

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084414.D
 Acq On : 12 Jan 2016 17:08
 Operator : SJ/UM
 Sample : PB87765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:29:38 PM

Quant Time: Jan 13 00:57:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	286909	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1192783	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	511189	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	946711	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	769902	20.00	ng	-0.06
86) Perylene-d12	15.43	264	516488	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1923750	108.45	ng	-0.03
7) Phenol-d6	6.49	99	2702550	121.31	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1709431	79.76	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	672373	130.28	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2471588	85.06	ng	-0.06
78) Terphenyl-d14	12.96	244	2311209	67.01	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	300485	35.76	ng	# 82
3) Pyridine	3.21	79	987366	42.15	ng	# 79
4) n-Nitrosodimethylamine	3.16	42	409780	34.08	ng	# 96
6) Aniline	6.51	93	247729	7.60	ng	# 17
8) 2-Chlorophenol	6.64	128	787300	39.12	ng	92
9) Benzaldehyde	6.38	77	167309	11.53	ng	97
10) Phenol	6.51	94	842722	33.27	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	735226	37.47	ng	# 80
12) 1,3-Dichlorobenzene	6.78	146	817014	39.35	ng	97
13) 1,4-Dichlorobenzene	6.86	146	801810m	38.51	ng	
14) 1,2-Dichlorobenzene	7.01	146	752160	37.73	ng	99
15) Benzyl Alcohol	6.99	79	627998	33.51	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1240947	34.73	ng	86
17) 2-Methylphenol	7.12	107	653964	38.77	ng	95
18) Hexachloroethane	7.36	117	315045	37.84	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	566660	37.58	ng	# 80
20) 3+4-Methylphenols	7.26	107	790275	39.86	ng	# 79
22) Acetophenone	7.25	105	1029043	35.88	ng	97
24) Nitrobenzene	7.42	77	768523	35.36	ng	94
25) Isophorone	7.66	82	1514186	36.94	ng	96
26) 2-Nitrophenol	7.74	139	400958	40.53	ng	# 84
27) 2,4-Dimethylphenol	7.79	122	723775	36.14	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	937430	37.44	ng	99
29) 2,4-Dichlorophenol	8.00	162	687953	41.24	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	672768	39.07	ng	# 92
31) Naphthalene	8.16	128	2221869	41.06	ng	100
32) Benzoic acid	7.92	122	398667	33.17	ng	98
33) 4-Chloroaniline	8.20	127	94573	3.81	ng	95
34) Hexachlorobutadiene	8.27	225	354137	35.78	ng	98
35) Caprolactam	8.57	113	224537m	39.93	ng	
36) 4-Chloro-3-methylphenol	8.69	107	723841	38.74	ng	93
37) 2-Methylnaphthalene	8.84	142	1403082	36.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	624913	42.52	ng	99
40) Hexachlorocyclopentadiene	9.00	237	674067	75.98	ng	99

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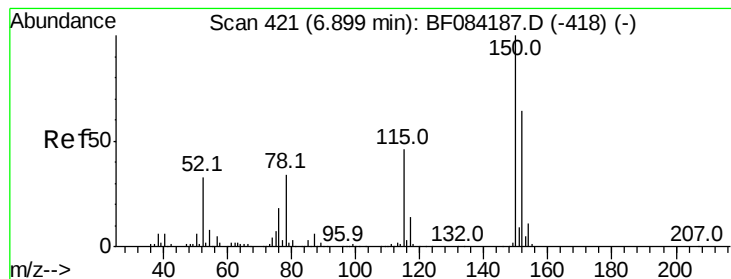
Manual Integrations
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 1/13/2016 3:29:38 PM

Quant Time: Jan 13 00:57:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	459676	41.81	nq	95
43) 2,4,5-Trichlorophenol	9.17	196	458552	43.51	nq #	90
45) 1,1'-Biphenyl	9.31	154	1784536	43.92	nq	99
46) 2-Chloronaphthalene	9.33	162	1317851	41.30	nq	94
47) 2-Nitroaniline	9.44	65	434227	41.23	nq #	63
48) Acenaphthylene	9.74	152	1945429	41.26	nq	97
49) Dimethylphthalate	9.62	163	1641302	44.91	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	380752	47.50	nq #	82
51) Acenaphthene	9.92	154	1439171	45.51	nq	98
52) 3-Nitroaniline	9.84	138	49550	4.99	nq	94
53) 2,4-Dinitrophenol	9.95	184	367315	106.35	nq #	86
54) Dibenzofuran	10.09	168	1774258	43.20	nq	91
55) 4-Nitrophenol	10.02	139	500167	69.38	nq #	77
56) 2,4-Dinitrotoluene	10.08	165	425926	41.99	nq #	86
57) Fluorene	10.43	166	1290867	40.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	379851	42.21	nq	91
59) Diethylphthalate	10.32	149	1558206	43.25	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	667304	50.99	nq	92
61) 4-Nitroaniline	10.45	138	260533	29.43	nq	86
62) Azobenzene	10.59	77	1721085	43.55	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	267727	46.57	nq	81
65) n-Nitrosodiphenylamine	10.54	169	1028124	33.97	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	440921	43.27	nq	96
67) Hexachlorobenzene	10.98	284	434667	37.90	nq #	84
68) Atrazine	11.08	200	271685	27.43	nq	89
69) Pentachlorophenol	11.18	266	446051	75.01	nq	99
70) Phenanthrene	11.39	178	2044728	41.29	nq	96
71) Anthracene	11.45	178	2160906	44.51	nq	96
72) Carbazole	11.61	167	1520111	32.03	nq	97
73) Di-n-butylphthalate	11.94	149	2361647	47.48	nq #	96
74) Fluoranthene	12.58	202	2004684	38.75	nq	96
76) Benzidine	12.70	184	64967	2.35	nq	98
77) Pyrene	12.81	202	2061243	34.12	nq	97
79) Butylbenzylphthalate	13.44	149	1037107	39.67	nq #	95
80) Benzo(a)anthracene	14.00	228	1655973	36.63	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	124352	7.88	nq #	99
82) Chrysene	14.03	228	1518596	34.96	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	1150403	34.83	nq #	95
84) Di-n-octyl phthalate	14.60	149	1883022	33.77	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.82	276	1372938	39.87	nq	97
87) Benzo(b)fluoranthene	15.03	252	1484336m	43.93	nq	
88) Benzo(k)fluoranthene	15.05	252	1309872m	47.40	nq	
89) Benzo(a)pyrene	15.37	252	1272269	44.40	nq #	93
90) Dibenzo(a,h)anthracene	16.84	278	1137726	46.14	nq	98
91) Benzo(g,h,i)perylene	17.24	276	1186301	46.45	nq	97

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



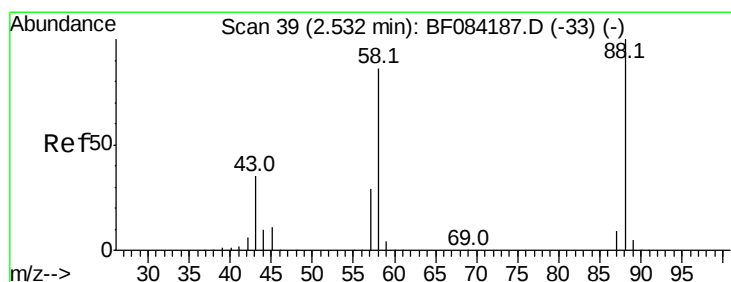
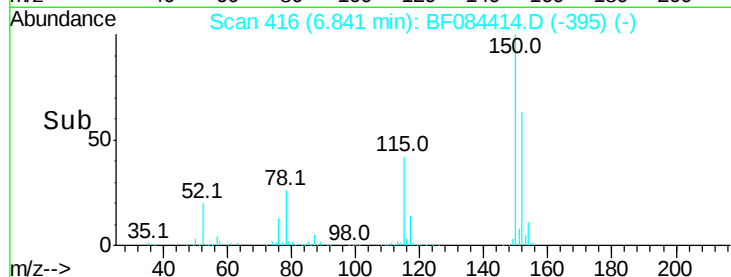
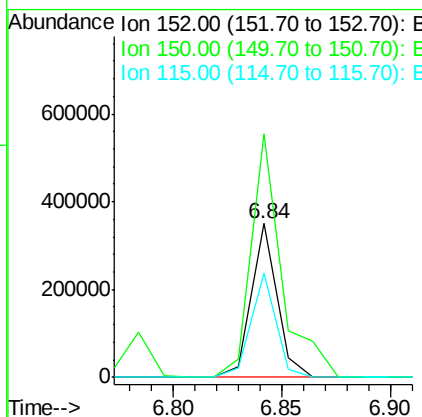
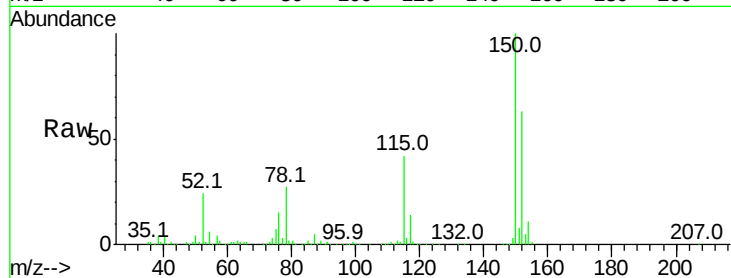
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.0	184.4
115	67.3	51.4	77.2

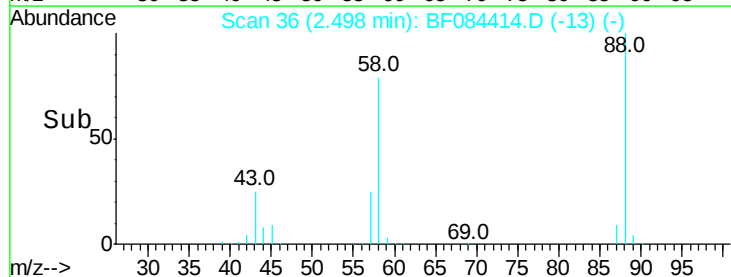
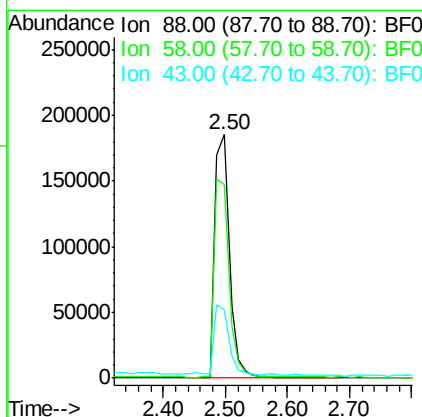
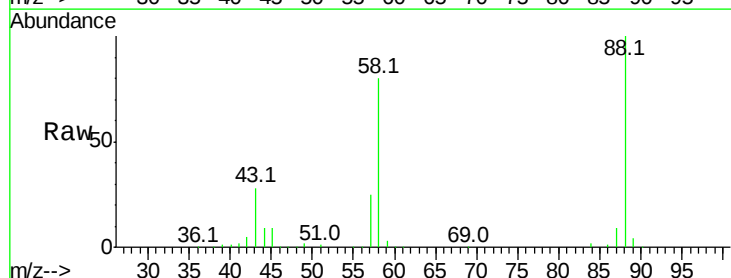
Manual Integrations
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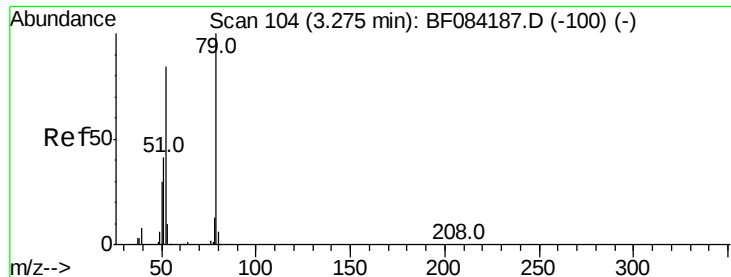
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#2
 1,4-Dioxane
 Concen: 35.76 ng
 RT: 2.50 min Scan# 36
 Delta R.T. -0.03 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	51.2	76.8#
43	28.2	19.5	29.3





#3

Pvridine

Concen: 42.15 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

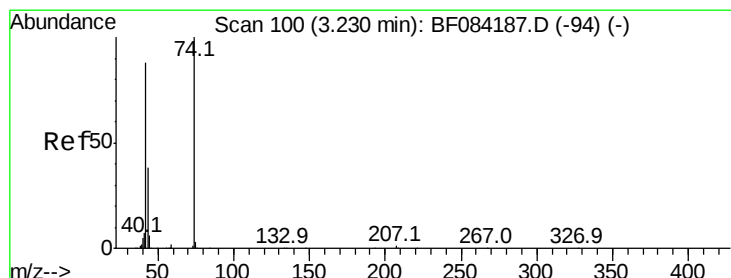
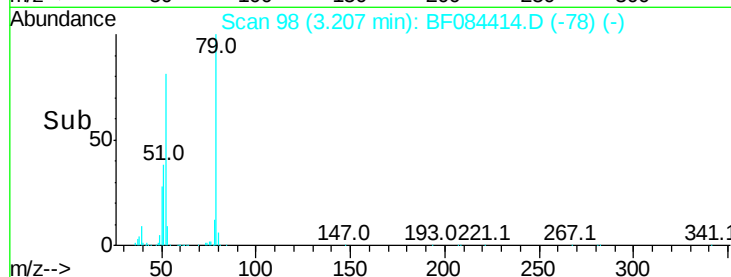
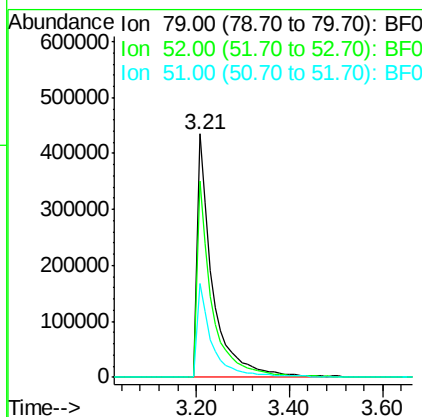
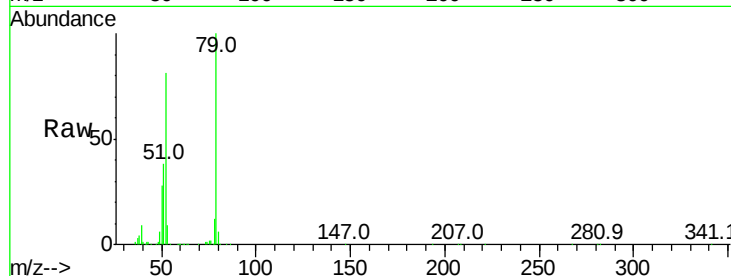
ClientSampleId :

PB87765BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
79	100		
52	80.7	49.0	73.4#
51	38.5	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 34.08 ng

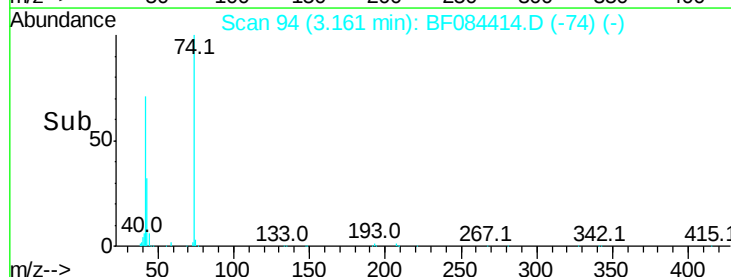
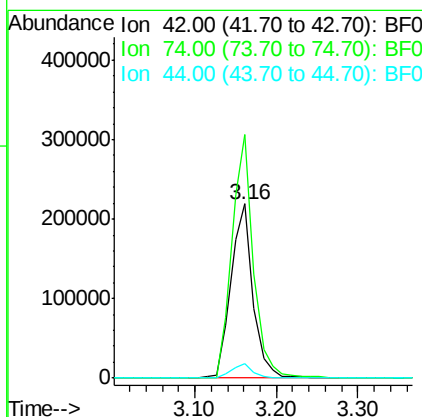
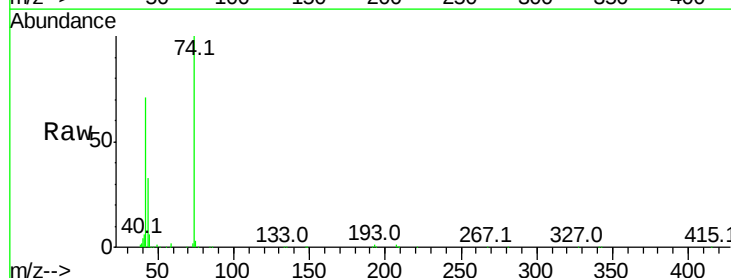
RT: 3.16 min Scan# 94

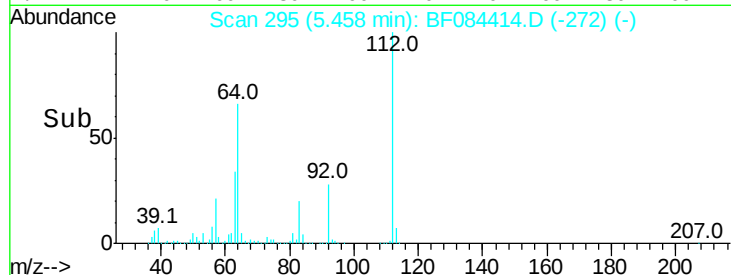
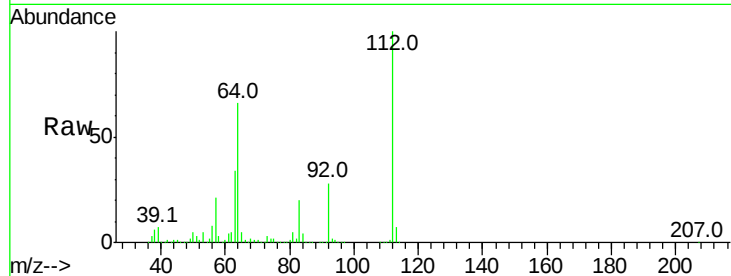
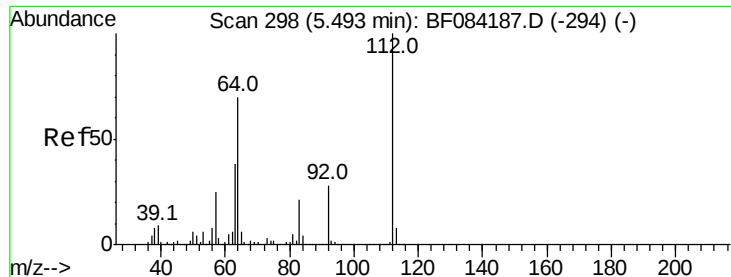
Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.0	115.7	173.5
44	8.1	5.1	7.7#





#5

2-Fluorophenol

Concen: 108.45 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:112 Resp: 1923750

Ion Ratio Lower Upper

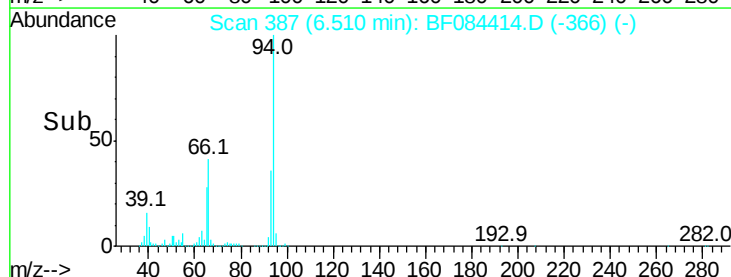
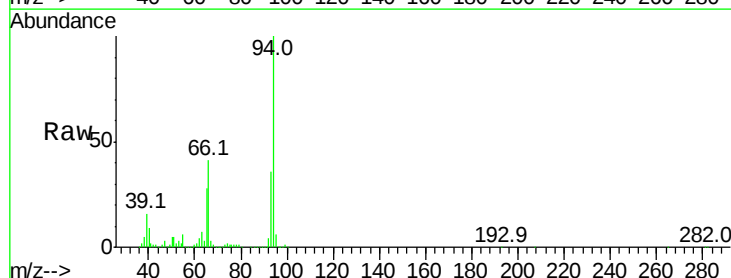
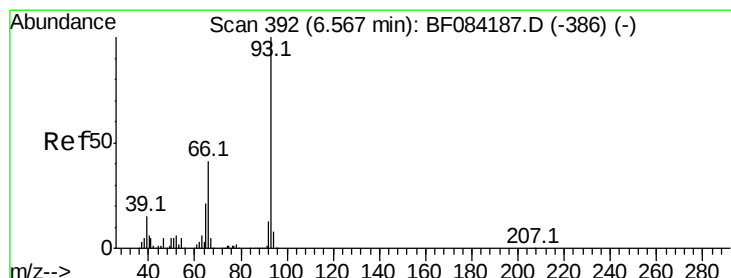
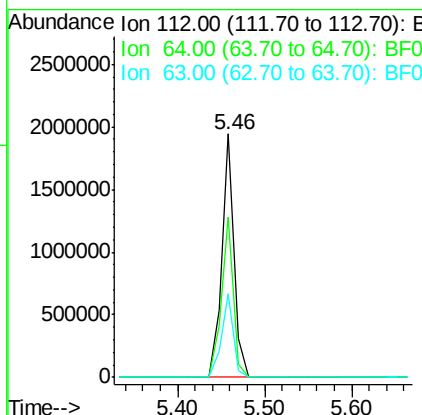
112 100

64 65.7 36.6 55.0#

63 34.2 19.4 29.0#

Manual Integrations
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#6

Aniline

Concen: 7.60 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

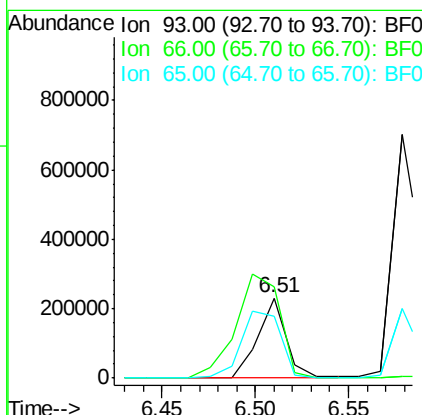
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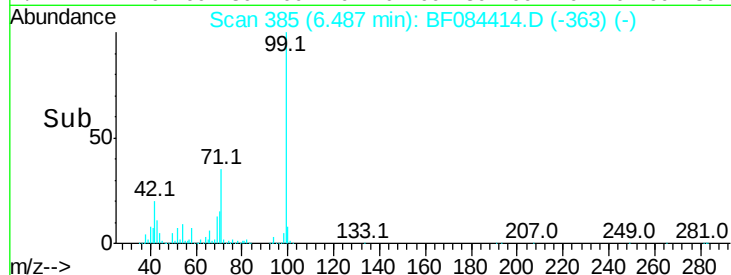
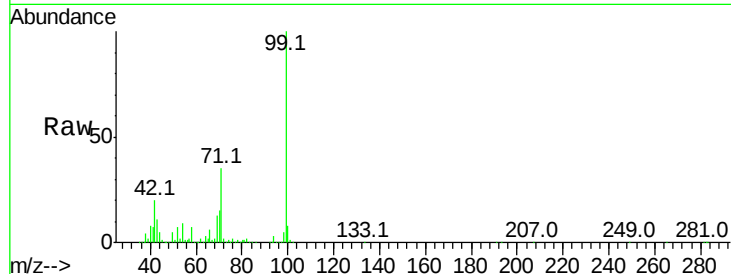
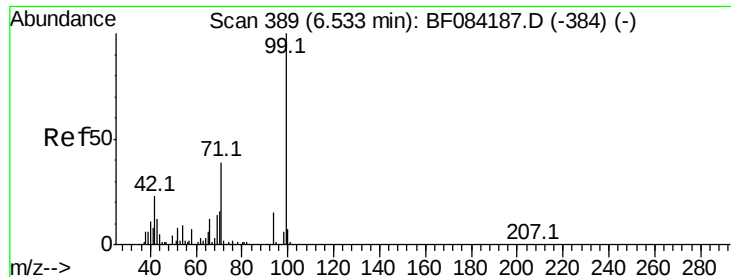
Ion Ratio Lower Upper

93 100

66 114.0 44.9 67.3#

65 77.4 23.7 35.5#





#7

Phenol-d6

Concen: 121.31 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tot Ion:	99	Resp:	2702550
Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	35.2	30.9	46.3

Instrument :

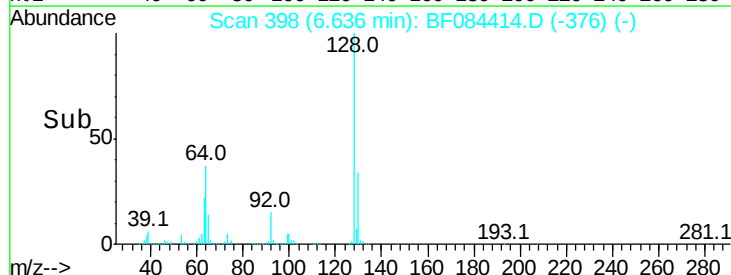
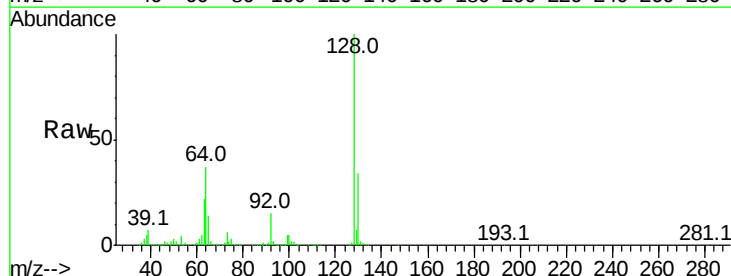
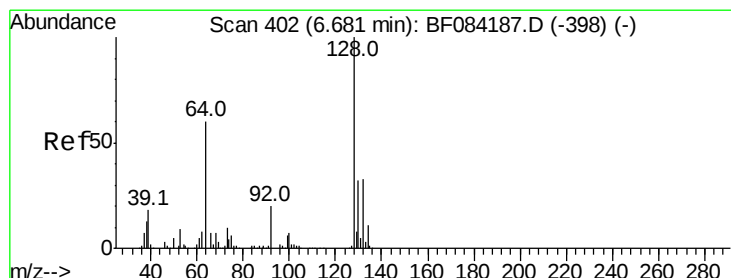
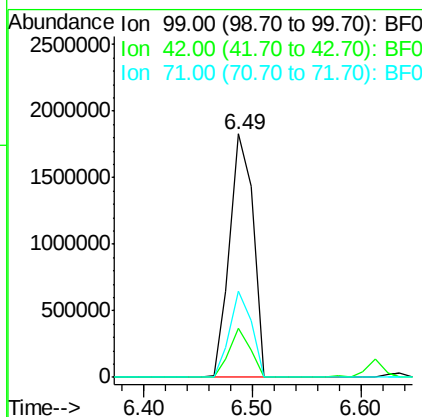
BNA_F

ClientSampleId :

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Manual Integrations
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#8

2-Chlorophenol

Concen: 39.12 ng

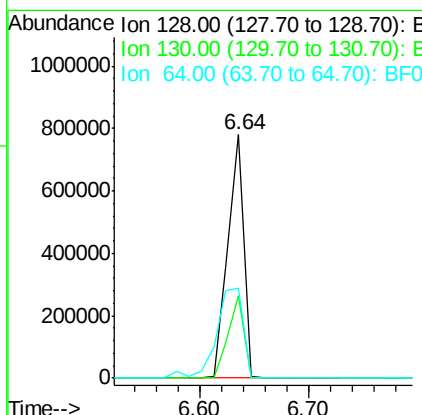
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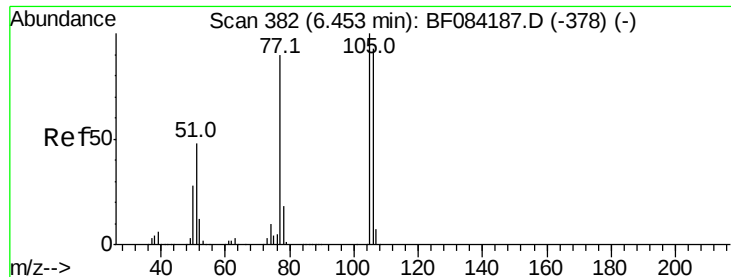
Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion:	128	Resp:	787300
Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.6	51.6
64	36.9	23.8	63.8





#9

Benzaldehyde

Concen: 11.53 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

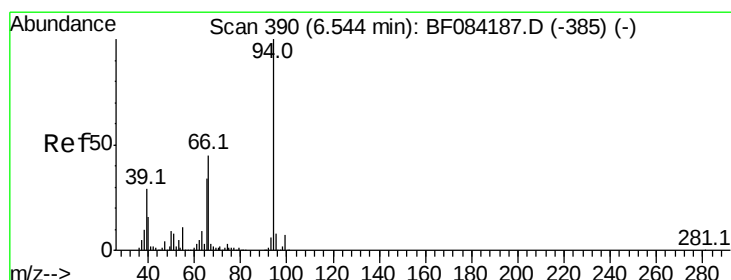
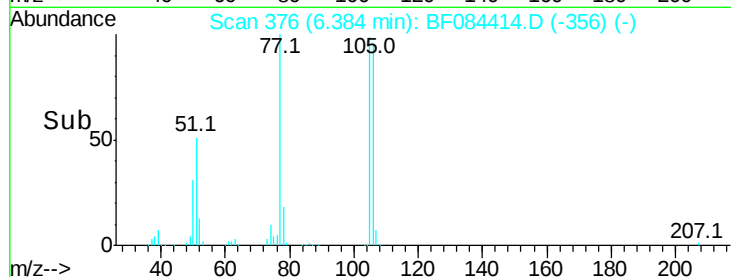
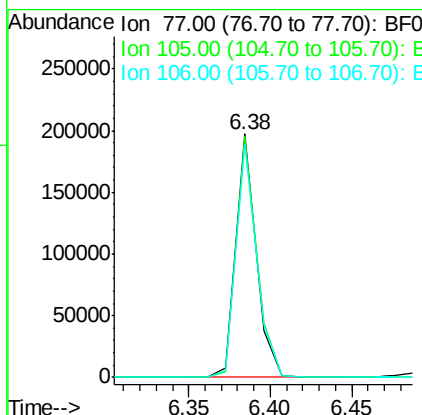
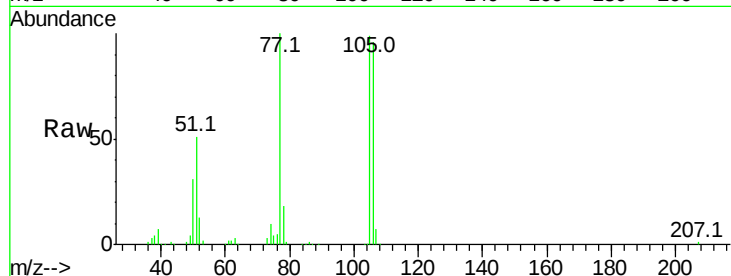
ClientSampled :

PB87765BS

Manual Integrations
APPROVED

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1/13/2016 3:29:38 PM

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.0	123.0
106	96.1	74.6	114.6



#10

Phenol

Concen: 33.27 ng

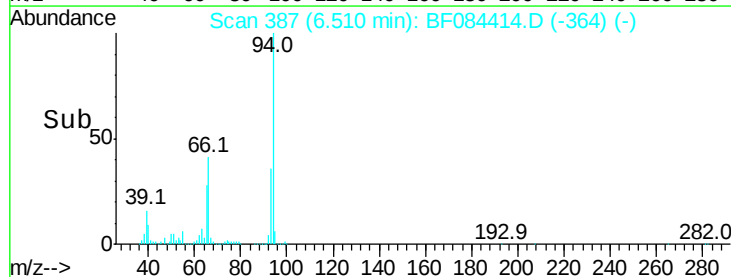
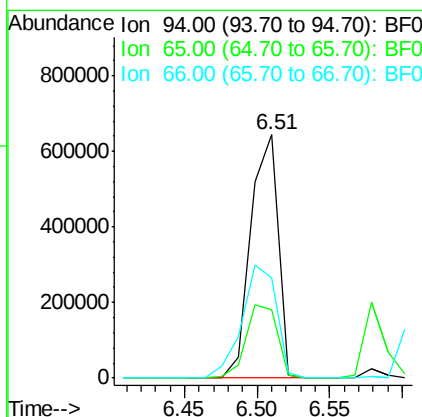
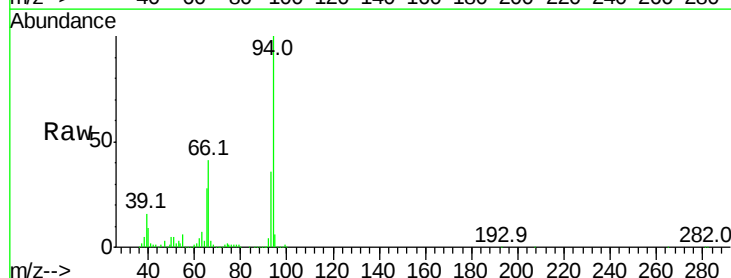
RT: 6.51 min Scan# 387

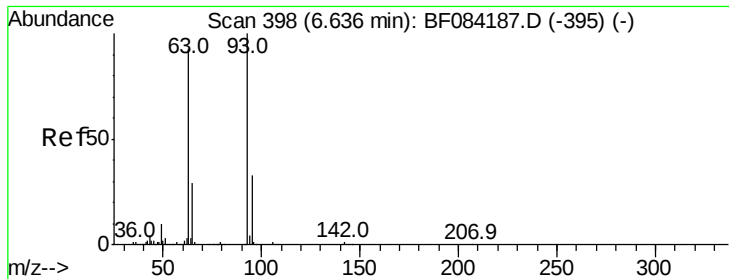
Delta R.T. -0.03 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	12.9	52.9
66	40.9	32.7	72.7





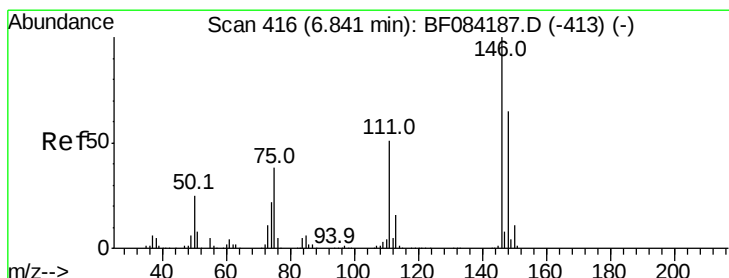
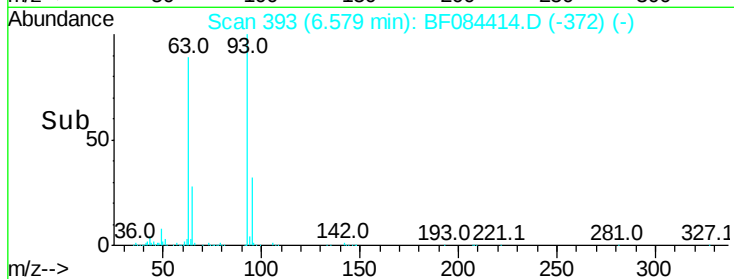
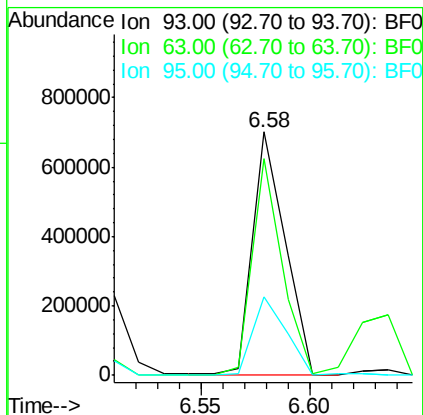
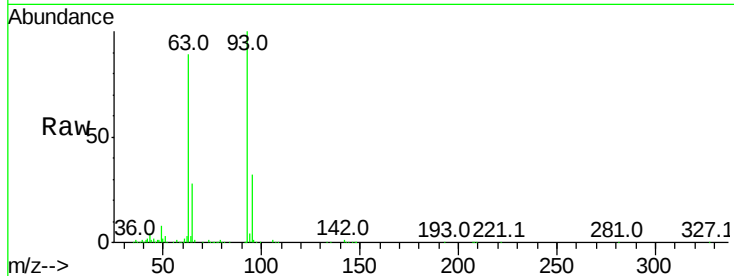
#11
bis(2-Chloroethyl)ether
Concen: 37.47 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	45.9	85.9#
95	32.5	12.3	52.3

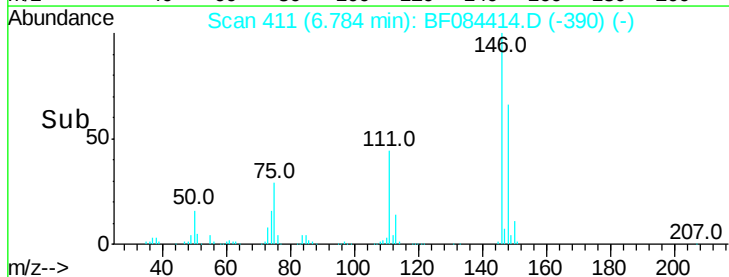
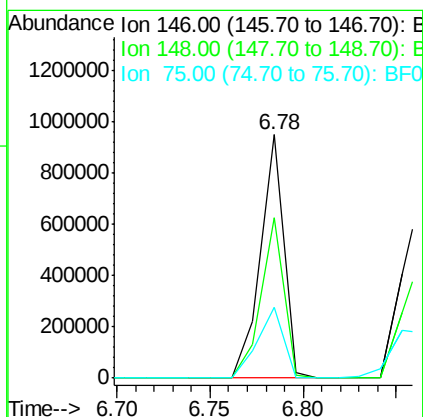
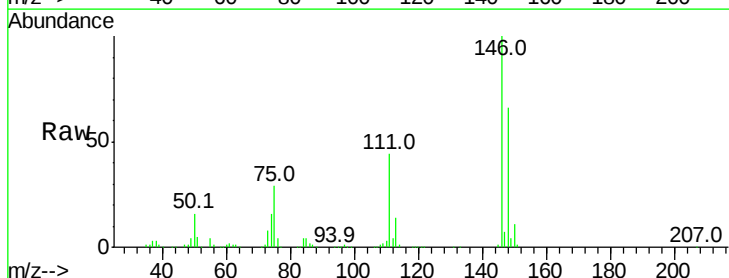
Manual Integrations
APPROVED

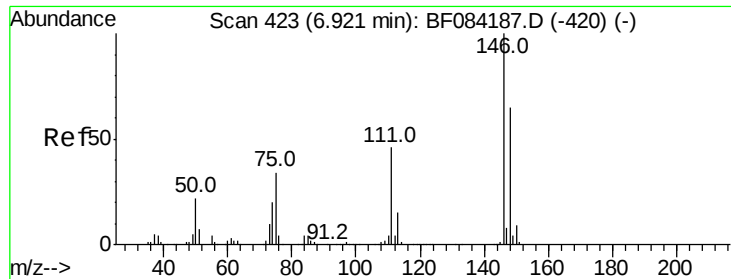
MMdadoda
1/13/2016 3:29:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.35 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
75	28.9	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 38.51 ng/mL

RT: 6.86 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

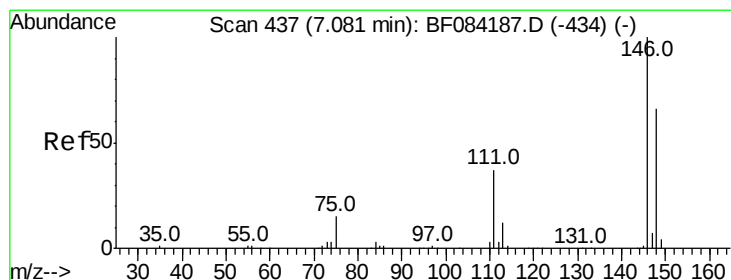
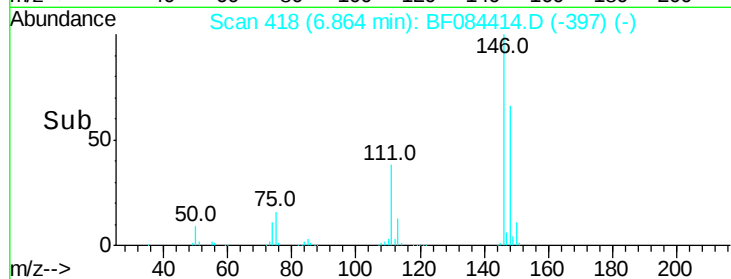
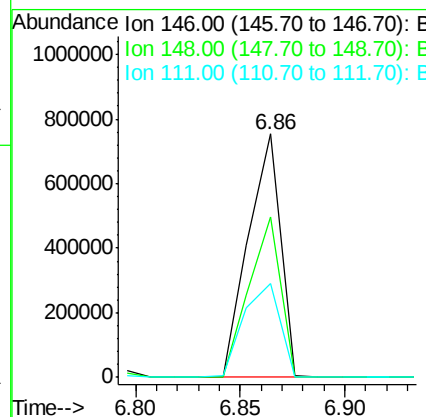
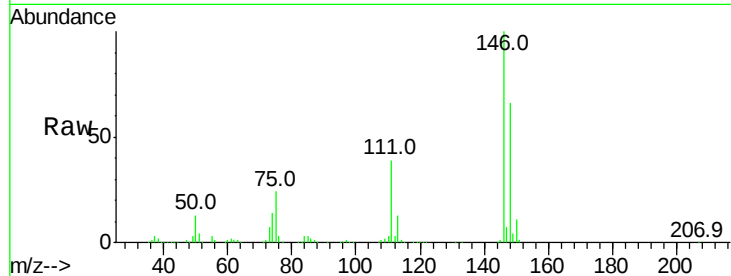
ClientSampleID :

PB87765BS

Manual Integrations
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Tot Ion:	146	Resp:	801810
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
111	38.6	41.6	62.4#



#14

1,2-Dichlorobenzene

Concen: 37.73 ng/mL

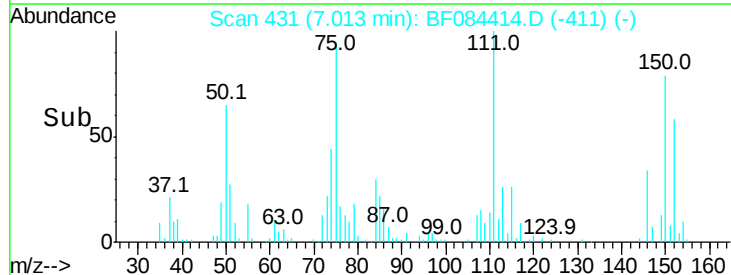
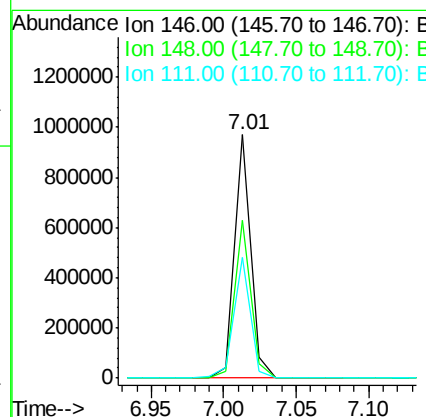
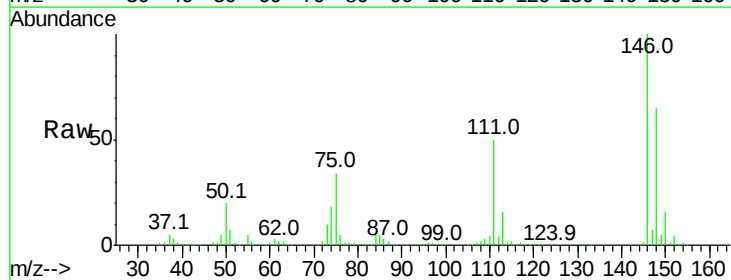
RT: 7.01 min Scan# 431

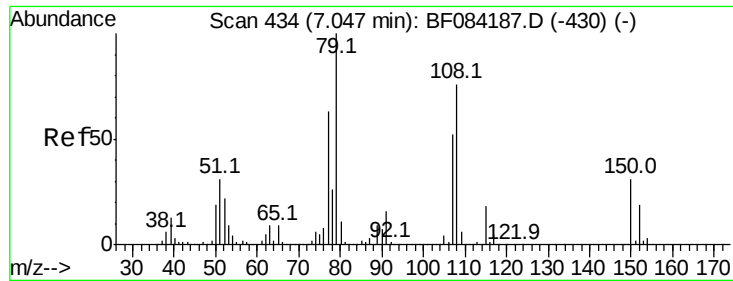
Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion:	146	Resp:	752160
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.6	77.4
111	49.6	38.0	57.0





#15

Benzyl Alcohol

Concen: 33.51 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion: 79 Resp: 627998

Ion Ratio Lower Upper

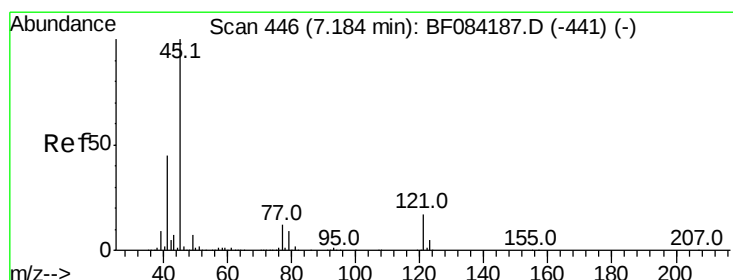
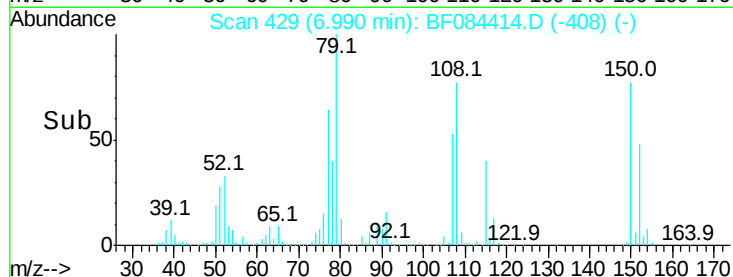
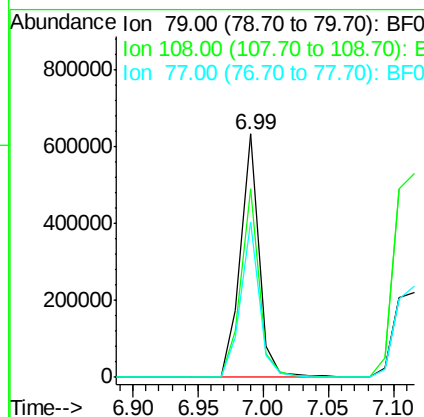
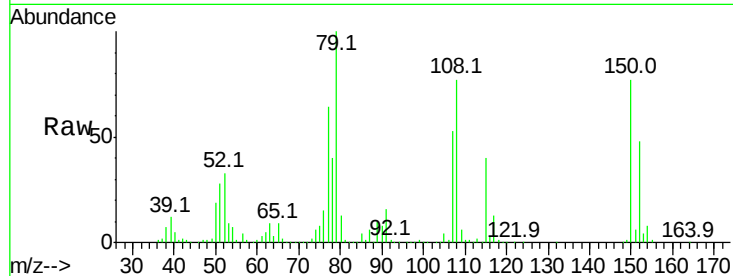
79 100

108 77.2 69.0 103.4

77 64.0 50.0 75.0

Manual Integrations
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1/13/2016 3:29:38 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.73 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

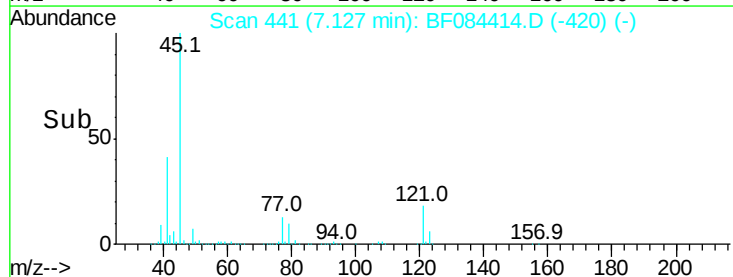
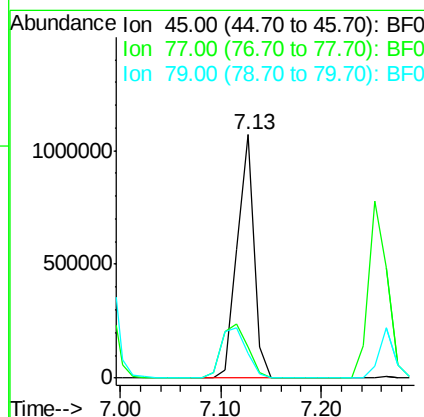
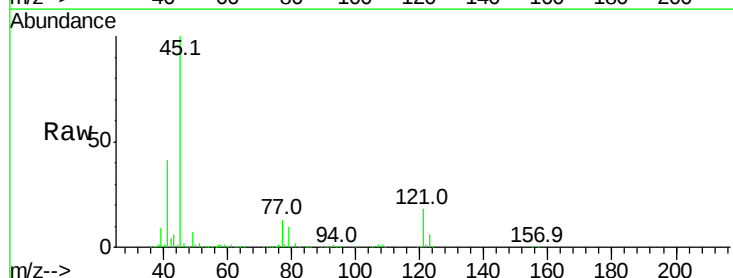
Tgt Ion: 45 Resp: 1240947

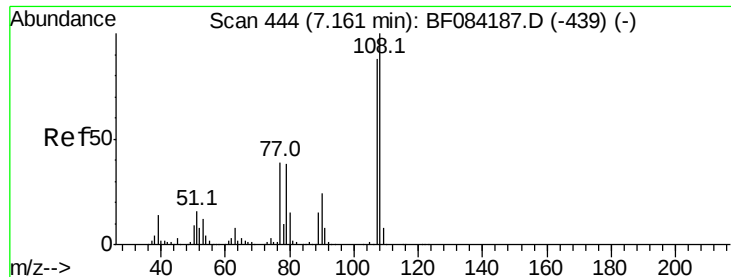
Ion Ratio Lower Upper

45 100

77 12.8 0.0 39.6

79 10.0 0.0 35.0





#17

2-Methylphenol

Concen: 38.77 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF084414.D

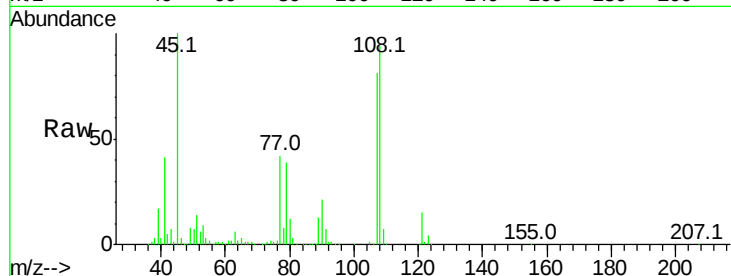
Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS



Tot Ion:107 Resp: 653964

Ion Ratio Lower Upper

107 100

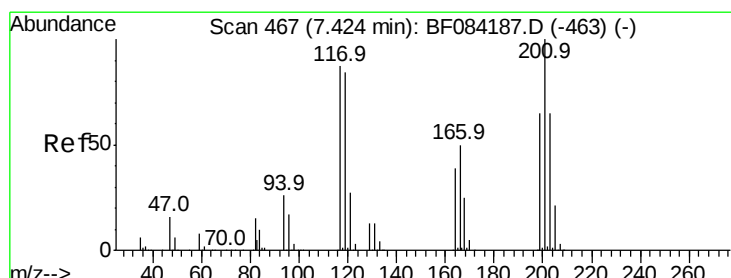
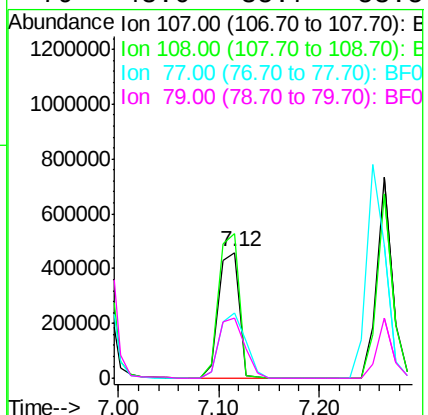
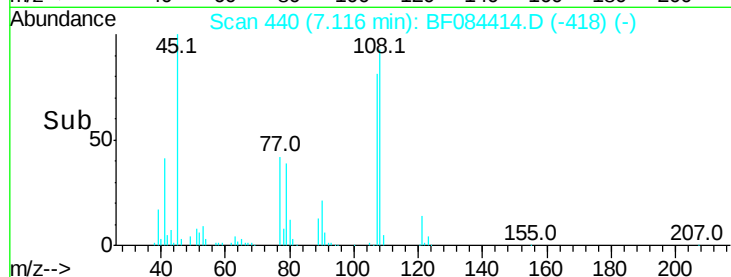
108 115.1 89.8 134.6

77 51.8 35.7 53.5

79 48.0 35.7 53.5

Manual Integrations
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MMdadoda
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#18

Hexachloroethane

Concen: 37.84 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

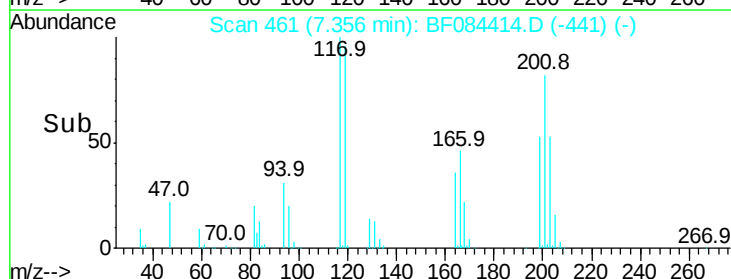
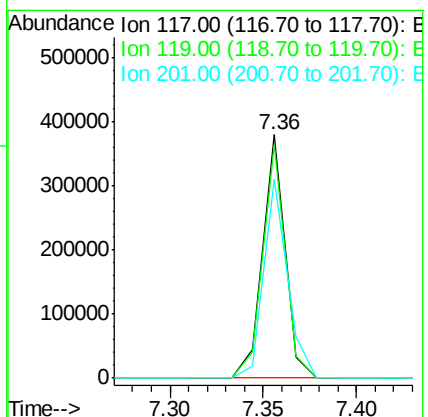
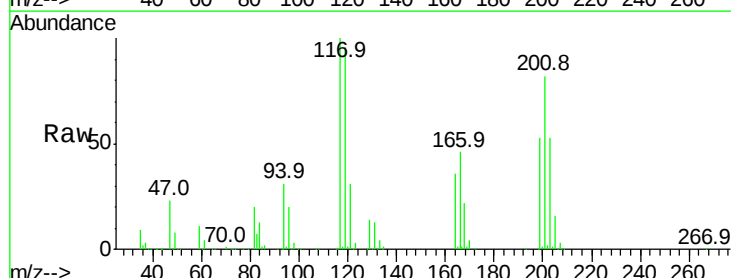
Tgt Ion:117 Resp: 315045

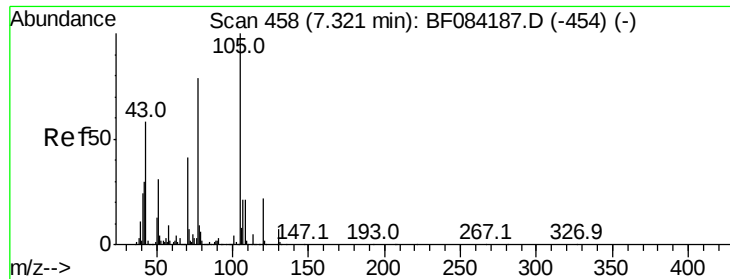
Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

201 81.8 68.6 103.0





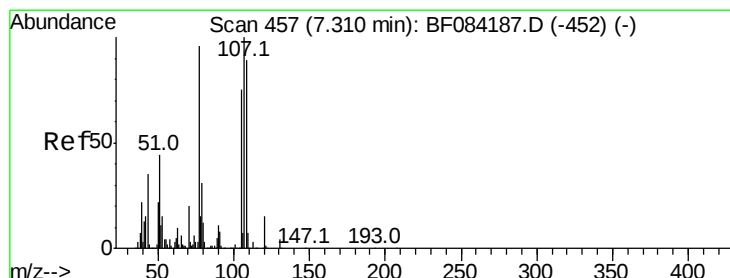
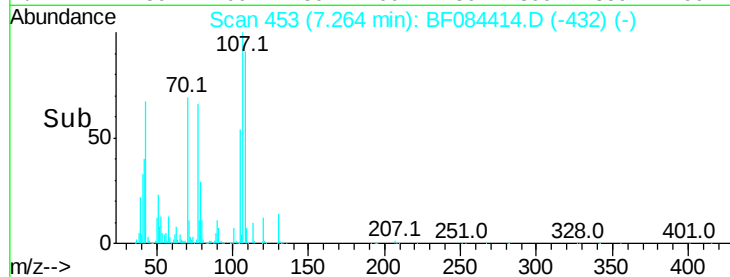
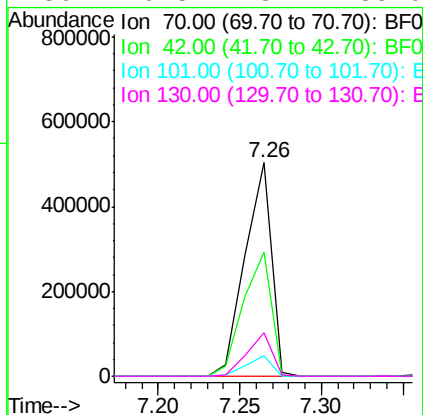
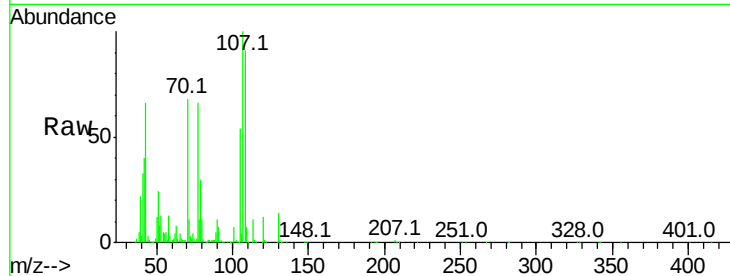
#19
n-Nitroso-di-n-propylamine
Concen: 37.58 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	33.3	49.9#
101	9.5	9.3	13.9
130	20.5	23.4	35.0#

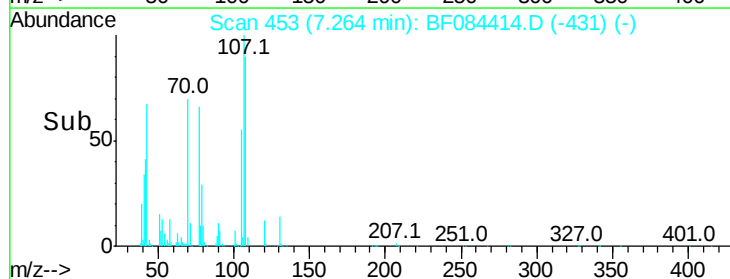
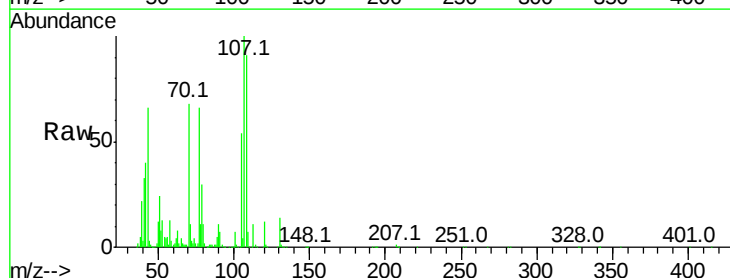
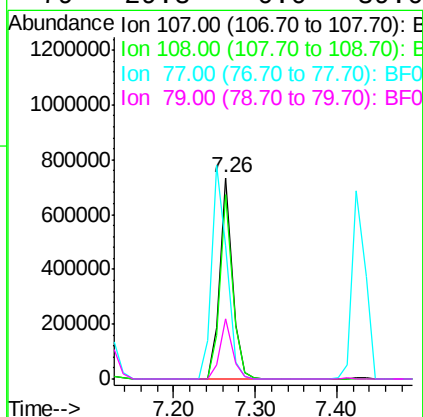
Manual Integrations
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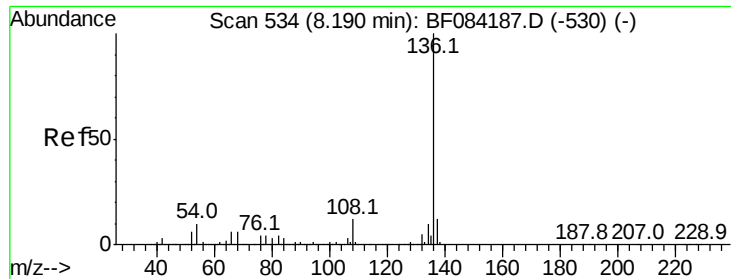
MMdadoda
1/13/2016 3:29:38 PM



#20
3+4-Methylphenols
Concen: 39.86 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	74.6	114.6
77	66.3	0.7	40.7#
79	29.8	0.0	39.0





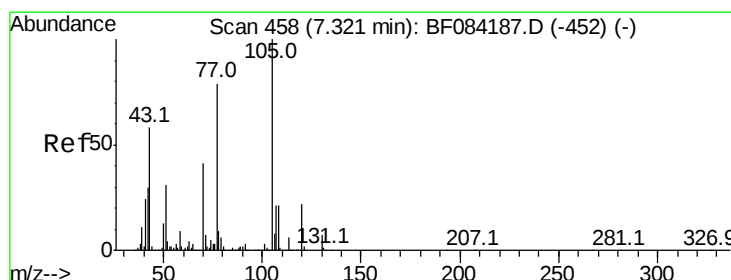
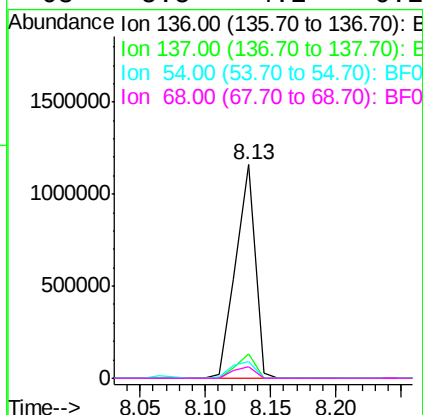
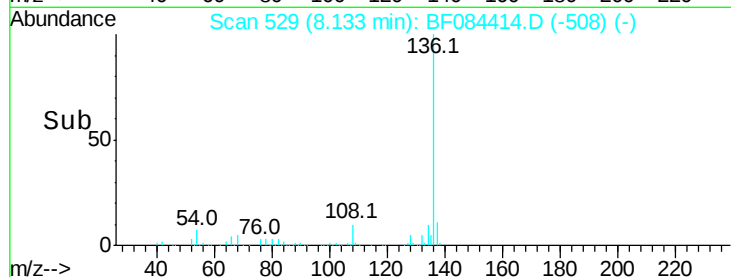
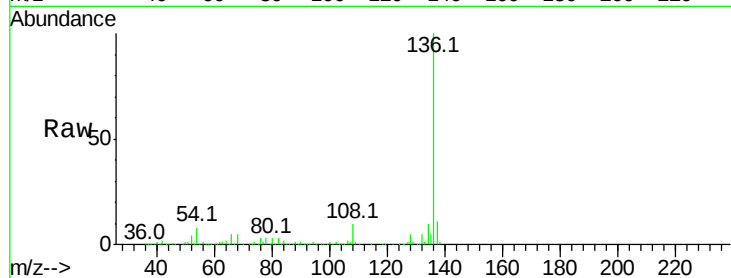
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1192783		
137	11.3		8.7	13.1
54	7.5		5.8	8.8
68	5.5		4.2	6.2

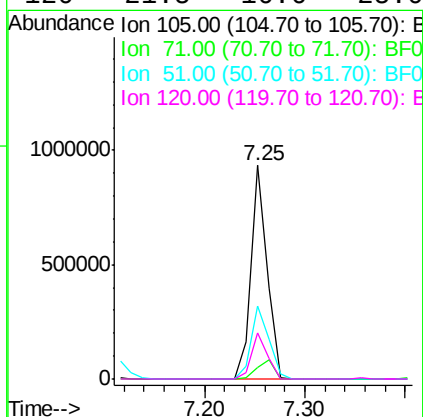
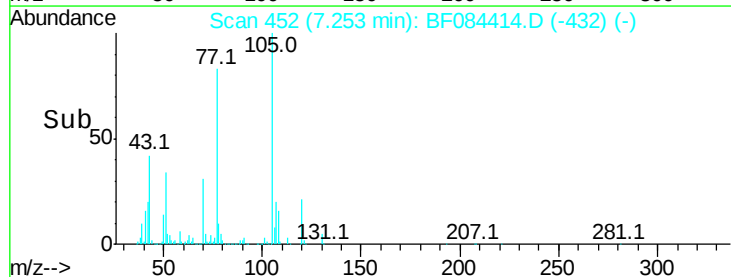
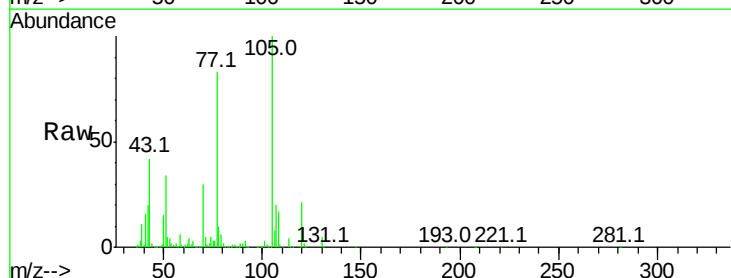
Manual Integrations
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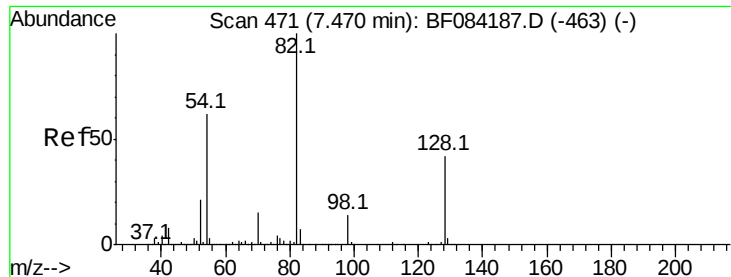
MMdadoda
1/13/2016 3:29:38 PM



#22
Acetophenone
Concen: 35.88 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1029043		
71	5.2		3.7	5.5
51	33.9		25.1	37.7
120	21.5		16.6	25.0





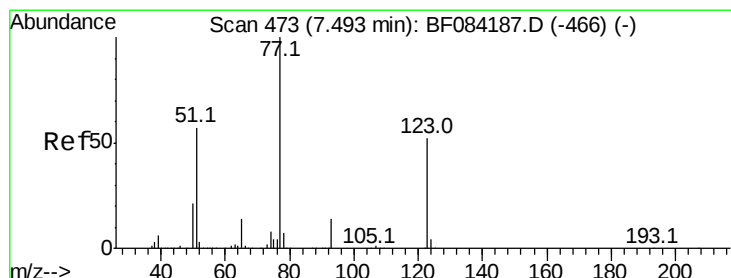
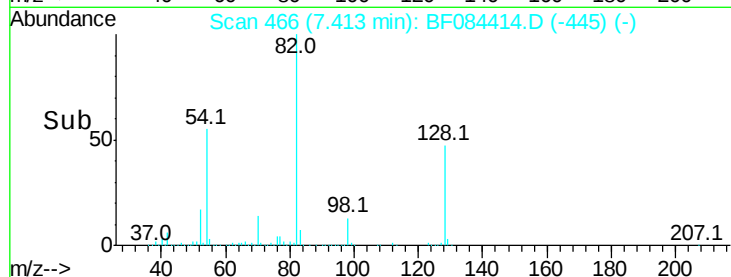
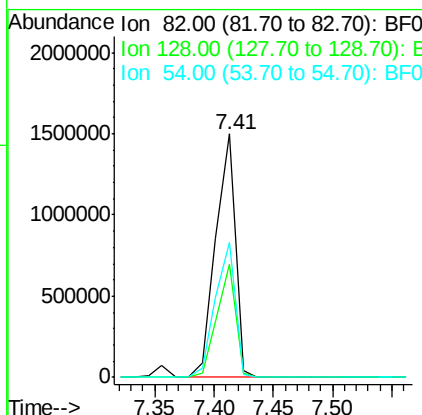
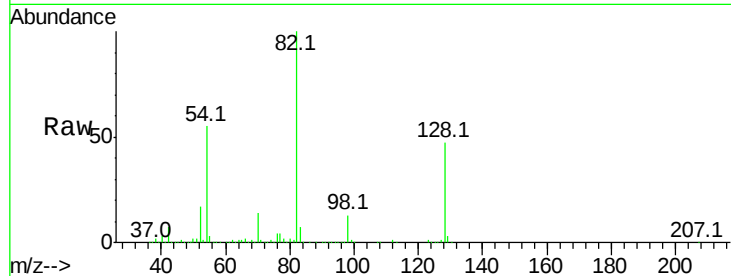
#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	55.2	38.4	57.6

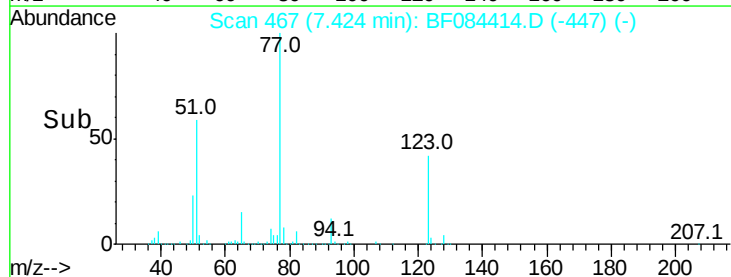
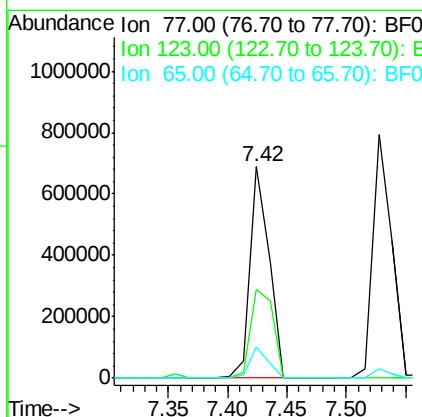
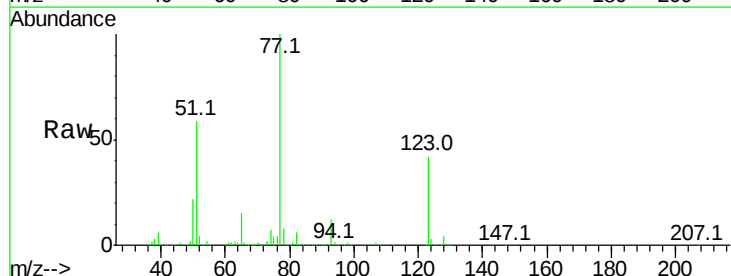
Manual Integrations
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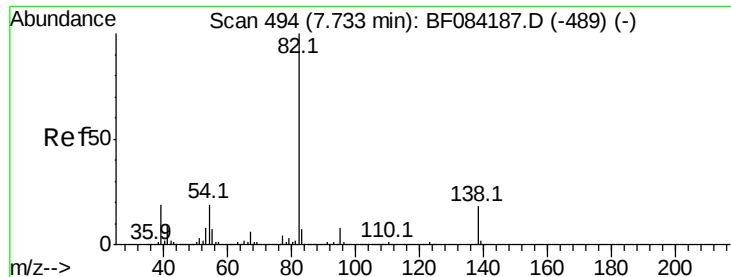
MMdadoda
 1/13/2016 3:29:38 PM



#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.07 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	37.4	56.2
65	14.6	10.9	16.3





#25

Isophorone

Concen: 36.94 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion: 82 Resp: 1514186

Ion Ratio Lower Upper

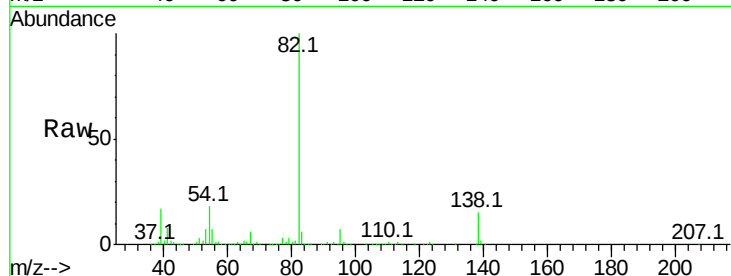
82 100

95 7.0 6.6 10.0

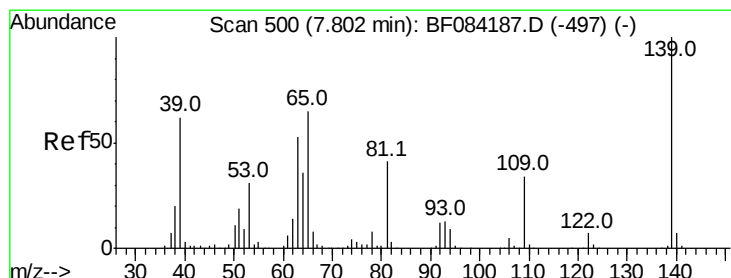
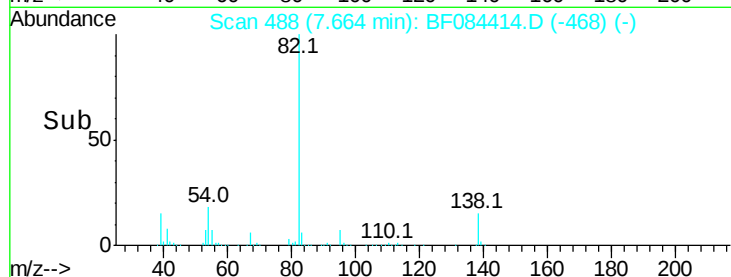
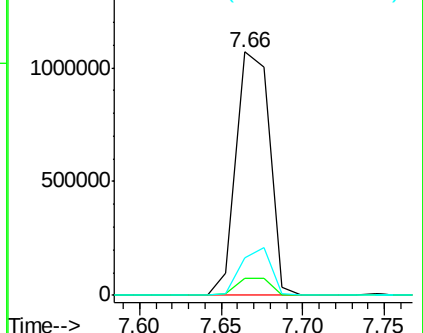
138 15.3 13.6 20.4

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:29:38 PM



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



#26

2-Nitrophenol

Concen: 40.53 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

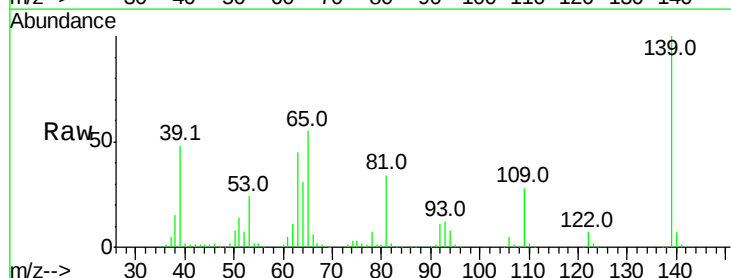
Tgt Ion: 139 Resp: 400958

Ion Ratio Lower Upper

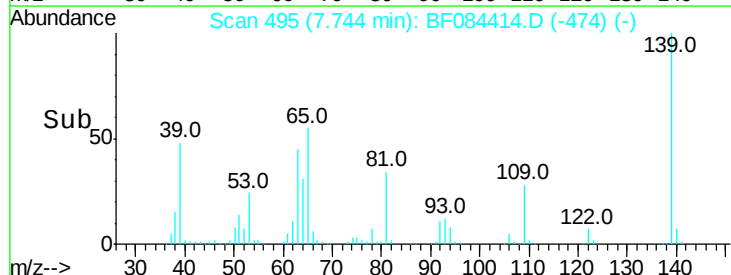
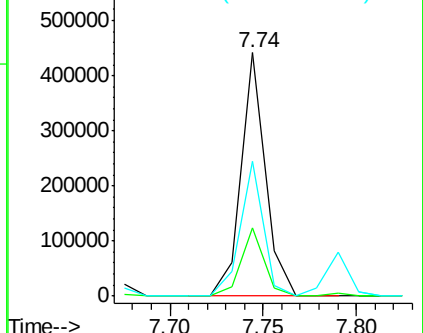
139 100

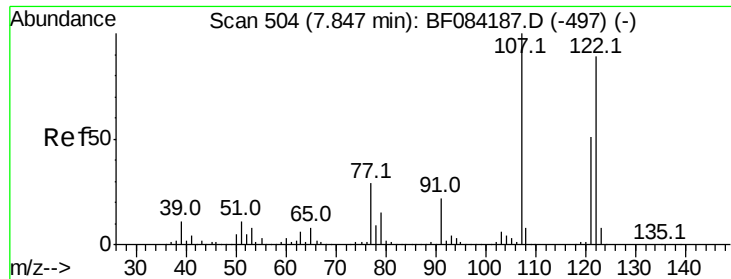
109 28.3 25.4 38.2

65 55.2 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 36.14 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

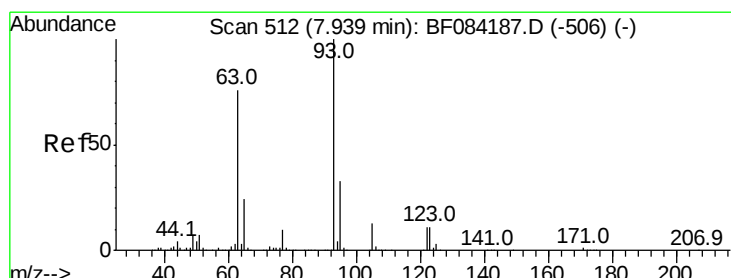
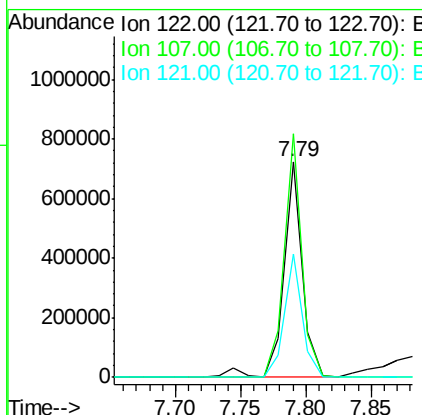
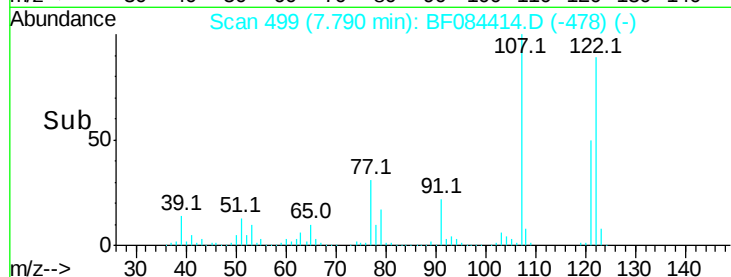
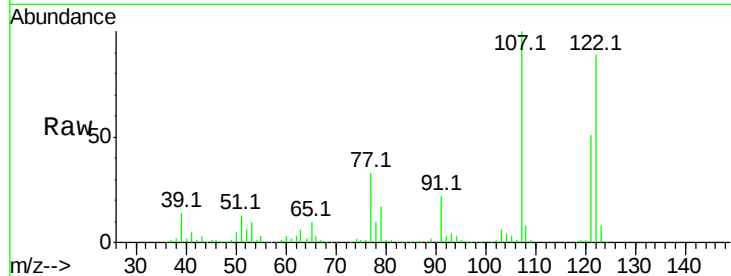
ClientSampleId :

PB87765BS

Tot Ion:	122	Resp:	723775
Ion Ratio	Lower	Upper	
122	100		
107	112.8	99.1	148.7
121	57.2	47.9	71.9

Manual Integrations
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MMdadoda
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#28

bis(2-Chloroethoxy)methane

Concen: 37.44 ng

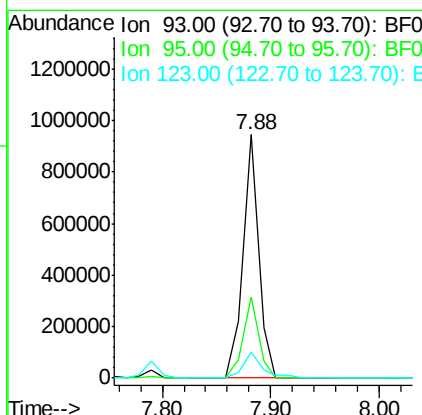
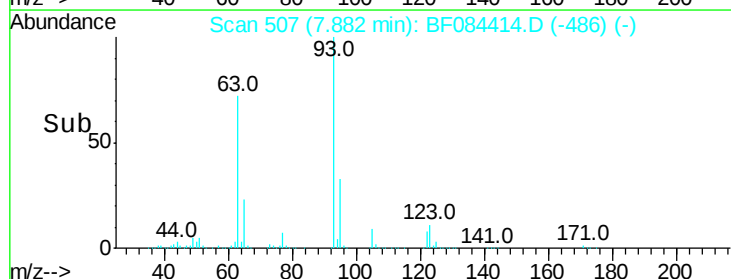
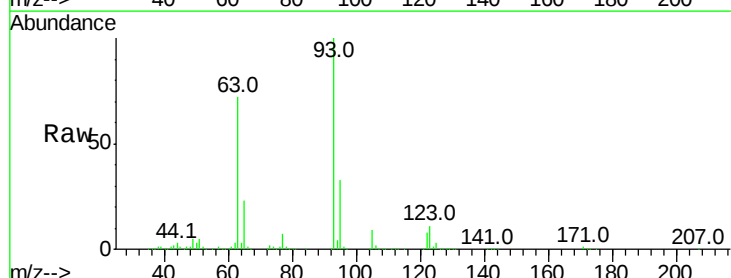
RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion:	93	Resp:	937430
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.8	38.6
123	10.9	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 41.24 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

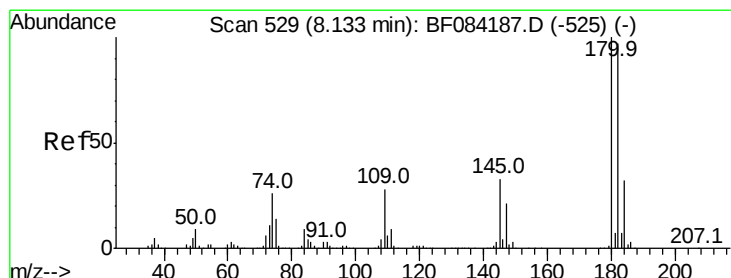
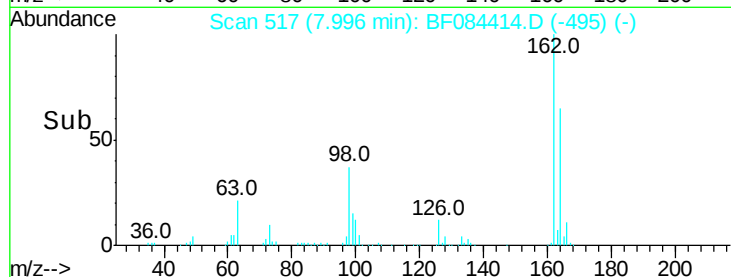
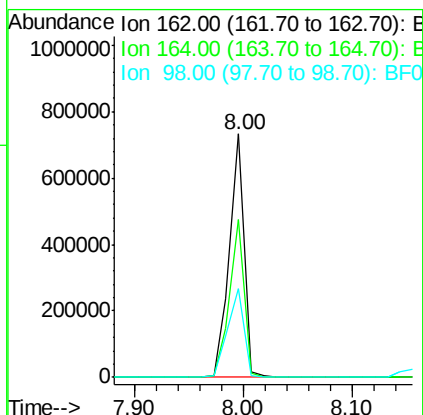
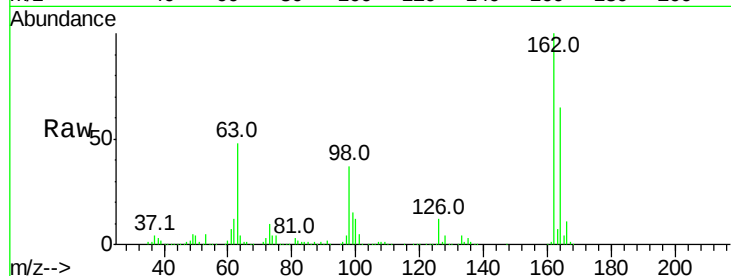
ClientSampleId :

PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	687953		
164	64.9	44.1	84.1	
98	36.5	20.2	60.2	

Manual Integrations
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MMdadoda
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#30

1,2,4-Trichlorobenzene

Concen: 39.07 ng

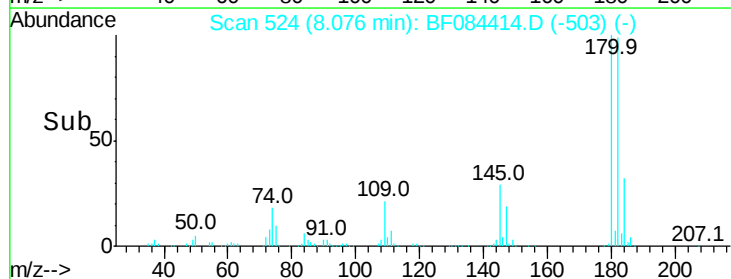
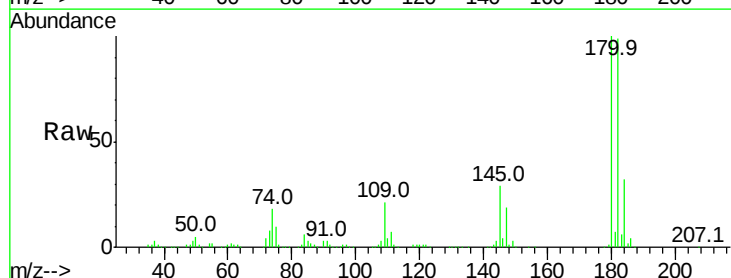
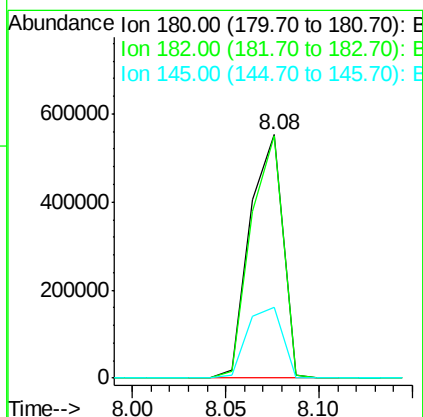
RT: 8.08 min Scan# 524

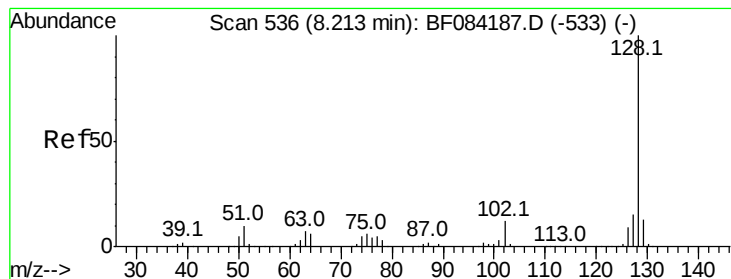
Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	672768		
182	99.3	76.4	114.6	
145	29.0	31.6	47.4	





#31

Naphthalene

Concen: 41.06 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:128 Resp: 2221869

Ion Ratio Lower Upper

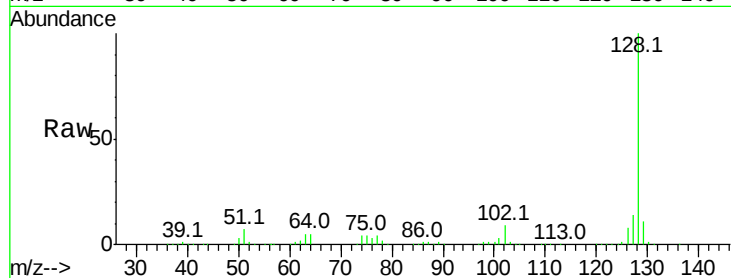
128 100

129 11.4 9.1 13.7

127 13.8 11.1 16.7

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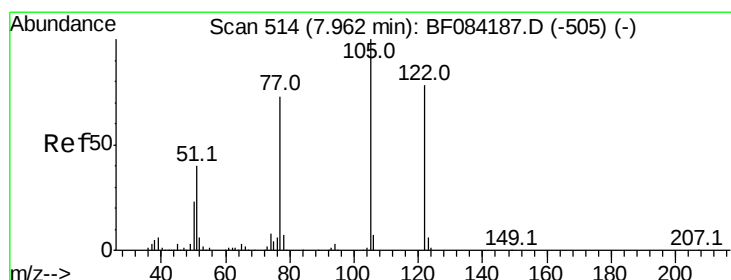
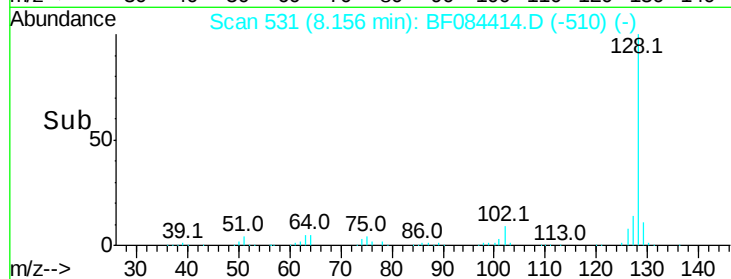
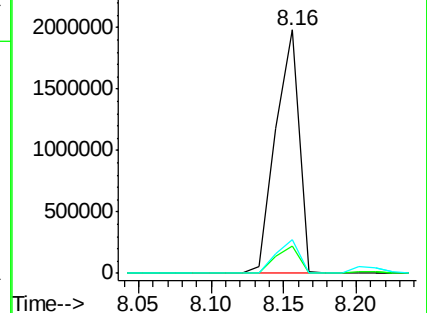
MMdadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.17 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

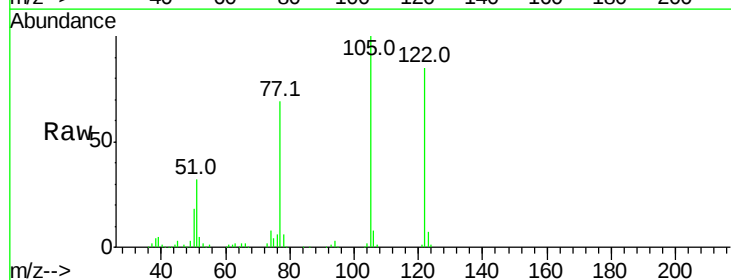
Tgt Ion:122 Resp: 398667

Ion Ratio Lower Upper

122 100

105 117.5 100.3 140.3

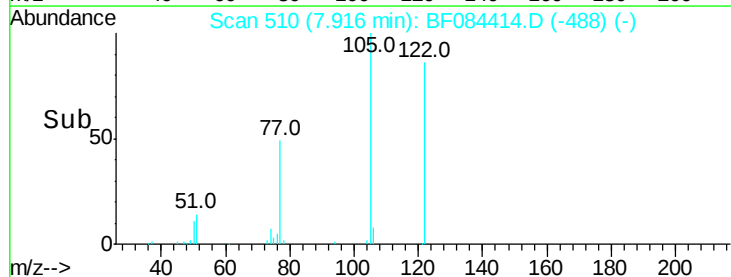
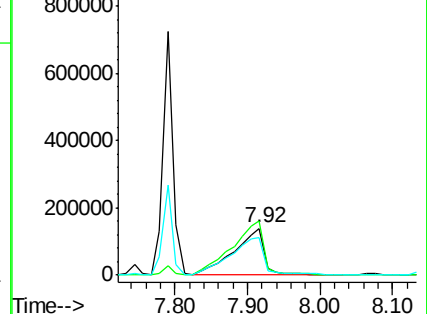
77 81.4 63.5 103.5

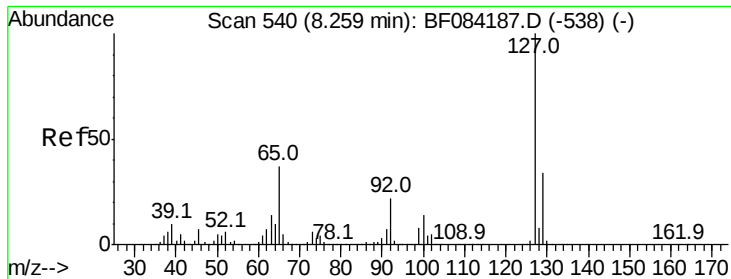


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





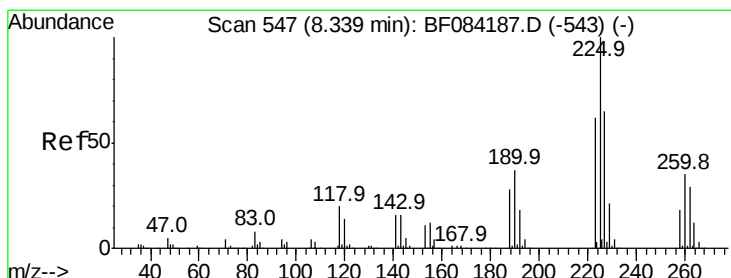
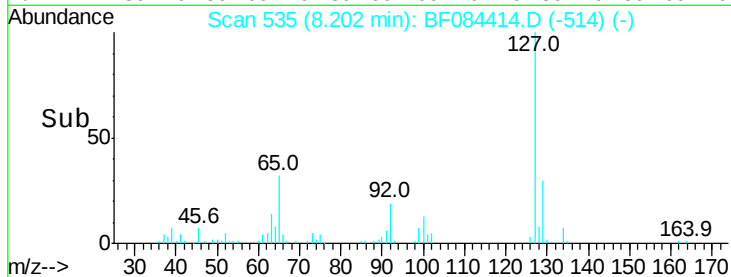
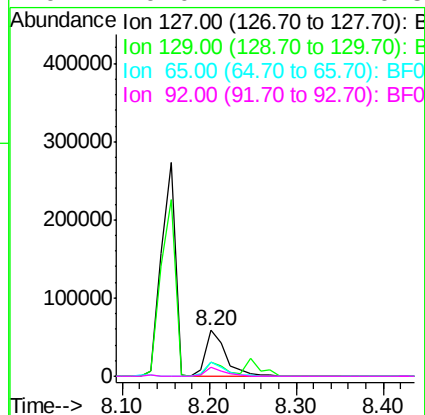
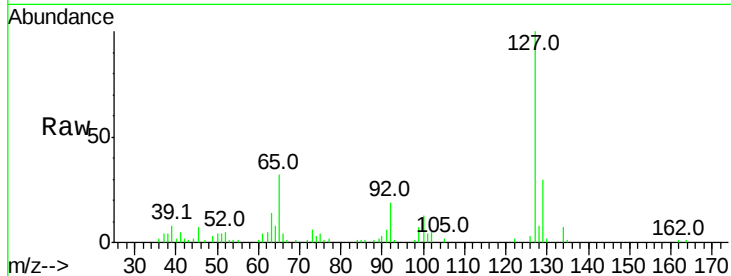
#33
4-Chloroaniline
Concen: 3.81 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.0	26.5	39.7		
65	32.3	27.2	40.8		
92	19.0	17.7	26.5		

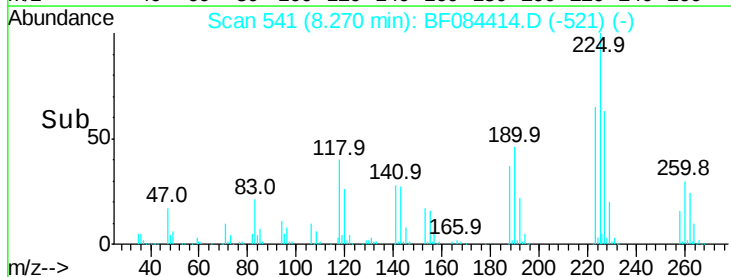
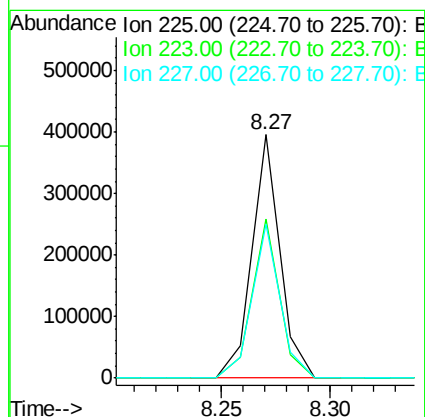
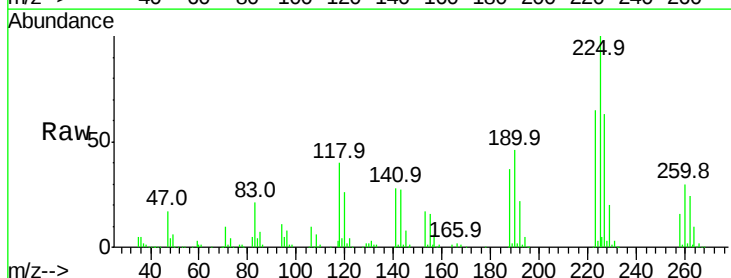
Manual Integrations
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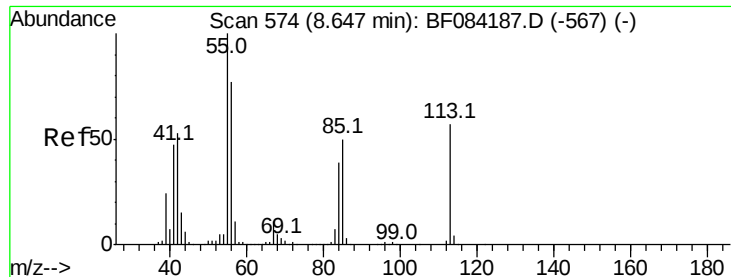
MMdadoda
1/13/2016 3:29:38 PM



#34
Hexachlorobutadiene
Concen: 35.78 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	49.4	74.0		
227	63.5	50.8	76.2		





#35

Caprolactam

Concen: 39.93 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. -0.08 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampled :

PB87765BS

Tot Ion:113 Resp: 224537

Ion Ratio Lower Upper

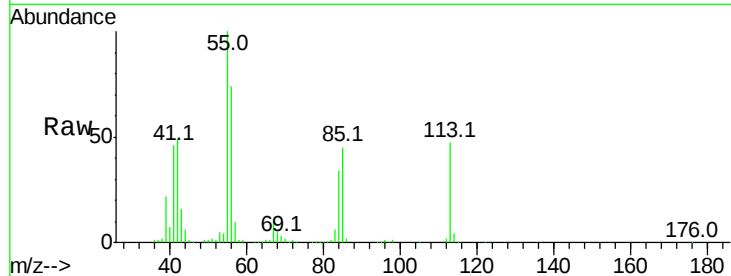
113 100

55 215.0 116.9 156.9#

56 158.5 93.8 133.8#

Manual Integrations
APPROVED

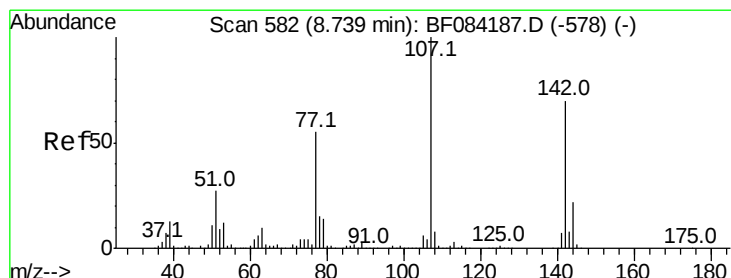
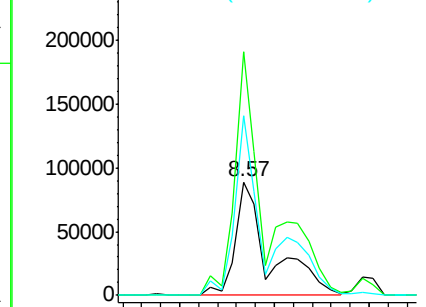
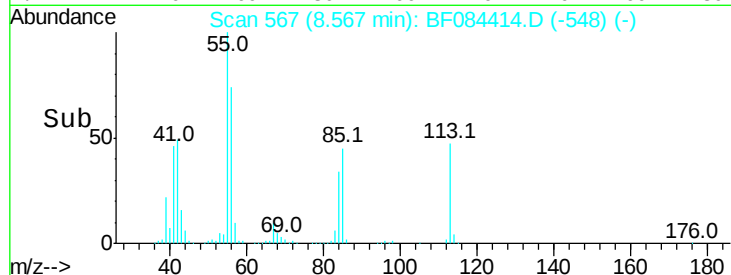
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.74 ng/ml

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

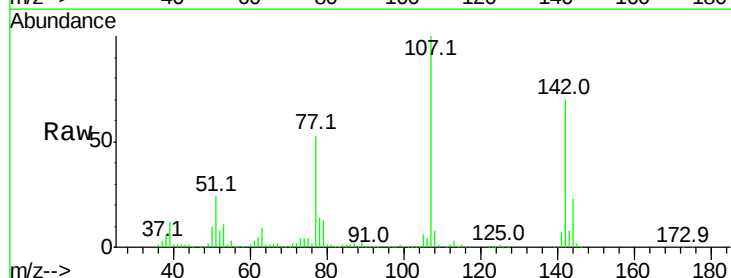
Tgt Ion:107 Resp: 723841

Ion Ratio Lower Upper

107 100

144 22.5 19.7 29.5

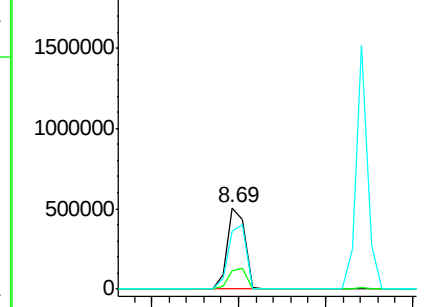
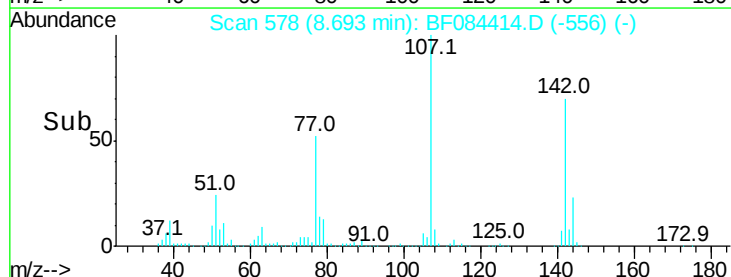
142 70.5 61.8 92.6

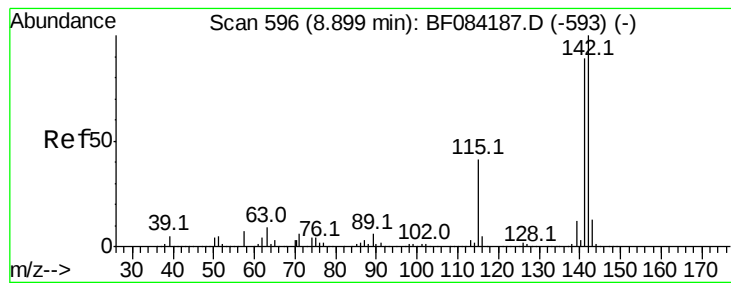


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





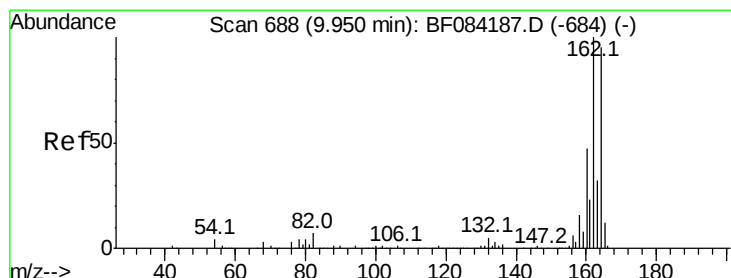
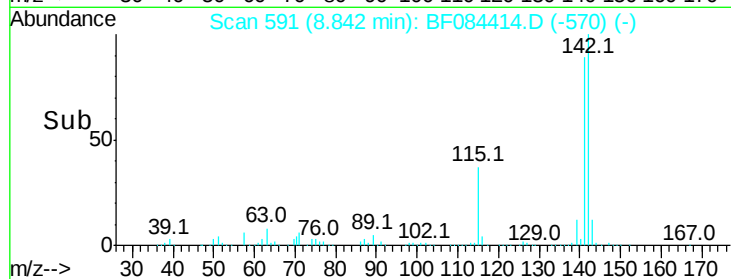
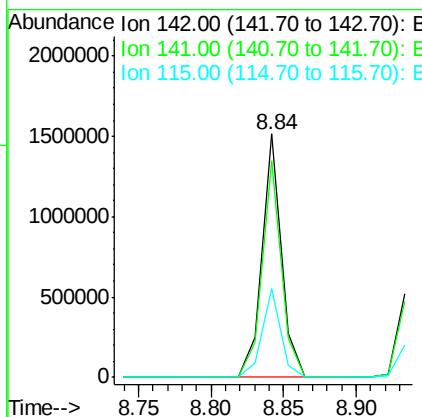
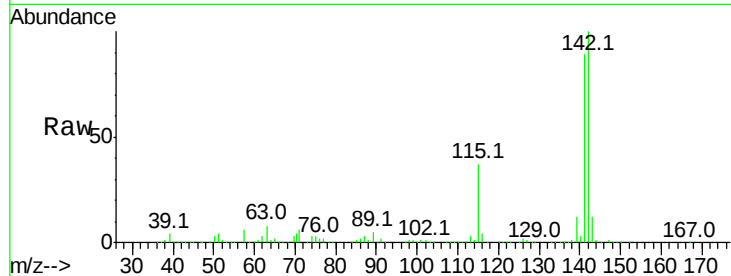
#37
2-Methylnaphthalene
Concen: 36.12 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6
115	36.6	27.9	41.9

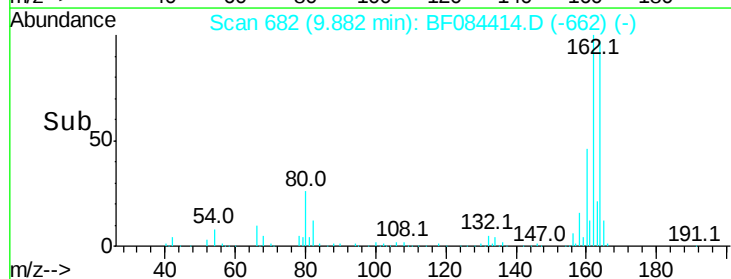
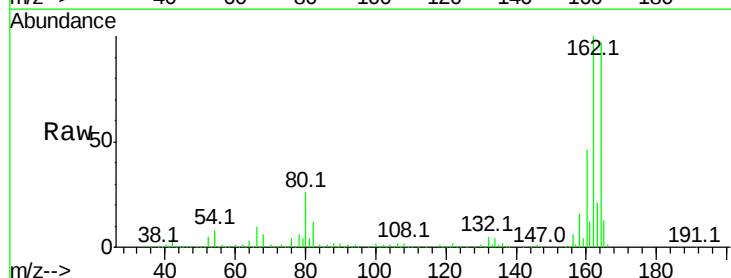
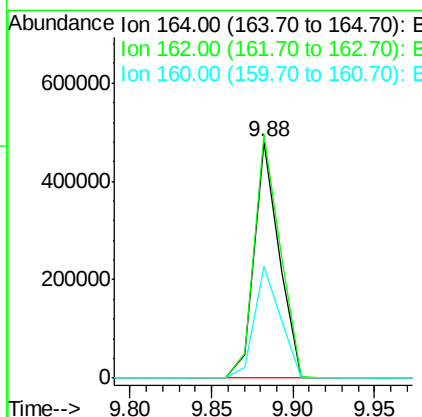
Manual Integrations
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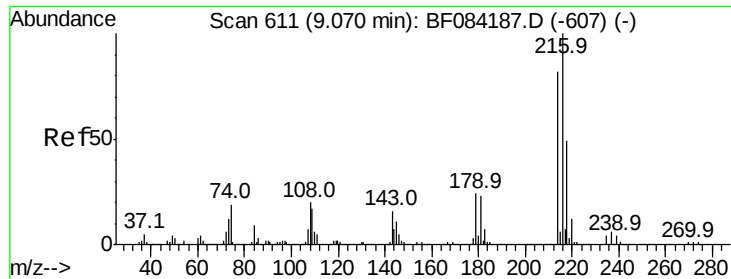
MMdadoda
1/13/2016 3:29:38 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.4	37.5	56.3





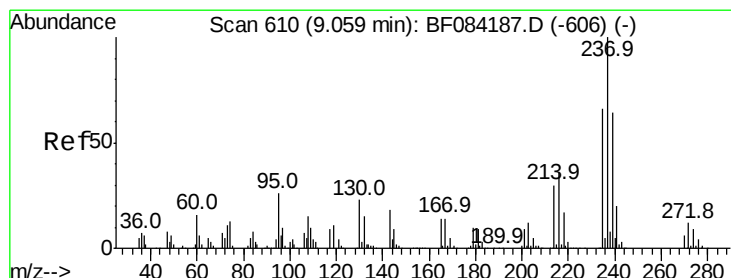
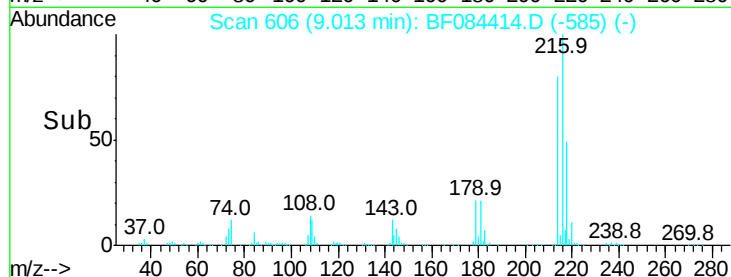
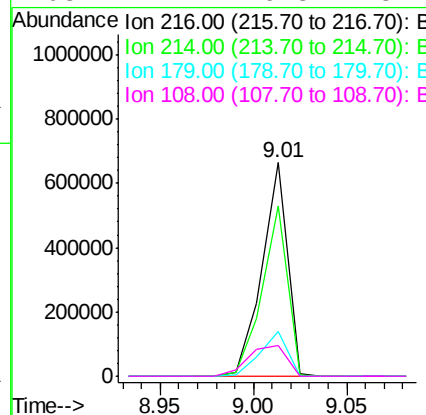
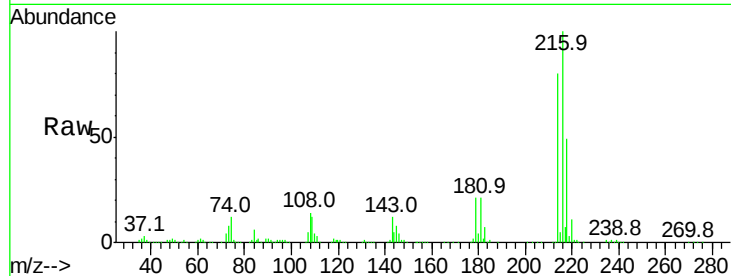
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.52 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	624913		
214	79.8	64.2	96.2	
179	22.8	18.7	28.1	
108	22.4	16.8	25.2	

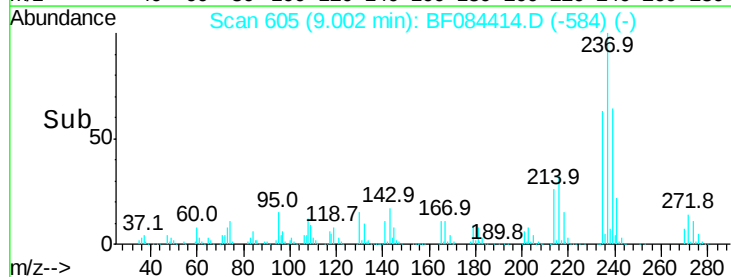
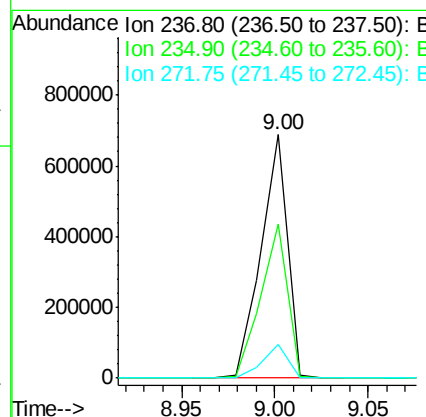
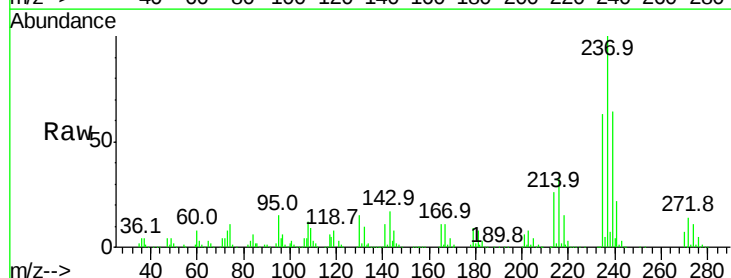
Manual Integrations
 APPROVED

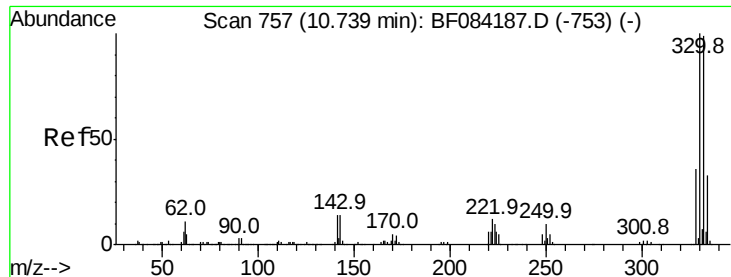
MMdadoda
 1/13/2016 3:29:38 PM



#40
 Hexachlorocyclopentadiene
 Concen: 75.98 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	674067		
235	63.1	43.1	83.1	
272	13.6	0.0	35.1	





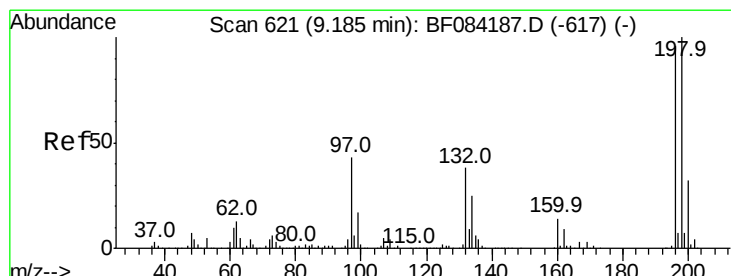
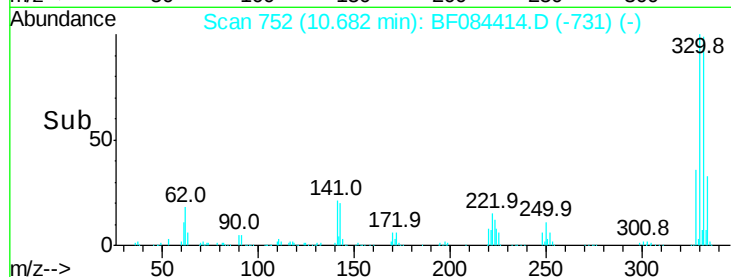
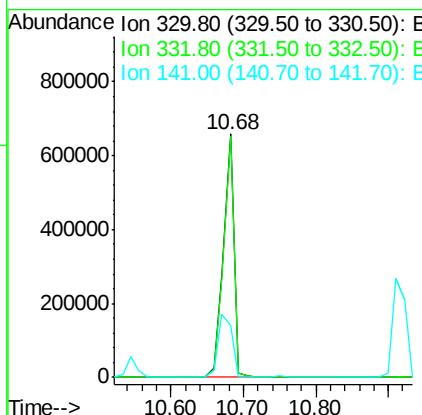
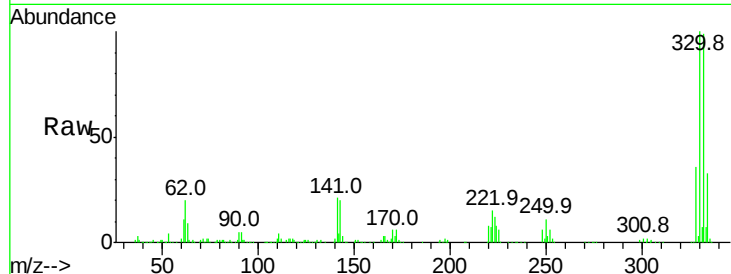
#41
 2,4,6-Tribromophenol
 Concen: 130.28 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	672373		
332	98.1	76.6	114.8	
141	34.4	27.8	41.6	

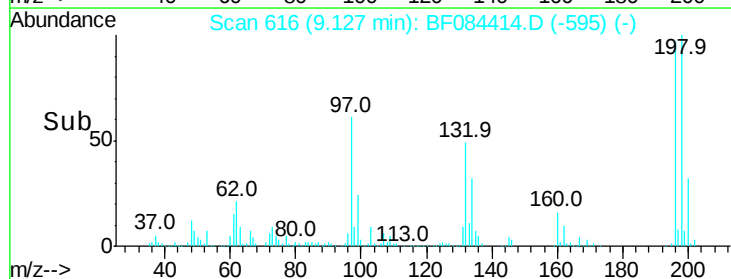
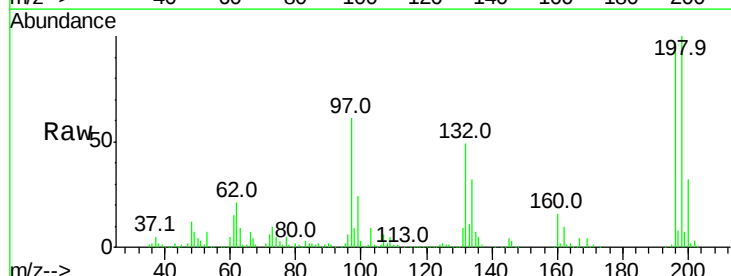
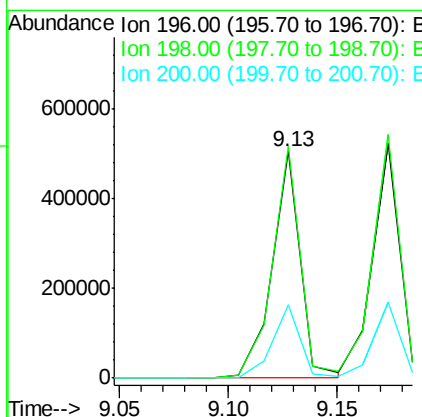
Manual Integrations
 APPROVED

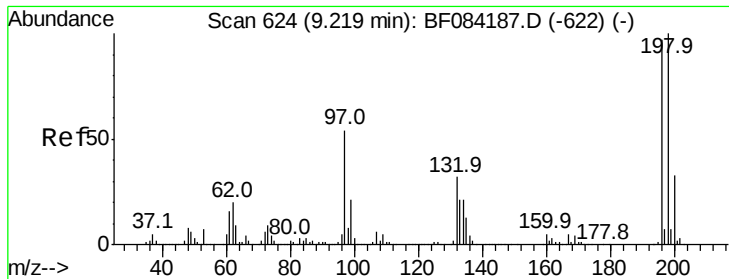
MMdadoda
 1/13/2016 3:29:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.81 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	459676		
198	102.7	77.7	116.5	
200	32.6	24.6	37.0	





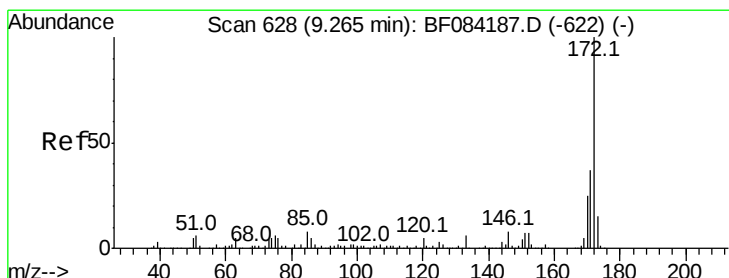
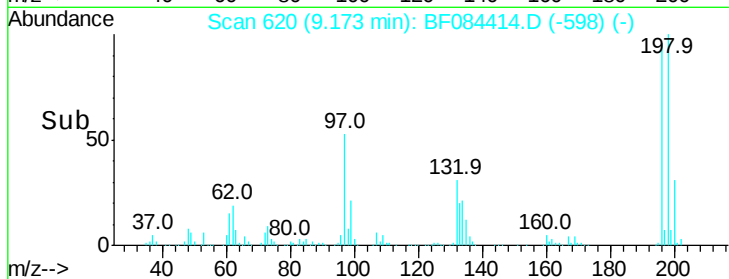
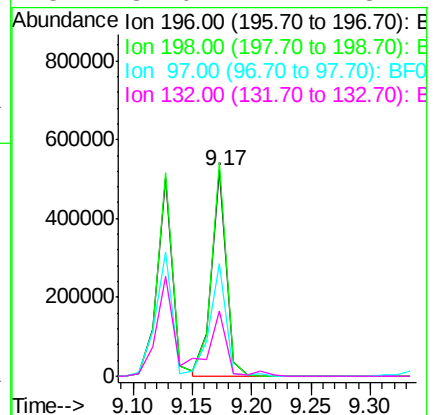
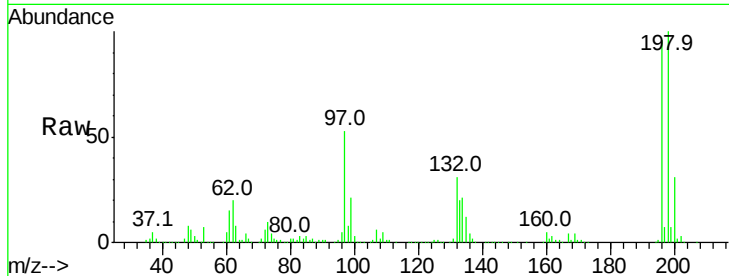
#43
 2,4,5-Trichlorophenol
 Concen: 43.51 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.8	79.0	118.6	
97	54.9	33.0	49.6	
132	32.0	21.1	31.7	

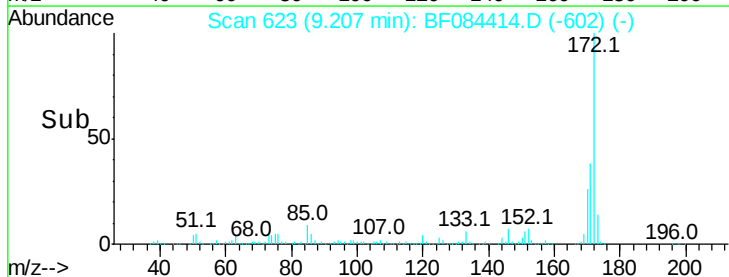
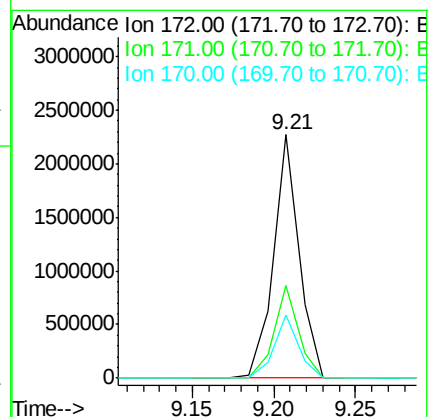
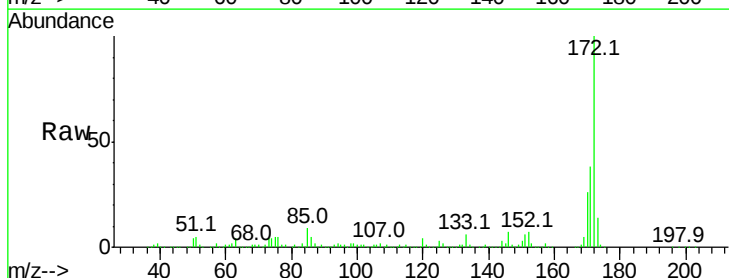
Manual Integrations
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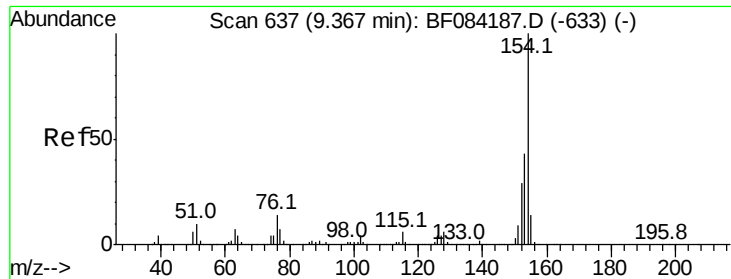
MMdadoda
 1/13/2016 3:29:38 PM



#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.9	28.9	43.3	
170	26.1	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 43.92 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:154 Resp: 1784536

Ion Ratio Lower Upper

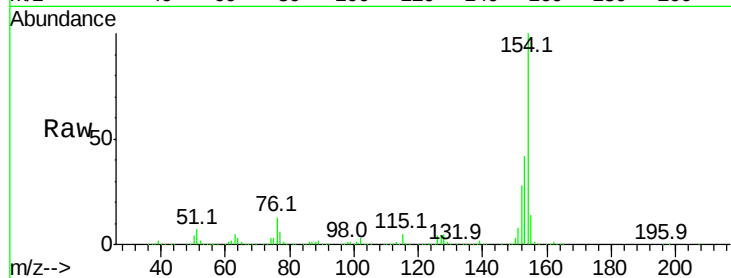
154 100

153 42.2 21.6 61.6

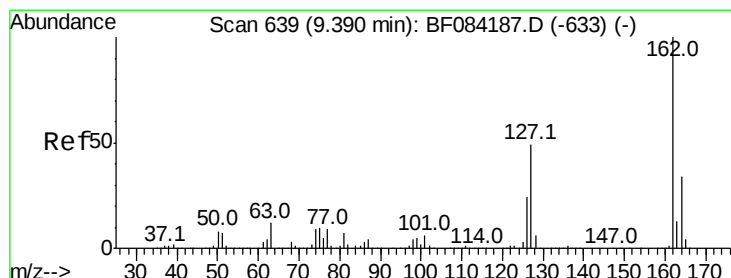
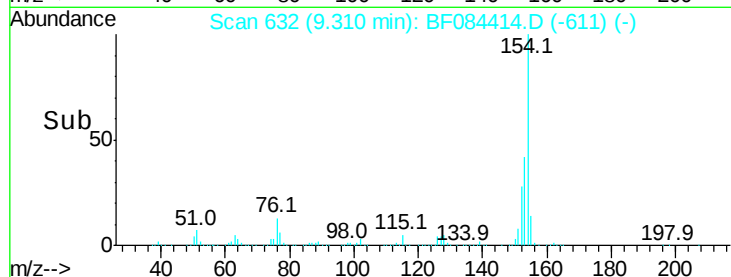
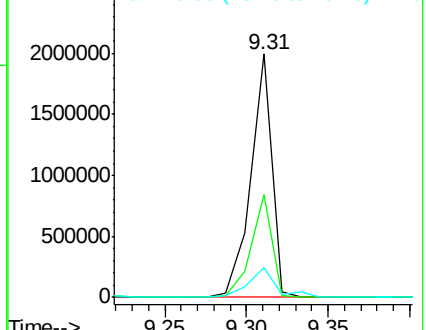
76 12.5 0.0 32.7

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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): BFO



#46

2-Chloronaphthalene

Concen: 41.30 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

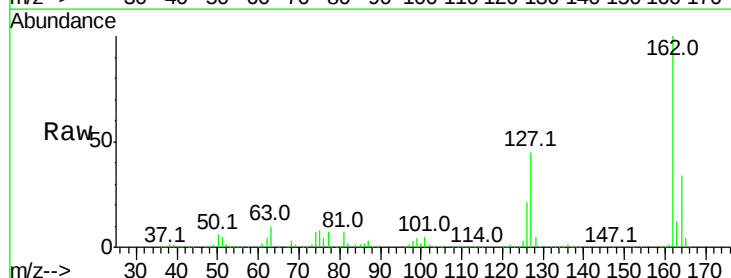
Tgt Ion:162 Resp: 1317851

Ion Ratio Lower Upper

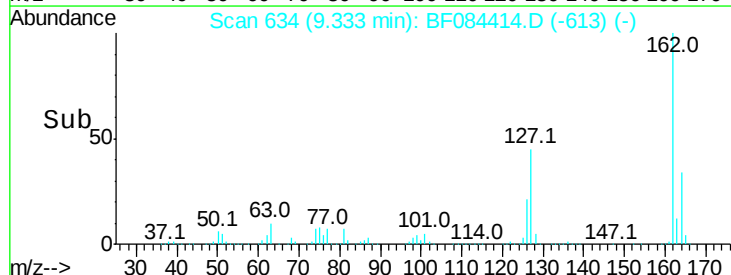
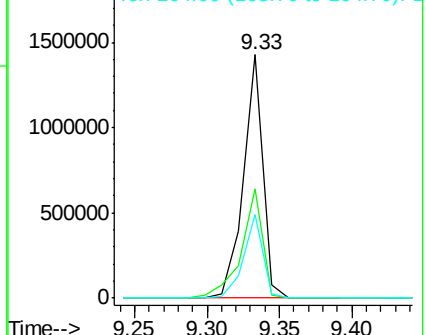
162 100

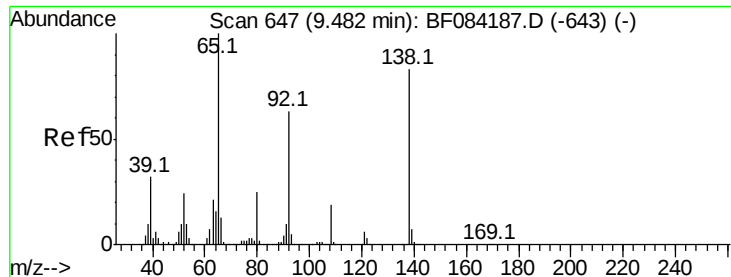
127 44.9 40.2 60.4

164 34.2 25.7 38.5



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





#47

2-Nitroaniline

Concen: 41.23 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion: 65 Resp: 434227

Ion Ratio Lower Upper

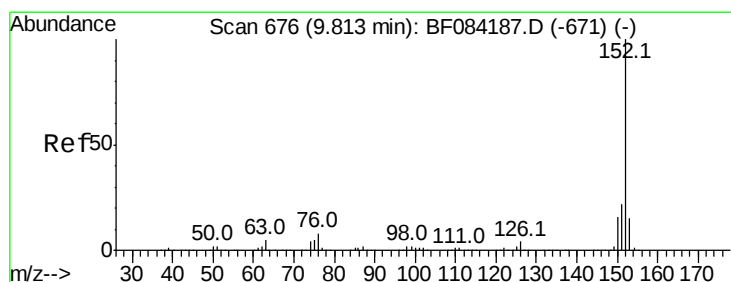
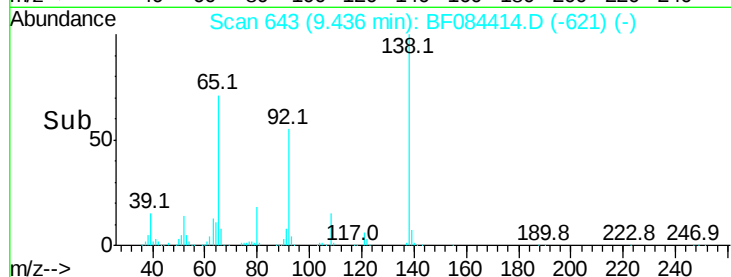
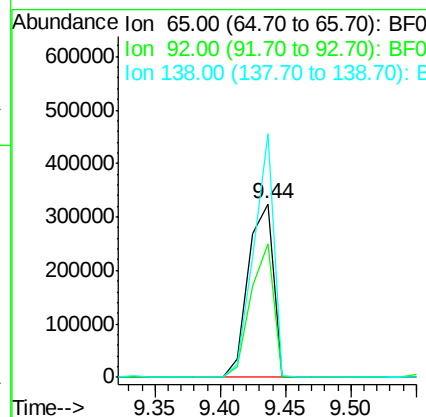
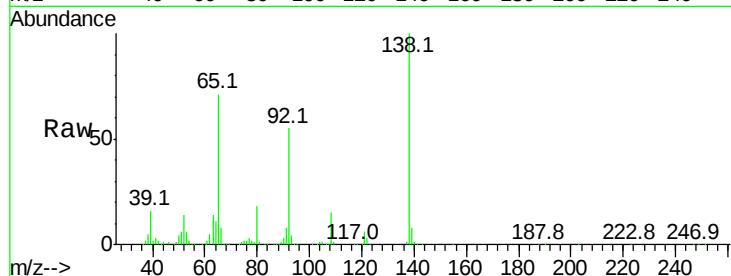
65 100

92 77.0 53.4 80.2

138 140.4 71.1 106.7#

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#48

Acenaphthylene

Concen: 41.26 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

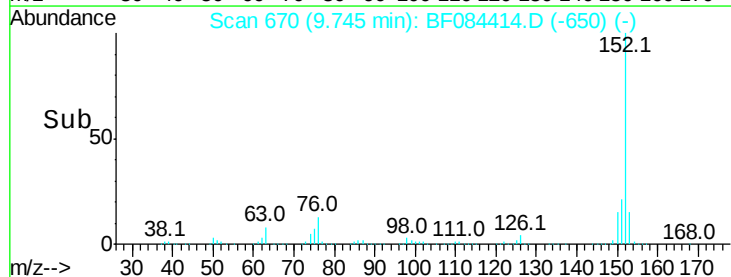
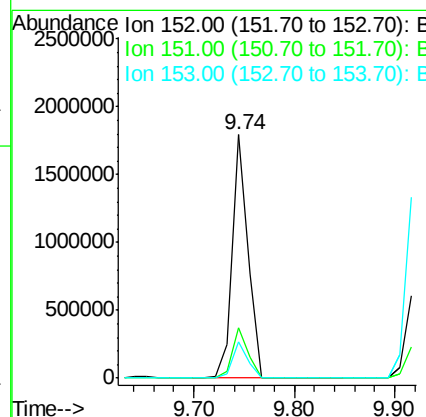
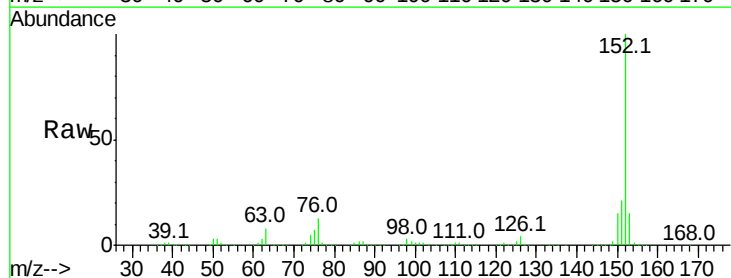
Tgt Ion: 152 Resp: 1945429

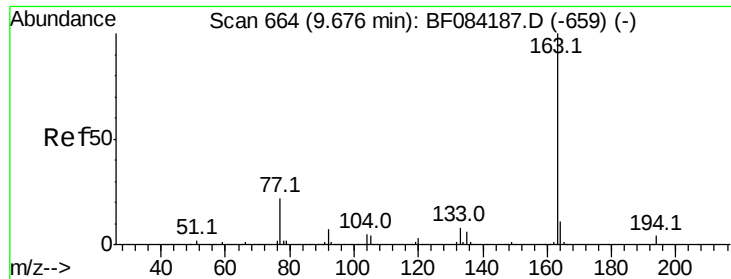
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 15.1 10.4 15.6





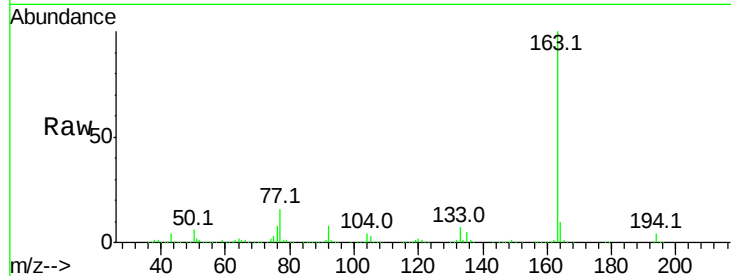
#49
Dimethylphthalate
Concen: 44.91 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.5	8.0	12.0

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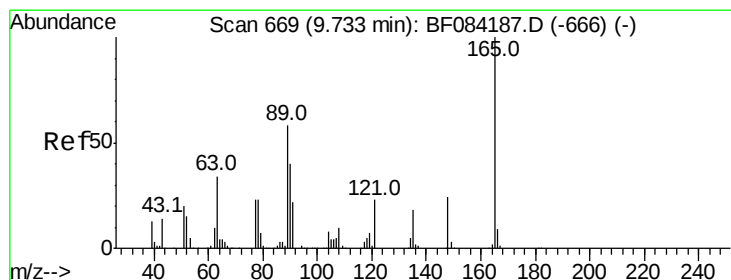
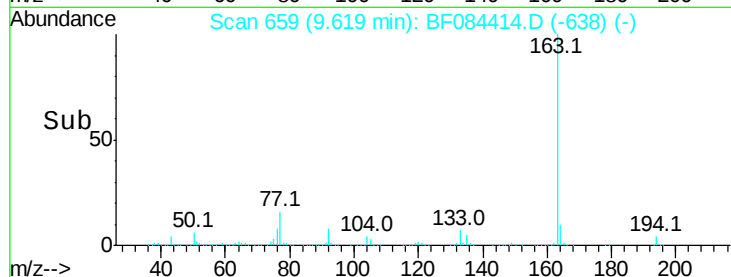
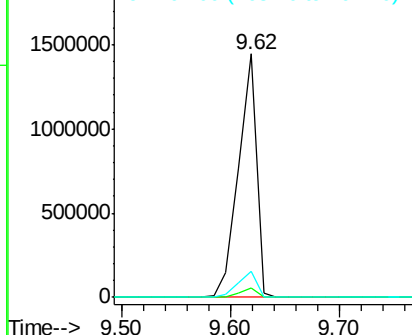


Abundance

Ion 163.00 (162.70 to 163.70): E

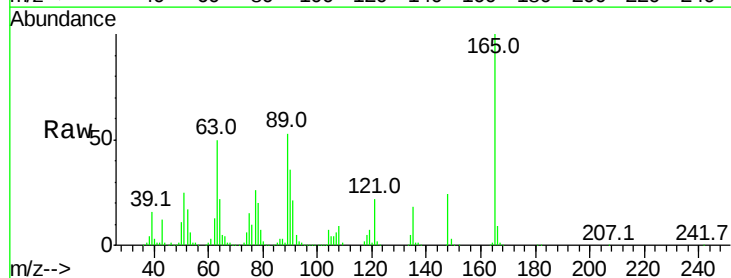
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.50 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	28.8	43.2#
89	52.6	35.1	52.7

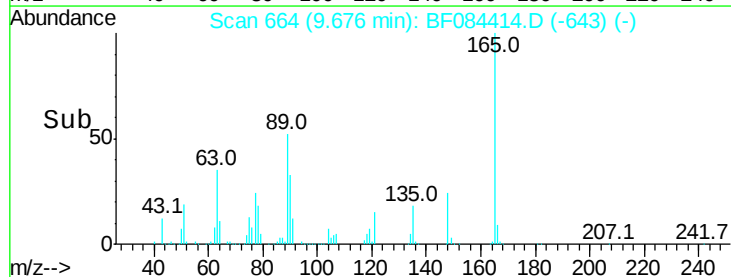
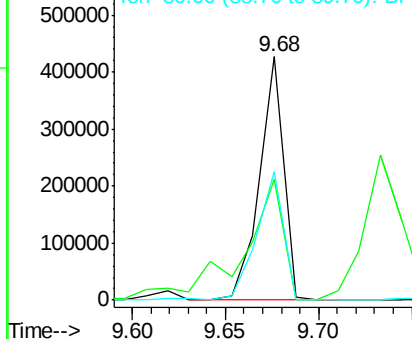


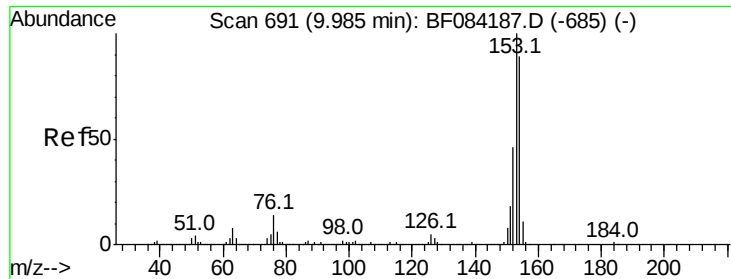
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.51 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:154 Resp: 1439171

Ion Ratio Lower Upper

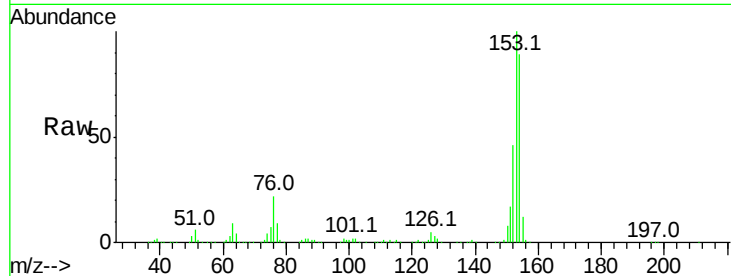
154 100

153 112.5 91.5 137.3

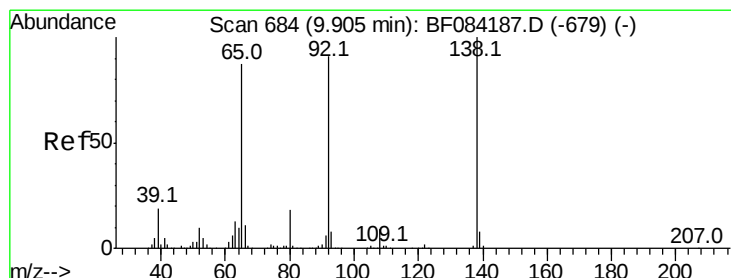
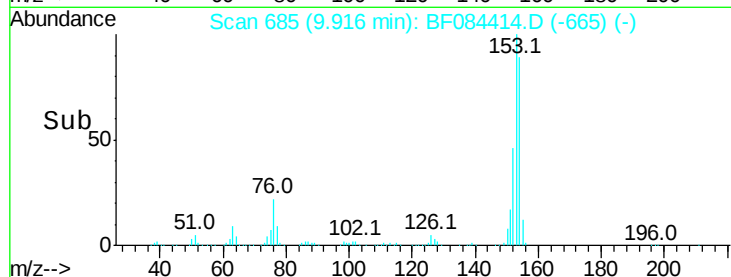
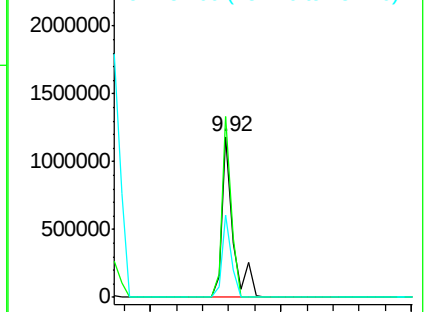
152 51.5 43.0 64.6

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



#52

3-Nitroaniline

Concen: 4.99 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

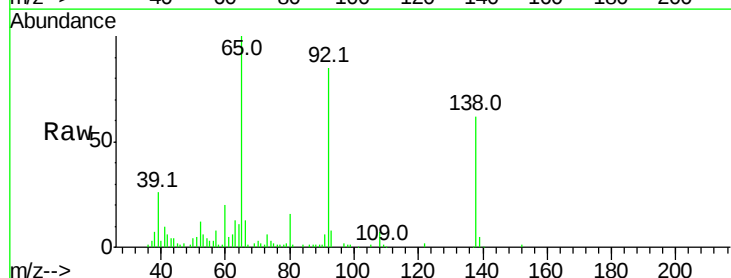
Tgt Ion:138 Resp: 49550

Ion Ratio Lower Upper

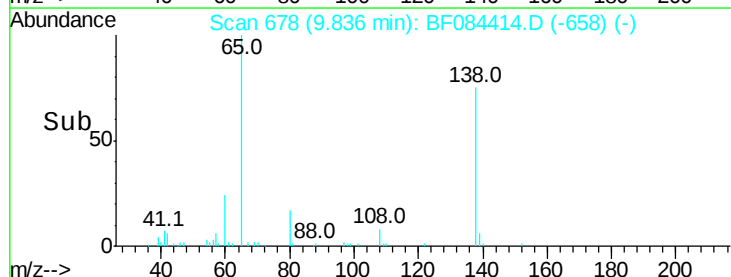
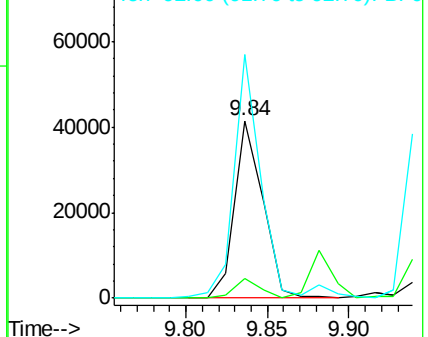
138 100

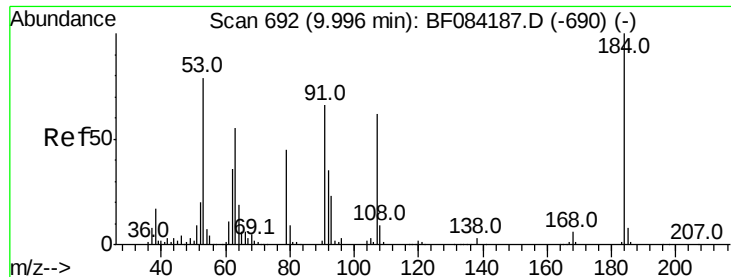
108 11.3 10.5 15.7

92 137.4 103.9 155.9



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





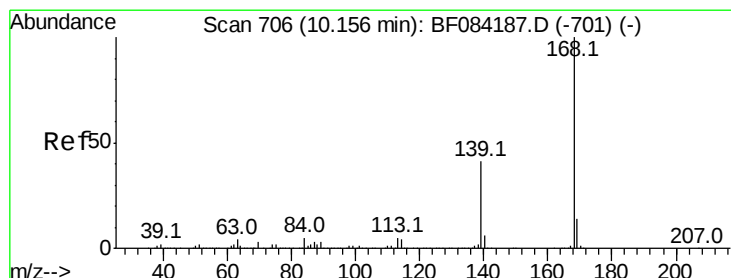
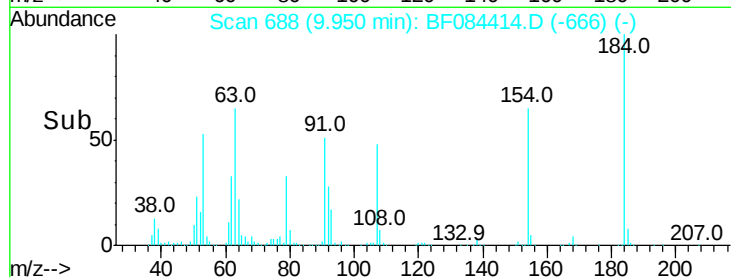
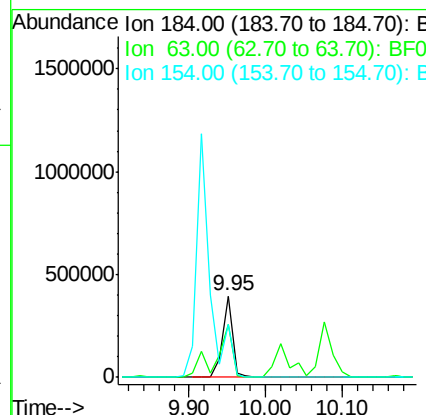
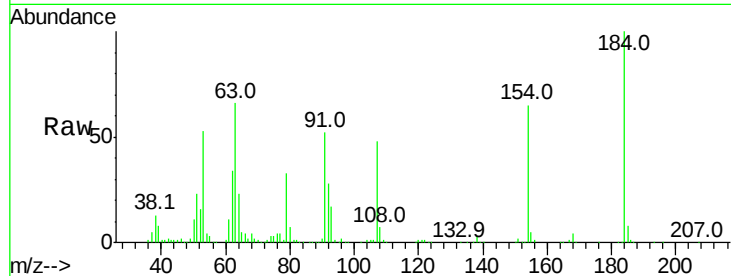
#53
2,4-Dinitrophenol
Concen: 106.35 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	367315		
63	65.6	43.1	64.7#	
154	65.3	60.5	90.7	

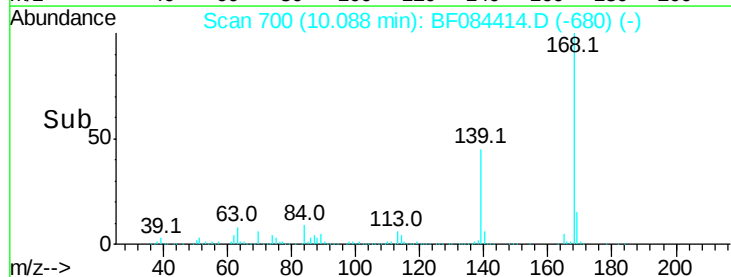
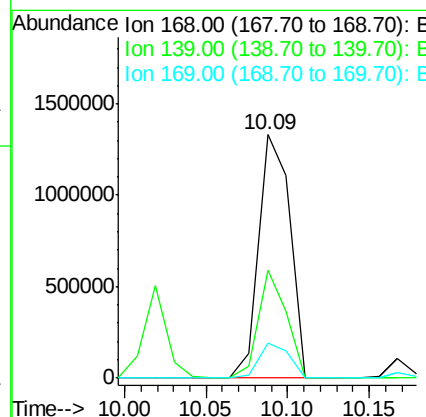
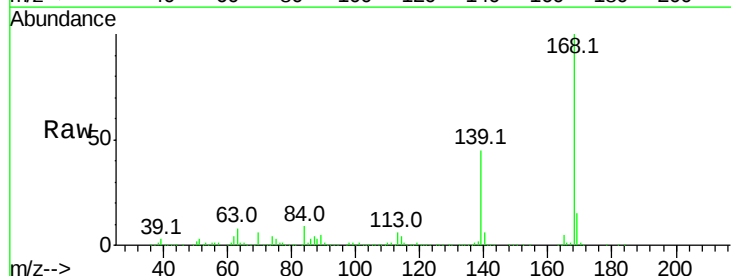
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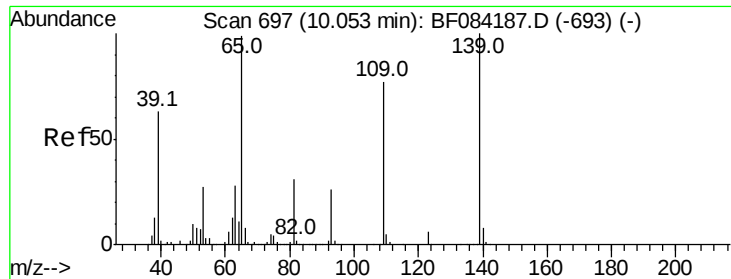
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#54
Dibenzofuran
Concen: 43.20 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1774258		
139	44.6	30.5	45.7	
169	14.5	10.4	15.6	





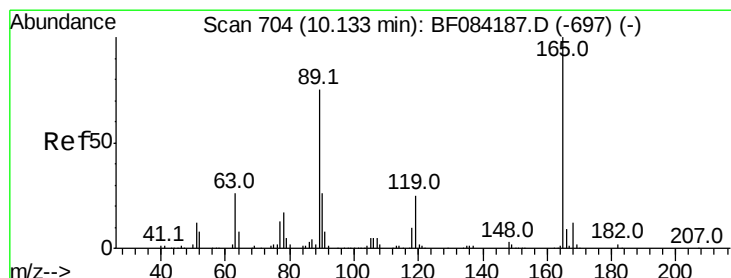
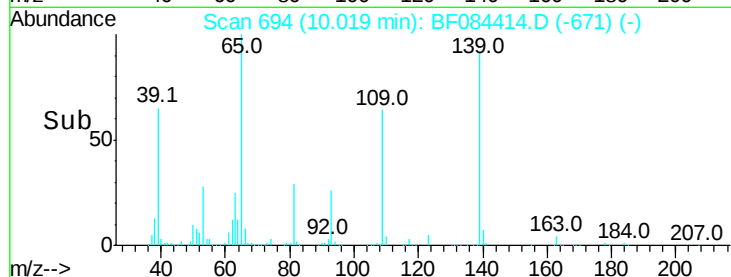
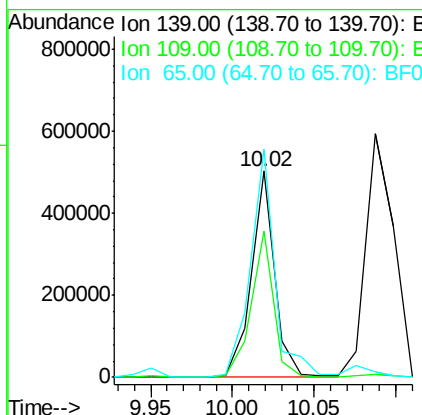
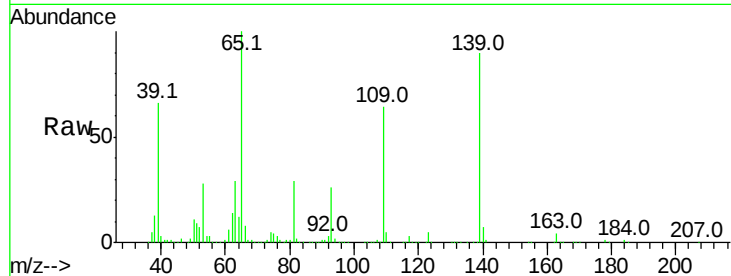
#55
4-Nitrophenol
Concen: 69.38 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.2	58.5	98.5	
65	110.5	57.6	97.6	

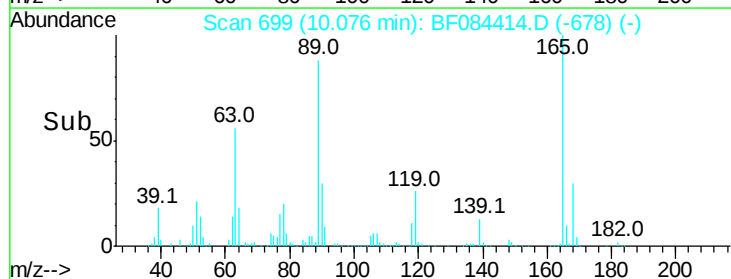
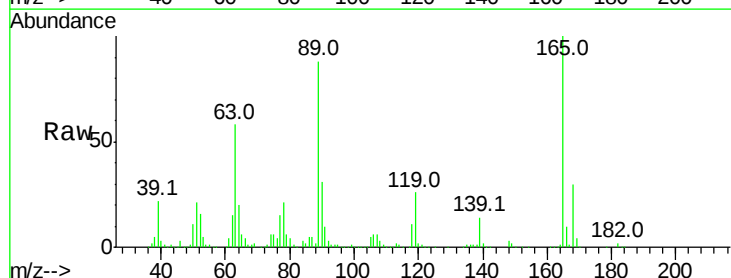
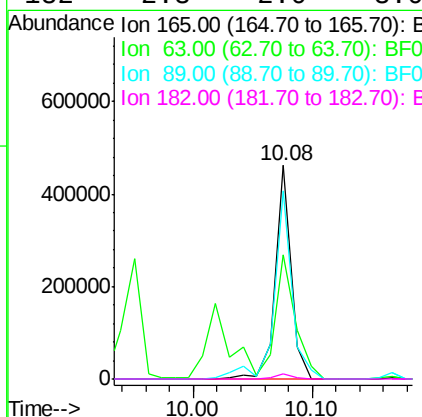
Manual Integrations
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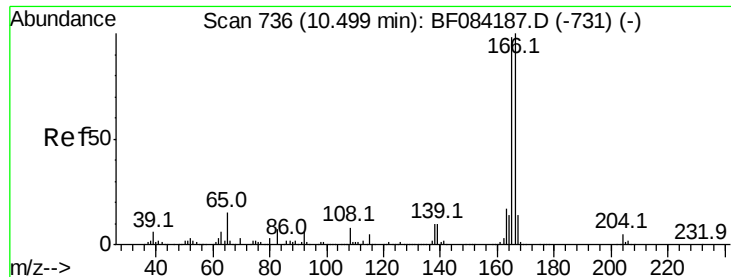
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 41.99 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	36.7	55.1	
89	88.0	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 40.52 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:166 Resp: 1290867

Ion Ratio Lower Upper

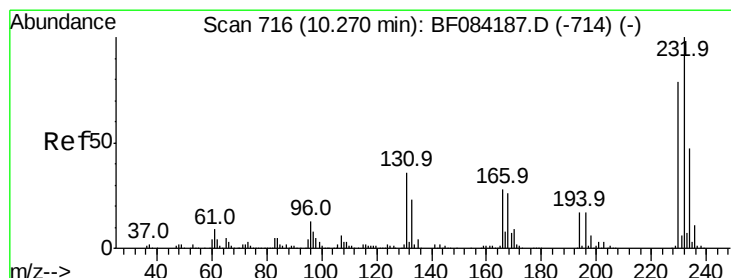
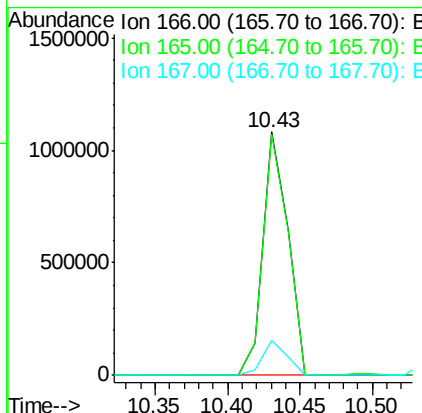
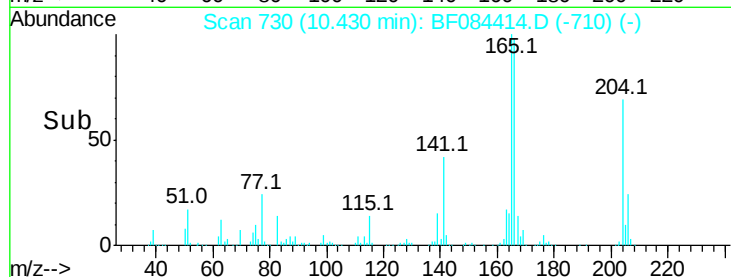
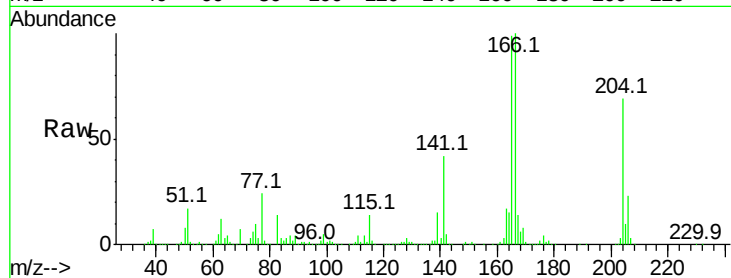
166 100

165 99.2 79.1 118.7

167 14.4 10.4 15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.21 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion:232 Resp: 379851

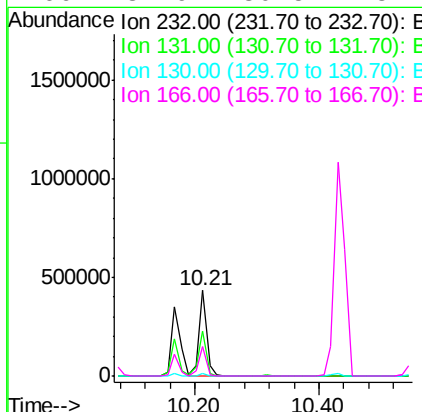
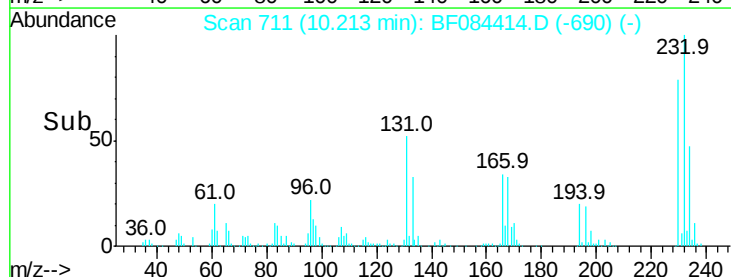
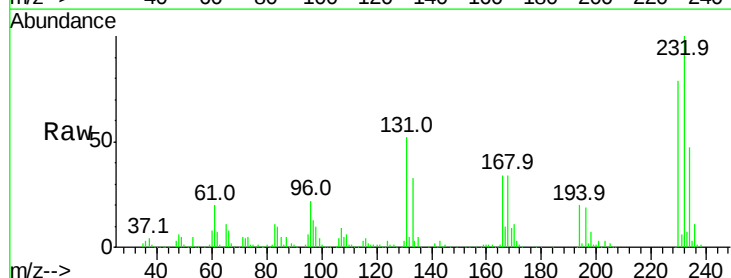
Ion Ratio Lower Upper

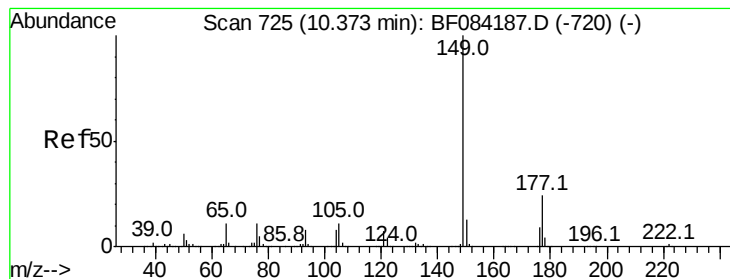
232 100

131 51.7 47.0 70.6

130 2.5 2.0 3.0

166 32.9 30.5 45.7





#59

Diethylphthalate

Concen: 43.25 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:149 Resp: 1558206

Ion Ratio Lower Upper

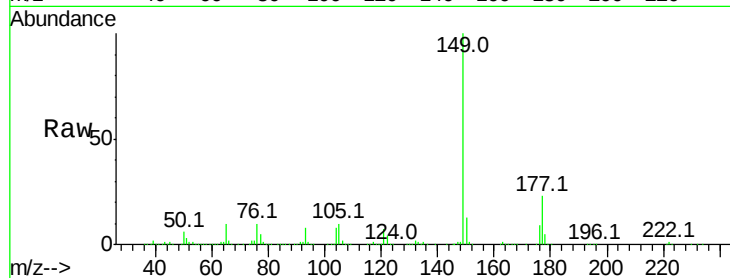
149 100

177 23.0 17.3 25.9

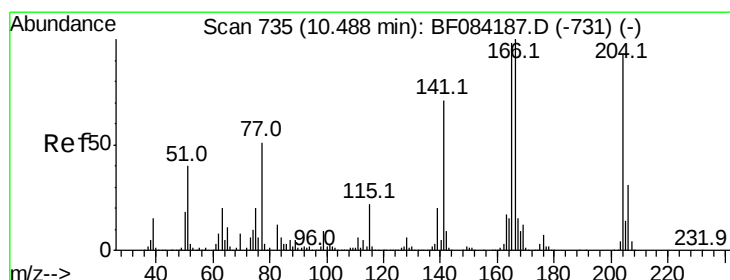
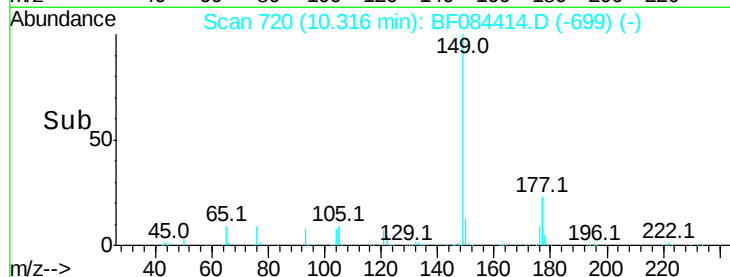
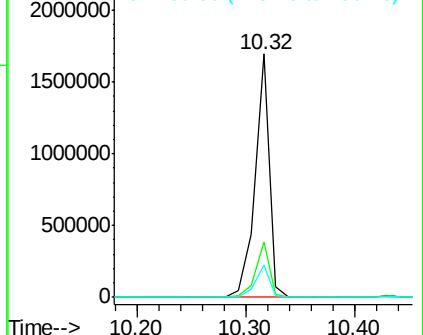
150 13.3 9.8 14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.99 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

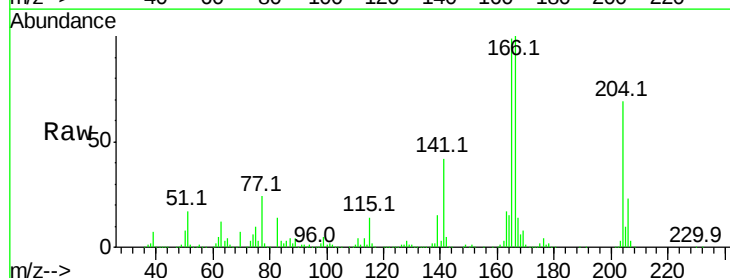
Tgt Ion:204 Resp: 667304

Ion Ratio Lower Upper

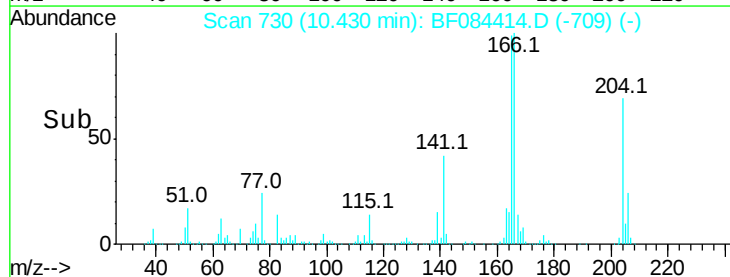
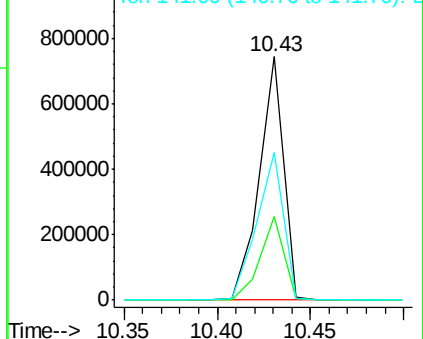
204 100

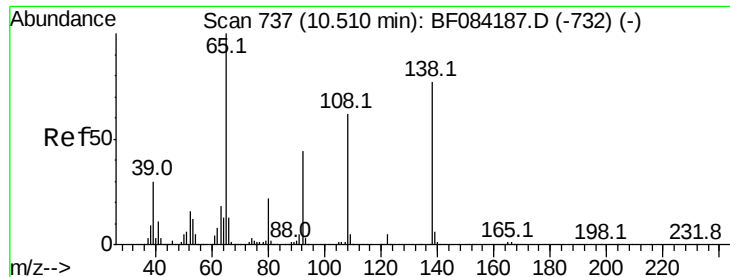
206 34.2 25.7 38.5

141 60.4 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





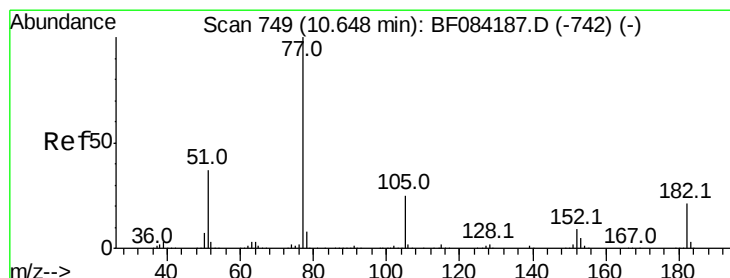
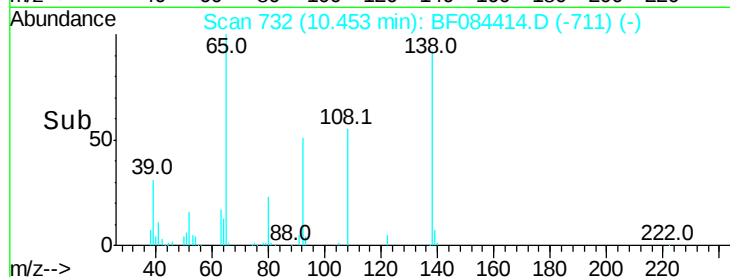
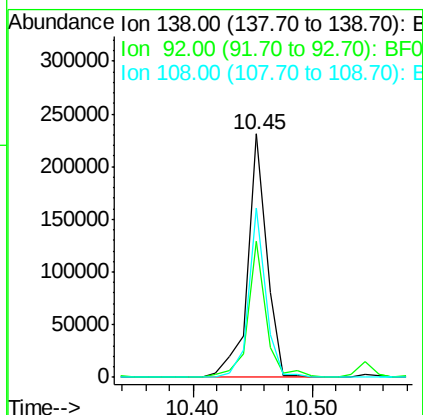
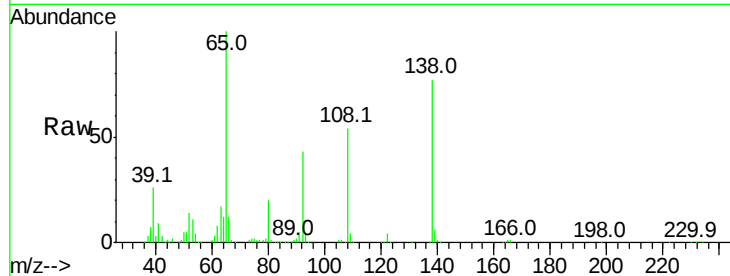
#61
4-Nitroaniline
Concen: 29.43 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	32.6	72.6
108	69.8	68.6	108.6

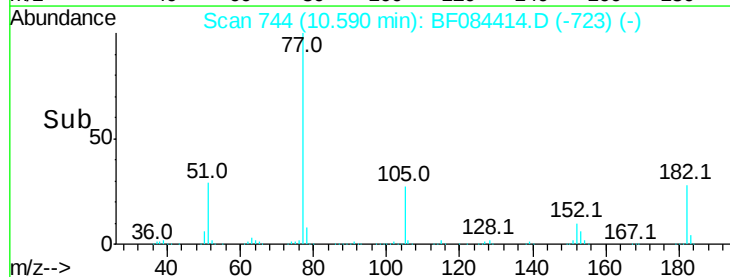
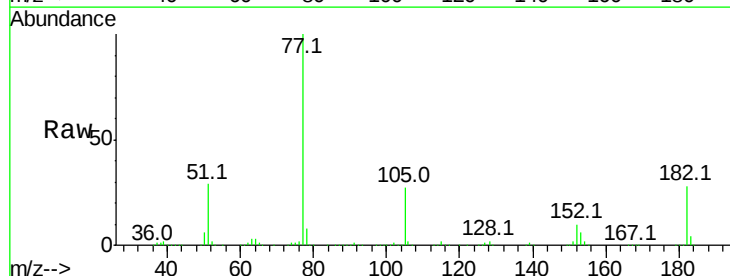
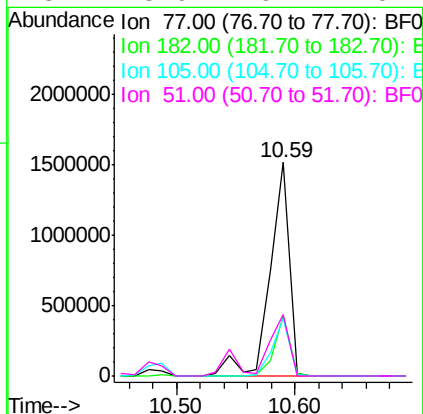
Manual Integrations
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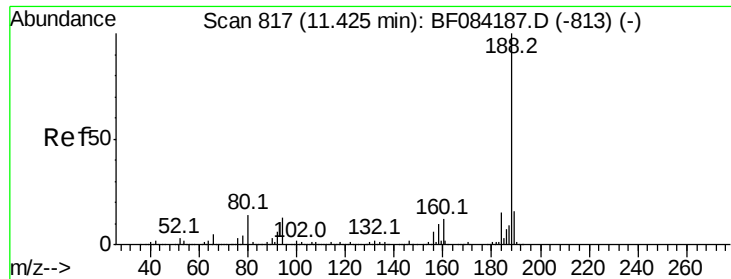
MMdadoda
1/13/2016 3:29:38 PM



#62
Azobenzene
Concen: 43.55 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.3	48.3
105	26.9	4.6	44.6
51	28.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

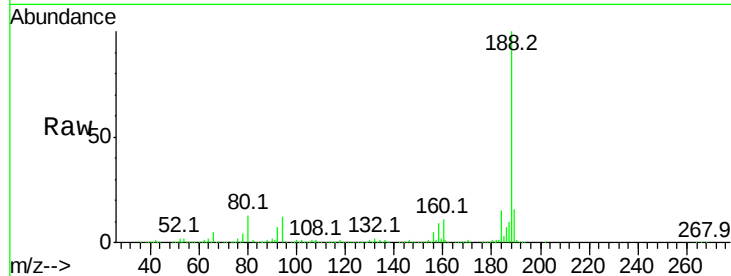
ClientSampled :

PB87765BS

Tot Ion:188	Resp:	946711
Ion Ratio	Lower	Upper
188 100		
94 12.5	9.0	13.4
80 13.5	9.6	14.4

Manual Integrations
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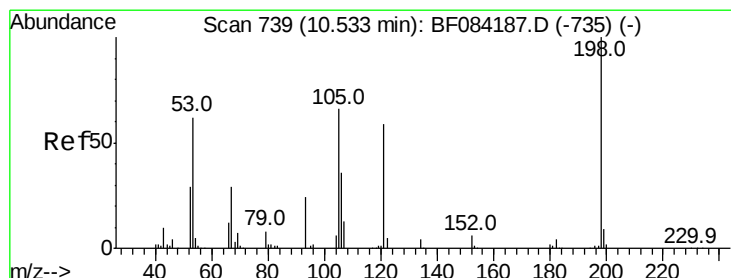
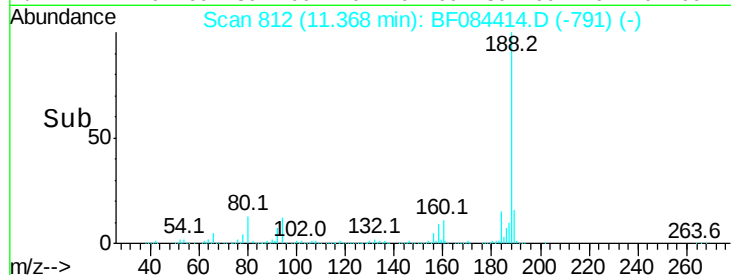
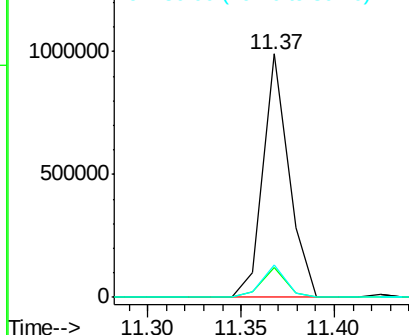
MMdadoda
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.57 ng

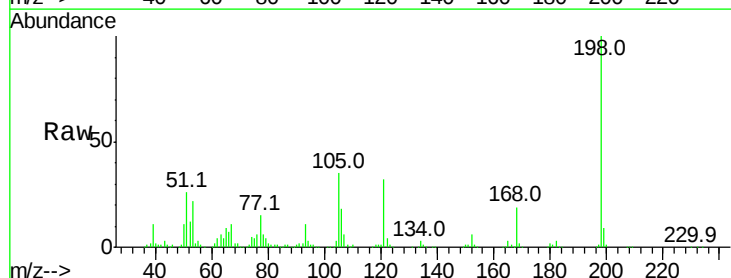
RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

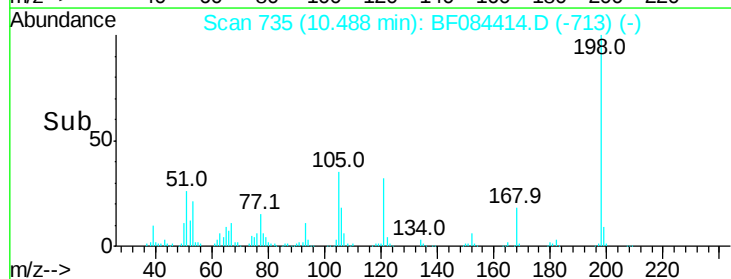
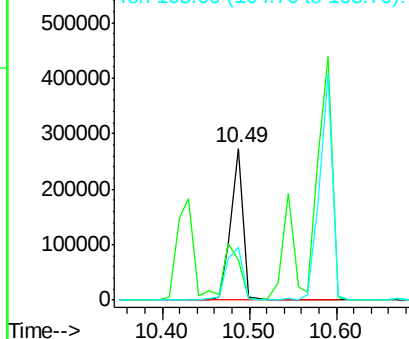
Tgt Ion:198	Resp:	267727
Ion Ratio	Lower	Upper
198 100		
51 26.5	18.9	58.9
105 34.6	26.4	66.4

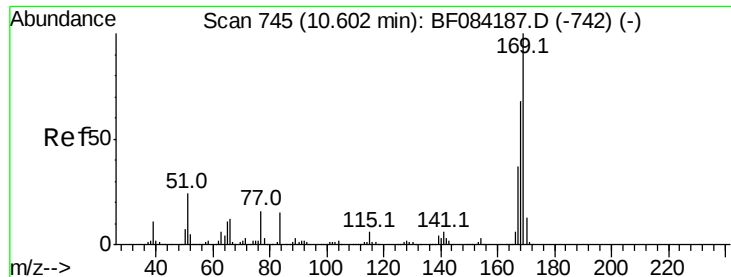


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.97 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:169 Resp: 1028124

Ion Ratio Lower Upper

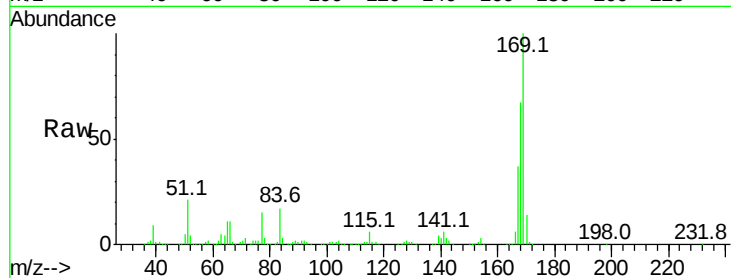
169 100

168 67.4 55.1 82.7

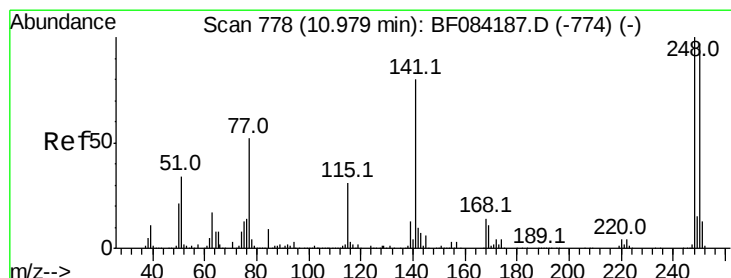
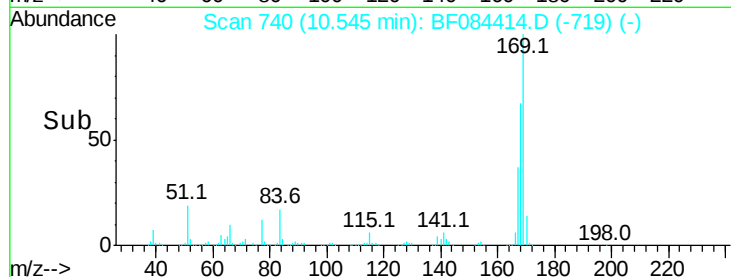
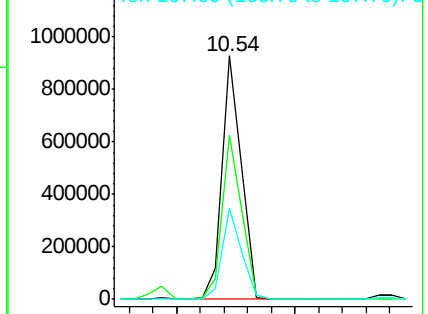
167 37.5 30.0 45.0

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



#66

4-Bromophenyl-phenylether

Concen: 43.27 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

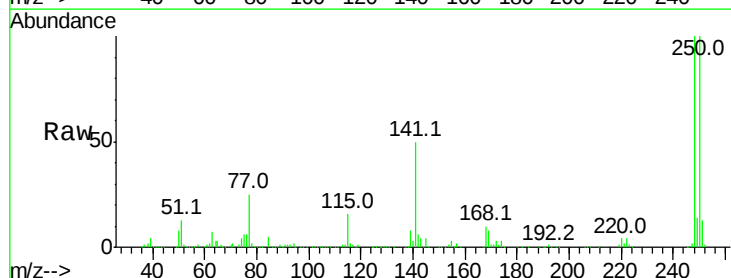
Tgt Ion:248 Resp: 440921

Ion Ratio Lower Upper

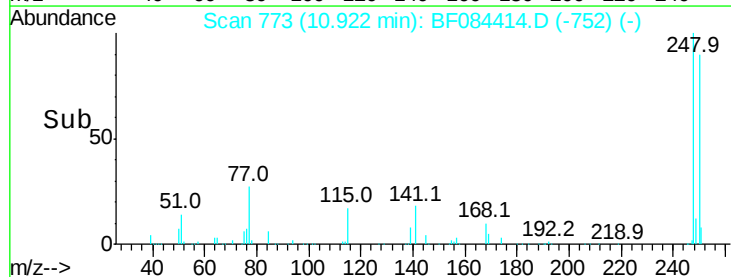
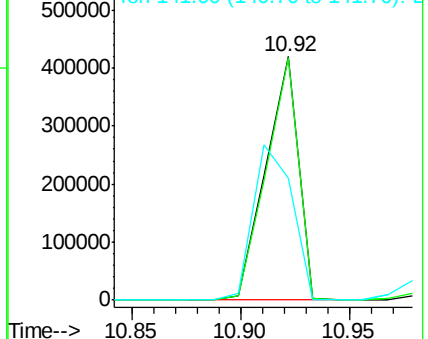
248 100

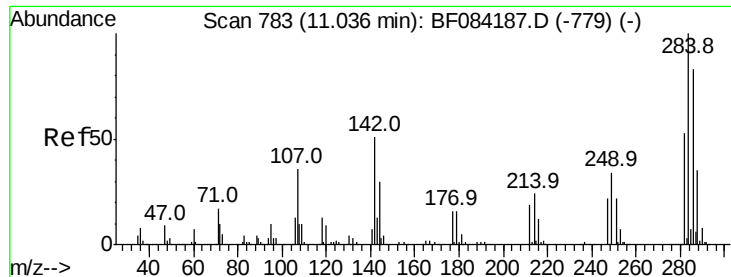
250 99.6 78.4 117.6

141 49.9 44.0 66.0



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





#67

Hexachlorobenzene

Concen: 37.90 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

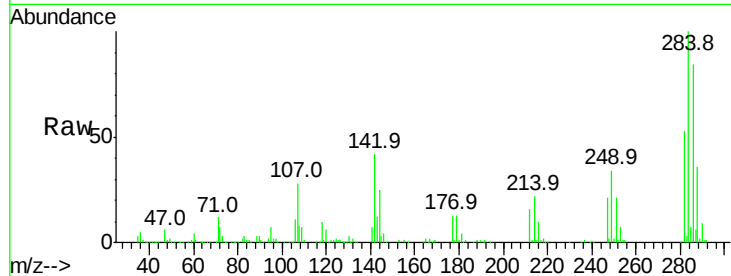
ClientSampleId :

PB87765BS

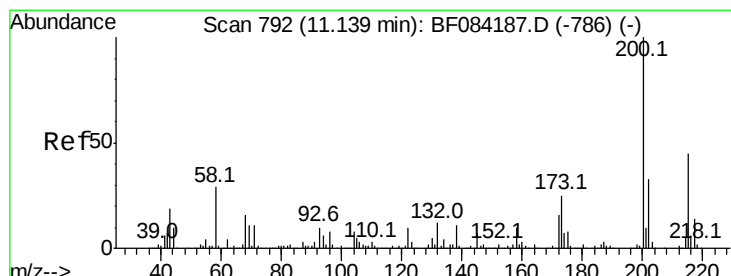
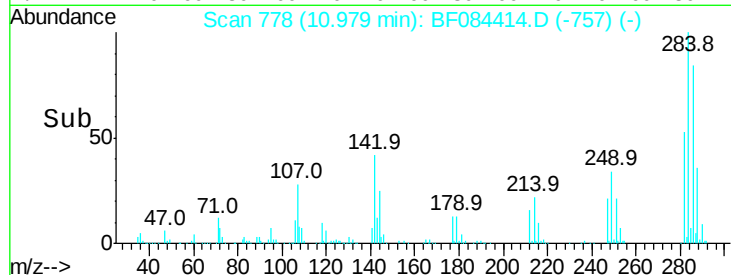
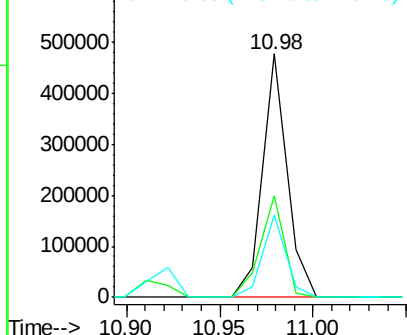
Tot Ion:	284	Resp:	434667
Ion Ratio	Lower	Upper	
284	100		
142	41.6	22.2	33.4#
249	34.1	24.6	37.0

Manual Integrations
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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: 27.43 ng

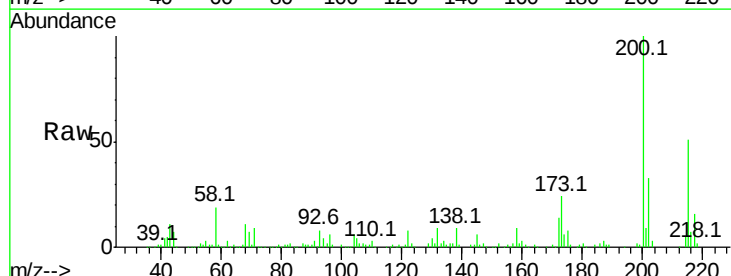
RT: 11.08 min Scan# 787

Delta R.T. -0.06 min

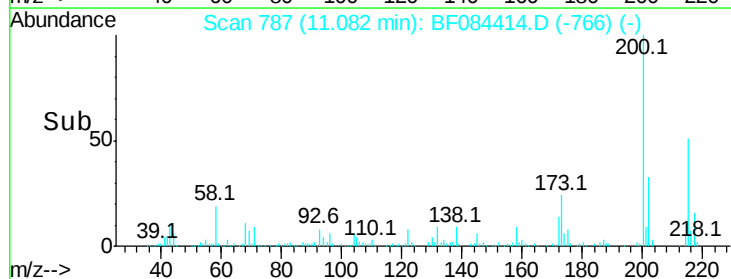
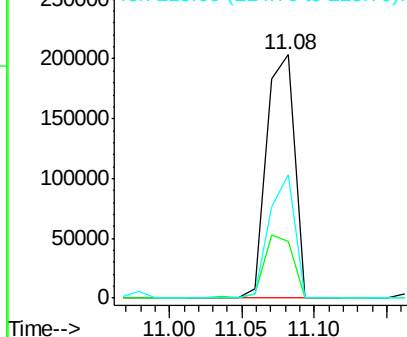
Lab File: BF084414.D

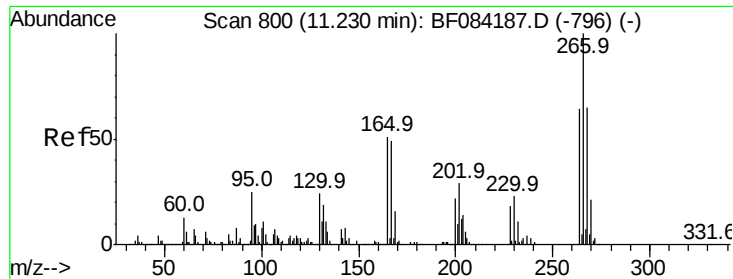
Acq: 12 Jan 2016 17:08

Tgt Ion:	200	Resp:	271685
Ion Ratio	Lower	Upper	
200	100		
173	23.5	9.5	49.5
215	50.8	23.8	63.8



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





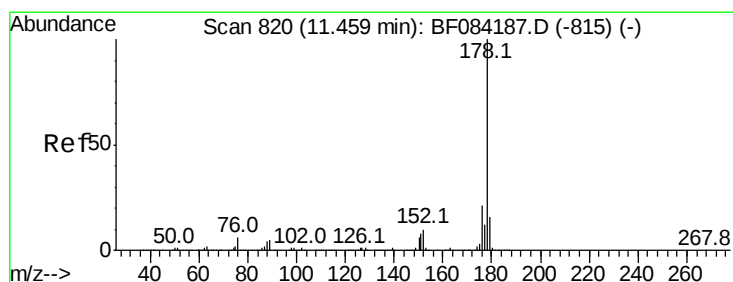
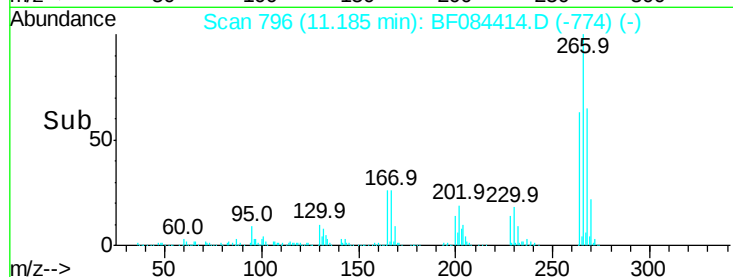
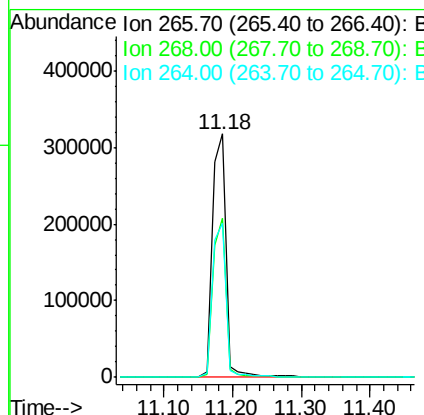
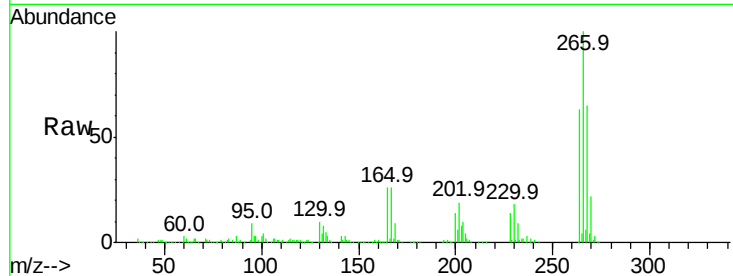
#69
 Pentachlorophenol
 Concen: 75.01 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.05 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	446051		
268	65.3		52.4	78.6
264	63.4		50.2	75.2

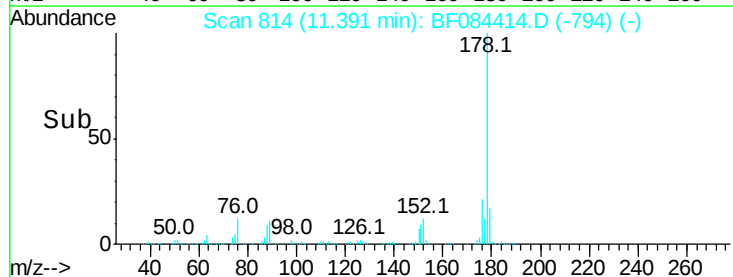
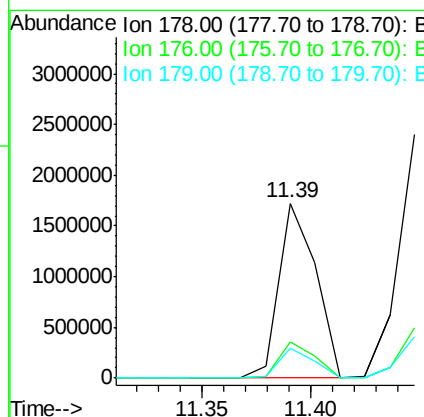
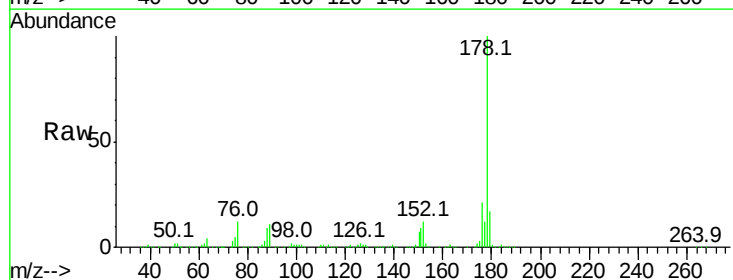
Manual Integrations
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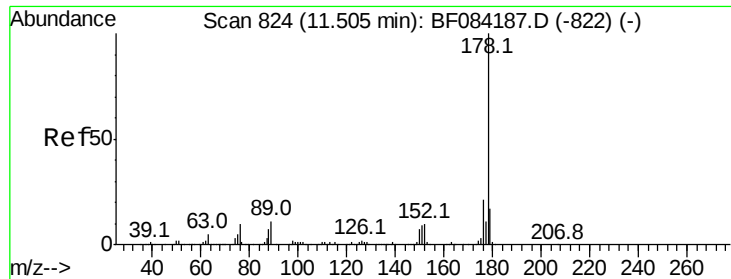
MMdadoda
 1/13/2016 3:29:38 PM



#70
 Phenanthrene
 Concen: 41.29 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2044728		
176	20.6		15.3	22.9
179	16.9		12.0	18.0





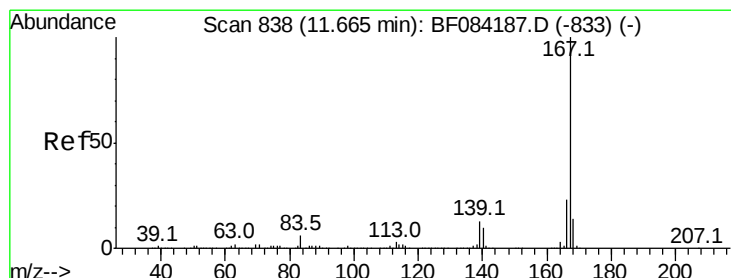
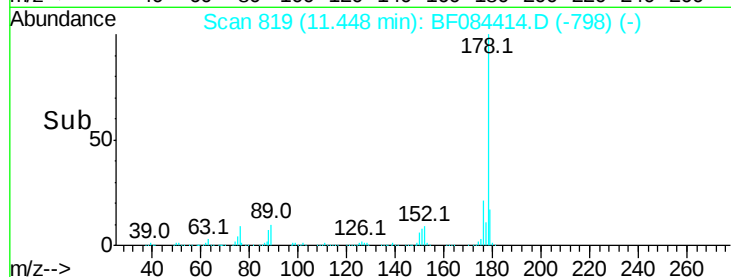
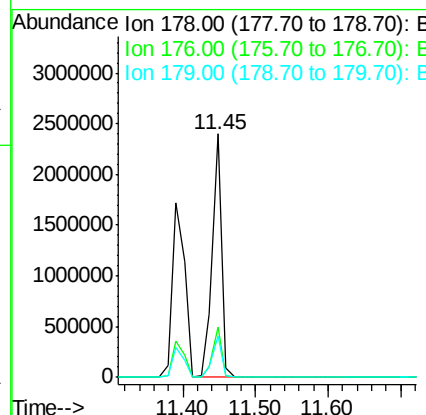
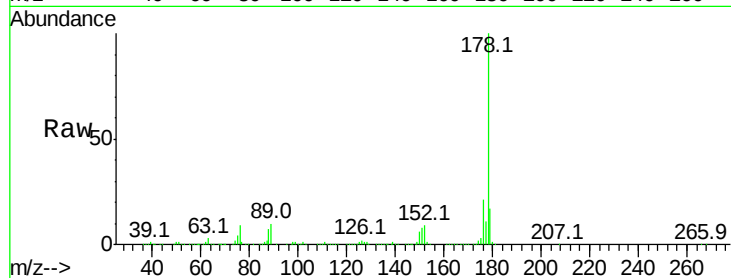
#71
 Anthracene
 Concen: 44.51 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion:178 Resp: 2160906
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.0
 179 17.1 12.5 18.7

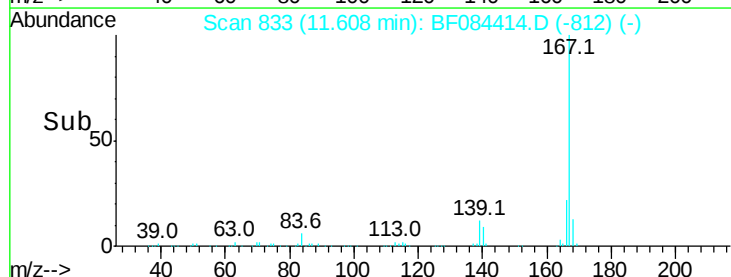
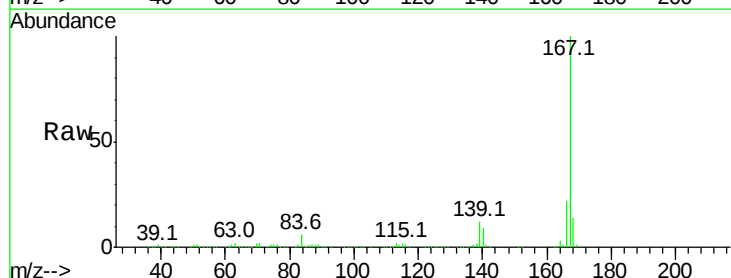
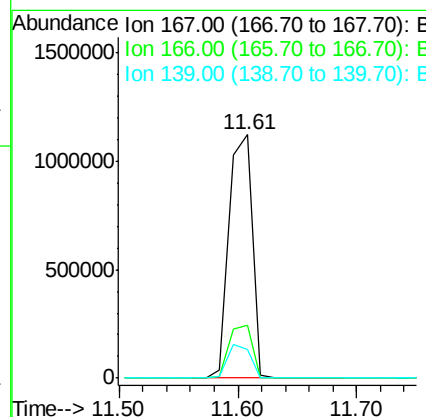
Manual Integrations
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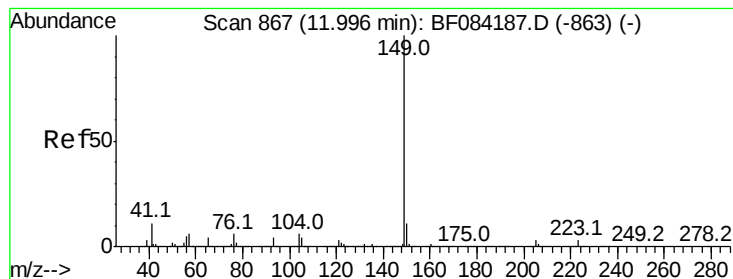
MMdadoda
 1/13/2016 3:29:38 PM



#72
 Carbazole
 Concen: 32.03 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion:167 Resp: 1520111
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 11.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 47.48 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

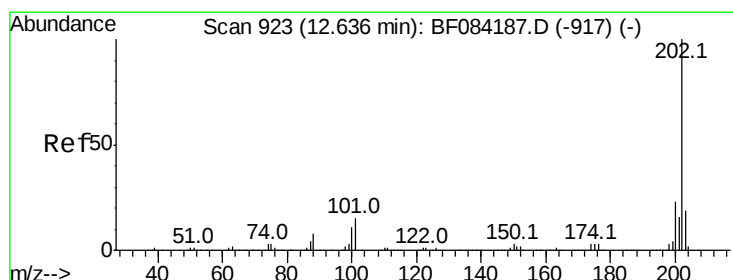
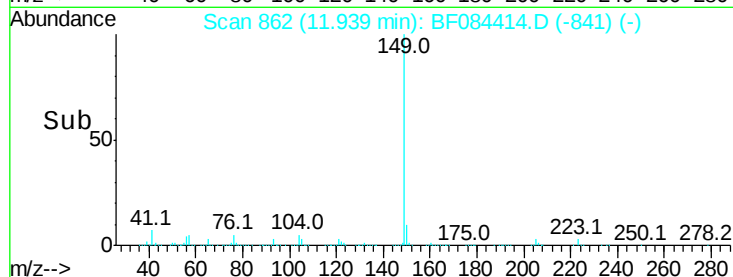
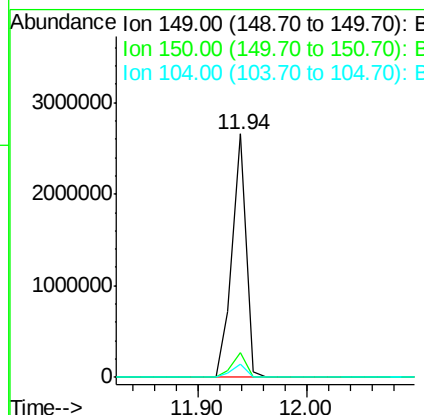
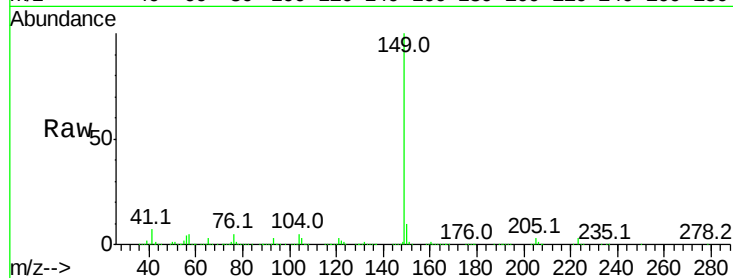
ClientSampleId :

PB87765BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.1	10.7
104	5.5	3.2	4.8



#74

Fluoranthene

Concen: 38.75 ng

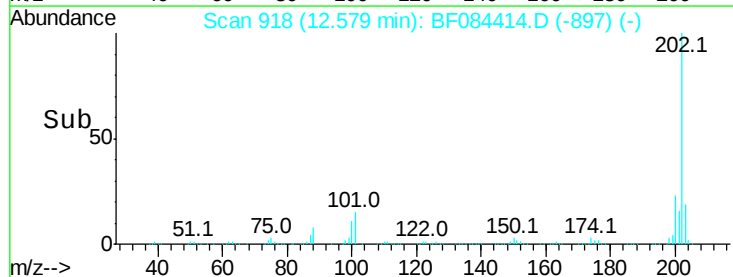
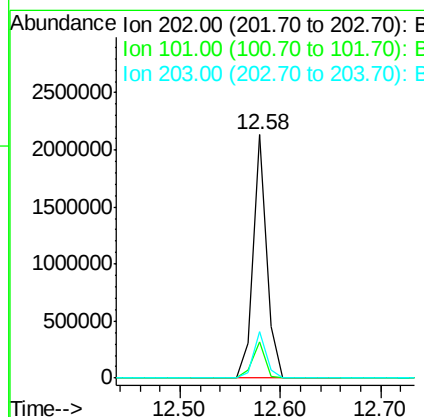
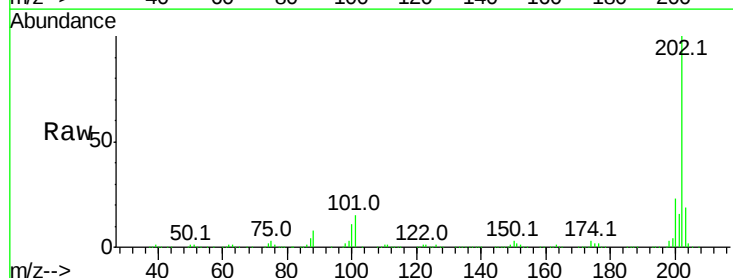
RT: 12.58 min Scan# 918

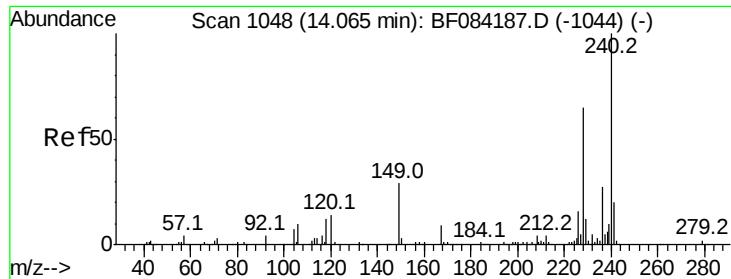
Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.8
203	19.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

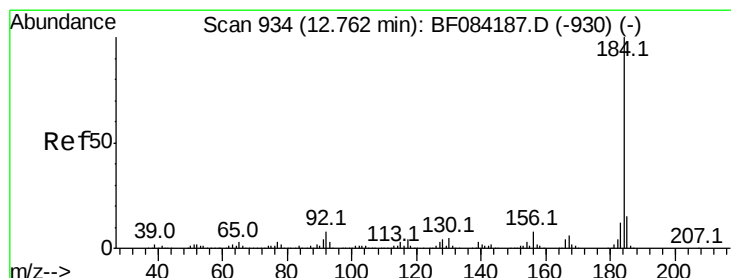
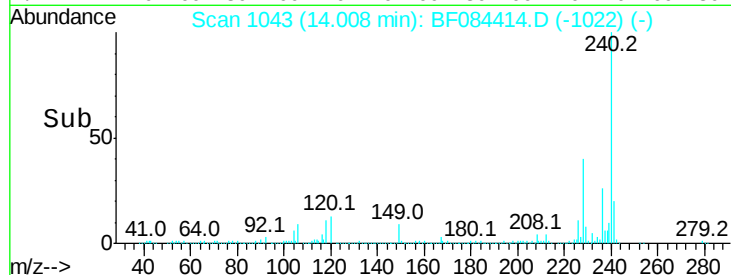
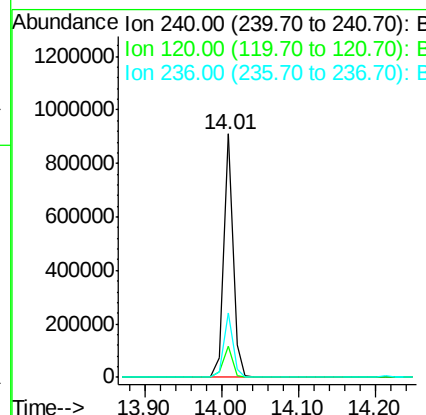
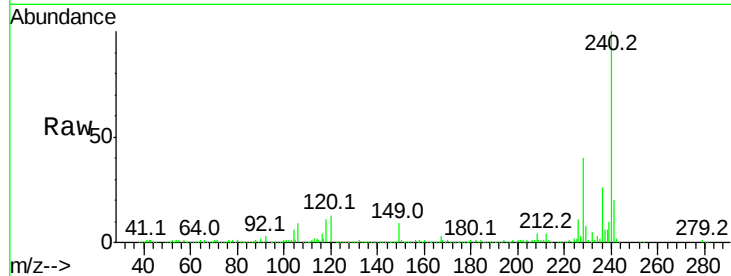
ClientSampleId :

PB87765BS

Tot Ion:	240	Resp:	769902
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	26.3	20.6	31.0

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#76

Benzidine

Concen: 2.35 ng

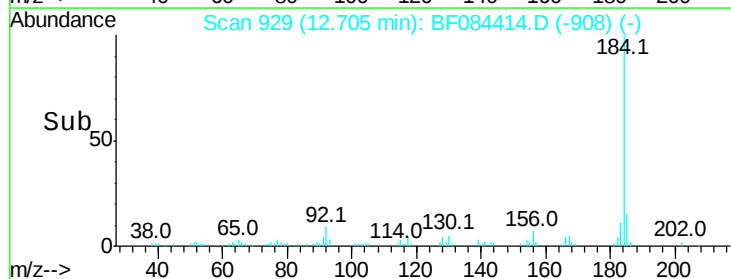
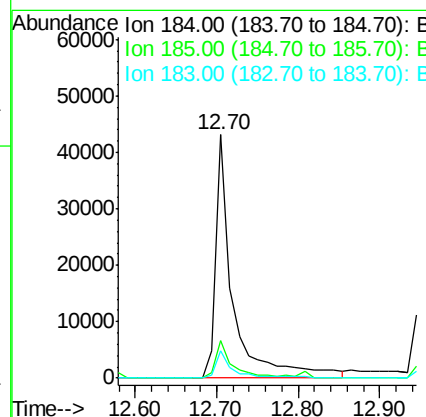
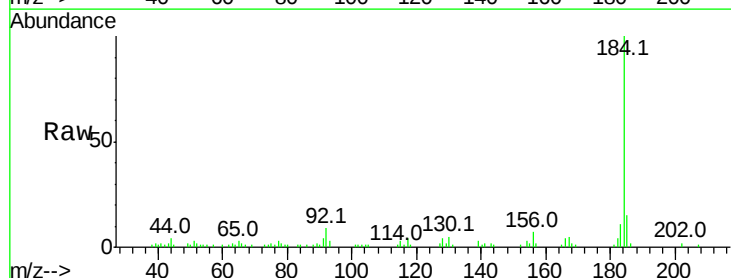
RT: 12.70 min Scan# 929

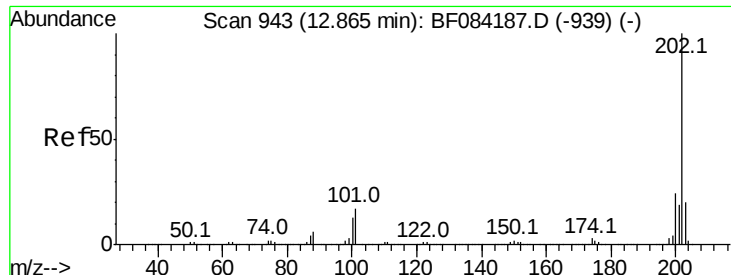
Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Tgt Ion:	184	Resp:	64967
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	11.1	9.8	14.8





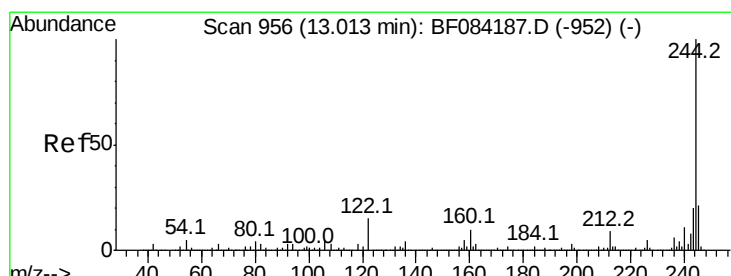
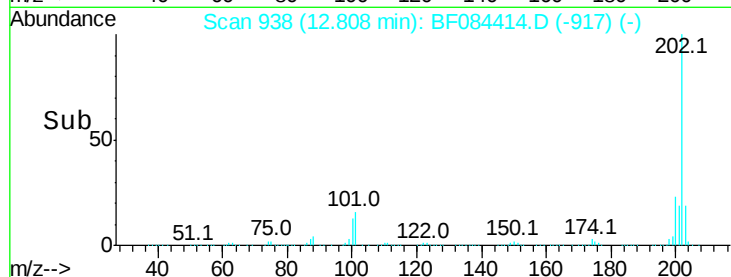
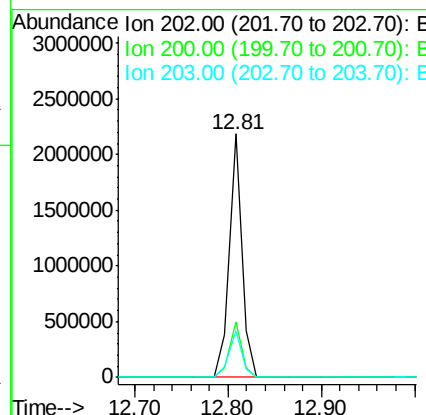
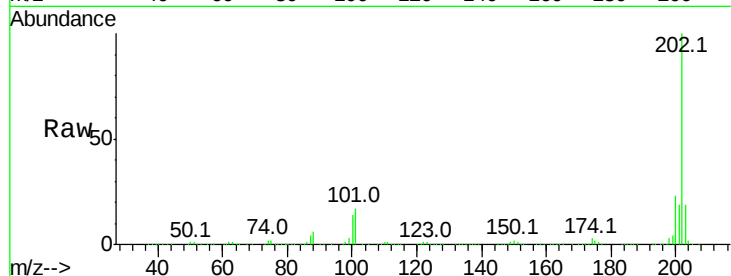
#77
Pvrene
Concen: 34.12 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.2	25.8
203	19.1	14.3	21.5

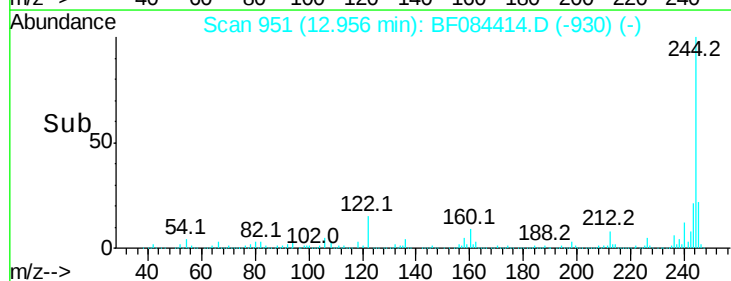
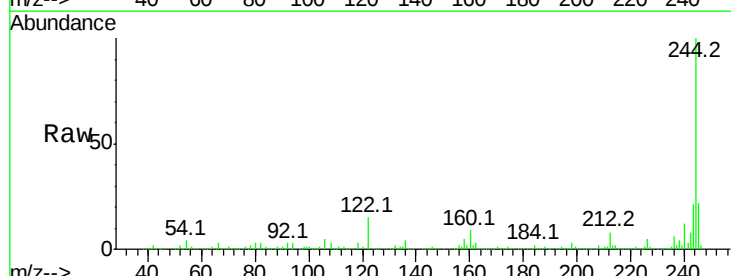
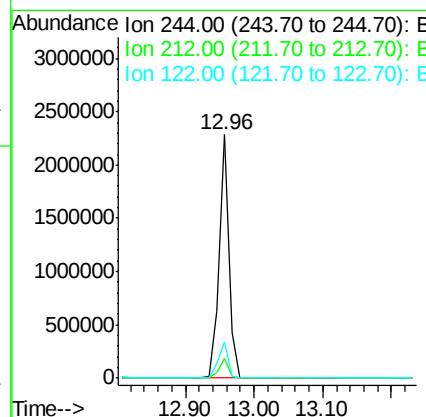
Manual Integrations
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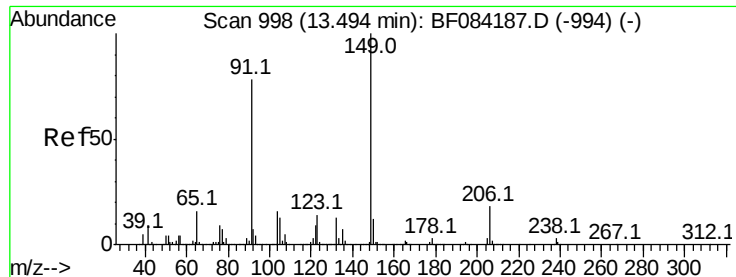
MMdadoda
1/13/2016 3:29:38 PM



#78
Terphenyl-d14
Concen: 67.01 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.0	7.4	11.0





#79

Butylbenzylphthalate

Concen: 39.67 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampled :

PB87765BS

Tot Ion:149 Resp: 1037107

Ion Ratio Lower Upper

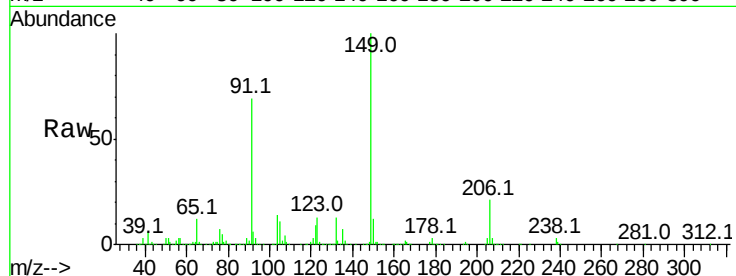
149 100

91 68.5 57.6 86.4

206 21.0 13.2 19.8#

Manual Integrations
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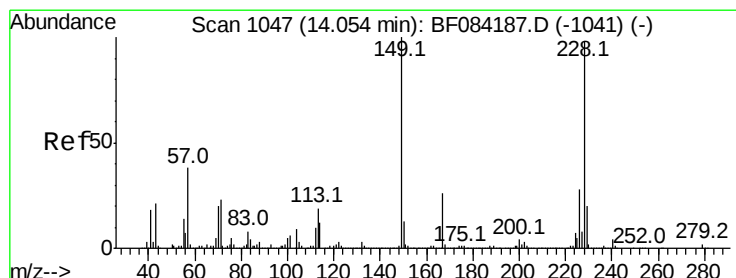
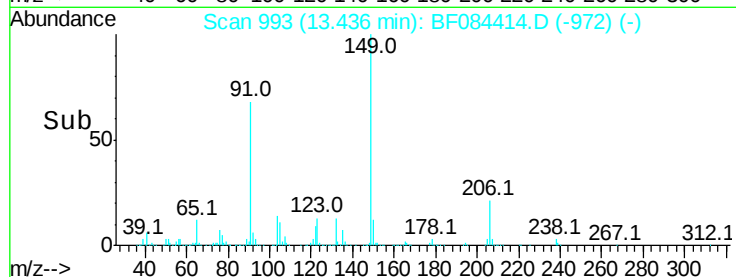
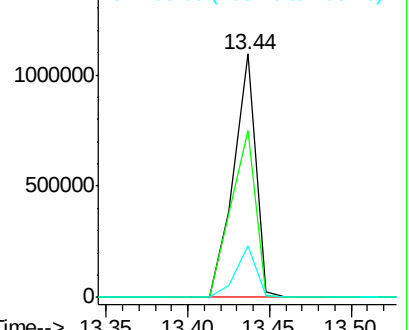
MMdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.63 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

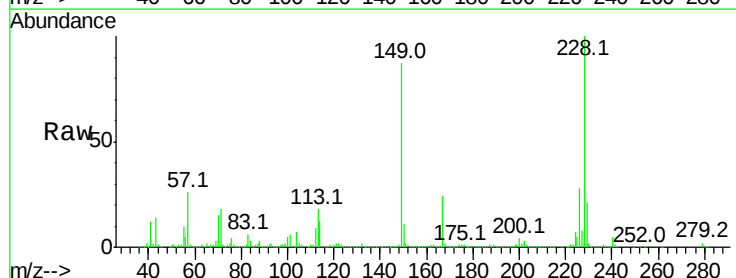
Tgt Ion:228 Resp: 1655973

Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.6

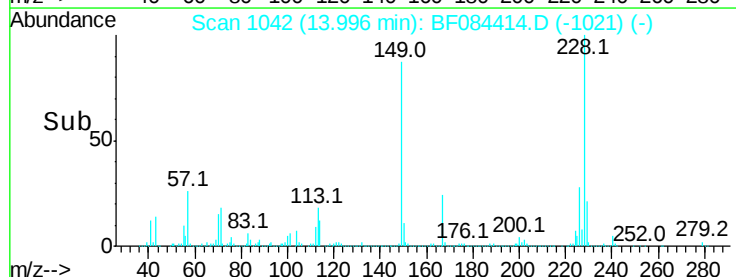
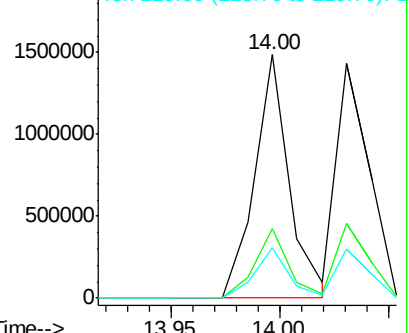
229 20.5 15.8 23.8

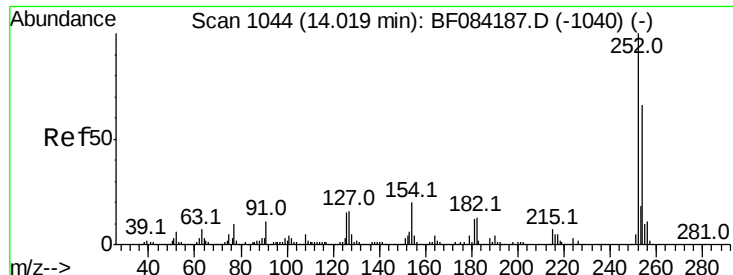


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





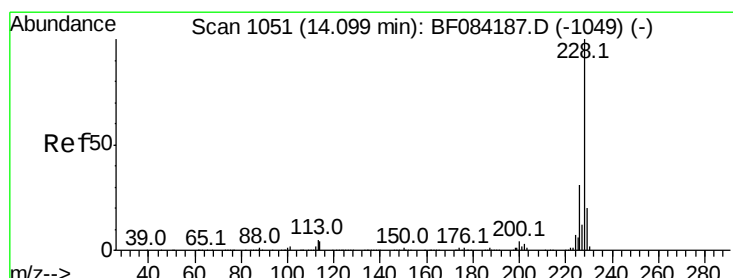
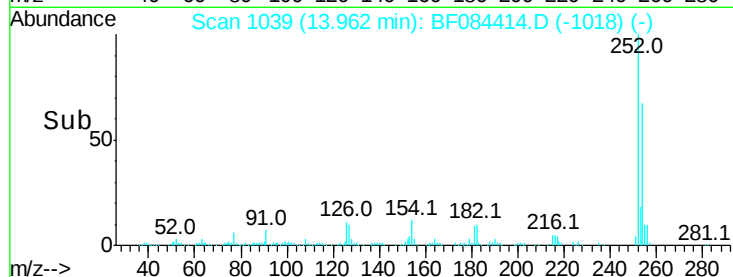
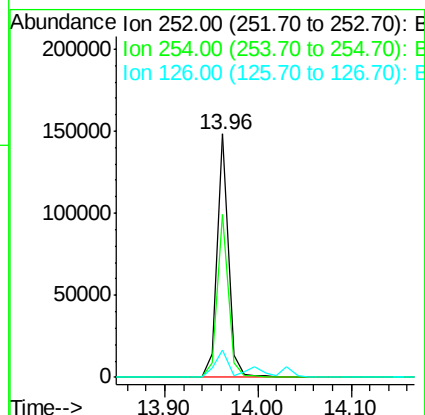
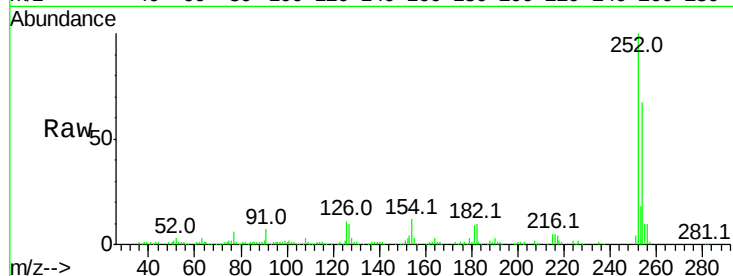
#81
 3,3'-Dichlorobenzidine
 Concen: 7.88 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	67.0	53.5	80.3
126	11.5	4.9	7.3

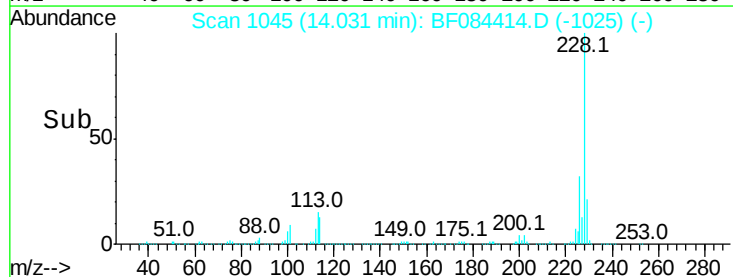
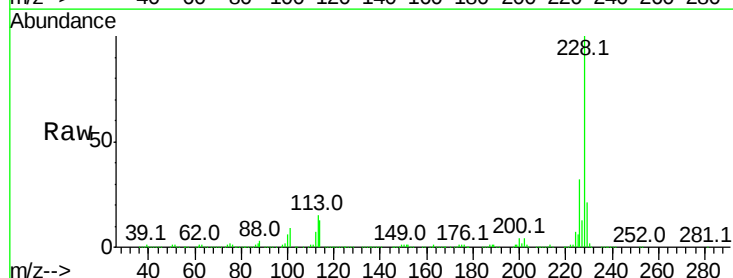
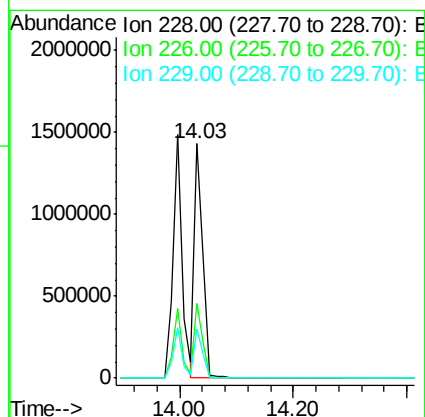
Manual Integrations
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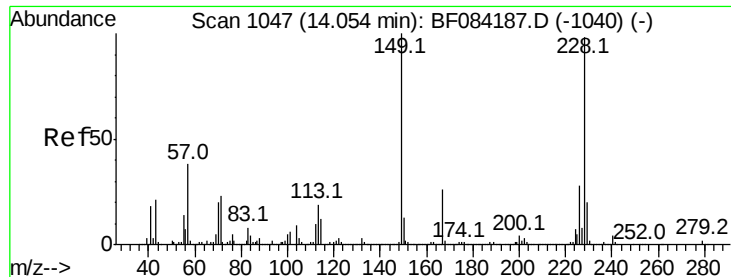
MMdadoda
 1/13/2016 3:29:38 PM



#82
 Chrysene
 Concen: 34.96 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	24.3	36.5
229	21.2	16.1	24.1





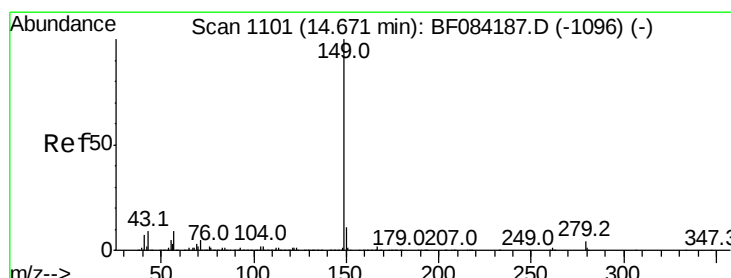
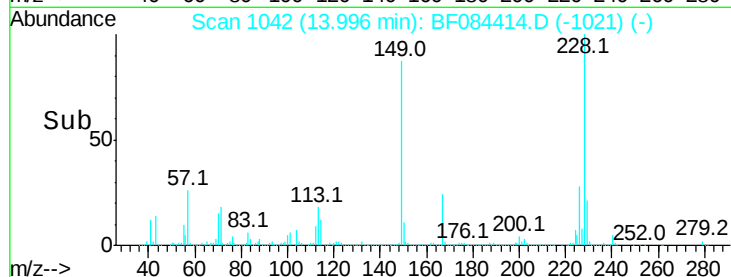
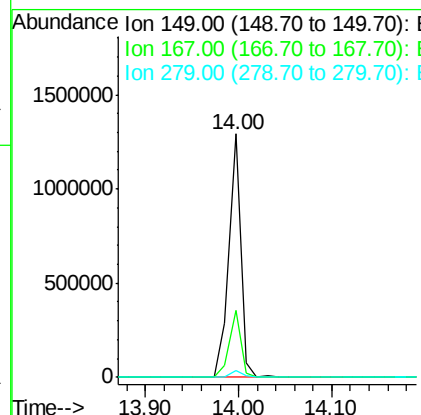
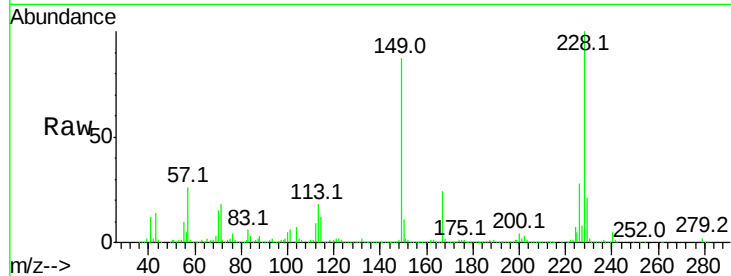
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.83 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion:149 Resp: 1150403
 Ion Ratio Lower Upper
 149 100
 167 27.3 19.7 29.5
 279 2.8 1.8 2.6#

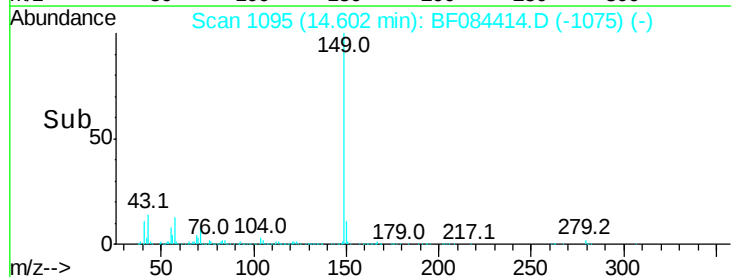
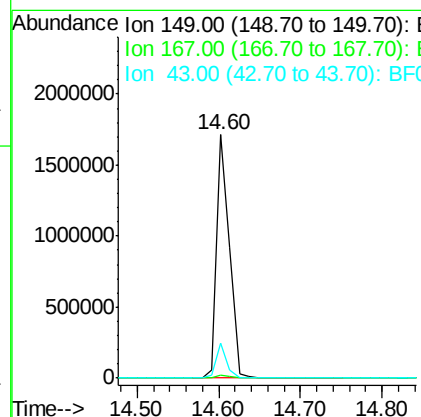
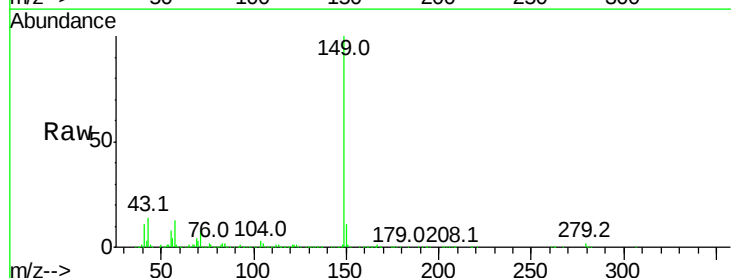
Manual Integrations
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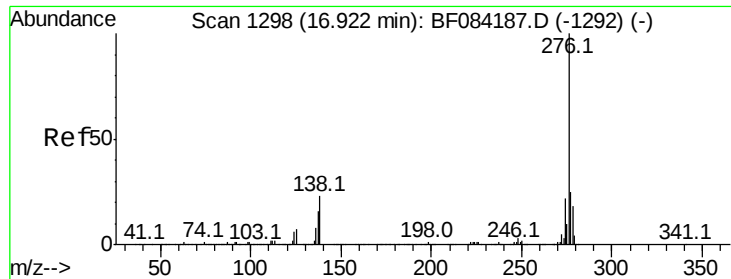
MMdadoda
 1/13/2016 3:29:38 PM



#84
 Di-n-octyl phthalate
 Concen: 33.77 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.07 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Tgt Ion:149 Resp: 1883022
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 5.6 8.4#





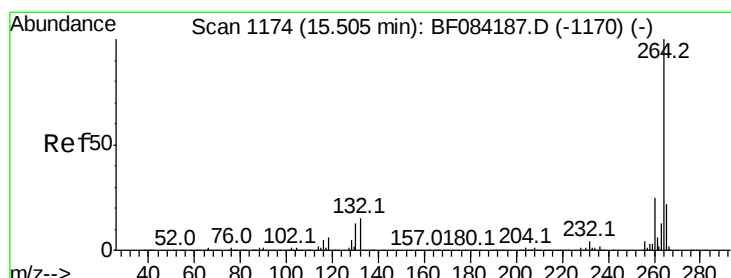
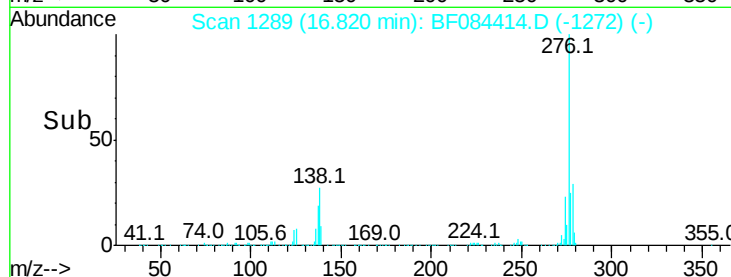
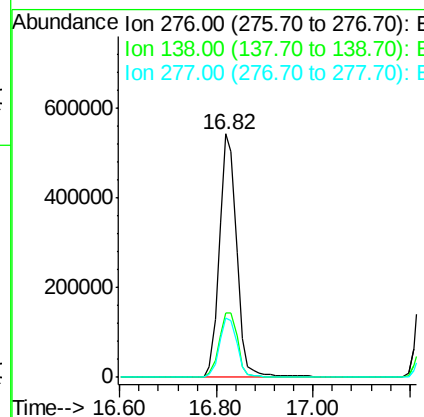
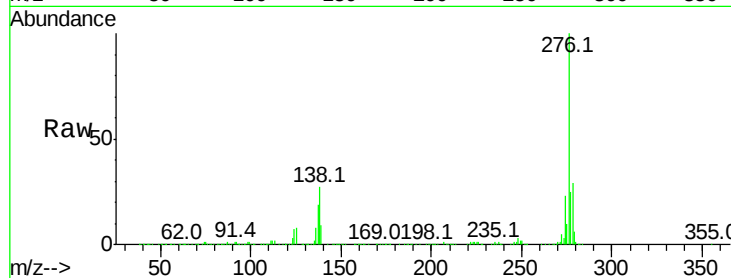
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.87 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion:276 Resp: 1372938
Ion Ratio Lower Upper
276 100
138 28.7 20.6 30.8
277 25.3 20.1 30.1

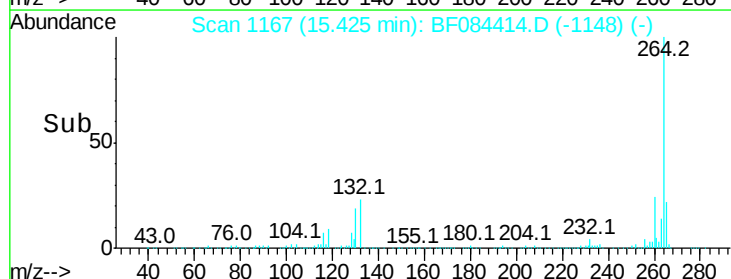
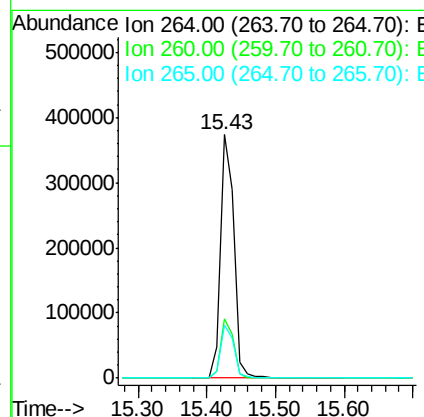
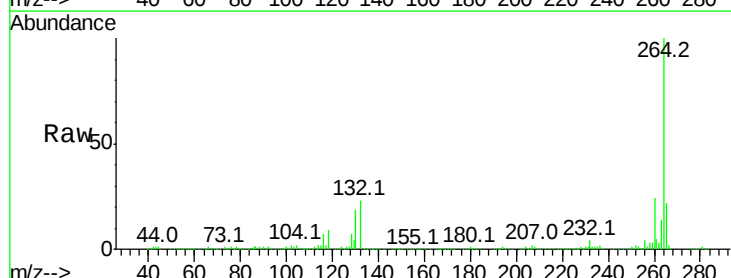
Manual Integrations
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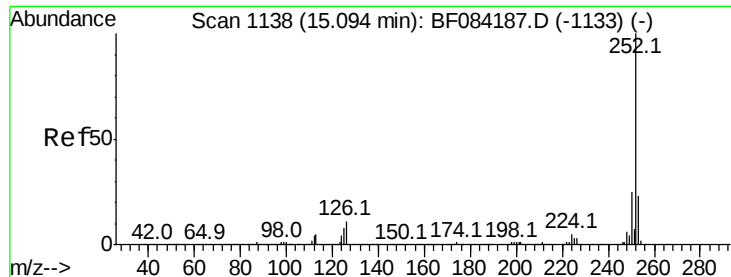
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion:264 Resp: 516488
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.8 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 43.93 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PB87765BS

Tot Ion:252 Resp: 1484336

Ion Ratio Lower Upper

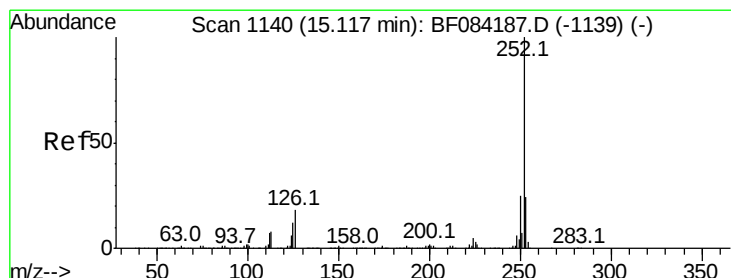
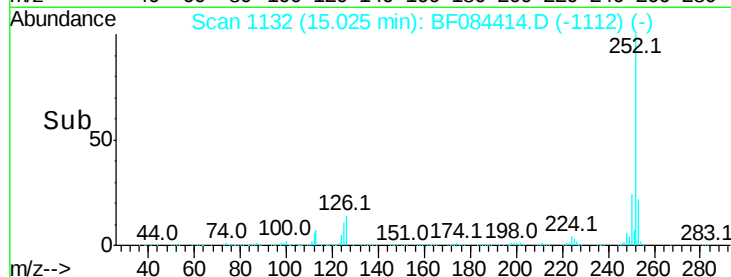
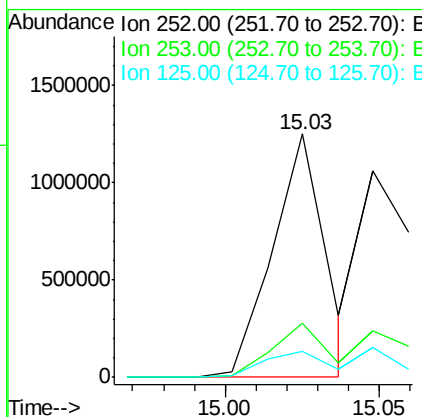
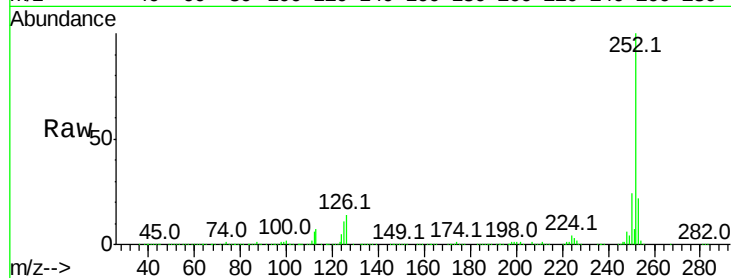
252 100

253 22.3 17.3 25.9

125 10.5 6.5 9.7#

Manual Integrations
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1/13/2016 3:29:38 PM



#88

Benzo(k)fluoranthene

Concen: 47.40 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084414.D

Acq: 12 Jan 2016 17:08

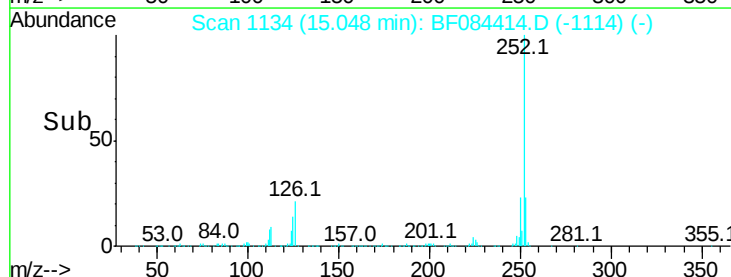
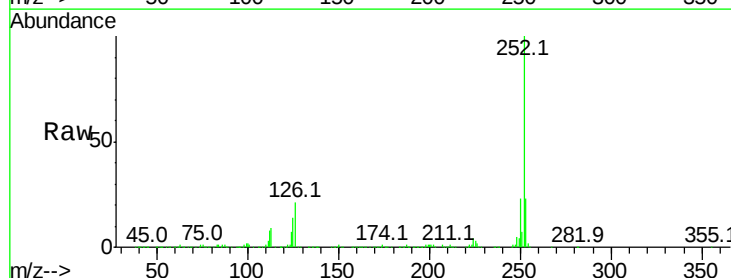
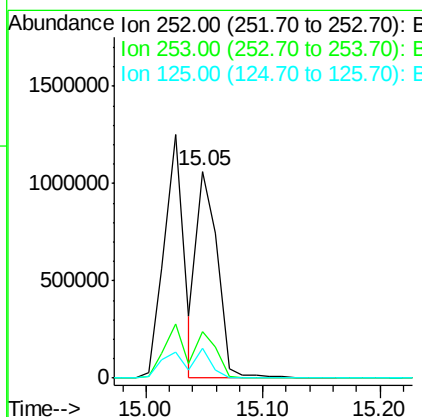
Tgt Ion:252 Resp: 1309872

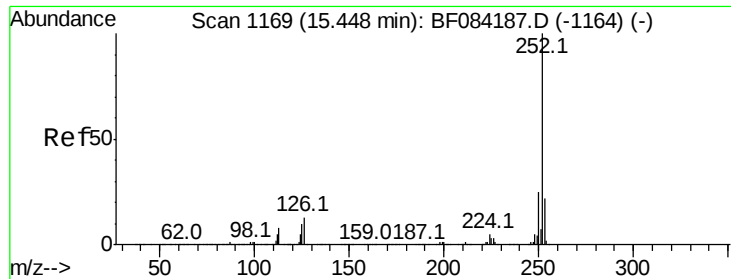
Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 14.5 9.0 13.6#





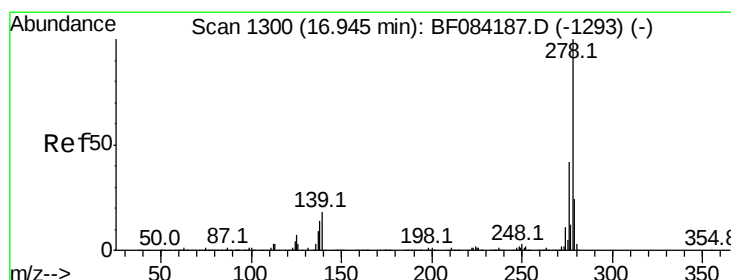
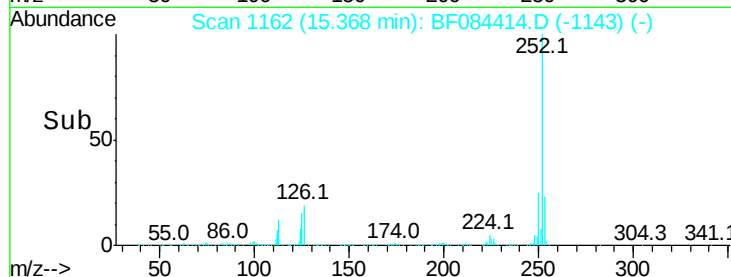
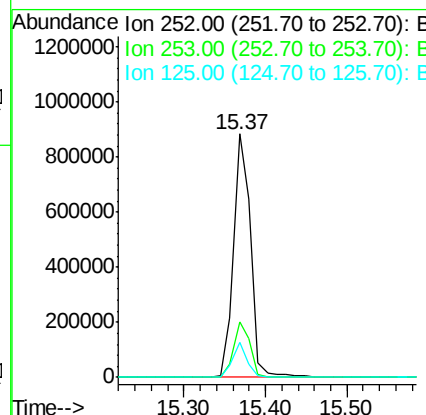
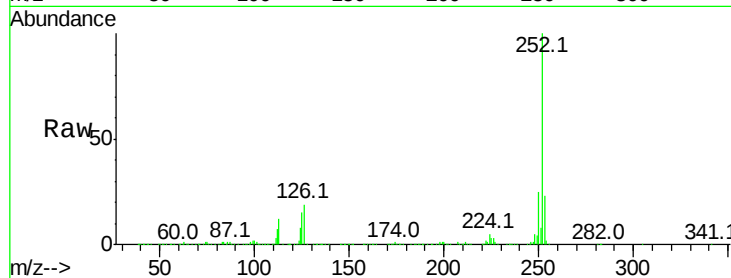
#89
Benzo(a)pyrene
Concen: 44.40 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.6	7.0	10.4

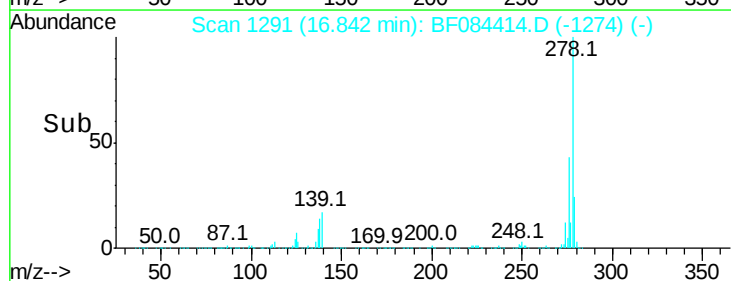
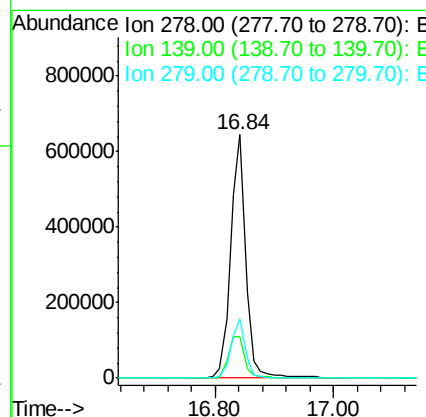
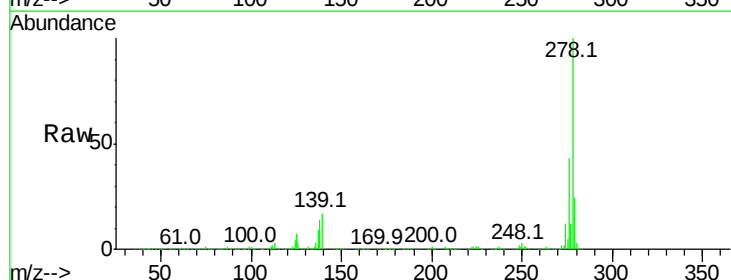
Manual Integrations
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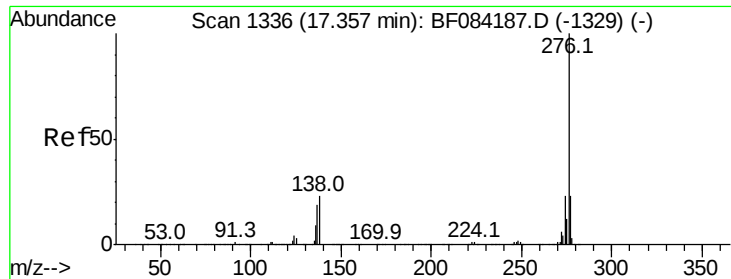
MMdadoda
1/13/2016 3:29:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.14 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084414.D
Acq: 12 Jan 2016 17:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.0	22.4
279	24.4	18.9	28.3





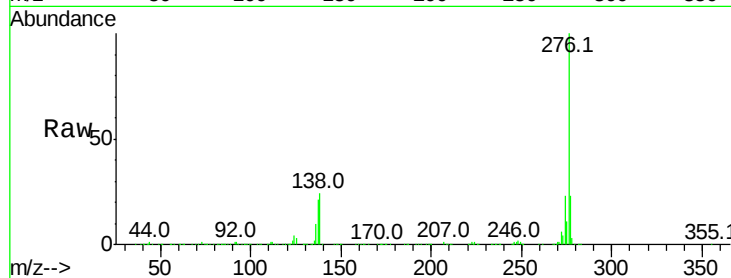
#91
 Benzo(a,h,i)perylene
 Concen: 46.45 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.11 min
 Lab File: BF084414.D
 Acq: 12 Jan 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	24.5	17.8	26.6

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:29:38 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

