

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084752.D
 Acq On : 2 Feb 2016 18:12
 Operator : SJ/IZ
 Sample : PB88120BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Manual Integrations
 APPROVED

MMDadoda
 2/3/2016 6:25:36 PM

Quant Time: Feb 03 02:32:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	194379	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	787251	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	385054	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	722338	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	531236	20.00	ng	-0.02
86) Perylene-d12	15.23	264	480921	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1230664	98.62	ng	-0.01
7) Phenol-d6	6.35	99	1631159	105.43	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1051889	75.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	454843	113.25	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1871415	80.34	ng	-0.02
78) Terphenyl-d14	12.81	244	1876962	80.06	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	151699	27.75	ng	# 72
3) Pyridine	2.93	79	471985	33.14	ng	# 75
4) n-Nitrosodimethylamine	2.89	42	246711	33.49	ng	# 78
6) Aniline	6.36	93	203823	10.77	ng	# 1
8) 2-Chlorophenol	6.49	128	499341	35.35	ng	96
9) Benzaldehyde	6.24	77	165406	18.10	ng	94
10) Phenol	6.37	94	495541	28.59	ng	82
11) bis(2-Chloroethyl)ether	6.44	93	441783m	32.69	ng	
12) 1,3-Dichlorobenzene	6.64	146	475106	31.83	ng	# 93
13) 1,4-Dichlorobenzene	6.72	146	498736	33.43	ng	95
14) 1,2-Dichlorobenzene	6.86	146	427651	30.78	ng	96
15) Benzyl Alcohol	6.85	79	378275	35.41	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.99	45	723532	31.83	ng	88
17) 2-Methylphenol	6.98	107	399839	35.79	ng	# 93
18) Hexachloroethane	7.21	117	185208	32.24	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	337234	34.77	ng	# 77
20) 3+4-Methylphenols	7.13	107	489109	35.27	ng	# 81
22) Acetophenone	7.12	105	665066	32.05	ng	100
24) Nitrobenzene	7.29	77	483345	32.30	ng	98
25) Isophorone	7.53	82	896118	32.98	ng	97
26) 2-Nitrophenol	7.61	139	269045	36.45	ng	# 89
27) 2,4-Dimethylphenol	7.65	122	425130	33.11	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	531261	32.95	ng	99
29) 2,4-Dichlorophenol	7.86	162	392578	35.74	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	398228	32.10	ng	95
31) Naphthalene	8.01	128	1310610	33.19	ng	100
32) Benzoic acid	7.79	122	241168	29.37	ng	96
33) 4-Chloroaniline	8.06	127	101614	6.22	ng	96
34) Hexachlorobutadiene	8.13	225	242690	33.92	ng	97
35) Caprolactam	8.44	113	129905m	38.37	ng	
36) 4-Chloro-3-methylphenol	8.57	107	474154	37.84	ng	96
37) 2-Methylnaphthalene	8.70	142	954816	38.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	355536	29.07	ng	98
40) Hexachlorocyclopentadiene	8.85	237	366633	71.15	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	274123	34.79	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	268338	33.52	nq #	82
45) 1,1'-Biphenyl	9.16	154	1043220	30.33	nq	97
46) 2-Chloronaphthalene	9.18	162	778904	30.75	nq	96
47) 2-Nitroaniline	9.29	65	250183	31.20	nq	98
48) Acenaphthylene	9.60	152	1251265	32.56	nq	98
49) Dimethylphthalate	9.48	163	1023753	34.91	nq #	92
50) 2,6-Dinitrotoluene	9.54	165	233901	36.51	nq	96
51) Acenaphthene	9.77	154	815999	32.63	nq	98
52) 3-Nitroaniline	9.70	138	64294	8.93	nq #	86
53) 2,4-Dinitrophenol	9.81	184	222407	75.56	nq #	90
54) Dibenzofuran	9.95	168	1184802	38.77	nq	99
55) 4-Nitrophenol	9.88	139	288778	54.58	nq #	75
56) 2,4-Dinitrotoluene	9.94	165	296599	36.30	nq #	87
57) Fluorene	10.28	166	868366	34.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	220233	36.14	nq	93
59) Diethylphthalate	10.18	149	1028111	35.90	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	410829	37.03	nq	96
61) 4-Nitroaniline	10.32	138	214371	30.56	nq	94
62) Azobenzene	10.44	77	1081138	39.26	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	161986	36.33	nq	76
65) n-Nitrosodiphenylamine	10.41	169	849032	37.02	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	277764	34.82	nq	97
67) Hexachlorobenzene	10.83	284	291122	33.49	nq #	87
68) Atrazine	10.93	200	247409	34.16	nq	97
69) Pentachlorophenol	11.04	266	280576	68.68	nq	99
70) Phenanthrene	11.24	178	1291629	32.24	nq	97
71) Anthracene	11.30	178	1468800	36.38	nq	100
72) Carbazole	11.46	167	1307302	37.14	nq	97
73) Di-n-butylphthalate	11.79	149	1449998	32.35	nq #	96
74) Fluoranthene	12.43	202	1509784	37.23	nq	93
76) Benzidine	12.56	184	251310	16.29	nq	97
77) Pyrene	12.65	202	1397226	34.35	nq	99
79) Butylbenzylphthalate	13.29	149	678555	36.78	nq #	86
80) Benzo(a)anthracene	13.84	228	1186507	35.99	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	153478	13.15	nq #	95
82) Chrysene	13.88	228	1123324	35.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	818455	35.64	nq #	97
84) Di-n-octyl phthalate	14.45	149	1282382	33.85	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.52	276	915271	36.37	nq	98
87) Benzo(b)fluoranthene	14.84	252	1247220m	38.60	nq	
88) Benzo(k)fluoranthene	14.88	252	739961m	27.70	nq	
89) Benzo(a)pyrene	15.17	252	908033	32.98	nq	97
90) Dibenzo(a,h)anthracene	16.55	278	750670	32.39	nq #	94
91) Benzo(g,h,i)perylene	16.91	276	771834	33.06	nq	100

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

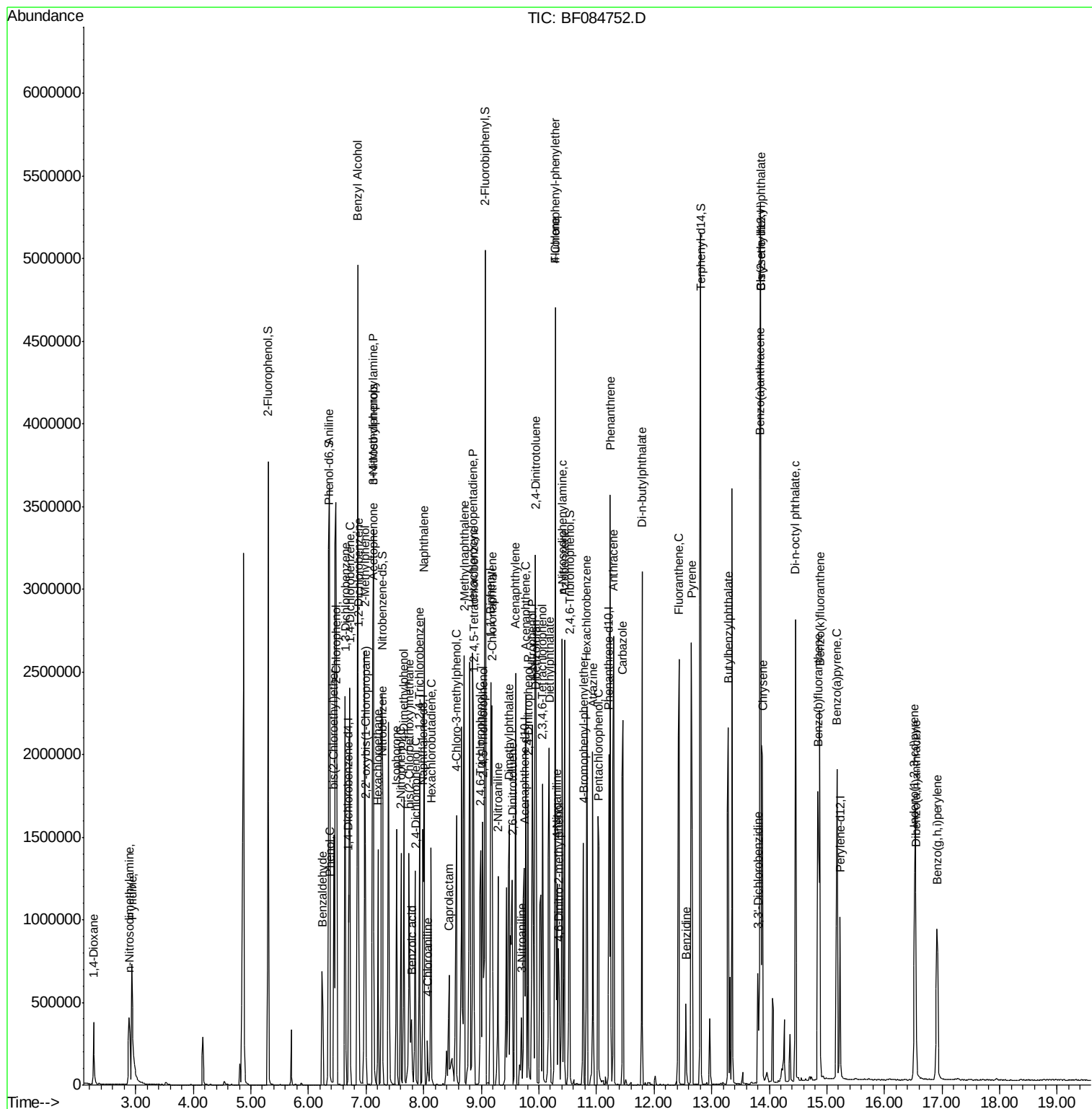
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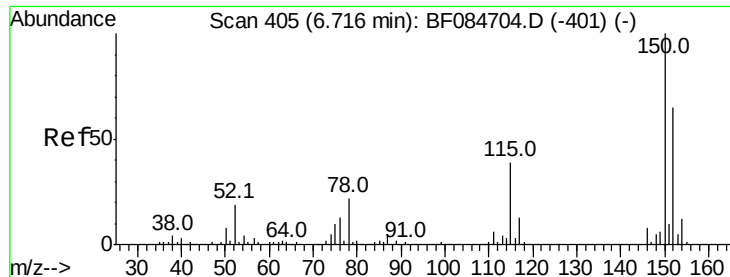
Instrument :
BNA_F
ClientSampleId :
PB88120BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:152 Resp: 194379

Ion Ratio Lower Upper

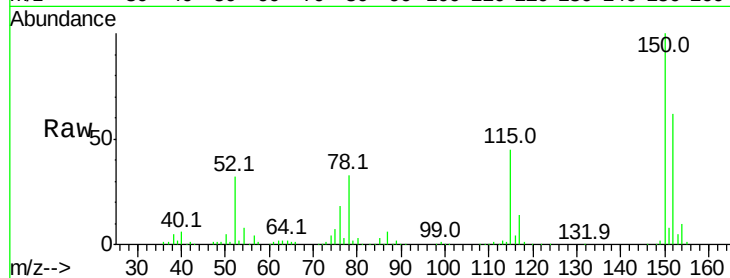
152 100

150 162.4 123.0 184.4

115 73.8 51.4 77.2

Manual Integrations
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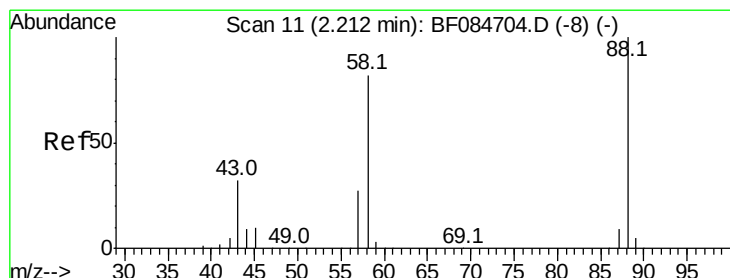
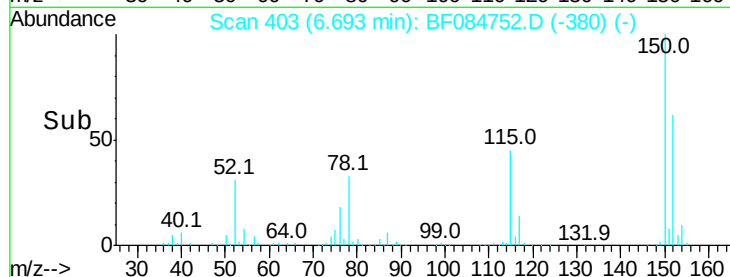
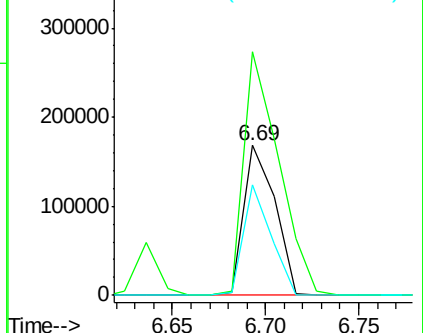
MMDadoda
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.75 ng

RT: 2.27 min Scan# 16

Delta R.T. 0.05 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

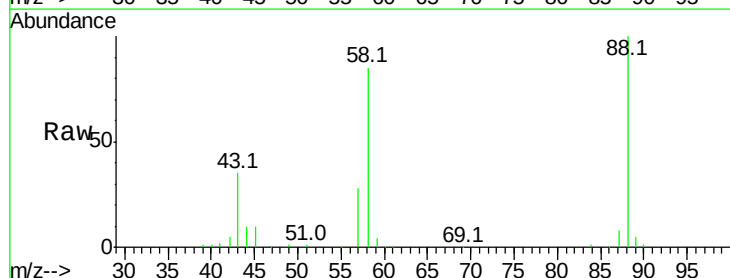
Tgt Ion: 88 Resp: 151699

Ion Ratio Lower Upper

88 100

58 86.4 51.2 76.8#

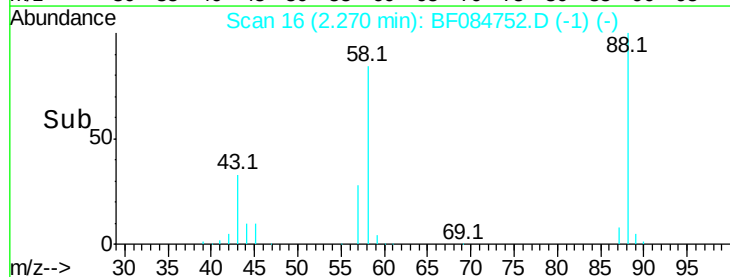
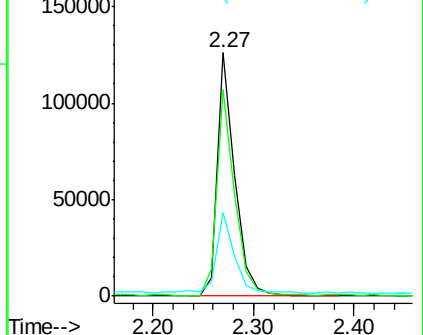
43 37.6 19.5 29.3#

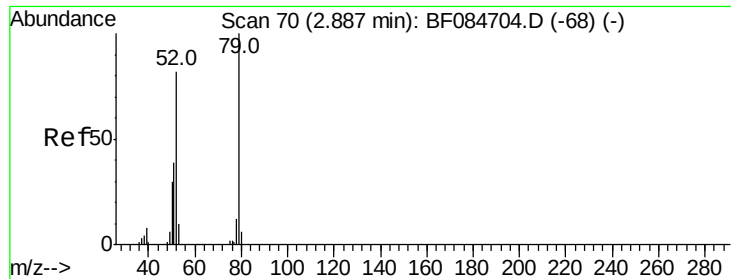


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.14 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

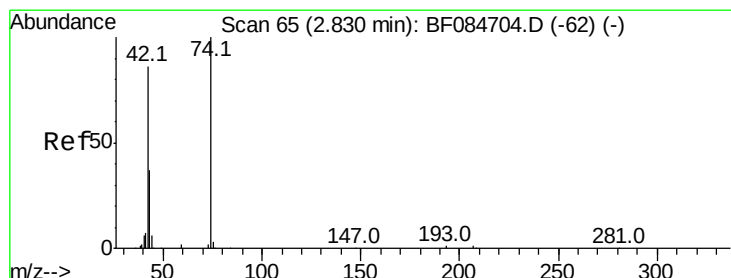
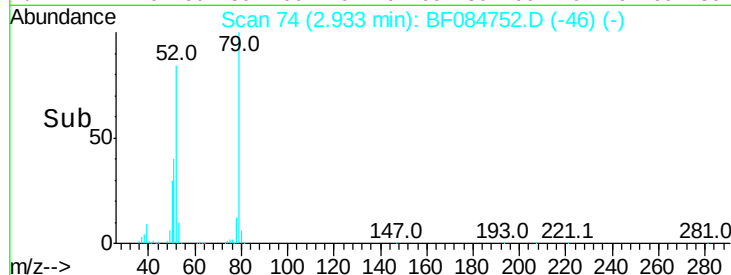
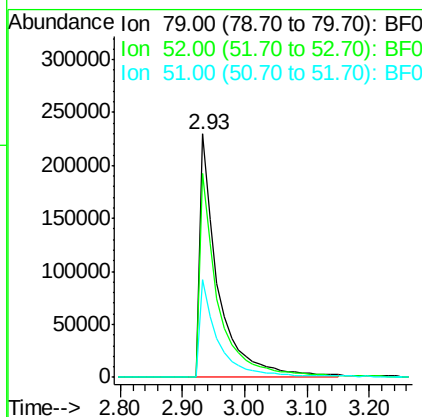
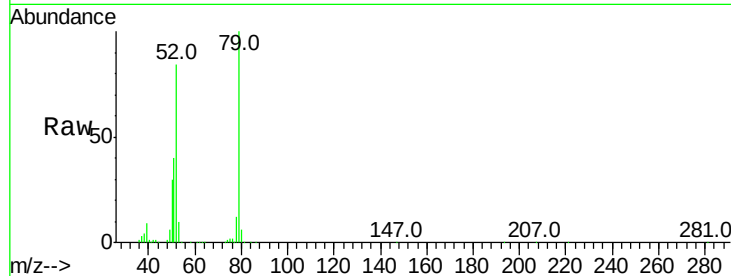
ClientSampleId :

PB88120BS

Tot Ion:	79	Resp:	471985
Ion Ratio	Lower	Upper	
79	100		
52	83.9	49.0	73.4#
51	40.0	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 33.49 ng

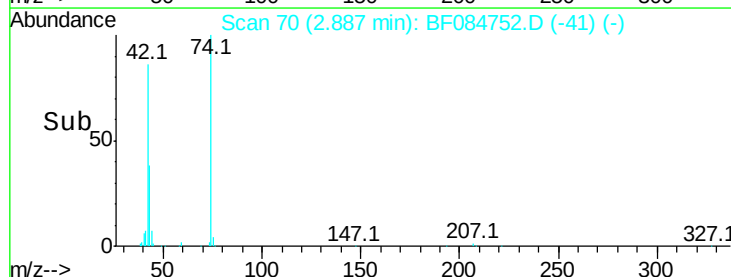
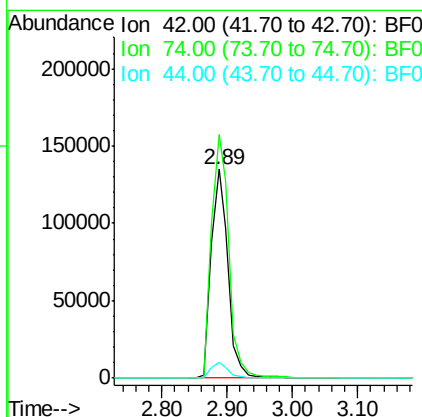
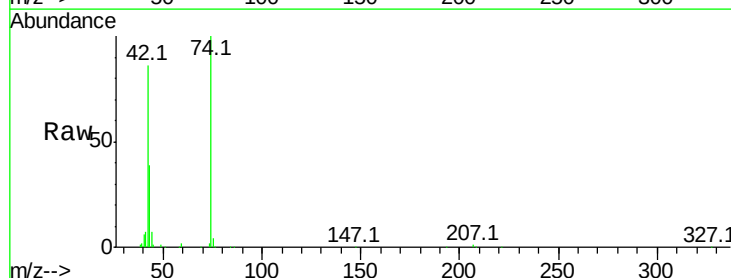
RT: 2.89 min Scan# 70

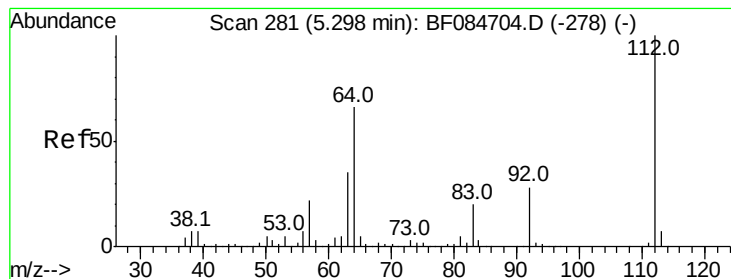
Delta R.T. 0.04 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	42	Resp:	246711
Ion Ratio	Lower	Upper	
42	100		
74	116.5	115.7	173.5
44	7.8	5.1	7.7#





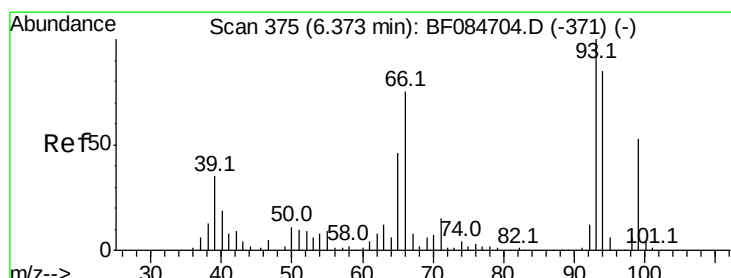
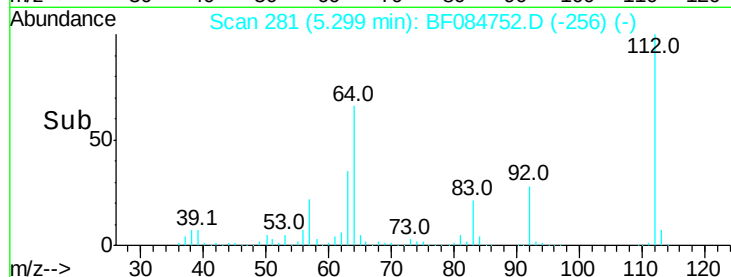
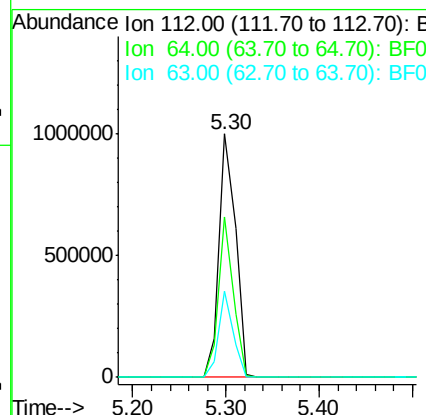
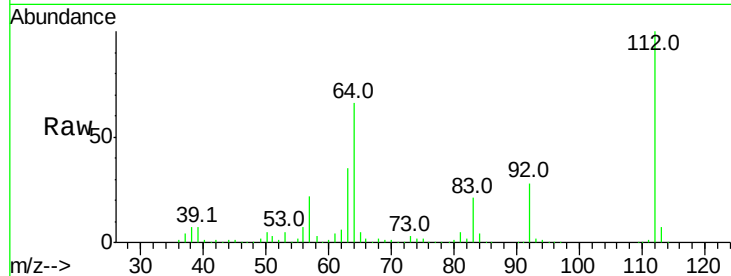
#5
 2-Fluorophenol
 Concen: 98.62 ng
 RT: 5.30 min Scan# 281
 Delta R.T. -0.01 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
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Tot Ion	Ratio	Lower	Upper
112	100		
64	66.1	36.6	55.0#
63	35.2	19.4	29.0#

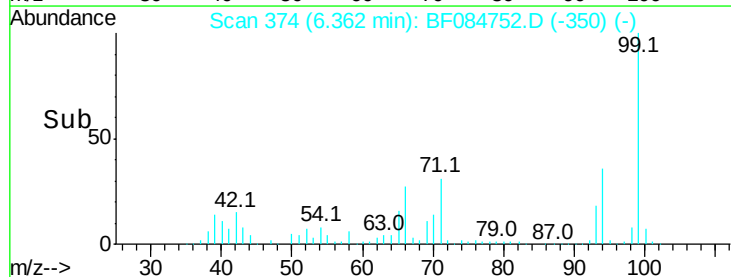
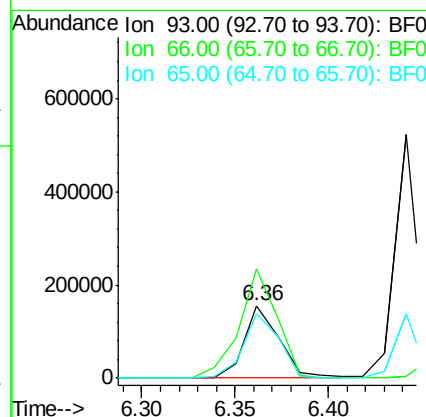
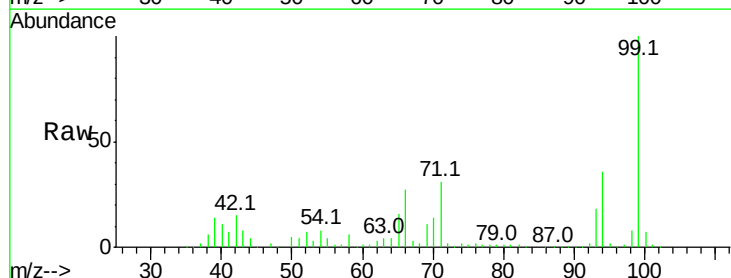
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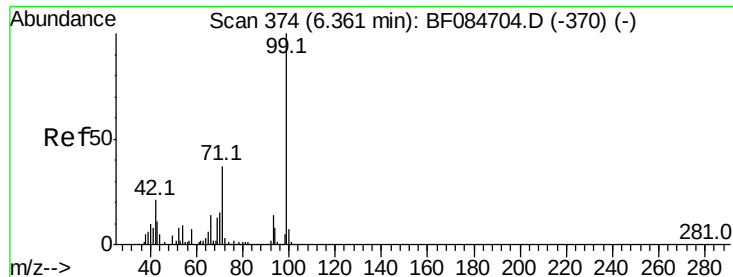
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#6
 Aniline
 Concen: 10.77 ng
 RT: 6.36 min Scan# 374
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
93	100		
66	149.9	44.9	67.3#
65	89.6	23.7	35.5#





#7

Phenol-d6

Concen: 105.43 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion: 99 Resp: 1631159

Ion Ratio Lower Upper

99 100

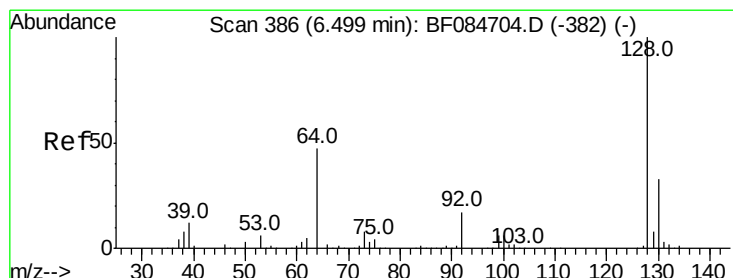
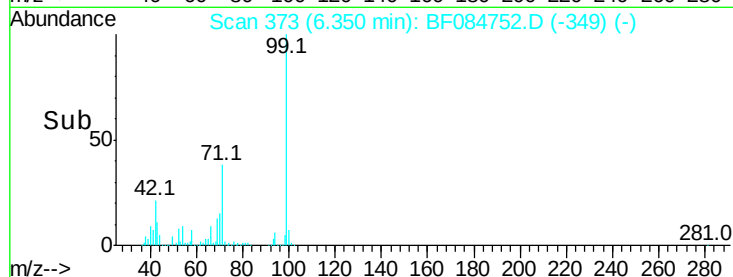
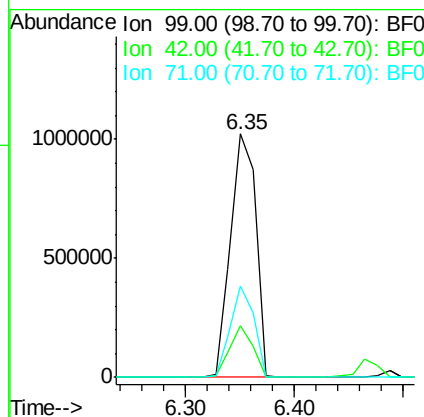
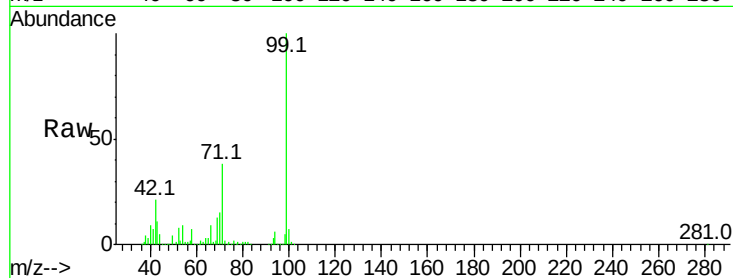
42 21.0 12.8 19.2#

71 37.7 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.35 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

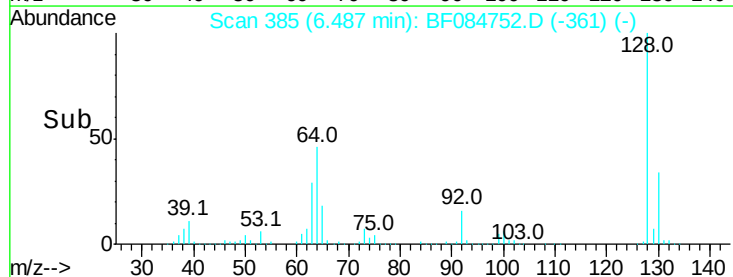
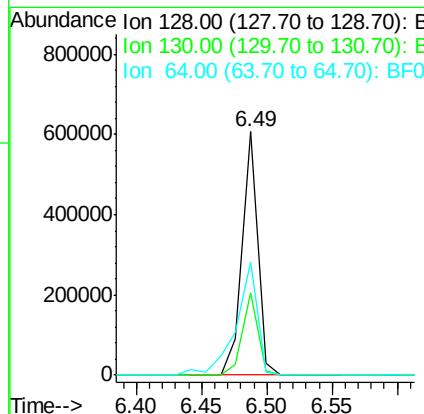
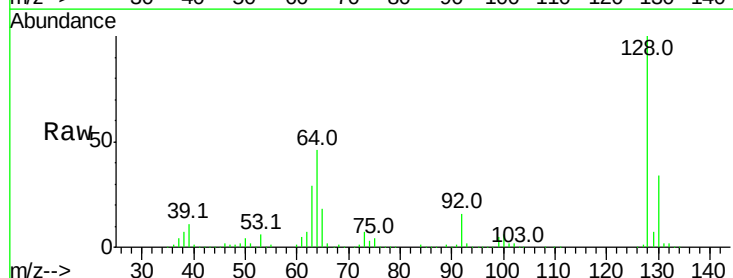
Tgt Ion:128 Resp: 499341

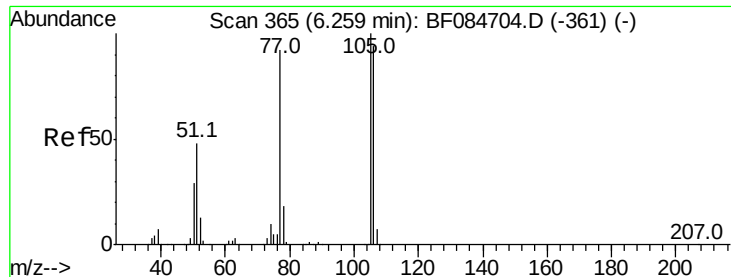
Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

64 46.2 23.8 63.8





#9

Benzaldehyde

Concen: 18.10 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

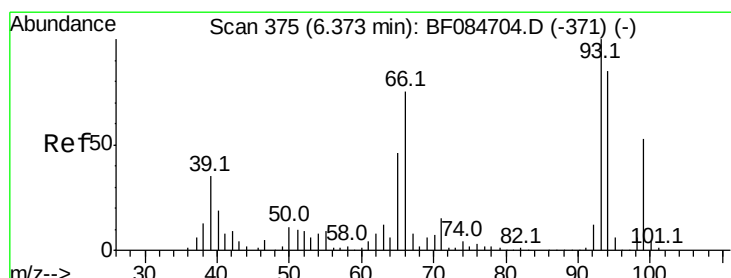
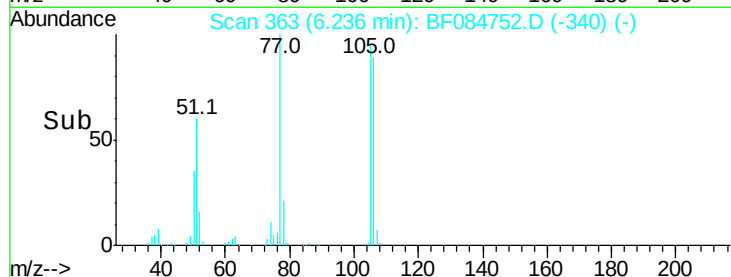
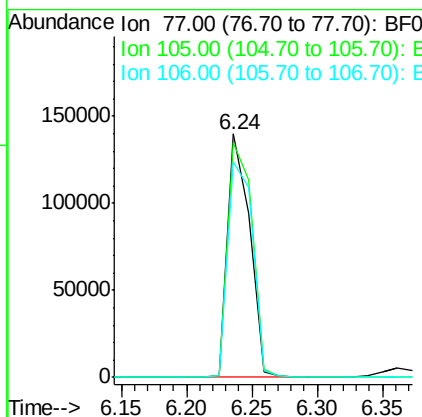
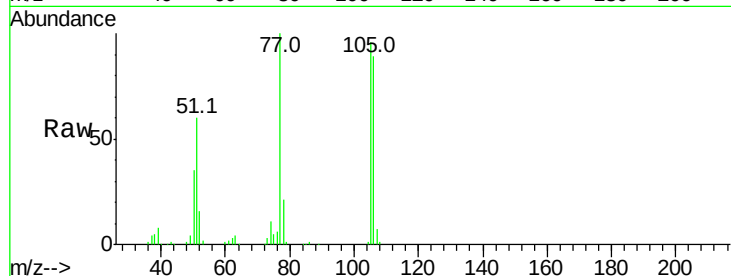
ClientSampleId :

PB88120BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	83.0	123.0
106	88.6	74.6	114.6

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#10

Phenol

Concen: 28.59 ng

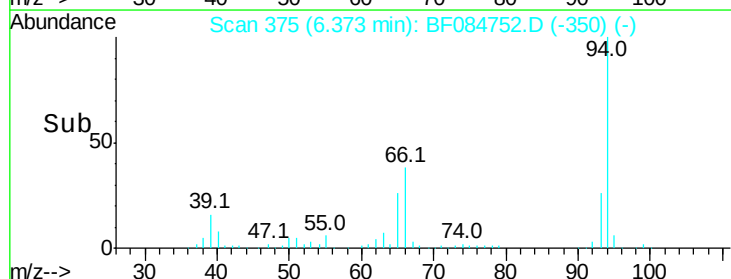
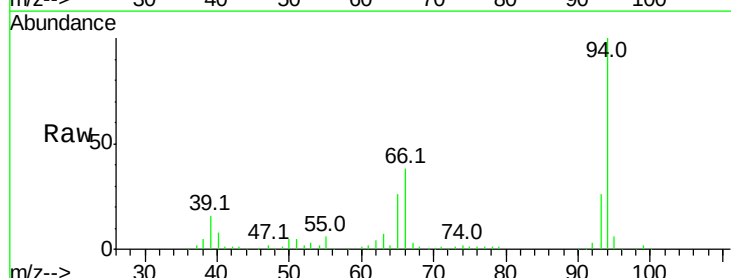
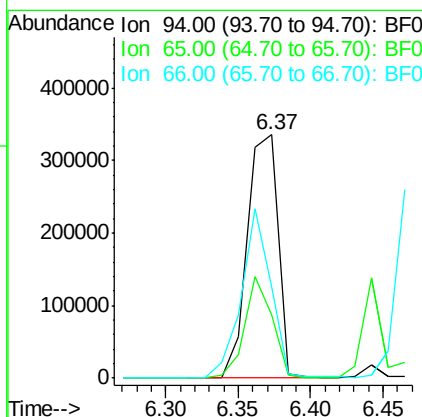
RT: 6.37 min Scan# 375

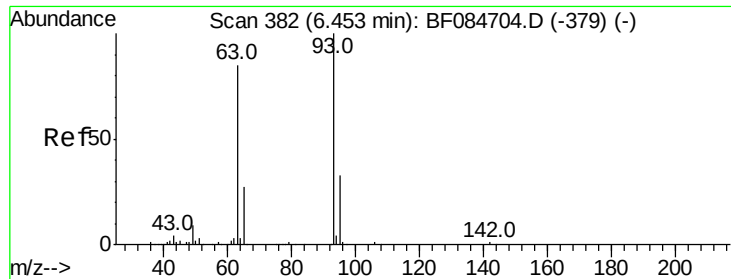
Delta R.T. -0.01 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.2	12.9	52.9
66	37.7	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 32.69 ng/mL

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

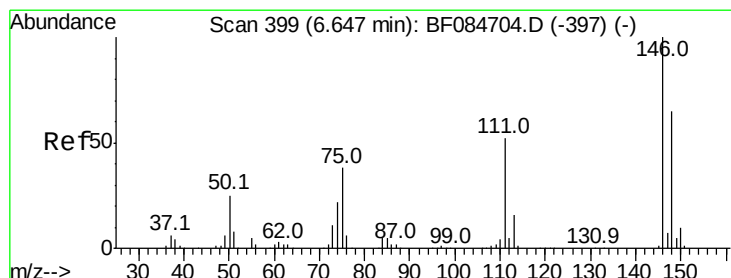
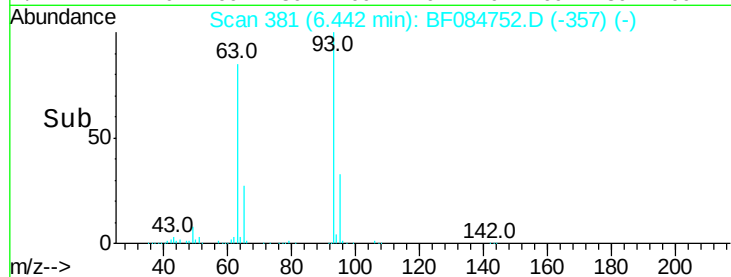
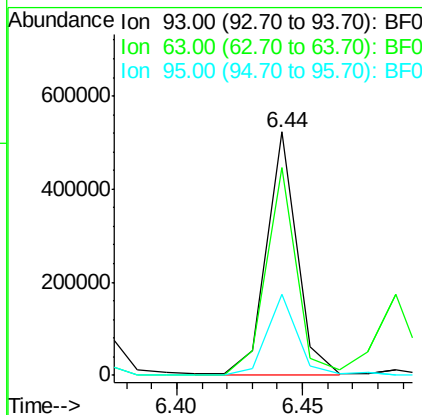
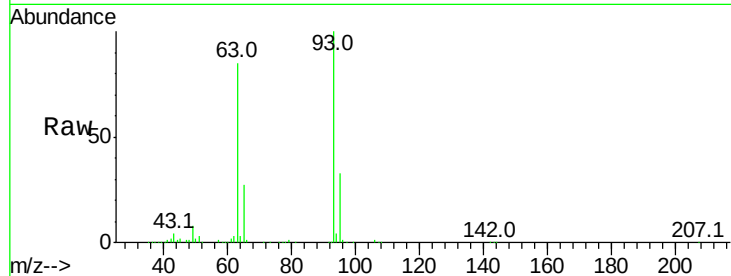
ClientSampleId :

PB88120BS

Tot Ion:	93	Resp:	441783
Ion Ratio	Lower	Upper	
93	100		
63	85.1	45.9	85.9
95	33.2	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 31.83 ng/mL

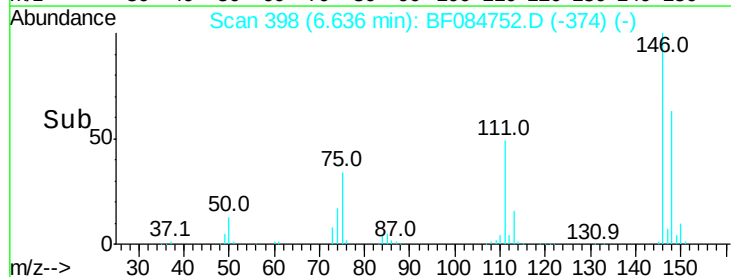
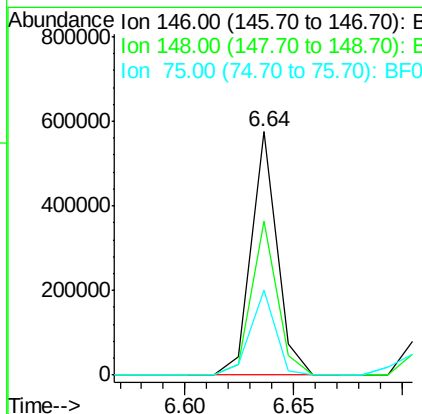
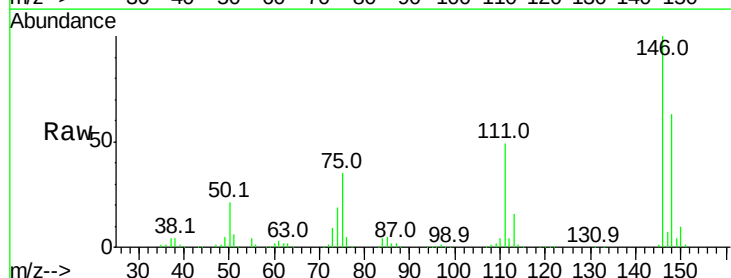
RT: 6.64 min Scan# 398

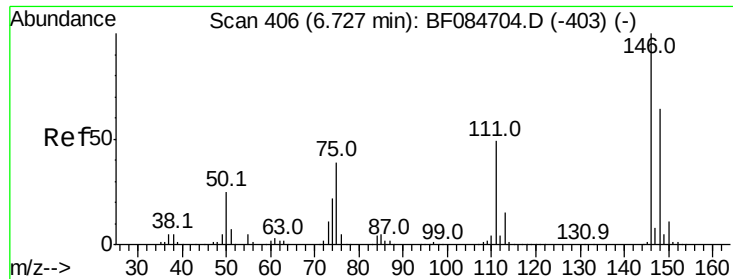
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	146	Resp:	475106
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.9	77.9
75	34.7	20.5	30.7#





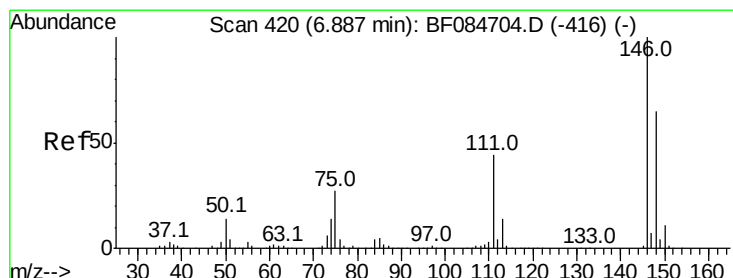
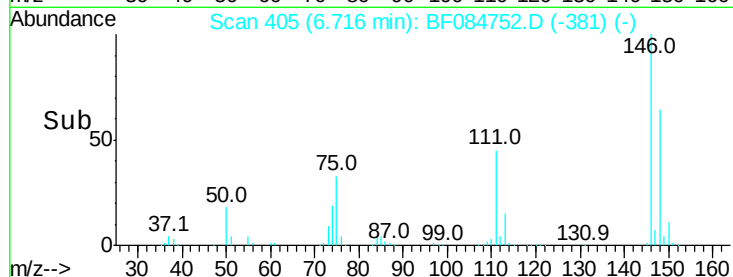
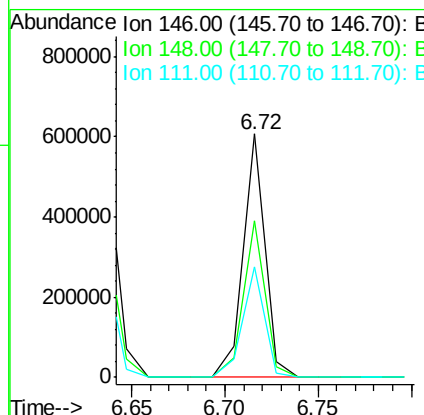
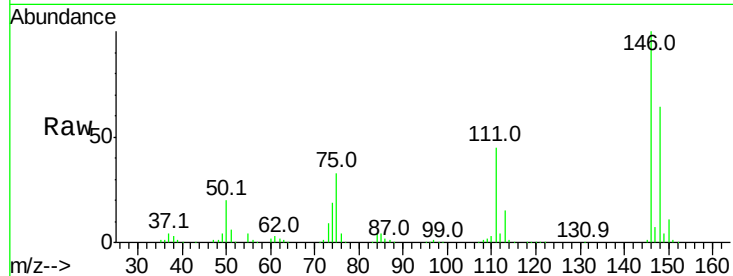
#13
1,4-Dichlorobenzene
Concen: 33.43 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	45.3	41.6	62.4

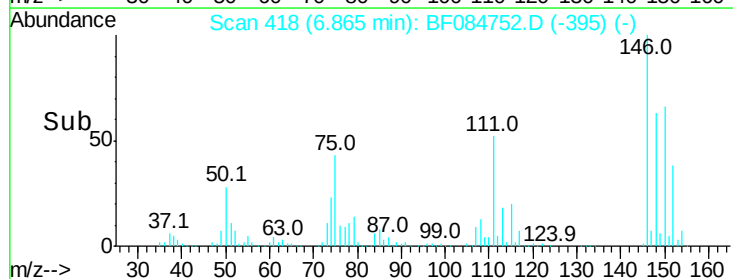
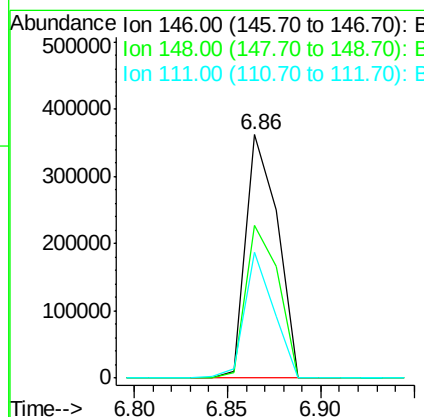
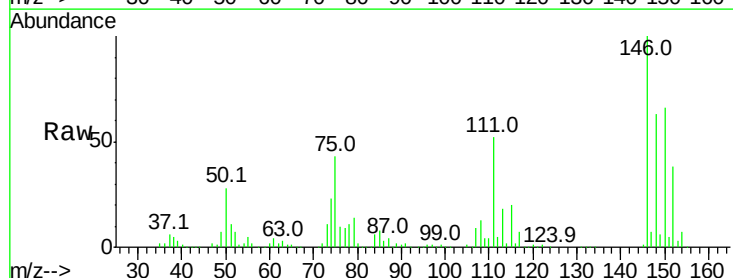
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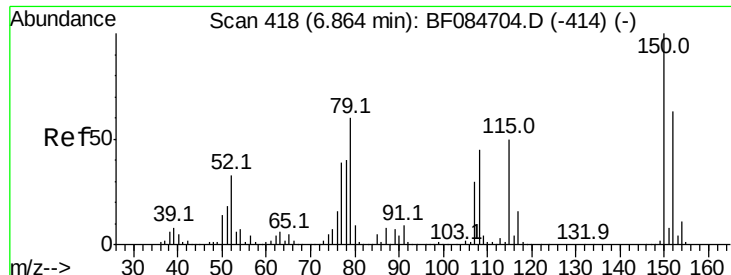
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#14
1,2-Dichlorobenzene
Concen: 30.78 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.6	77.4
111	51.8	38.0	57.0





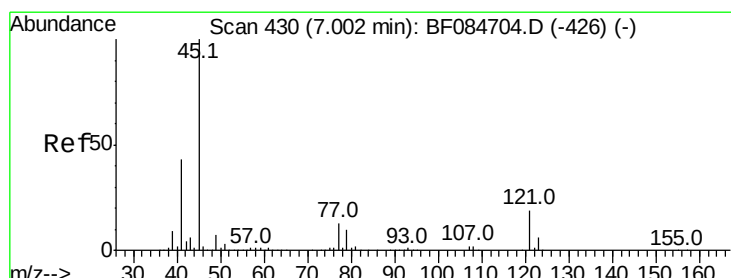
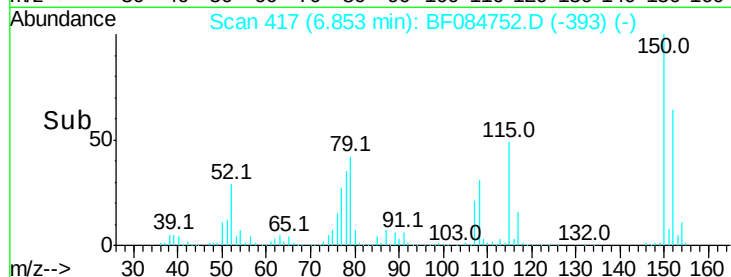
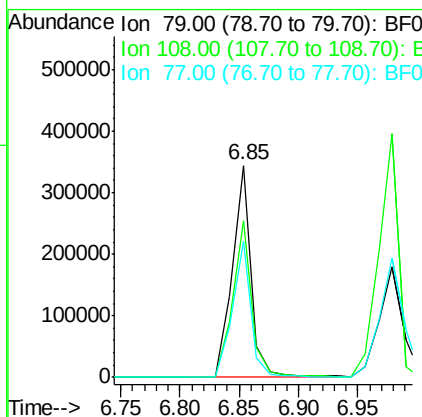
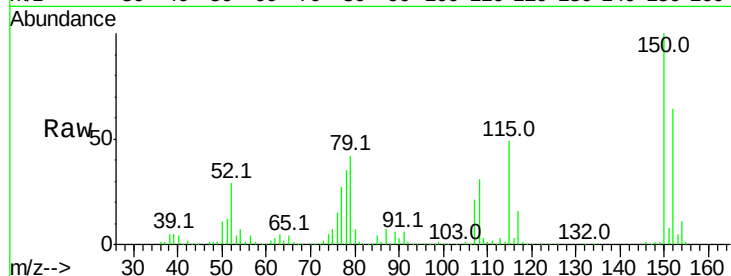
#15
Benzyl Alcohol
Concen: 35.41 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.2	69.0	103.4
77	64.4	50.0	75.0

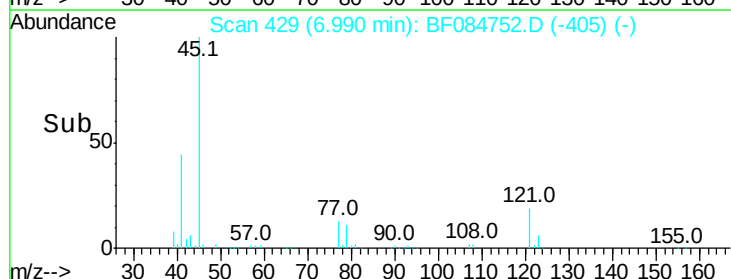
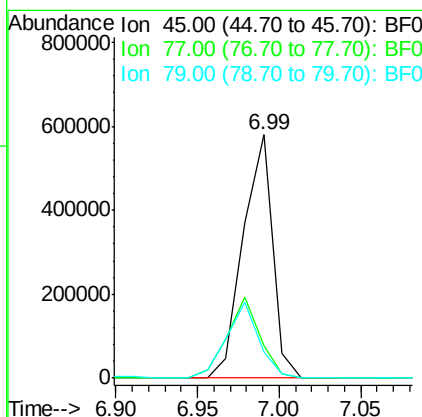
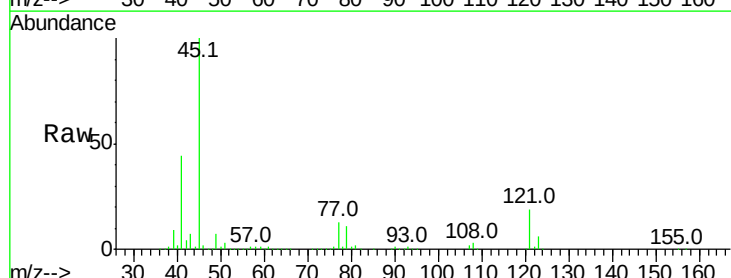
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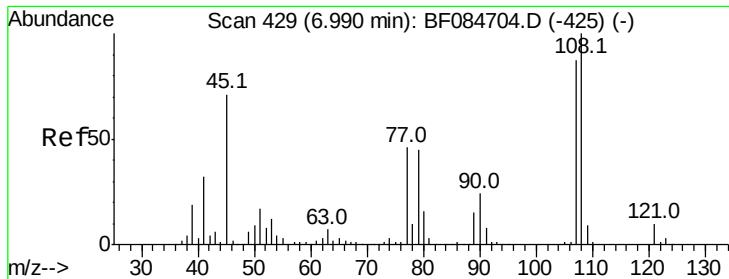
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.83 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	39.6
79	10.7	0.0	35.0





#17

2-Methylphenol

Concen: 35.79 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

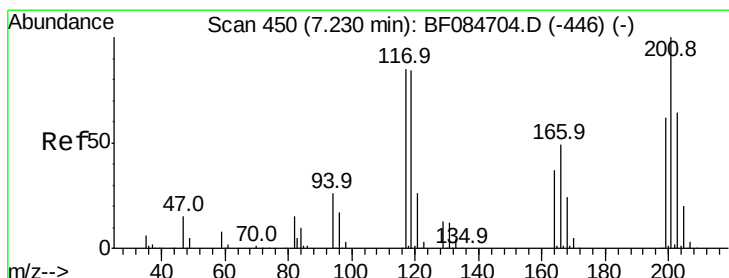
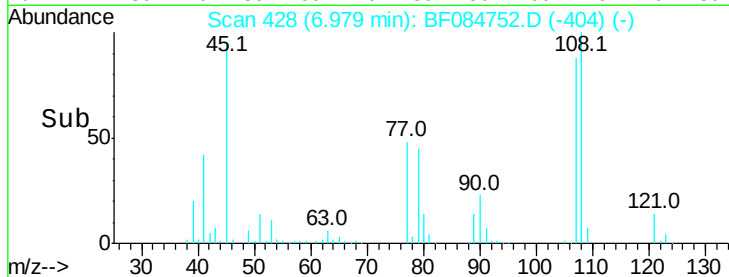
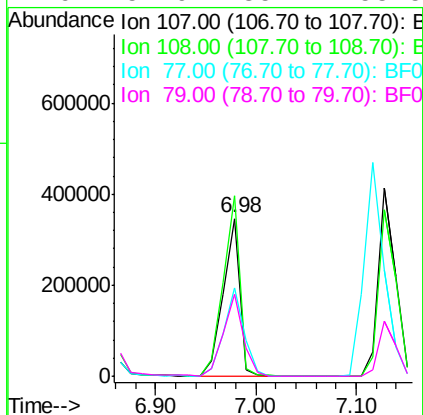
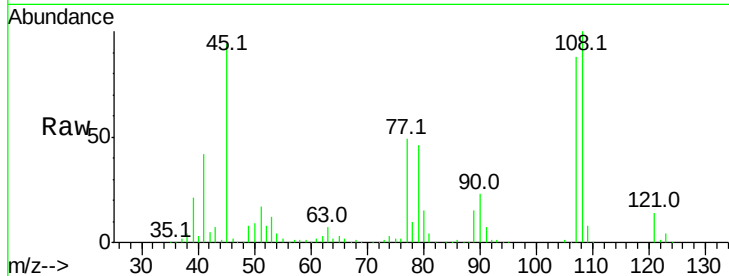
ClientSampleId :

PB88120BS

Tot Ion:	107	Resp:	399839
Ion Ratio	Lower	Upper	
107	100		
108	114.0	89.8	134.6
77	55.9	35.7	53.5#
79	51.9	35.7	53.5

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#18

Hexachloroethane

Concen: 32.24 ng

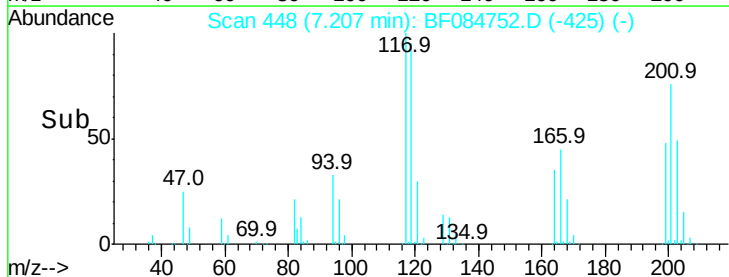
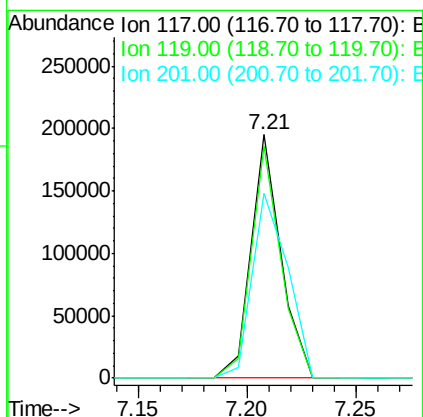
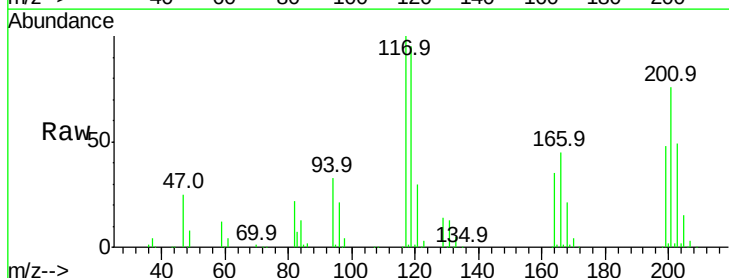
RT: 7.21 min Scan# 448

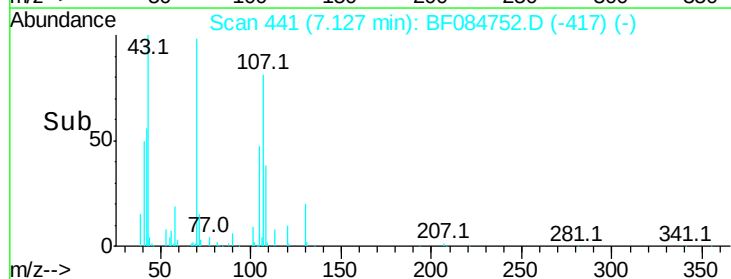
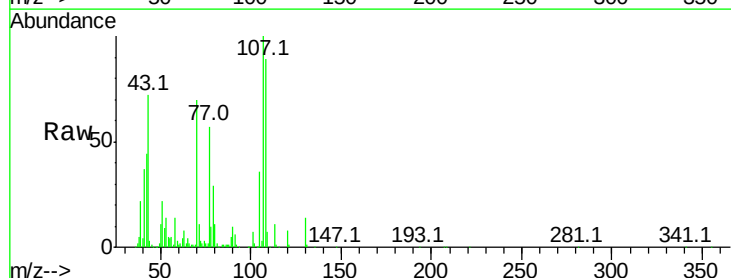
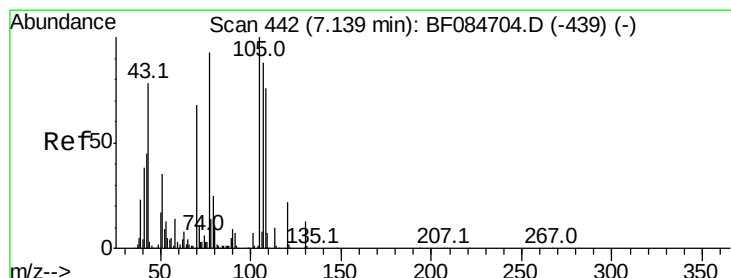
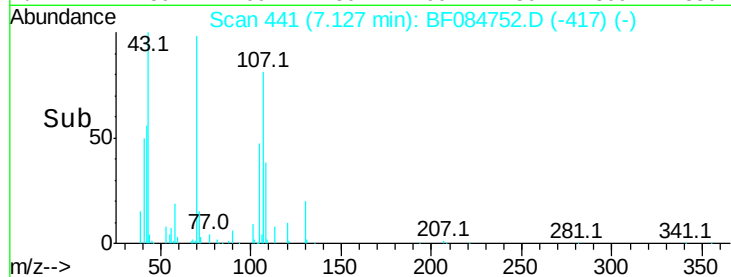
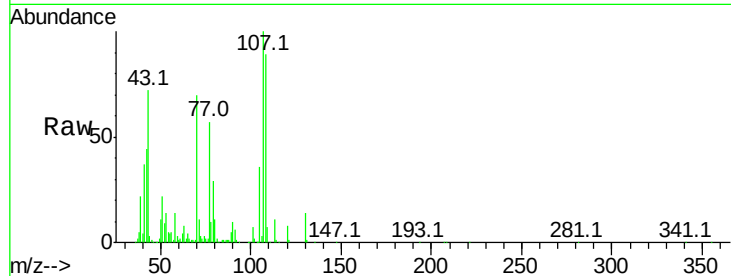
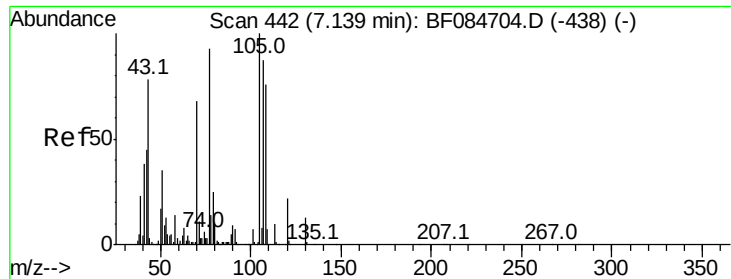
Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	117	Resp:	185208
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.4	116.0
201	75.9	68.6	103.0





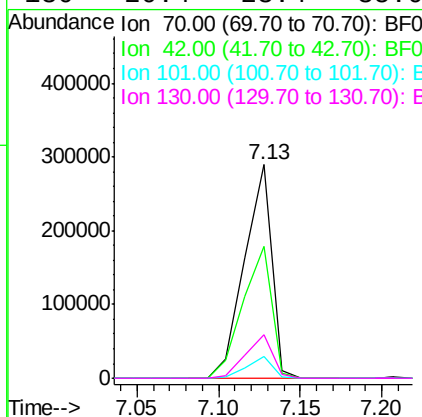
#19
n-Nitroso-di-n-propylamine
Concen: 34.77 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	33.3	49.9#
101	10.1	9.3	13.9
130	20.4	23.4	35.0#

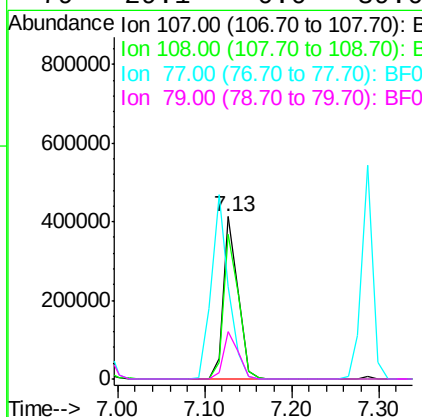
Manual Integrations
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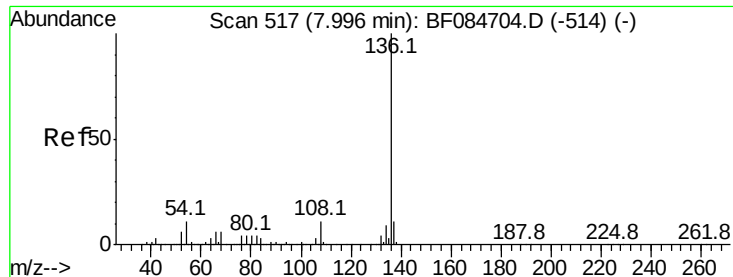
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#20
3+4-Methylphenols
Concen: 35.27 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	56.7	0.7	40.7#
79	29.1	0.0	39.0





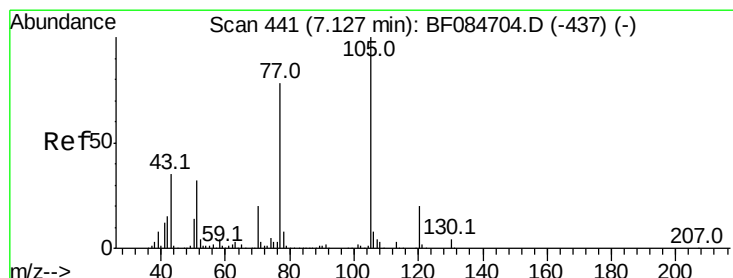
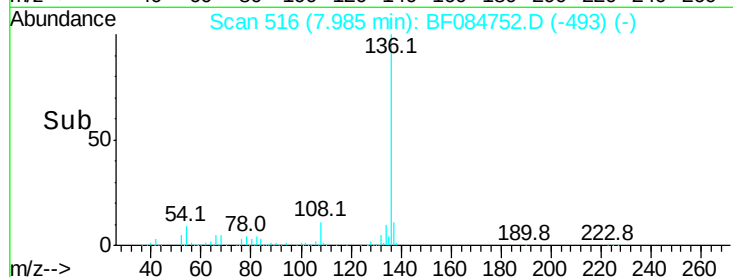
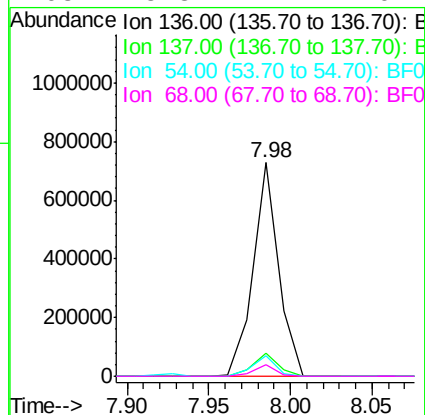
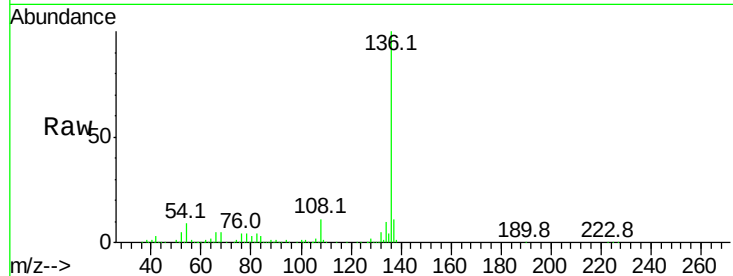
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.4	5.8	8.8
68	5.3	4.2	6.2

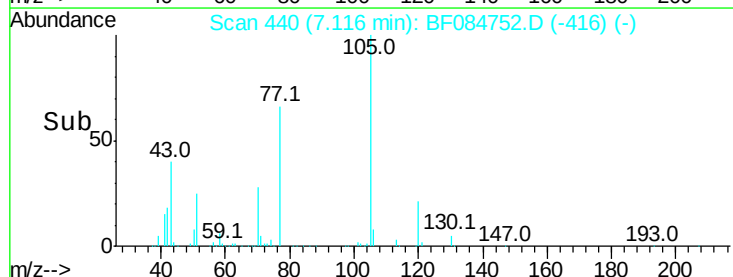
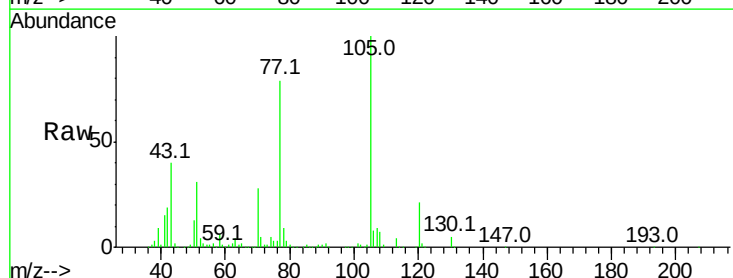
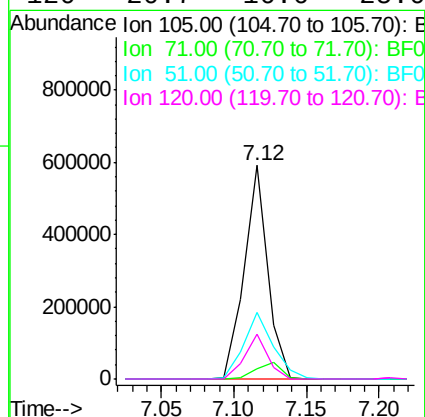
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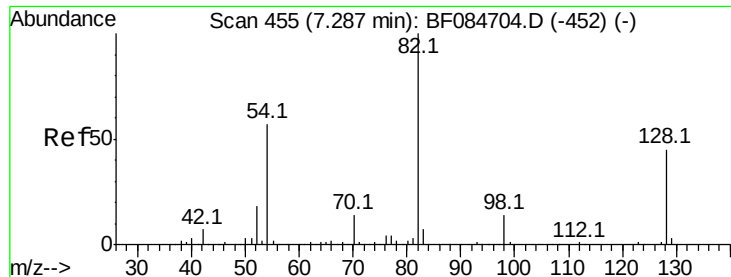
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#22
Acetophenone
Concen: 32.05 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	3.7	5.5
51	31.3	25.1	37.7
120	20.7	16.6	25.0





#23
 Nitrobenzene-d5
 Concen: 75.27 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

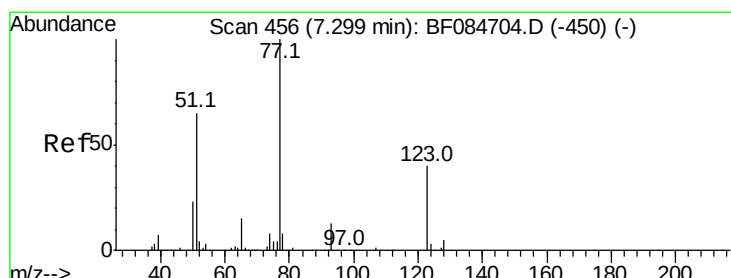
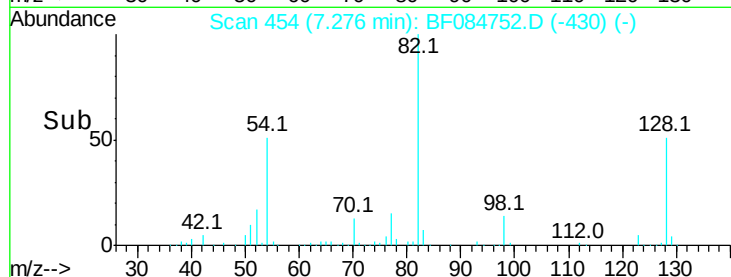
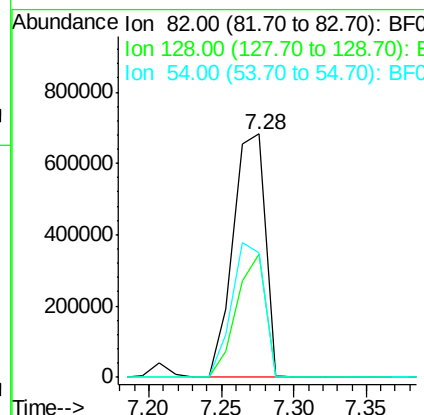
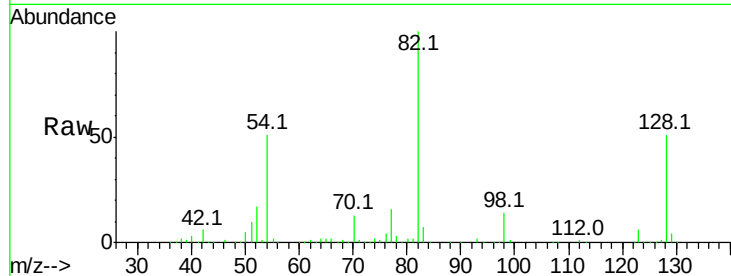
Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion: 82 Resp: 1051889

Ion	Ratio	Lower	Upper
82	100		
128	50.7	34.6	51.8
54	51.3	38.4	57.6

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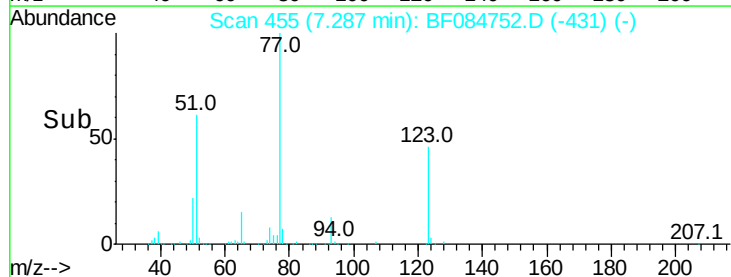
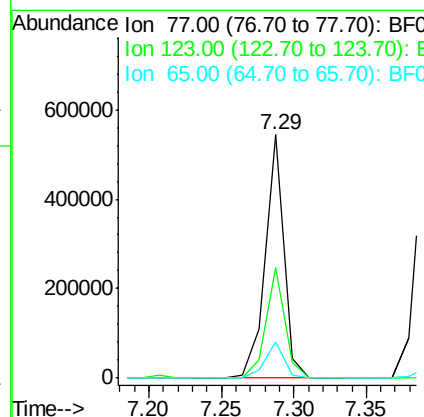
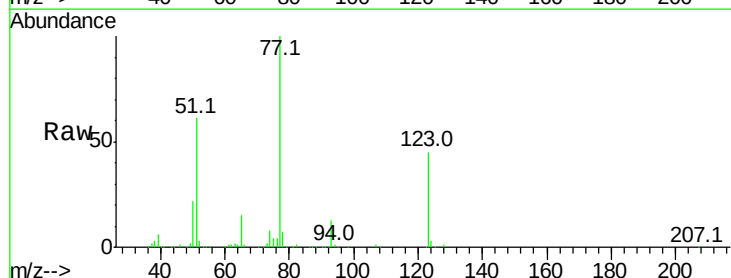
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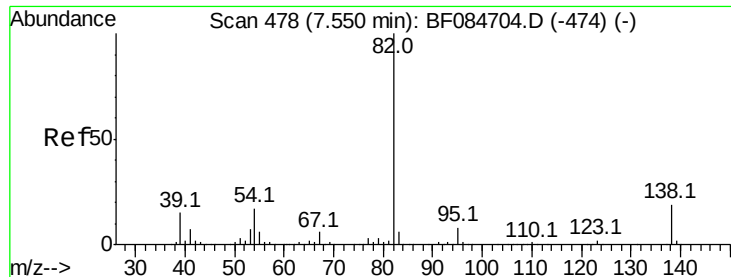


#24
 Nitrobenzene
 Concen: 32.30 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion: 77 Resp: 483345

Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.4	56.2
65	14.9	10.9	16.3





#25

Isophorone

Concen: 32.98 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

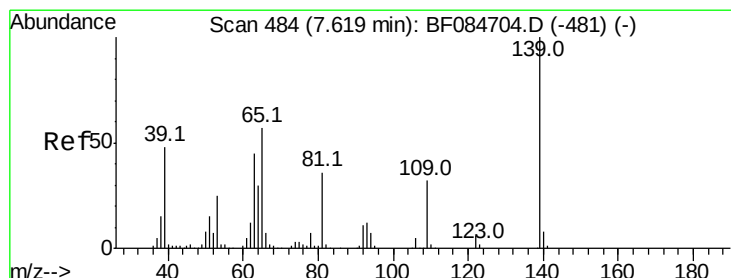
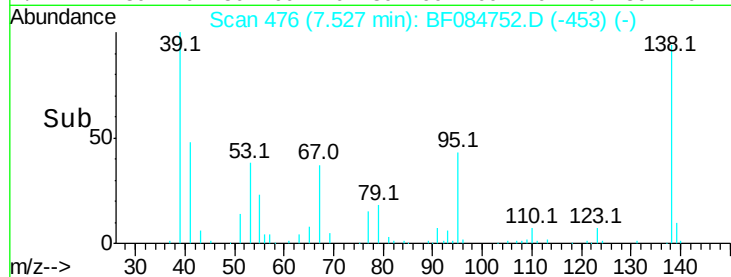
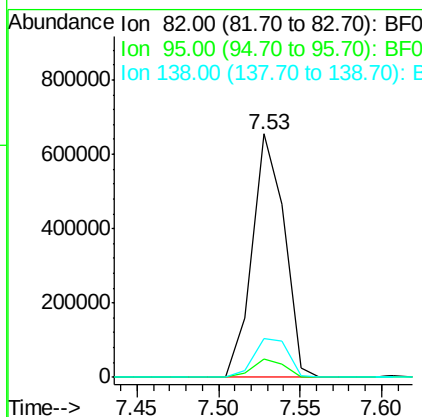
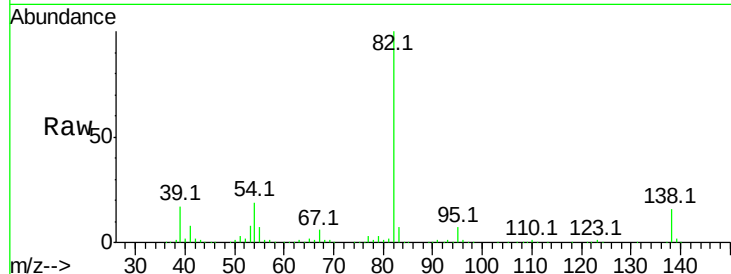
ClientSampleId :

PB88120BS

Tot Ion:	82	Resp:	896118
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.6	10.0
138	15.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.45 ng

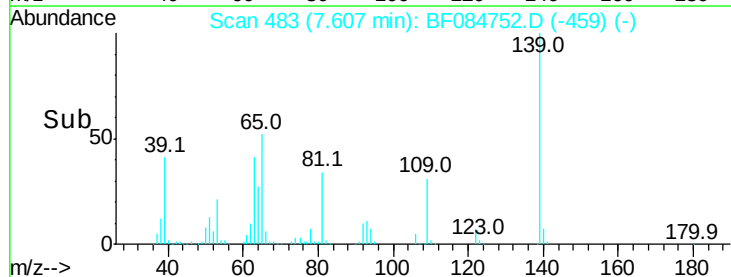
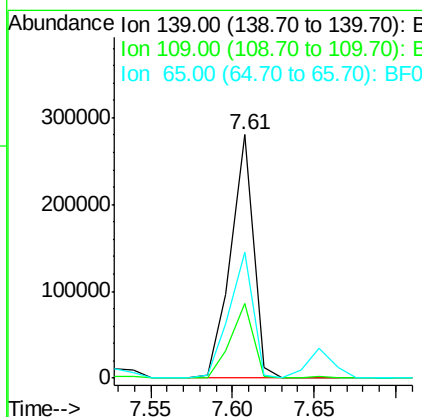
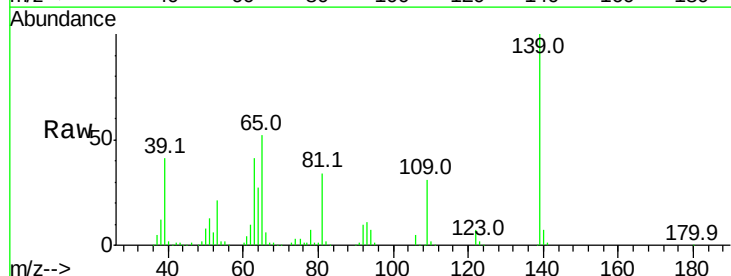
RT: 7.61 min Scan# 483

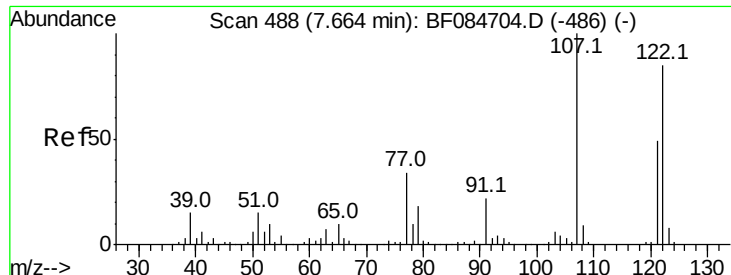
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	139	Resp:	269045
Ion Ratio	Lower	Upper	
139	100		
109	30.9	25.4	38.2
65	51.8	32.3	48.5#





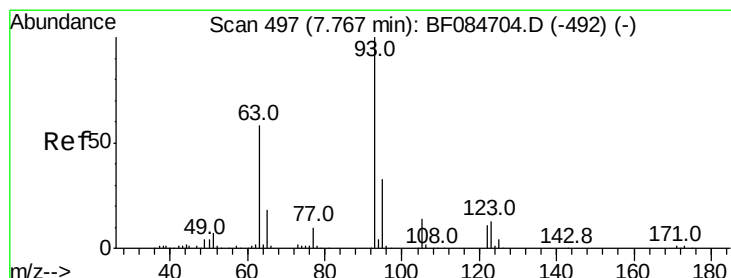
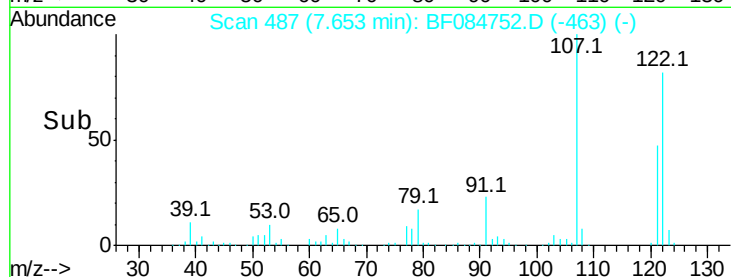
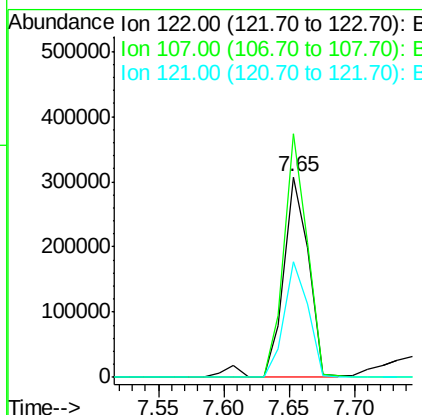
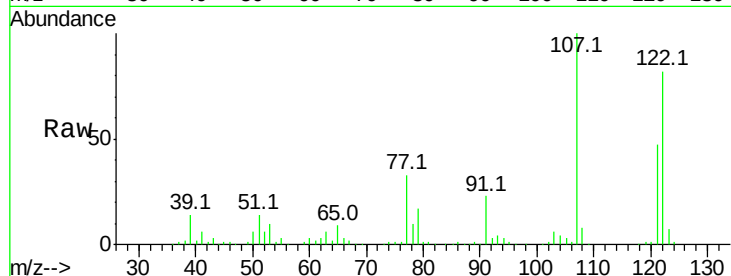
#27
 2,4-Dimethylphenol
 Concen: 33.11 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampled :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	425130		
107	121.3	99.1	148.7	
121	57.6	47.9	71.9	

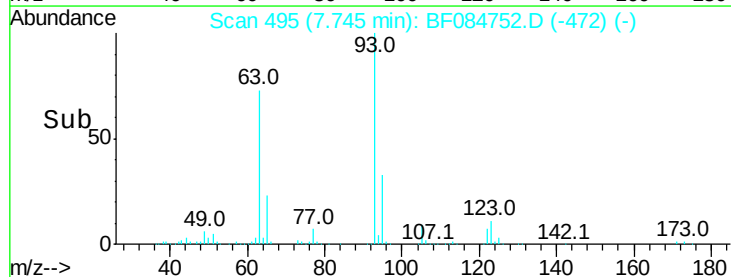
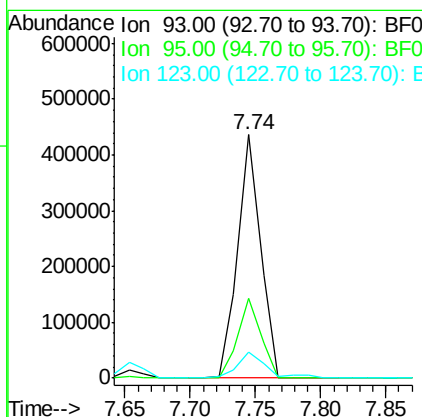
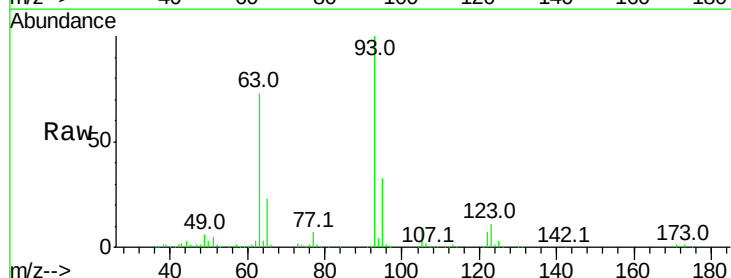
Manual Integrations
 APPROVED

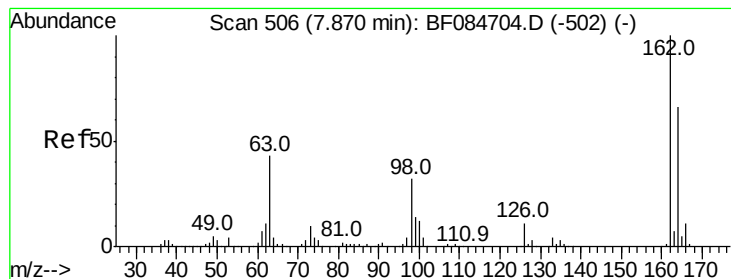
MMDadoda
 2/3/2016 6:25:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.95 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	531261		
95	33.0	25.8	38.6	
123	10.8	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 35.74 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

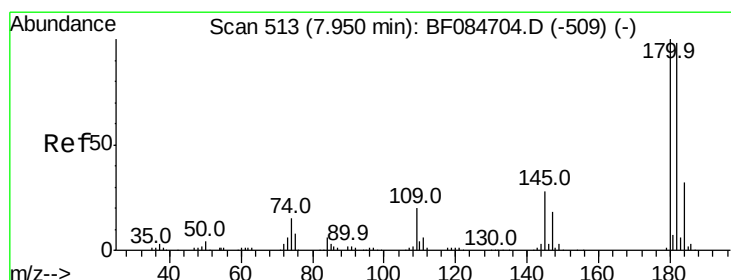
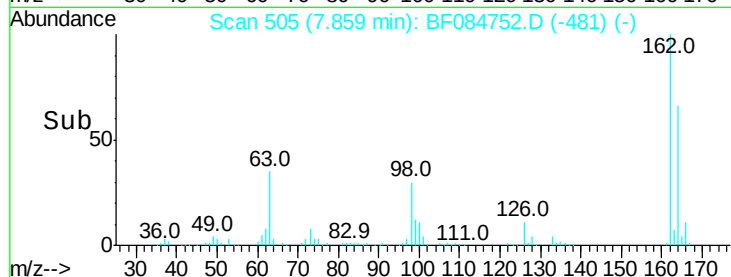
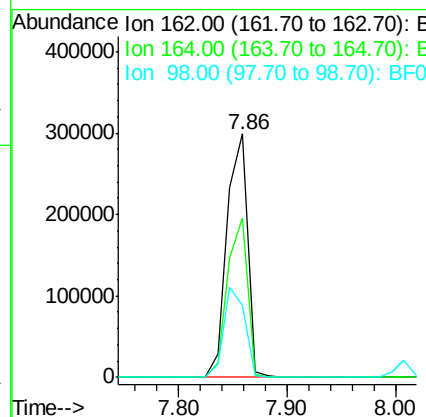
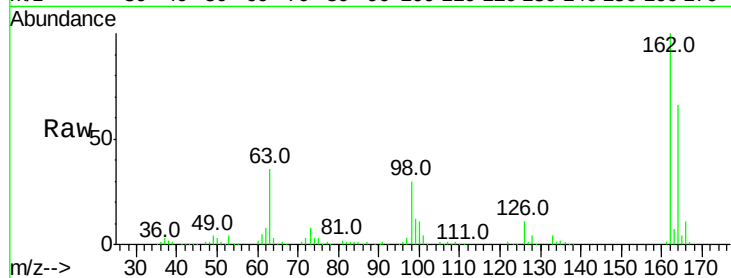
ClientSampleId :

PB88120BS

Tot Ion:	162	Resp:	392578
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.1	84.1
98	29.8	20.2	60.2

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 32.10 ng

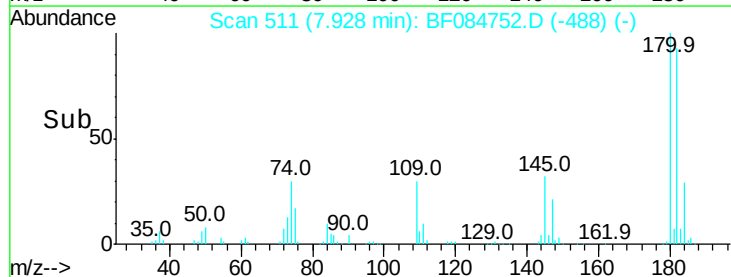
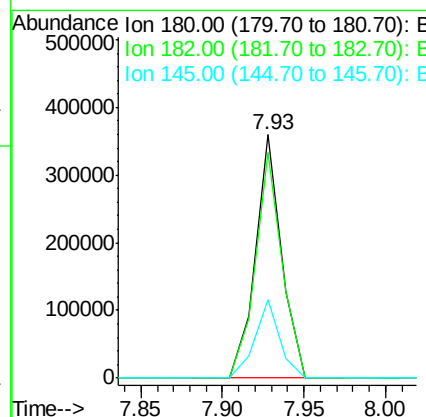
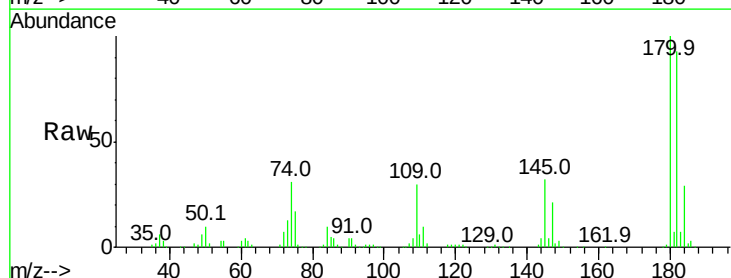
RT: 7.93 min Scan# 511

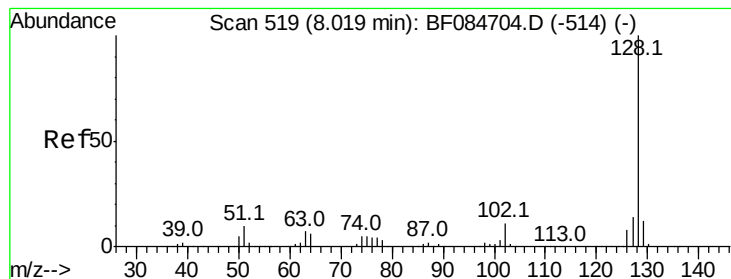
Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	180	Resp:	398228
Ion Ratio	Lower	Upper	
180	100		
182	92.9	76.4	114.6
145	32.5	31.6	47.4





#31

Naphthalene

Concen: 33.19 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:128 Resp: 1310610

Ion Ratio Lower Upper

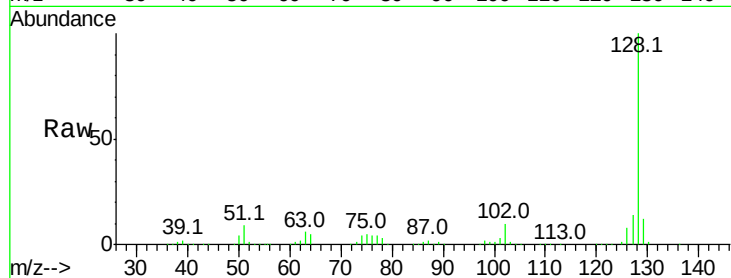
128 100

129 11.7 9.1 13.7

127 13.8 11.1 16.7

Manual Integrations
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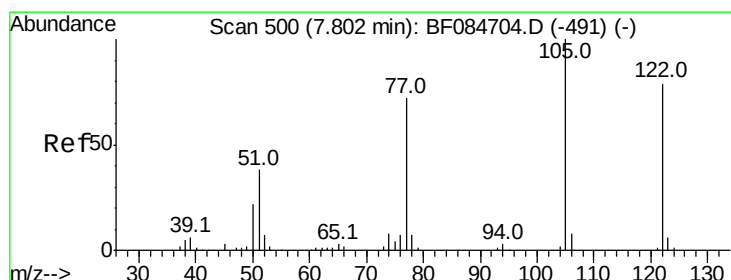
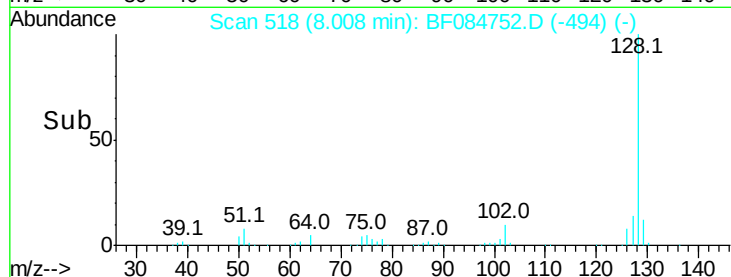
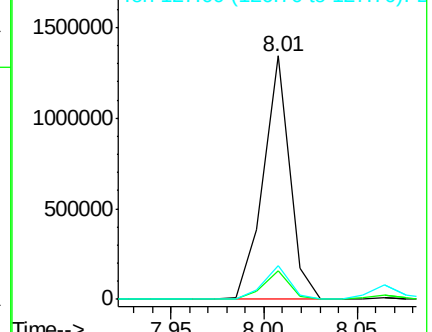
MMDadoda
2/3/2016 6:25:36 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.37 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

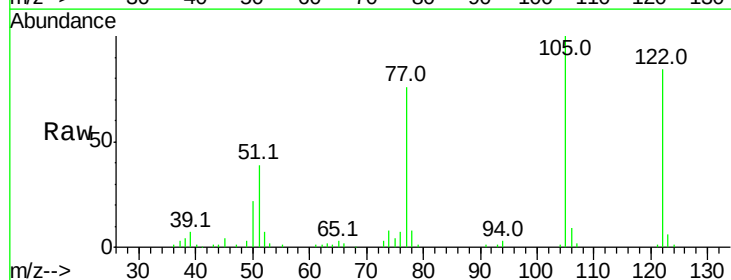
Tgt Ion:122 Resp: 241168

Ion Ratio Lower Upper

122 100

105 118.6 100.3 140.3

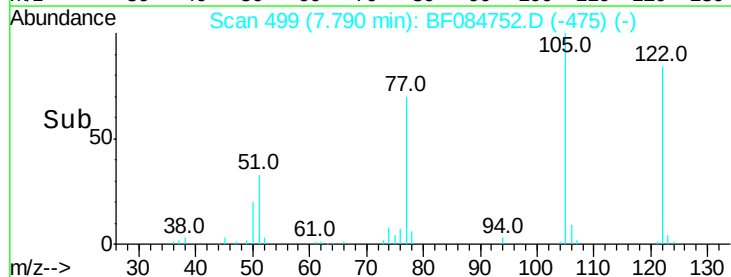
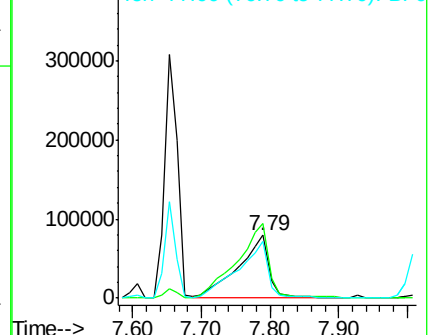
77 89.9 63.5 103.5

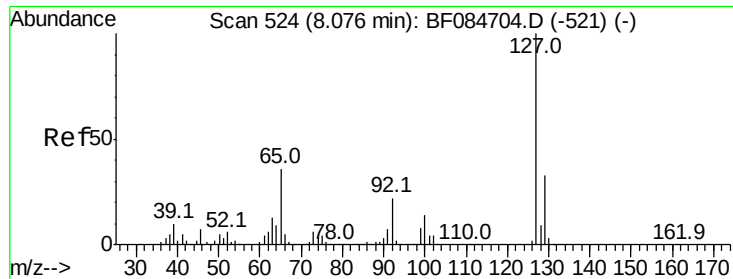


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





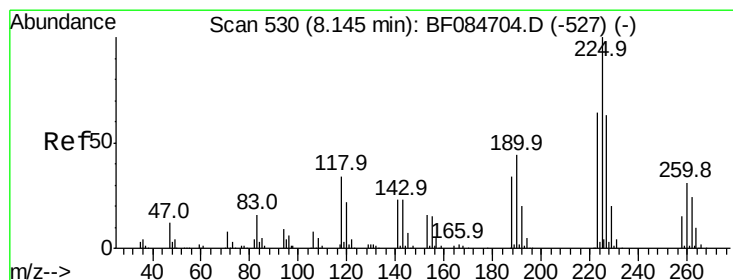
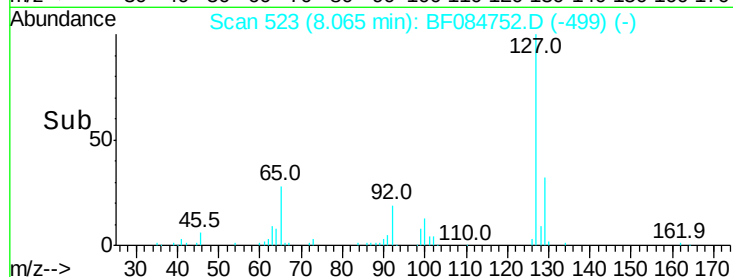
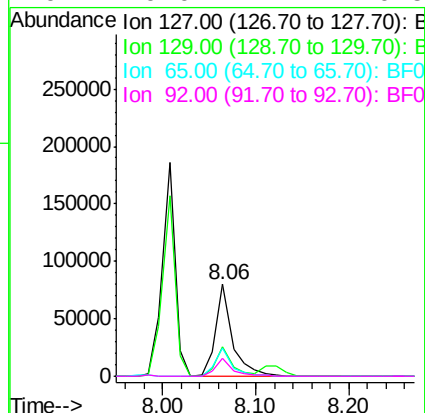
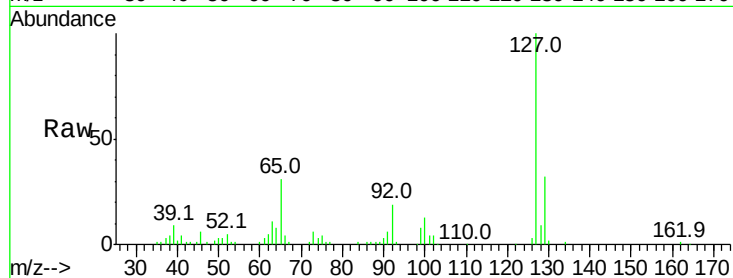
#33
4-Chloroaniline
Concen: 6.22 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.5	39.7		
65	31.4	27.2	40.8		
92	19.0	17.7	26.5		

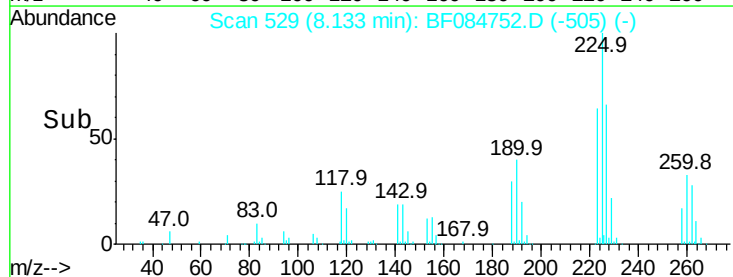
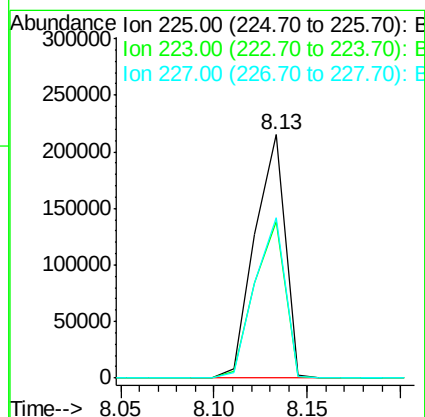
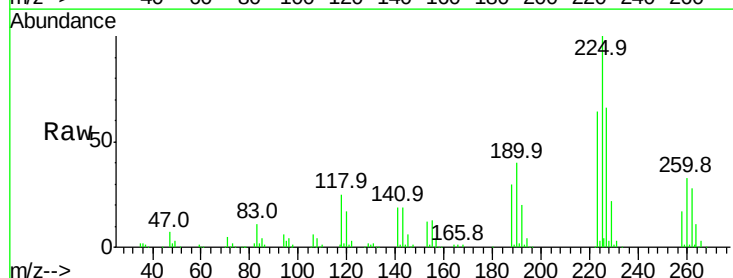
Manual Integrations
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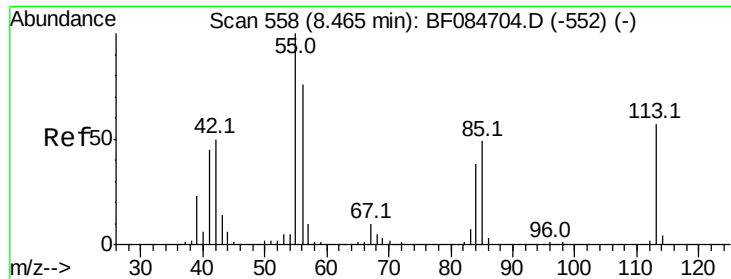
MMDadoda
2/3/2016 6:25:36 PM



#34
Hexachlorobutadiene
Concen: 33.92 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.4	74.0		
227	65.8	50.8	76.2		





#35

Caprolactam

Concen: 38.37 ng/ml

RT: 8.44 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:113 Resp: 129905

Ion Ratio Lower Upper

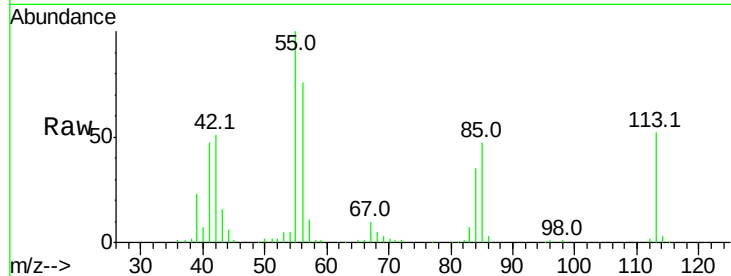
113 100

55 192.8 116.9 156.9#

56 146.8 93.8 133.8#

Manual Integrations
APPROVED

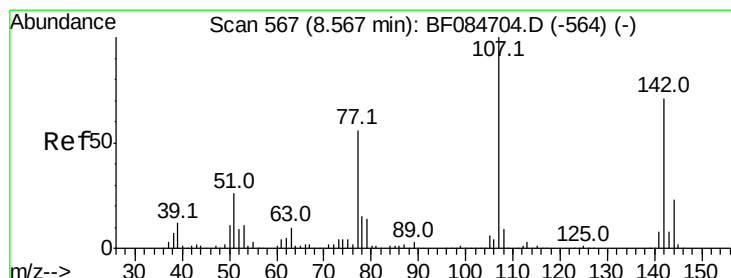
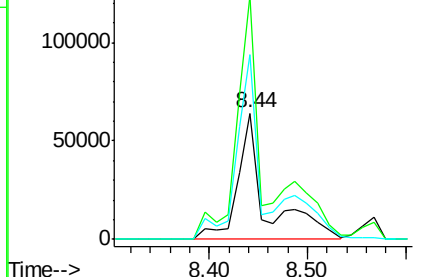
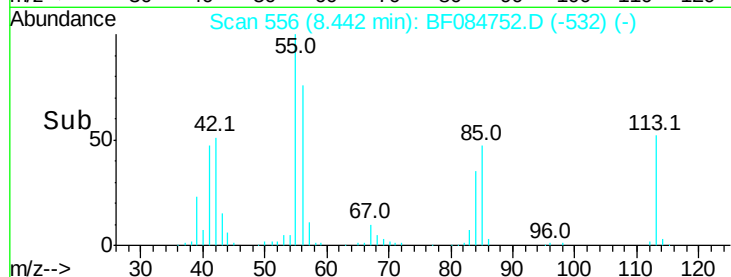
MMDadoda
2/3/2016 6:25:36 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.84 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

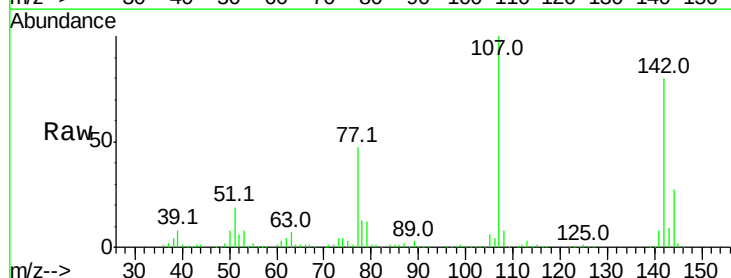
Tgt Ion:107 Resp: 474154

Ion Ratio Lower Upper

107 100

144 26.9 19.7 29.5

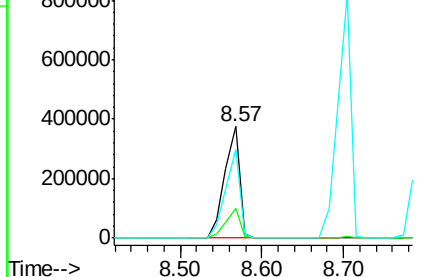
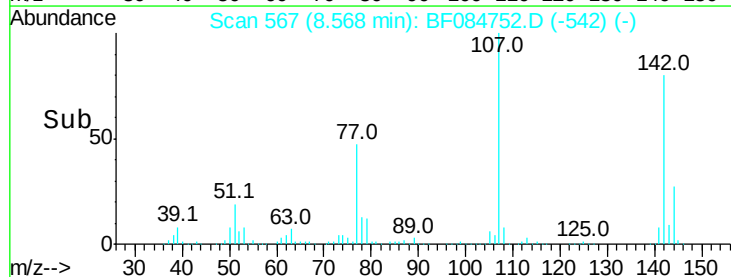
142 80.1 61.8 92.6

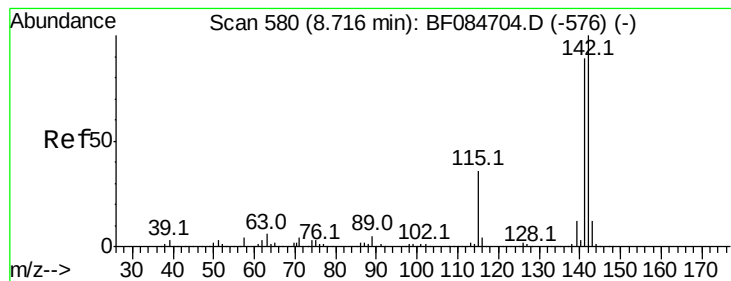


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.63 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

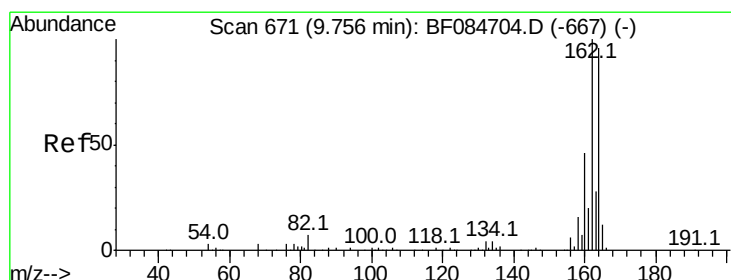
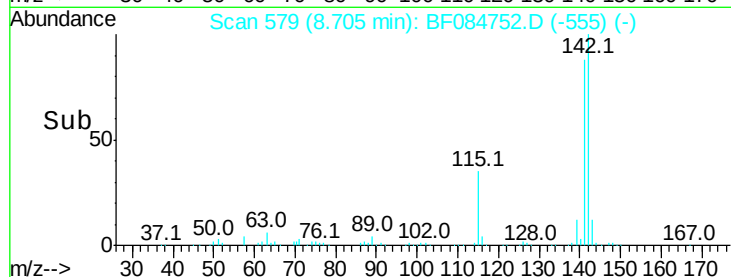
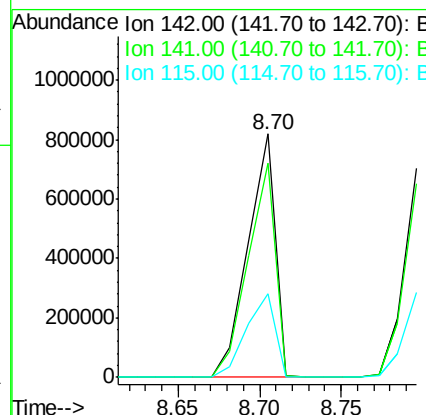
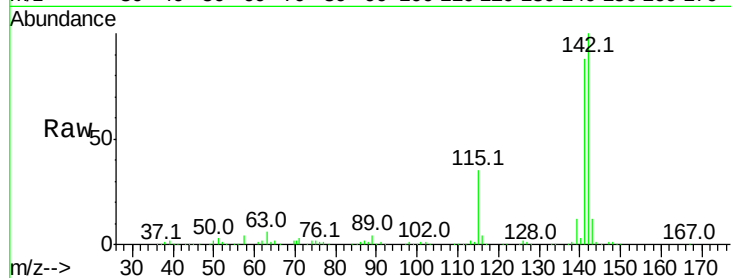
ClientSampleId :

PB88120BS

Tot Ion:	142	Resp:	954816
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.4	108.6
115	34.6	27.9	41.9

Manual Integrations
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2/3/2016 6:25:36 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

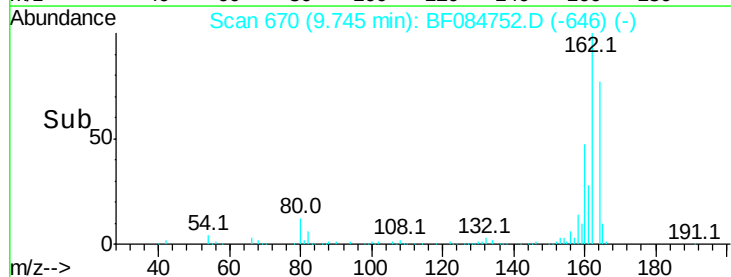
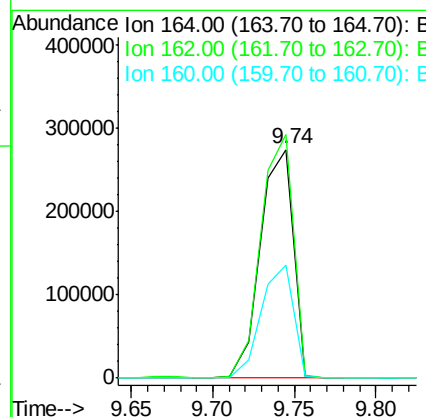
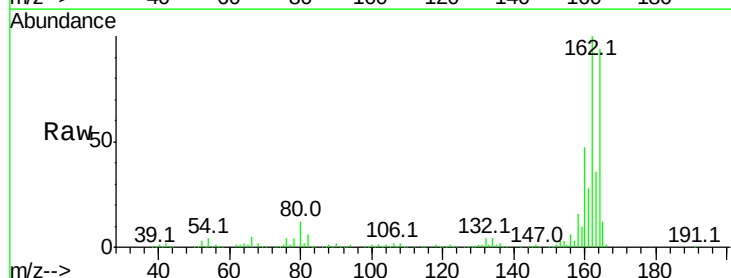
RT: 9.74 min Scan# 670

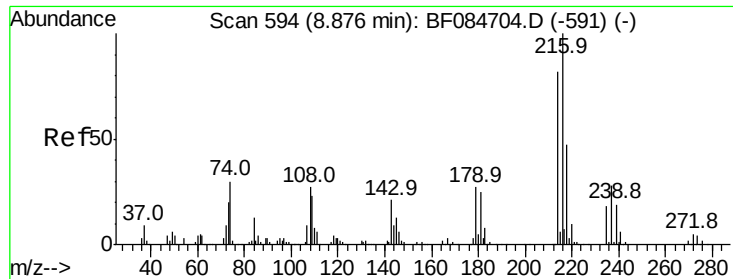
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	164	Resp:	385054
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.1	127.7
160	49.7	37.5	56.3





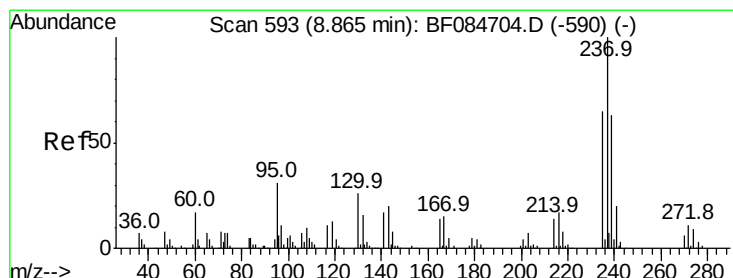
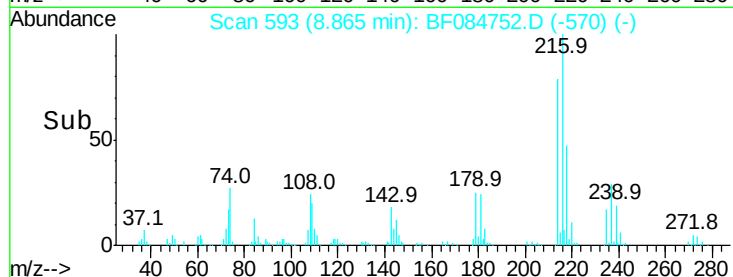
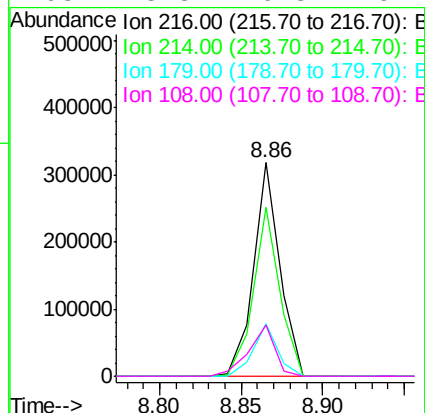
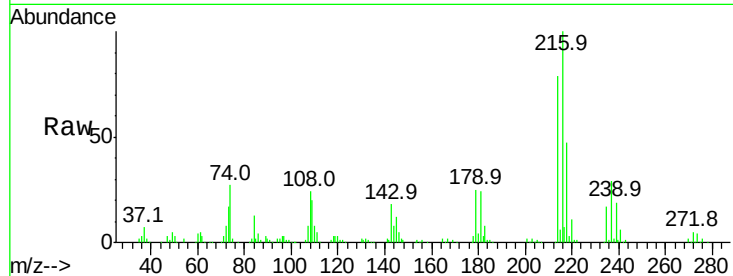
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.07 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampled :
 PB88120BS

Tot Ion:	216	Resp:	355536
Ion Ratio		Lower	Upper
216	100		
214	78.6	64.2	96.2
179	22.9	18.7	28.1
108	23.8	16.8	25.2

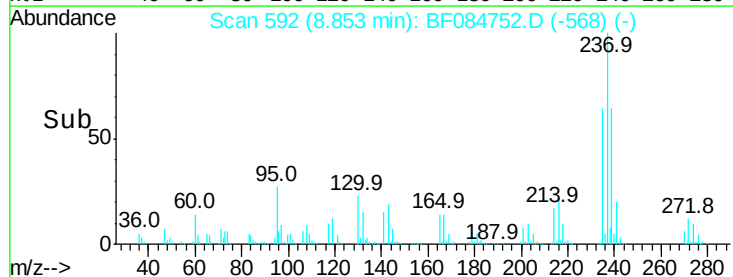
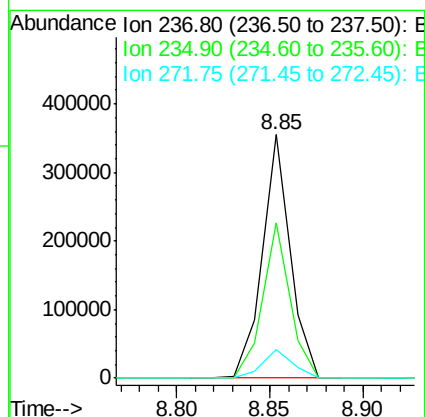
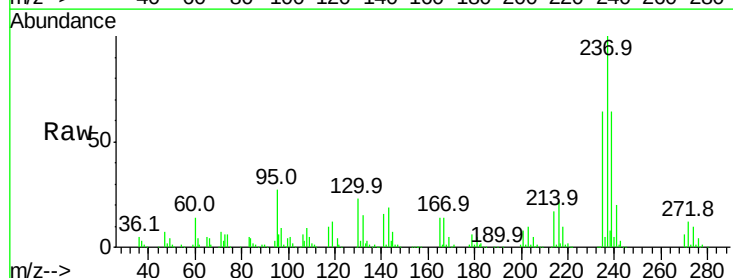
Manual Integrations
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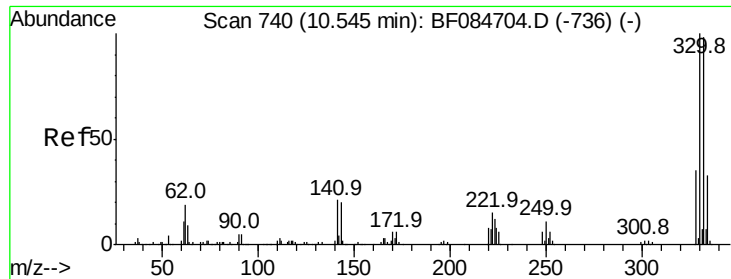
MMDadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 71.15 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion:	237	Resp:	366633
Ion Ratio		Lower	Upper
237	100		
235	63.7	43.1	83.1
272	11.8	0.0	35.1





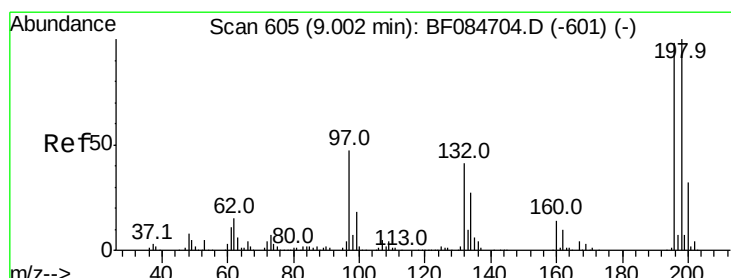
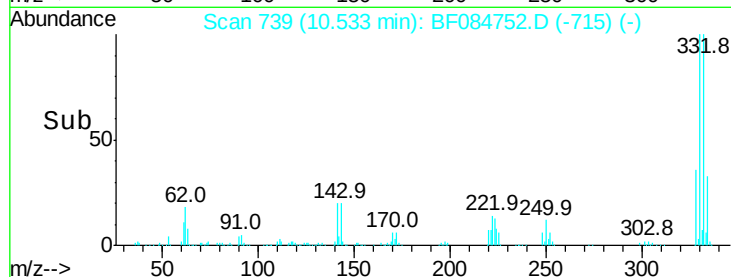
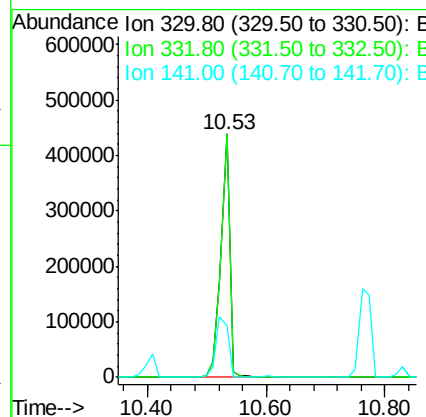
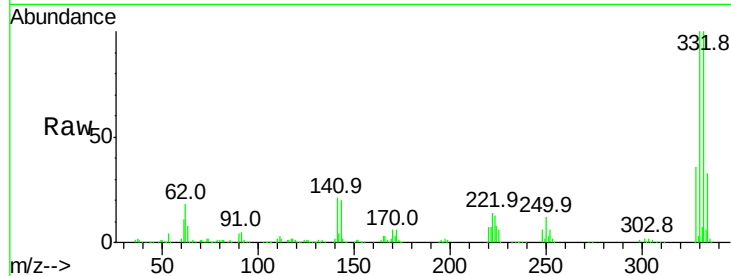
#41
 2,4,6-Tribromophenol
 Concen: 113.25 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleID :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.0	76.6	114.8	
141	34.3	27.8	41.6	

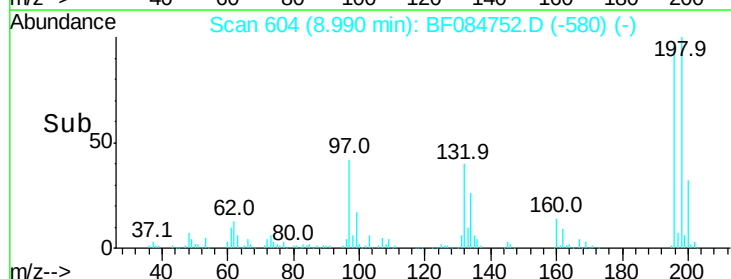
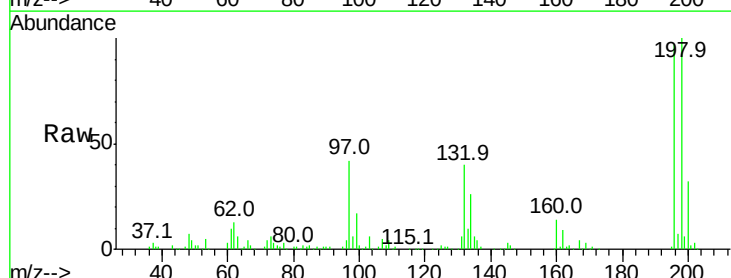
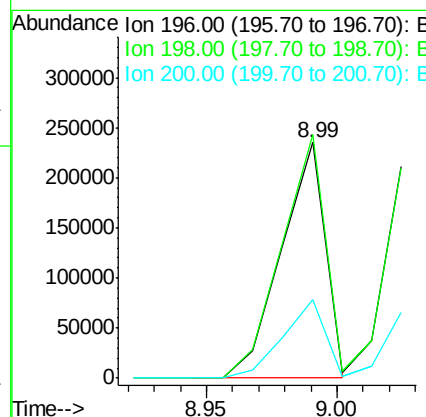
Manual Integrations
 APPROVED

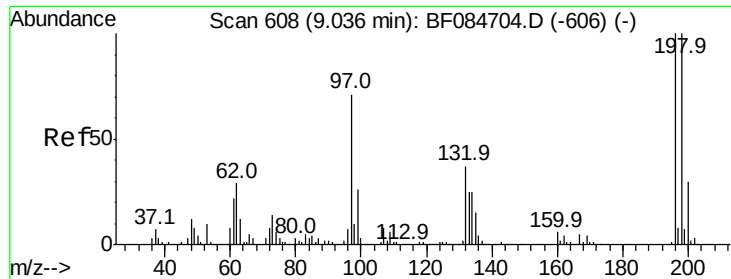
MMDadoda
 2/3/2016 6:25:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.79 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.4	77.7	116.5	
200	33.4	24.6	37.0	





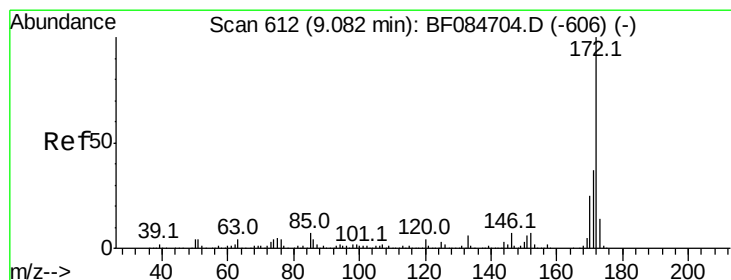
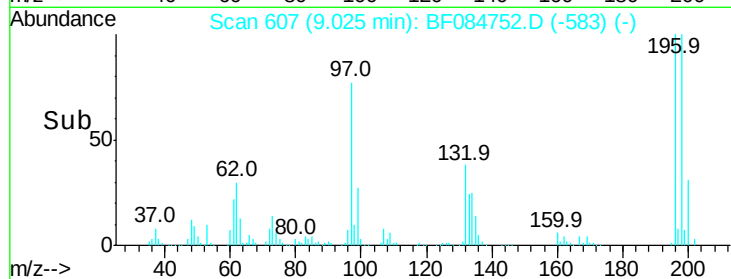
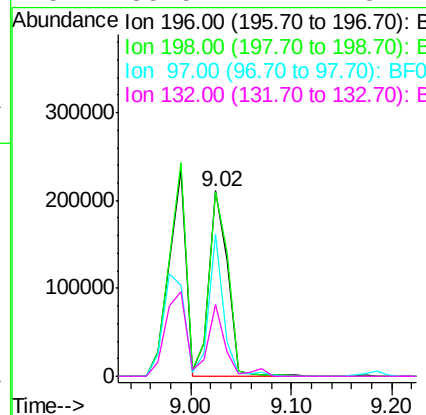
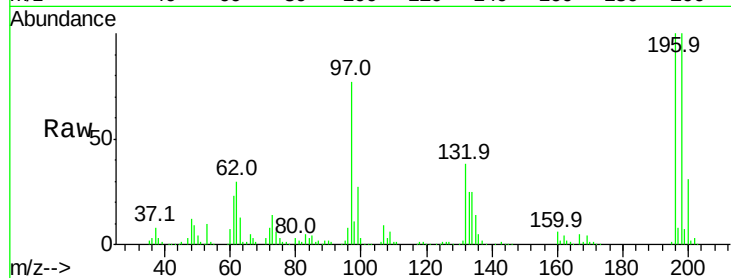
#43
 2,4,5-Trichlorophenol
 Concen: 33.52 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268338		
198	99.6	79.0	118.6	
97	76.9	33.0	49.6	
132	38.5	21.1	31.7	

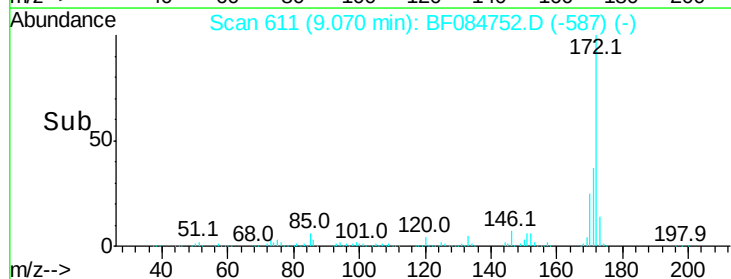
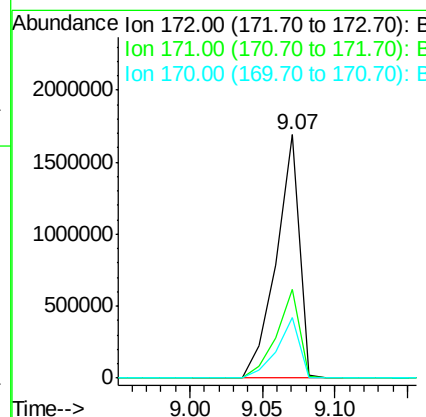
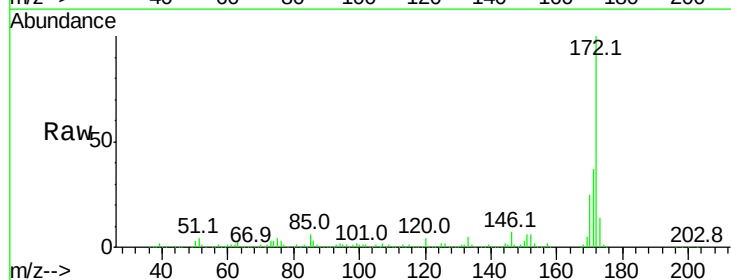
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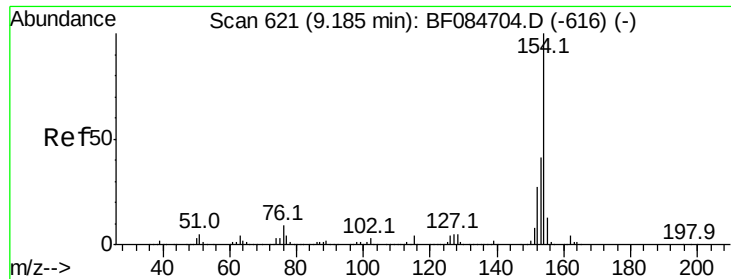
MMDadoda
 2/3/2016 6:25:36 PM



#44
 2-Fluorobiphenyl
 Concen: 80.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1871415		
171	36.5	28.9	43.3	
170	25.0	18.6	27.8	





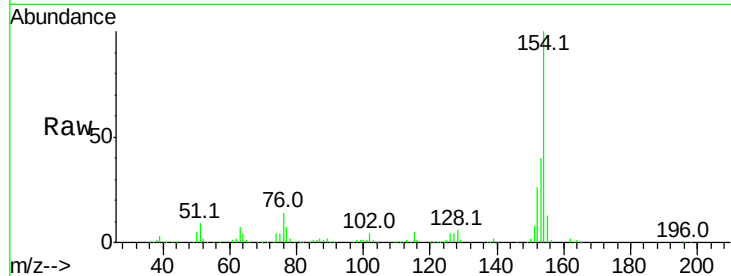
#45
 1,1'-Biphenyl
 Concen: 30.33 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampled :
 PB88120BS

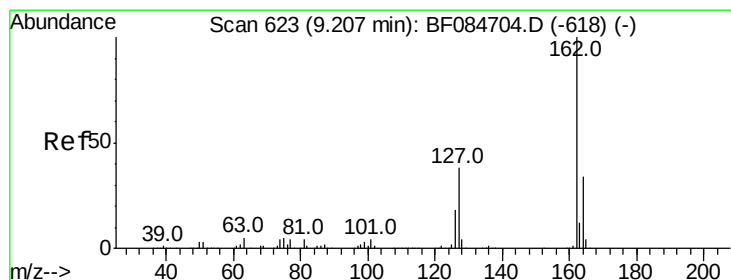
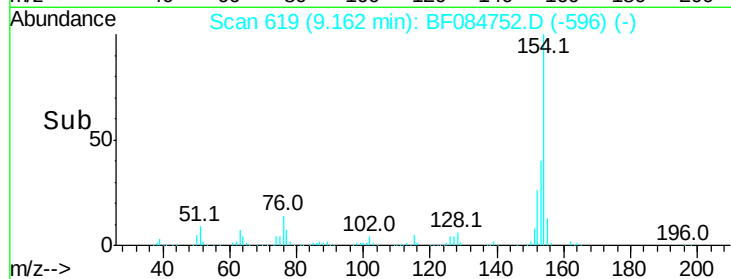
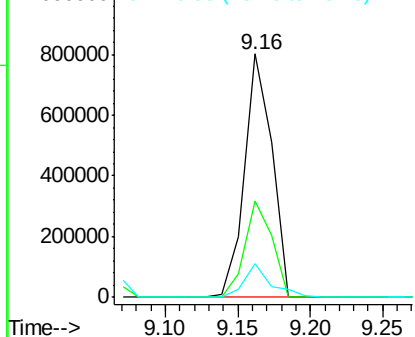
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.6	61.6
76	13.7	0.0	32.7

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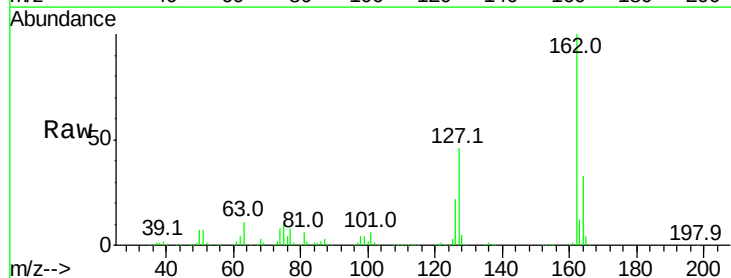


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

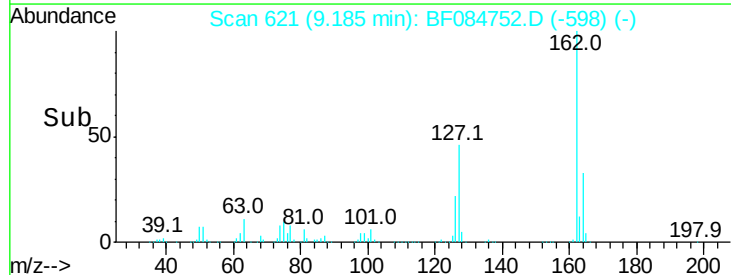
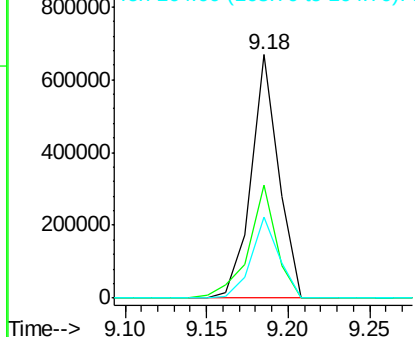


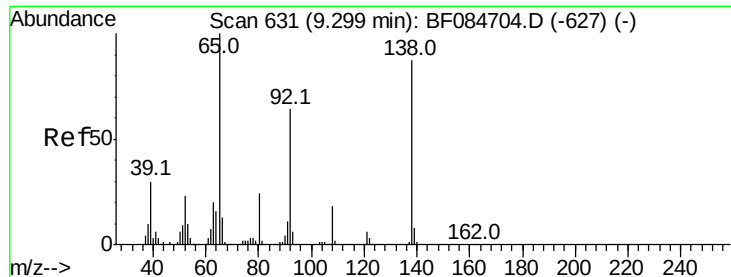
#46
 2-Chloronaphthalene
 Concen: 30.75 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.3	40.2	60.4
164	33.1	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: 31.20 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion: 65 Resp: 250183

Ion Ratio Lower Upper

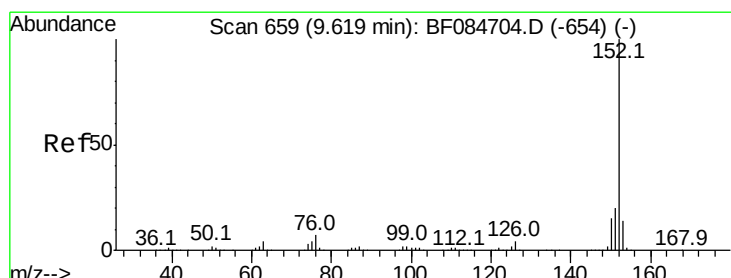
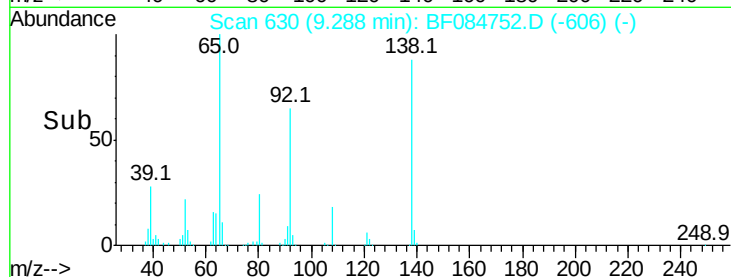
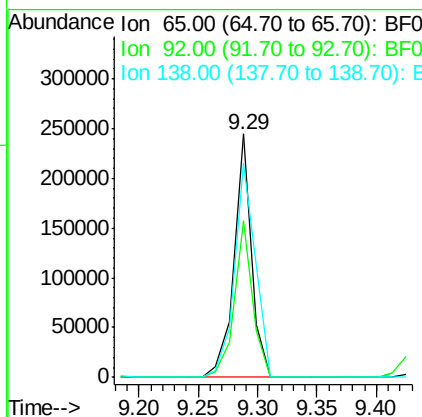
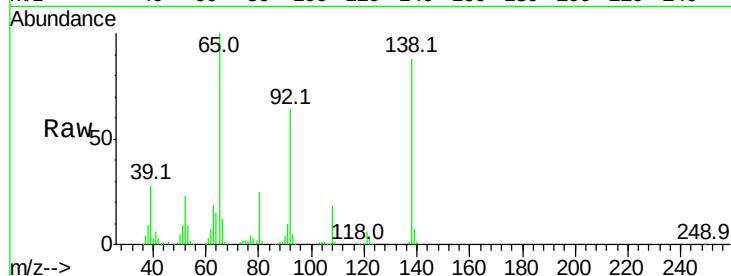
65 100

92 64.3 53.4 80.2

138 87.8 71.1 106.7

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#48

Acenaphthylene

Concen: 32.56 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

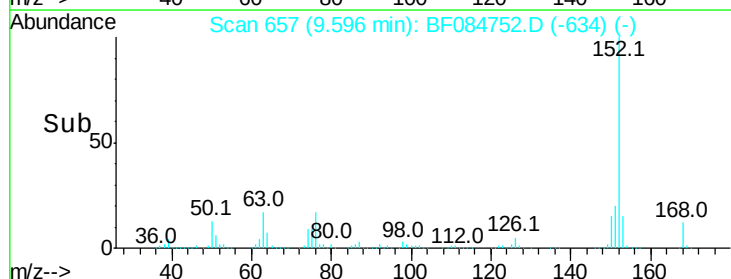
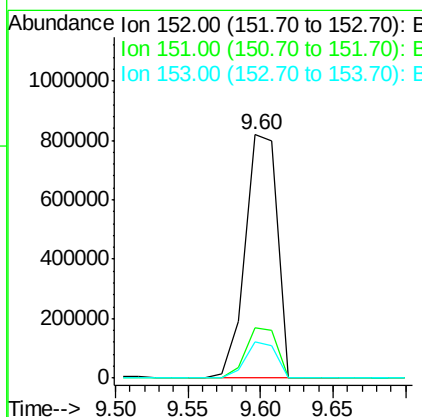
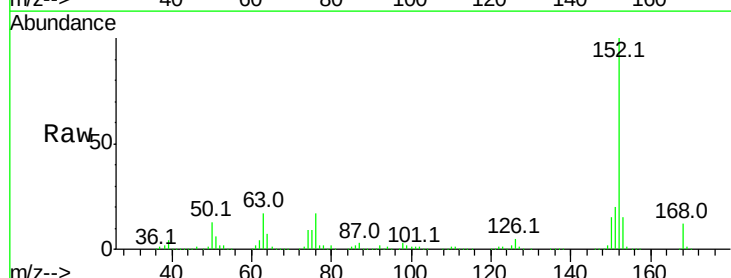
Tgt Ion:152 Resp: 1251265

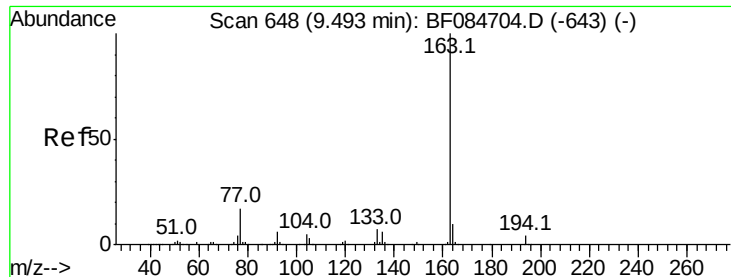
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 15.0 10.4 15.6





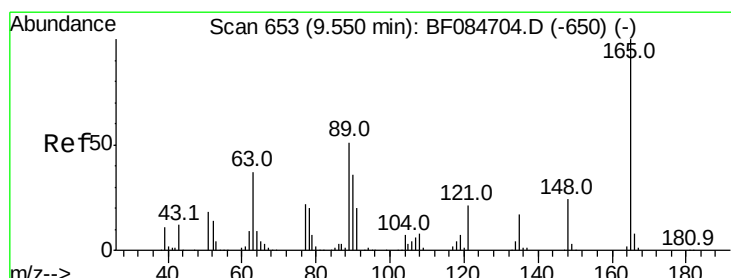
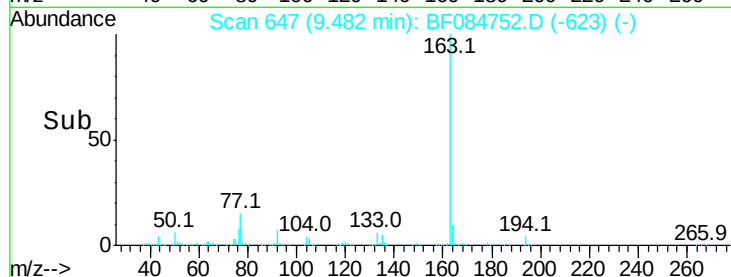
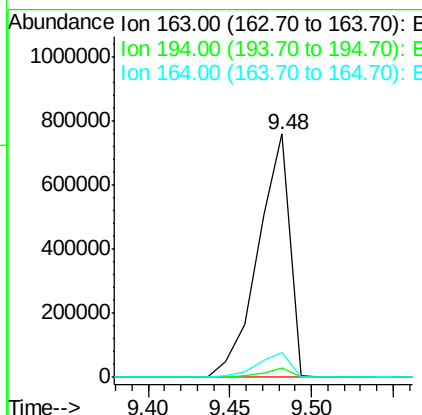
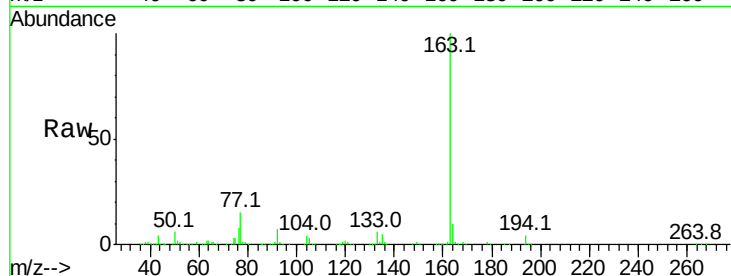
#49
Dimethylphthalate
Concen: 34.91 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.1	8.0	12.0

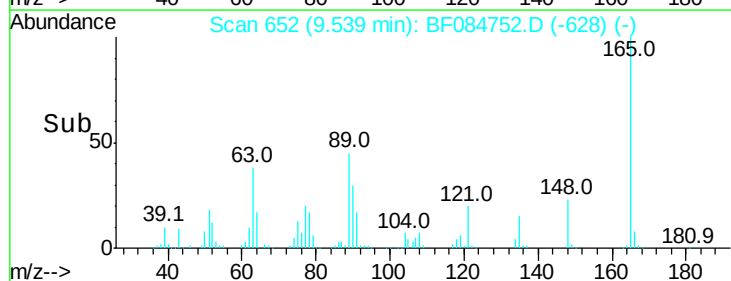
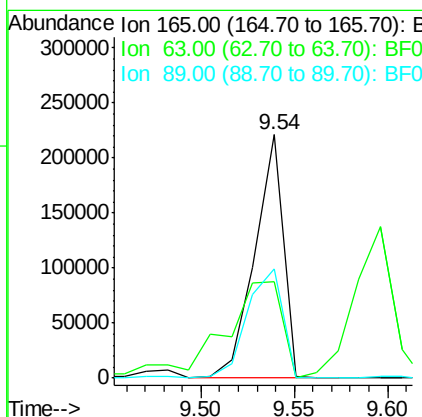
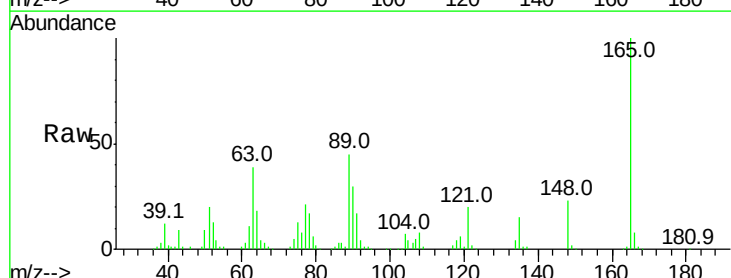
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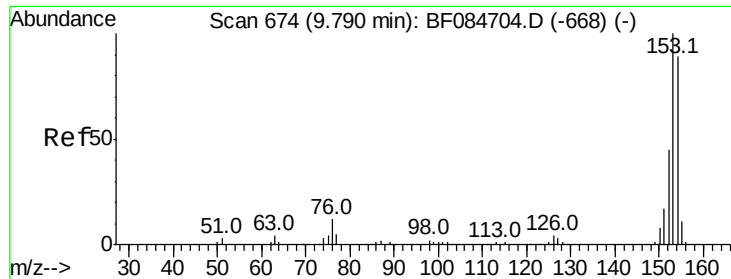
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#50
2,6-Dinitrotoluene
Concen: 36.51 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.5	28.8	43.2
89	45.0	35.1	52.7





#51

Acenaphthene

Concen: 32.63 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

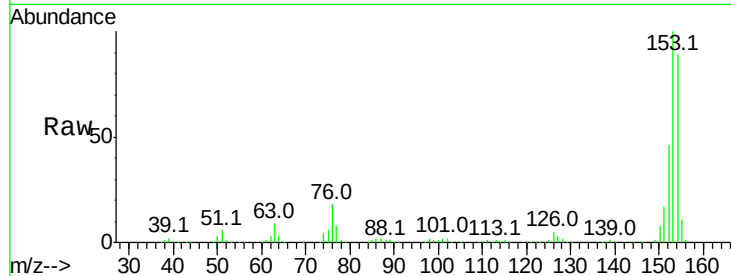
ClientSampleId :

PB88120BS

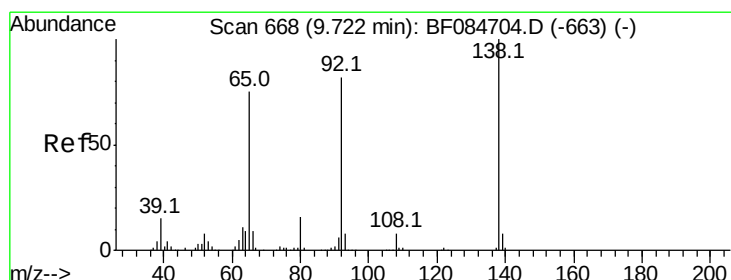
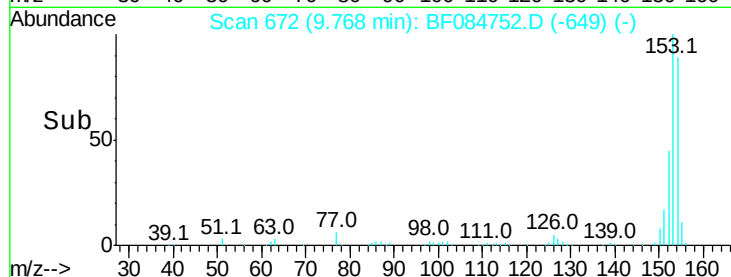
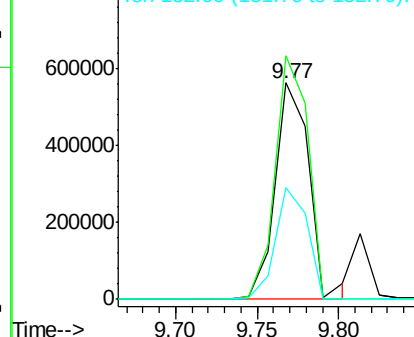
Tot Ion:	154	Resp:	815999
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.5	137.3
152	51.9	43.0	64.6

Manual Integrations
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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: 8.93 ng

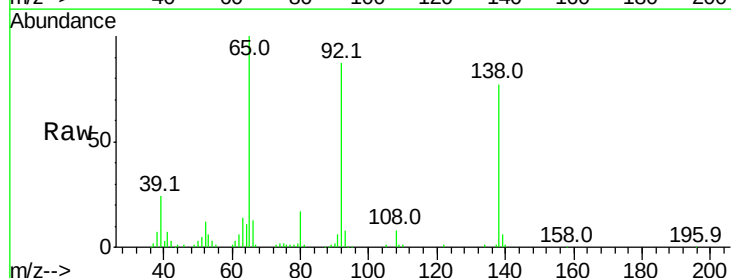
RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

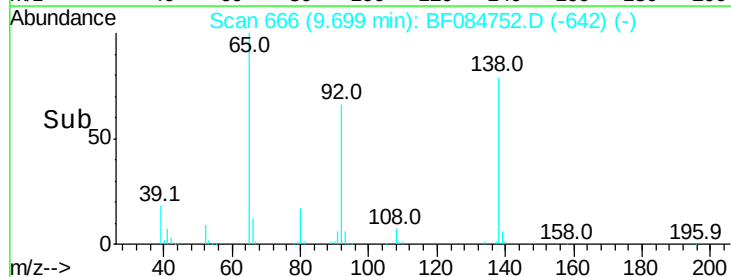
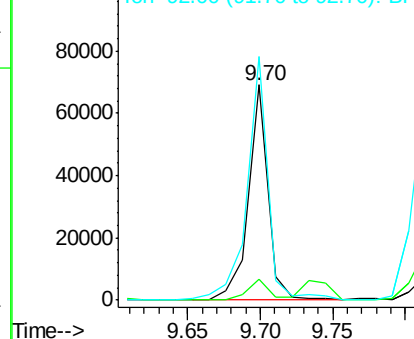
Lab File: BF084752.D

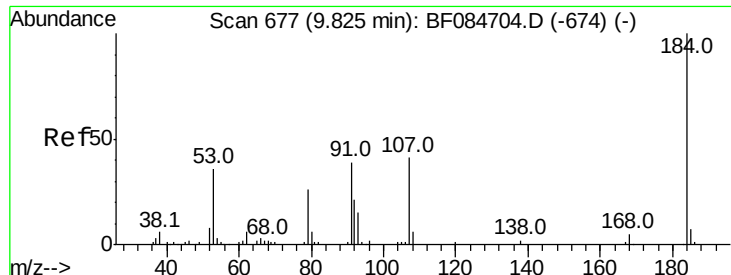
Acq: 2 Feb 2016 18:12

Tgt Ion:	138	Resp:	64294
Ion Ratio	Lower	Upper	
138	100		
108	10.0	10.5	15.7#
92	113.3	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





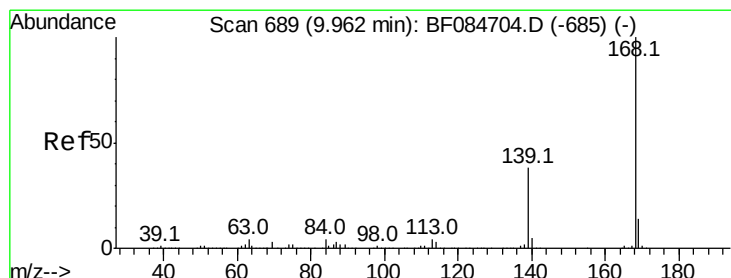
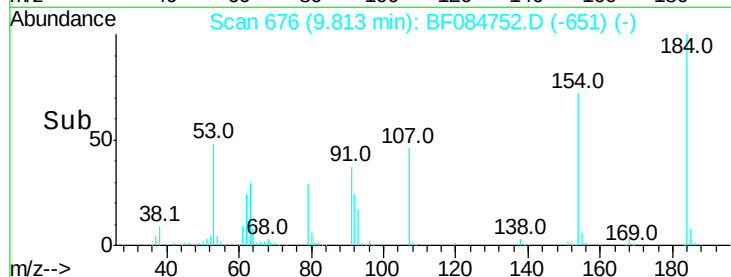
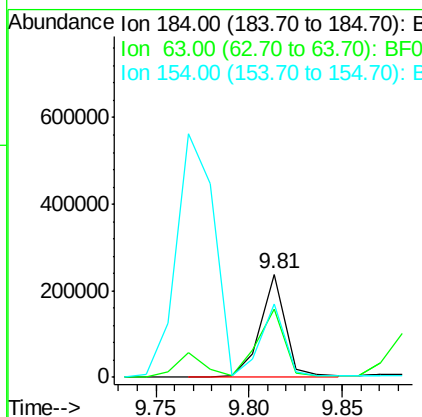
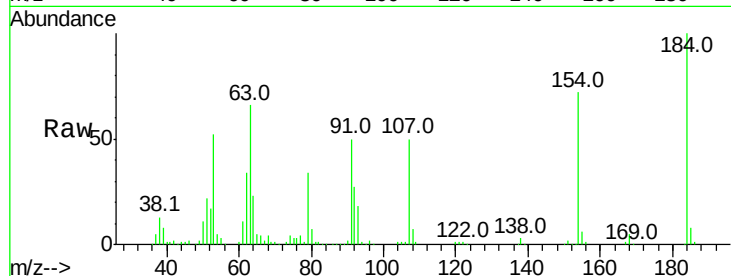
#53
 2,4-Dinitrophenol
 Concen: 75.56 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampled :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	222407		
63	66.1	43.1	64.7#	
154	71.8	60.5	90.7	

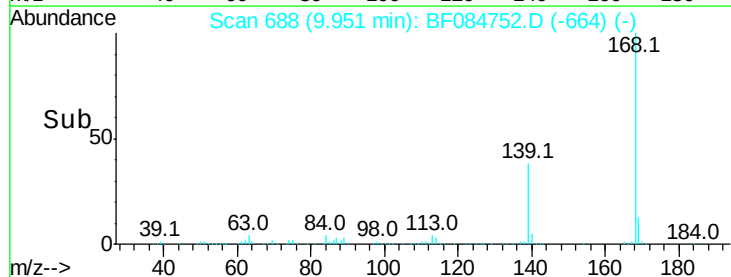
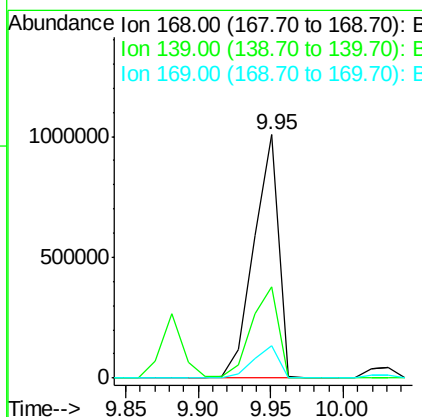
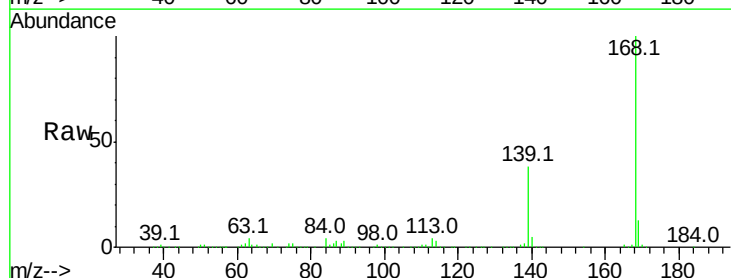
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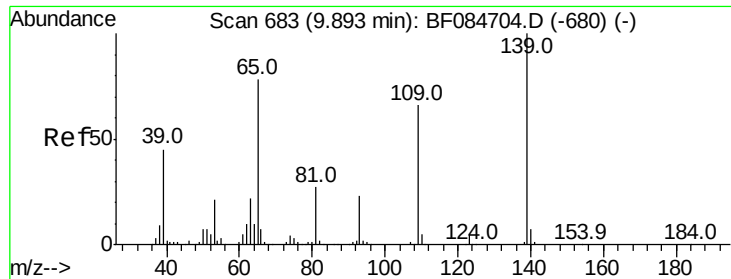
MMDadoda
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#54
 Dibenzofuran
 Concen: 38.77 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1184802		
139	37.6	30.5	45.7	
169	13.2	10.4	15.6	





#55

4-Nitrophenol

Concen: 54.58 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:139 Resp: 288778

Ion Ratio Lower Upper

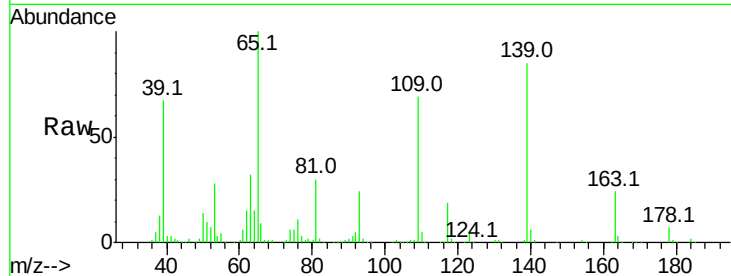
139 100

109 81.4 58.5 98.5

65 117.8 57.6 97.6#

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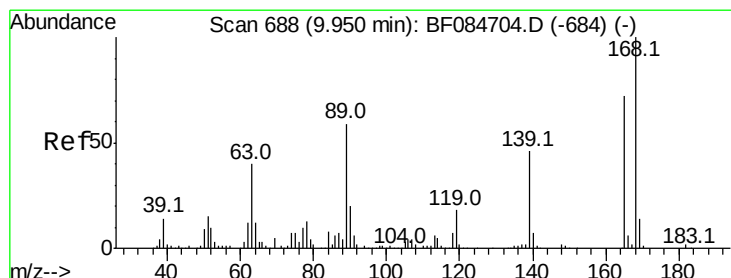
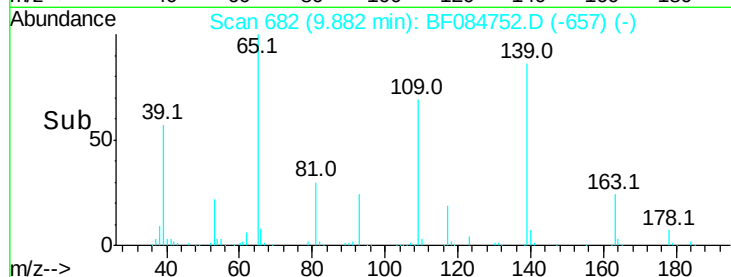
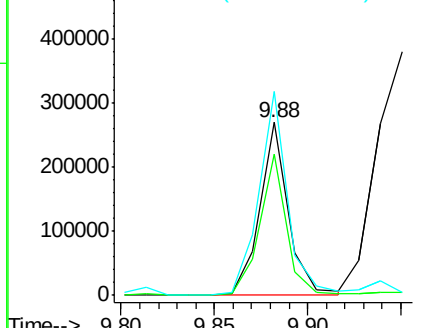
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.30 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:165 Resp: 296599

Ion Ratio Lower Upper

165 100

63 60.6 36.7 55.1#

89 84.3 61.9 92.9

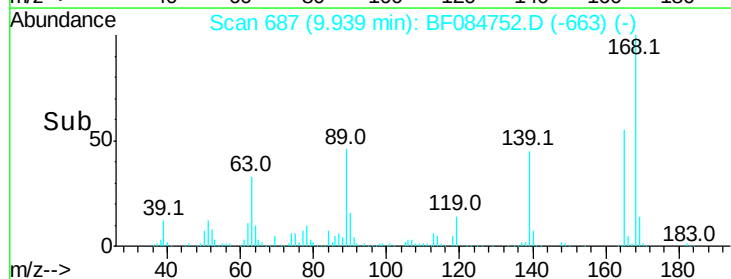
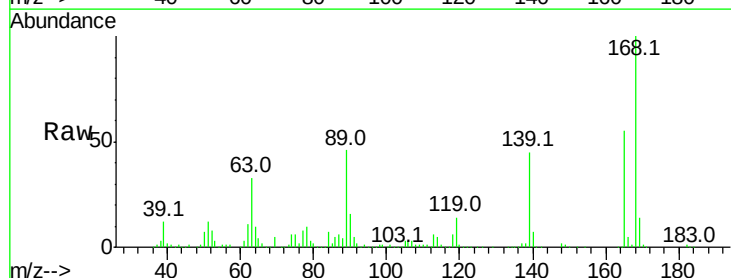
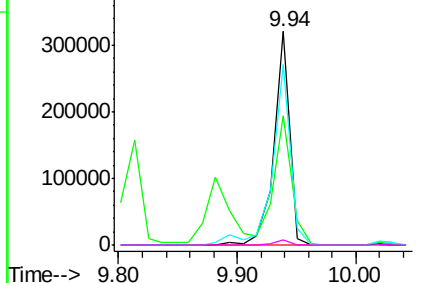
182 2.2 2.0 3.0

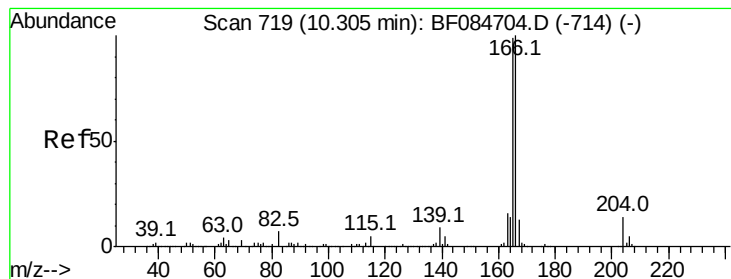
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.03 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

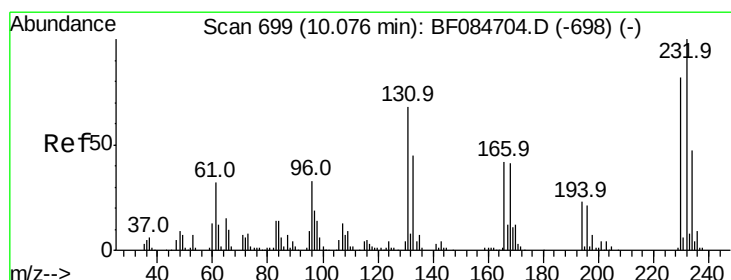
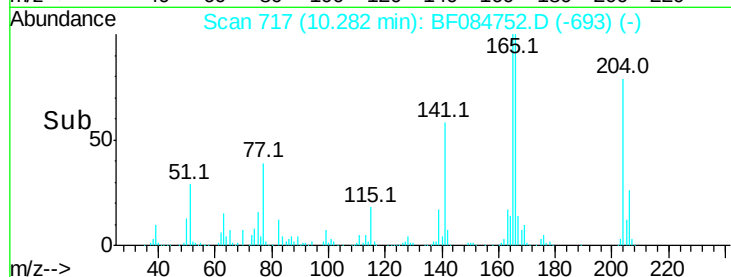
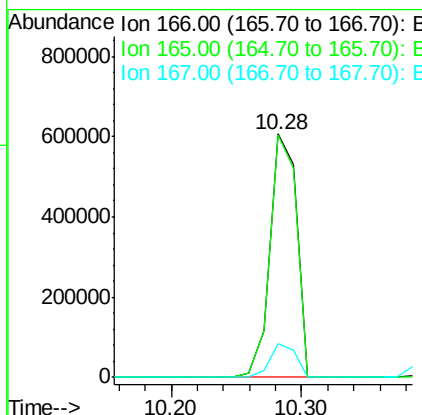
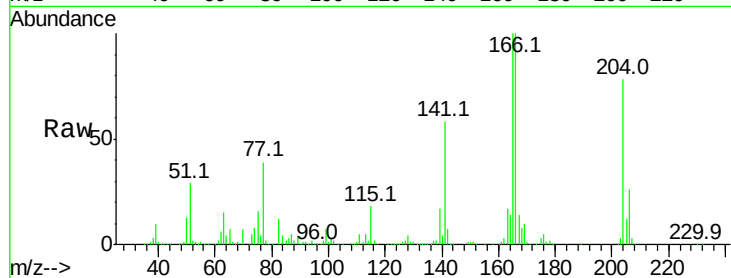
ClientSampleId :

PB88120BS

Tot Ion:	166	Resp:	868366
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.1	118.7
167	13.8	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.14 ng

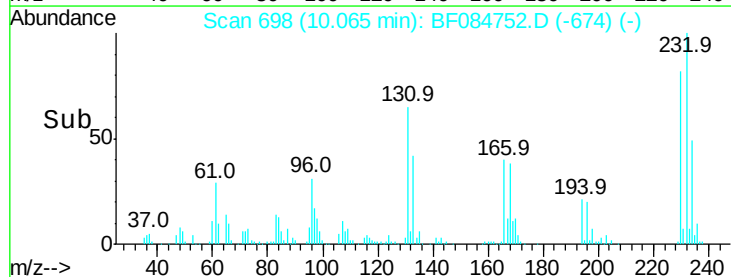
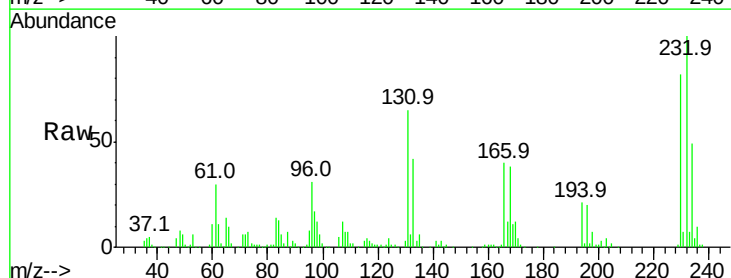
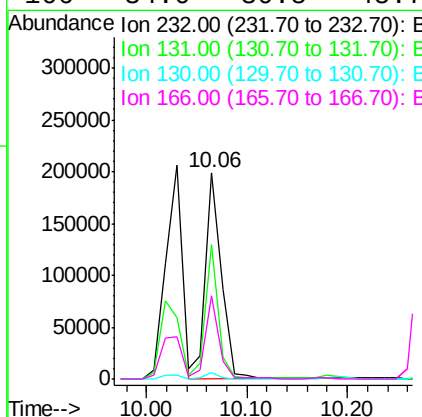
RT: 10.06 min Scan# 698

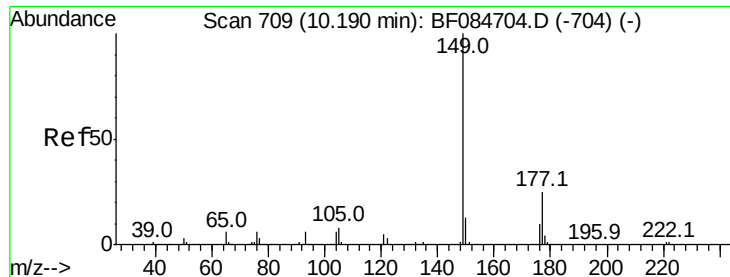
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	232	Resp:	220233
Ion Ratio	Lower	Upper	
232	100		
131	53.7	47.0	70.6
130	2.5	2.0	3.0
166	34.0	30.5	45.7





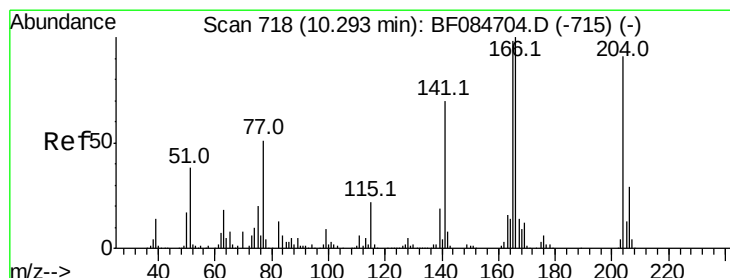
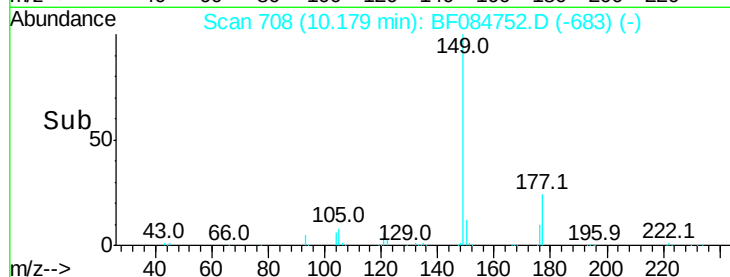
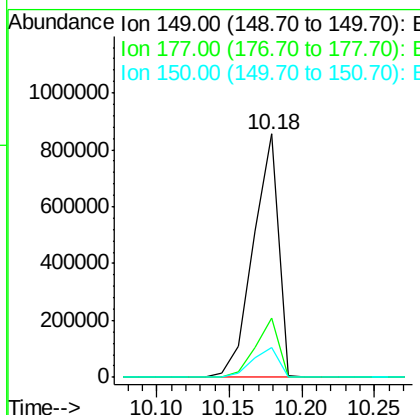
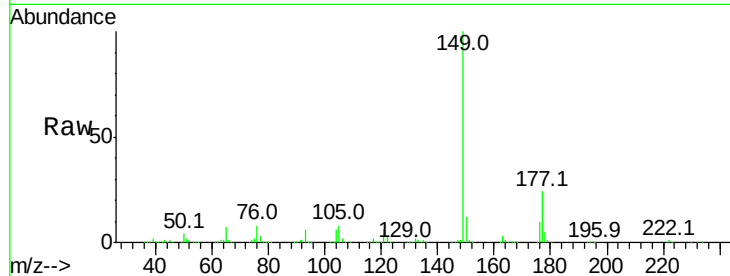
#59
Diethylphthalate
Concen: 35.90 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampled :
PB88120BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.3	25.9
150	12.1	9.8	14.8

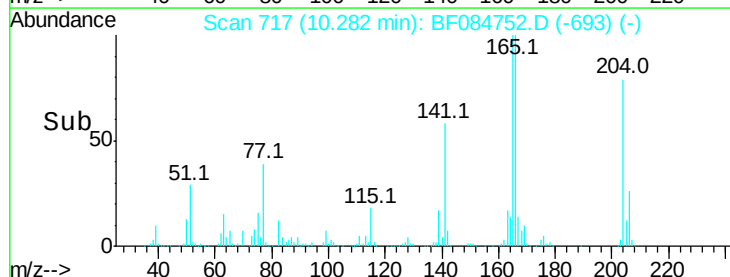
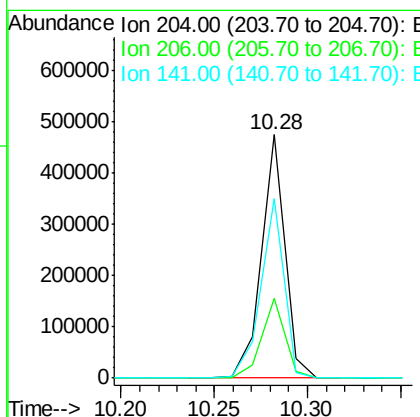
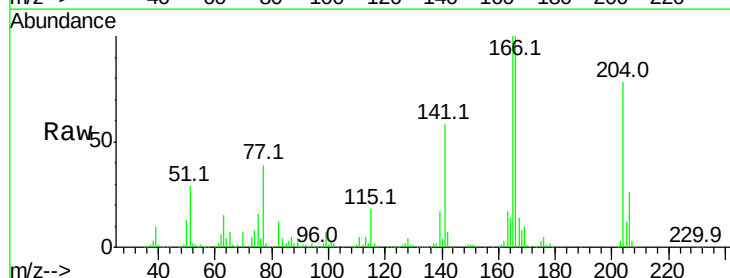
Manual Integrations
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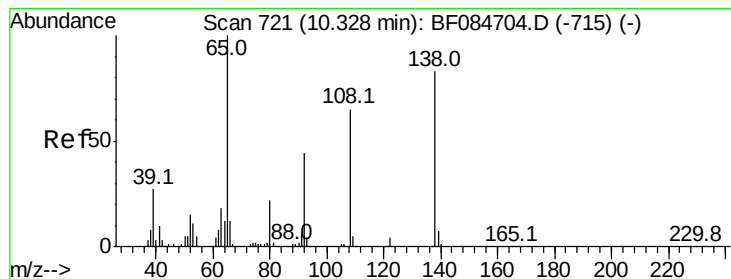
MMDadoda
2/3/2016 6:25:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.03 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.7	38.5
141	73.7	55.1	82.7





#61

4-Nitroaniline

Concen: 30.56 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB88120BS

Tot Ion:138 Resp: 214371

Ion Ratio Lower Upper

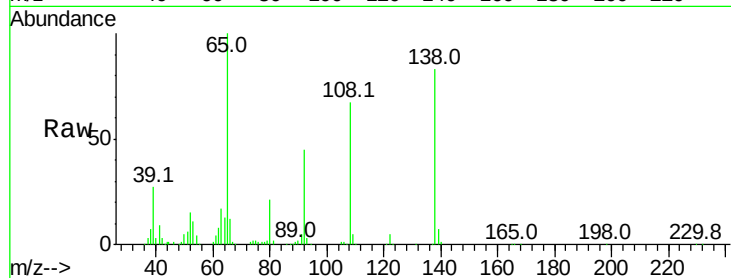
138 100

92 54.0 32.6 72.6

108 80.4 68.6 108.6

Manual Integrations
APPROVED

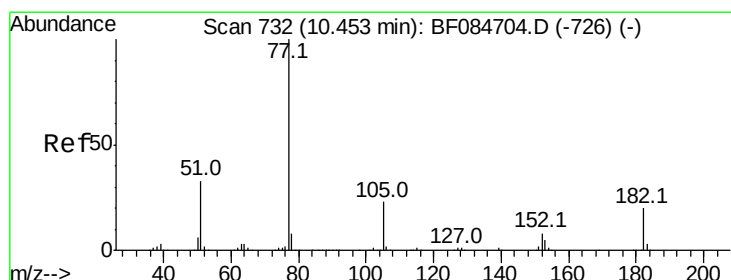
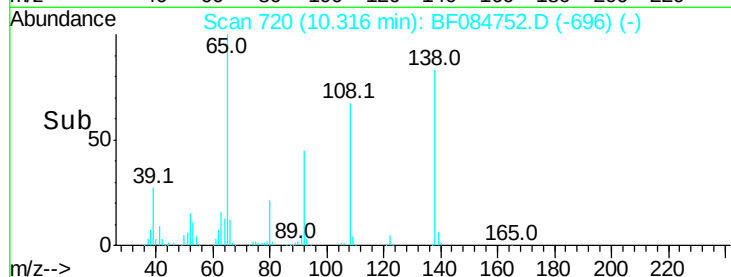
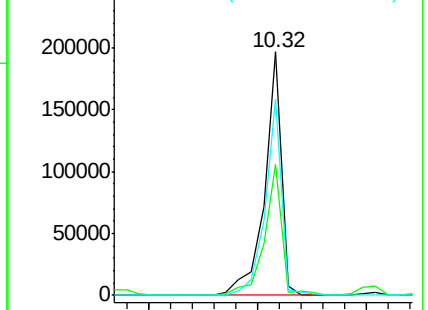
MMDadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.26 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion: 77 Resp: 1081138

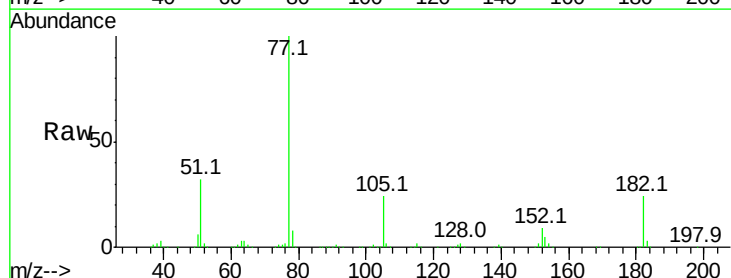
Ion Ratio Lower Upper

77 100

182 23.7 8.3 48.3

105 24.3 4.6 44.6

51 31.5 6.2 46.2

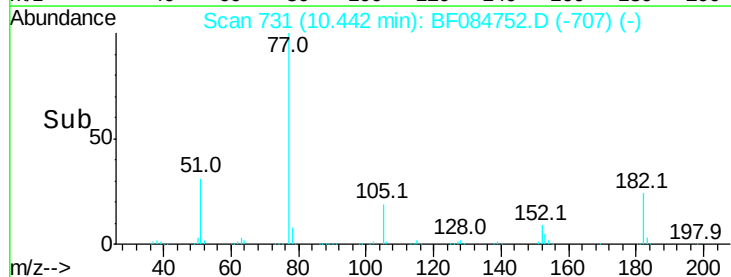
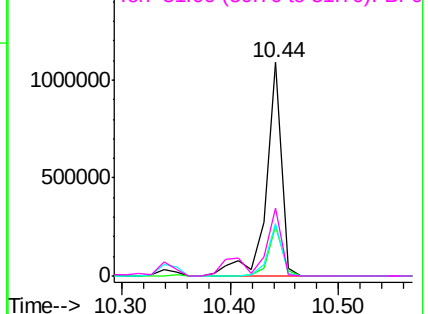


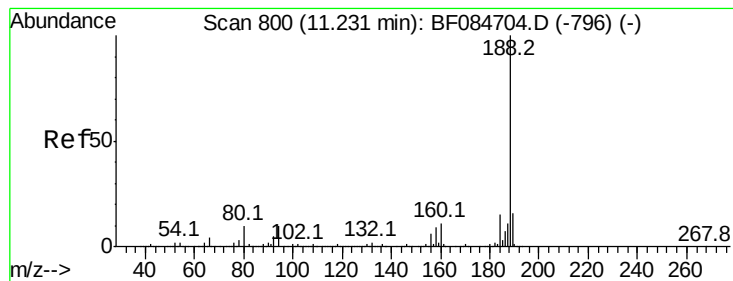
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

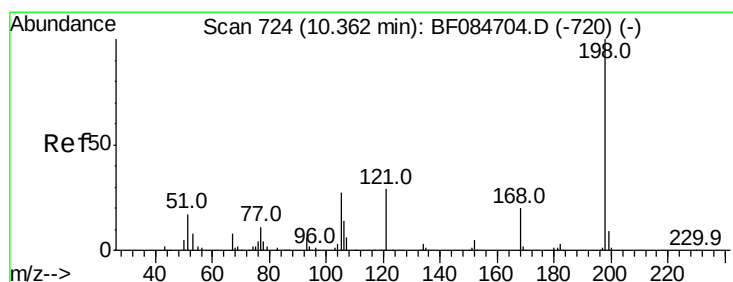
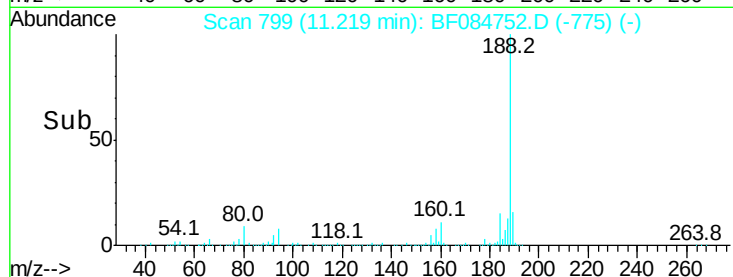
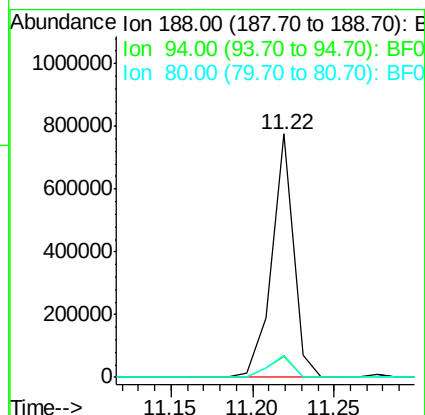
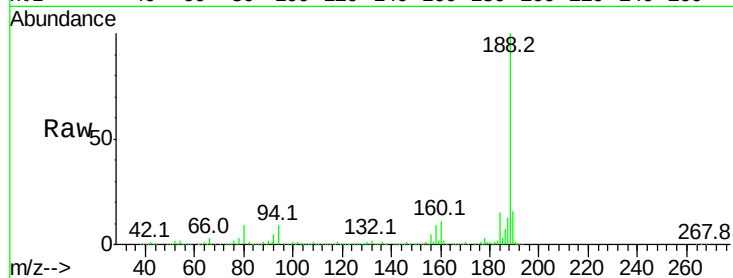
ClientSampled :

PB88120BS

Tot Ion:	188	Resp:	722338
Ion Ratio	Lower	Upper	
188	100		
94	8.7	9.0	13.4#
80	9.1	9.6	14.4#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 36.33 ng

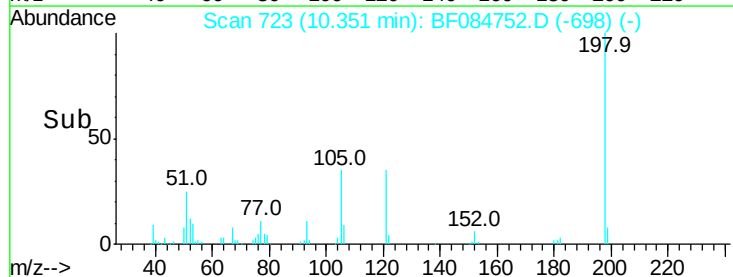
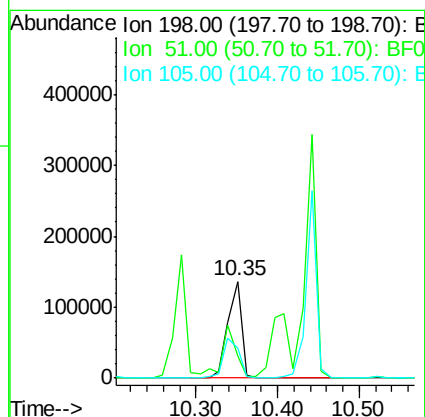
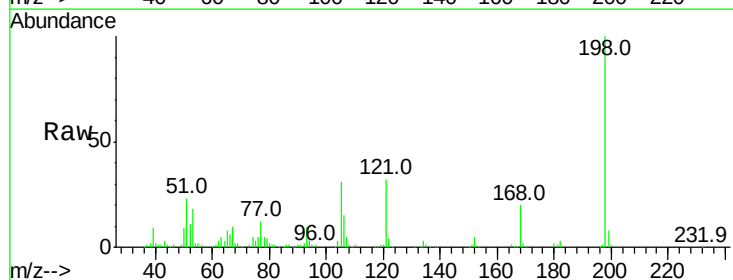
RT: 10.35 min Scan# 723

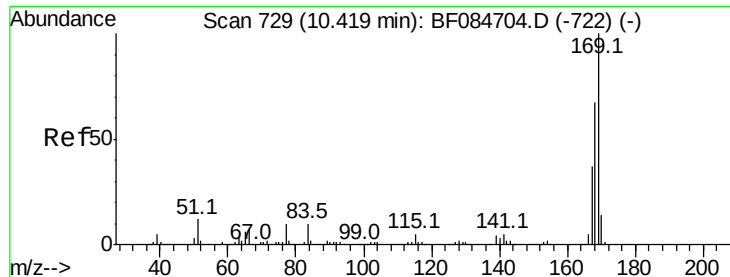
Delta R.T. -0.01 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	198	Resp:	161986
Ion Ratio	Lower	Upper	
198	100		
51	23.3	18.9	58.9
105	31.4	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 37.02 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:169 Resp: 849032

Ion Ratio Lower Upper

169 100

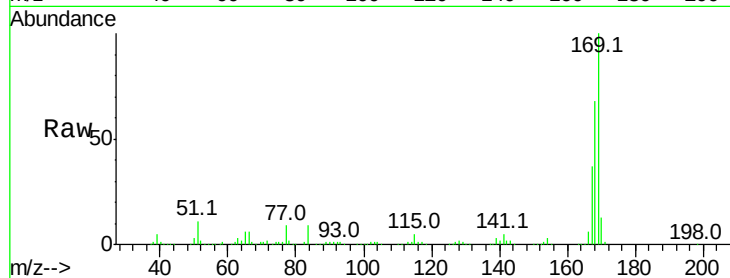
168 67.5 55.1 82.7

167 37.3 30.0 45.0

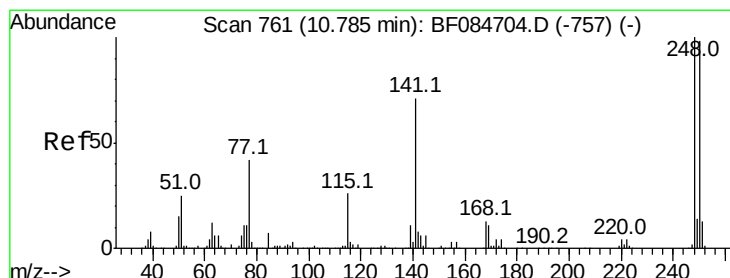
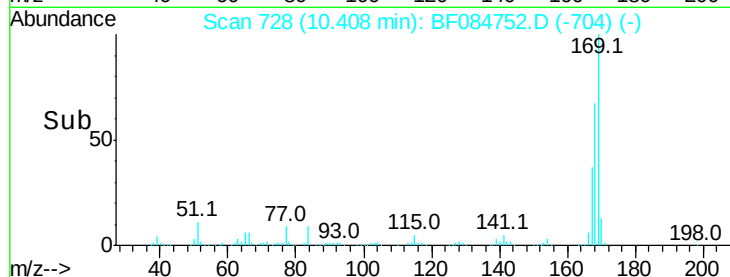
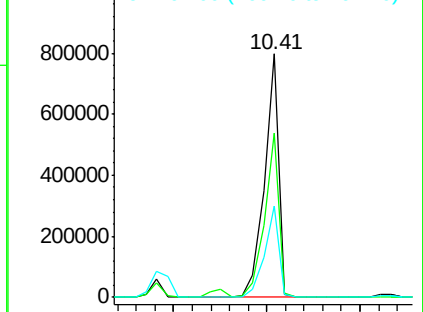
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.82 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

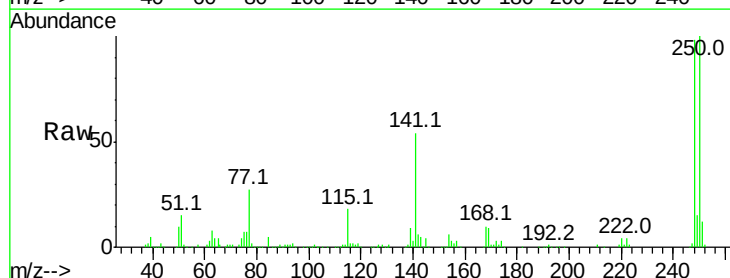
Tgt Ion:248 Resp: 277764

Ion Ratio Lower Upper

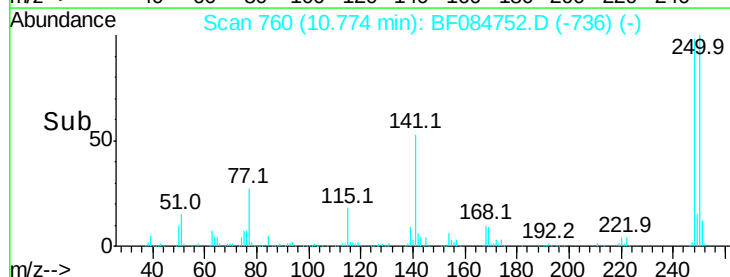
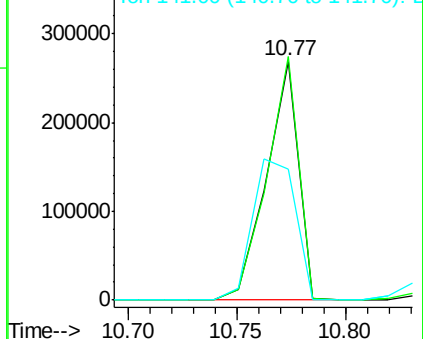
248 100

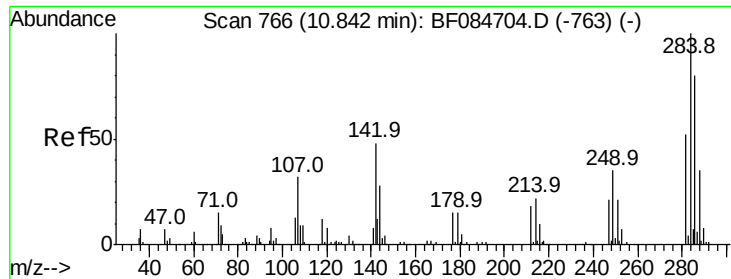
250 102.0 78.4 117.6

141 54.8 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: 33.49 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

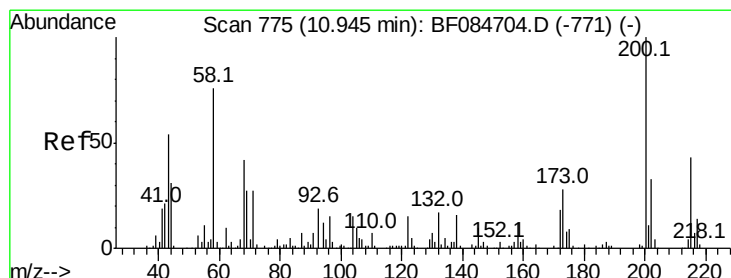
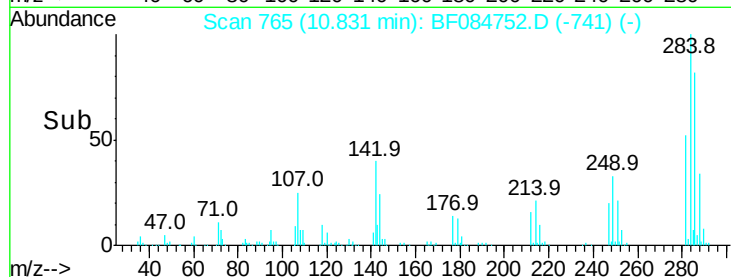
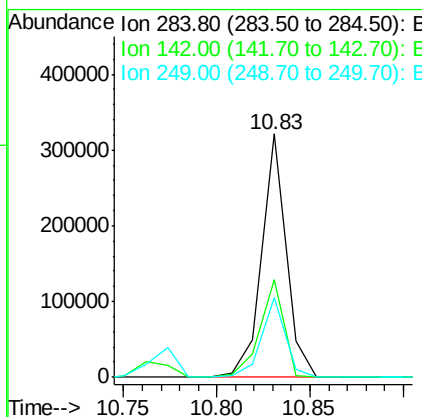
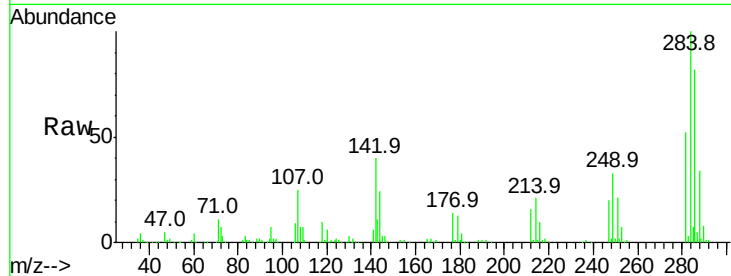
ClientSampleId :

PB88120BS

Tot Ion:	284	Resp:	291122
Ion Ratio		Lower	Upper
284	100		
142	40.2	22.2	33.4#
249	32.6	24.6	37.0

Manual Integrations
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#68

Atrazine

Concen: 34.16 ng

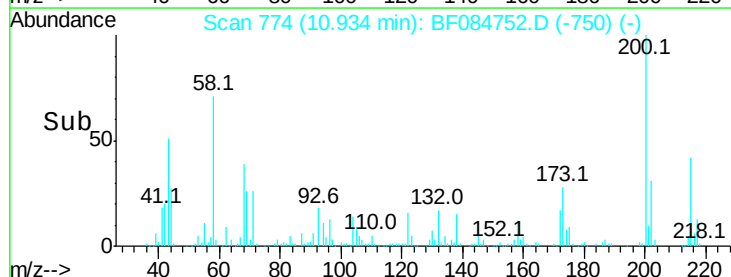
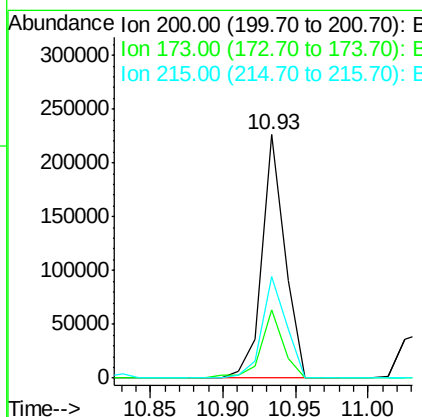
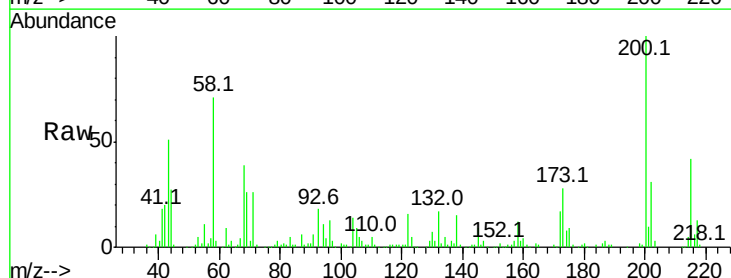
RT: 10.93 min Scan# 774

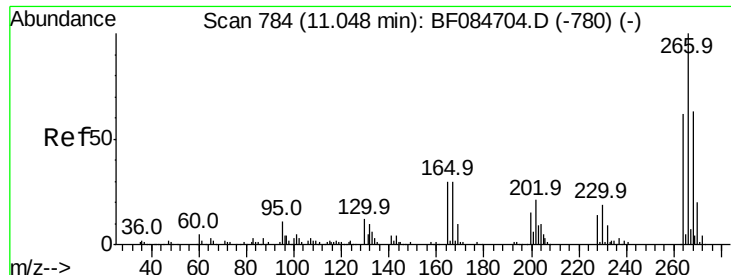
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	200	Resp:	247409
Ion Ratio		Lower	Upper
200	100		
173	28.3	9.5	49.5
215	41.7	23.8	63.8





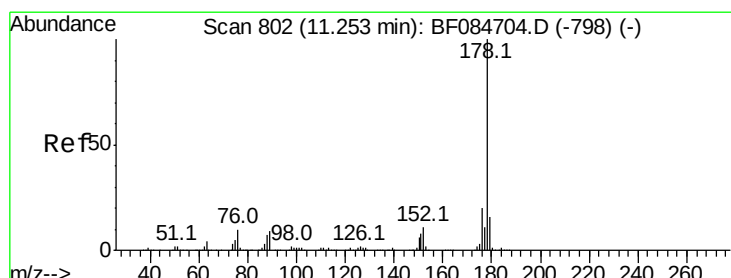
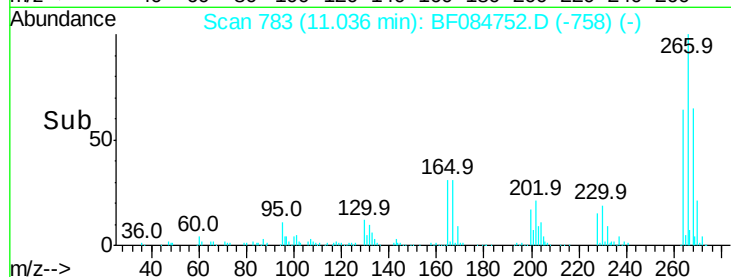
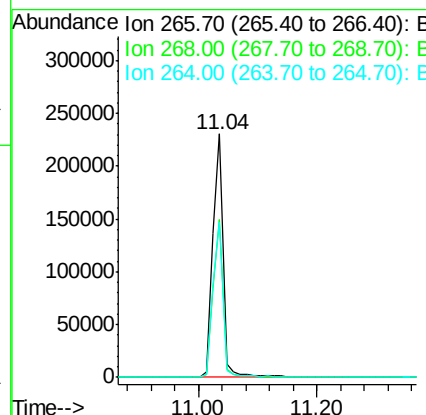
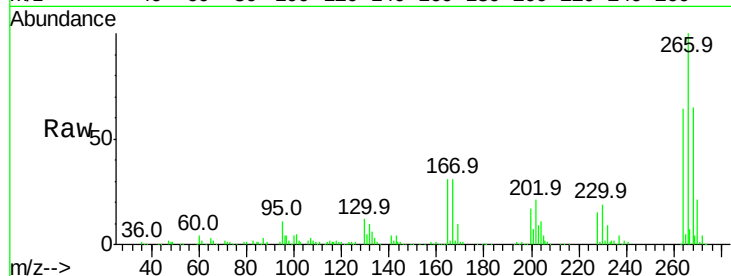
#69
 Pentachlorophenol
 Concen: 68.68 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	280576		
268	64.9		52.4	78.6
264	64.0		50.2	75.2

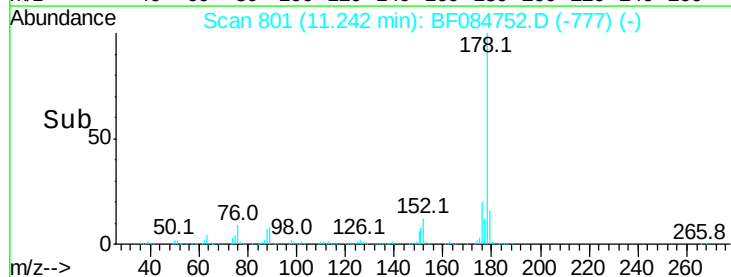
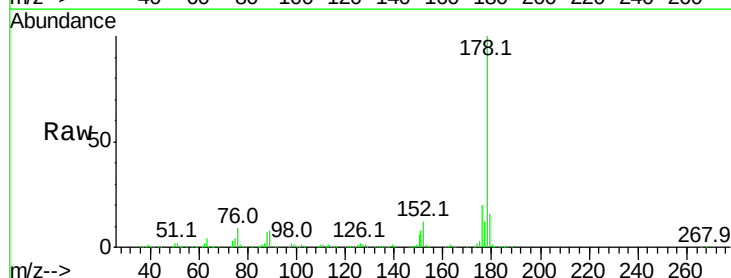
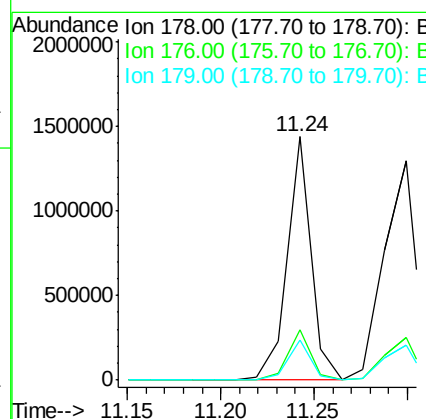
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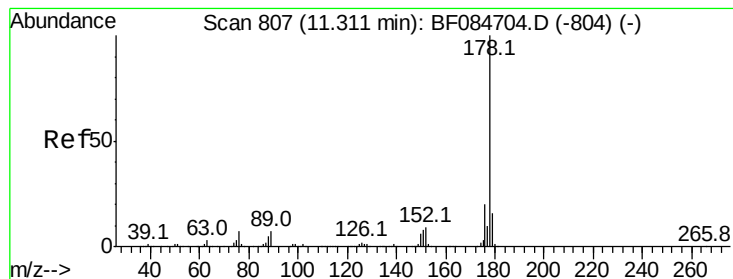
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#70
 Phenanthrene
 Concen: 32.24 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1291629		
176	20.5		15.3	22.9
179	16.3		12.0	18.0





#71

Anthracene

Concen: 36.38 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:178 Resp: 1468800

Ion Ratio Lower Upper

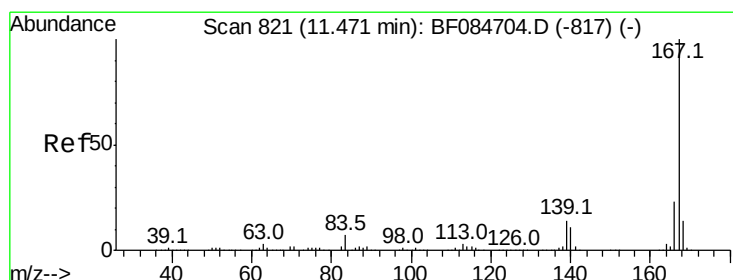
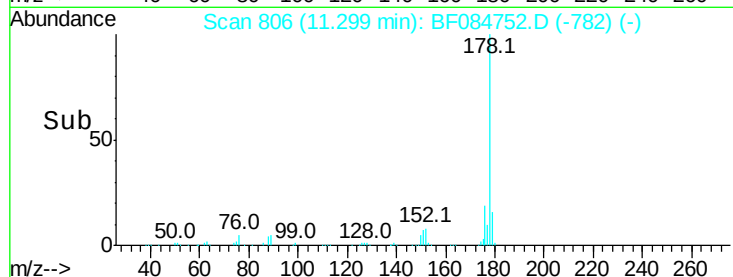
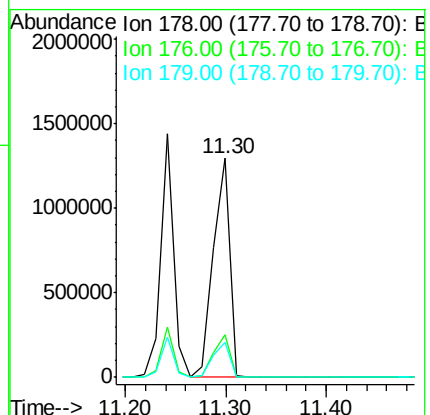
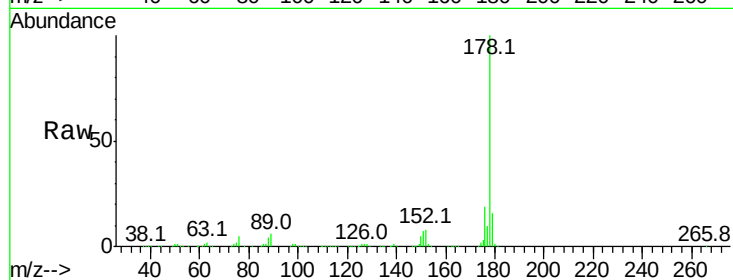
178 100

176 19.4 15.4 23.0

179 15.8 12.5 18.7

Manual Integrations
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#72

Carbazole

Concen: 37.14 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

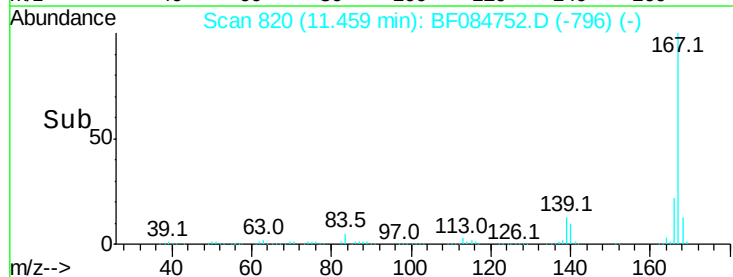
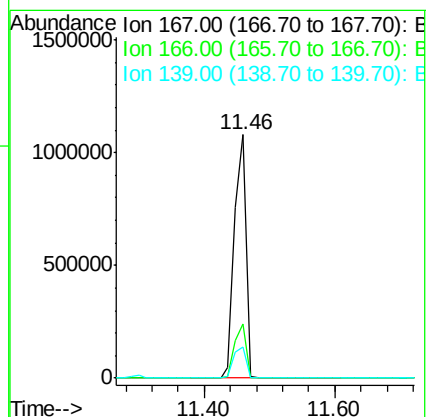
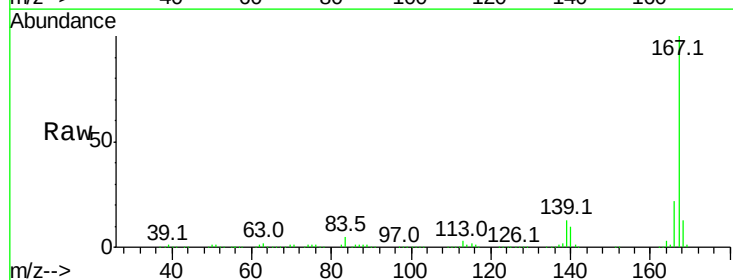
Tgt Ion:167 Resp: 1307302

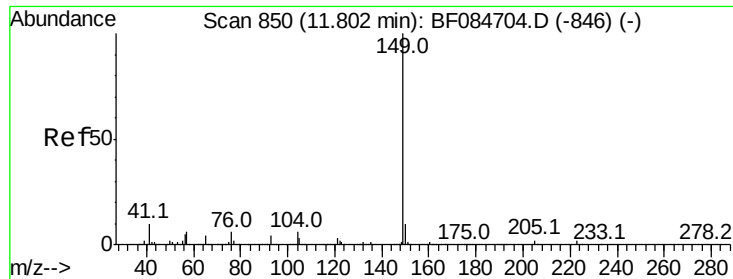
Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 12.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 32.35 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88120BS

Tot Ion:149 Resp: 1449998

Ion Ratio Lower Upper

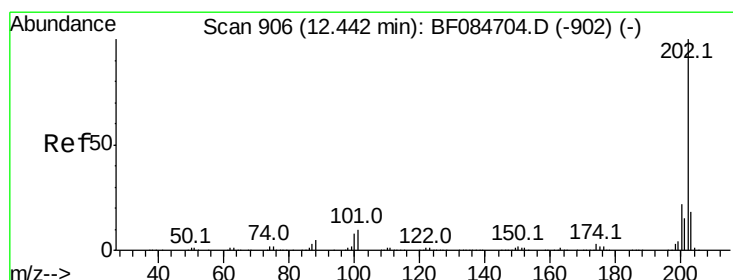
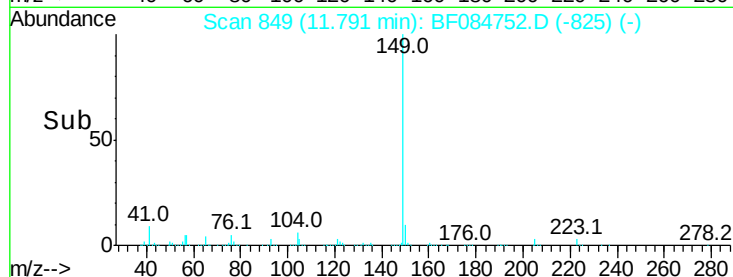
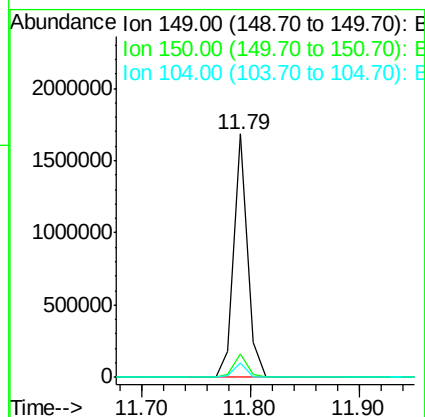
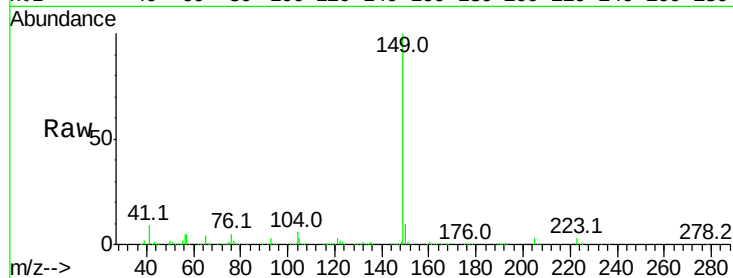
149 100

150 9.9 7.1 10.7

104 5.8 3.2 4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 37.23 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

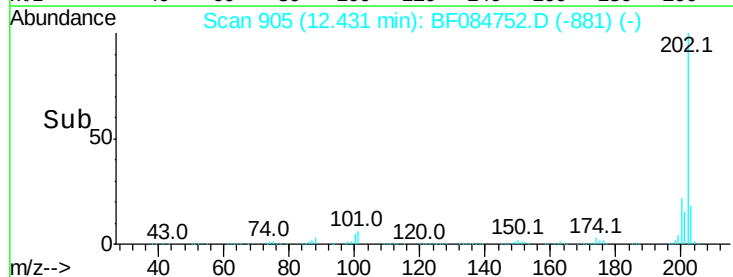
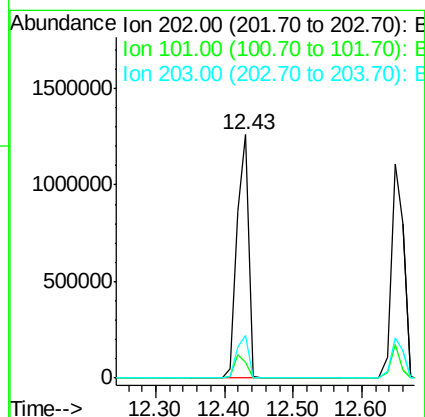
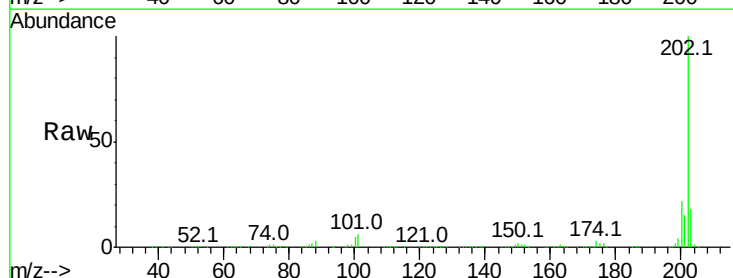
Tgt Ion:202 Resp: 1509784

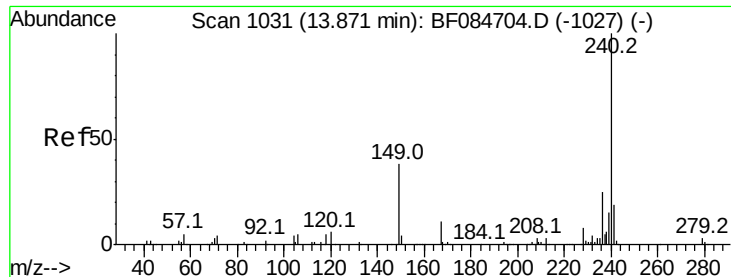
Ion Ratio Lower Upper

202 100

101 6.5 0.0 32.8

203 17.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

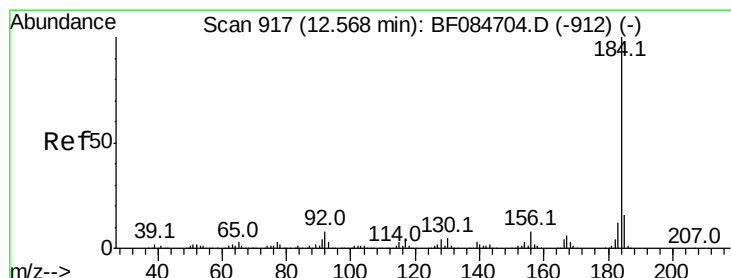
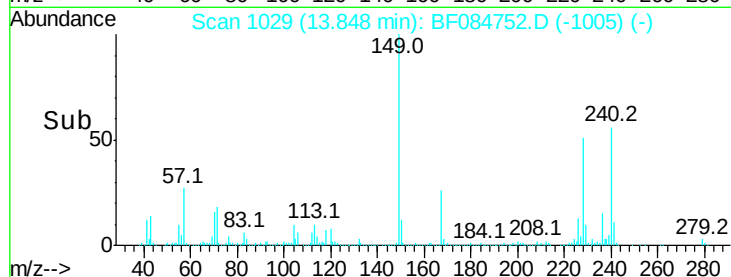
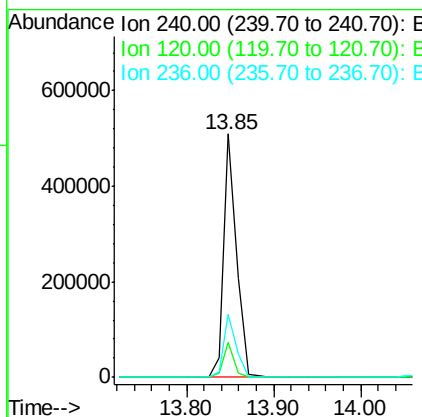
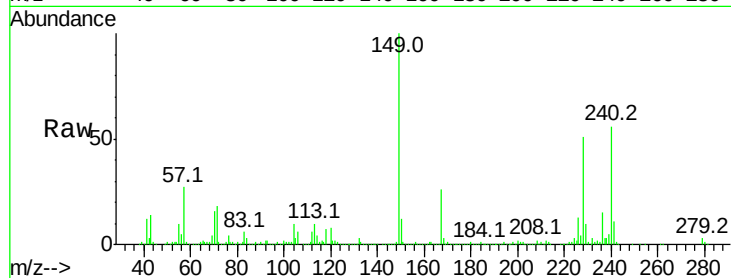
ClientSampleId :

PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.5	9.5	14.3	
236	26.0	20.6	31.0	

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#76

Benzidine

Concen: 16.29 ng

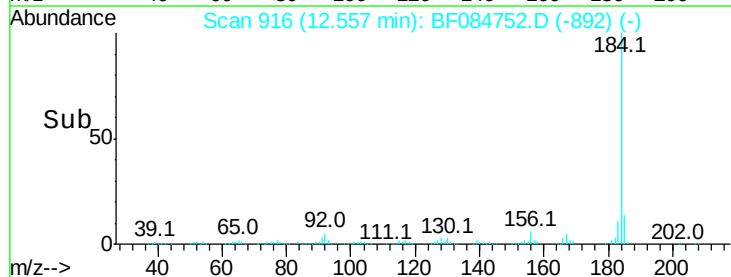
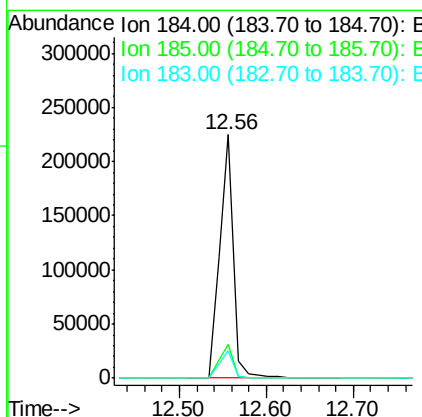
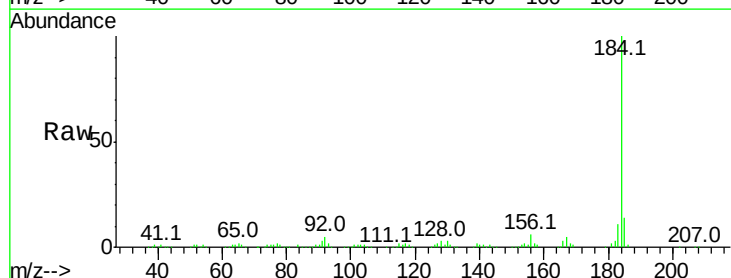
RT: 12.56 min Scan# 916

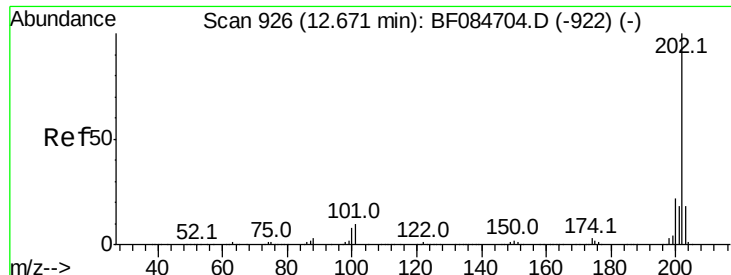
Delta R.T. -0.02 min

Lab File: BF084752.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.0	12.2	18.2	
183	11.2	9.8	14.8	





#77

Pvrene

Concen: 34.35 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB88120BS

Tot Ion:202 Resp: 1397226

Ion Ratio Lower Upper

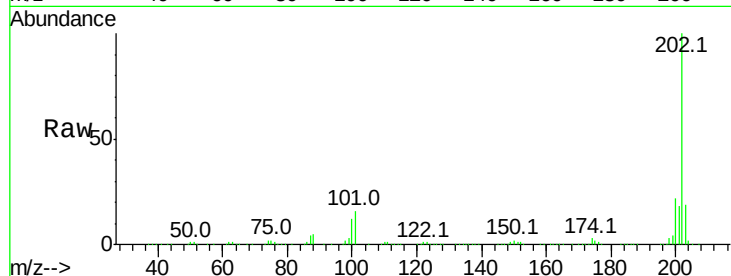
202 100

200 21.6 17.2 25.8

203 18.8 14.3 21.5

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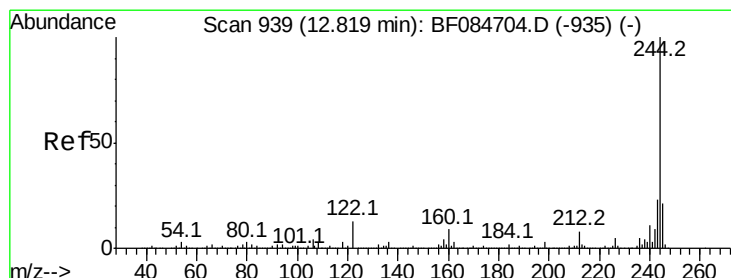
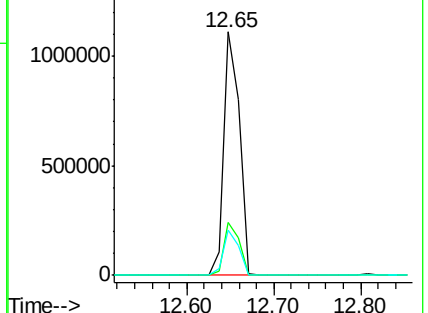
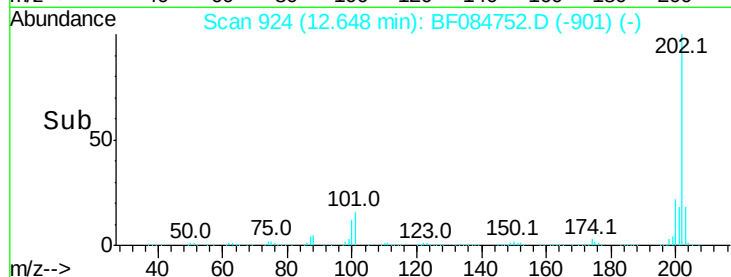
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.06 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

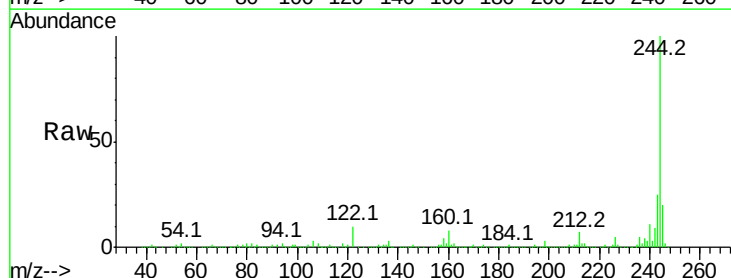
Tgt Ion:244 Resp: 1876962

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

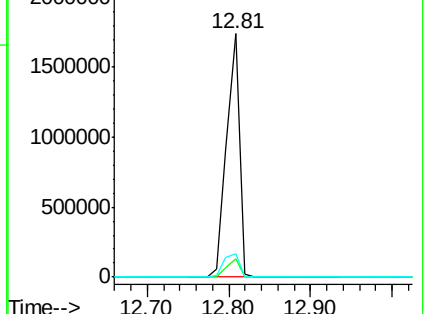
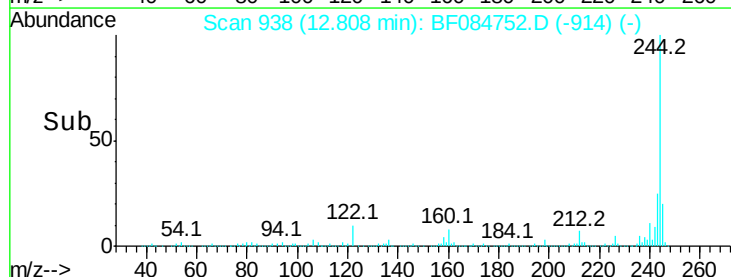
122 9.9 7.4 11.0

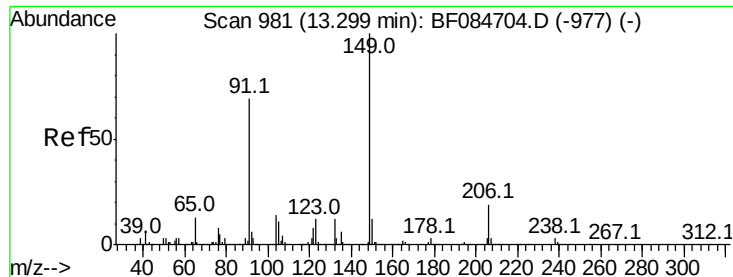


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





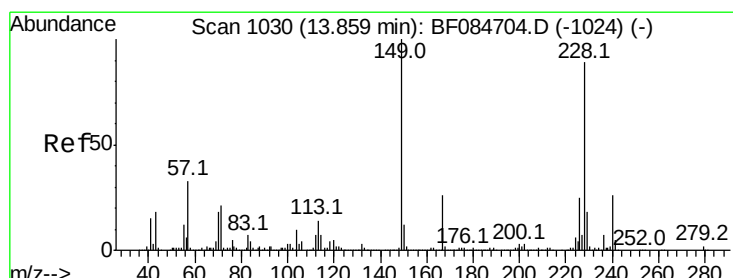
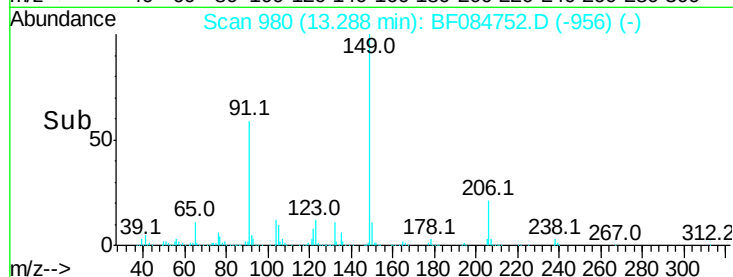
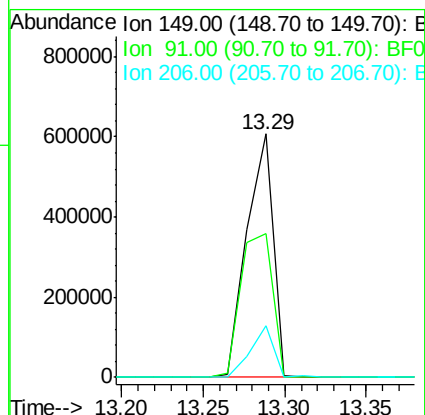
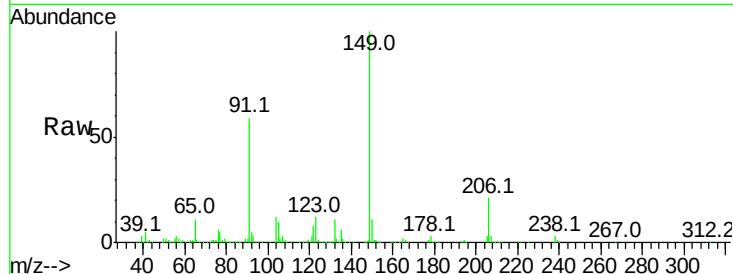
#79
Butylbenzylphthalate
Concen: 36.78 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	59.3	57.6	86.4
206	21.3	13.2	19.8

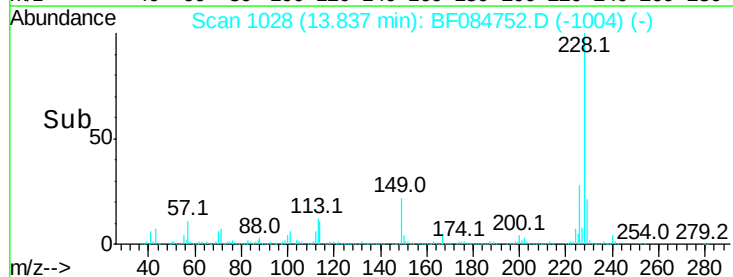
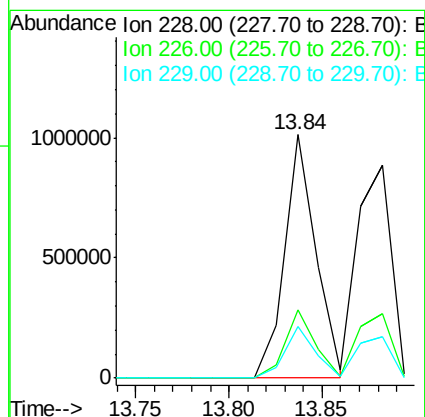
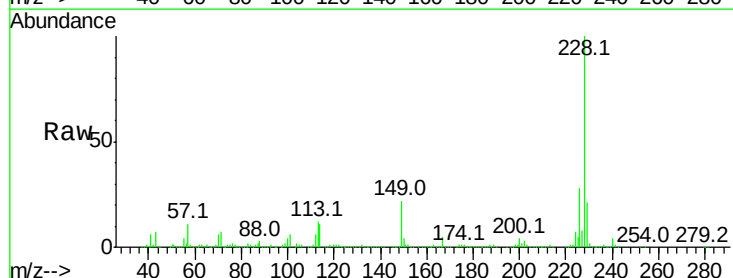
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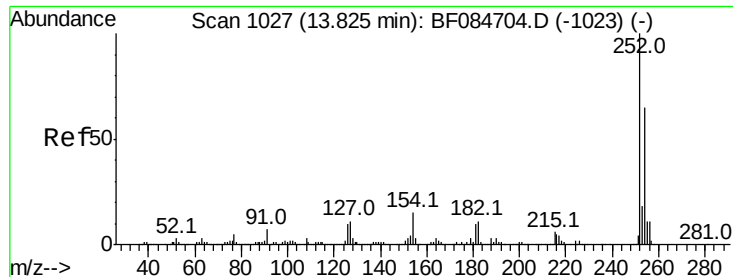
MMDadoda
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#80
Benzo(a)anthracene
Concen: 35.99 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	21.8	32.6
229	21.2	15.8	23.8





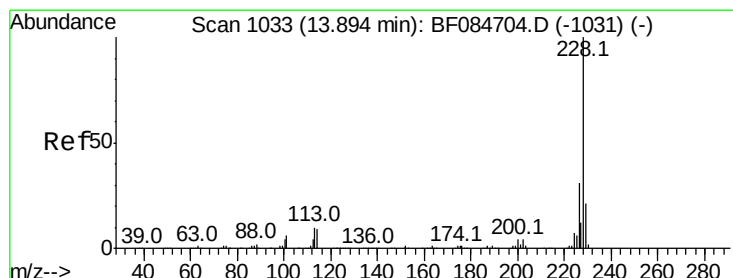
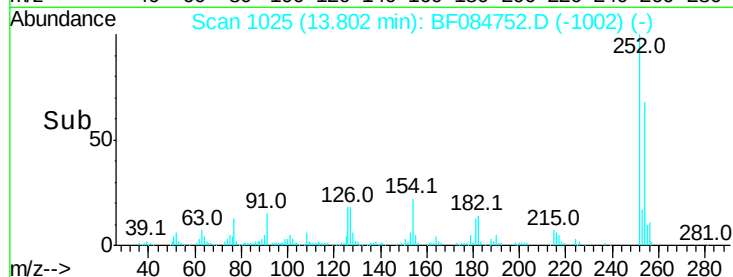
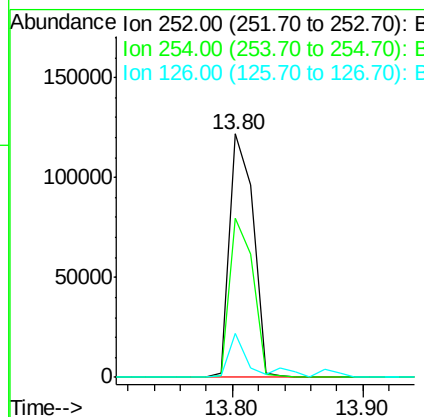
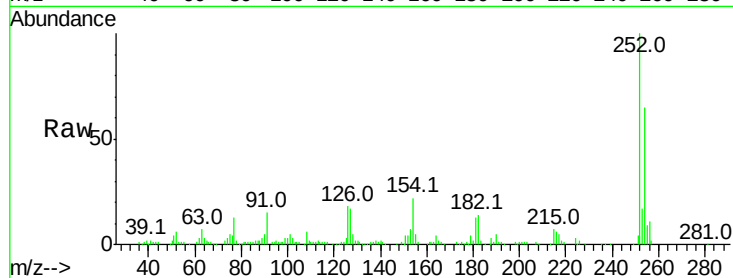
#81
 3,3'-Dichlorobenzidine
 Concen: 13.15 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.2	53.5	80.3	
126	17.9	4.9	7.3	

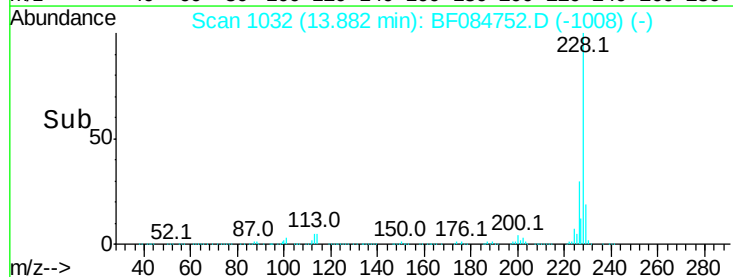
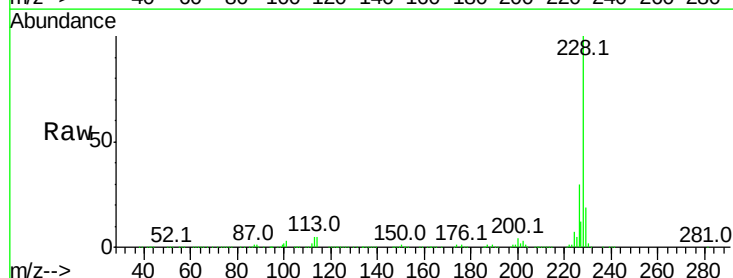
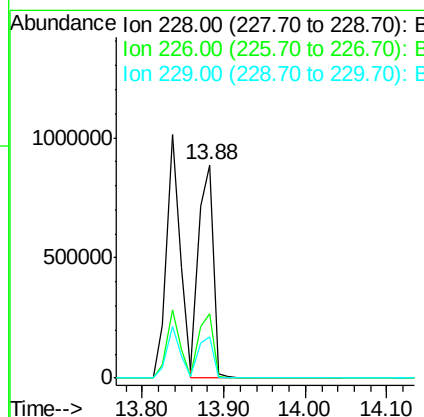
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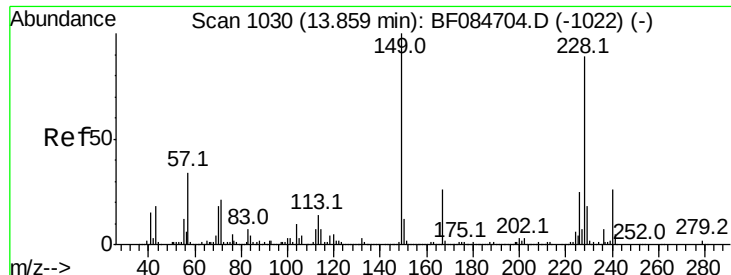
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#82
 Chrysene
 Concen: 35.13 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.2	24.3	36.5	
229	19.5	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.64 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Instrument :

BNA_F

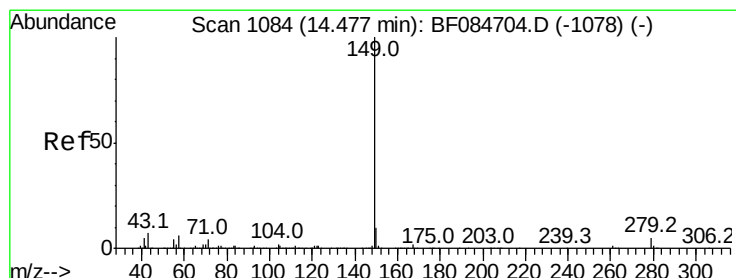
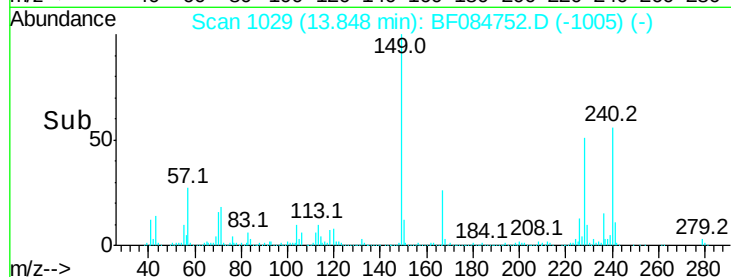
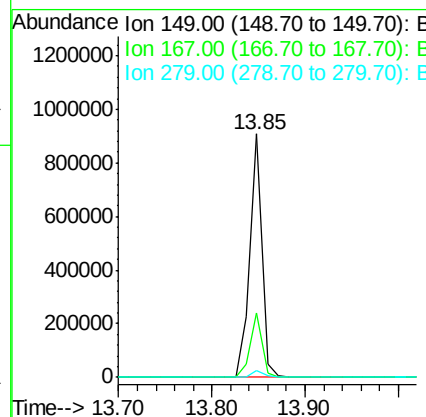
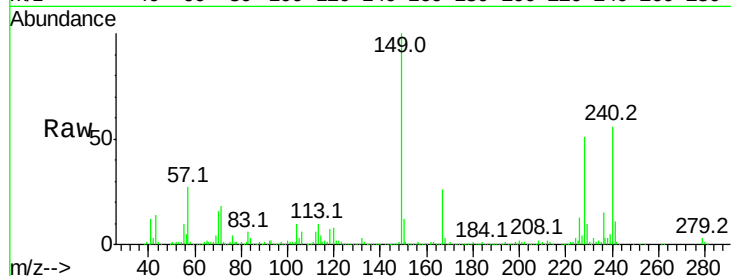
ClientSampleId :

PB88120BS

Tot Ion:	149	Resp:	818455
Ion Ratio		Lower	Upper
149	100		
167	26.4	19.7	29.5
279	3.0	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 33.85 ng

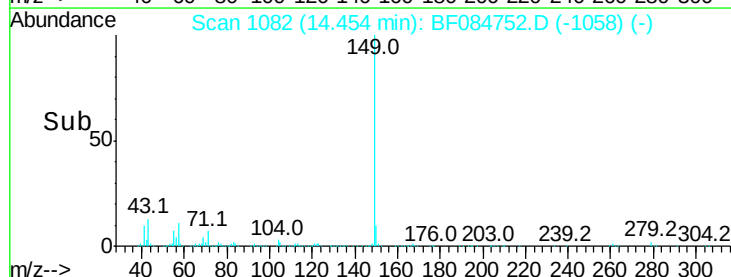
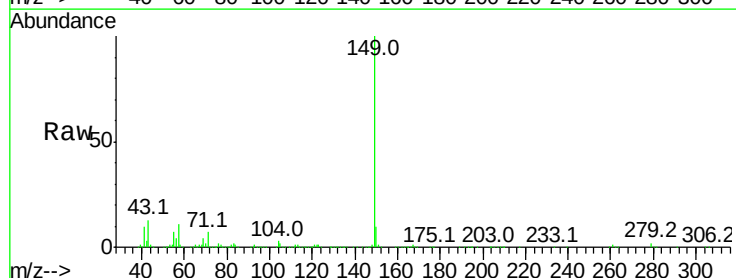
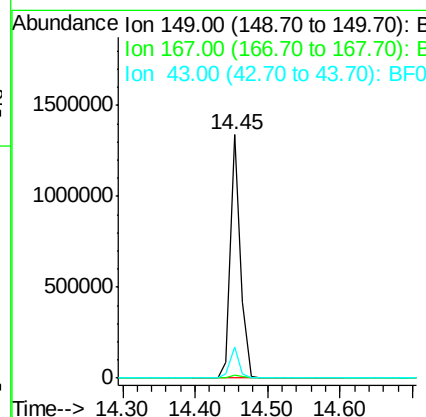
RT: 14.45 min Scan# 1082

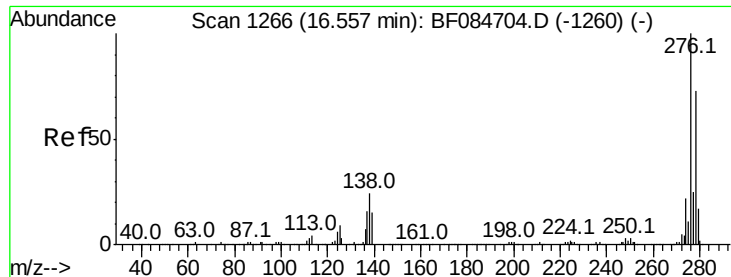
Delta R.T. -0.02 min

Lab File: BF084752.D

Acq: 2 Feb 2016 18:12

Tgt Ion:	149	Resp:	1282382
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	5.6	8.4#





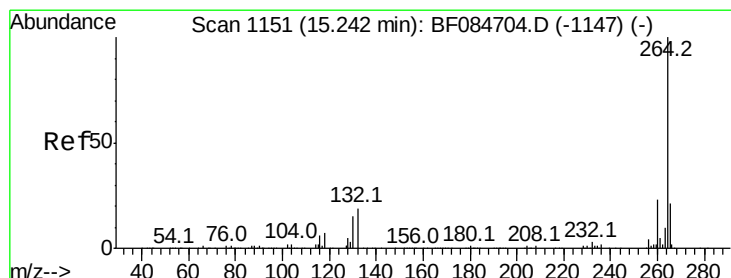
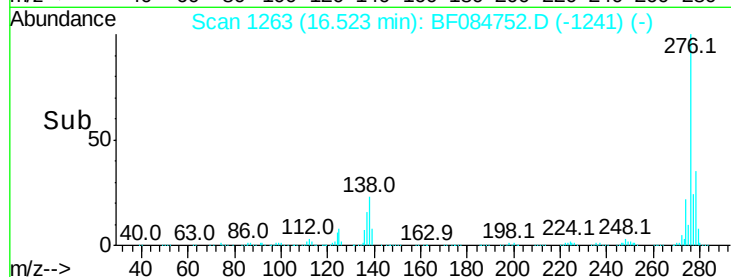
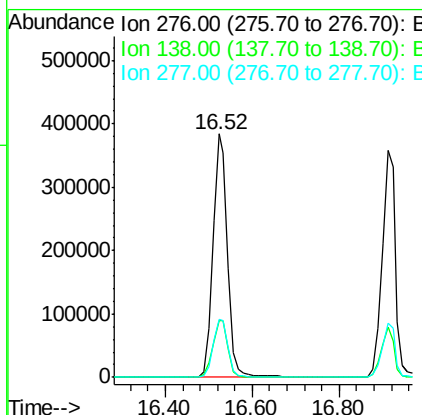
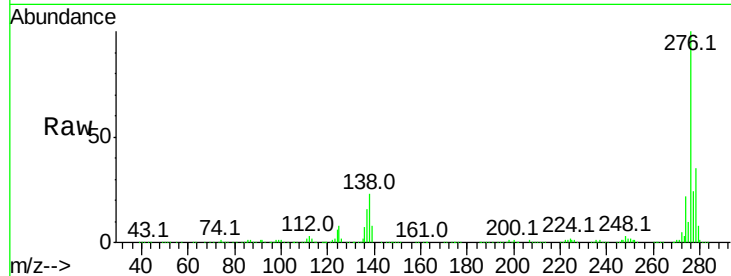
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.37 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.05 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	24.6	20.1	30.1

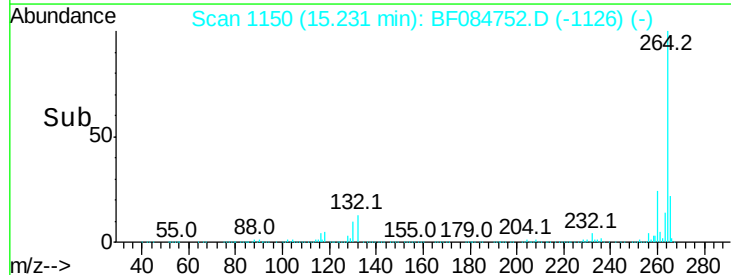
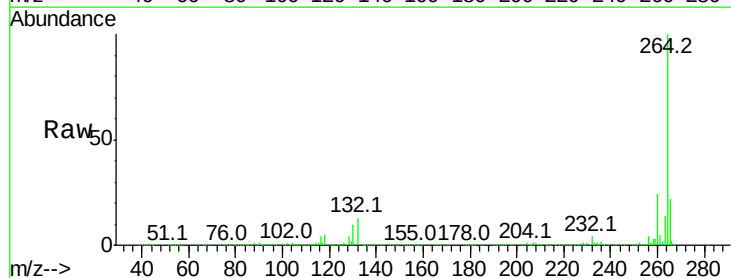
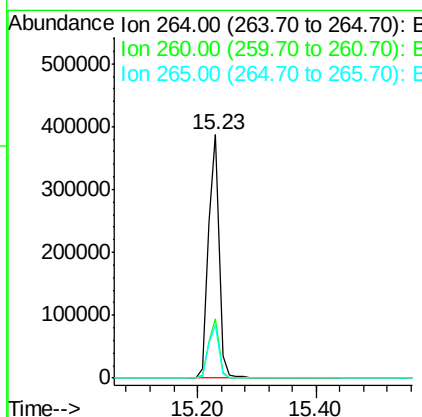
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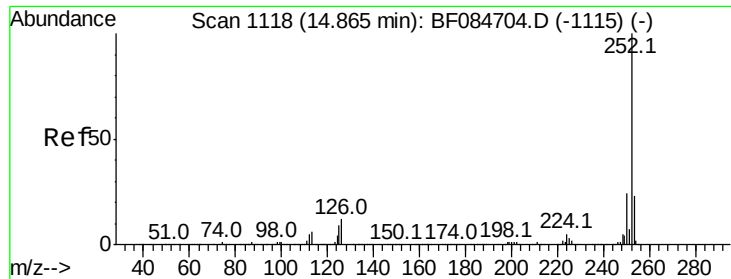
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.8	26.6





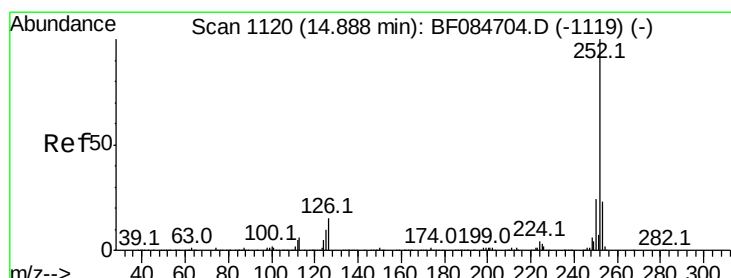
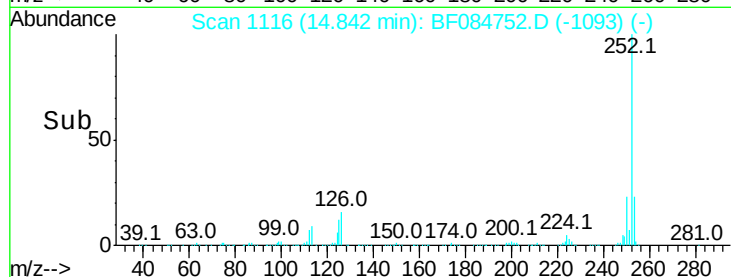
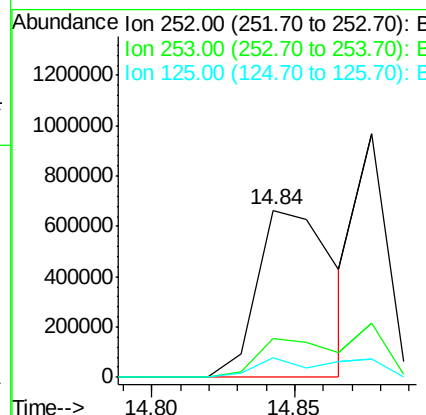
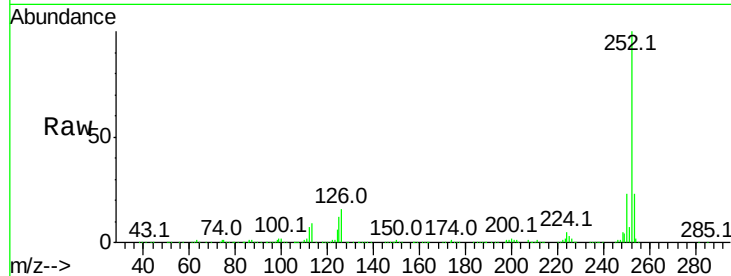
#87
Benzo(b)fluoranthene
Concen: 38.60 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

Tot Ion:252 Resp: 1247220
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 12.1 6.5 9.7#

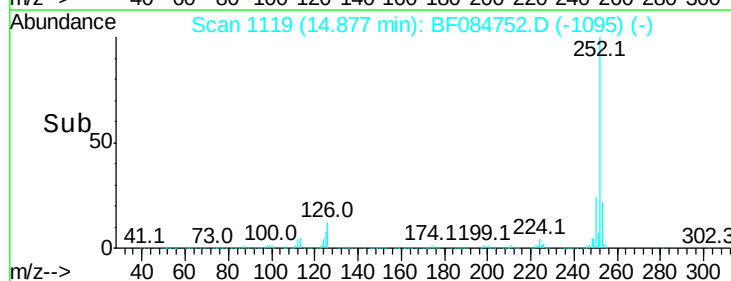
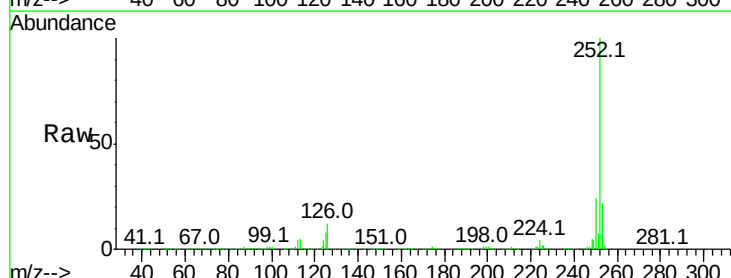
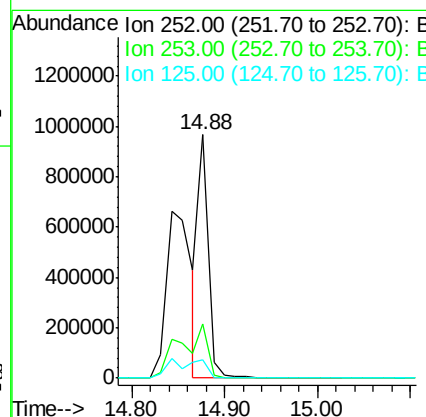
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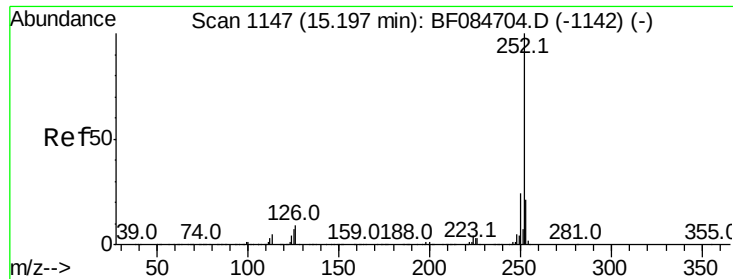
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#88
Benzo(k)fluoranthene
Concen: 27.70 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion:252 Resp: 739961
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 7.8 9.0 13.6#





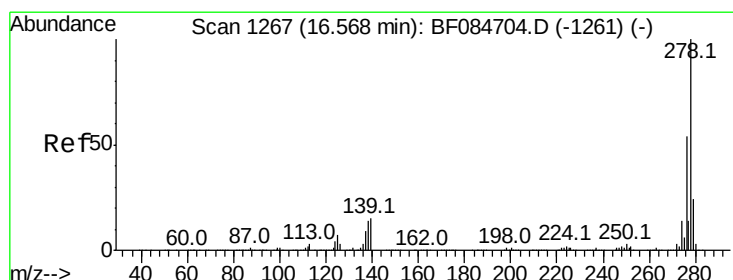
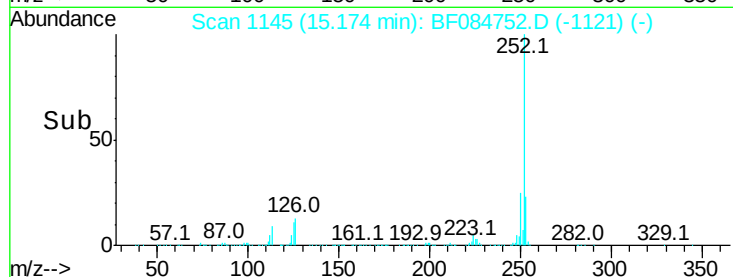
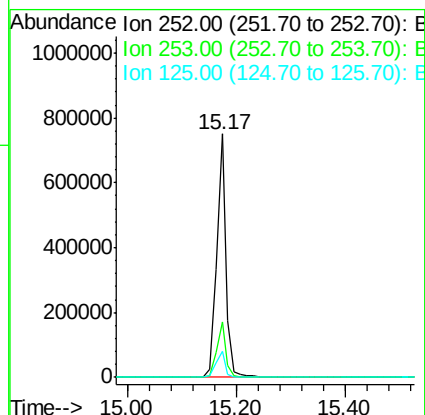
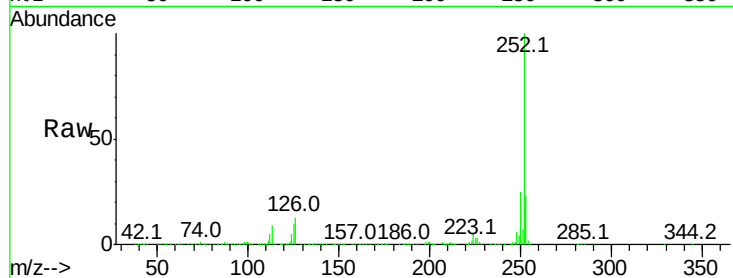
#89
Benzo(a)pyrene
Concen: 32.98 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB88120BS

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

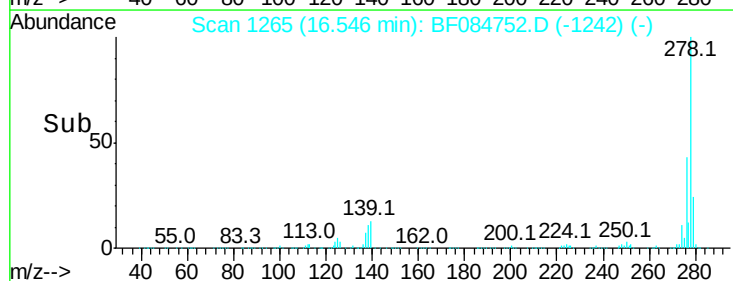
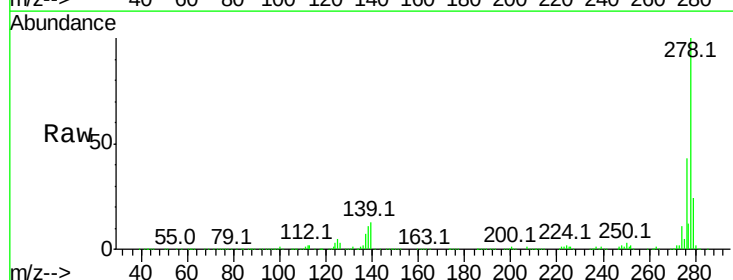
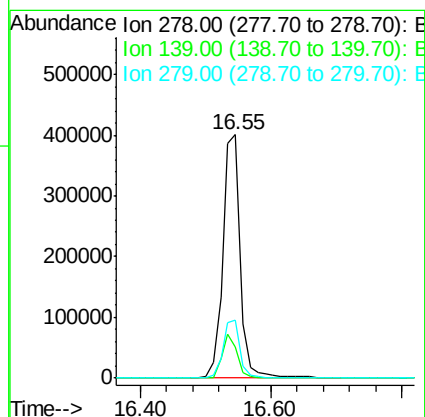
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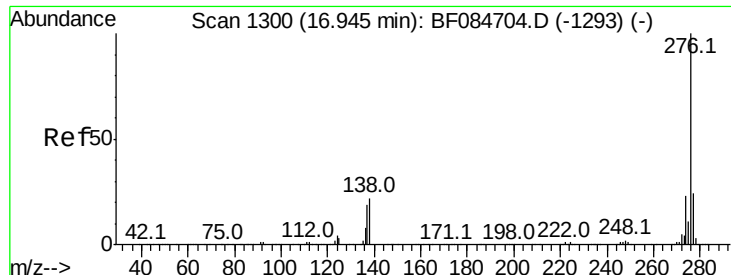
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#90
Dibenzo(a,h)anthracene
Concen: 32.39 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF084752.D
Acq: 2 Feb 2016 18:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.0	22.4#
279	24.0	18.9	28.3





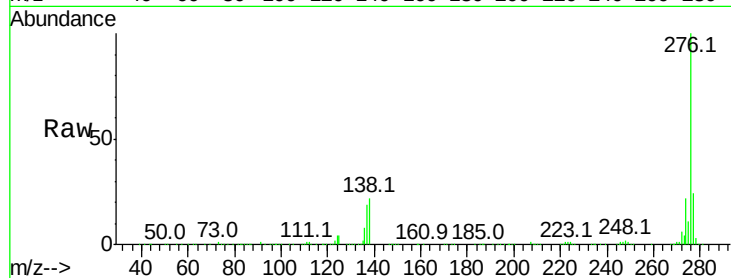
#91
 Benzo(a,h,i)perylene
 Concen: 33.06 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.05 min
 Lab File: BF084752.D
 Acq: 2 Feb 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.2	17.8	26.6

Manual Integrations
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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

