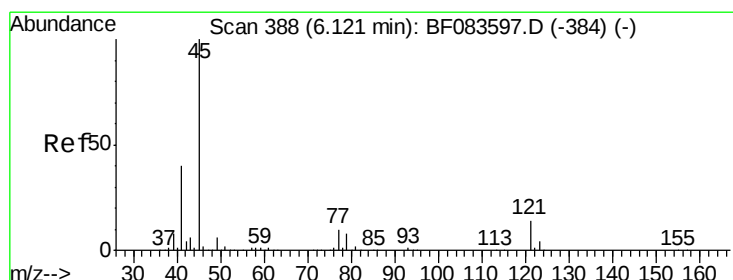
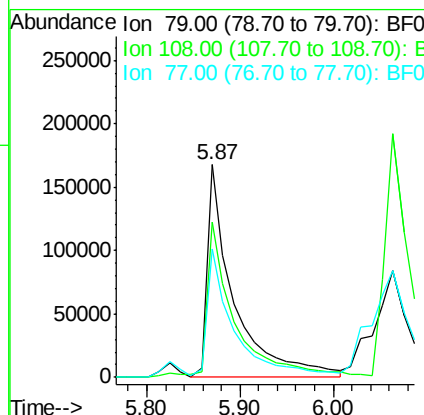
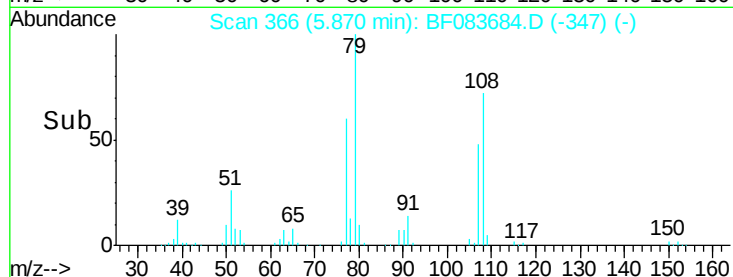
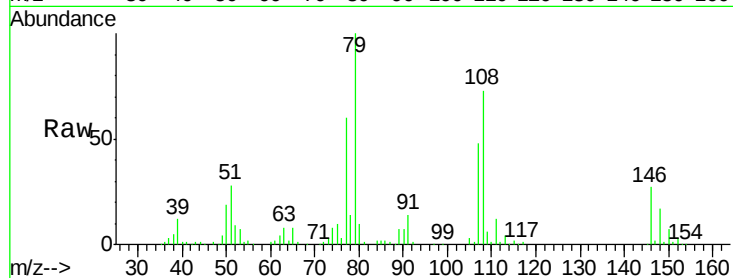
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	325820
Ion Ratio	Lower	Upper	
79	100		
108	72.8	59.6	89.4
77	60.5	49.8	74.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.05 ng

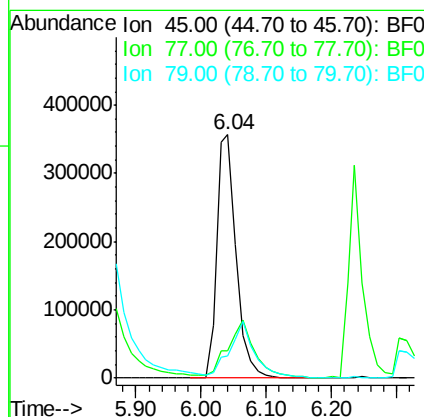
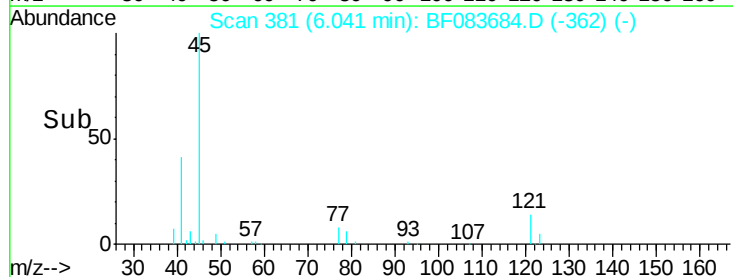
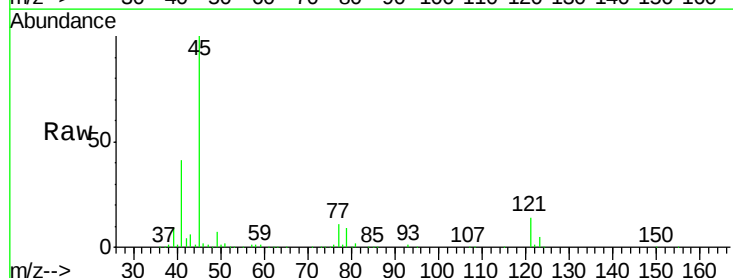
RT: 6.04 min Scan# 381

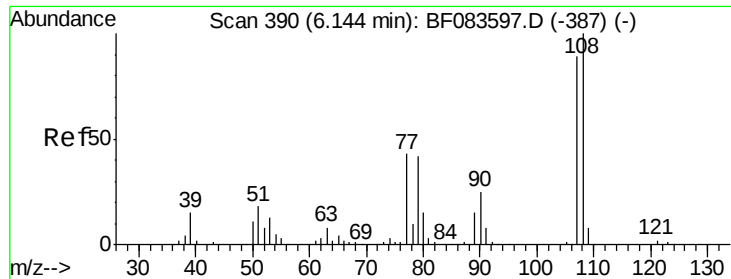
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	45	Resp:	746365
Ion Ratio	Lower	Upper	
45	100		
77	11.5	12.8	52.8#
79	9.2	10.7	50.7#





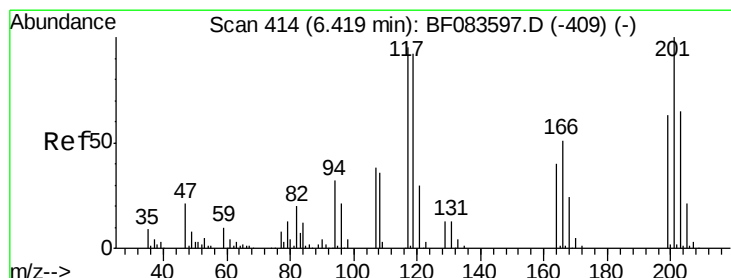
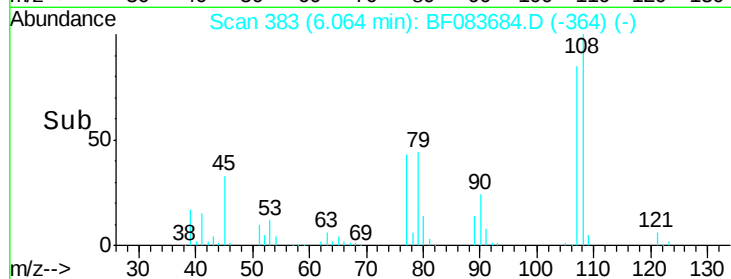
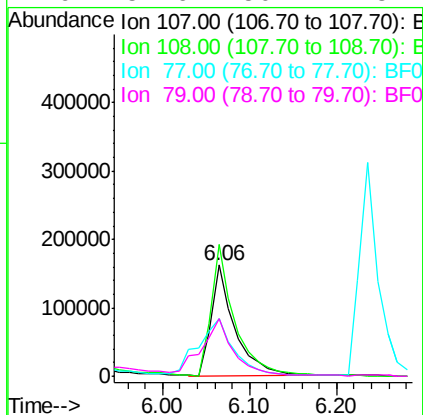
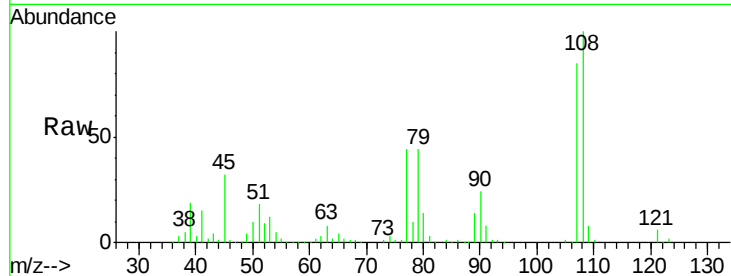
#17
2-Methylphenol
Concen: 39.93 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	118.1	91.6	137.4	
77	77	51.8	53.7	80.5	
79	79	51.6	50.2	75.4	

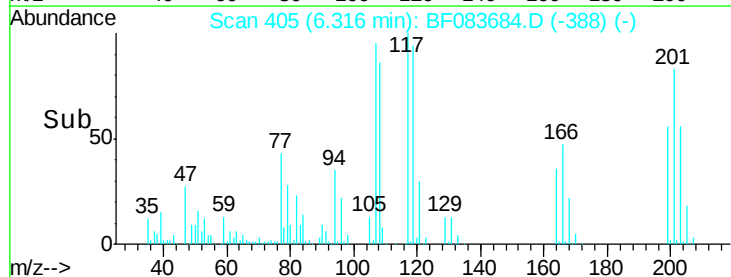
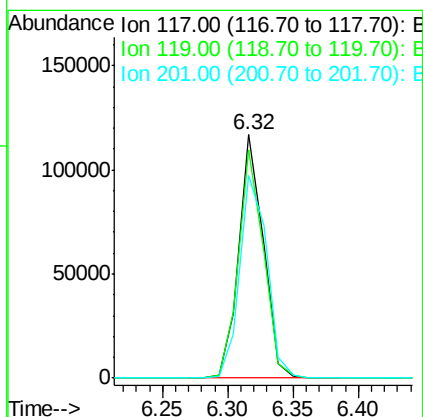
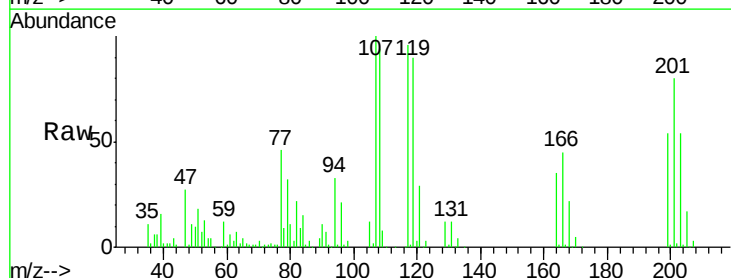
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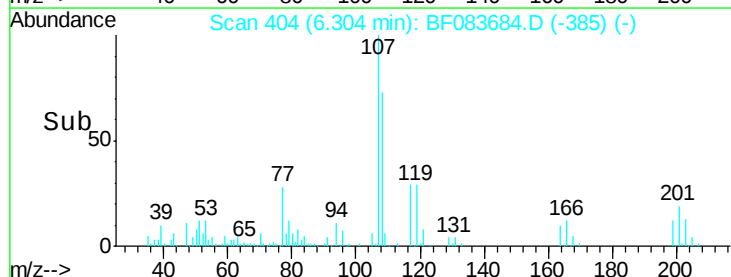
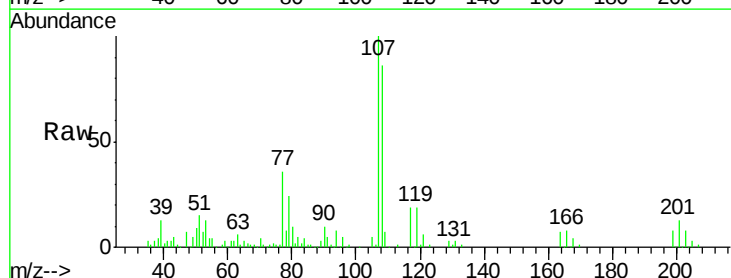
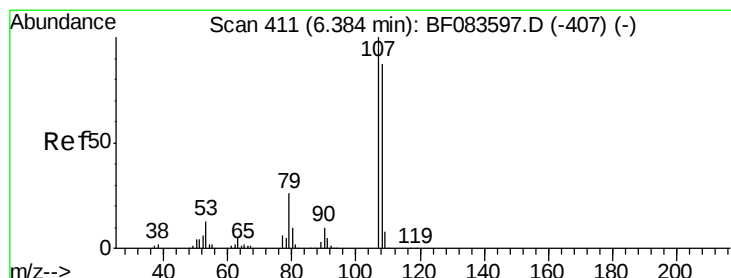
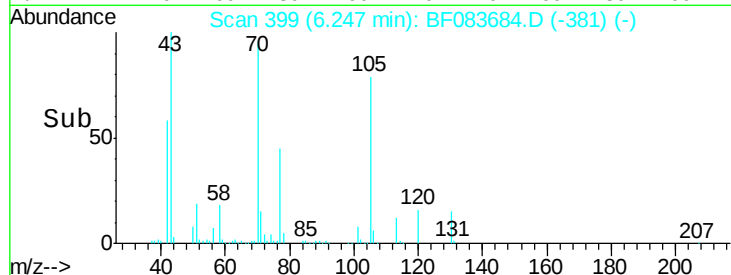
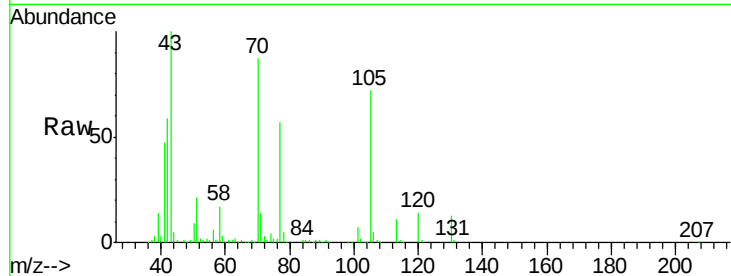
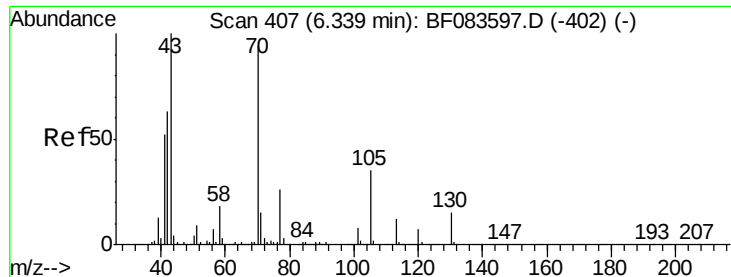
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#18
Hexachloroethane
Concen: 39.78 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.9	77.2	115.8	
201	201	83.1	86.8	130.2	

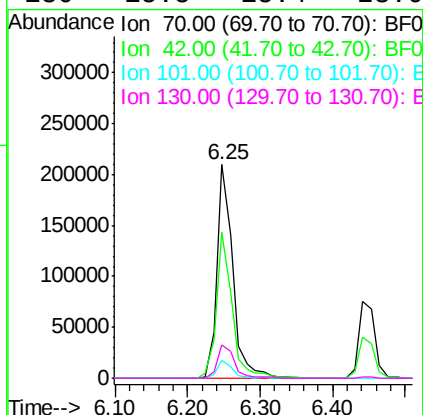




#19
n-Nitroso-di-n-propylamine
Concen: 39.41 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	49.2	73.8	
101	8.3	7.1	10.7	
130	15.5	15.4	23.0	

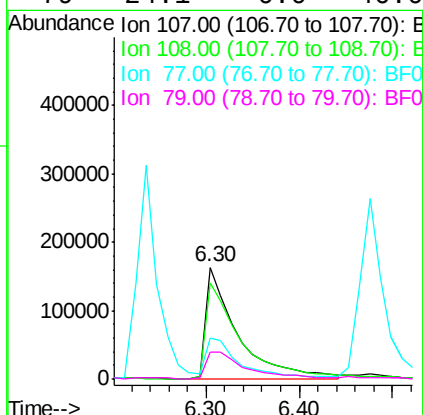


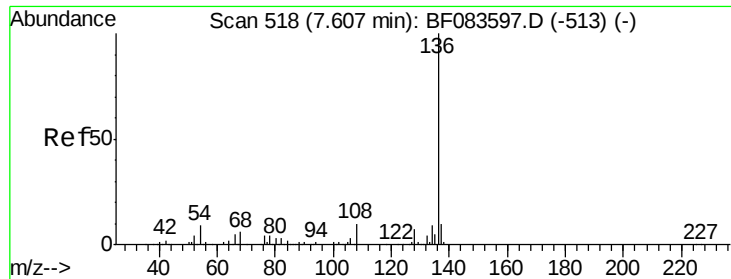
Manual Integrations
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#20
3+4-Methylphenols
Concen: 37.69 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	65.2	105.2	
77	36.5	15.2	55.2	
79	24.1	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

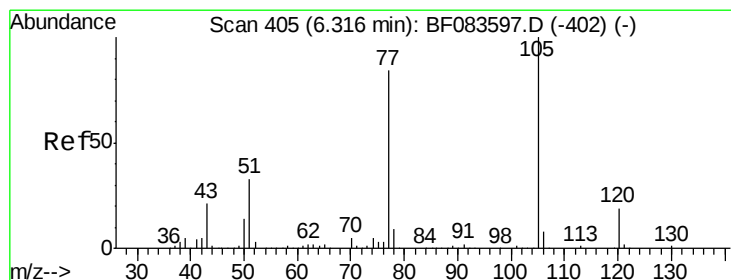
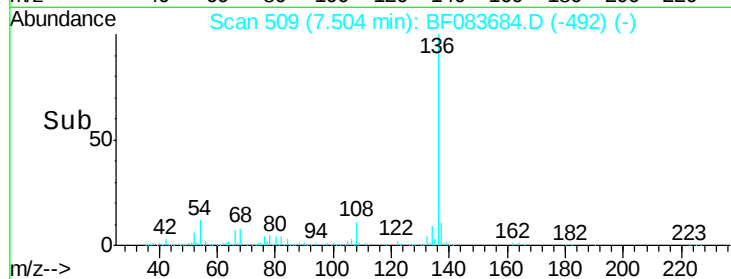
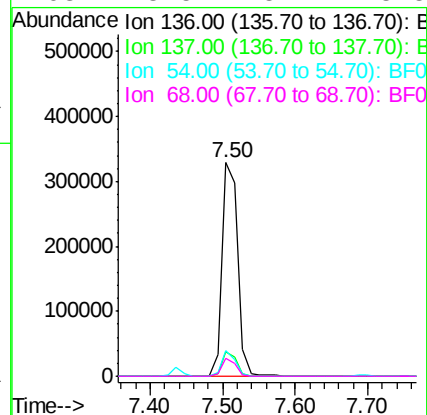
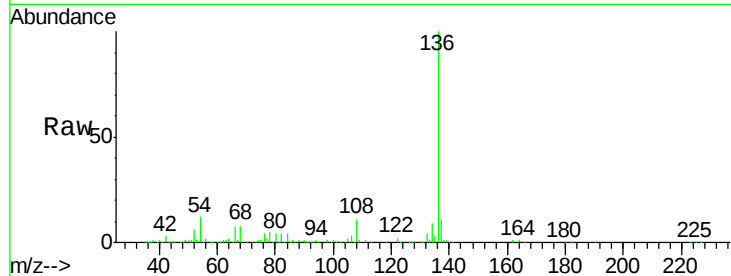
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		489462		
137	11.5		8.7	13.1	
54	12.0		7.8	11.6	
68	8.5		5.7	8.5	

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#22

Acetophenone

Concen: 40.73 ng

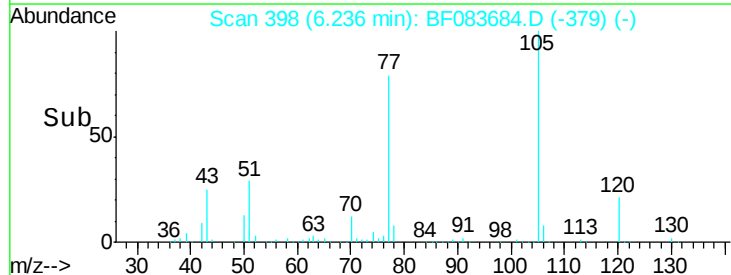
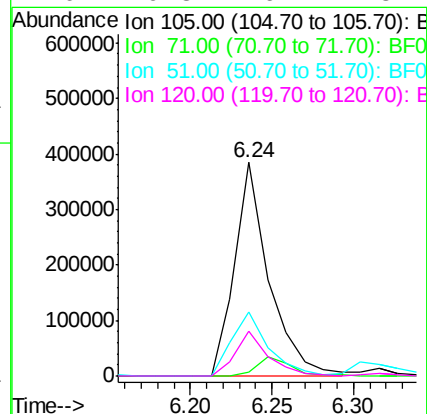
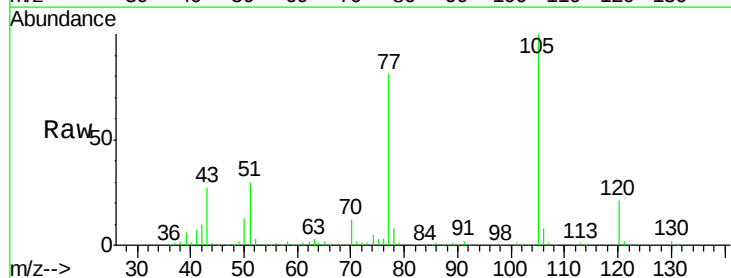
RT: 6.24 min Scan# 398

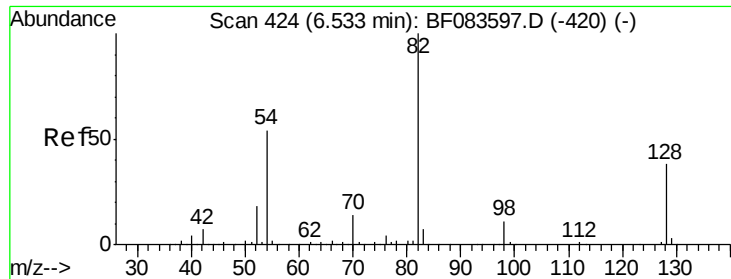
Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		559240		
71	1.9		1.3	1.9	
51	30.3		23.8	35.8	
120	20.8		16.7	25.1	





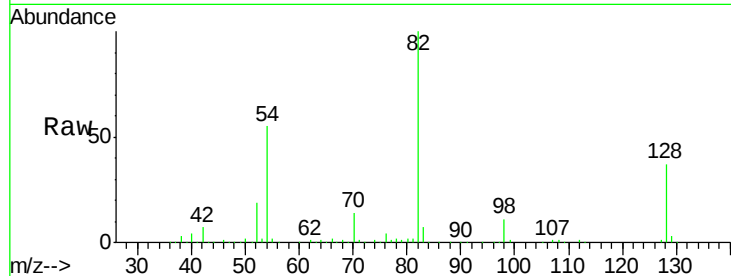
#23
Nitrobenzene-d5
Concen: 83.09 ng
RT: 6.44 min Scan# 416
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

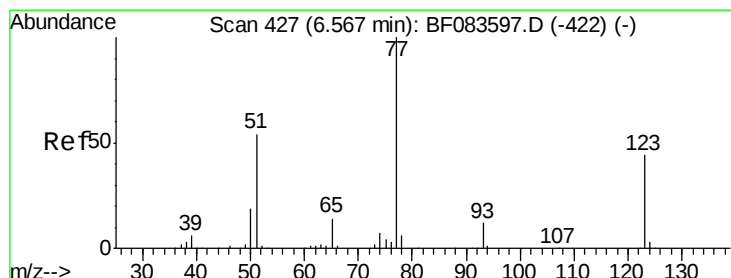
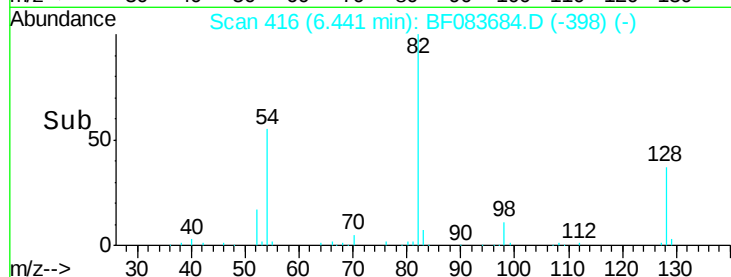
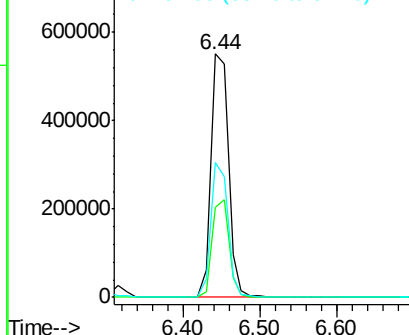
Tot Ion	Ratio	Resp	Lower	Upper
82	100	871553		
128	36.8		30.7	46.1
54	55.5		42.5	63.7

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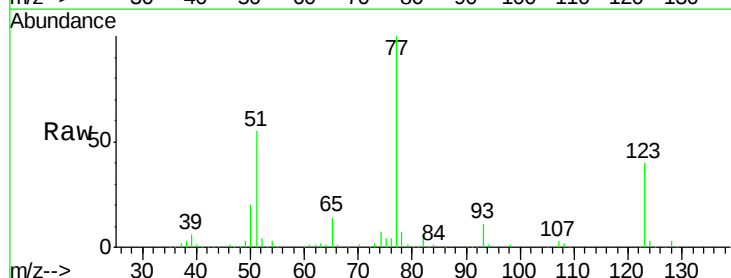


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

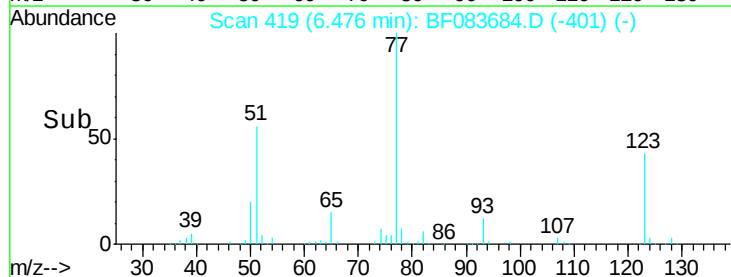
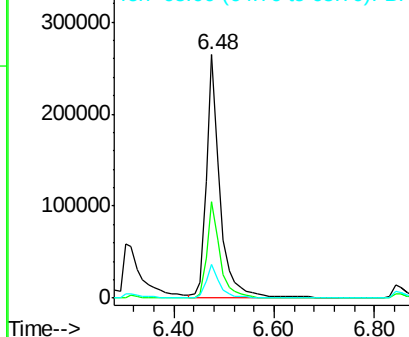


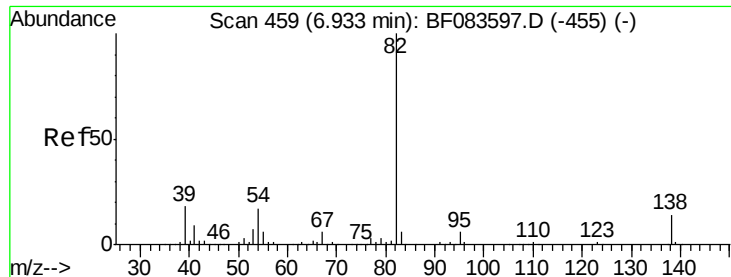
#24
Nitrobenzene
Concen: 41.36 ng
RT: 6.48 min Scan# 419
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	479487		
123	39.7		29.8	44.6
65	13.6		11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.86 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

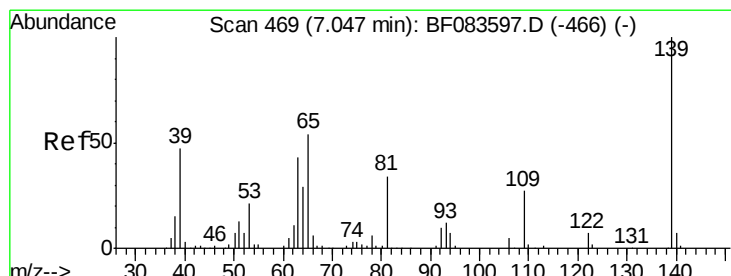
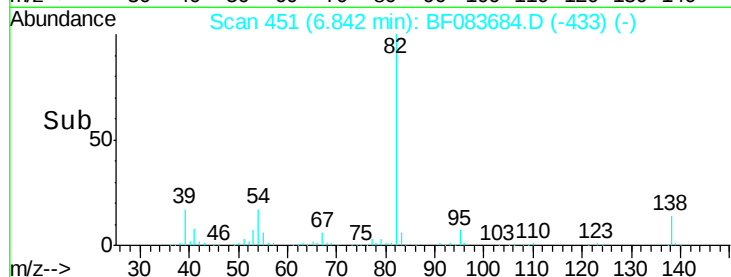
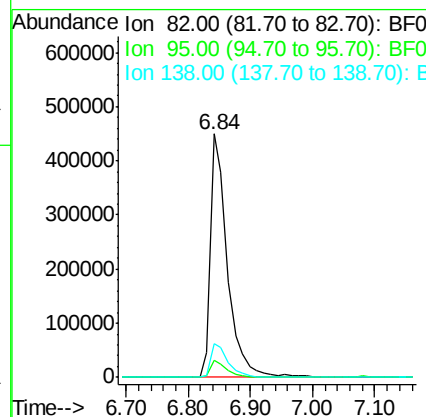
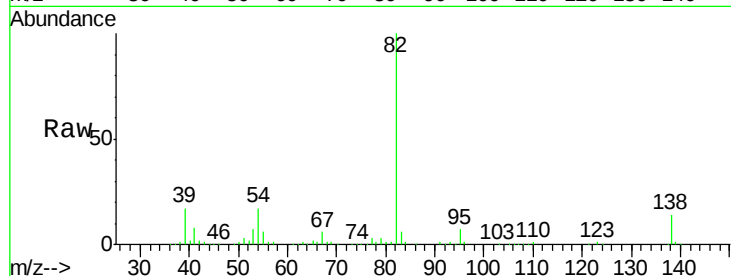
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	852086
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.0	7.4
138	13.6	12.1	18.1

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 43.18 ng

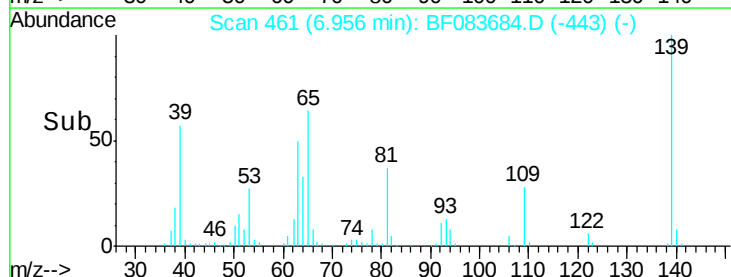
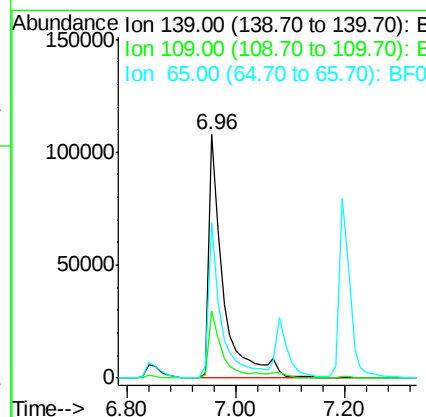
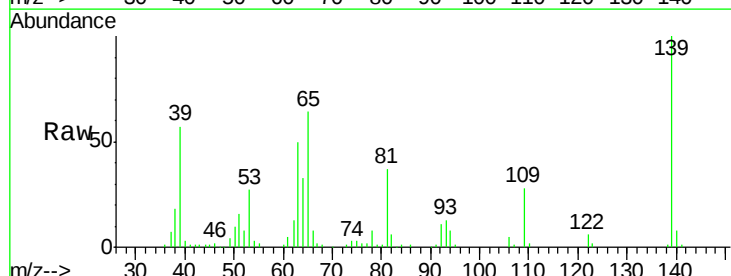
RT: 6.96 min Scan# 461

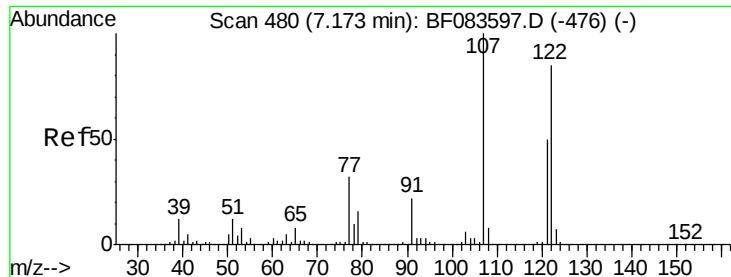
Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	139	Resp:	198796
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	64.0	51.8	77.8





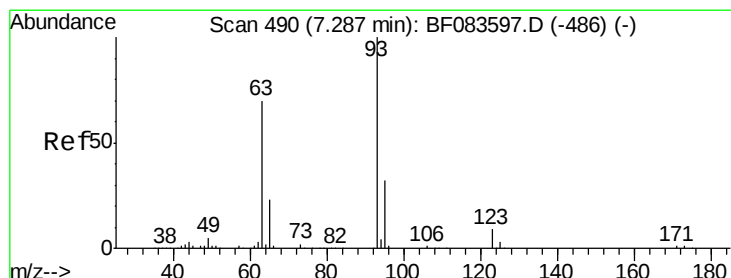
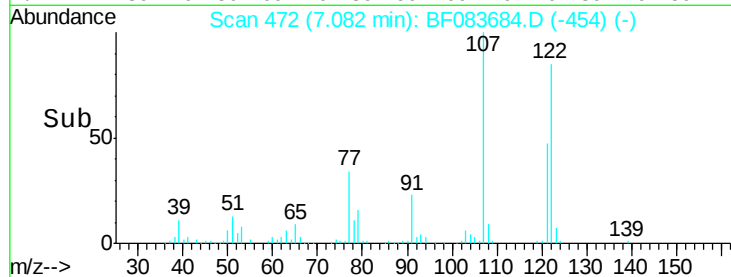
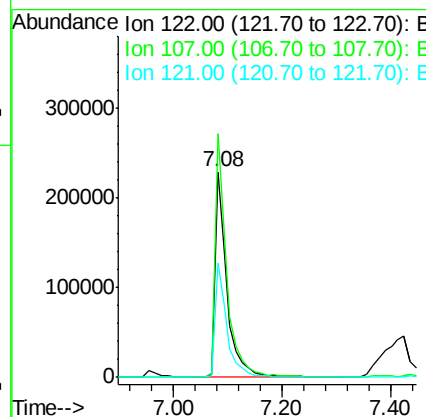
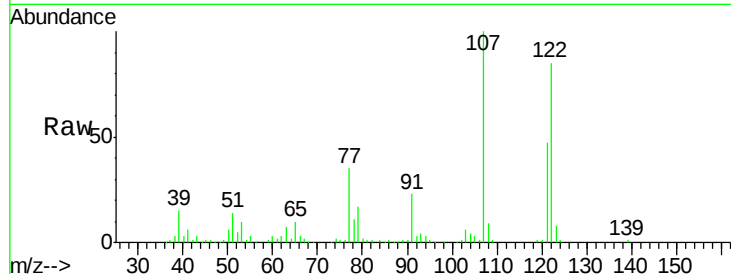
#27
 2,4-Dimethylphenol
 Concen: 43.12 ng
 RT: 7.08 min Scan# 472
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	347273
Ion Ratio	Lower	Upper	
122	100		
107	118.3	92.4	138.6
121	55.5	45.8	68.6

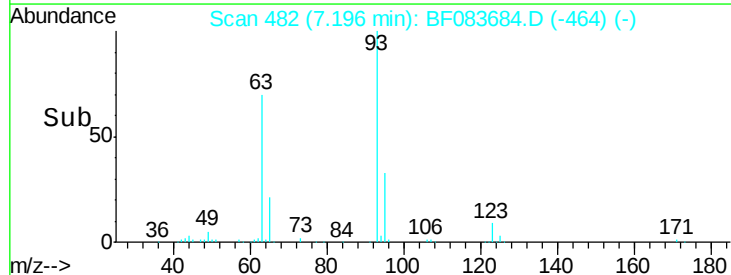
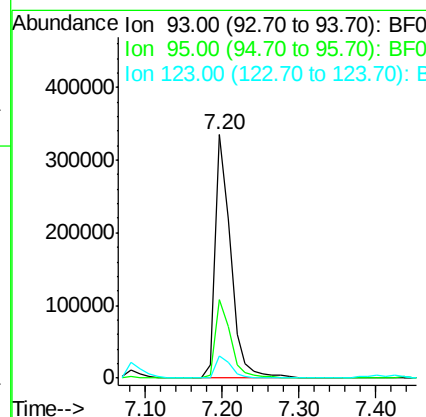
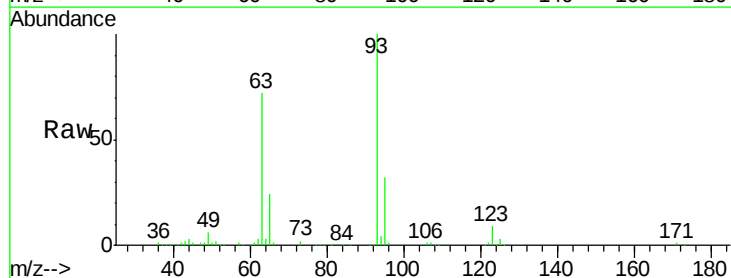
Manual Integrations
 APPROVED

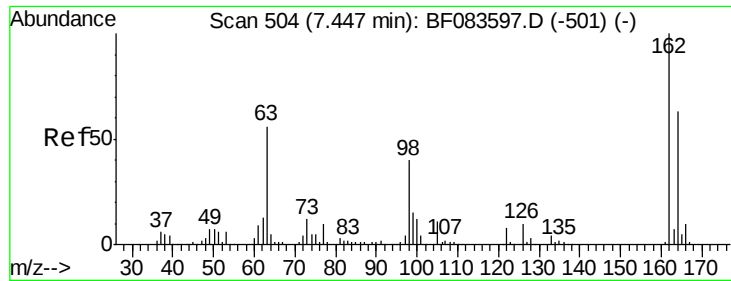
MMdadoda
 12/11/2015 6:01:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion:	93	Resp:	469539
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.6	38.4
123	8.8	7.3	10.9





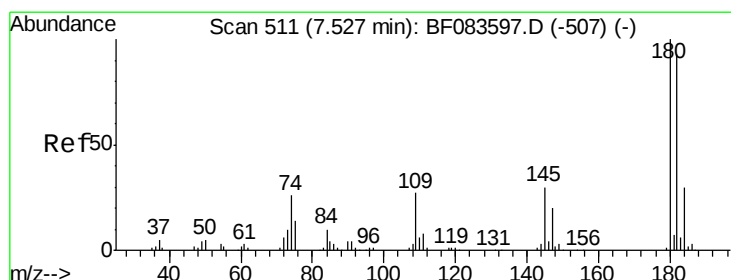
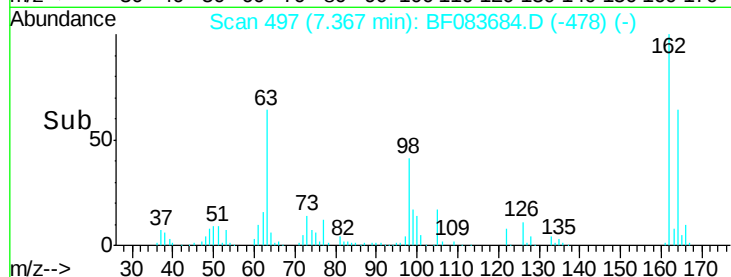
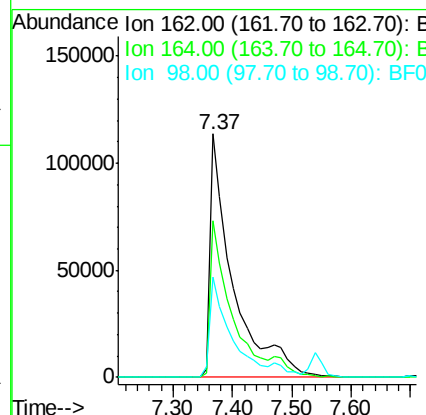
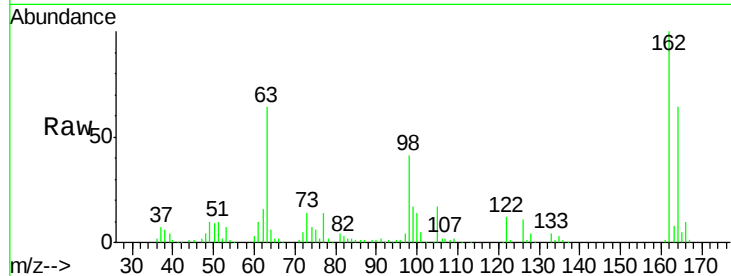
#29
2,4-Dichlorophenol
Concen: 41.77 ng
RT: 7.37 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		305894		
164	64.2	43.4	83.4		
98	40.9	17.5	57.5		

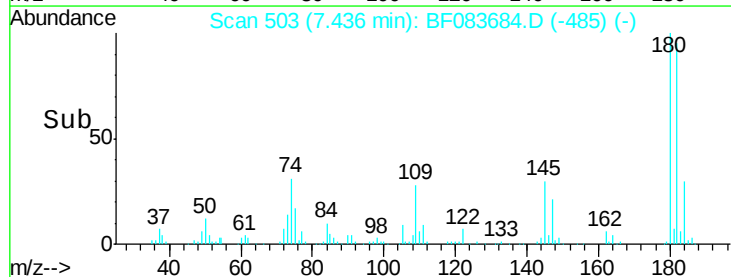
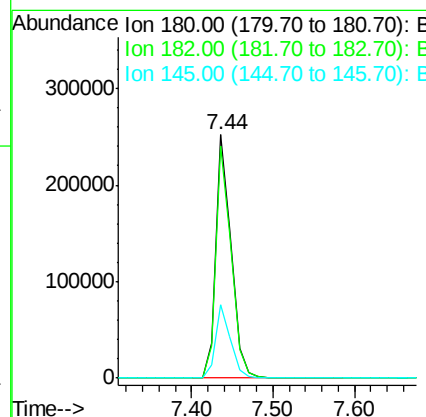
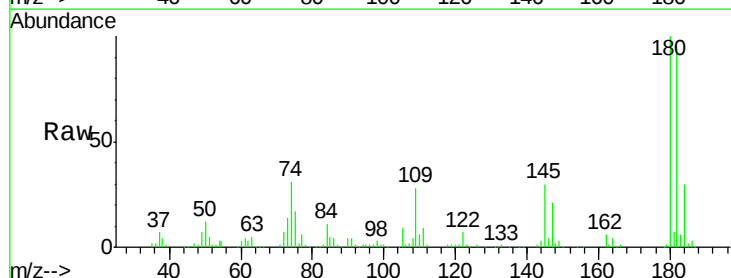
Manual Integrations
APPROVED

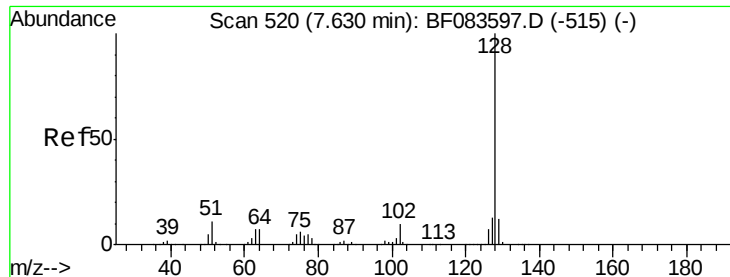
MMdadoda
12/11/2015 6:01:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.17 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		333030		
182	95.4	74.9	112.3		
145	29.9	24.7	37.1		





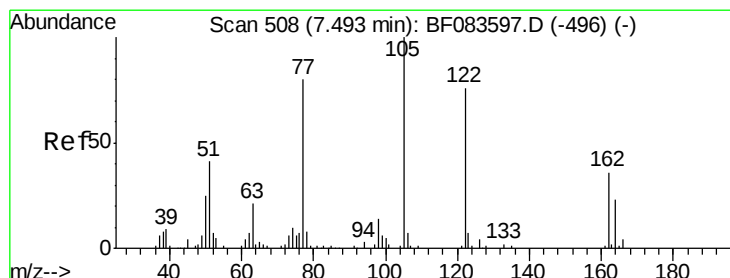
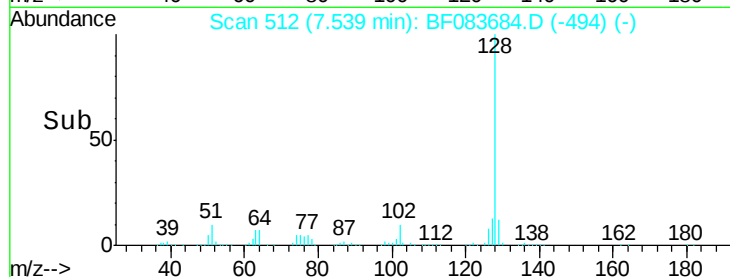
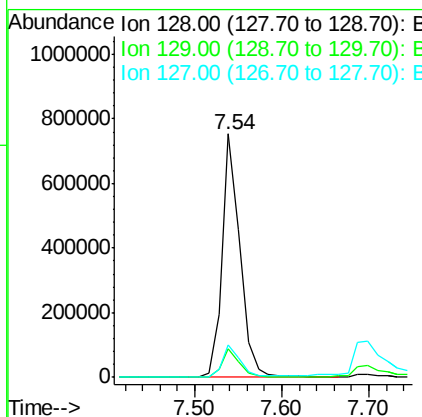
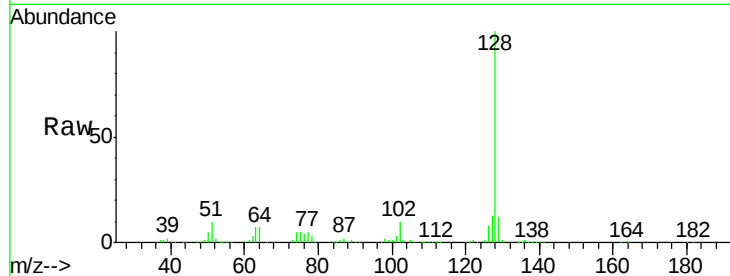
#31
Naphthalene
Concen: 41.82 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1084238
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.4 10.6 16.0

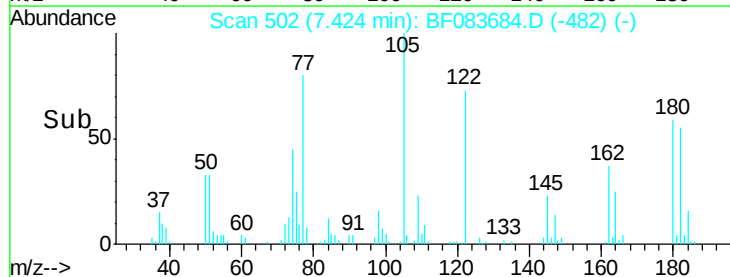
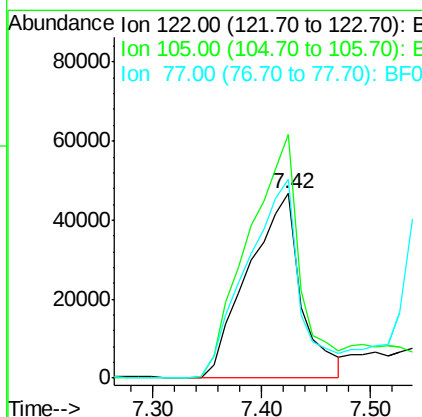
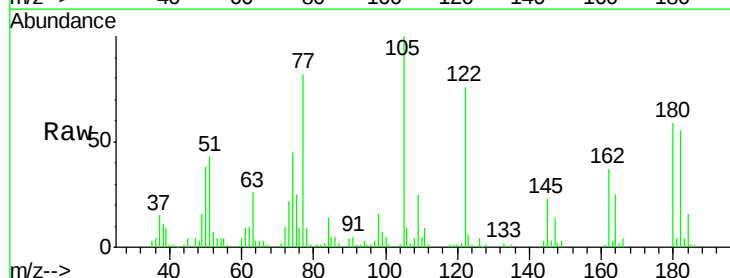
Manual Integrations
APPROVED

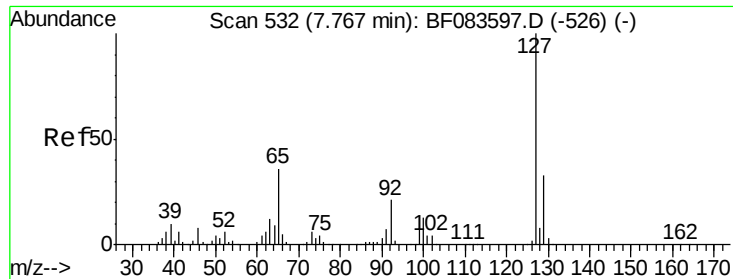
MMdadoda
12/11/2015 6:01:32 PM



#32
Benzoic acid
Concen: 31.75 ng
RT: 7.42 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion:122 Resp: 158211
Ion Ratio Lower Upper
122 100
105 132.1 105.6 145.6
77 107.7 86.8 126.8





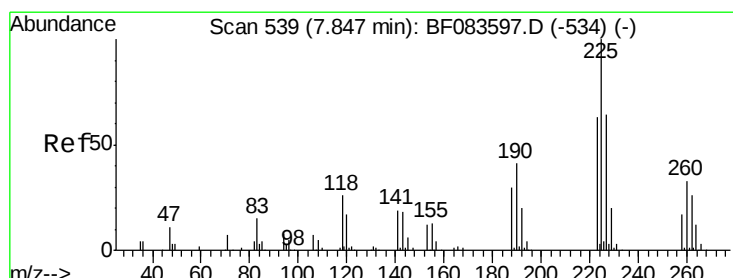
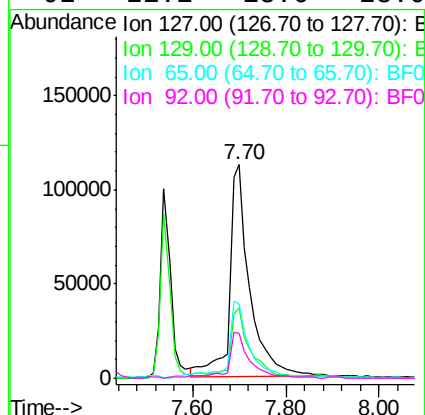
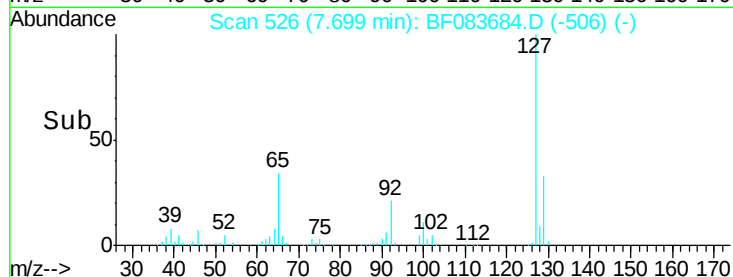
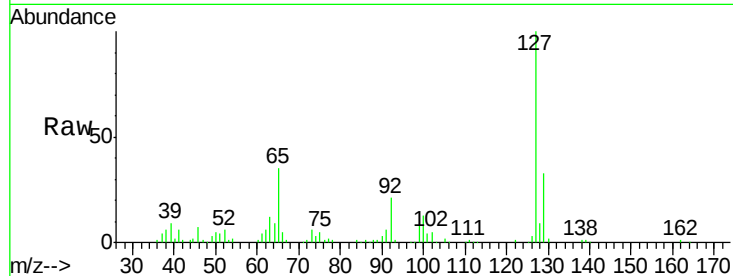
#33
4-Chloroaniline
Concen: 35.95 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.1	39.1	
65	34.5	33.5	50.3	
92	21.1	18.6	28.0	

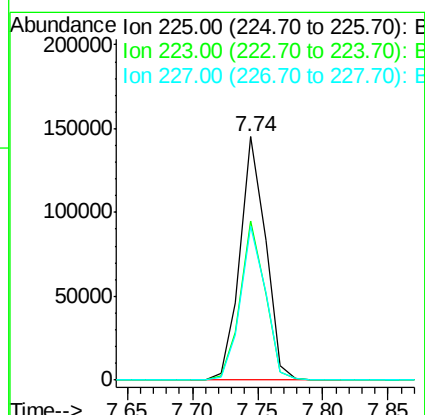
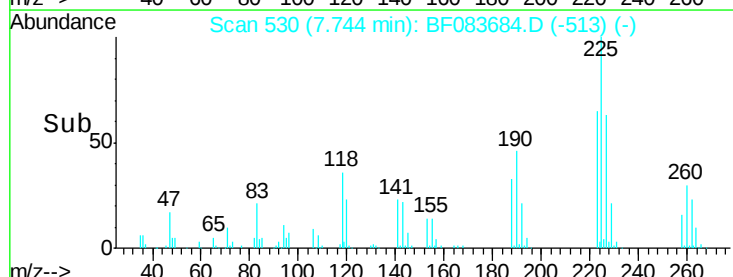
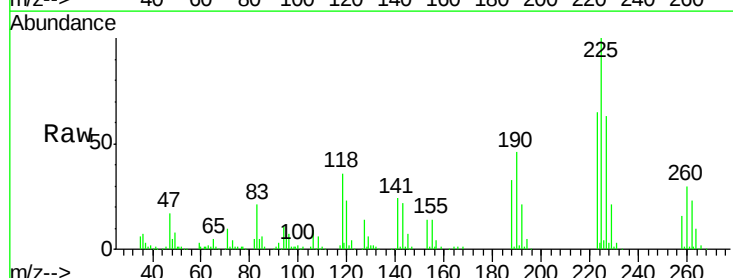
Manual Integrations
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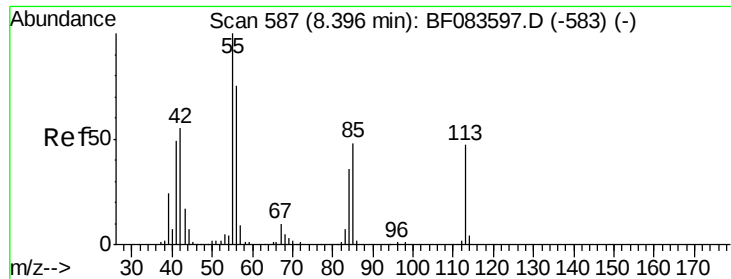
MMdadoda
12/11/2015 6:01:32 PM



#34
Hexachlorobutadiene
Concen: 42.01 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	52.3	78.5	
227	63.3	50.4	75.6	





#35

Caprolactam

Concen: 44.35 ng/ml

RT: 8.30 min Scan# 579

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 97480

Ion Ratio Lower Upper

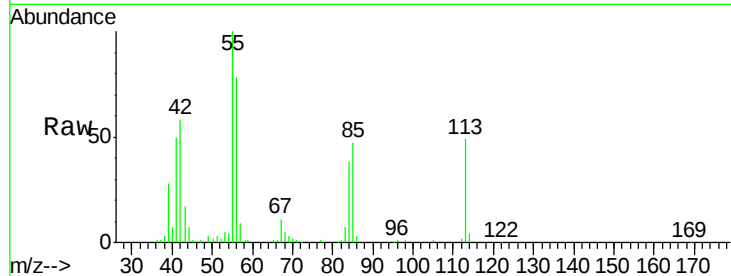
113 100

55 205.6 189.7 229.7

56 160.5 130.7 170.7

Manual Integrations
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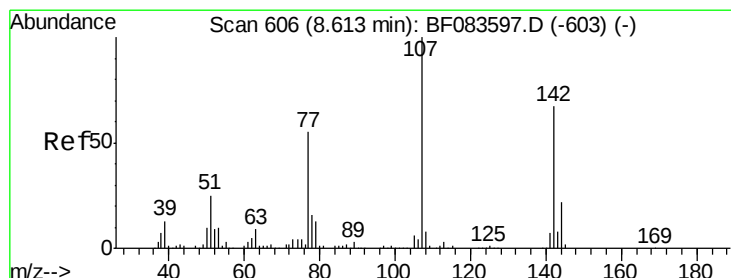
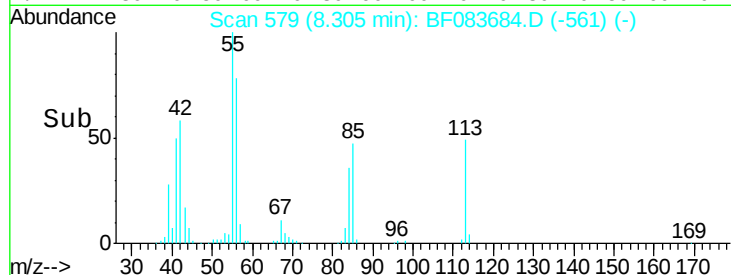
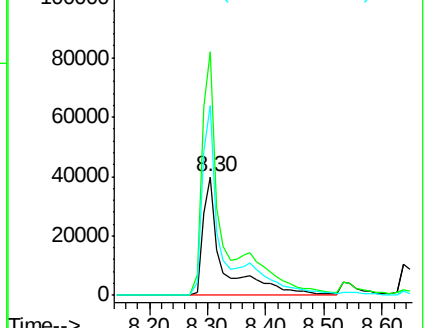
MMdadoda
12/11/2015 6:01:32 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.41 ng/ml

RT: 8.53 min Scan# 599

Delta R.T. -0.08 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

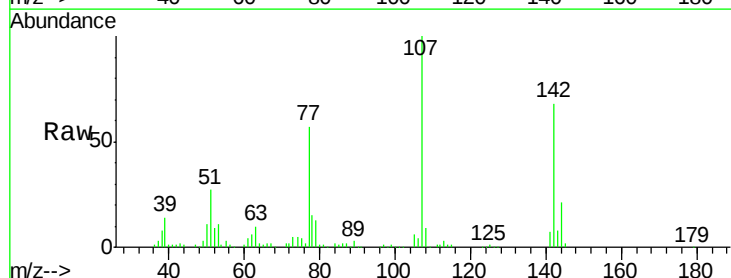
Tgt Ion:107 Resp: 357192

Ion Ratio Lower Upper

107 100

144 21.2 17.5 26.3

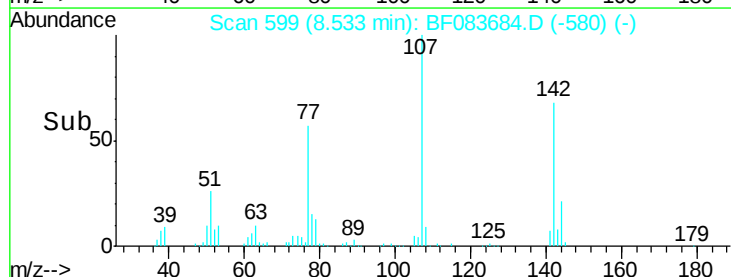
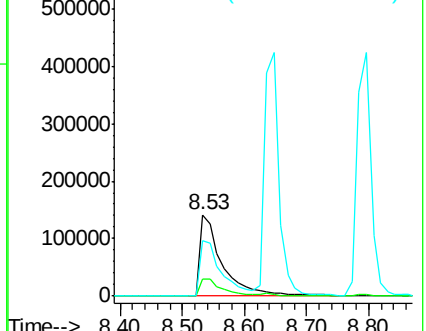
142 68.5 53.6 80.4

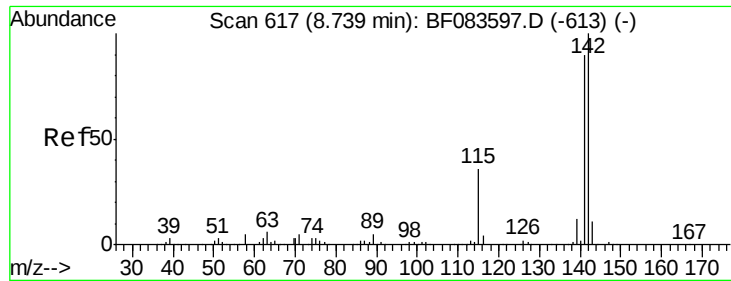


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





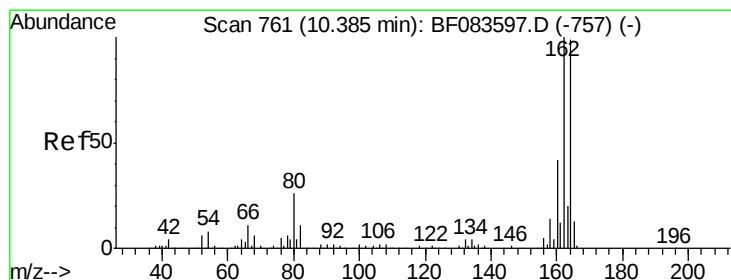
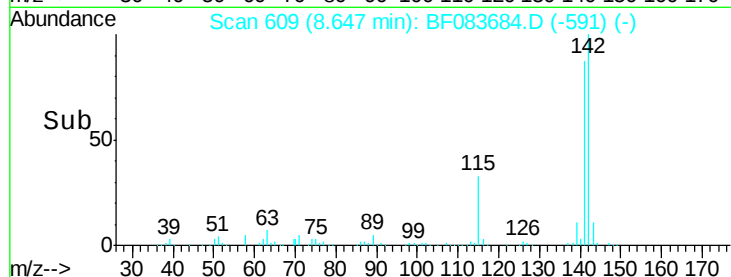
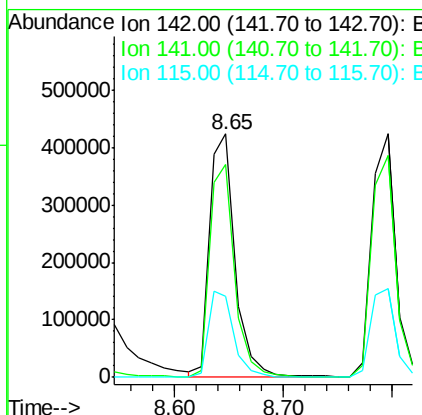
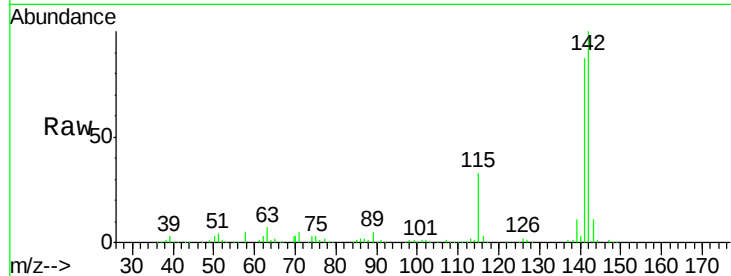
#37
2-Methylnaphthalene
Concen: 42.67 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5
115	33.4	29.2	43.8

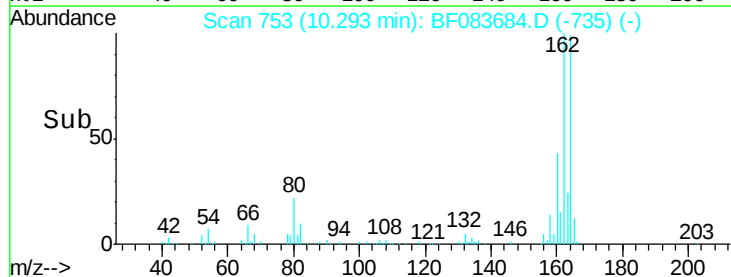
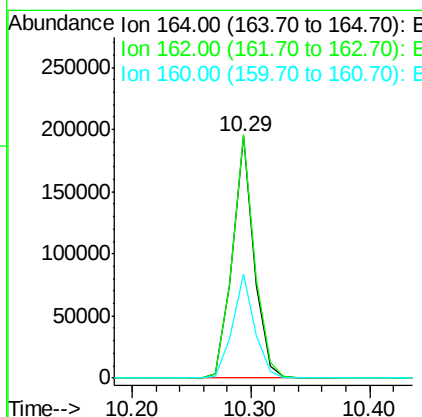
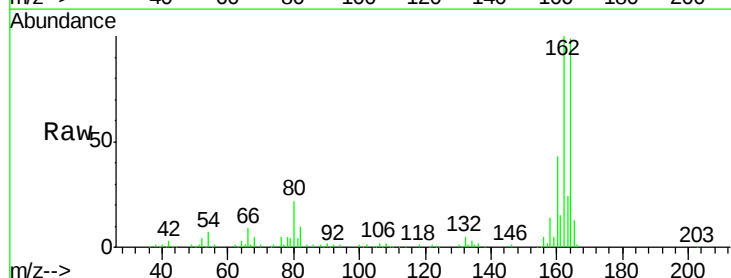
Manual Integrations
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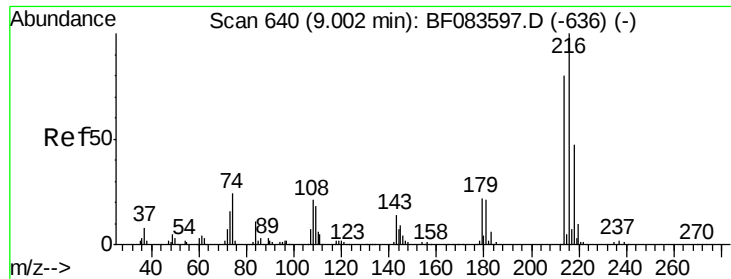
MMdadoda
12/11/2015 6:01:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	43.1	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.29 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 334078
Ion Ratio Lower Upper

216 100

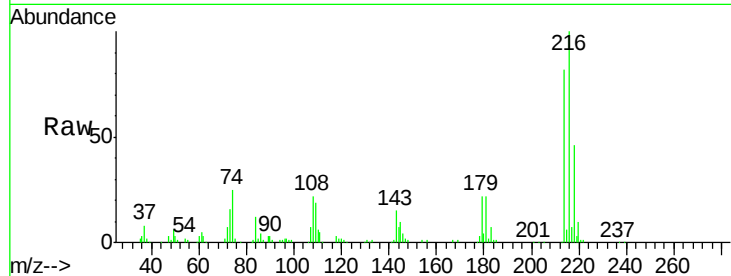
214 79.3 0.0 0.0#

179 20.6 0.0 0.0#

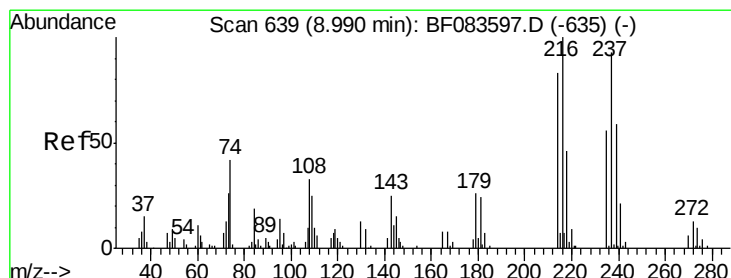
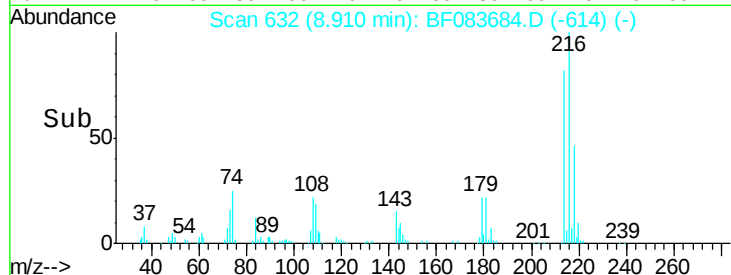
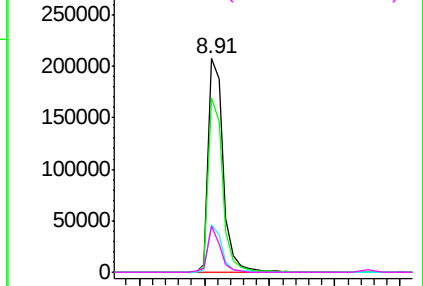
108 18.2 0.0 0.0#

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:01:32 PM



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



#40

Hexachlorocyclopentadiene

Concen: 25.19 ng

RT: 8.89 min Scan# 630

Delta R.T. -0.10 min

Lab File: BF083684.D

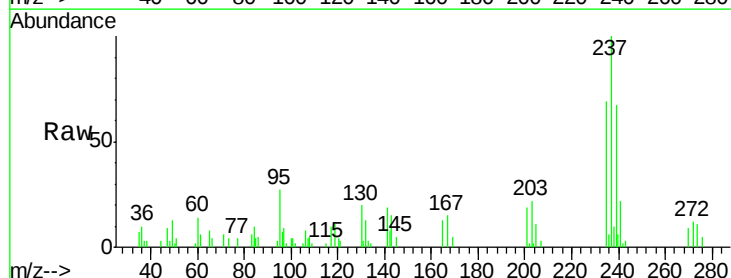
Acq: 10 Dec 2015 19:01

Tgt Ion:237 Resp: 16884
Ion Ratio Lower Upper

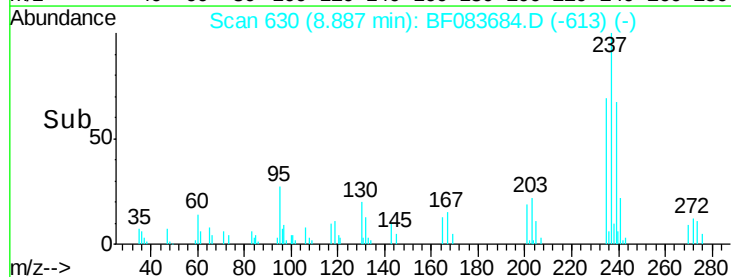
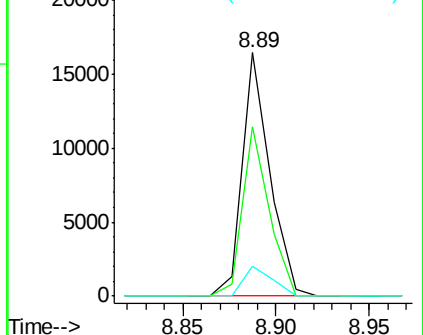
237 100

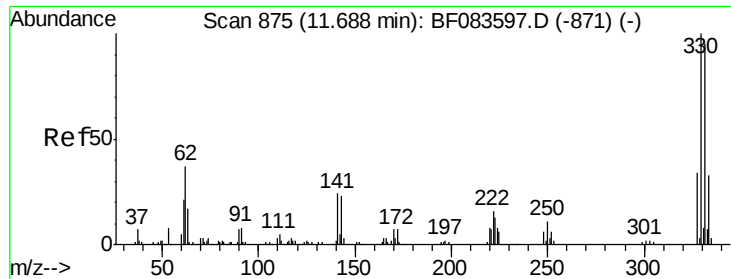
235 69.5 43.9 83.9

272 12.2 0.0 31.8



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





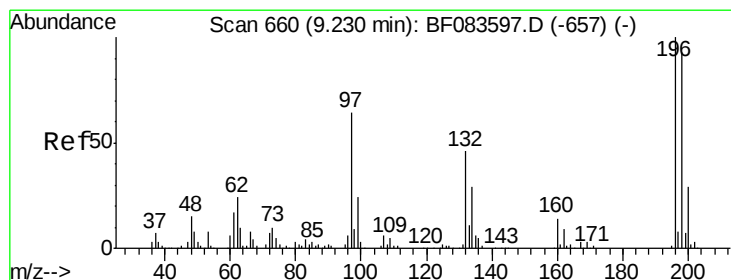
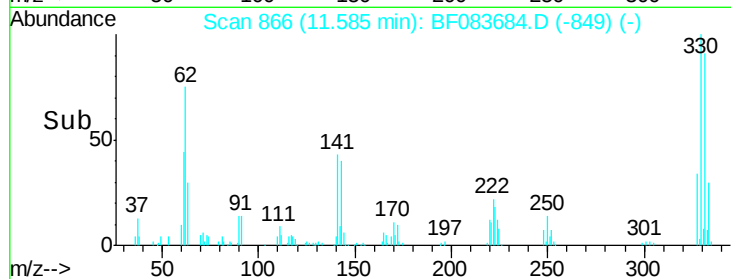
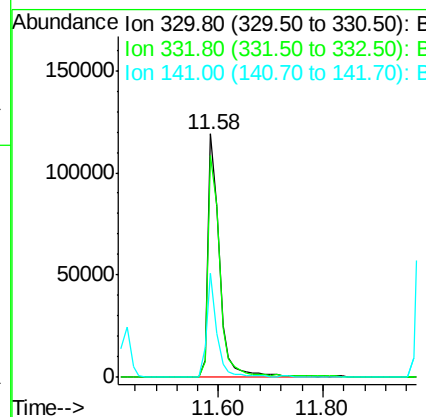
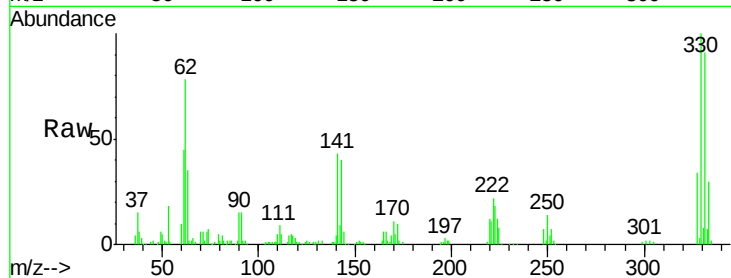
#41
 2,4,6-Tribromophenol
 Concen: 85.01 ng
 RT: 11.58 min Scan# 866
 Delta R.T. -0.10 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	186662		
332	93.9	0.0	0.0	0.0
141	37.8	0.0	0.0	0.0

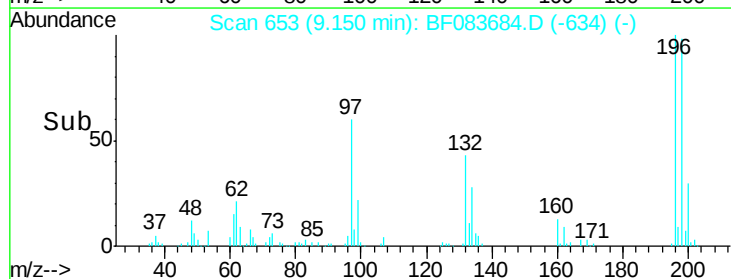
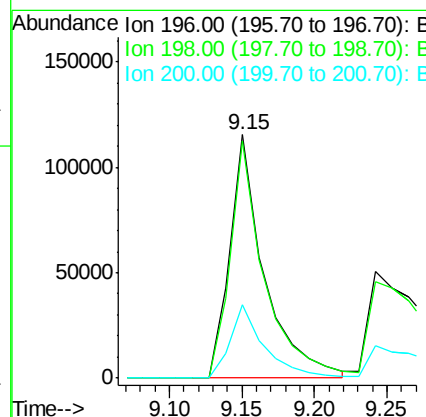
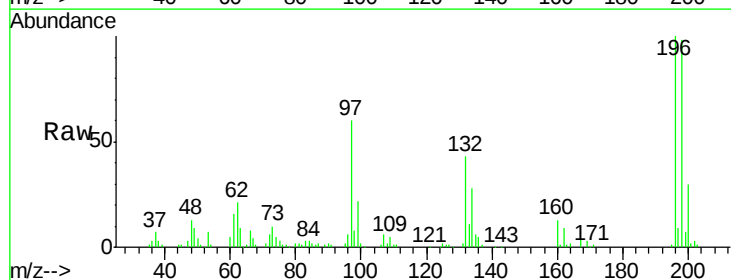
Manual Integrations
 APPROVED

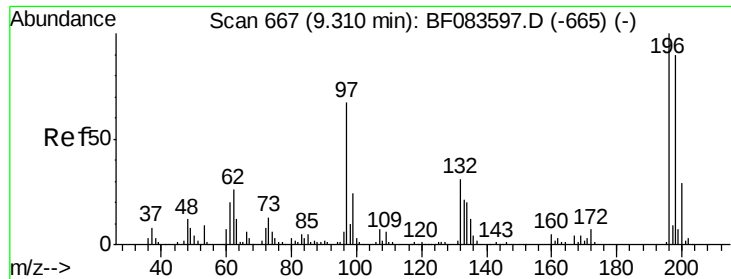
MMdadoda
 12/11/2015 6:01:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.69 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191095		
198	97.7	75.2	112.8	
200	29.9	23.0	34.6	





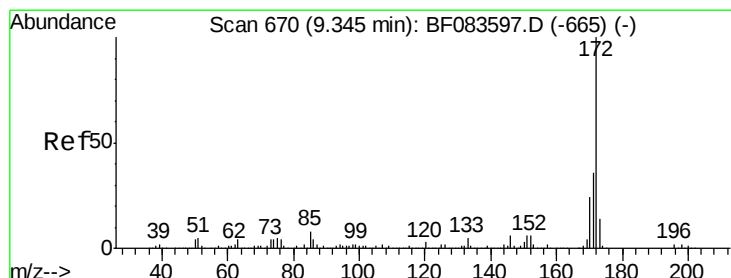
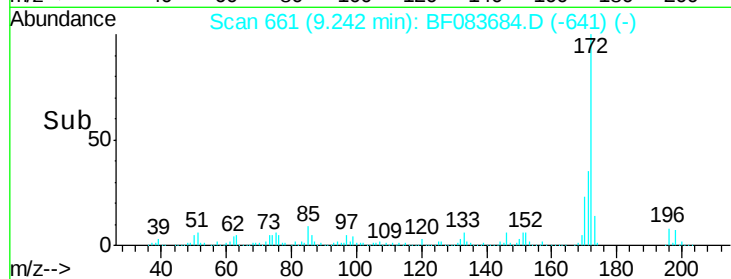
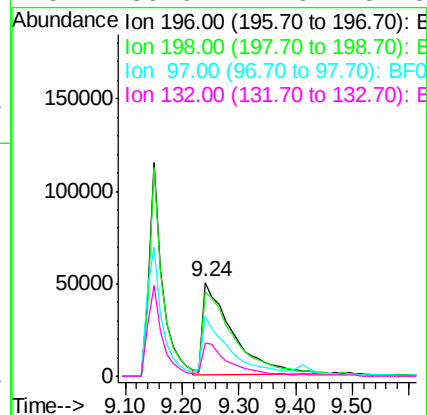
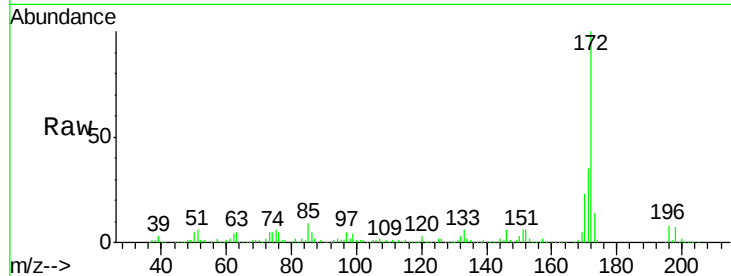
#43
 2,4,5-Trichlorophenol
 Concen: 38.16 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181864		
198	90.2	77.7	116.5	
97	63.9	41.2	61.8#	
132	35.6	21.8	32.8#	

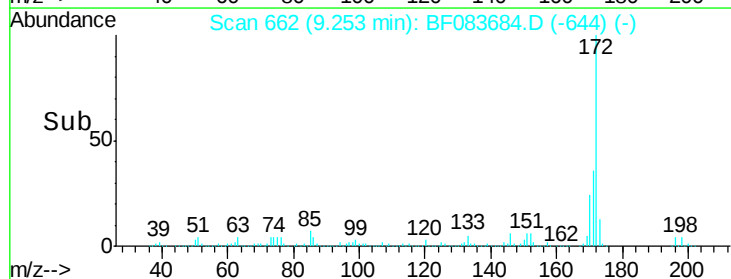
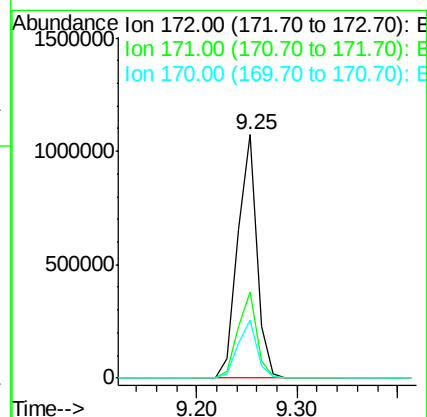
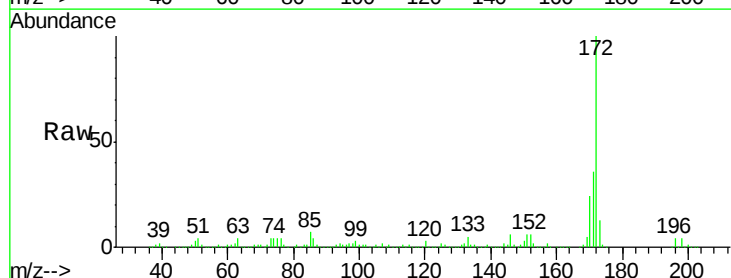
Manual Integrations
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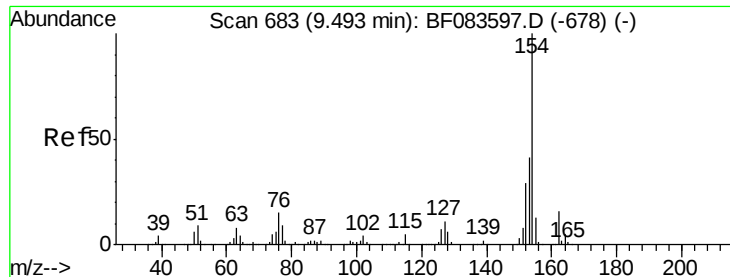
MMdadoda
 12/11/2015 6:01:32 PM



#44
 2-Fluorobiphenyl
 Concen: 81.26 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1422941		
171	35.6	28.6	42.8	
170	24.0	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 41.81 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

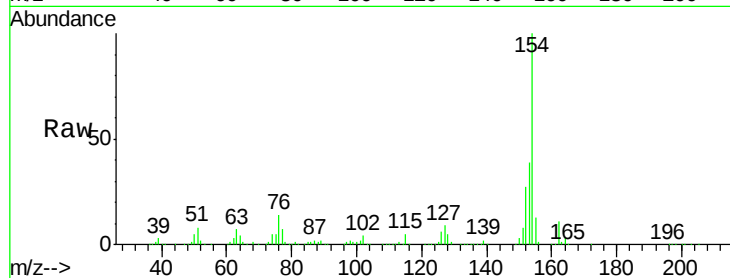
ClientSampleId :

SSTDCCC040

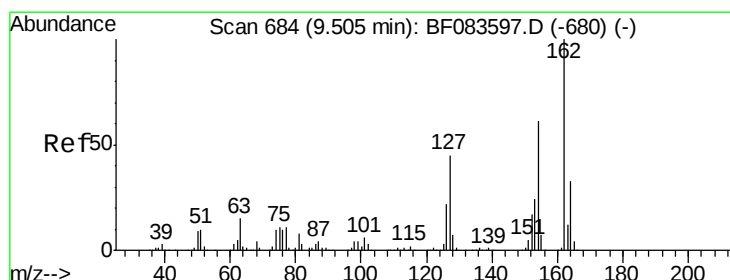
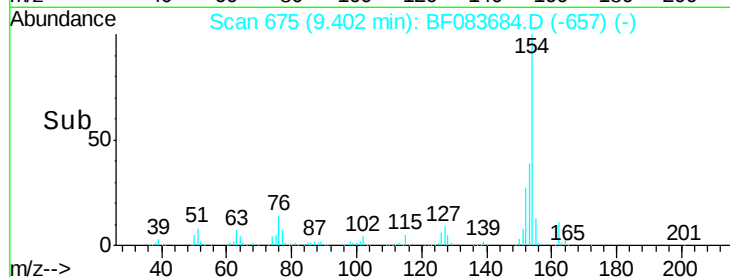
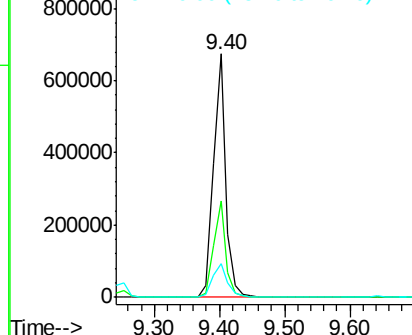
Tot Ion:	154	Resp:	895648
Ion Ratio	Lower	Upper	
154	100		
153	39.4	20.2	60.2
76	13.7	0.0	34.8

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



#46

2-Chloronaphthalene

Concen: 41.73 ng

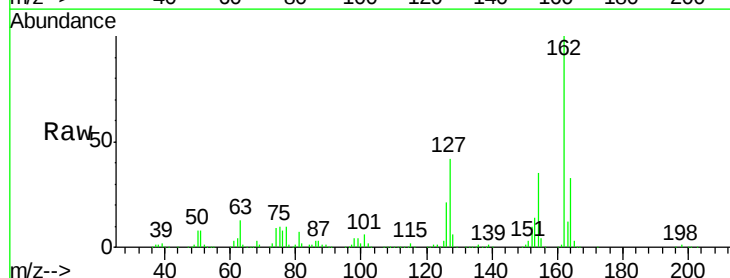
RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

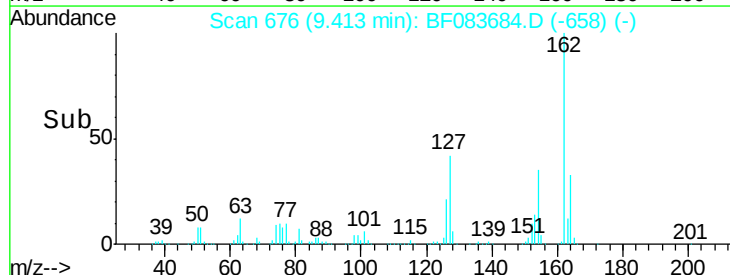
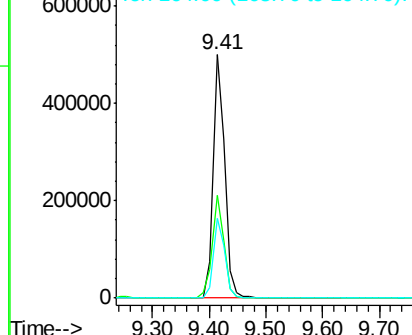
Lab File: BF083684.D

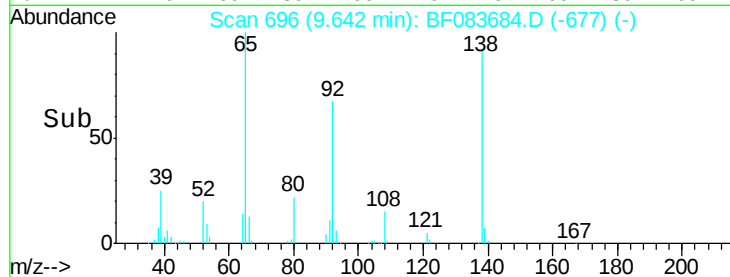
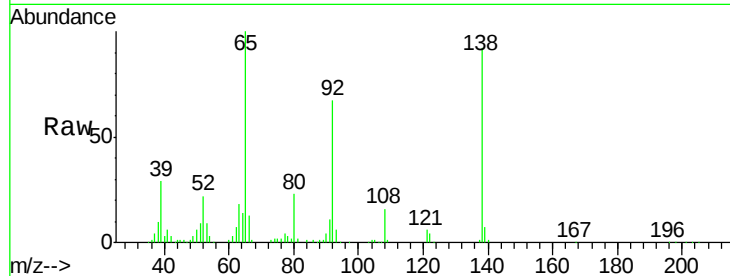
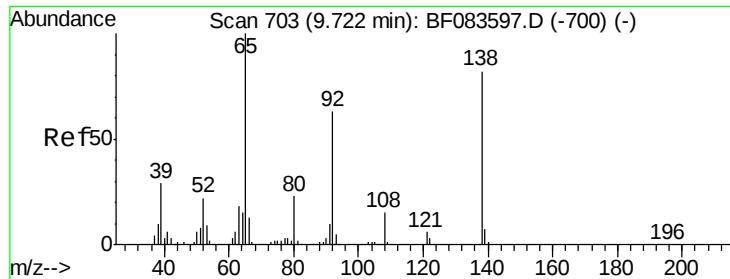
Acq: 10 Dec 2015 19:01

Tgt Ion:	162	Resp:	674917
Ion Ratio	Lower	Upper	
162	100		
127	42.4	31.0	46.4
164	32.7	27.4	41.0



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





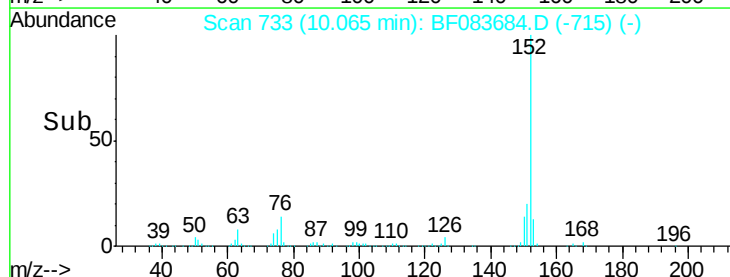
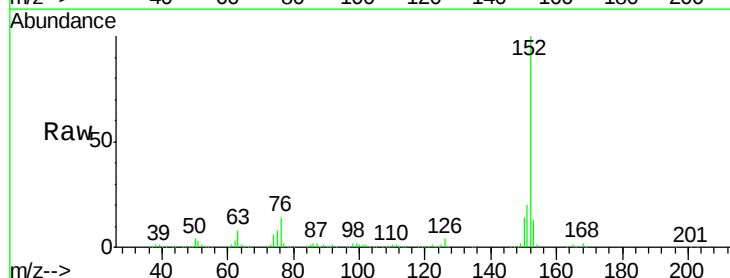
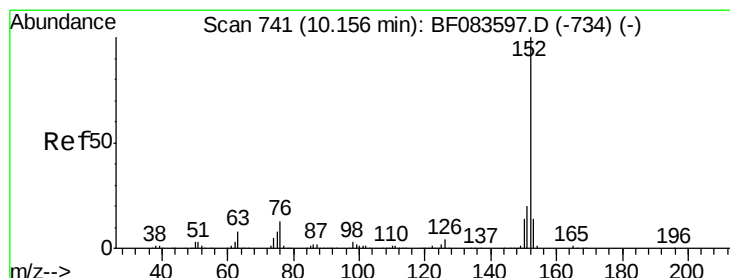
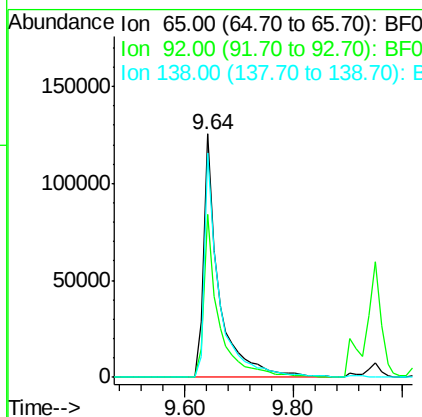
#47
2-Nitroaniline
Concen: 42.13 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	49.6	74.4
138	92.2	64.1	96.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

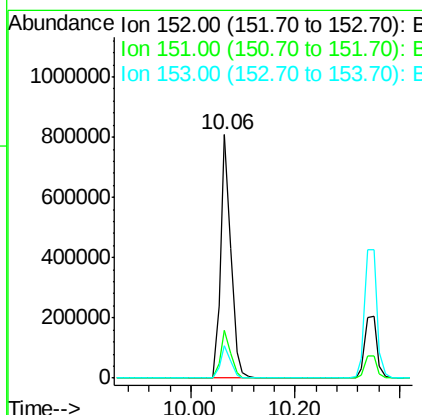
Manual Integrations
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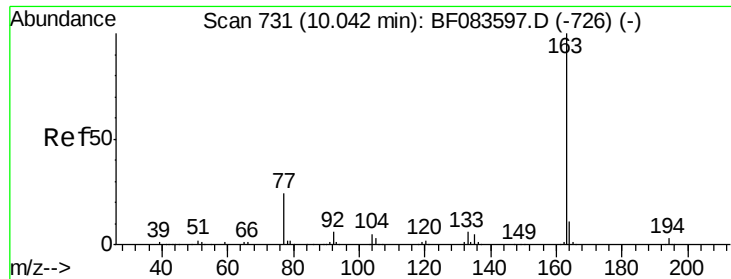
MMdadoda
12/11/2015 6:01:32 PM



#48
Acenaphthylene
Concen: 41.30 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.5	10.8	16.2





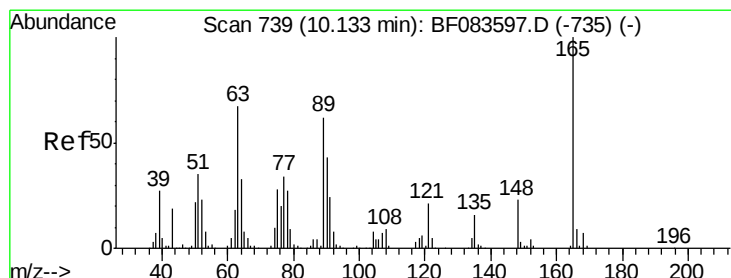
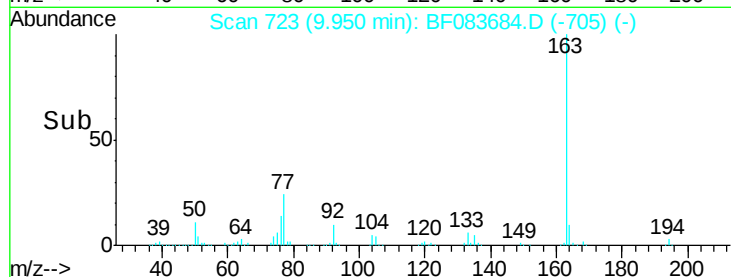
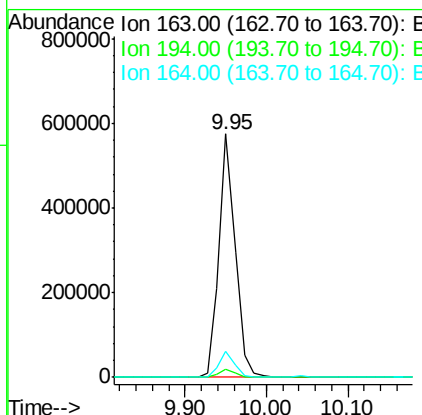
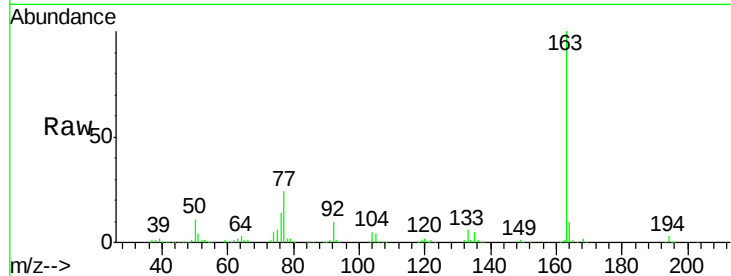
#49
Dimethylphthalate
Concen: 40.46 ng
RT: 9.95 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	793744		
194	3.3		2.8	4.2
164	10.5		8.6	13.0

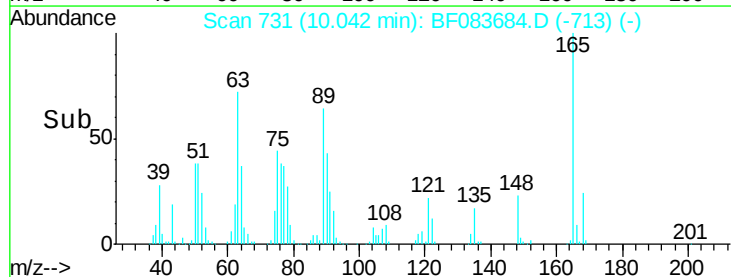
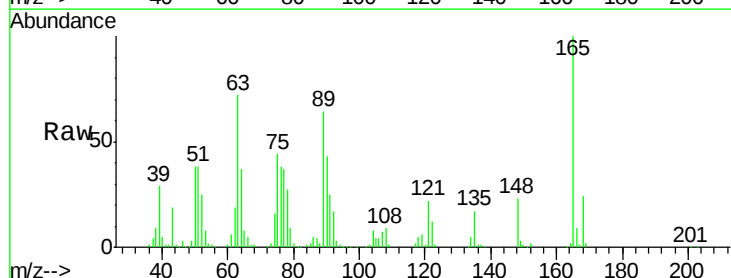
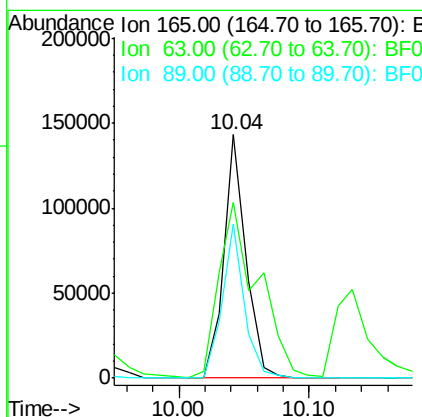
Manual Integrations
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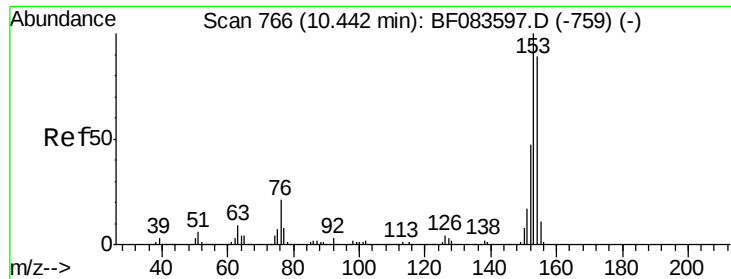
MMdadoda
12/11/2015 6:01:32 PM



#50
2,6-Dinitrotoluene
Concen: 41.87 ng
RT: 10.04 min Scan# 731
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169582		
63	72.3		56.9	85.3
89	63.5		52.1	78.1





#51

Acenaphthene

Concen: 41.41 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

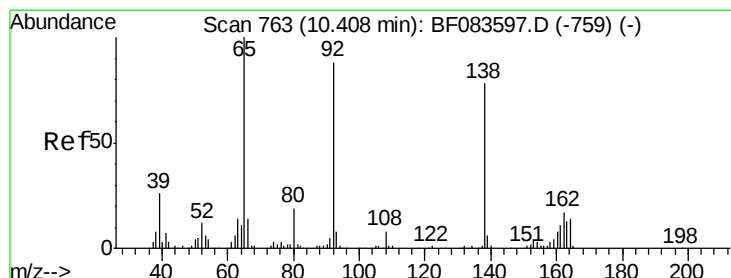
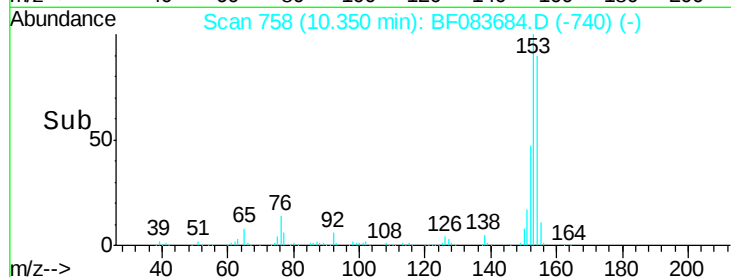
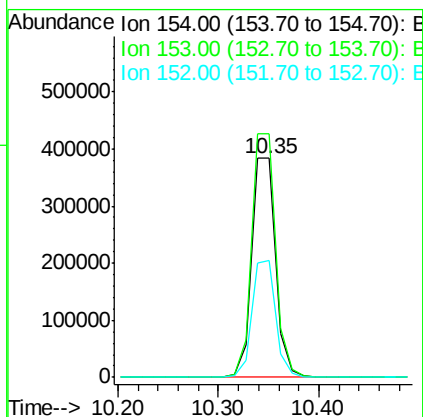
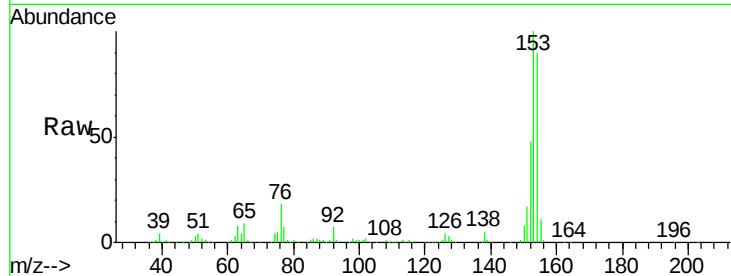
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	632270
Ion Ratio	Lower	Upper	
154	100		
153	111.0	91.4	137.0
152	53.1	43.4	65.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 42.25 ng

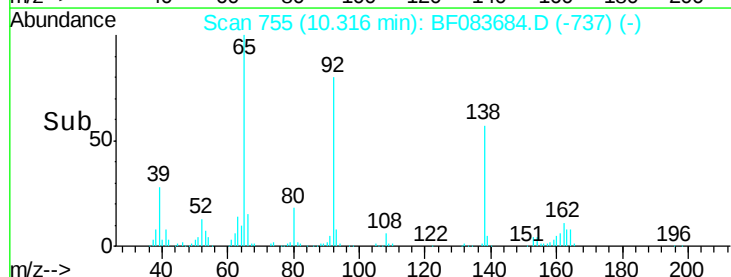
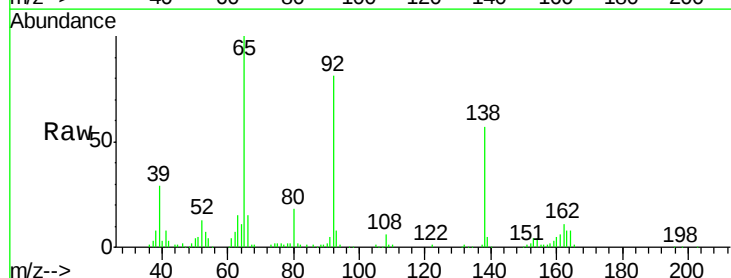
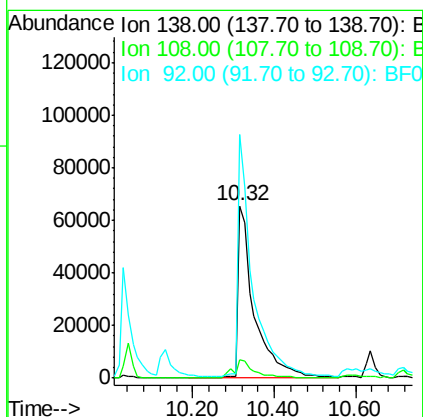
RT: 10.32 min Scan# 755

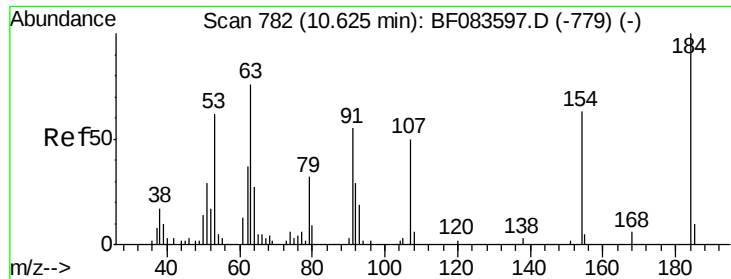
Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Tgt Ion:	138	Resp:	181878
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.9	14.9
92	141.1	113.8	170.8





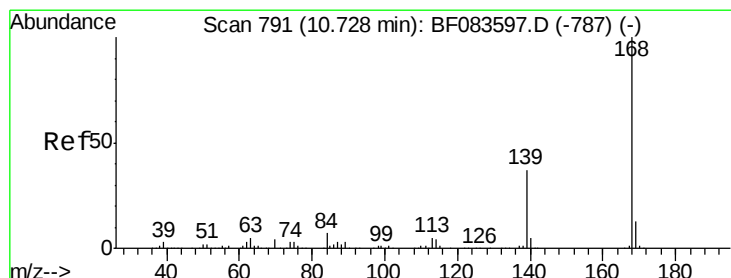
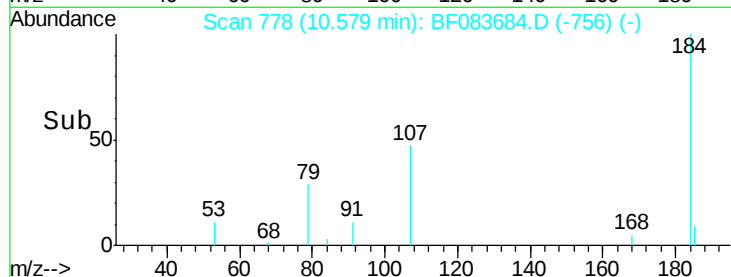
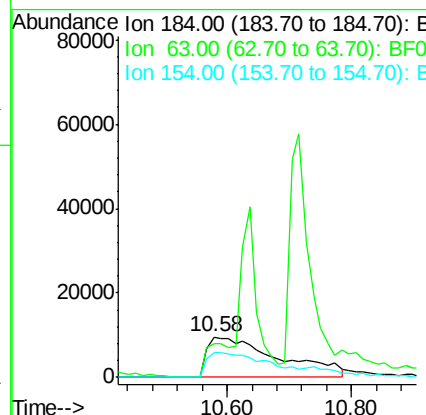
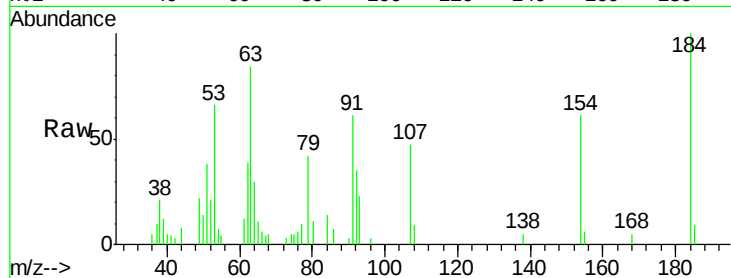
#53
 2,4-Dinitrophenol
 Concen: 41.10 ng
 RT: 10.58 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	76508		
63	83.5	62.4	93.6	
154	61.1	46.6	69.8	

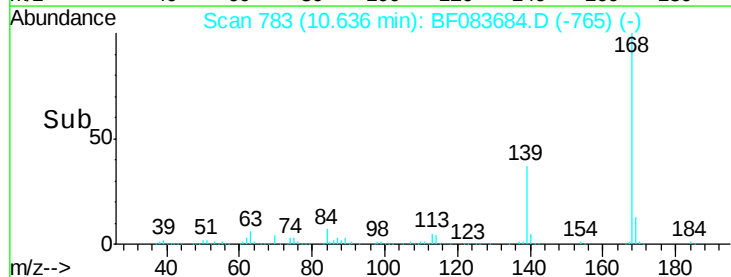
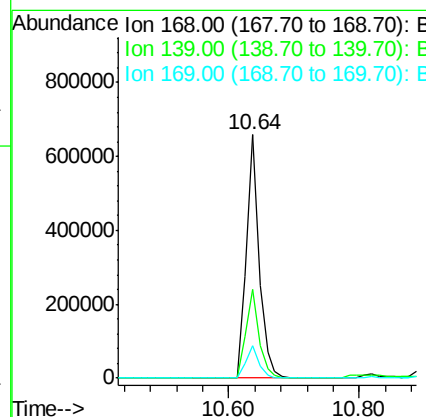
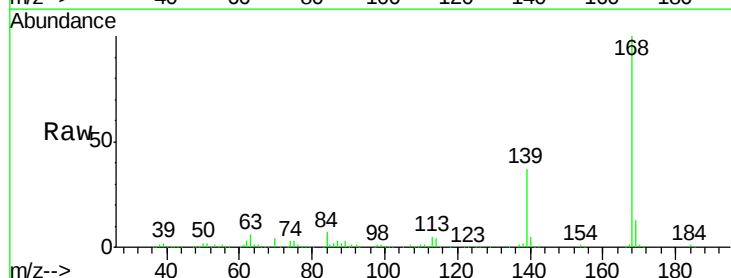
Manual Integrations
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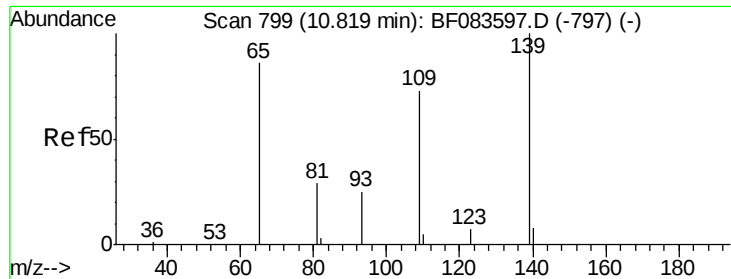
MMdadoda
 12/11/2015 6:01:32 PM



#54
 Dibenzofuran
 Concen: 41.95 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	888138		
139	36.7	28.0	42.0	
169	13.5	10.8	16.2	





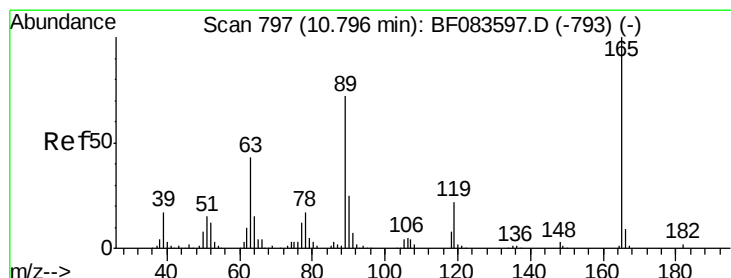
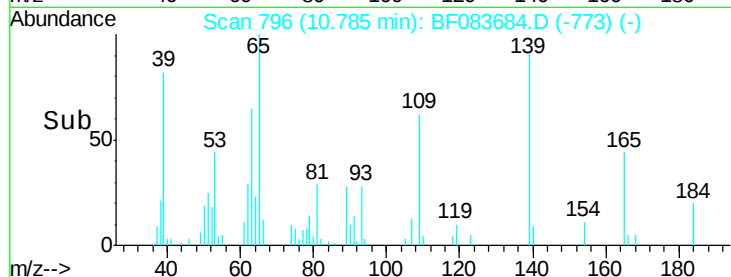
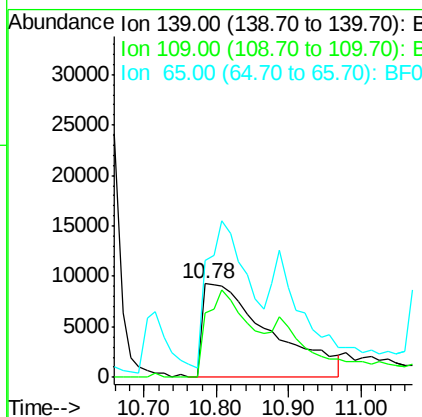
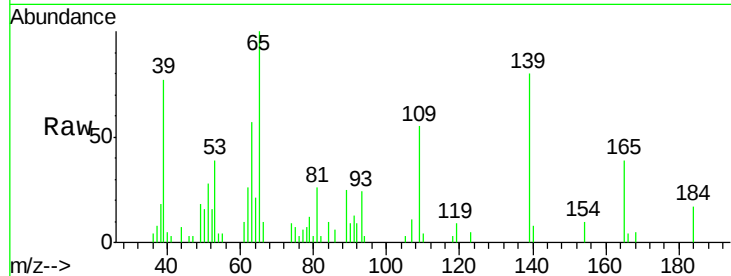
#55
4-Nitrophenol
Concen: 31.67 ng
RT: 10.78 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.6	42.0	82.0
65	124.5	89.2	129.2

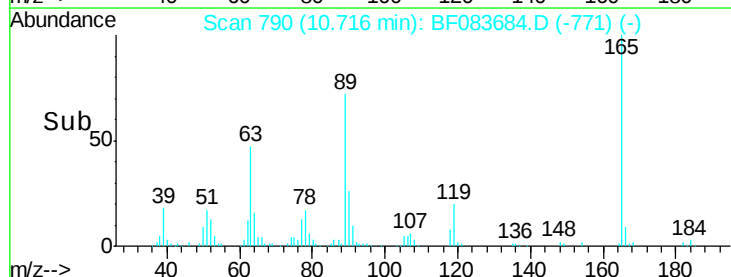
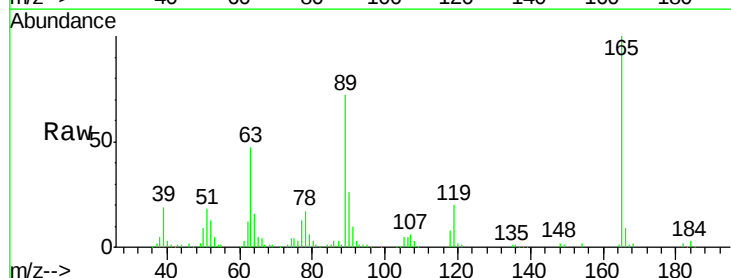
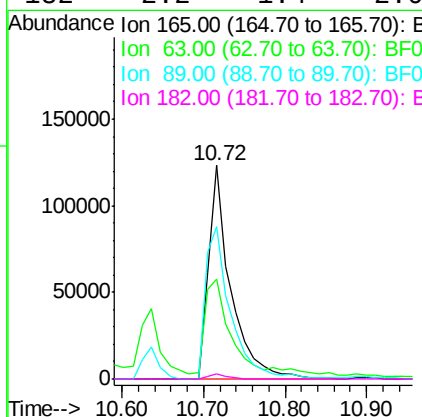
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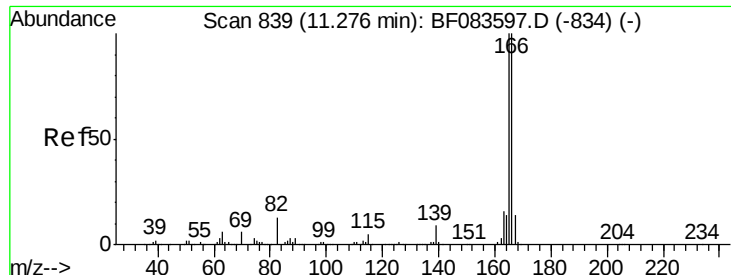
MMdadoda
12/11/2015 6:01:32 PM



#56
2,4-Dinitrotoluene
Concen: 43.67 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	51.4	77.2#
89	71.5	72.6	108.8#
182	2.2	1.4	2.0#





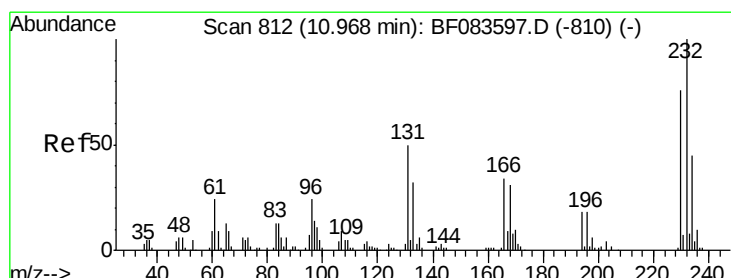
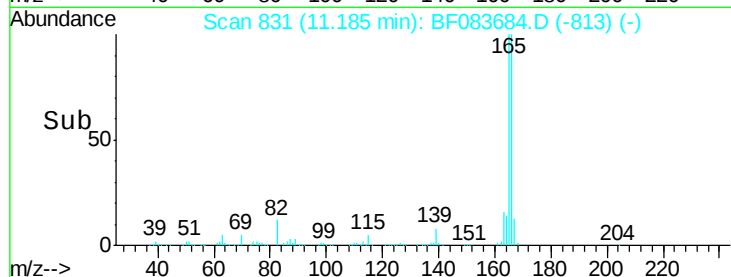
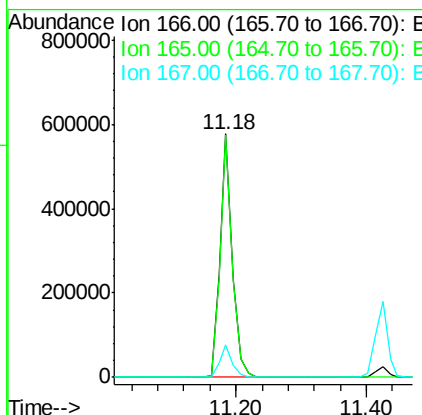
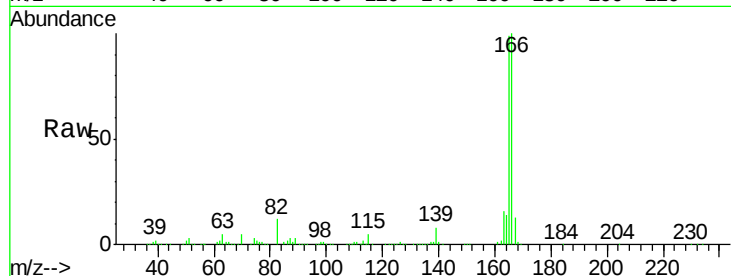
#57
 Fluorene
 Concen: 41.36 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	166	Resp:	764221
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.0	120.0
167	13.3	10.6	16.0

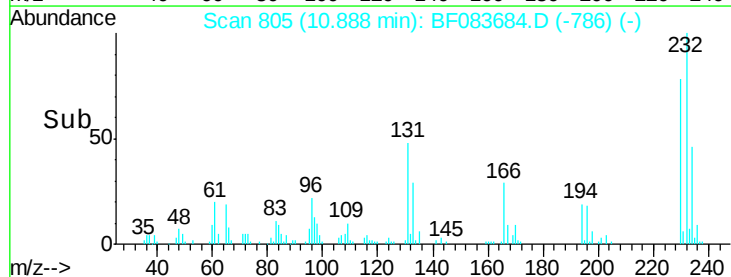
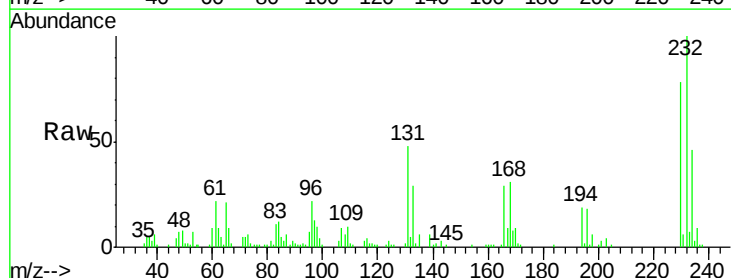
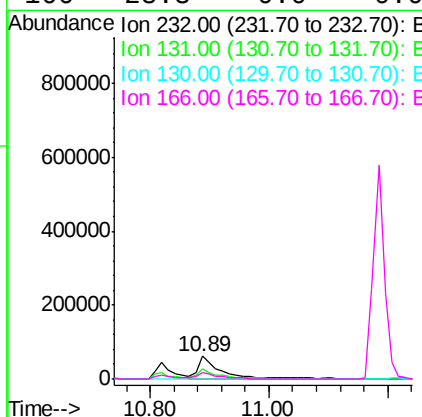
Manual Integrations
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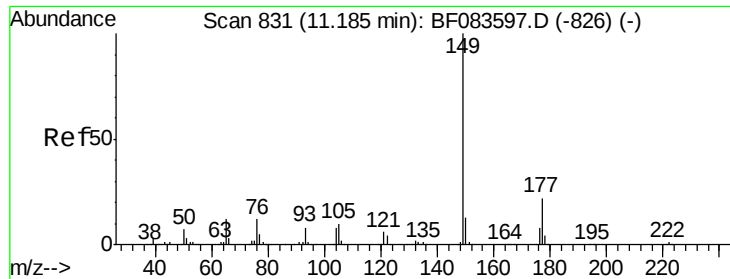
MMdadoda
 12/11/2015 6:01:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.28 ng
 RT: 10.89 min Scan# 805
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion:	232	Resp:	150185
Ion Ratio	Lower	Upper	
232	100		
131	45.1	0.0	0.0#
130	1.7	0.0	0.0#
166	28.3	0.0	0.0#





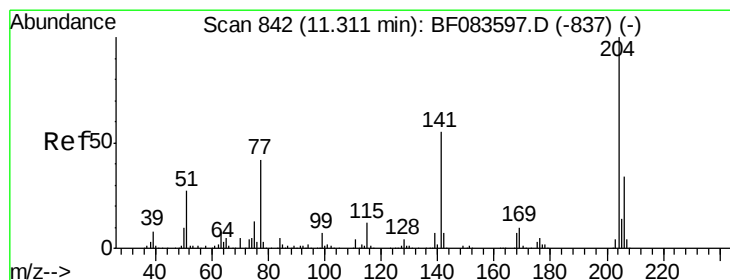
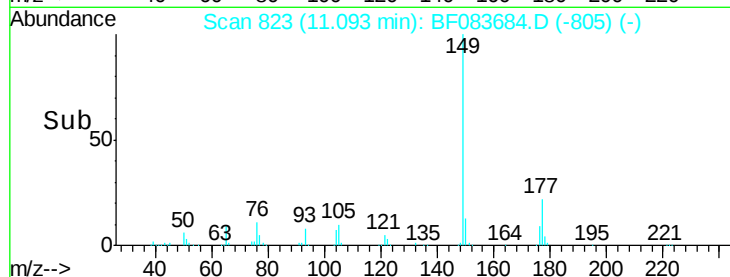
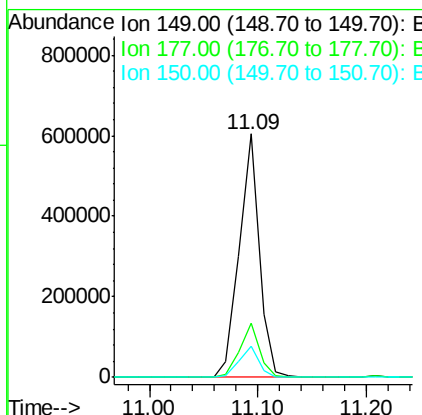
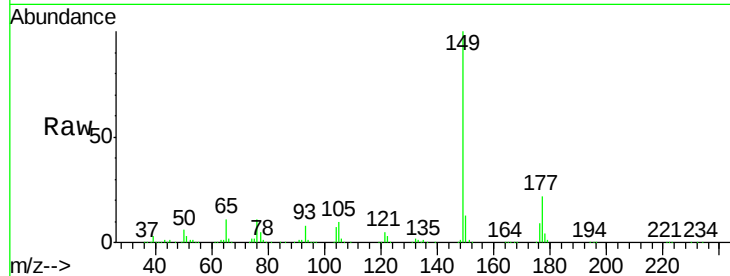
#59
Diethylphthalate
Concen: 40.41 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	770770		
177	22.4	16.9	25.3	
150	12.9	10.2	15.4	

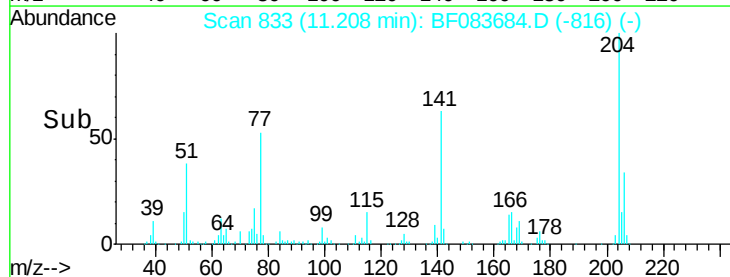
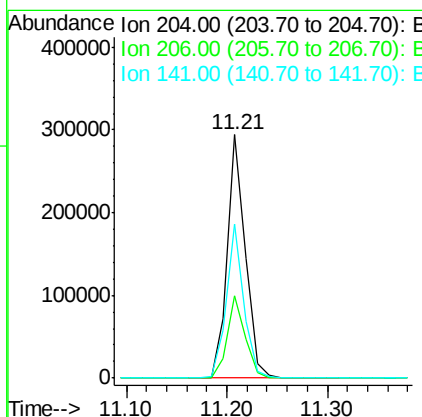
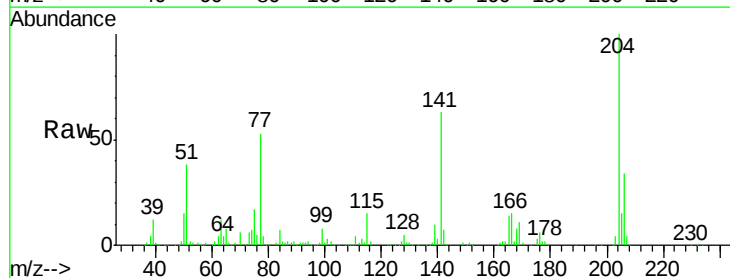
Manual Integrations
APPROVED

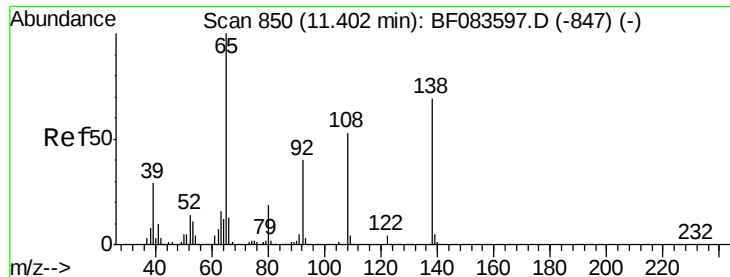
MMdadoda
12/11/2015 6:01:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.66 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	366473		
206	34.0	27.3	40.9	
141	63.1	51.9	77.9	





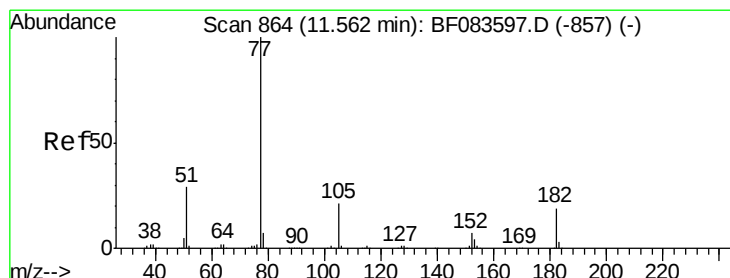
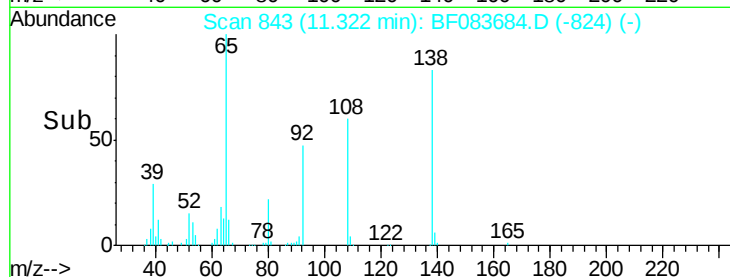
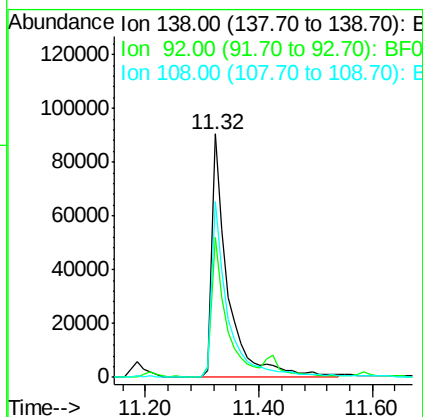
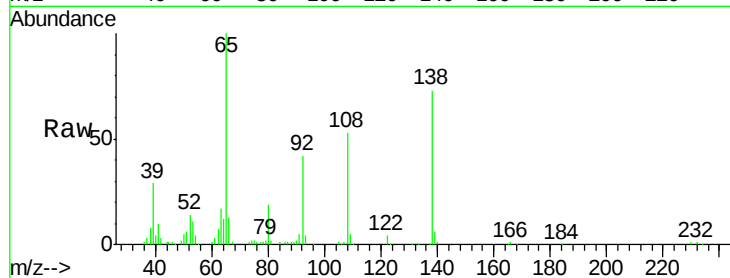
#61
4-Nitroaniline
Concen: 44.81 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.5	29.0	69.0
108	72.2	47.4	87.4

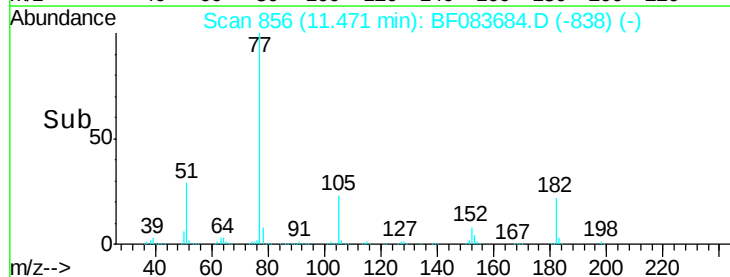
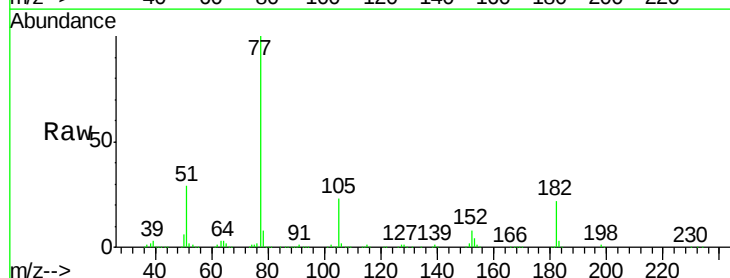
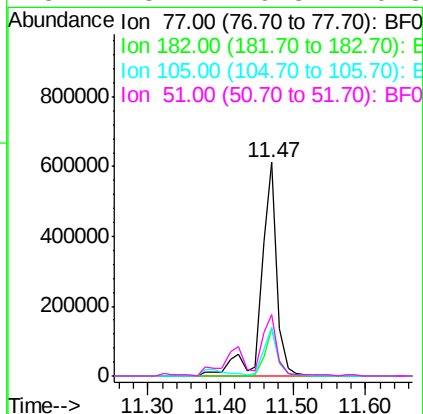
Manual Integrations
APPROVED

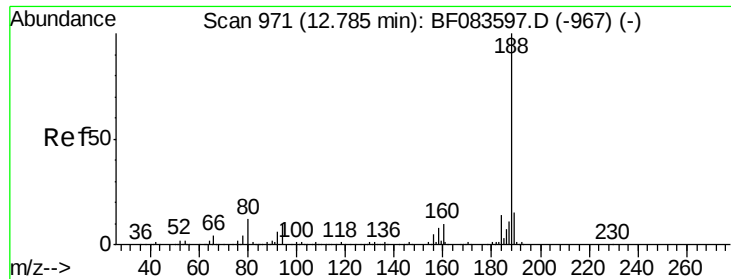
MMdadoda
12/11/2015 6:01:32 PM



#62
Azobenzene
Concen: 43.88 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	2.5	42.5
105	22.9	2.1	42.1
51	28.7	9.3	49.3





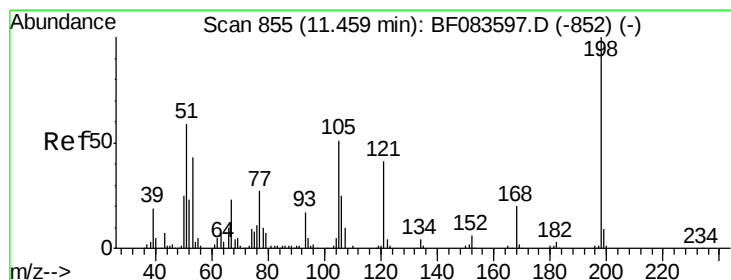
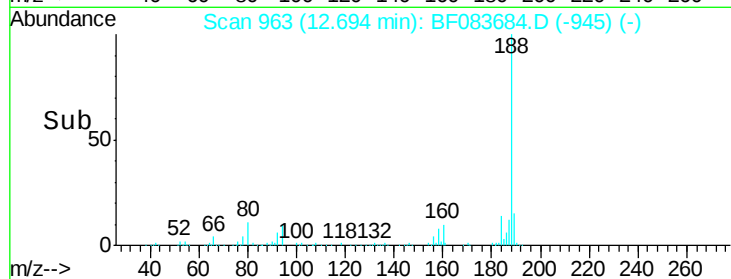
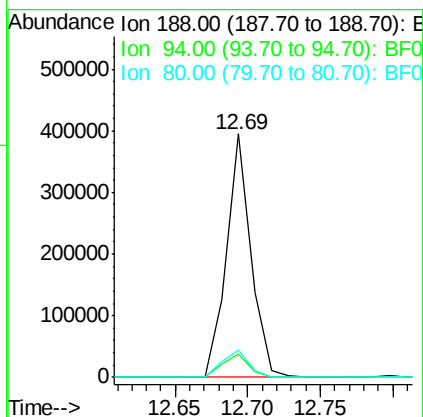
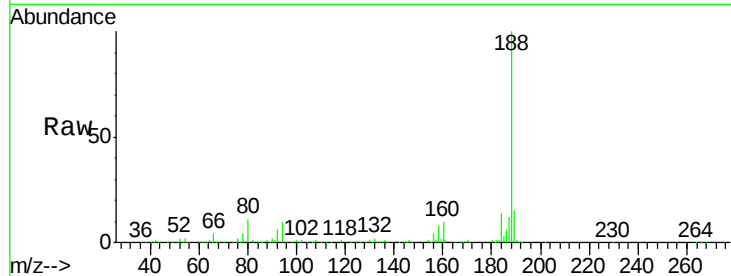
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462323		
94	9.7		9.4	14.2
80	11.2		10.6	16.0

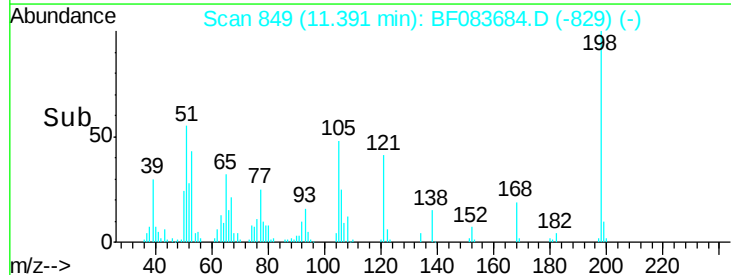
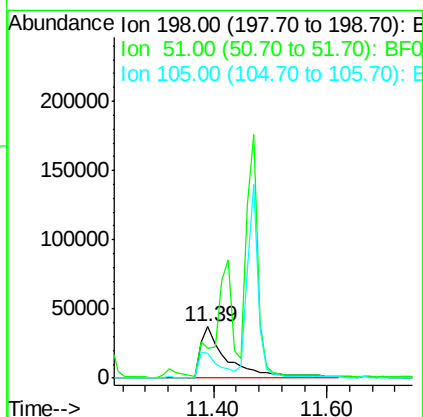
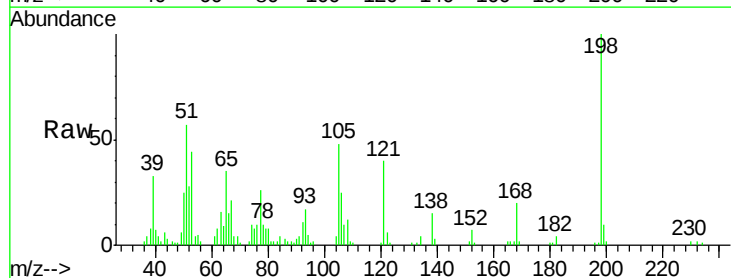
Manual Integrations
APPROVED

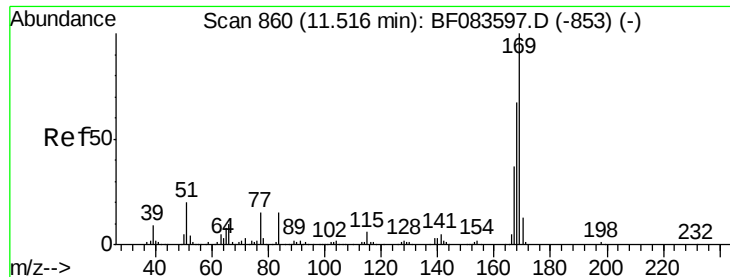
MMdadoda
12/11/2015 6:01:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.39 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	122921		
51	57.3		53.8	93.8
105	47.7		38.6	78.6





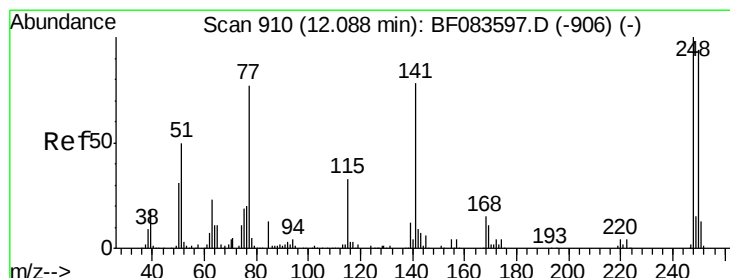
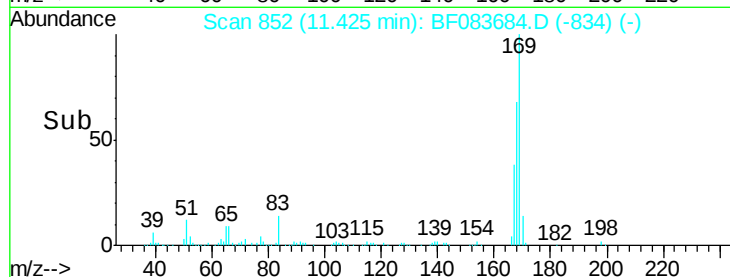
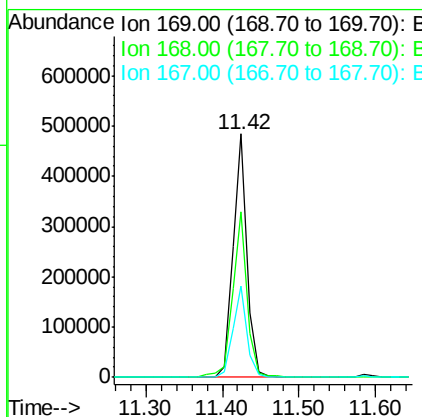
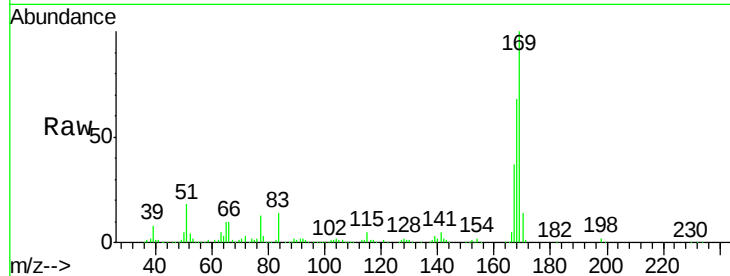
#65
n-Nitrosodiphenylamine
Concen: 41.17 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.0	79.6
167	37.3	29.3	43.9

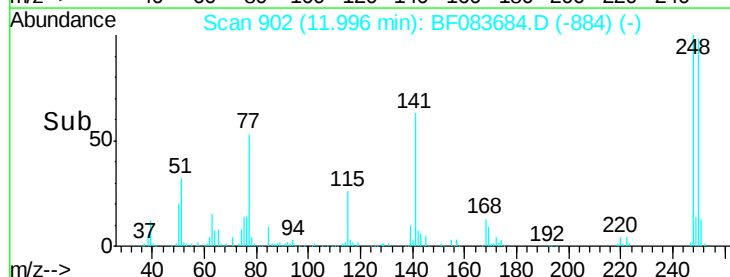
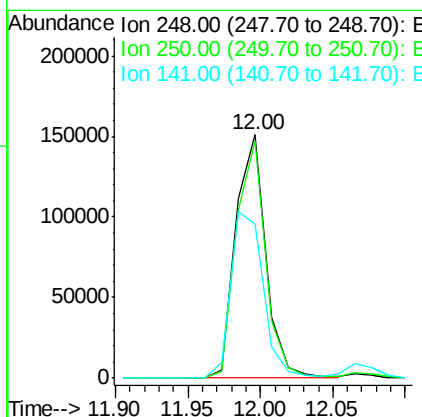
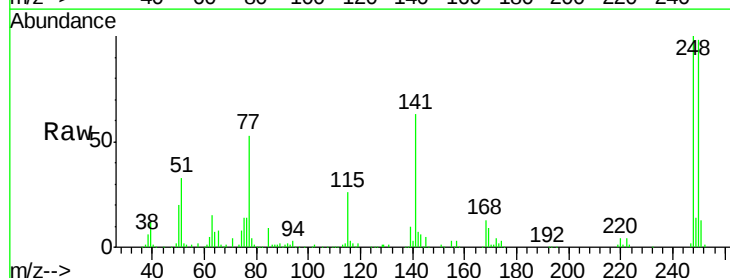
Manual Integrations
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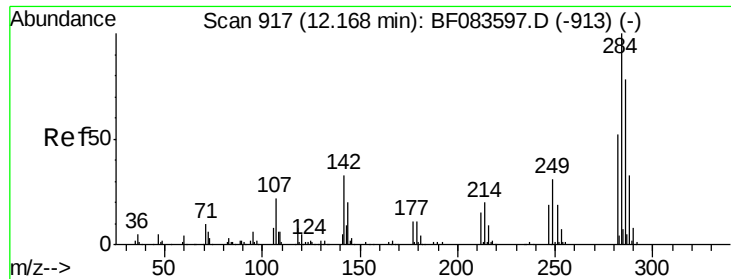
MMdadoda
12/11/2015 6:01:32 PM



#66
4-Bromophenyl-phenylether
Concen: 42.01 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.2	118.8
141	63.3	58.2	87.4





#67

Hexachlorobenzene

Concen: 41.30 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

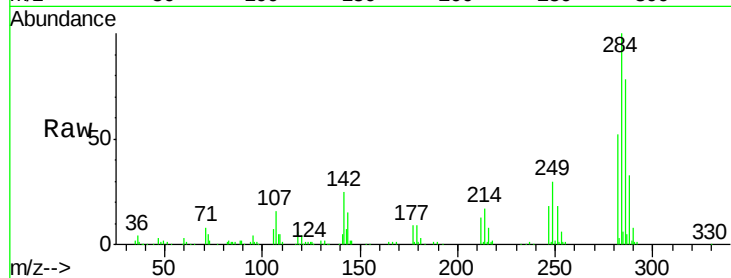
ClientSampleId :

SSTDCCC040

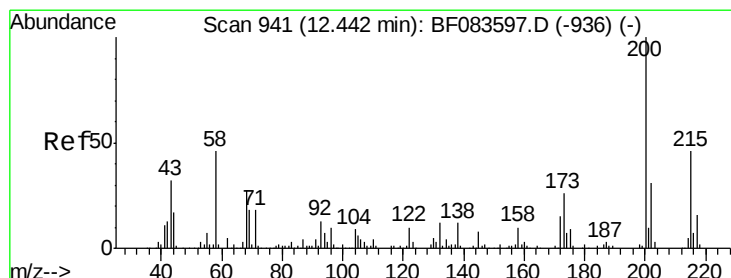
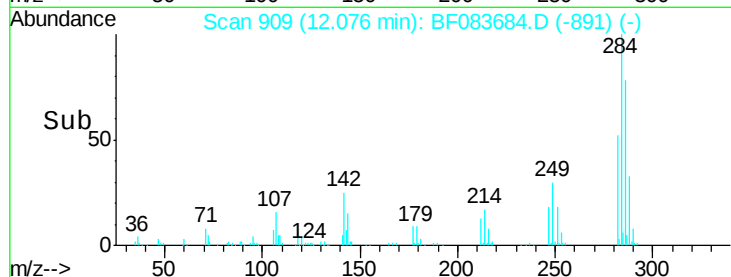
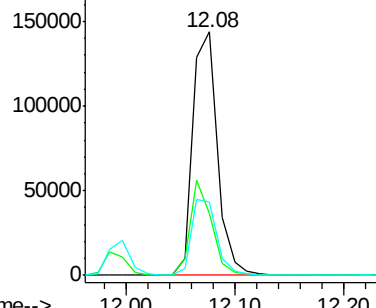
Tot Ion:	284	Resp:	225924
Ion Ratio		Lower	Upper
284	100		
142	25.5	31.0	46.4#
249	30.2	26.9	40.3

Manual Integrations
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MMdadoda
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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: 41.79 ng

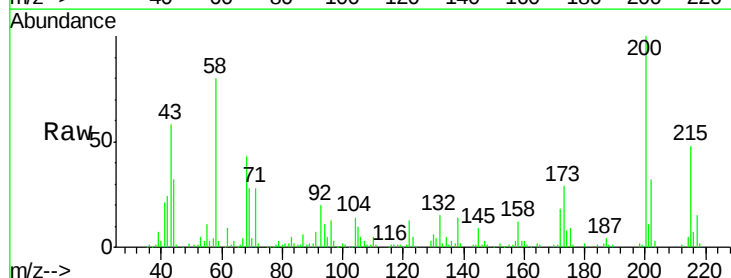
RT: 12.34 min Scan# 932

Delta R.T. -0.10 min

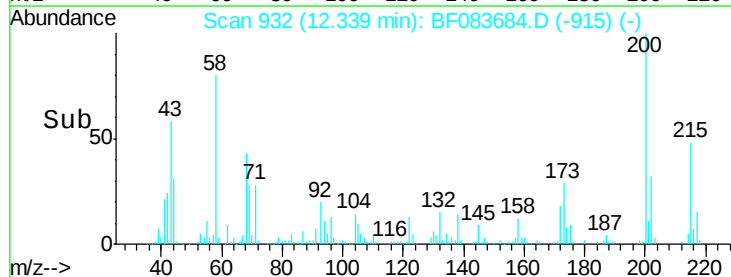
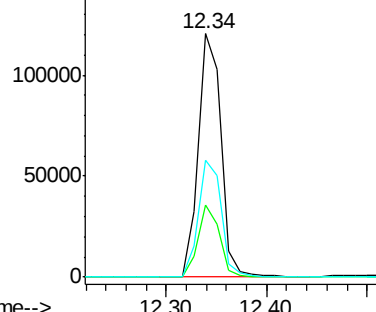
Lab File: BF083684.D

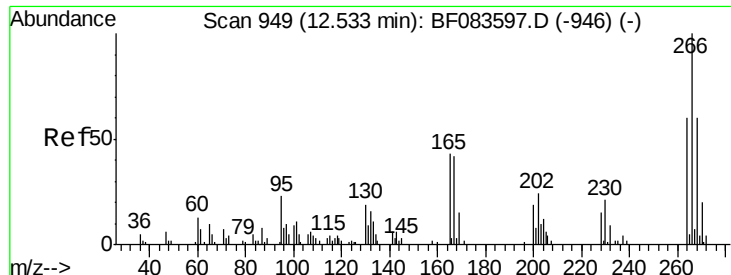
Acq: 10 Dec 2015 19:01

Tgt Ion:	200	Resp:	189727
Ion Ratio		Lower	Upper
200	100		
173	29.4	7.8	47.8
215	47.8	25.7	65.7



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





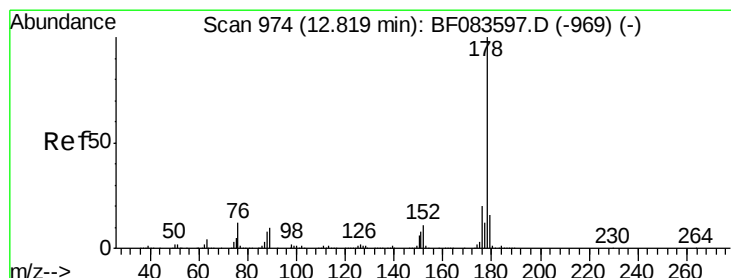
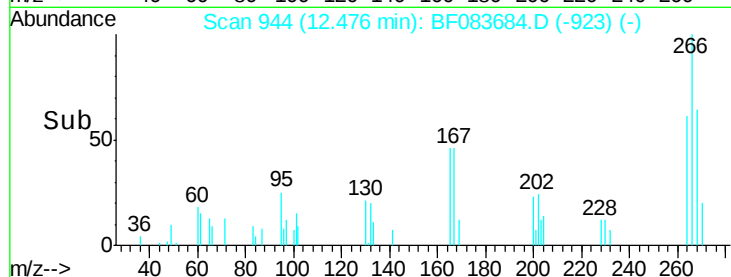
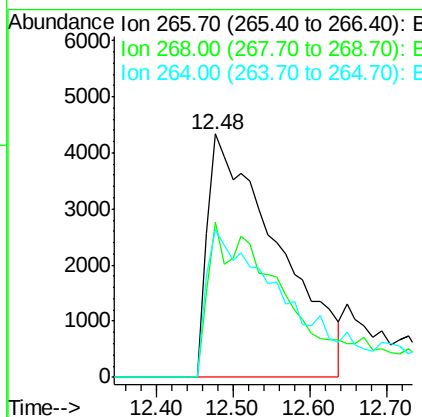
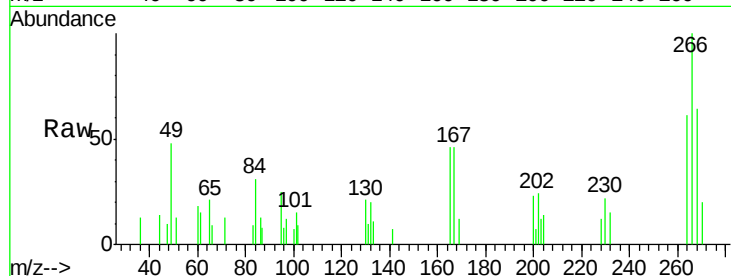
#69
 Pentachlorophenol
 Concen: 24.72 ng
 RT: 12.48 min Scan# 944
 Delta R.T. -0.06 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.2	75.2
264	60.7	51.4	77.2

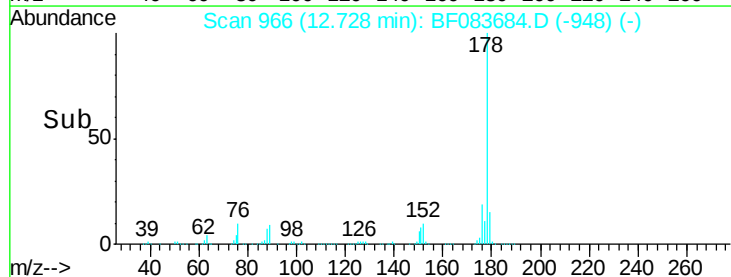
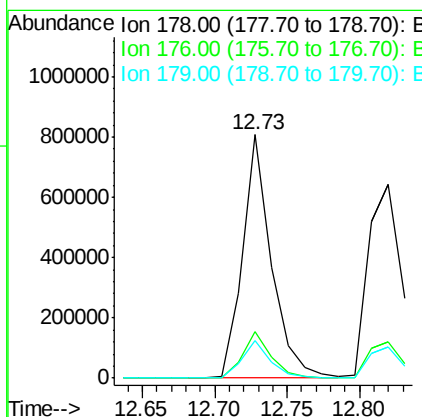
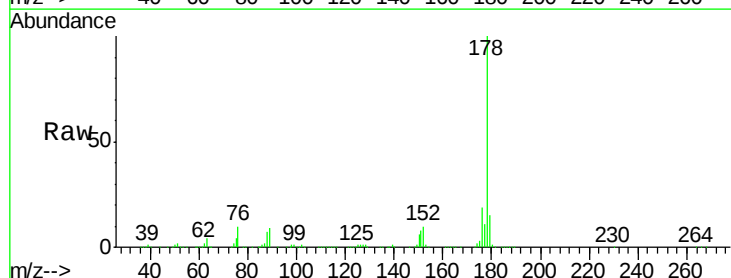
Manual Integrations
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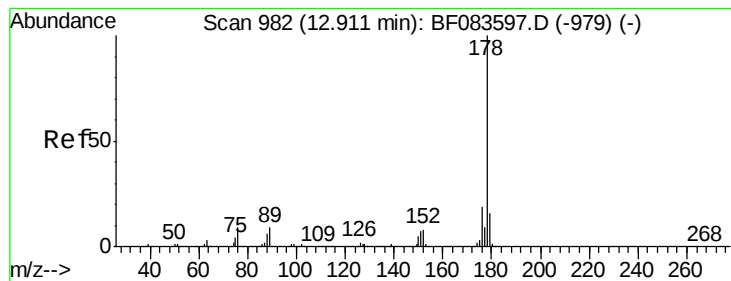
MMdadoda
 12/11/2015 6:01:32 PM



#70
 Phenanthrene
 Concen: 41.97 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.3	12.2	18.4





#71

Anthracene

Concen: 42.74 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1176094

Ion Ratio Lower Upper

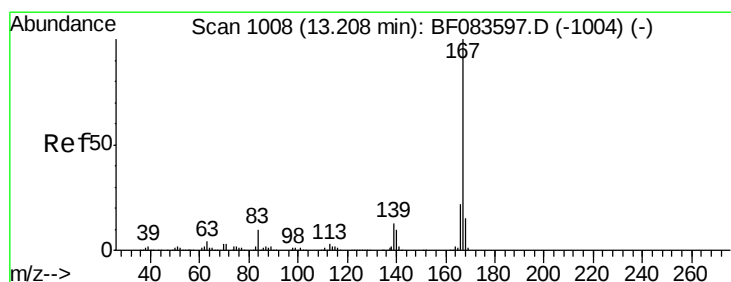
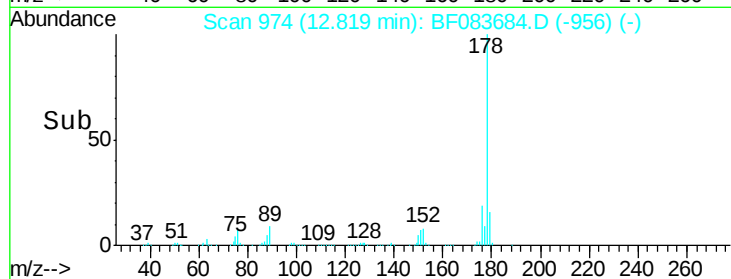
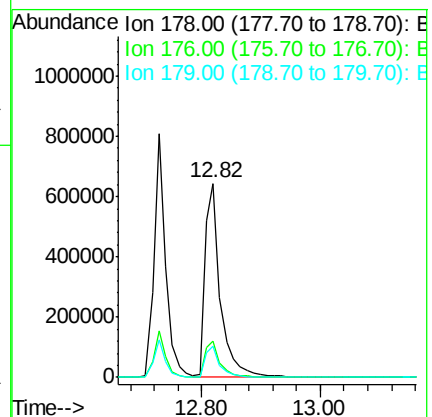
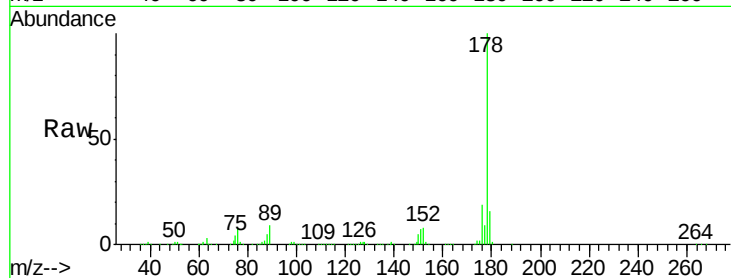
178 100

176 19.0 15.2 22.8

179 15.9 12.6 18.8

Manual Integrations
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MMdadoda
12/11/2015 6:01:32 PM



#72

Carbazole

Concen: 43.83 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

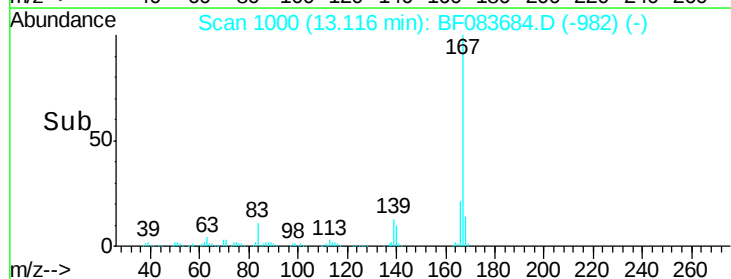
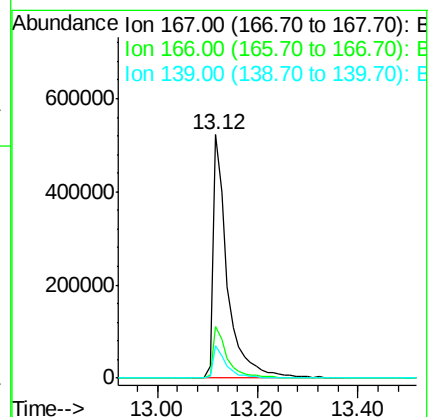
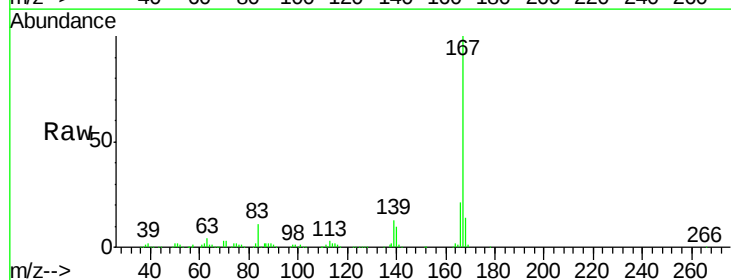
Tgt Ion:167 Resp: 1034305

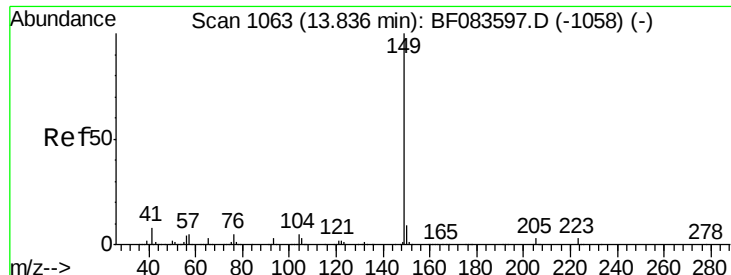
Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 13.3 9.3 13.9





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1253986

Ion Ratio Lower Upper

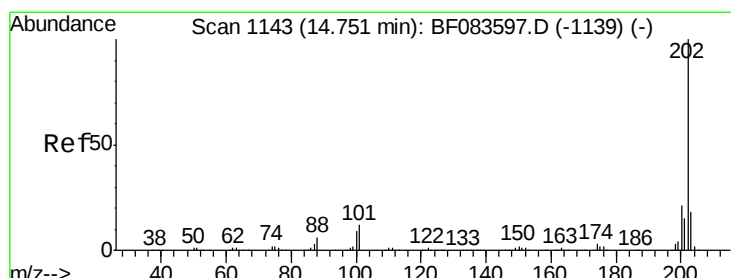
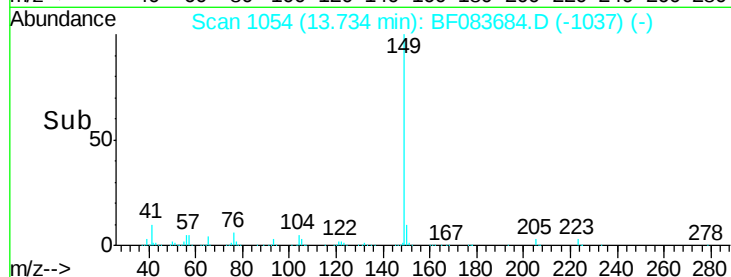
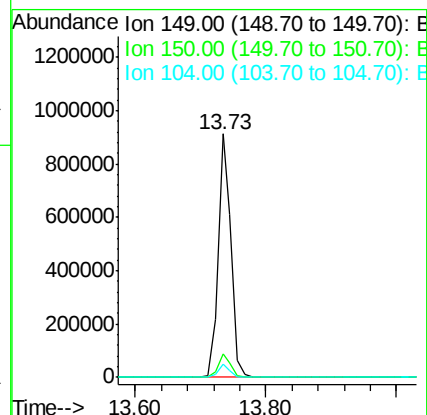
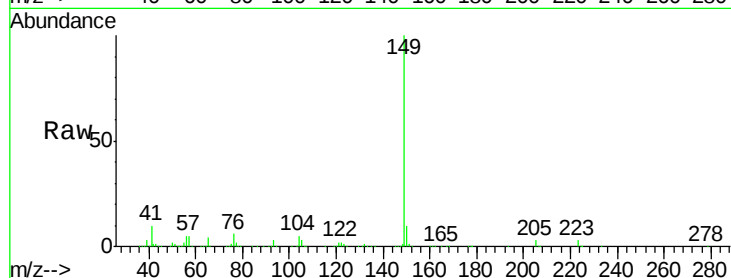
149 100

150 9.9 7.8 11.6

104 5.2 3.9 5.9

Manual Integrations
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#74

Fluoranthene

Concen: 43.41 ng

RT: 14.66 min Scan# 1135

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

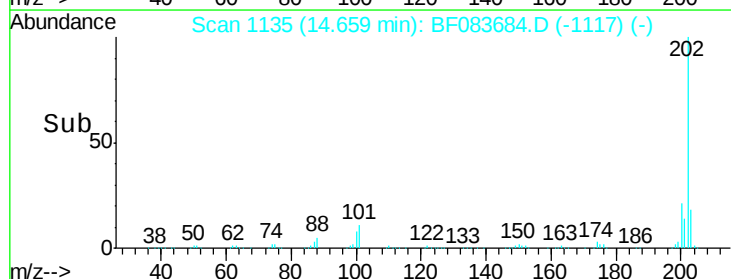
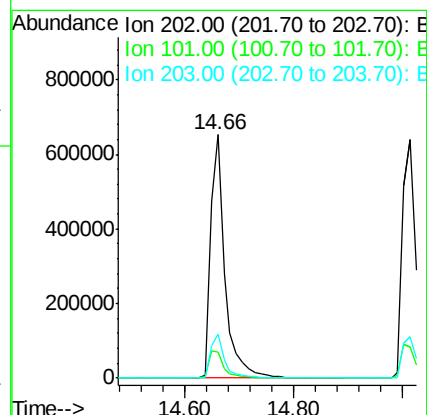
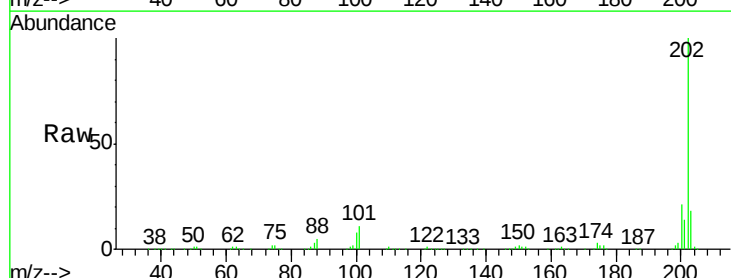
Tgt Ion:202 Resp: 1179609

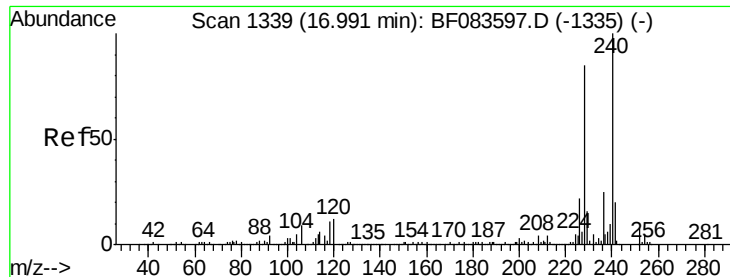
Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.5

203 17.9 0.0 37.6





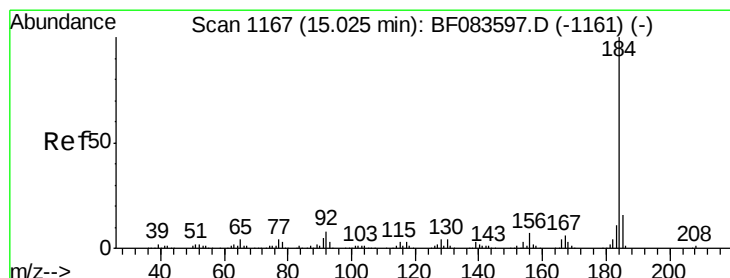
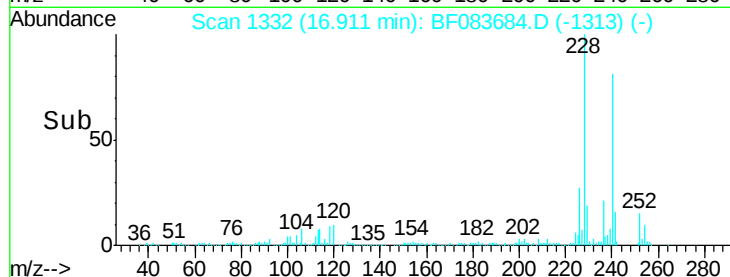
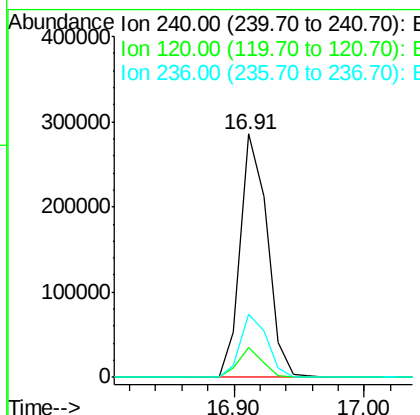
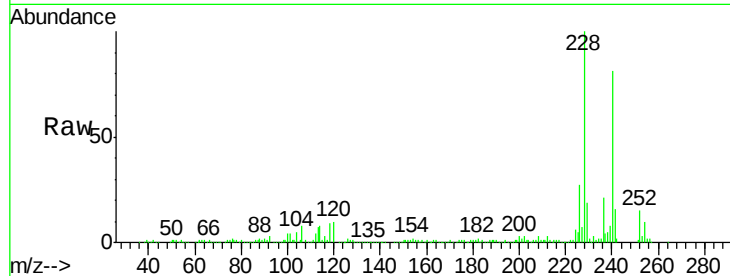
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	411051		
120	12.2	8.1	12.1	#
236	25.7	20.8	31.2	

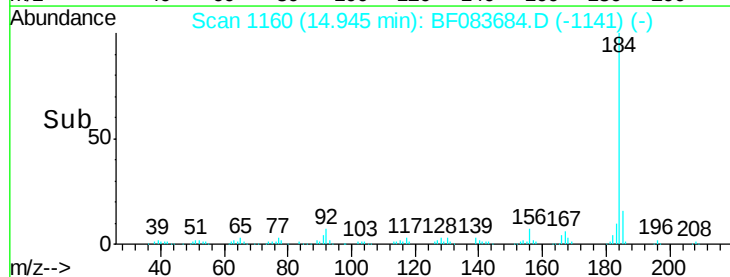
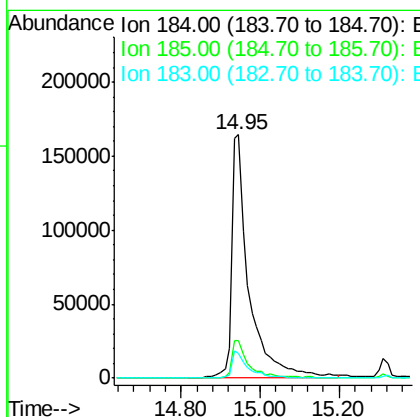
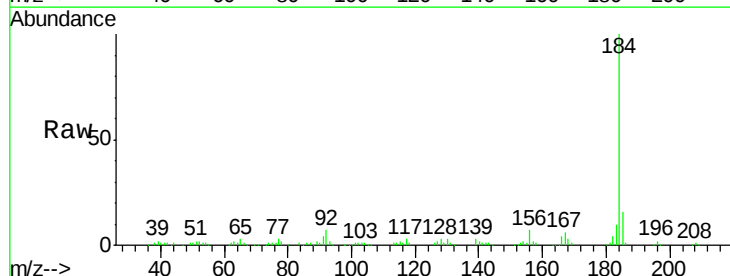
Manual Integrations
APPROVED

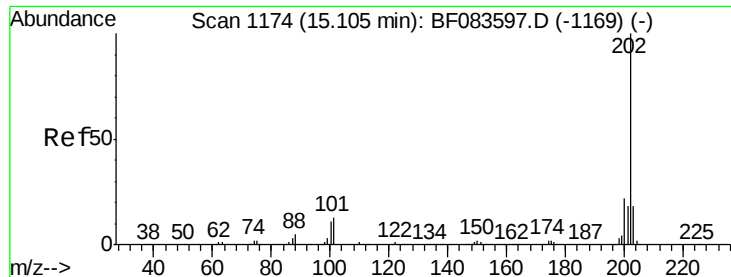
MMdadoda
12/11/2015 6:01:32 PM



#76
Benzidine
Concen: 39.30 ng
RT: 14.95 min Scan# 1160
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	502534		
185	15.6	13.0	19.6	
183	10.4	9.0	13.4	





#77

Pvrene

Concen: 40.71 ng

RT: 15.01 min Scan# 1166

Delta R.T. -0.09 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1204792

Ion Ratio Lower Upper

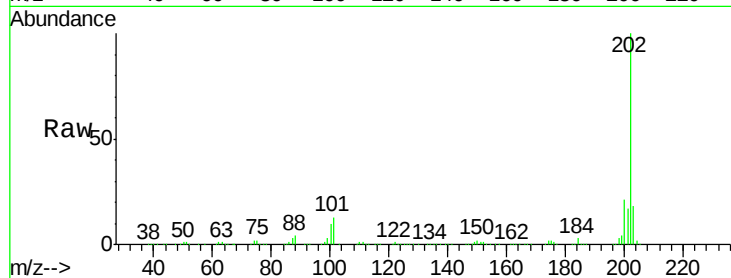
202 100

200 20.9 16.7 25.1

203 17.6 14.3 21.5

Manual Integrations
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MMdadoda
12/11/2015 6:01:32 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

800000

600000

400000

200000

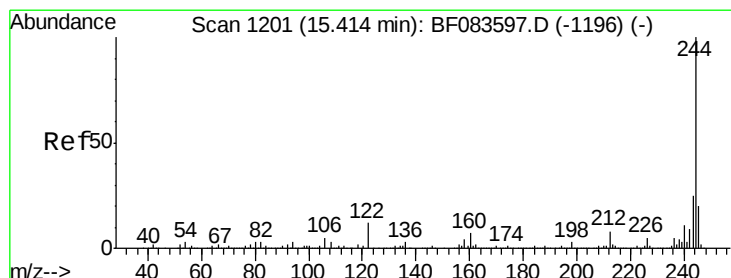
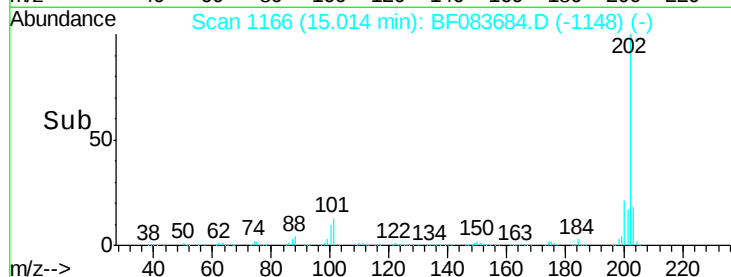
0

15.01

15.00

15.20

Time-->



#78

Terphenyl-d14

Concen: 80.92 ng

RT: 15.31 min Scan# 1192

Delta R.T. -0.10 min

Lab File: BF083684.D

Acq: 10 Dec 2015 19:01

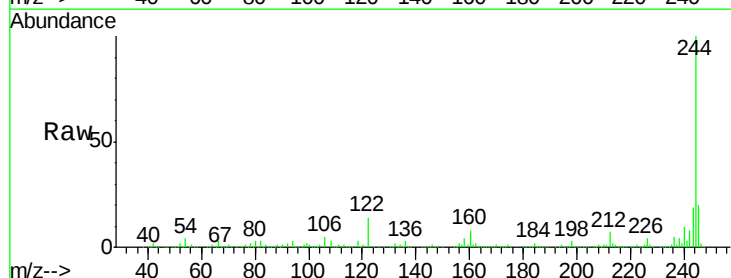
Tgt Ion:244 Resp: 1413737

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 13.7 11.0 16.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1200000

1000000

800000

600000

400000

200000

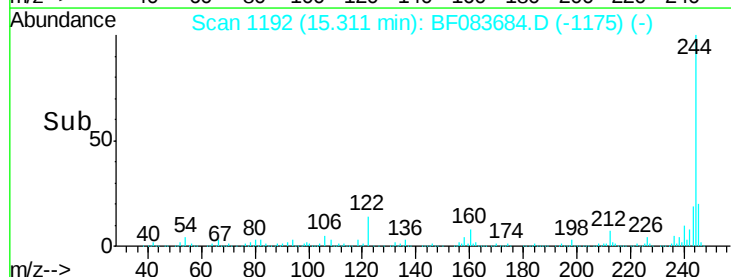
0

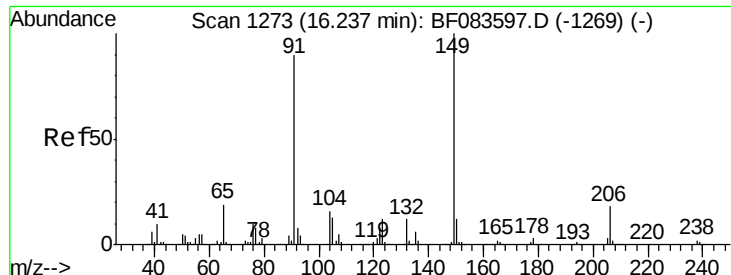
15.31

15.20

15.40

Time-->





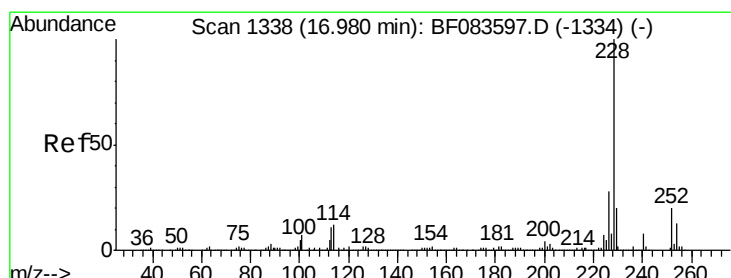
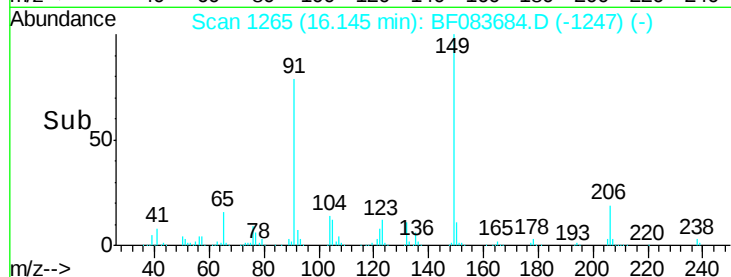
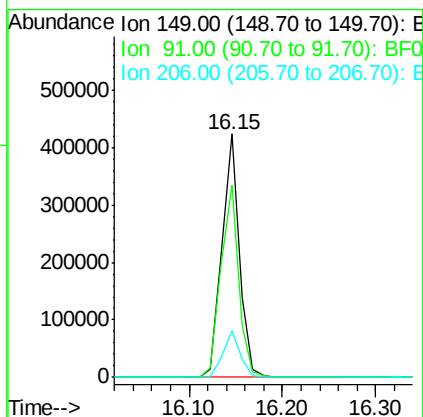
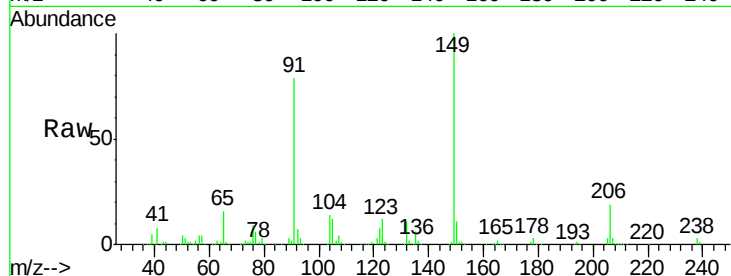
#79
Butylbenzylphthalate
Concen: 41.73 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	548149		
91	79.0	60.0	90.0	
206	19.0	16.2	24.4	

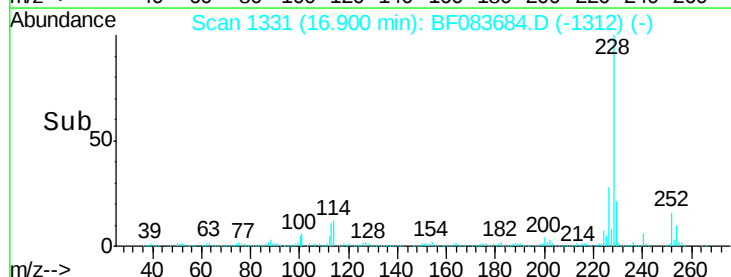
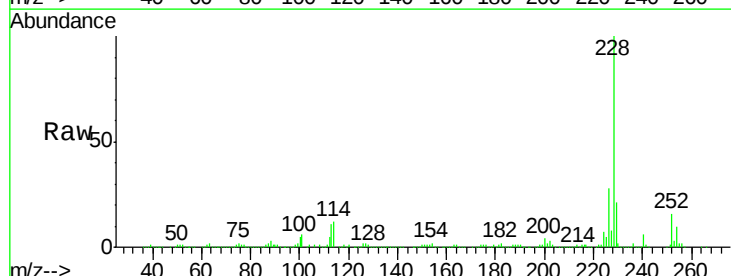
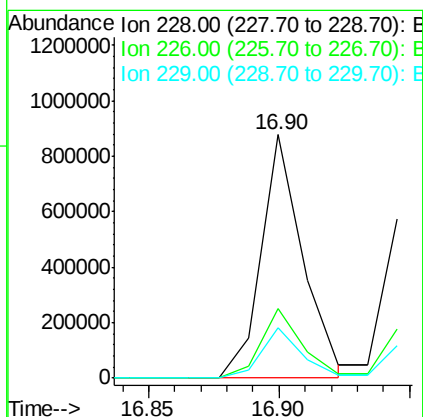
Manual Integrations
APPROVED

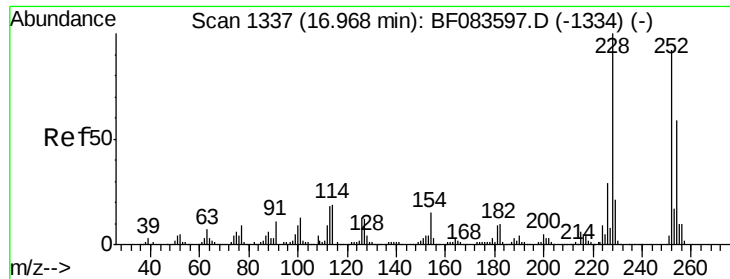
MMdadoda
12/11/2015 6:01:32 PM



#80
Benzo(a)anthracene
Concen: 40.55 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	975625		
226	28.3	22.3	33.5	
229	20.6	15.7	23.5	





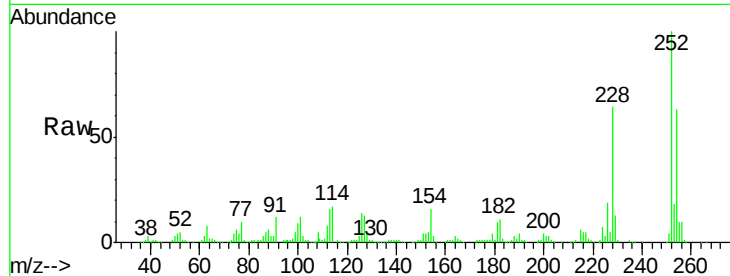
#81
 3,3'-Dichlorobenzidine
 Concen: 44.68 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.6	76.0
126	13.6	11.0	16.4

Manual Integrations
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MMdadoda
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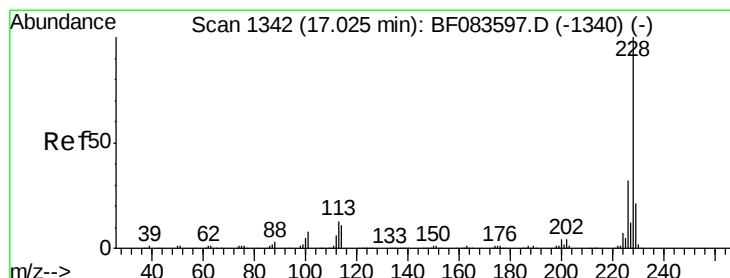
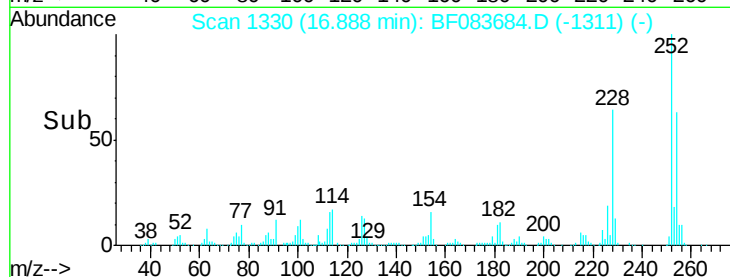
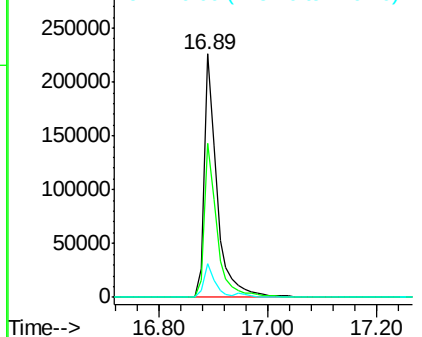


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 42.83 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

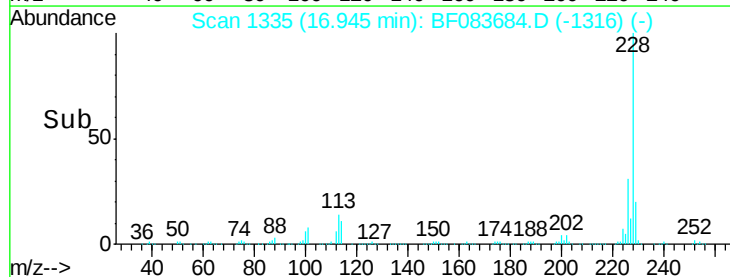
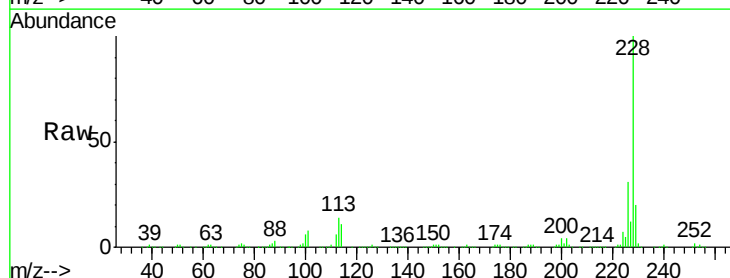
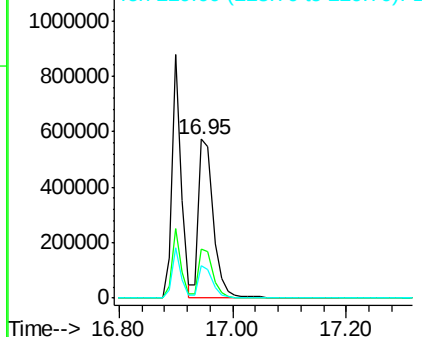
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.1	16.3	24.5

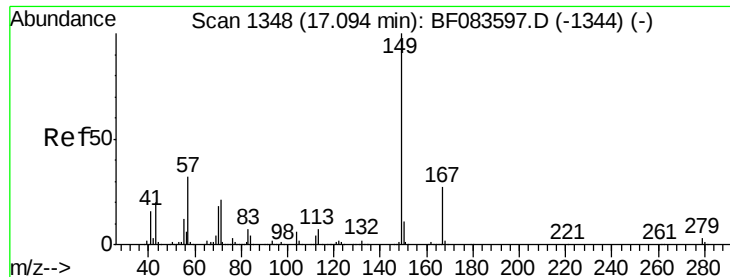
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





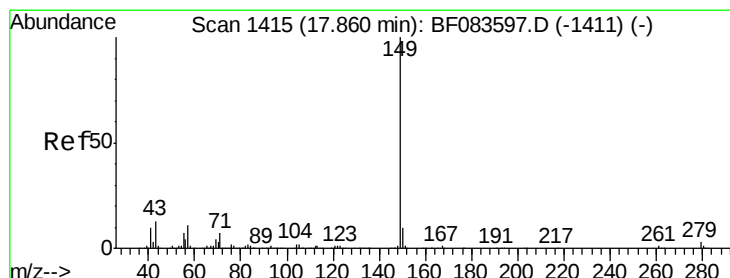
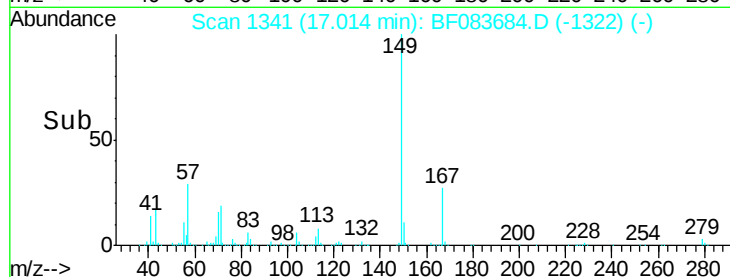
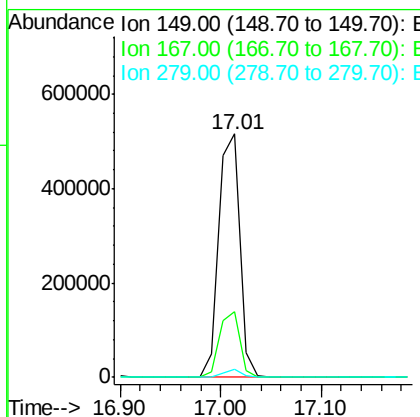
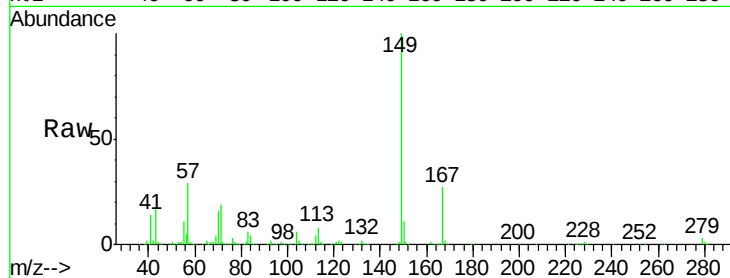
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.22 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	3.4	3.0	4.4

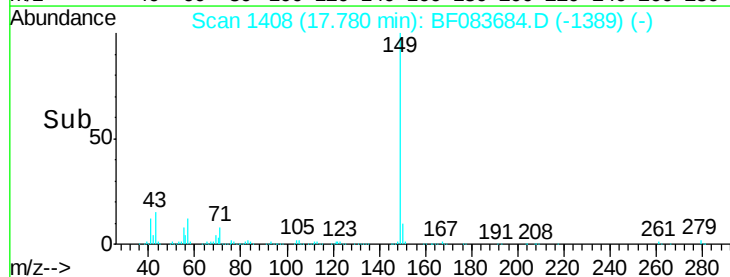
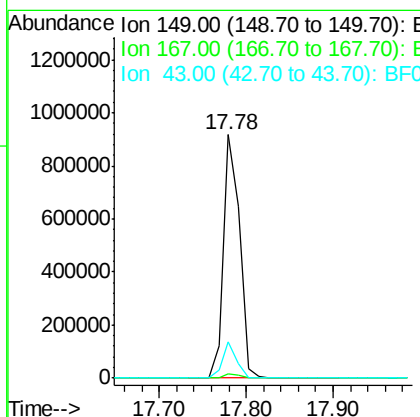
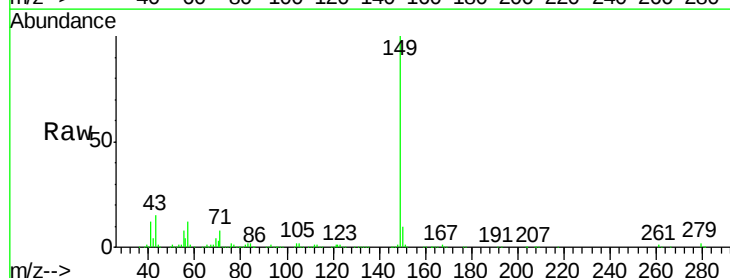
Manual Integrations
 APPROVED

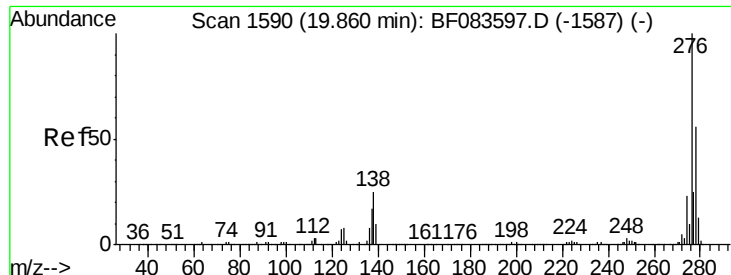
MMdadoda
 12/11/2015 6:01:32 PM



#84
 Di-n-octyl phthalate
 Concen: 42.71 ng
 RT: 17.78 min Scan# 1408
 Delta R.T. -0.08 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	13.0	0.0	0.0#





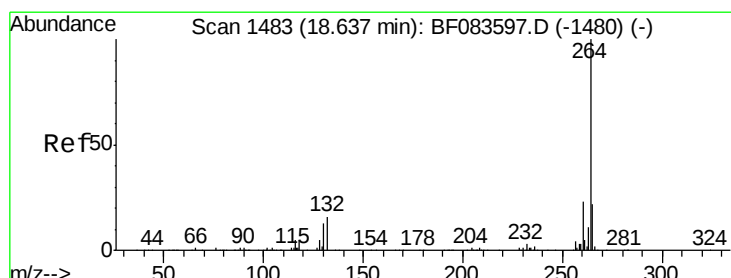
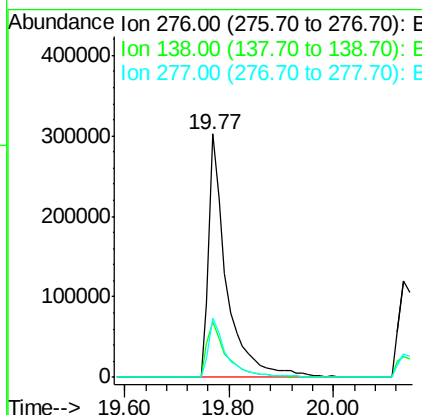
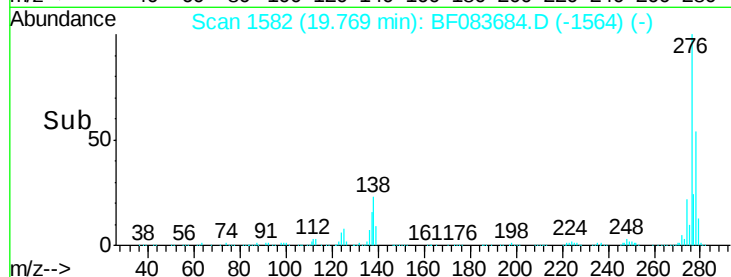
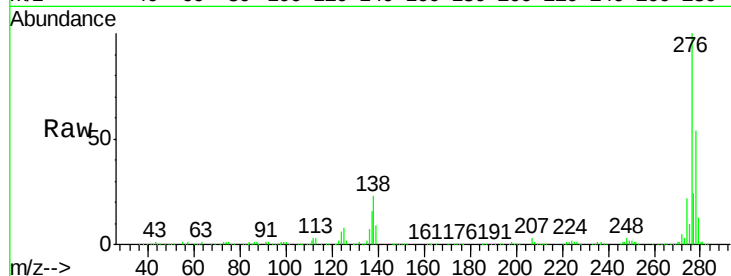
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.33 ng
RT: 19.77 min Scan# 1582
Delta R.T. -0.09 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	25.7	0.0	0.0#
277	24.9	0.0	0.0#

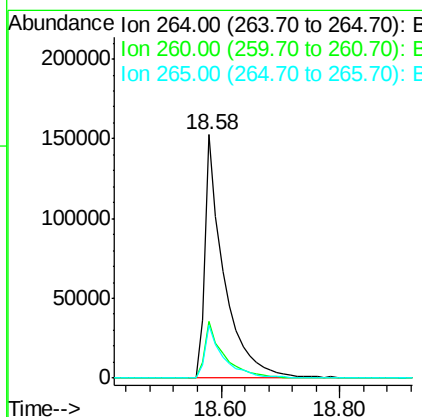
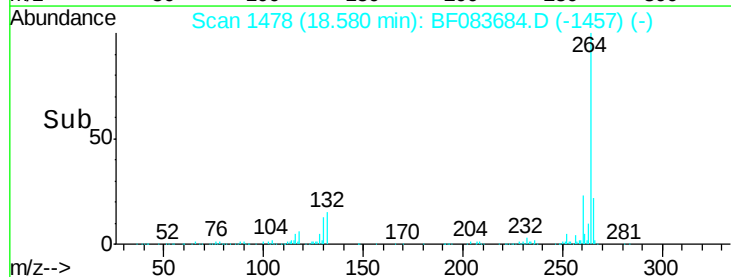
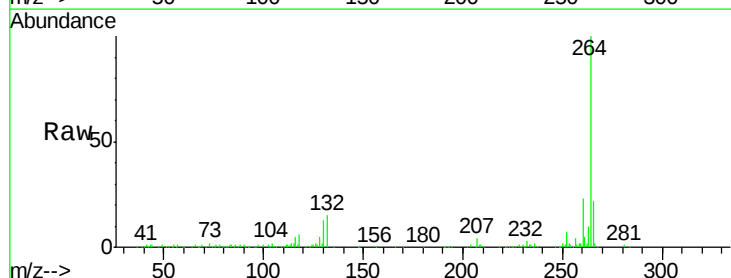
Manual Integrations
APPROVED

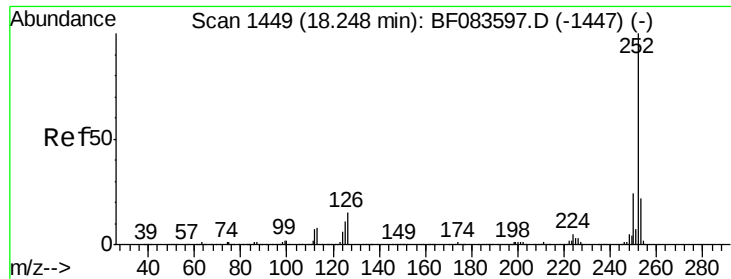
MMdadoda
12/11/2015 6:01:32 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.58 min Scan# 1478
Delta R.T. -0.06 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.5	17.8	26.6





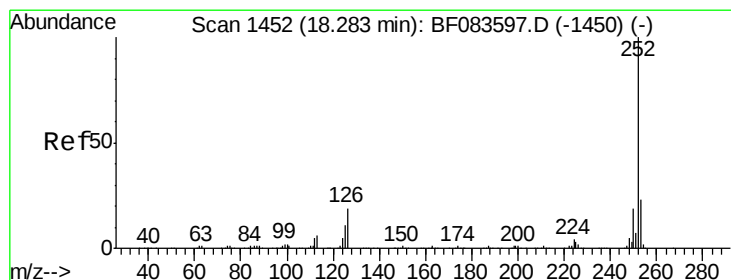
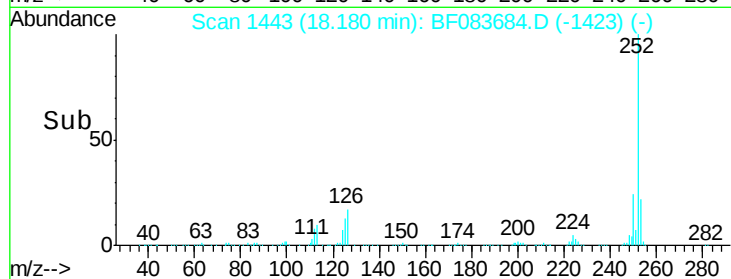
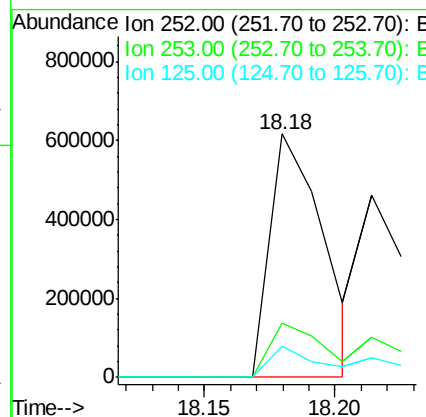
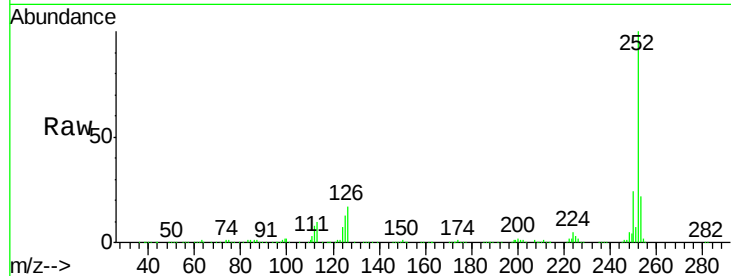
#87
Benzo(b)fluoranthene
Concen: 44.56 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.6	8.2	12.4#

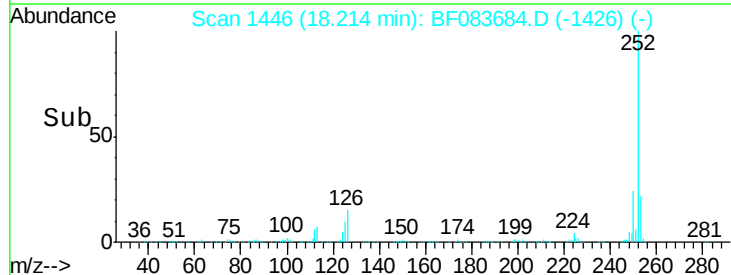
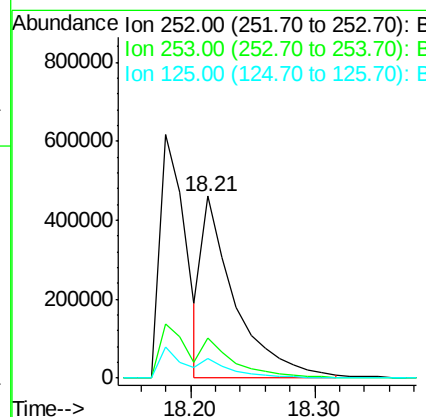
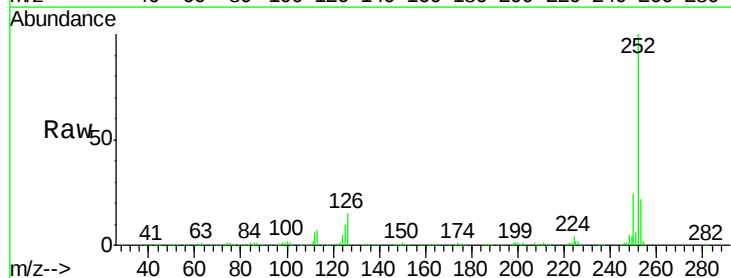
Manual Integrations
APPROVED

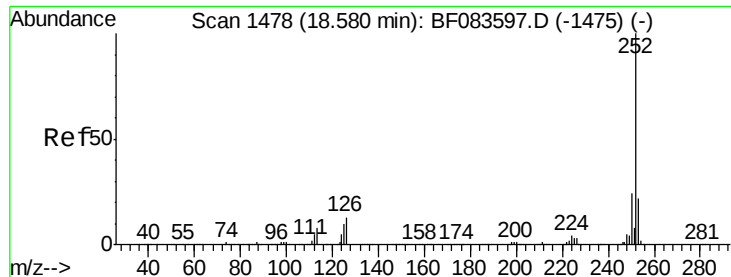
MMdadoda
12/11/2015 6:01:32 PM



#88
Benzo(k)fluoranthene
Concen: 39.62 ng m
RT: 18.21 min Scan# 1446
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	10.5	11.5	17.3#





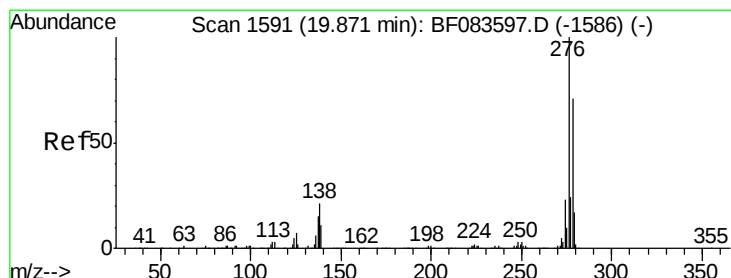
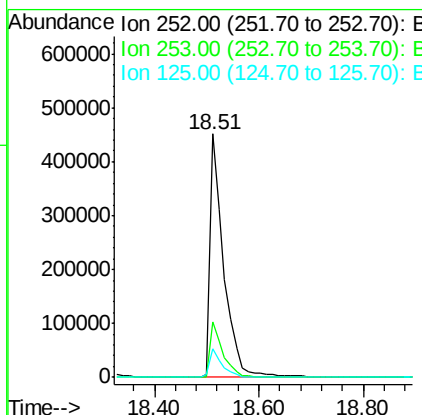
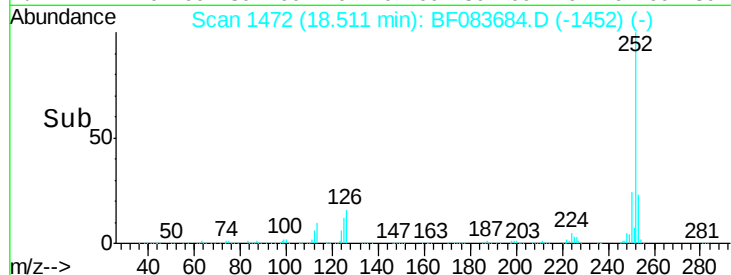
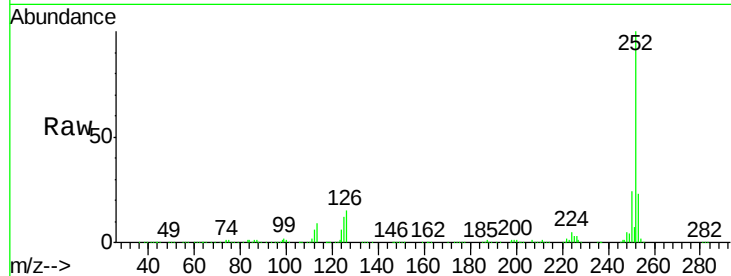
#89
Benzo(a)pyrene
Concen: 42.09 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.7	11.0	16.6

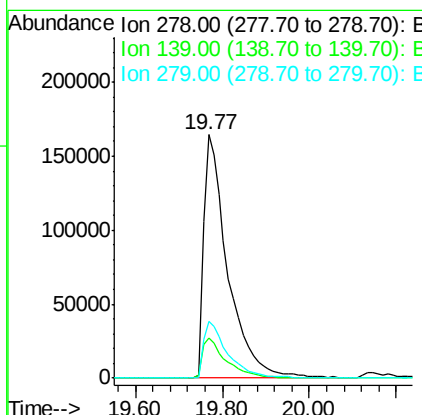
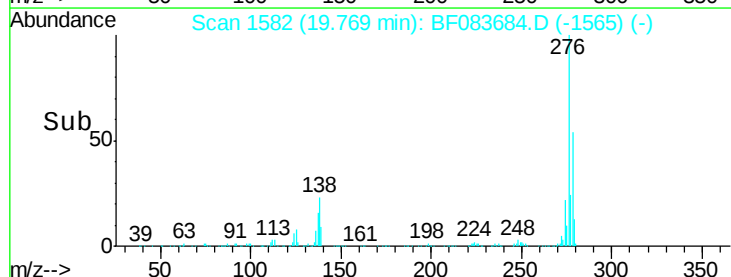
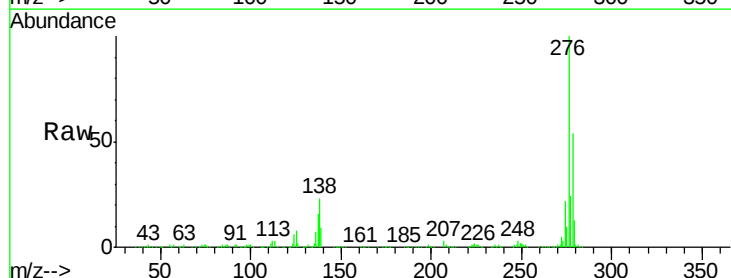
Manual Integrations
APPROVED

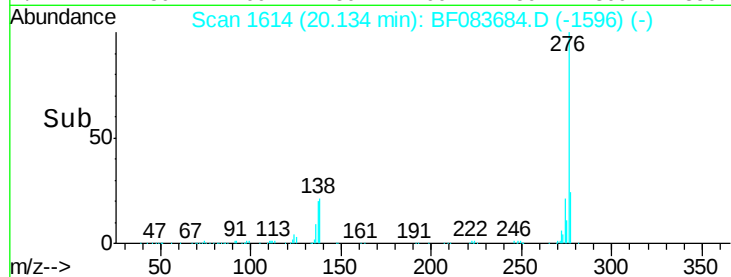
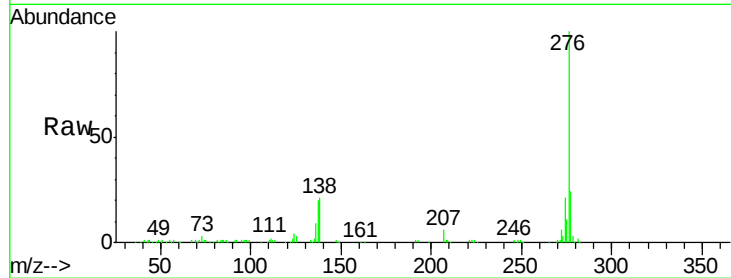
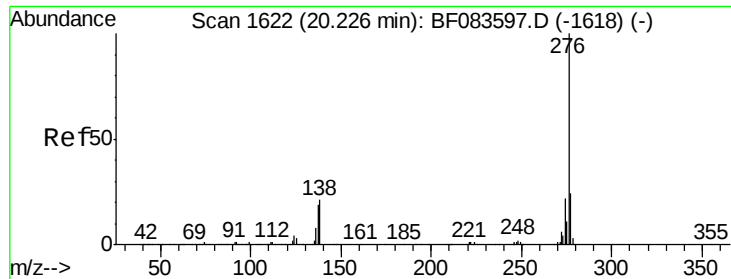
MMdadoda
12/11/2015 6:01:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.95 ng
RT: 19.77 min Scan# 1582
Delta R.T. -0.10 min
Lab File: BF083684.D
Acq: 10 Dec 2015 19:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.8	19.2
279	23.3	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 39.42 ng
 RT: 20.13 min Scan# 1614
 Delta R.T. -0.09 min
 Lab File: BF083684.D
 Acq: 10 Dec 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.3	19.5	29.3

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:32 PM

