

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084952.D
 Acq On : 9 Feb 2016 15:18
 Operator : SJ/IZ
 Sample : H1377-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:55 PM

Quant Time: Feb 10 04:03:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	34117	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	142074	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	63042	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	101147	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	85021	20.00	ng	-0.07
86) Perylene-d12	15.13	264	71510	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	228732m	104.43	ng	-0.05
7) Phenol-d6	6.29	99	444473	163.68	ng	-0.05
23) Nitrobenzene-d5	7.21	82	263911	104.64	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	92564	140.76	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	418728	149.03	ng	-0.06
78) Terphenyl-d14	12.73	244	354047	94.36	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	32237m	33.60	ng	
3) Pyridine	2.85	79	81189m	32.48	ng	
4) n-Nitrosodimethylamine	2.75	42	44733m	34.60	ng	
6) Aniline	6.30	93	105597	31.78	ng	# 43
8) 2-Chlorophenol	6.42	128	122482	49.40	ng	92
9) Benzaldehyde	6.19	77	31748	19.80	ng	90
10) Phenol	6.30	94	159551	52.45	ng	93
11) bis(2-Chloroethyl)ether	6.37	93	123620	52.11	ng	83
12) 1,3-Dichlorobenzene	6.58	146	133024	50.78	ng	99
13) 1,4-Dichlorobenzene	6.66	146	134734m	51.45	ng	
14) 1,2-Dichlorobenzene	6.81	146	122000	50.02	ng	98
15) Benzyl Alcohol	6.78	79	109007	58.14	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.93	45	202407	50.72	ng	86
17) 2-Methylphenol	6.91	107	99570	50.78	ng	95
18) Hexachloroethane	7.15	117	49698	49.28	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	87225	51.24	ng	# 77
20) 3+4-Methylphenols	7.07	107	129283	53.12	ng	90
22) Acetophenone	7.06	105	176397	47.11	ng	# 90
24) Nitrobenzene	7.22	77	124438	46.07	ng	92
25) Isophorone	7.47	82	229271	46.75	ng	95
26) 2-Nitrophenol	7.54	139	59414	44.60	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	114292	49.33	ng	92
28) bis(2-Chloroethoxy)methane	7.69	93	150935	51.88	ng	99
29) 2,4-Dichlorophenol	7.79	162	107024	53.99	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	111587	49.84	ng	# 92
31) Naphthalene	7.94	128	334006	46.87	ng	98
32) Benzoic acid	7.68	122	21414	14.45	ng	96
33) 4-Chloroaniline	8.01	127	81122	27.52	ng	# 90
34) Hexachlorobutadiene	8.06	225	60949	47.21	ng	98
35) Caprolactam	8.35	113	26237	42.94	ng	# 65
36) 4-Chloro-3-methylphenol	8.49	107	99643	44.06	ng	# 86
37) 2-Methylnaphthalene	8.64	142	241504	54.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	94374	47.14	ng	99
40) Hexachlorocyclopentadiene	8.78	237	49324	61.65	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	63515	49.24	nq	90
43) 2,4,5-Trichlorophenol	8.96	196	62467	47.66	nq #	77
45) 1,1'-Biphenyl	9.09	154	259971	46.17	nq	98
46) 2-Chloronaphthalene	9.12	162	209878	50.61	nq	95
47) 2-Nitroaniline	9.22	65	64587	49.19	nq	99
48) Acenaphthylene	9.53	152	316714	50.33	nq	98
49) Dimethylphthalate	9.40	163	304083	63.33	nq #	90
50) 2,6-Dinitrotoluene	9.47	165	45740	43.61	nq #	86
51) Acenaphthene	9.70	154	200983	49.09	nq	97
52) 3-Nitroaniline	9.63	138	42676	36.21	nq	86
53) 2,4-Dinitrophenol	9.74	184	18092	40.46	nq #	79
54) Dibenzofuran	9.87	168	278035	55.57	nq	92
55) 4-Nitrophenol	9.81	139	58657	67.71	nq	89
56) 2,4-Dinitrotoluene	9.87	165	60184	44.98	nq #	86
57) Fluorene	10.21	166	225359	53.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	50463	50.58	nq #	90
59) Diethylphthalate	10.10	149	218176	46.53	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	110765	66.59	nq	93
61) 4-Nitroaniline	10.24	138	48685	42.39	nq	92
62) Azobenzene	10.37	77	227975	50.57	nq	96
64) 4,6-Dinitro-2-methylphenol	10.27	198	18429	29.52	nq #	62
65) n-Nitrosodiphenylamine	10.33	169	177458	55.25	nq	97
66) 4-Bromophenyl-phenylether	10.69	248	55358	49.55	nq #	68
67) Hexachlorobenzene	10.76	284	66790	54.87	nq #	89
68) Atrazine	10.86	200	54155	53.39	nq	95
69) Pentachlorophenol	10.96	266	26553	46.41	nq	95
70) Phenanthrene	11.16	178	289442	51.59	nq	99
71) Anthracene	11.22	178	306492	54.22	nq	99
72) Carbazole	11.38	167	264603	53.68	nq	98
73) Di-n-butylphthalate	11.72	149	317370	50.57	nq	99
74) Fluoranthene	12.35	202	292008	51.43	nq	94
76) Benzidine	12.48	184	55090	20.09	nq	96
77) Pyrene	12.58	202	285160	43.81	nq	98
79) Butylbenzylphthalate	13.21	149	116367	39.41	nq	92
80) Benzo(a)anthracene	13.76	228	237639	45.03	nq	98
81) 3,3'-Dichlorobenzidine	13.73	252	48150	25.77	nq #	92
82) Chrysene	13.79	228	216911	42.39	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	164203	44.68	nq #	94
84) Di-n-octyl phthalate	14.39	149	285049	47.02	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.39	276	200601	49.80	nq	98
87) Benzo(b)fluoranthene	14.76	252	227872m	47.43	nq	
88) Benzo(k)fluoranthene	14.79	252	209673m	52.78	nq	
89) Benzo(a)pyrene	15.08	252	206690	50.49	nq	99
90) Dibenzo(a,h)anthracene	16.40	278	168628	48.93	nq #	95
91) Benzo(g,h,i)perylene	16.76	276	163190	47.01	nq #	94

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



#1

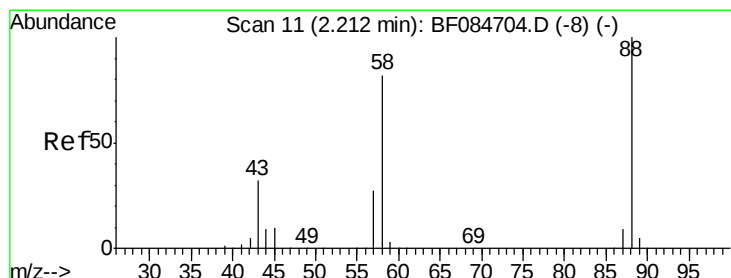
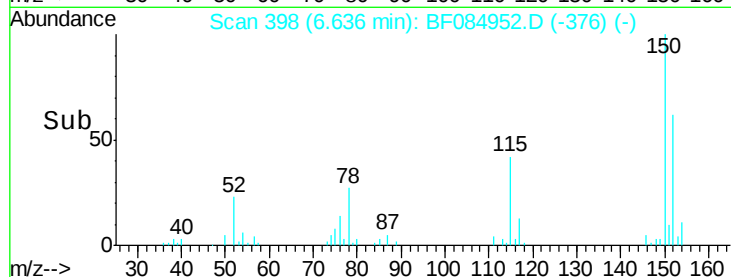
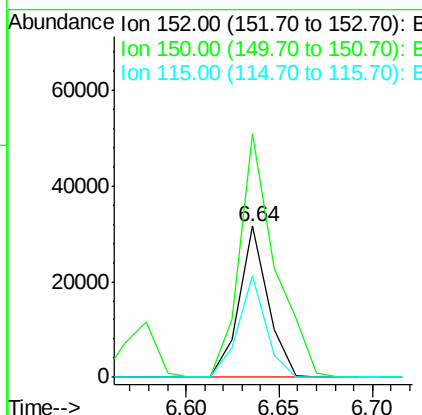
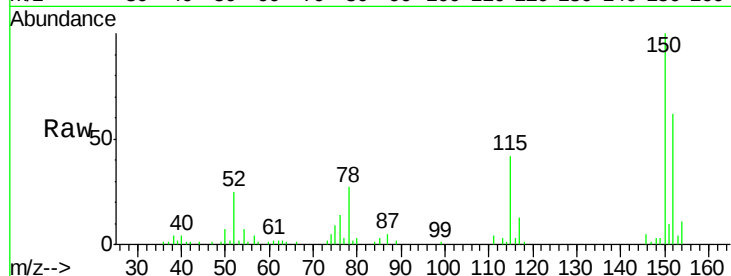
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.0	184.4
115	67.1	51.4	77.2

Manual Integrations
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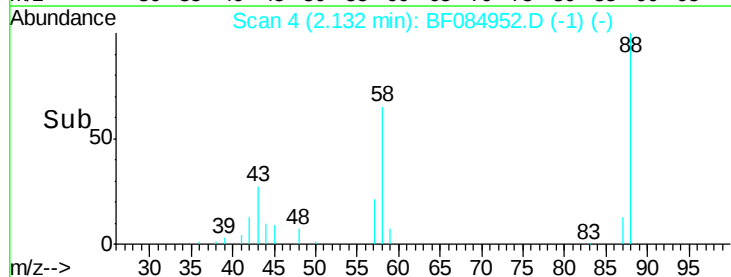
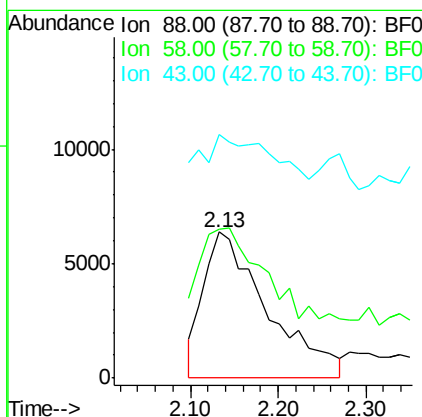
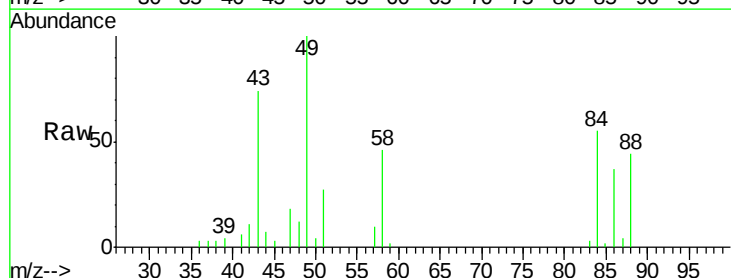
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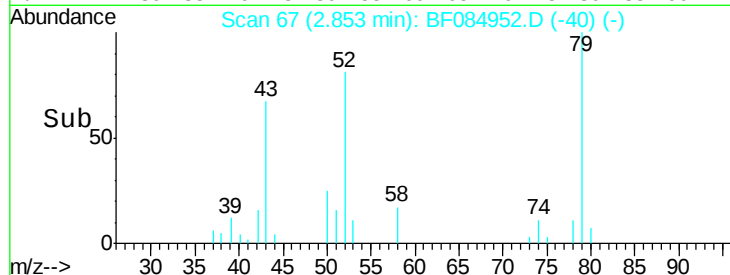
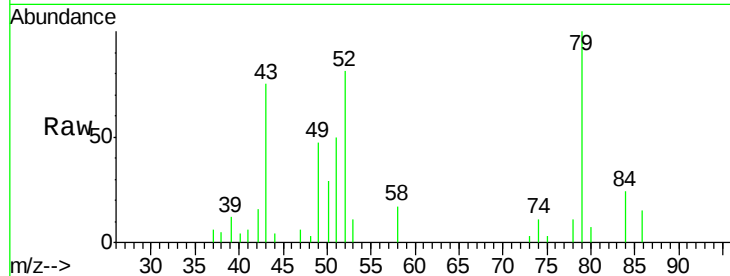
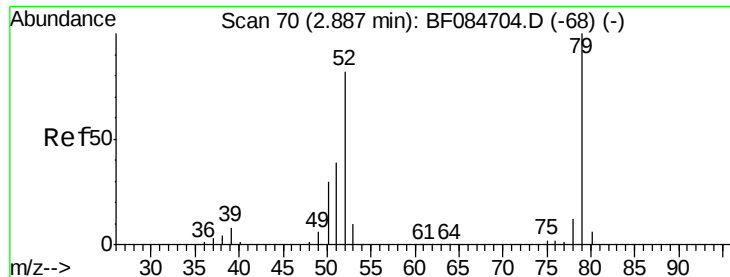


#2

1,4-Dioxane
Concen: 33.60 ng m
RT: 2.13 min Scan# 4
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	23.8	19.5	29.3





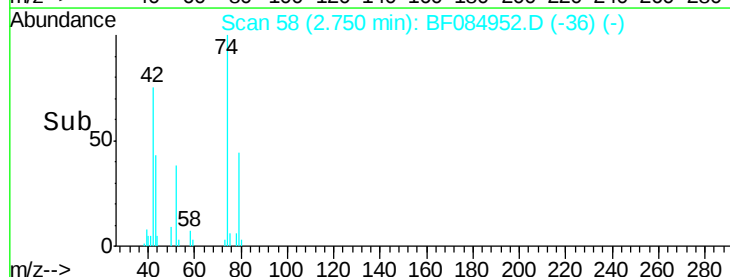
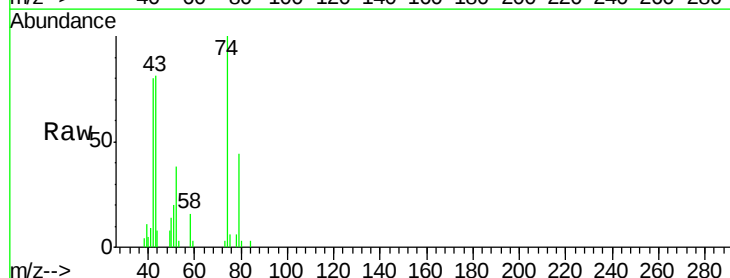
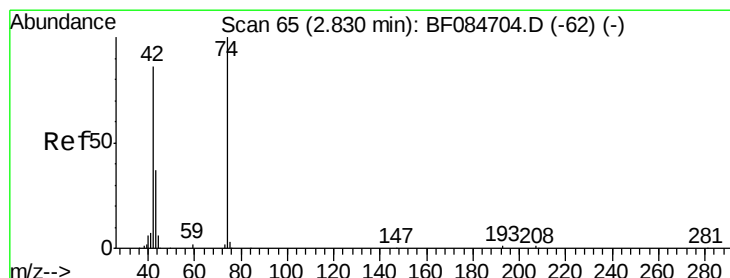
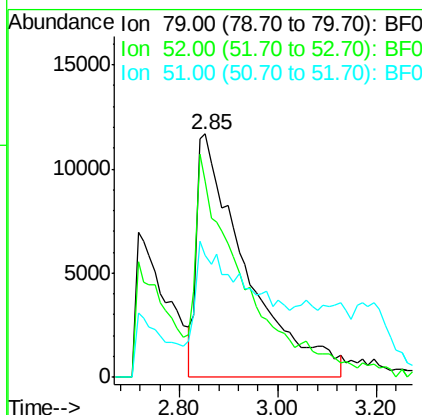
#3
 Pvridine
 Concen: 32.48 ng m
 RT: 2.85 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tot Ion:	79	Resp:	81189
Ion Ratio	Lower	Upper	
79	100		
52	80.6	49.0	73.4#
51	50.3	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

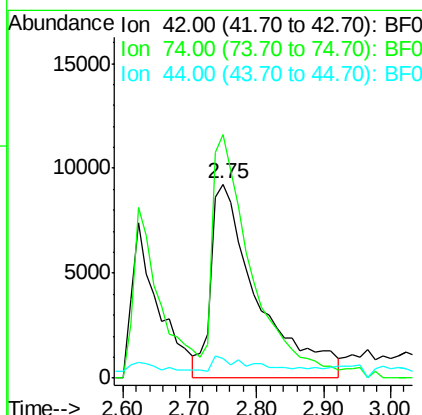
Manual Integrations
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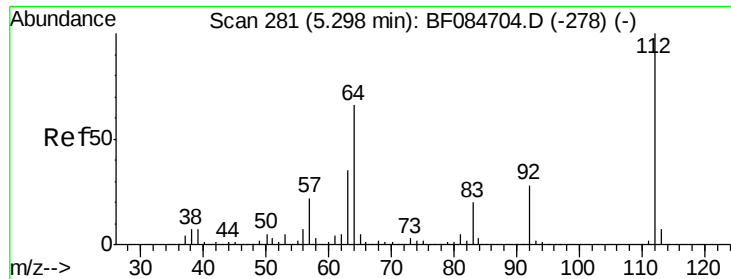
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#4
 n-Nitrosodimethylamine
 Concen: 34.60 ng m
 RT: 2.75 min Scan# 58
 Delta R.T. -0.05 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:	42	Resp:	44733
Ion Ratio	Lower	Upper	
42	100		
74	125.6	115.7	173.5
44	10.1	5.1	7.7#





#5

2-Fluorophenol

Concen: 104.43 ng/mL

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

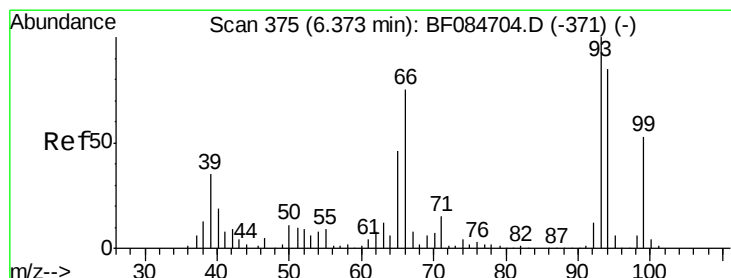
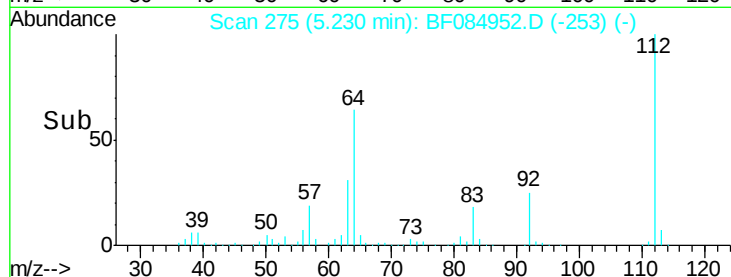
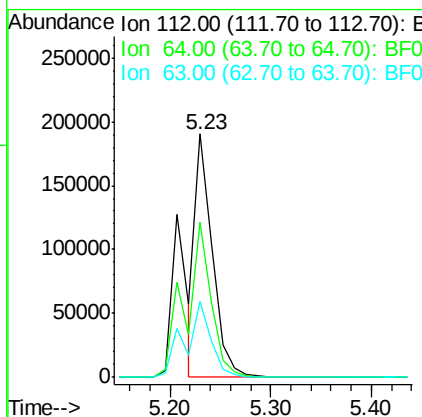
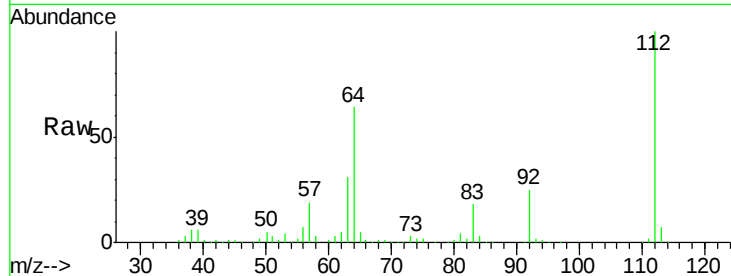
ClientSampleId :

SB03-2-3MSD

Tot Ion:	112	Resp:	228732
Ion Ratio	Lower	Upper	
112	100		
64	63.8	36.6	55.0#
63	30.9	19.4	29.0#

Manual Integrations
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2/10/2016 1:44:55 PM



#6

Aniline

Concen: 31.78 ng/mL

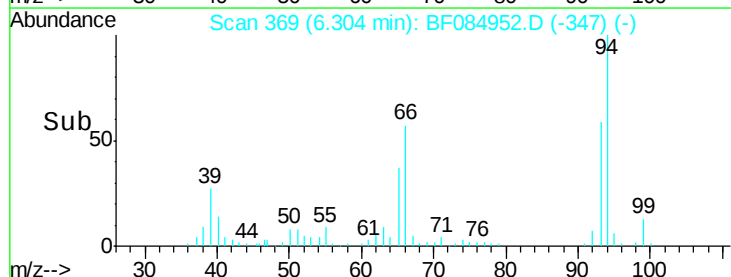
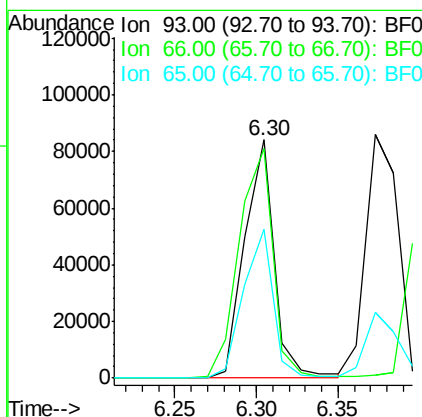
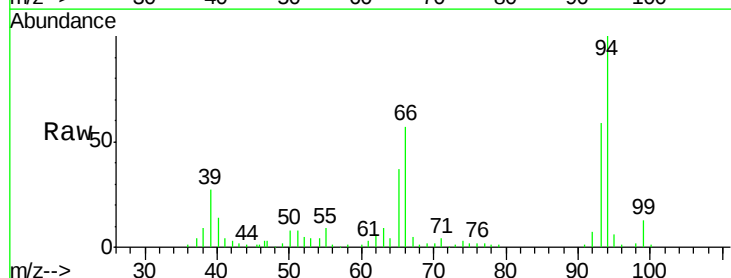
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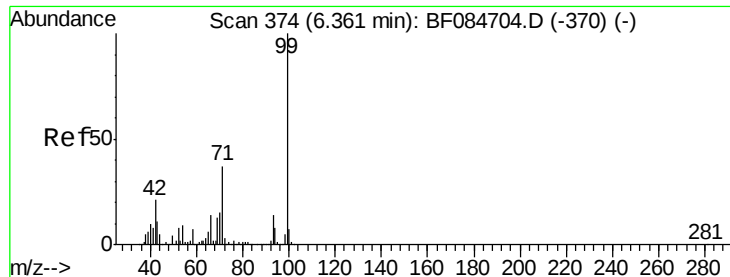
Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	93	Resp:	105597
Ion Ratio	Lower	Upper	
93	100		
66	96.5	44.9	67.3#
65	62.4	23.7	35.5#





#7

Phenol-d6

Concen: 163.68 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

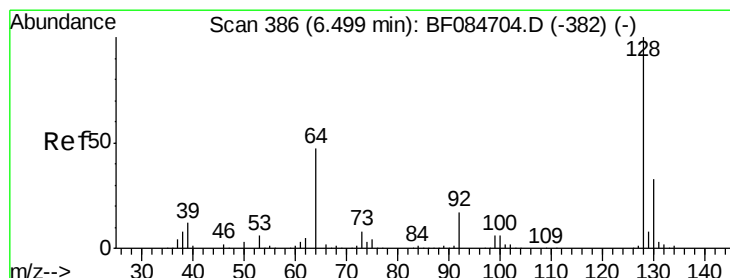
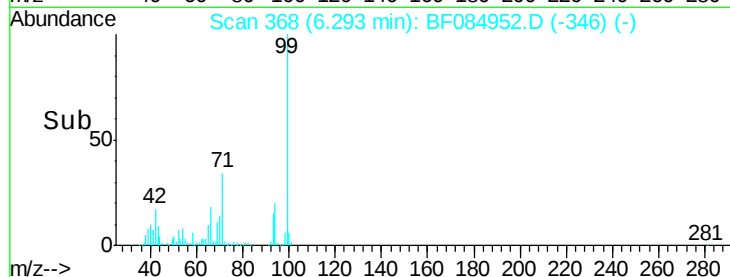
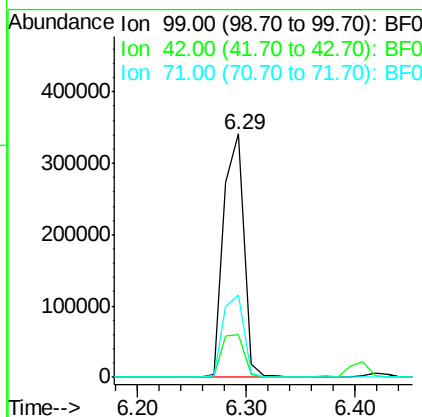
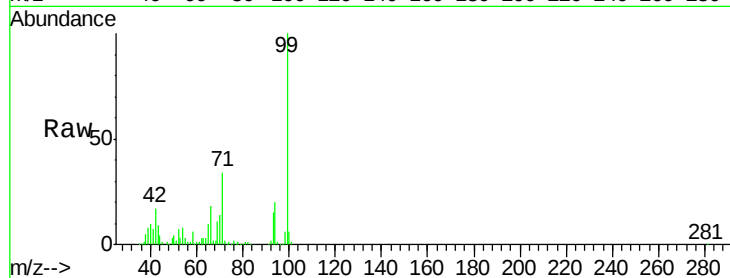
ClientSampleId :

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Tot Ion:	99	Resp:	444473
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.8	19.2
71	33.8	30.9	46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.40 ng

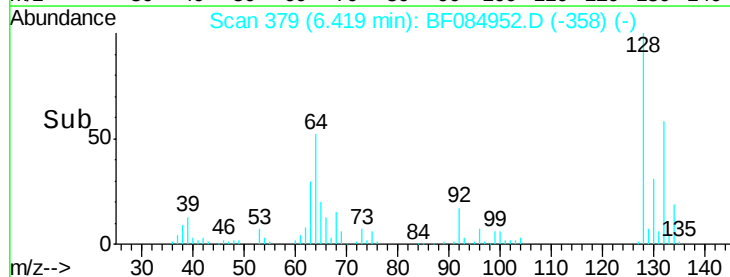
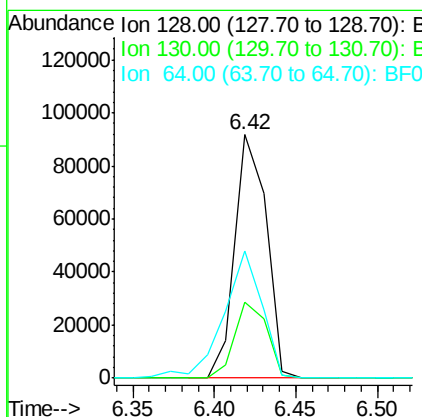
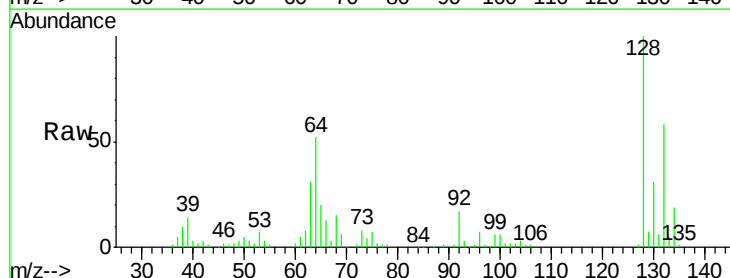
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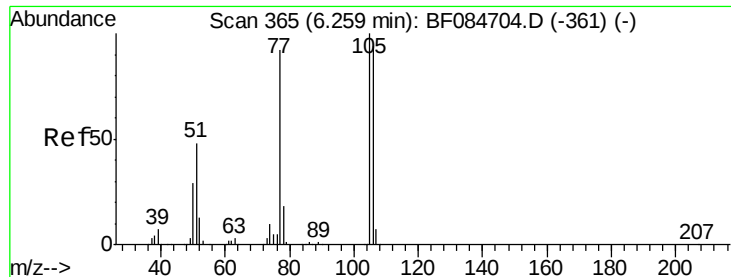
Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	128	Resp:	122482
Ion Ratio	Lower	Upper	
128	100		
130	31.0	11.6	51.6
64	52.4	23.8	63.8





#9

Benzaldehyde

Concen: 19.80 ng

RT: 6.19 min Scan# 359

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

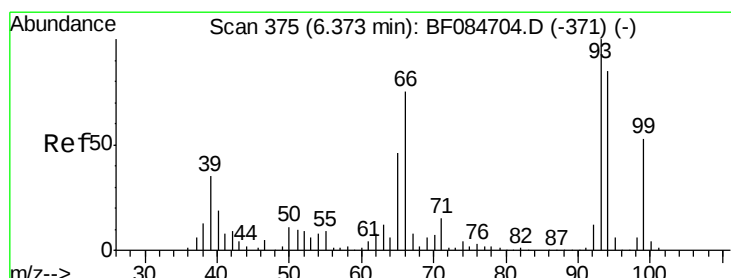
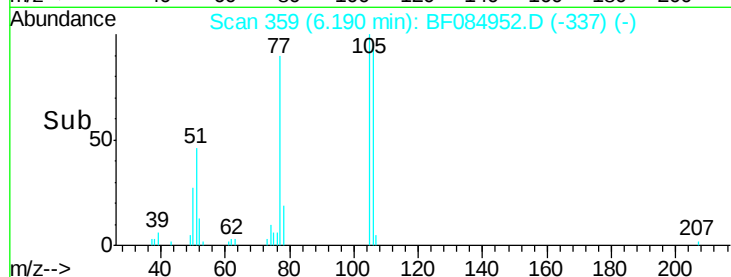
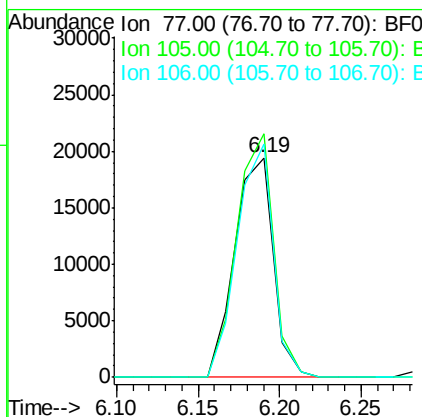
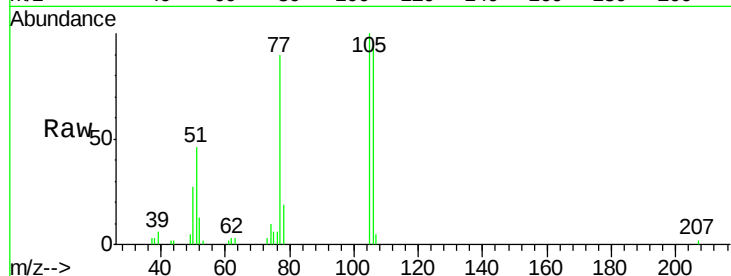
ClientSampleId :

SB03-2-3MSD

Tot Ion:	77	Resp:	31748
Ion	Ratio	Lower	Upper
77	100		
105	110.9	83.0	123.0
106	106.1	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 52.45 ng

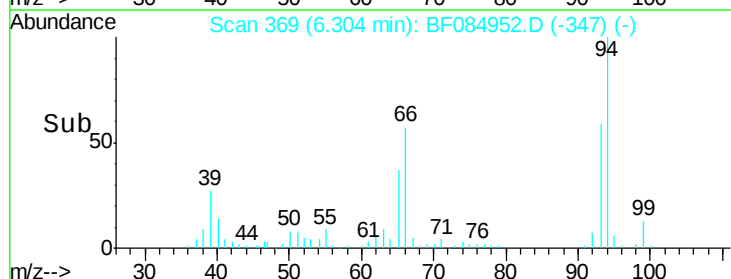
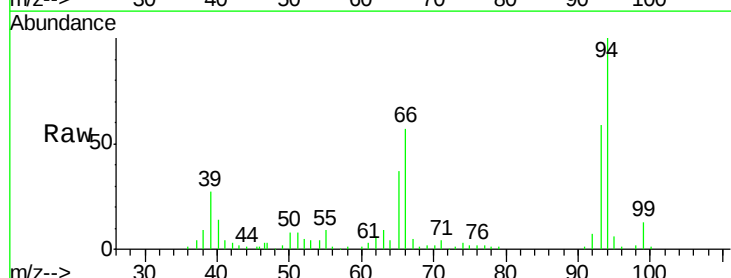
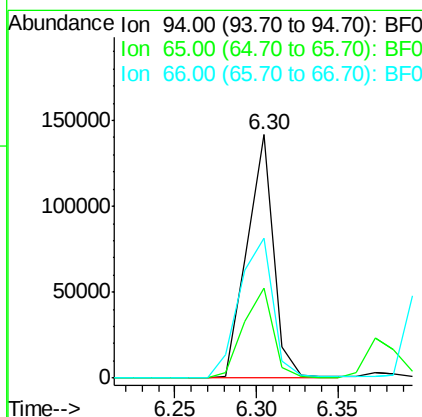
RT: 6.30 min Scan# 369

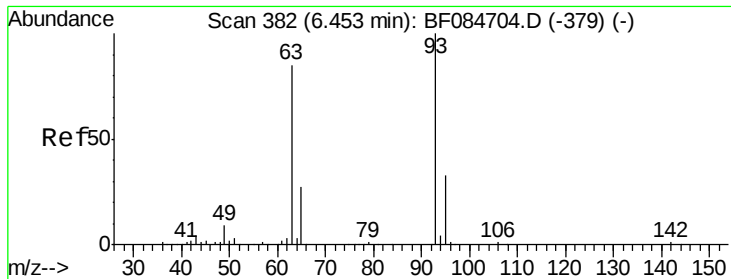
Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	94	Resp:	159551
Ion	Ratio	Lower	Upper
94	100		
65	37.1	12.9	52.9
66	57.3	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 52.11 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

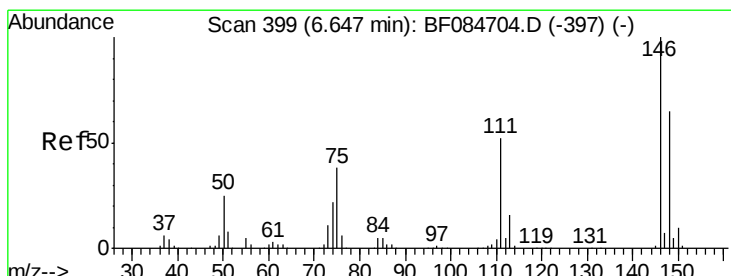
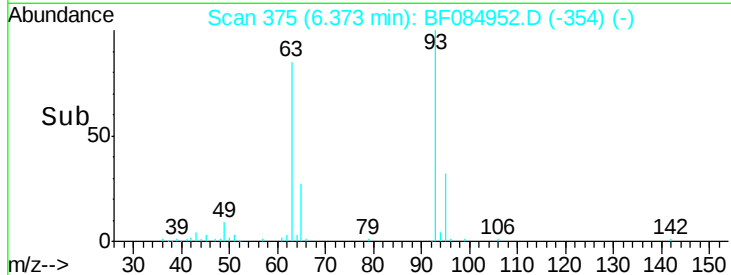
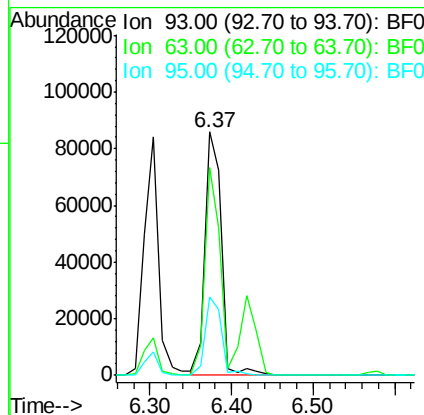
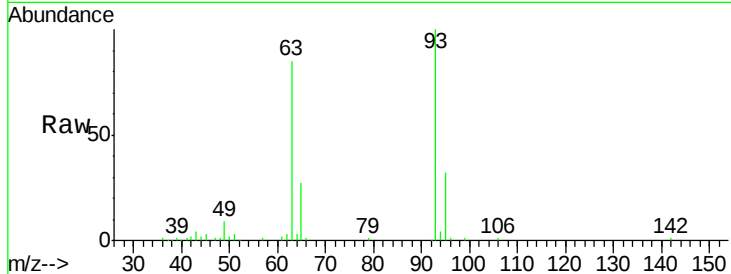
ClientSampleId :

SB03-2-3MSD

Tot Ion:	93	Resp:	123620
Ion Ratio	Lower	Upper	
93	100		
63	85.4	45.9	85.9
95	32.3	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 50.78 ng

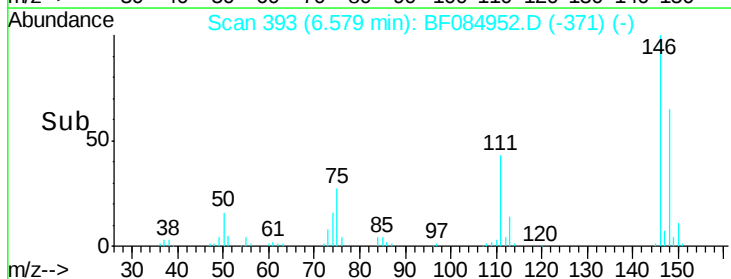
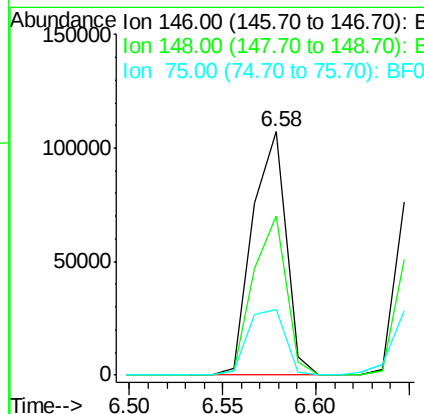
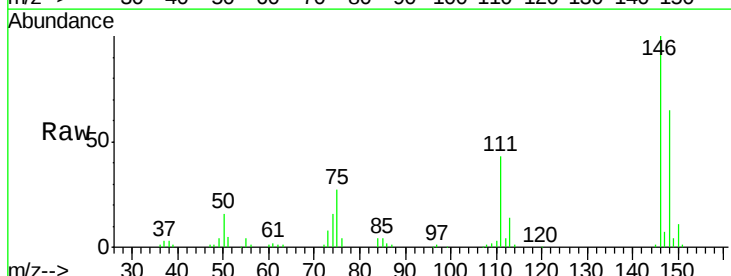
RT: 6.58 min Scan# 393

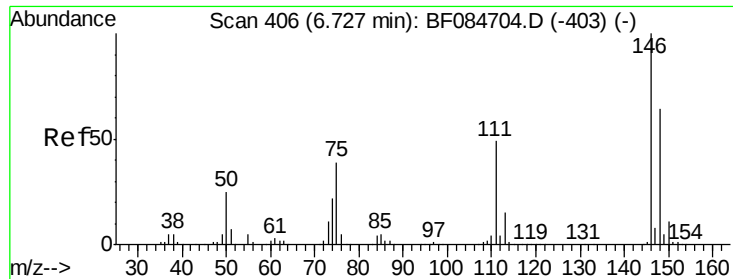
Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	146	Resp:	133024
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
75	27.2	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 51.45 ng/mL

RT: 6.66 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

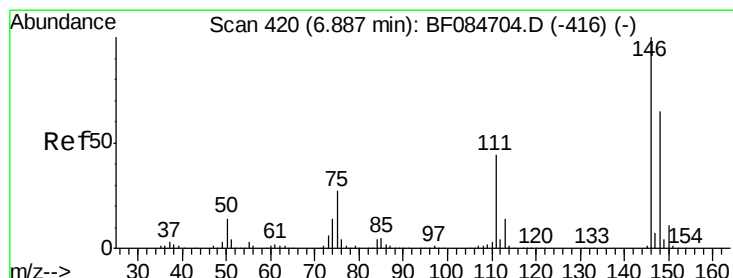
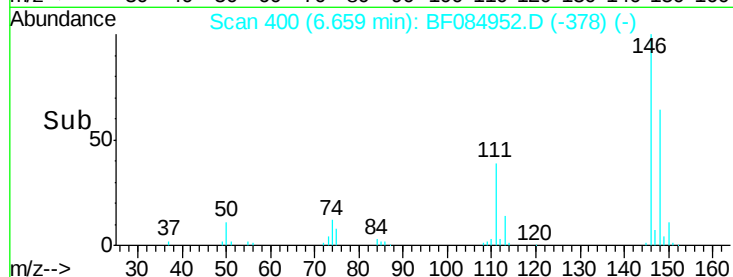
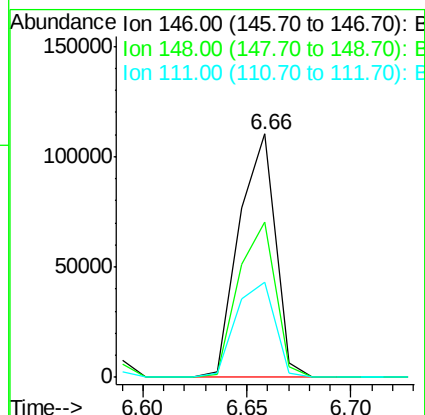
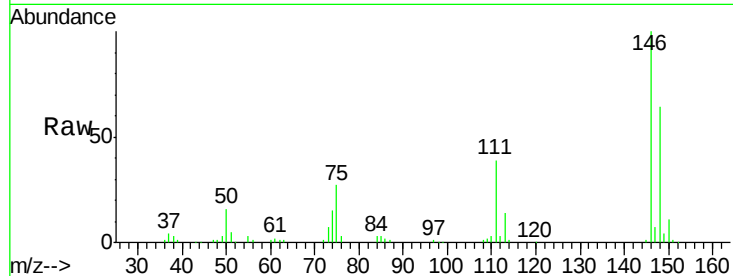
ClientSampleId :

SB03-2-3MSD

Tot Ion:	146	Resp:	134734
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	39.2	41.6	62.4#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 50.02 ng/mL

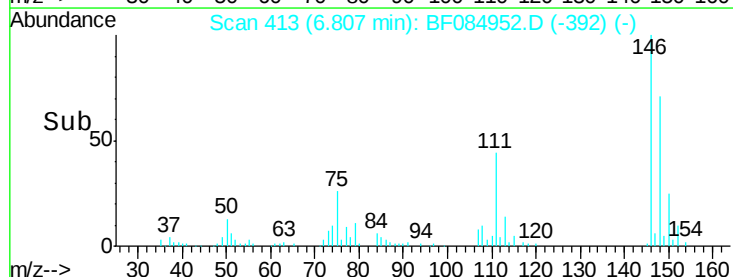
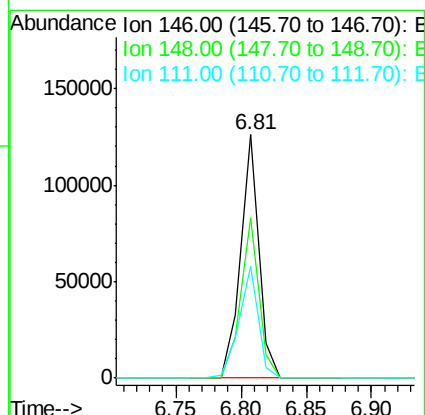
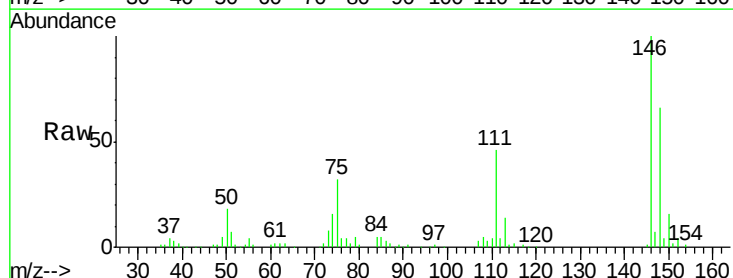
RT: 6.81 min Scan# 413

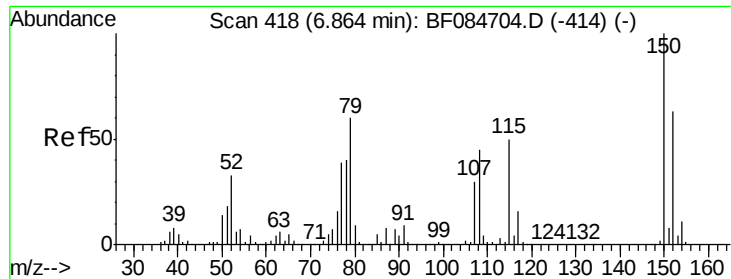
Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	146	Resp:	122000
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.6	77.4
111	46.0	38.0	57.0





#15

Benzyl Alcohol

Concen: 58.14 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampled :

SB03-2-3MSD

Tot Ion: 79 Resp: 109007
Ion Ratio Lower Upper

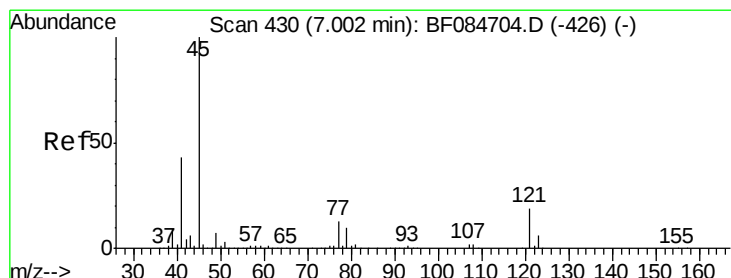
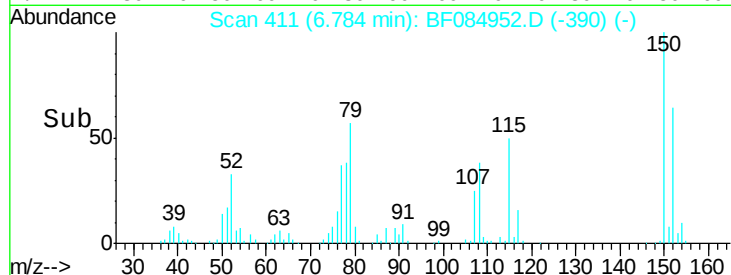
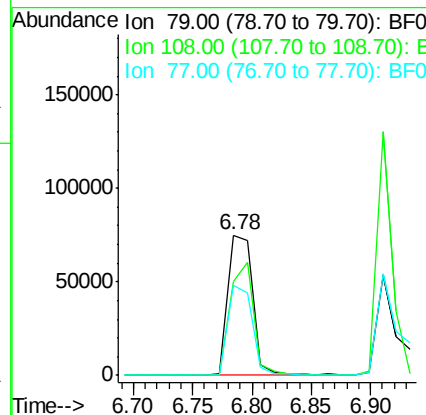
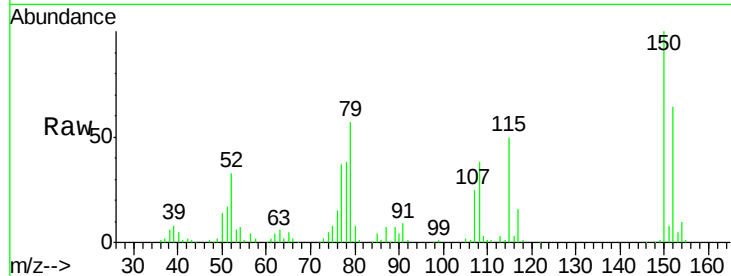
79 100

108 67.3 69.0 103.4#

77 64.4 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.72 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF084952.D

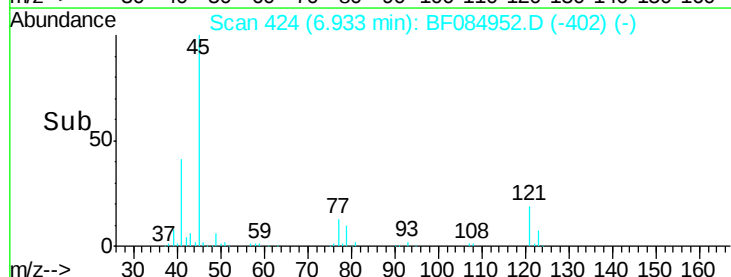
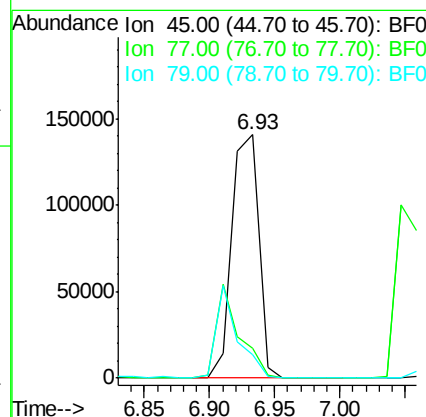
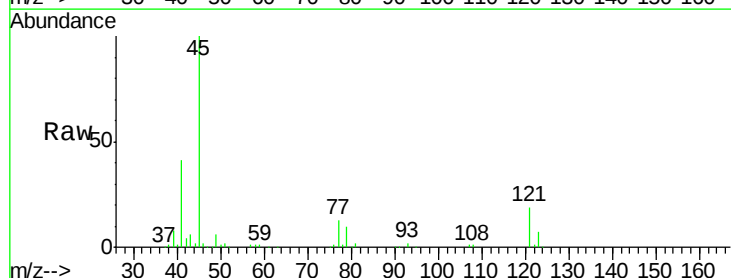
Acq: 9 Feb 2016 15:18

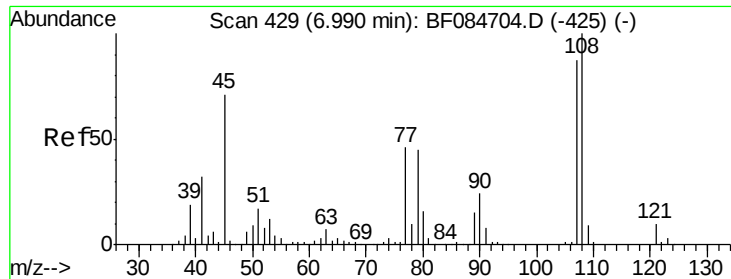
Tgt Ion: 45 Resp: 202407
Ion Ratio Lower Upper

45 100

77 12.5 0.0 39.6

79 9.9 0.0 35.0





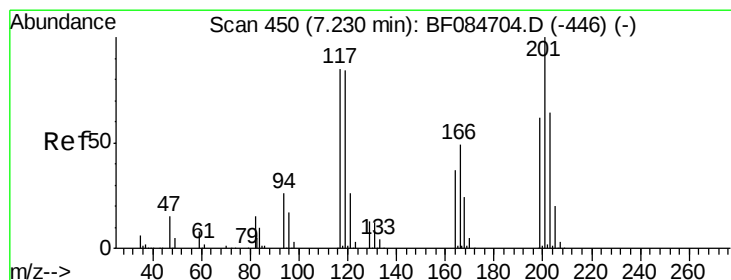
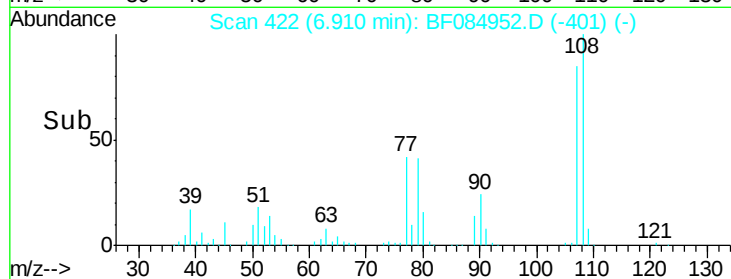
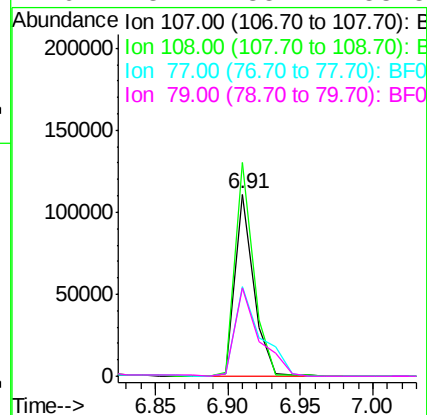
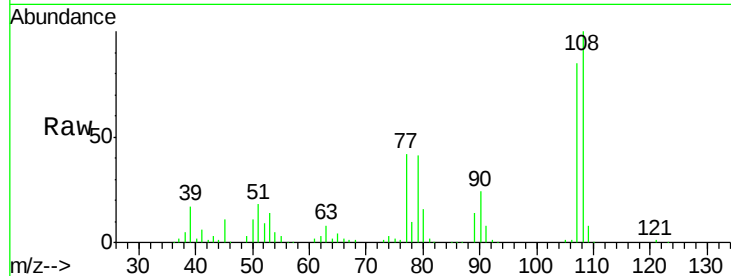
#17
2-Methylphenol
Concen: 50.78 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion:	107	Resp:	99570
Ion Ratio	Lower	Upper	
107	100		
108	117.2	89.8	134.6
77	48.9	35.7	53.5
79	48.4	35.7	53.5

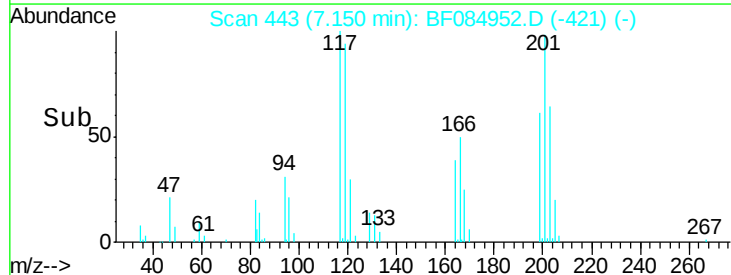
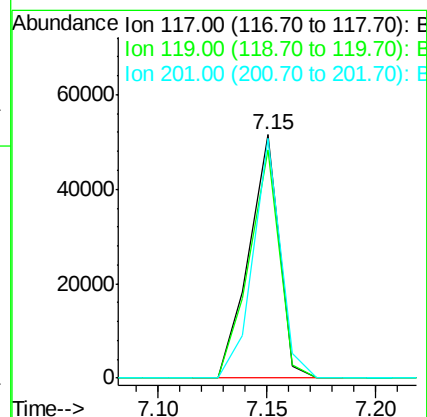
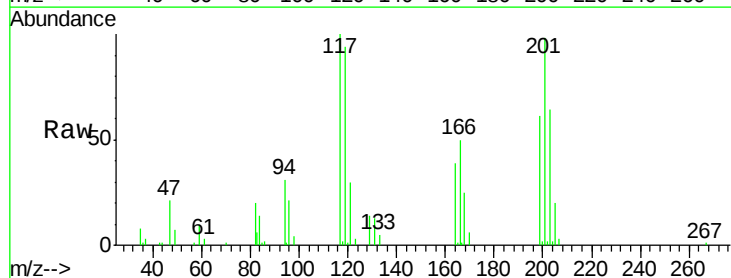
Manual Integrations
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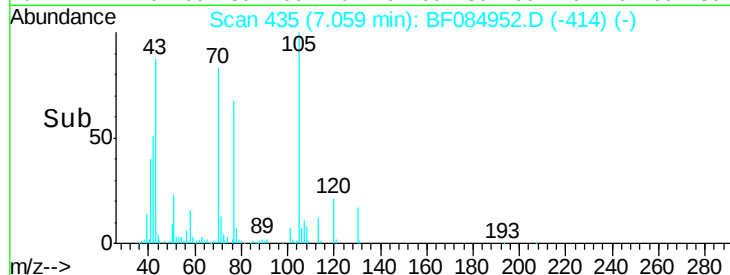
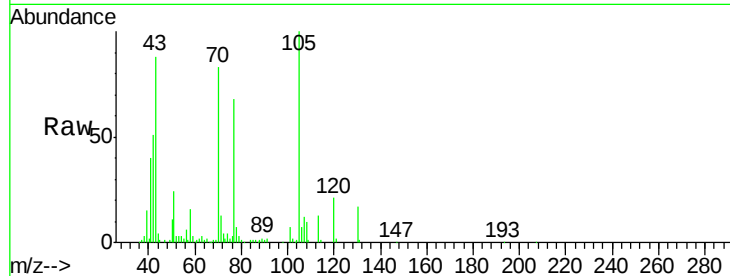
Sohil
2/10/2016 1:44:55 PM



#18
Hexachloroethane
Concen: 49.28 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:	117	Resp:	49698
Ion Ratio	Lower	Upper	
117	100		
119	94.0	77.4	116.0
201	98.4	68.6	103.0





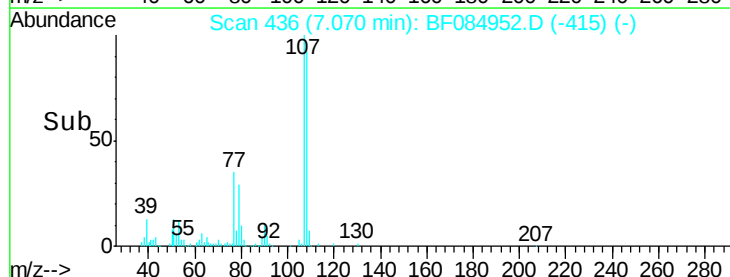
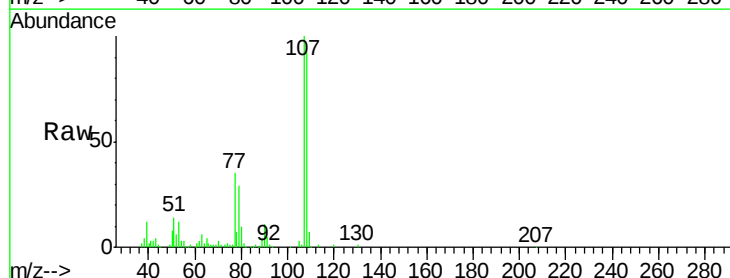
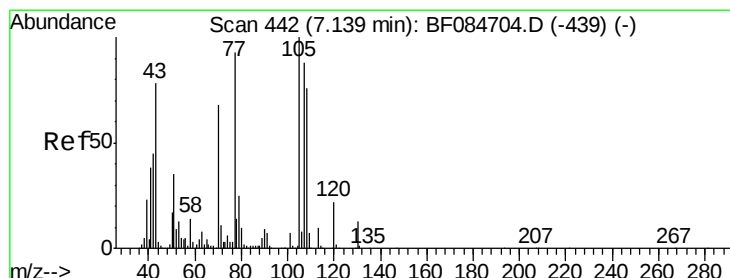
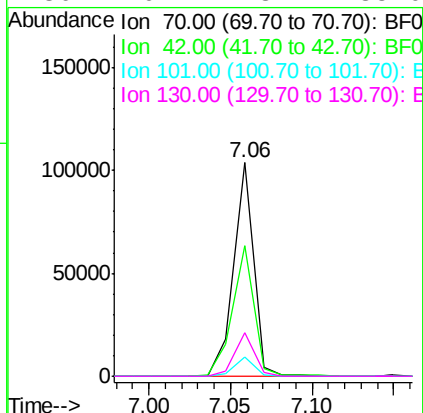
#19
n-Nitroso-di-n-propylamine
Concen: 51.24 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	33.3	49.9#
101	8.9	9.3	13.9#
130	20.4	23.4	35.0#

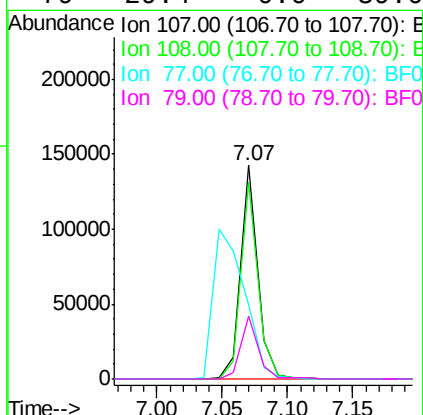
Manual Integrations
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#20
3+4-Methylphenols
Concen: 53.12 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	74.6	114.6
77	35.0	0.7	40.7
79	29.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084952.D

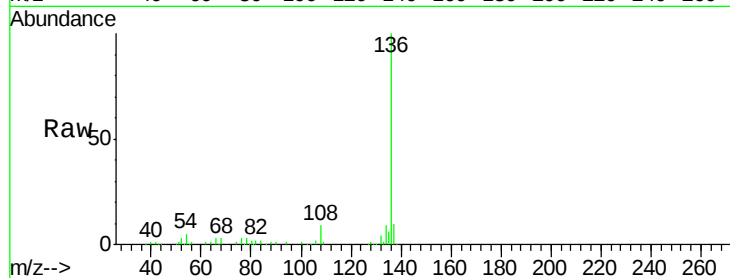
Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

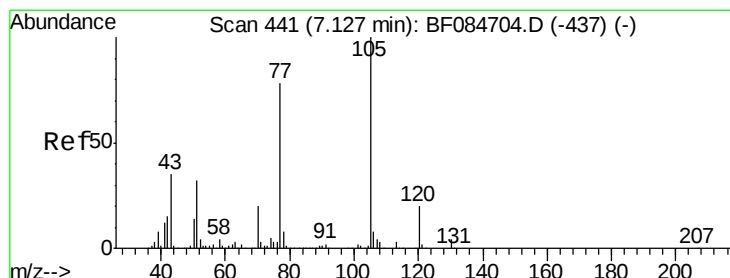
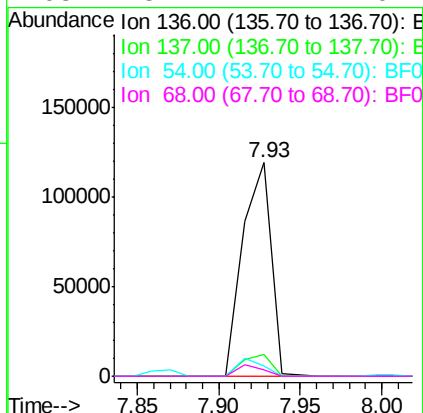
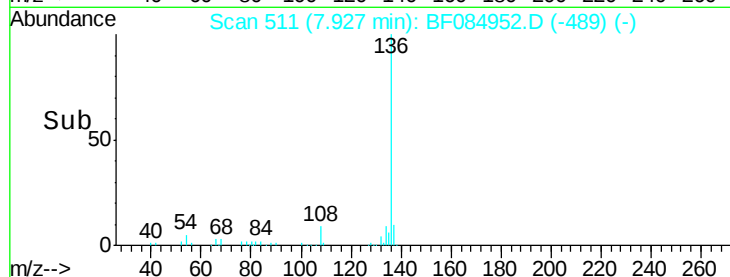
SB03-2-3MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.7	13.1	
54	5.1	5.8	8.8#	
68	3.1	4.2	6.2#	

Manual Integrations
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#22

Acetophenone

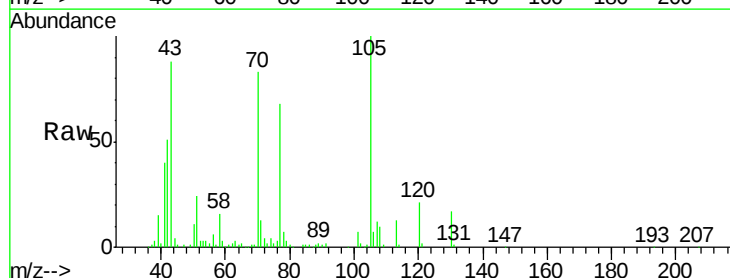
Concen: 47.11 ng

RT: 7.06 min Scan# 435

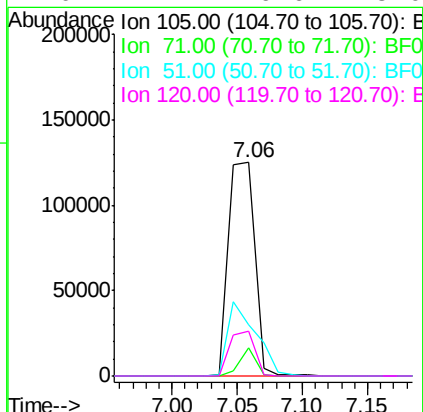
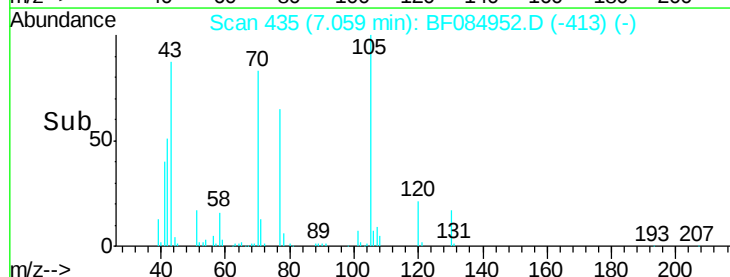
Delta R.T. -0.05 min

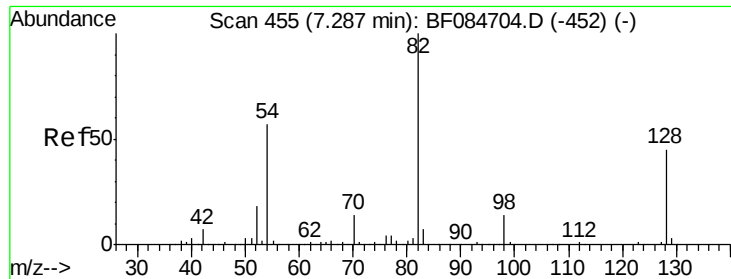
Lab File: BF084952.D

Acq: 9 Feb 2016 15:18



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	13.4	3.7	5.5#	
51	23.8	25.1	37.7#	
120	21.1	16.6	25.0	





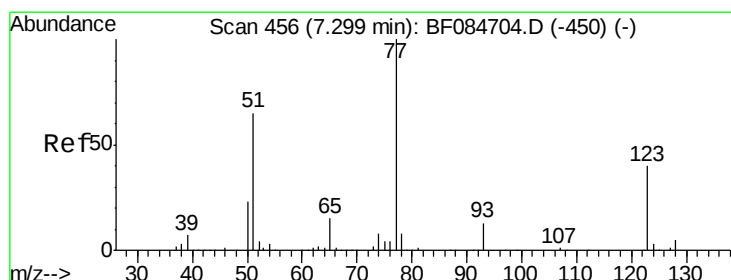
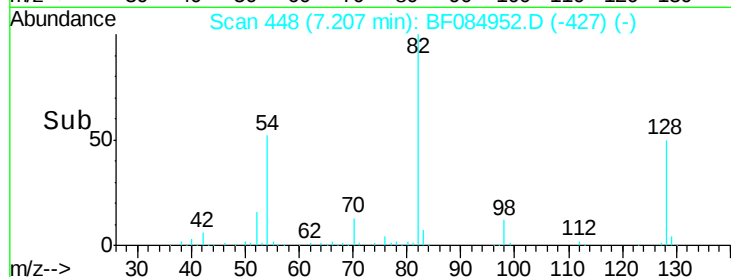
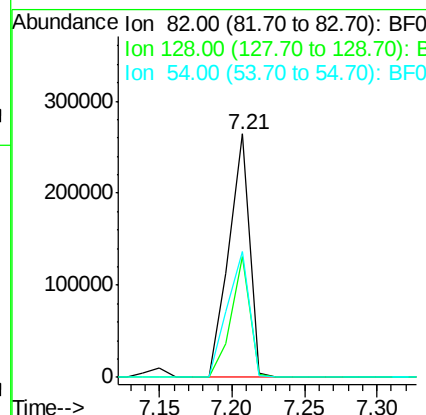
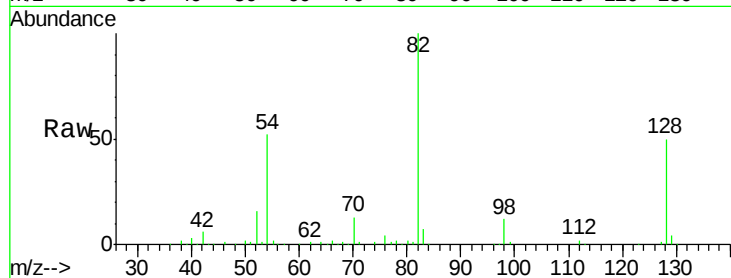
#23
 Nitrobenzene-d5
 Concen: 104.64 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263911		
128	49.9	34.6	51.8	
54	51.7	38.4	57.6	

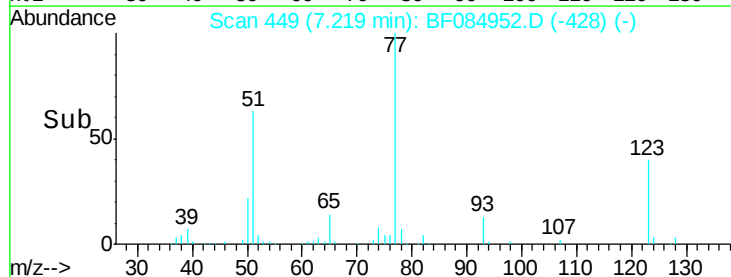
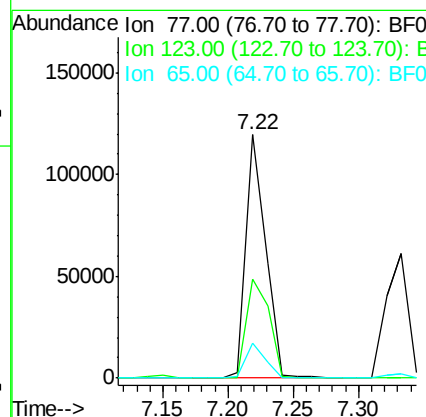
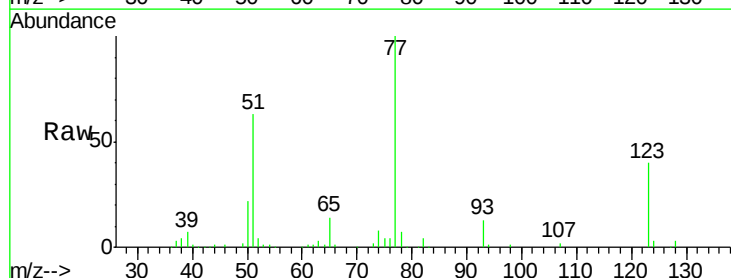
Manual Integrations
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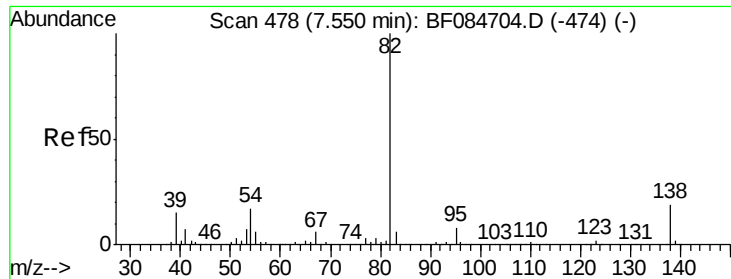
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#24
 Nitrobenzene
 Concen: 46.07 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124438		
123	40.4	37.4	56.2	
65	14.4	10.9	16.3	





#25

Isophorone

Concen: 46.75 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

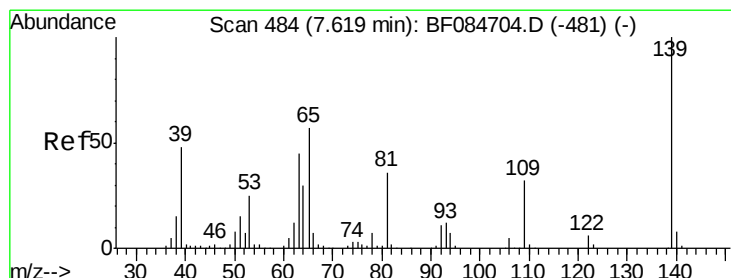
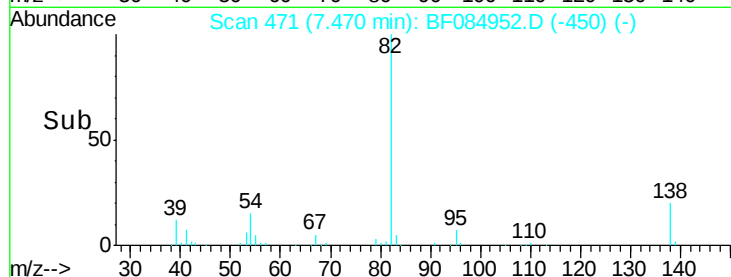
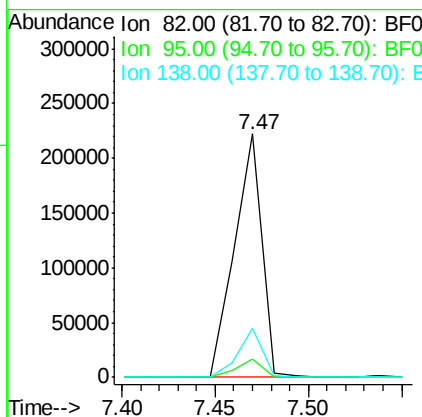
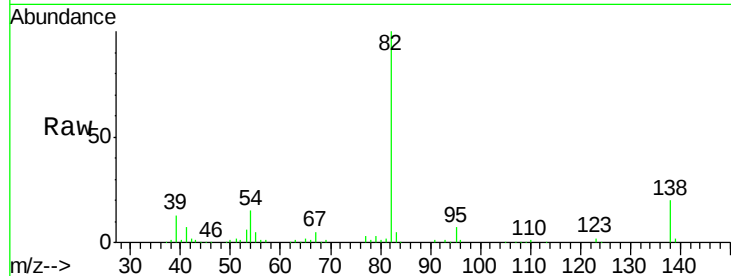
ClientSampleId :

SB03-2-3MSD

Tot Ion:	82	Resp:	229271
Ion Ratio		Lower	Upper
82	100		
95	7.4	6.6	10.0
138	19.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.60 ng

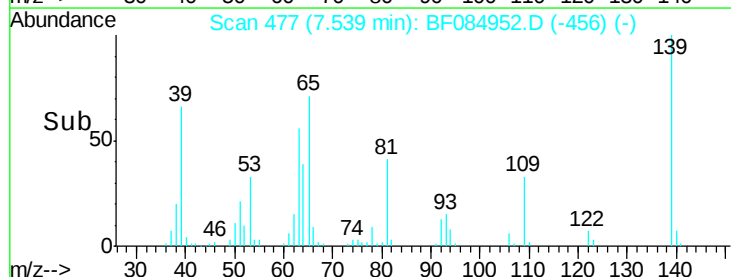
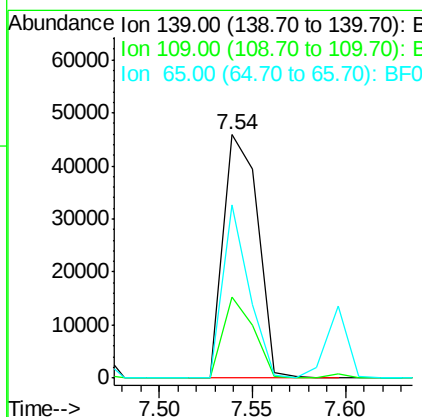
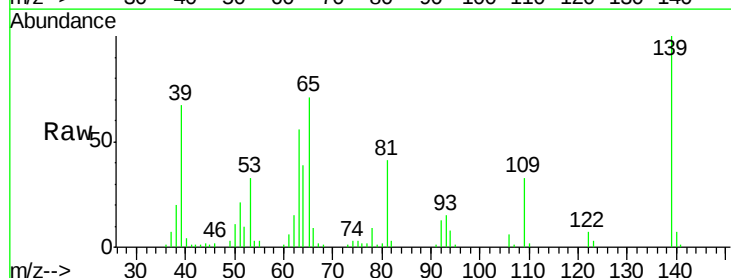
RT: 7.54 min Scan# 477

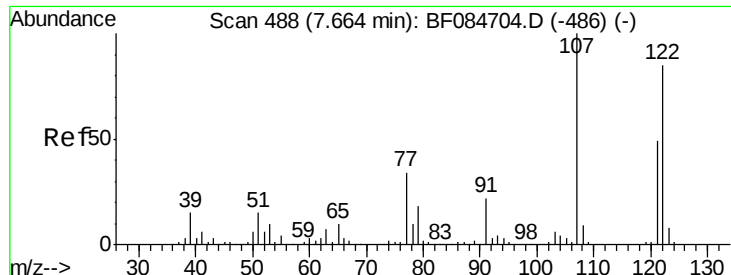
Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	139	Resp:	59414
Ion Ratio		Lower	Upper
139	100		
109	33.4	25.4	38.2
65	71.1	32.3	48.5





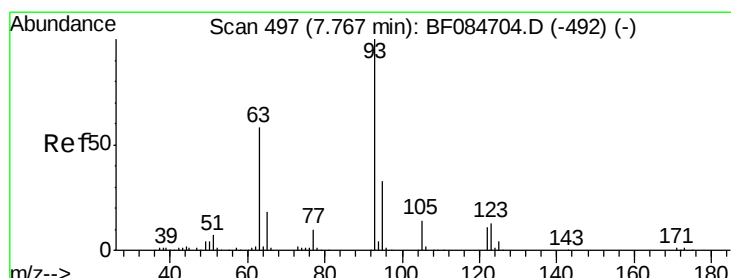
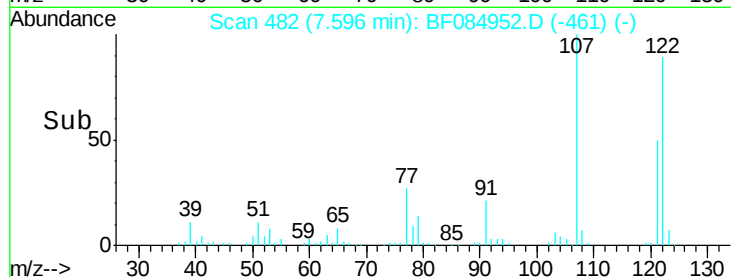
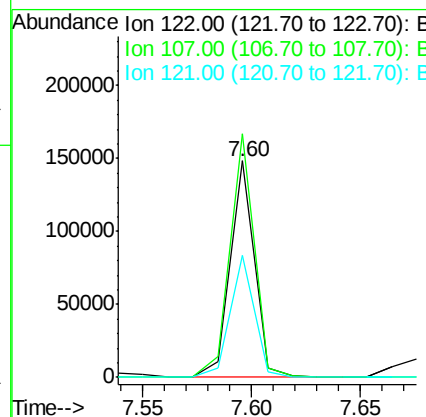
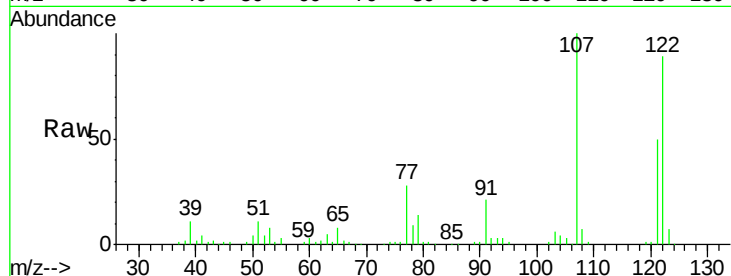
#27
2,4-Dimethylphenol
Concen: 49.33 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	112.7	99.1	148.7		
121	56.4	47.9	71.9		

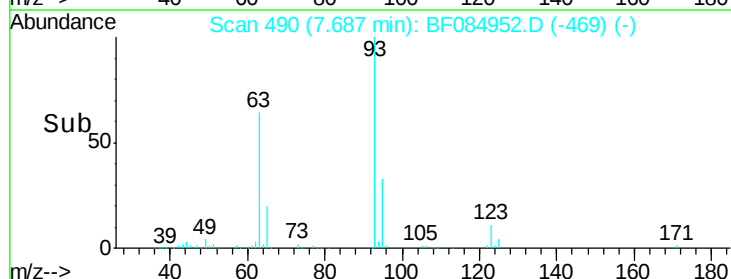
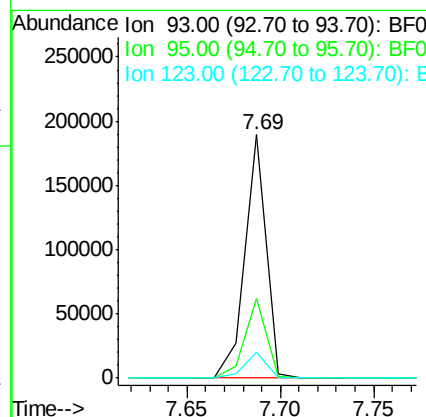
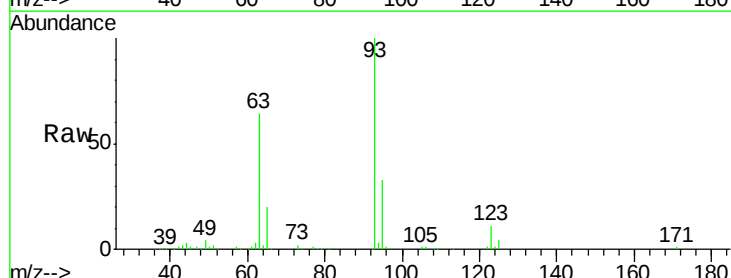
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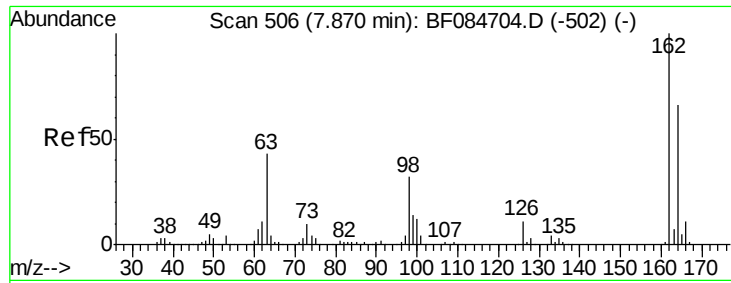
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#28
bis(2-Chloroethoxy)methane
Concen: 51.88 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

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





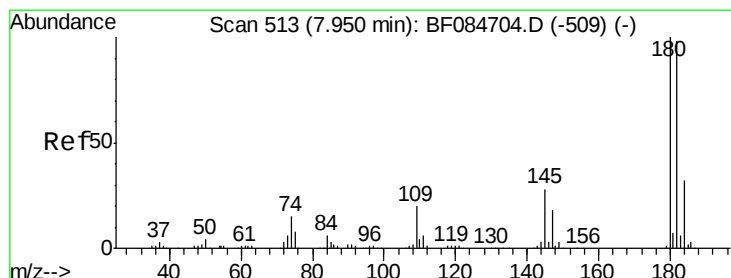
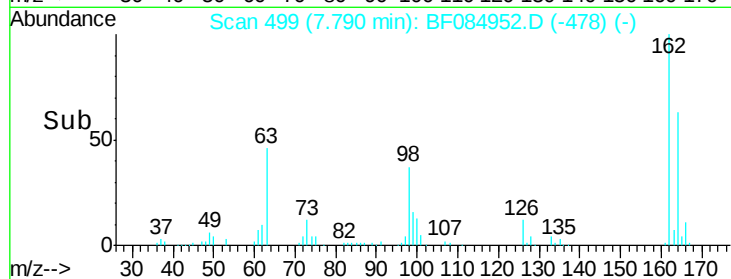
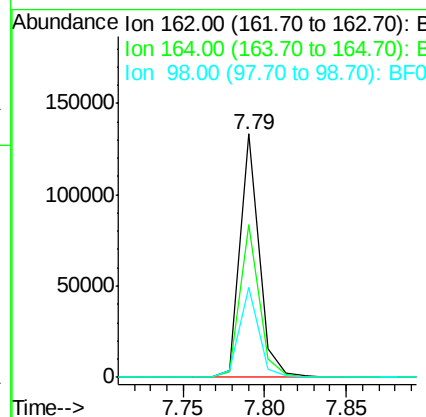
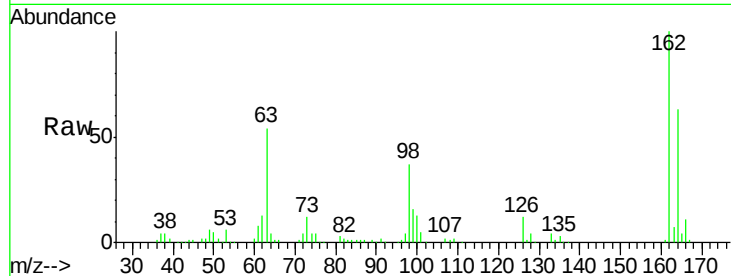
#29
 2,4-Dichlorophenol
 Concen: 53.99 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	107024		
164	63.0	44.1	84.1	
98	36.7	20.2	60.2	

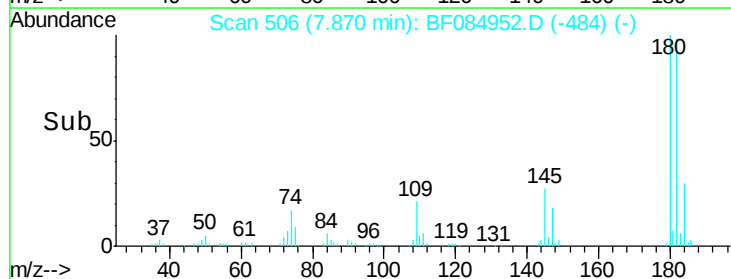
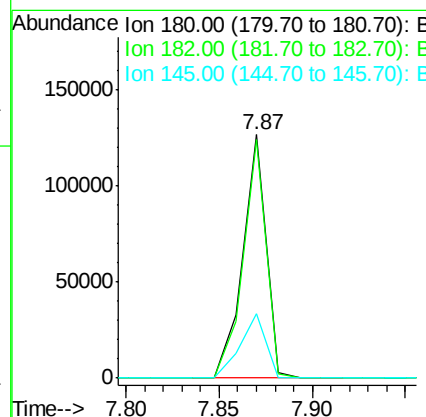
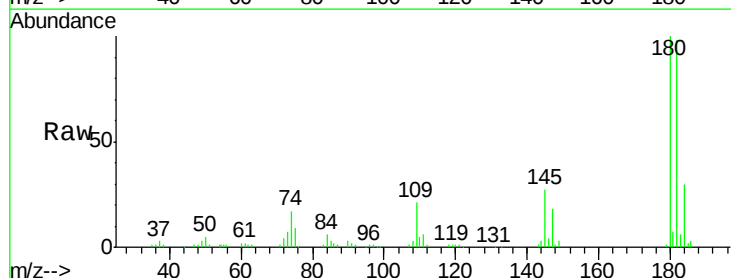
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.84 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111587		
182	97.8	76.4	114.6	
145	26.7	31.6	47.4	





#31

Naphthalene

Concen: 46.87 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

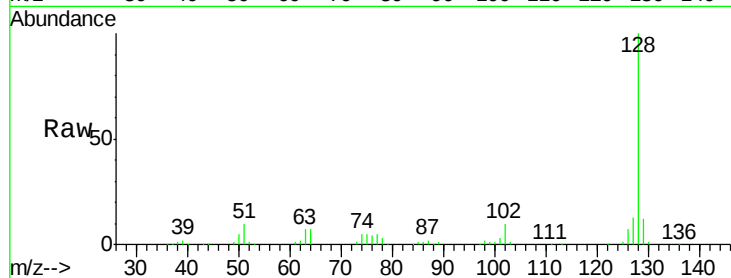
ClientSampleId :

SB03-2-3MSD

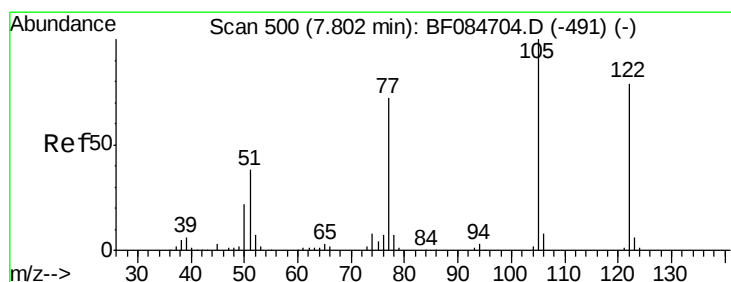
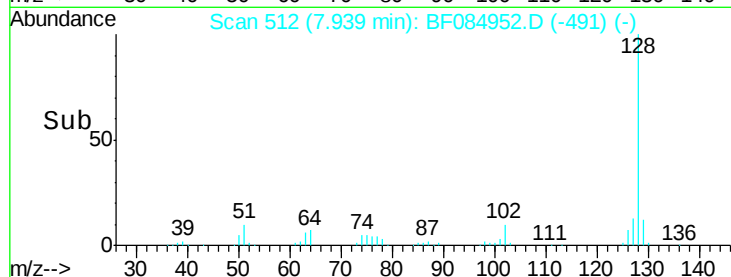
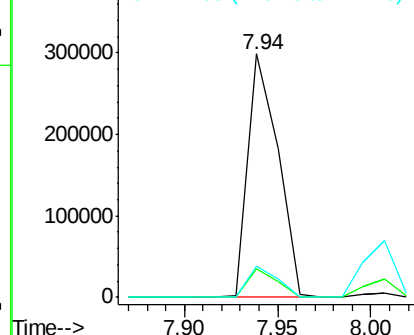
Tot Ion:	128	Resp:	334006
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.1	13.7
127	12.7	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.45 ng

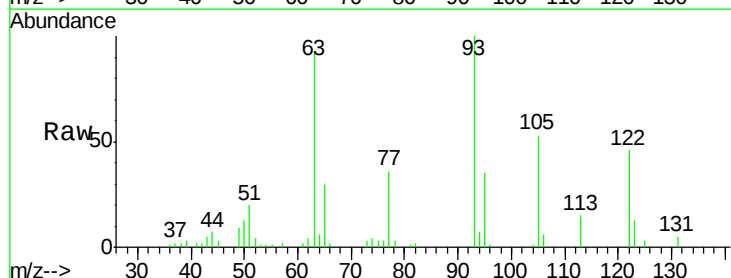
RT: 7.68 min Scan# 489

Delta R.T. -0.11 min

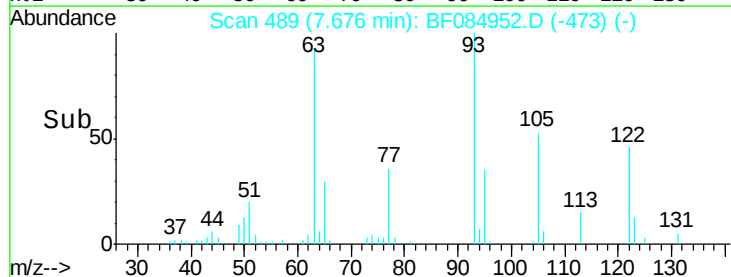
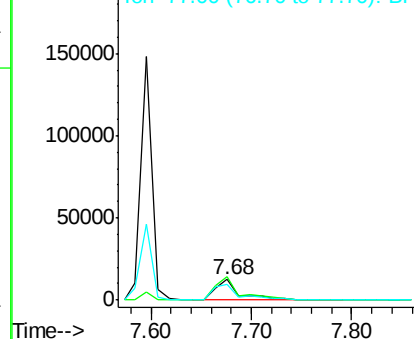
Lab File: BF084952.D

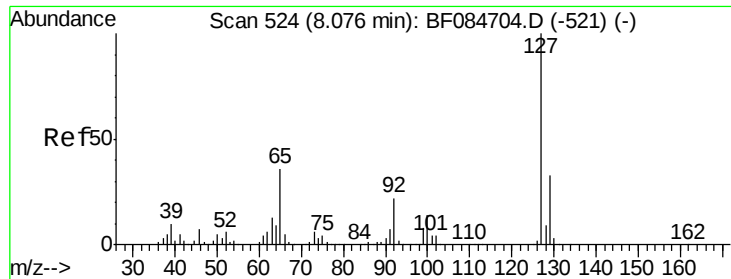
Acq: 9 Feb 2016 15:18

Tgt Ion:	122	Resp:	21414
Ion Ratio	Lower	Upper	
122	100		
105	115.7	100.3	140.3
77	79.8	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





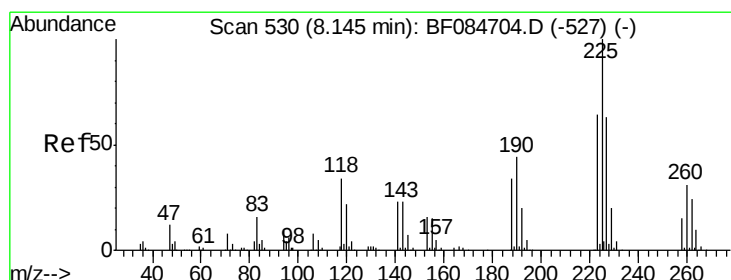
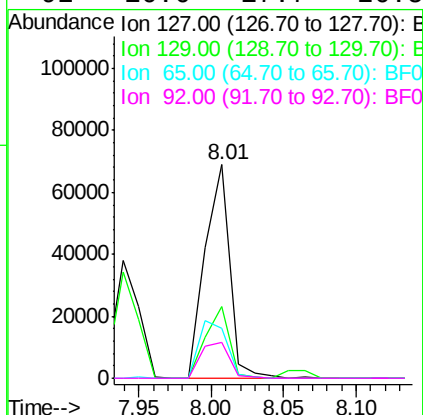
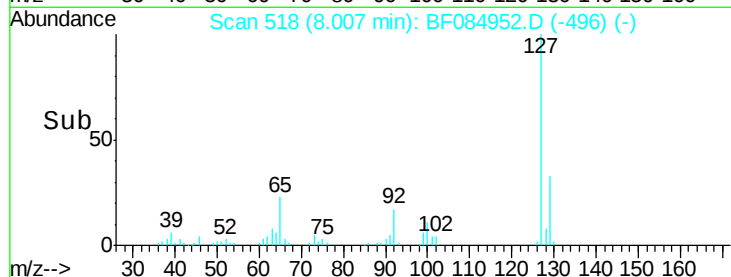
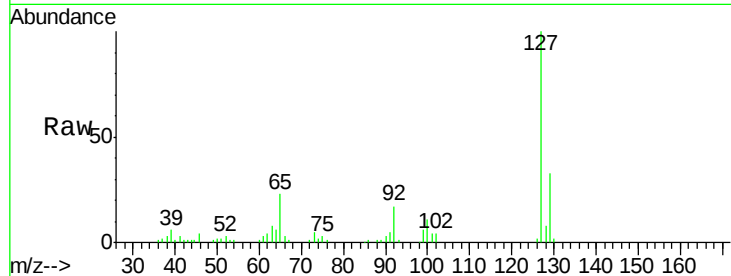
#33
4-Chloroaniline
Concen: 27.52 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampled :
SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	23.5	27.2	40.8
92	16.6	17.7	26.5

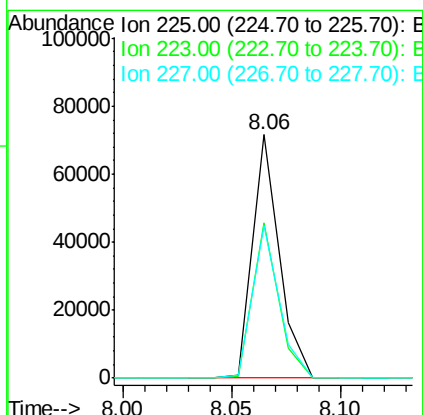
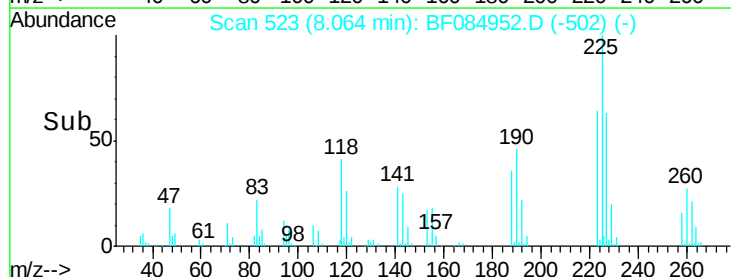
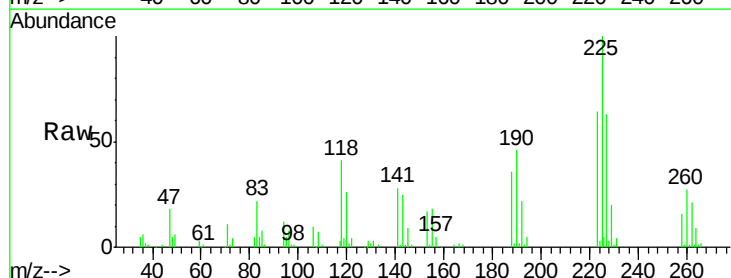
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#34
Hexachlorobutadiene
Concen: 47.21 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 42.94 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.09 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

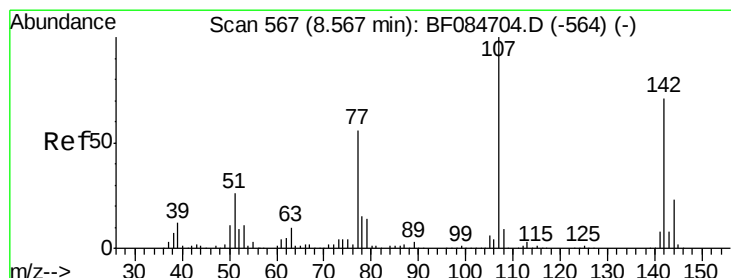
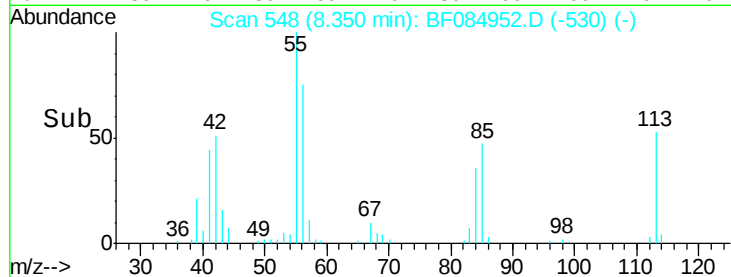
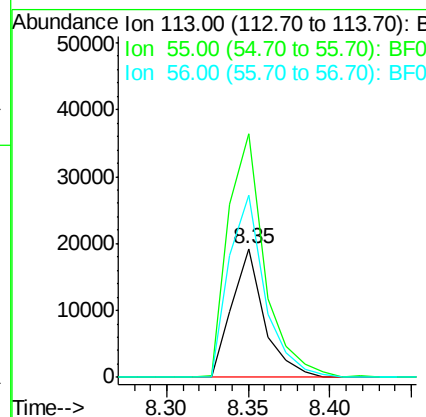
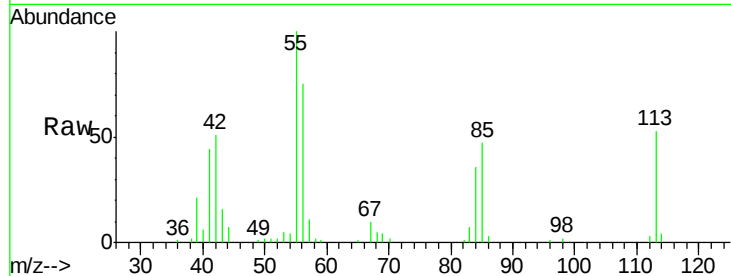
ClientSampleId :

SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.1	116.9	156.9#
56	141.1	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

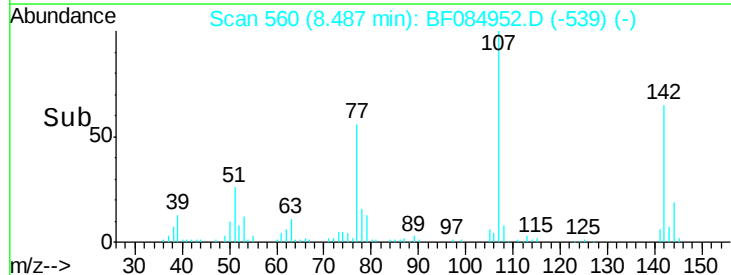
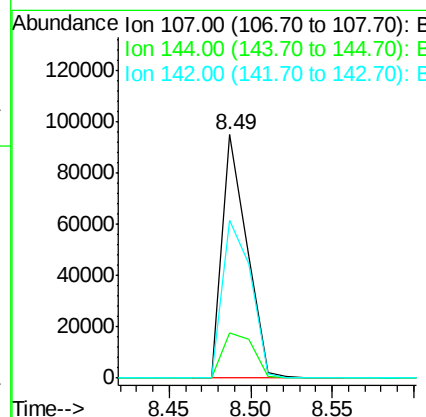
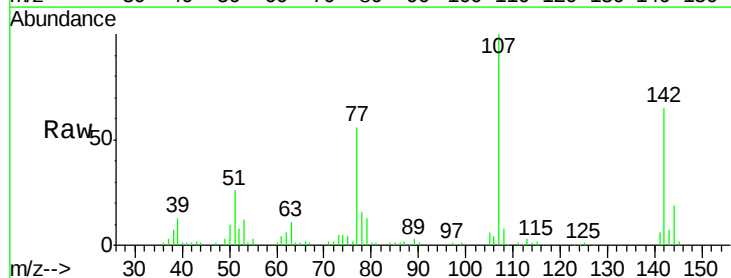
RT: 8.49 min Scan# 560

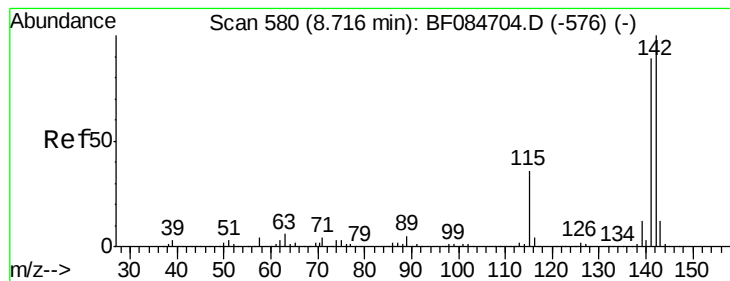
Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.8	19.7	29.5#
142	64.8	61.8	92.6





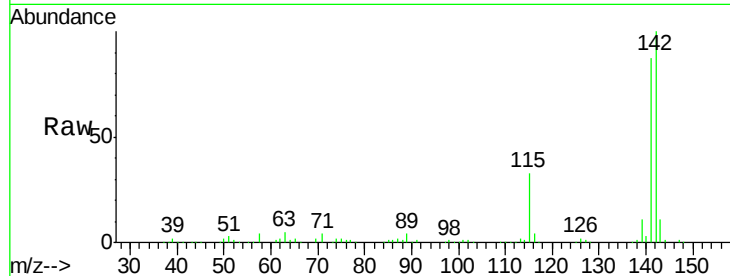
#37
2-Methylnaphthalene
Concen: 54.15 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

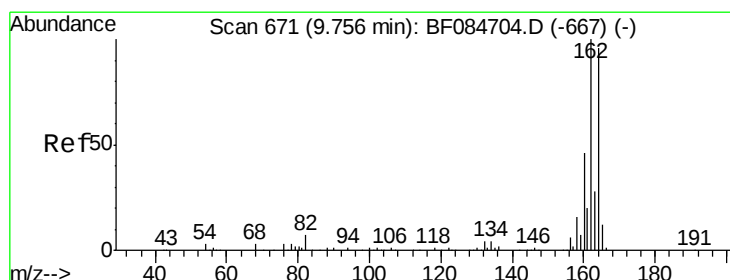
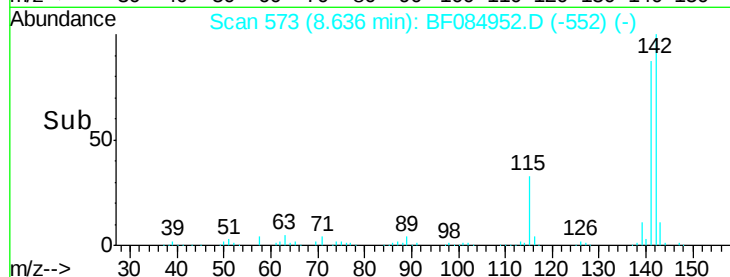
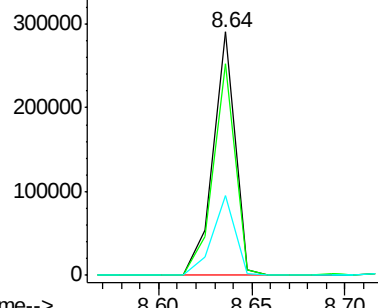
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.4	108.6
115	32.8	27.9	41.9

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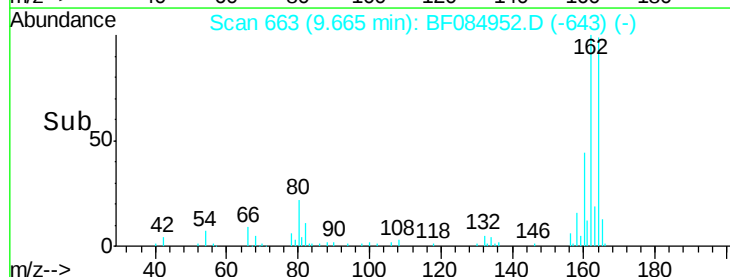
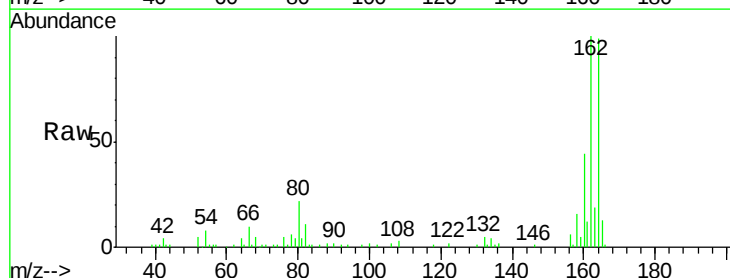
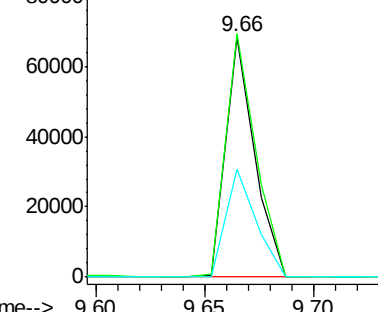
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

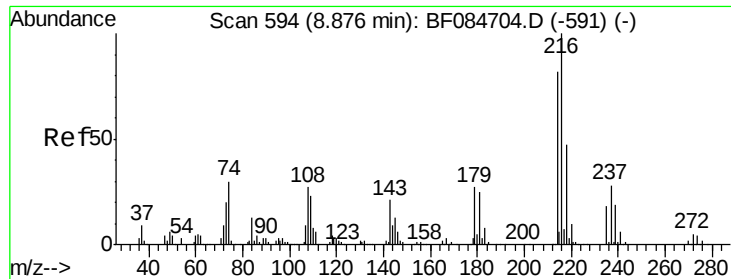


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	44.8	37.5	56.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





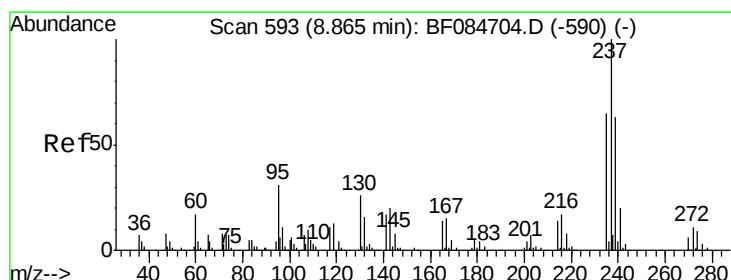
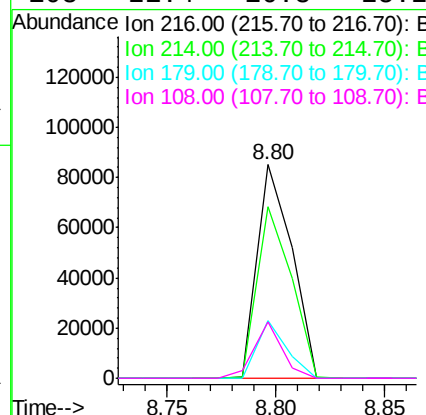
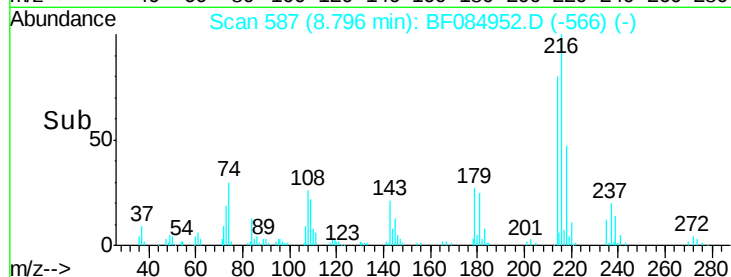
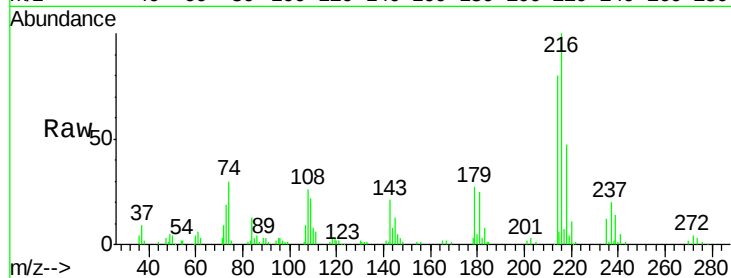
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.14 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion:	216	Resp:	94374
Ion Ratio	Lower	Upper	
216	100		
214	79.2	64.2	96.2
179	23.2	18.7	28.1
108	21.4	16.8	25.2

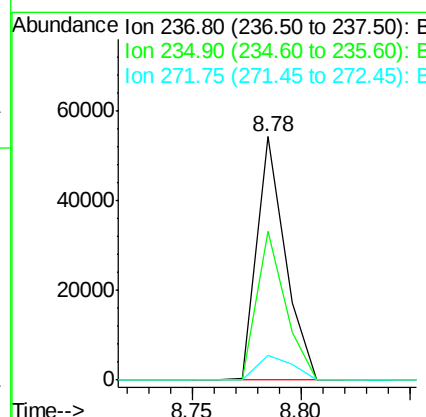
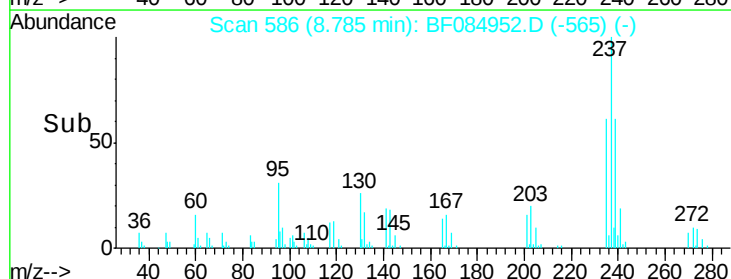
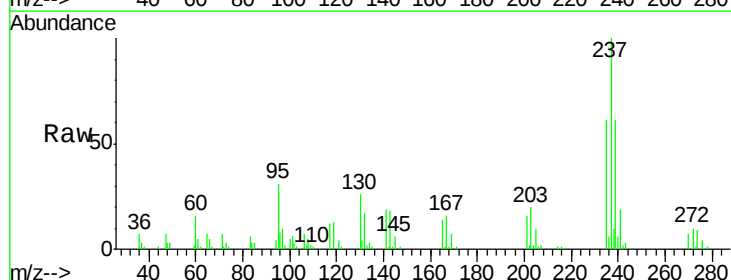
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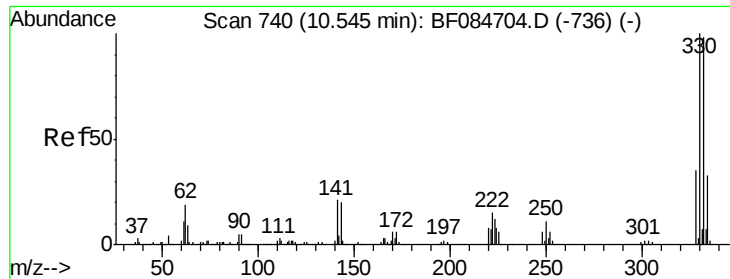
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#40
 Hexachlorocyclopentadiene
 Concen: 61.65 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:	237	Resp:	49324
Ion Ratio	Lower	Upper	
237	100		
235	61.0	43.1	83.1
272	10.1	0.0	35.1





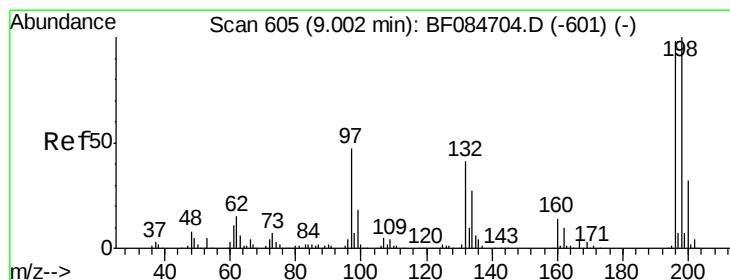
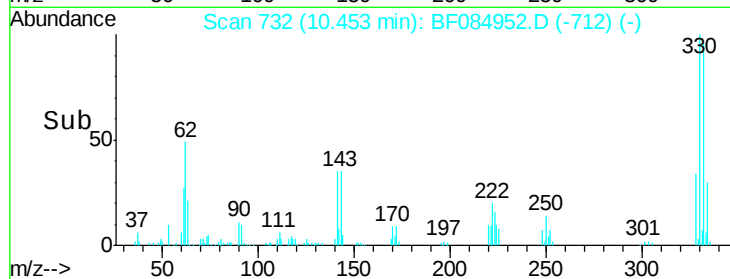
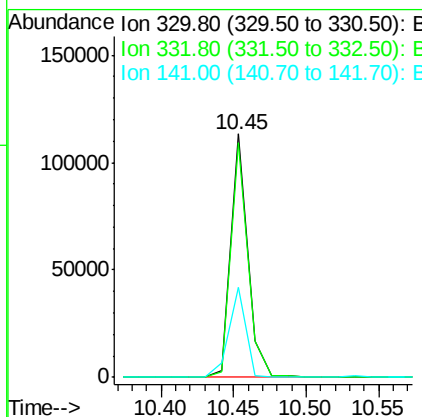
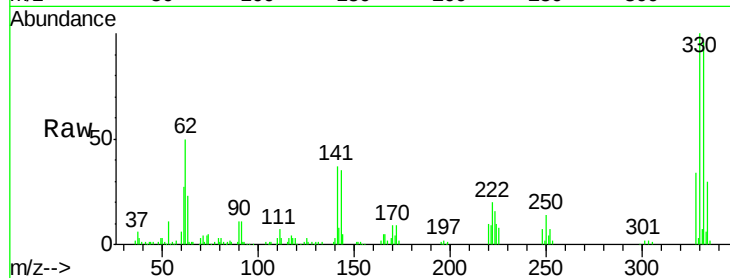
#41
 2,4,6-Tribromophenol
 Concen: 140.76 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleID :
 SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	37.0	27.8	41.6

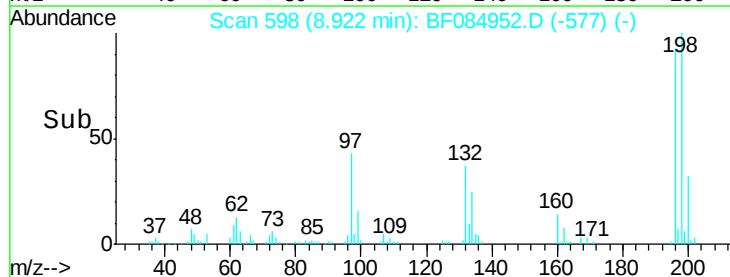
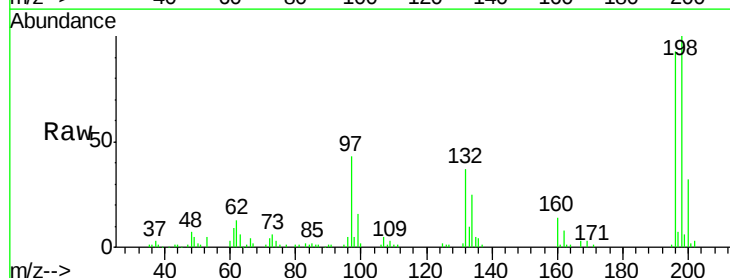
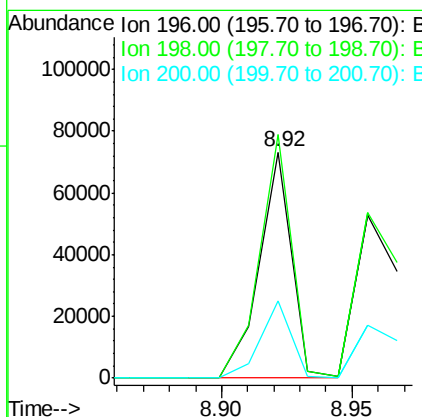
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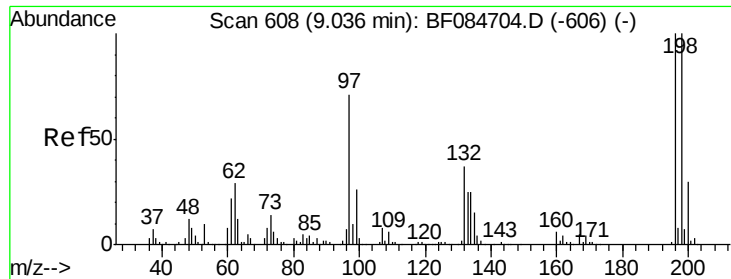
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#42
 2,4,6-Trichlorophenol
 Concen: 49.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	107.9	77.7	116.5
200	34.4	24.6	37.0





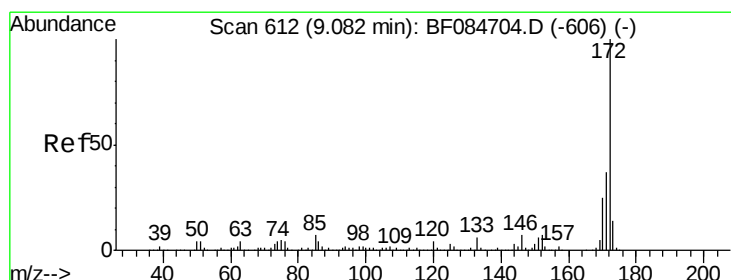
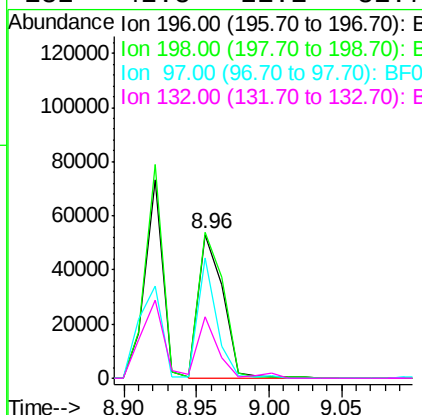
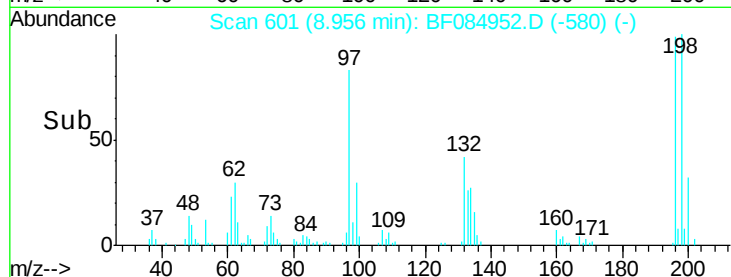
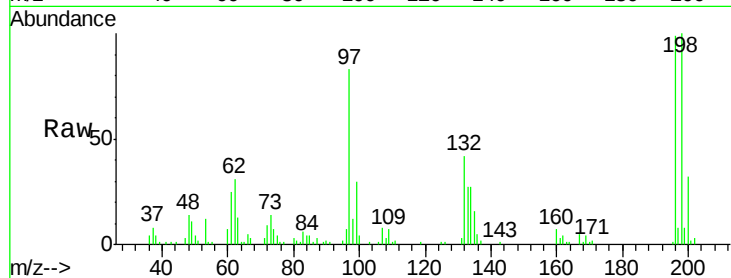
#43
 2,4,5-Trichlorophenol
 Concen: 47.66 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62467		
198	101.4	79.0	118.6	
97	83.8	33.0	49.6	
132	42.8	21.1	31.7	

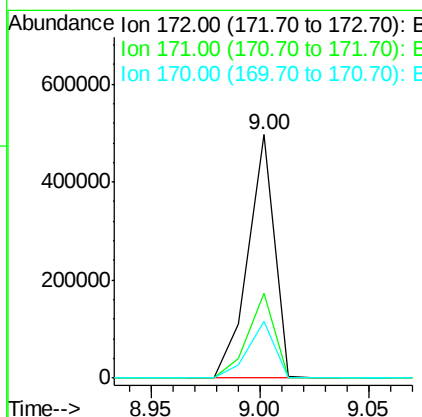
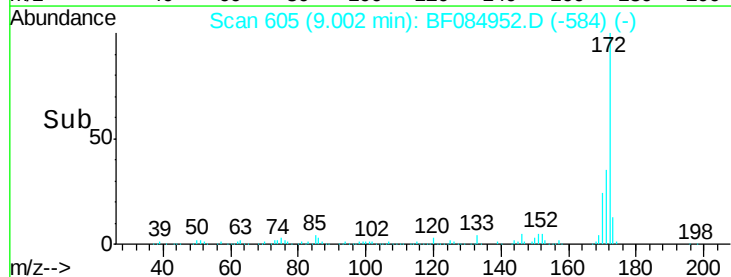
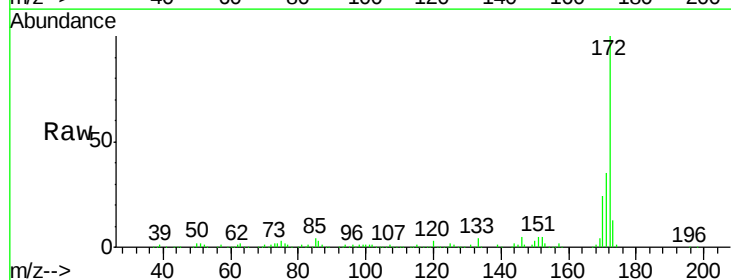
Manual Integrations
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Sohil
 2/10/2016 1:44:55 PM



#44
 2-Fluorobiphenyl
 Concen: 149.03 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	418728		
171	34.7	28.9	43.3	
170	23.5	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 46.17 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

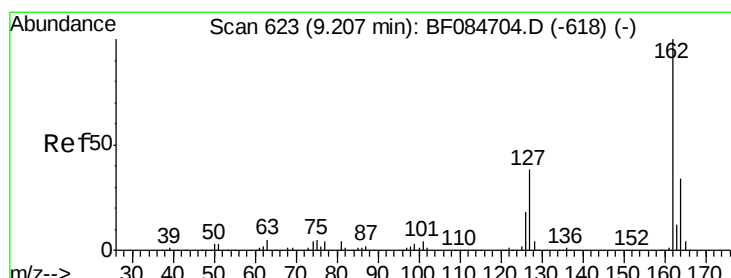
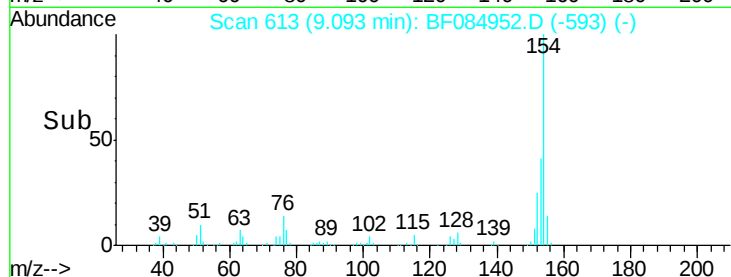
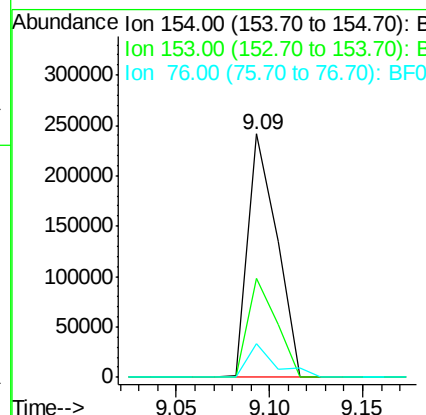
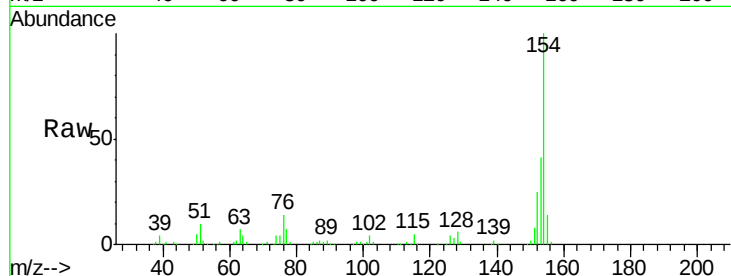
ClientSampleId :

SB03-2-3MSD

Tot Ion:	154	Resp:	259971
Ion Ratio		Lower	Upper
154	100		
153	40.5	21.6	61.6
76	14.0	0.0	32.7

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#46

2-Chloronaphthalene

Concen: 50.61 ng

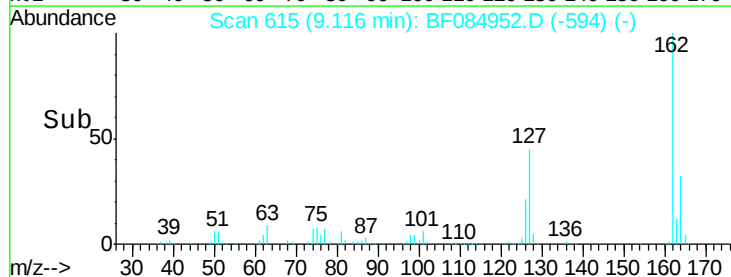
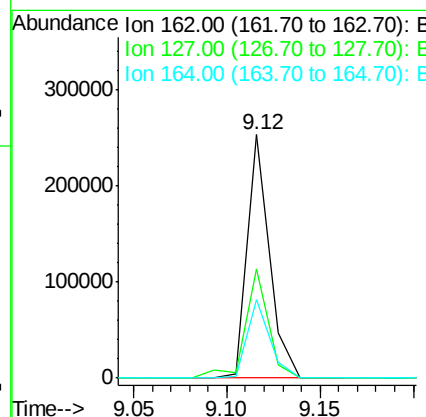
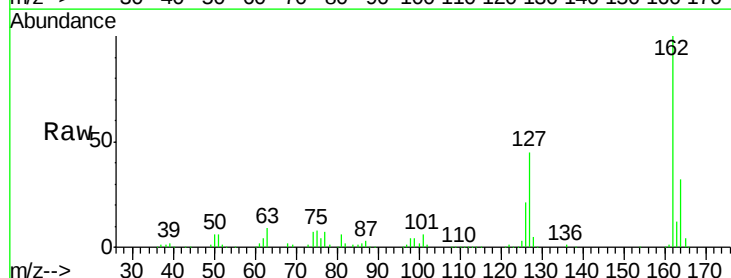
RT: 9.12 min Scan# 615

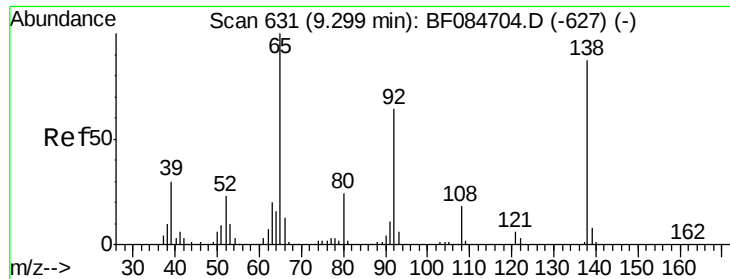
Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	162	Resp:	209878
Ion Ratio		Lower	Upper
162	100		
127	44.7	40.2	60.4
164	32.2	25.7	38.5





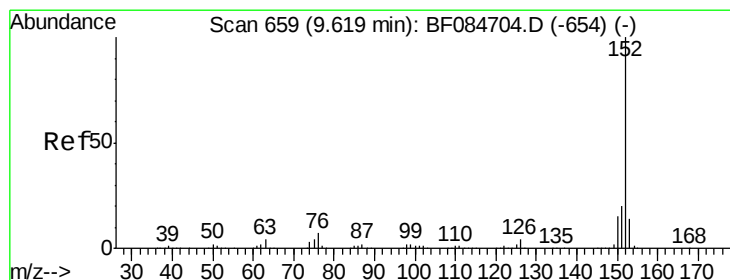
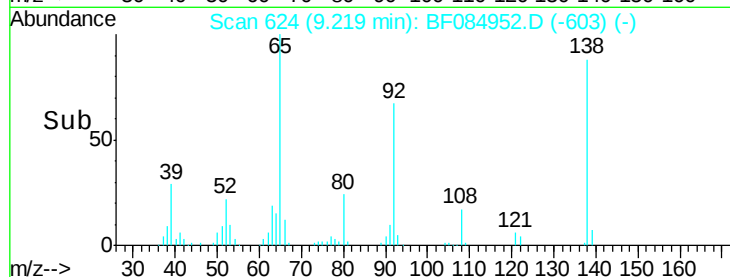
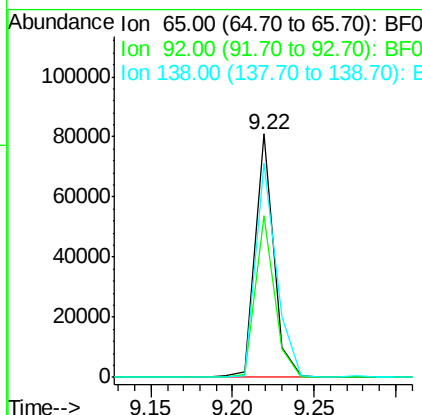
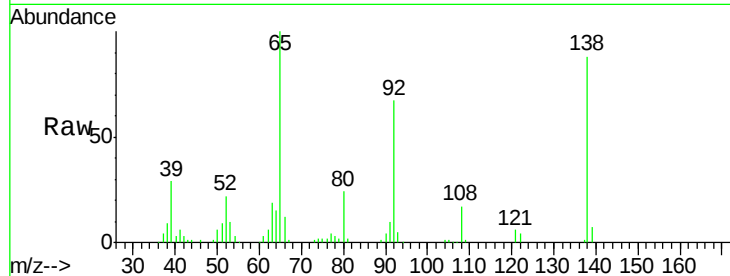
#47
2-Nitroaniline
Concen: 49.19 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.4	80.2
138	88.2	71.1	106.7

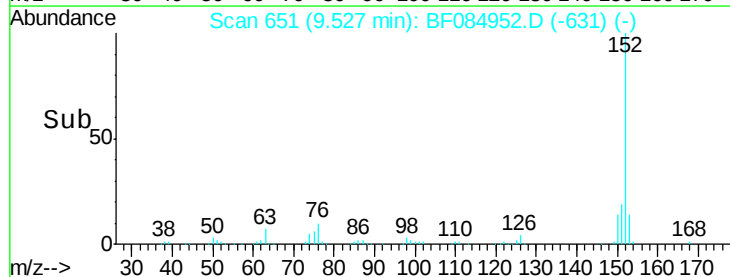
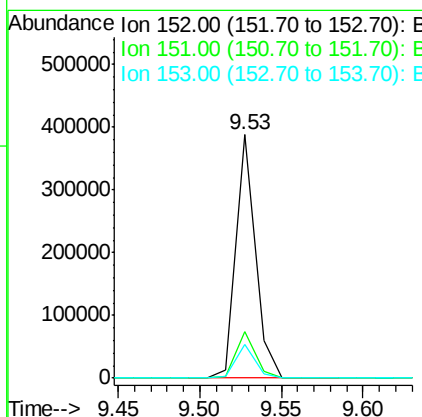
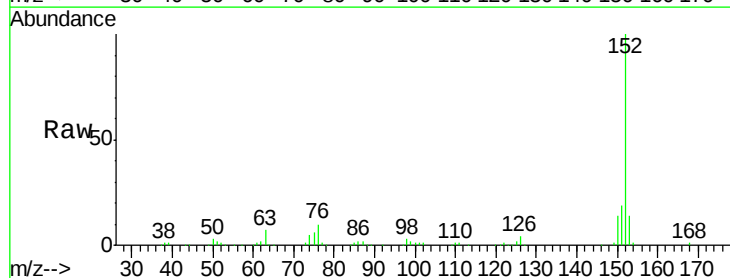
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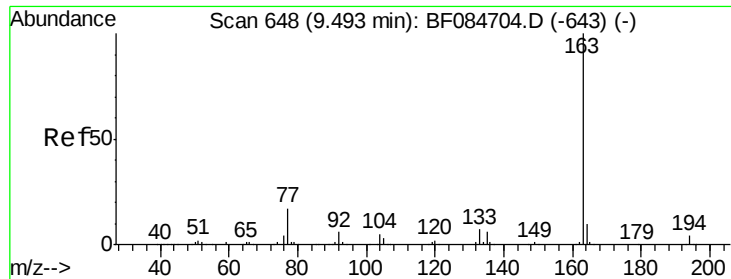
Sohil
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#48
Acenaphthylene
Concen: 50.33 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	13.9	10.4	15.6





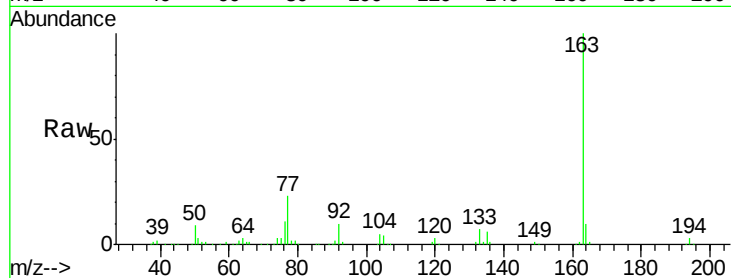
#49
Dimethylphthalate
Concen: 63.33 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.3	8.0	12.0

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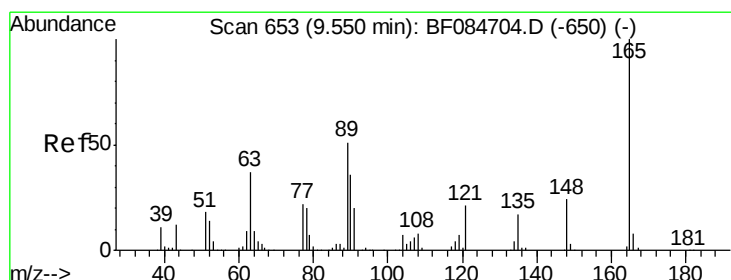
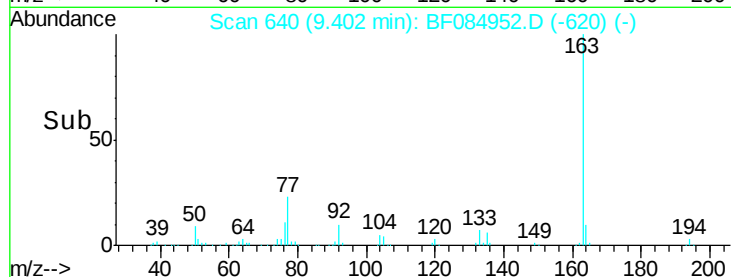
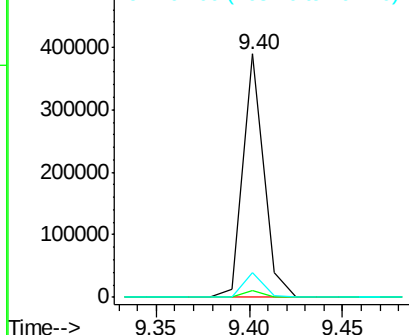


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.61 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

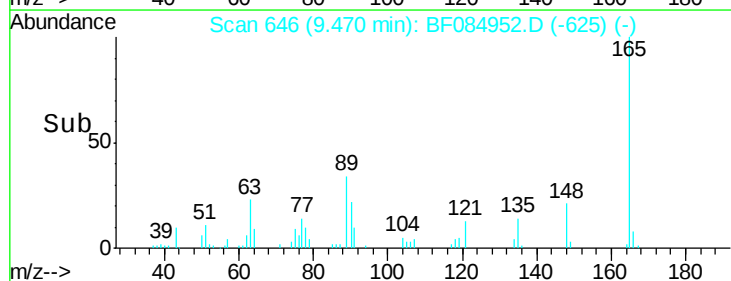
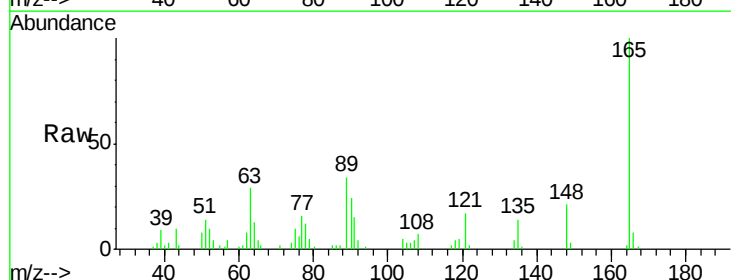
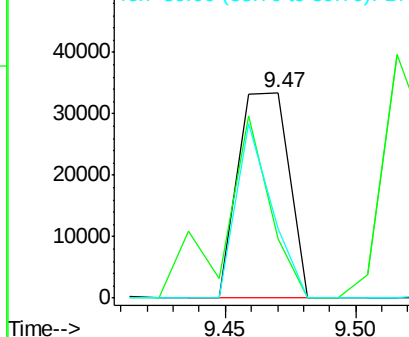
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	29.1	28.8	43.2
89	33.9	35.1	52.7#

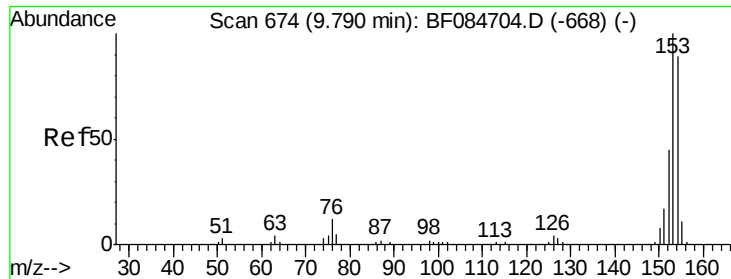
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





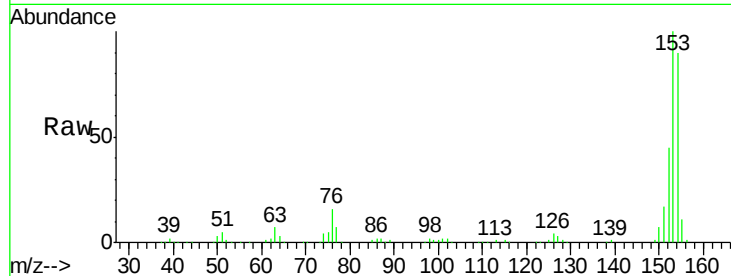
#51
Acenaphthene
Concen: 49.09 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

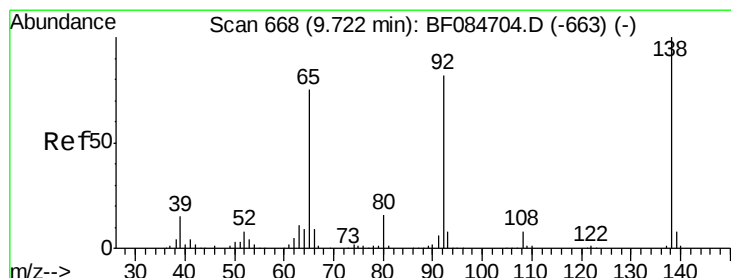
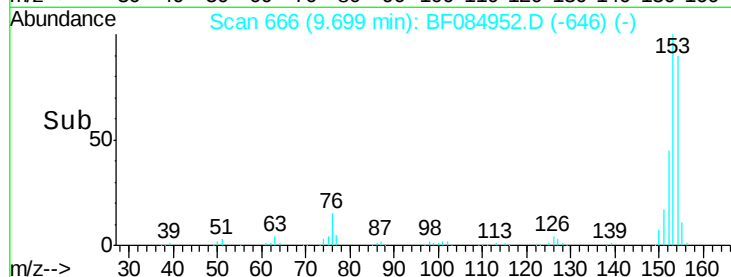
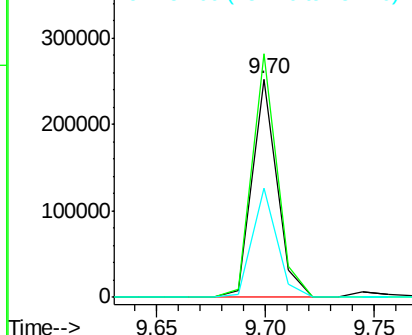
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.5	137.3
152	50.1	43.0	64.6

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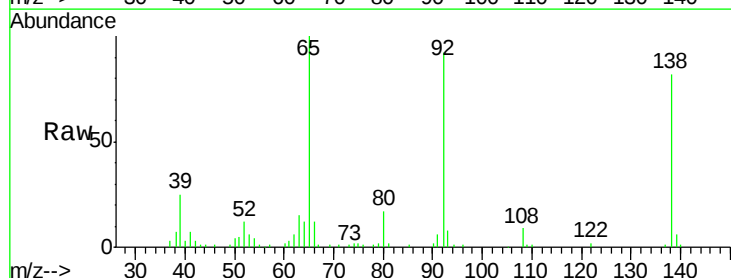


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

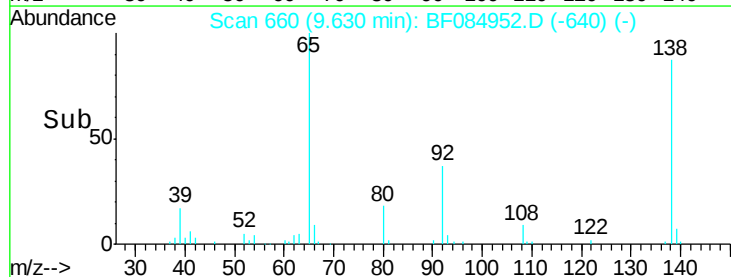
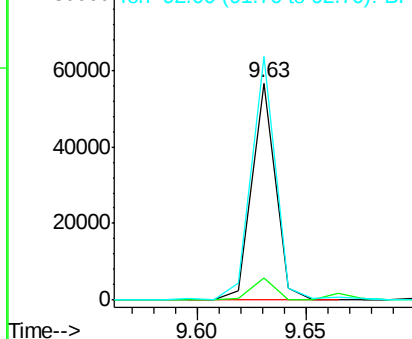


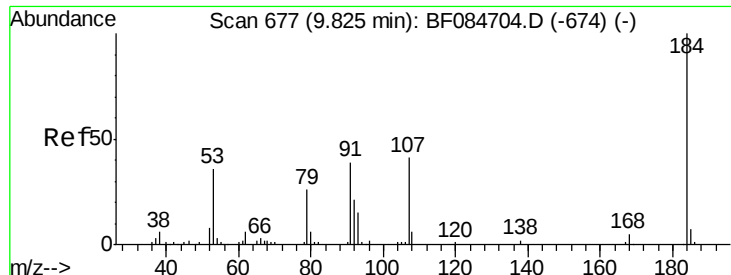
#52
3-Nitroaniline
Concen: 36.21 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7
92	112.1	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





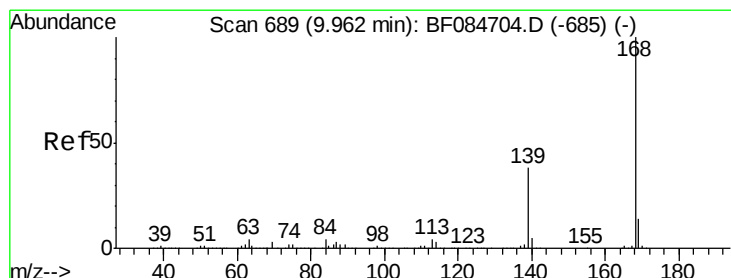
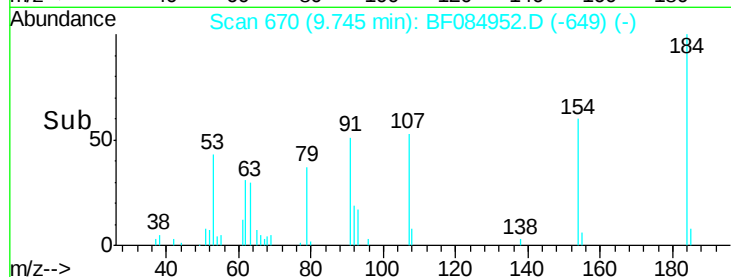
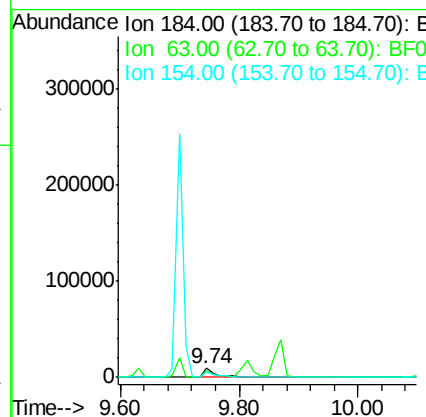
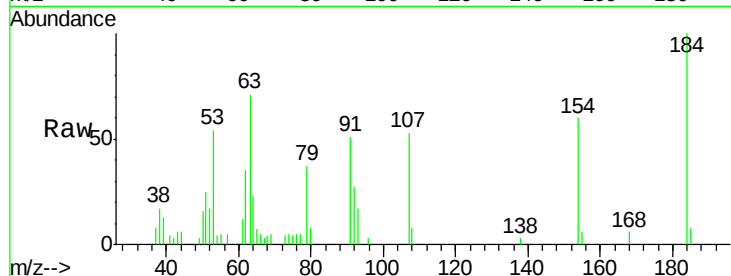
#53
2,4-Dinitrophenol
Concen: 40.46 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.9	43.1	64.7#	
154	60.0	60.5	90.7#	

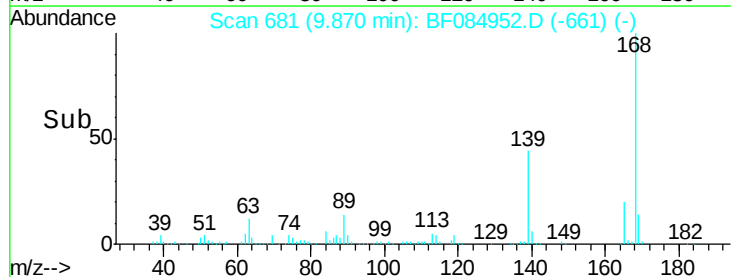
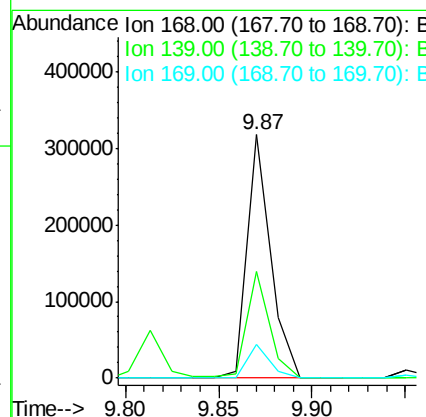
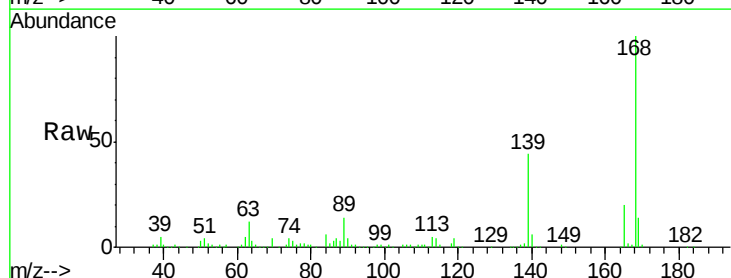
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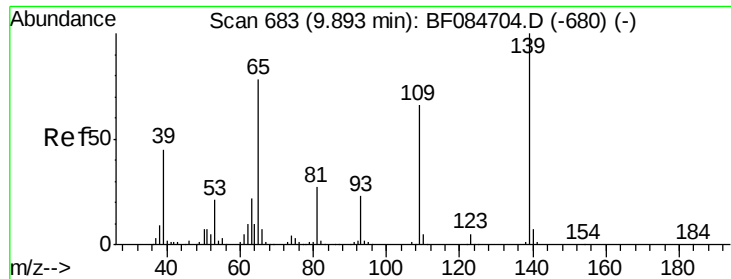
Sohil
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#54
Dibenzofuran
Concen: 55.57 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.1	30.5	45.7	
169	13.7	10.4	15.6	





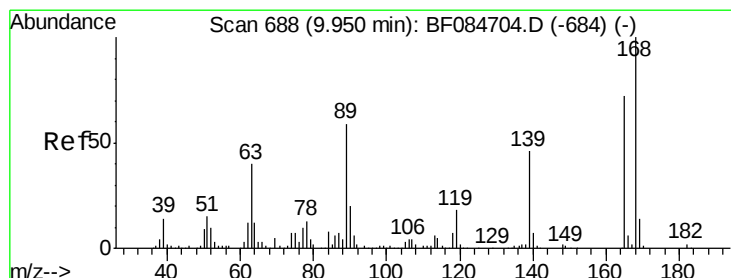
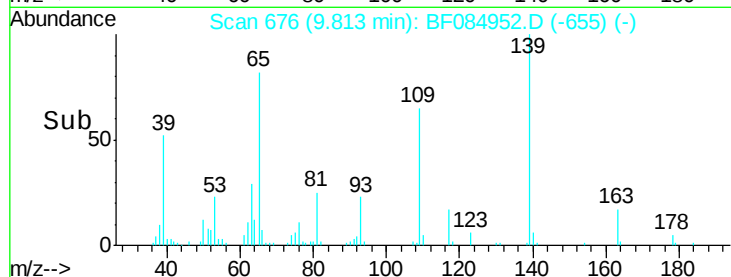
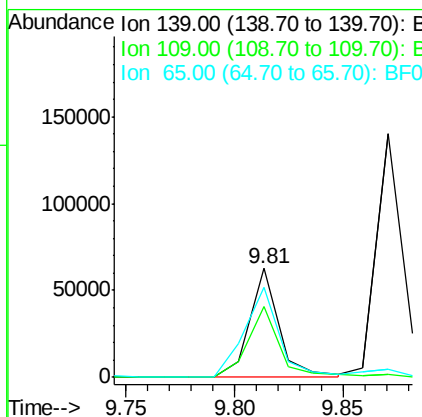
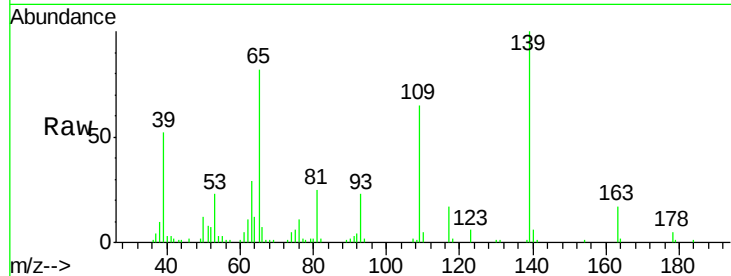
#55
4-Nitrophenol
Concen: 67.71 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	58657		
109	65.0	58.5	98.5	
65	82.3	57.6	97.6	

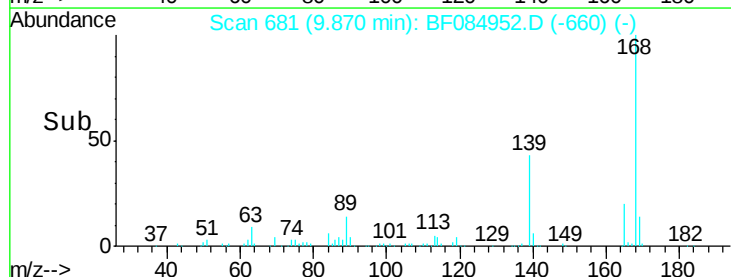
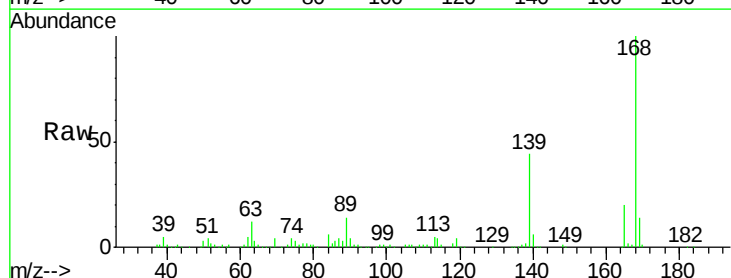
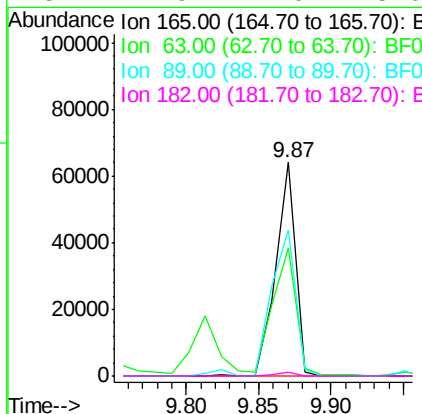
Manual Integrations
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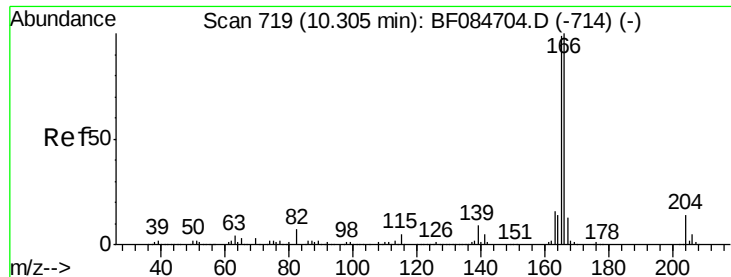
Sohil
2/10/2016 1:44:55 PM



#56
2,4-Dinitrotoluene
Concen: 44.98 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60184		
63	60.0	36.7	55.1#	
89	68.5	61.9	92.9	
182	1.9	2.0	3.0#	





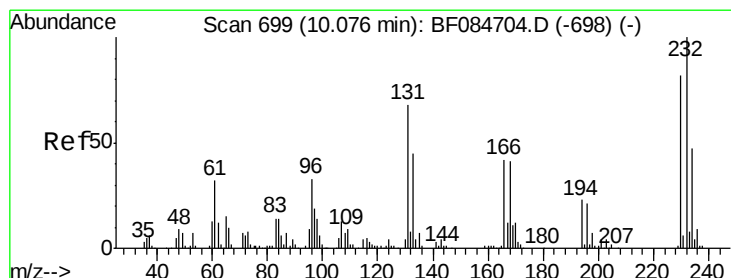
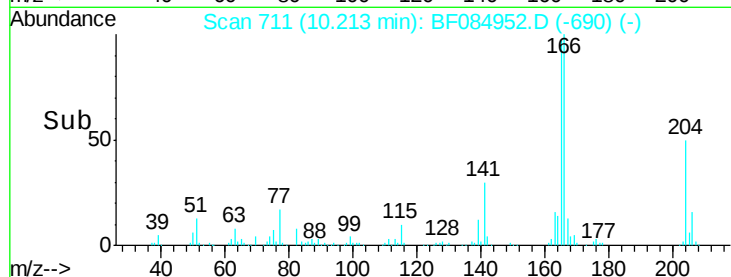
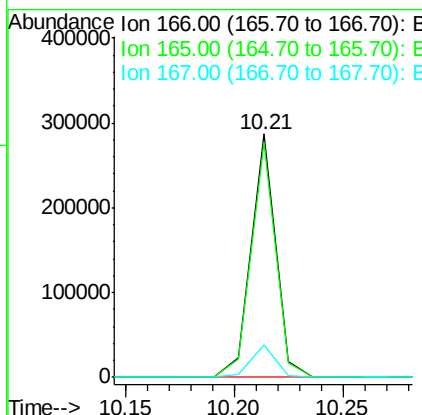
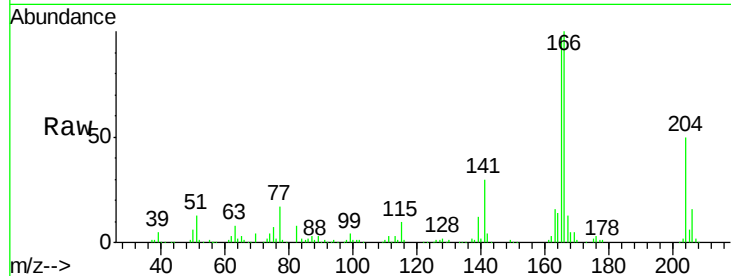
#57
 Fluorene
 Concen: 53.94 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.5	79.1	118.7	
167	13.3	10.4	15.6	

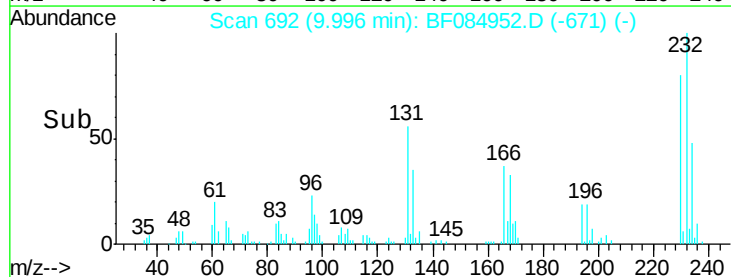
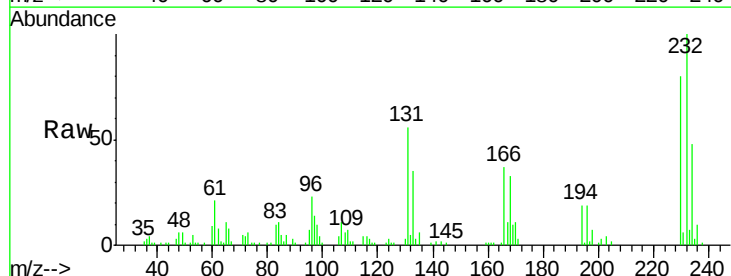
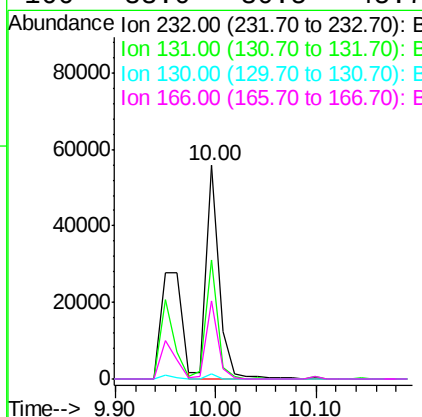
Manual Integrations
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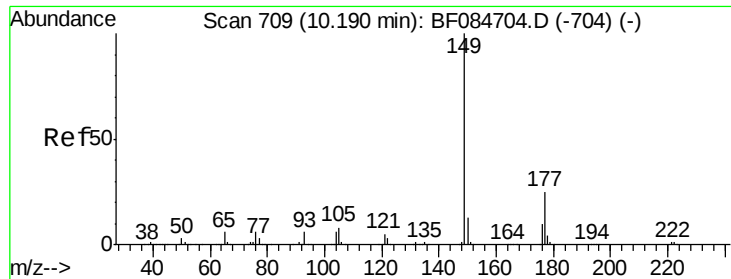
Sohil
 2/10/2016 1:44:55 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.58 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.7	47.0	70.6	
130	1.9	2.0	3.0	
166	33.0	30.5	45.7	





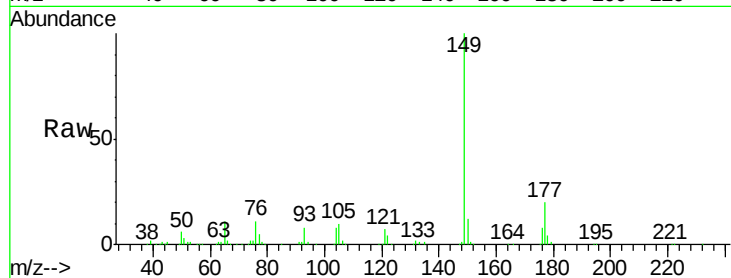
#59
Diethylphthalate
Concen: 46.53 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

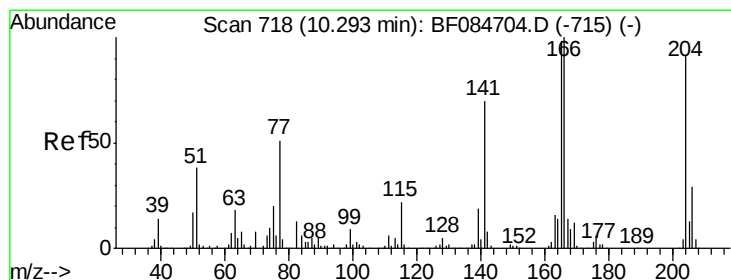
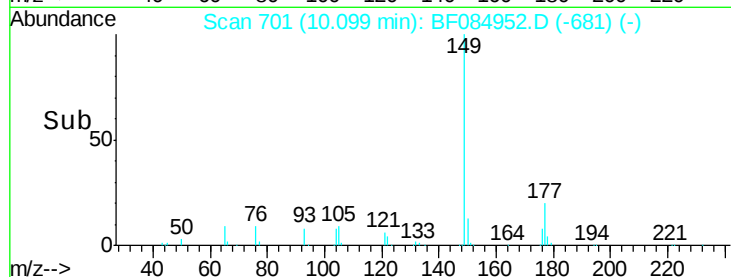
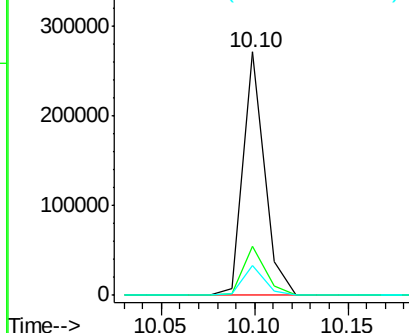
Tot Ion	Ratio	Resp	Lower	Upper
149	100	218176		
177	20.3	17.3	25.9	
150	12.5	9.8	14.8	

Manual Integrations
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2/10/2016 1:44:55 PM

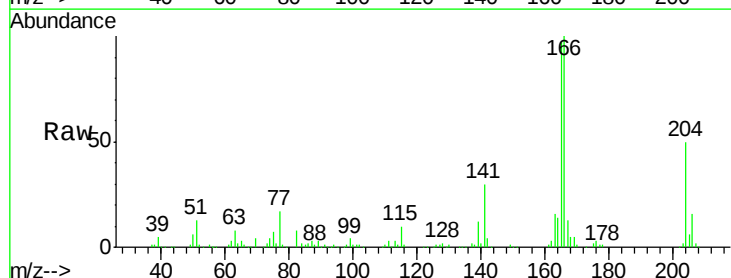


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

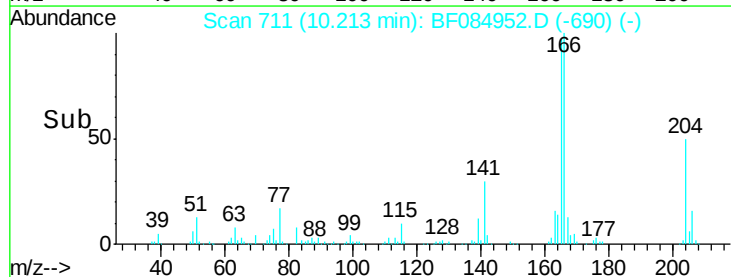
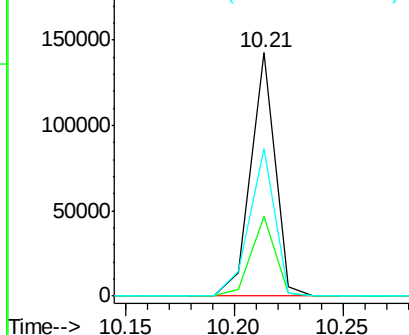


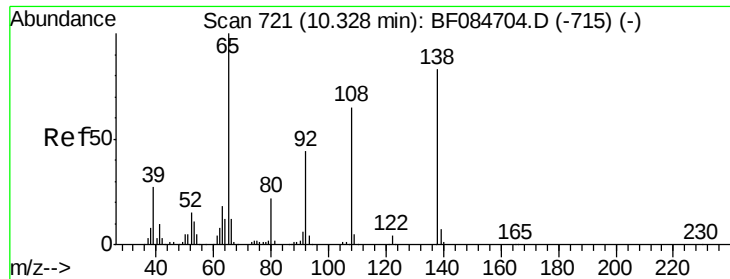
#60
4-Chlorophenyl-phenylether
Concen: 66.59 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	110765		
206	32.6	25.7	38.5	
141	60.8	55.1	82.7	



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





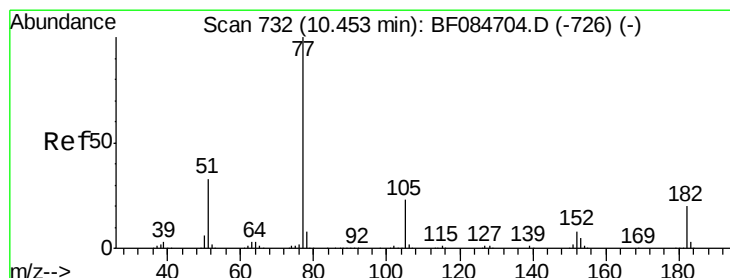
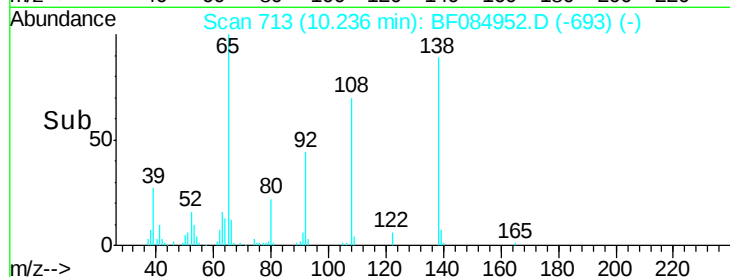
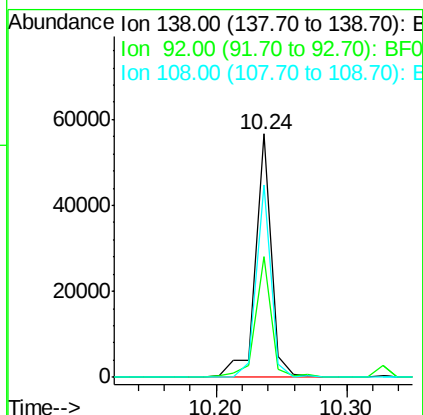
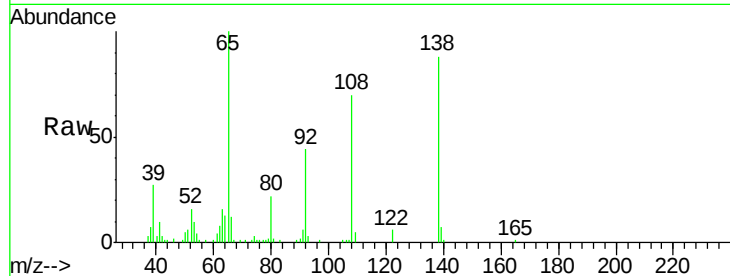
#61
4-Nitroaniline
Concen: 42.39 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	32.6	72.6
108	78.9	68.6	108.6

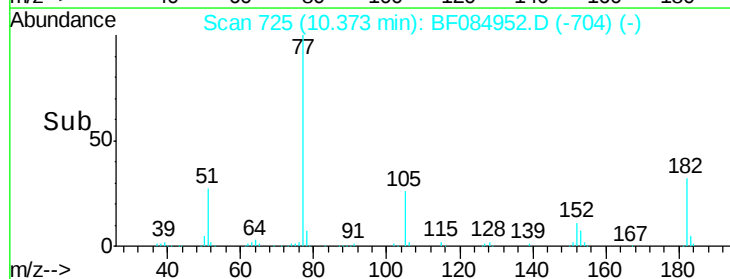
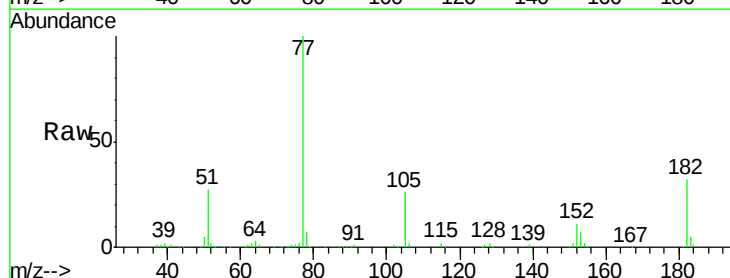
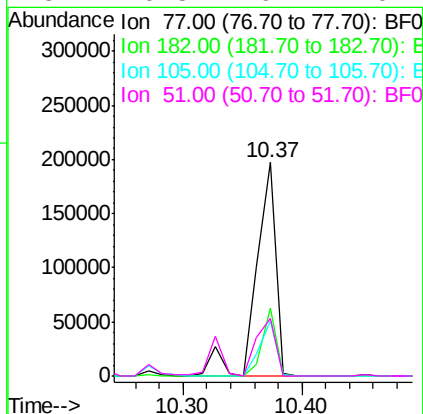
Manual Integrations
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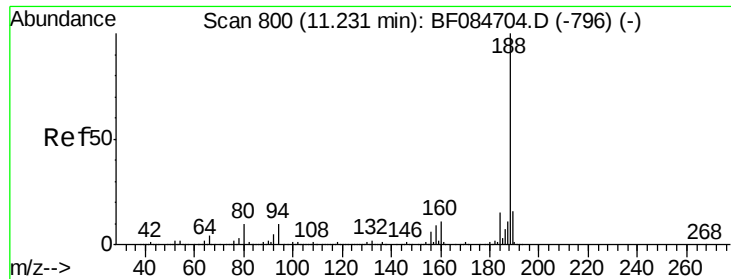
Sohil
2/10/2016 1:44:55 PM



#62
Azobenzene
Concen: 50.57 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.0	8.3	48.3
105	25.8	4.6	44.6
51	26.8	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

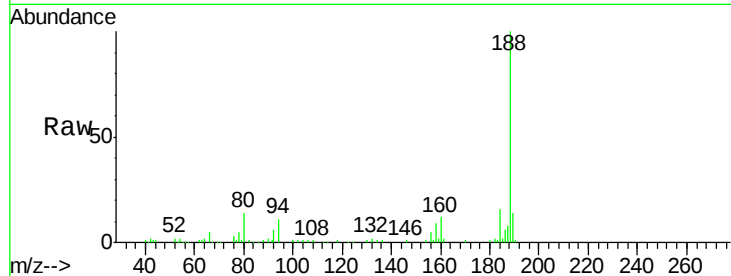
ClientSampleId :

SB03-2-3MSD

Tot Ion	188	Resp	101147
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.0	13.4
80	14.2	9.6	14.4

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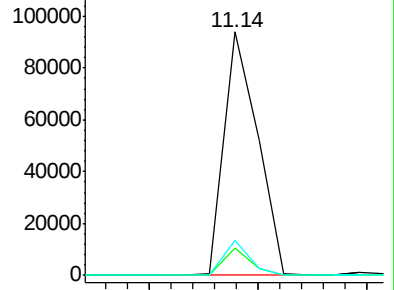
Sohil
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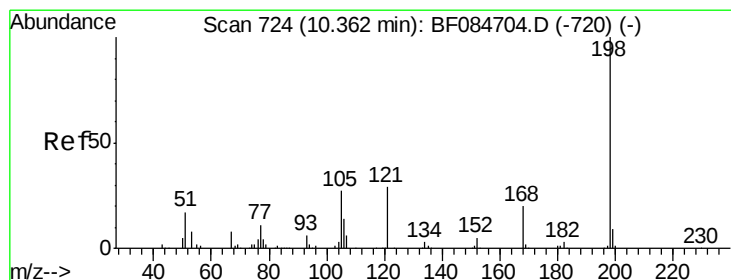
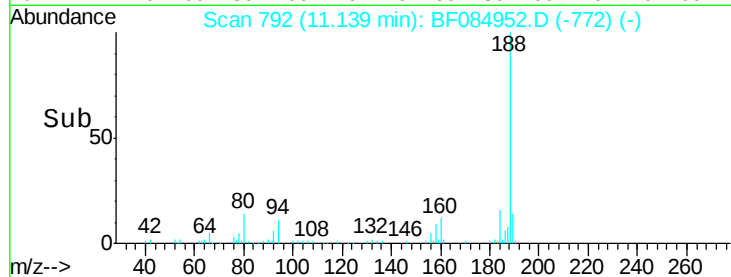
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 29.52 ng

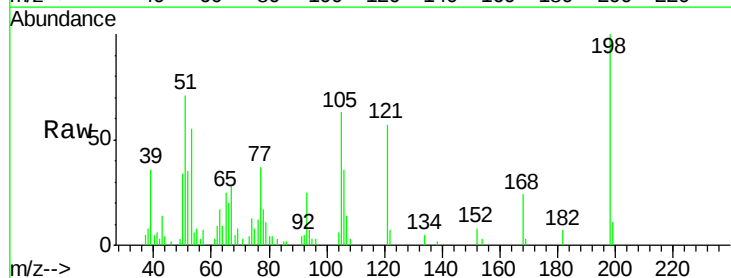
RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

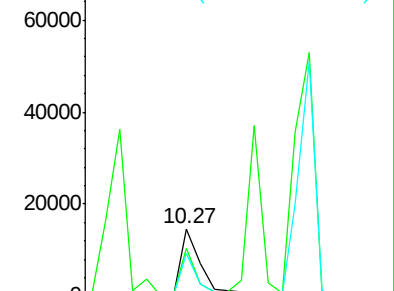
Tgt Ion	198	Resp	18429
Ion Ratio	Lower	Upper	
198	100		
51	71.1	18.9	58.9#
105	63.0	26.4	66.4



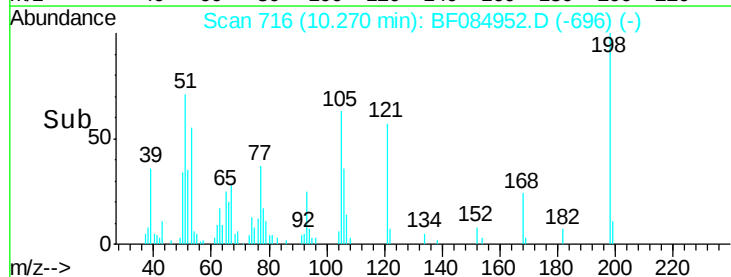
Abundance Ion 198.00 (197.70 to 198.70): E

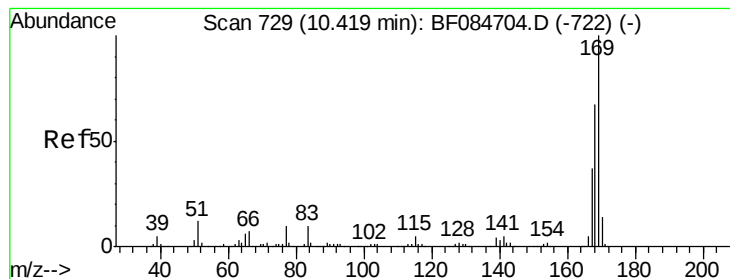
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





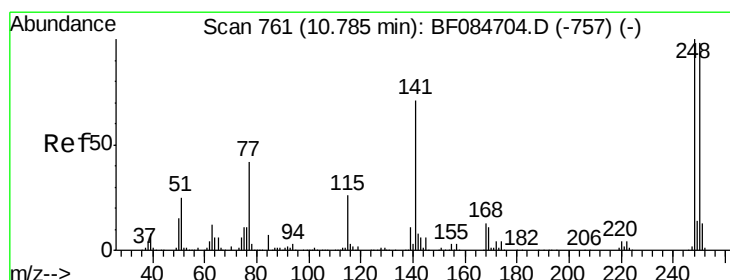
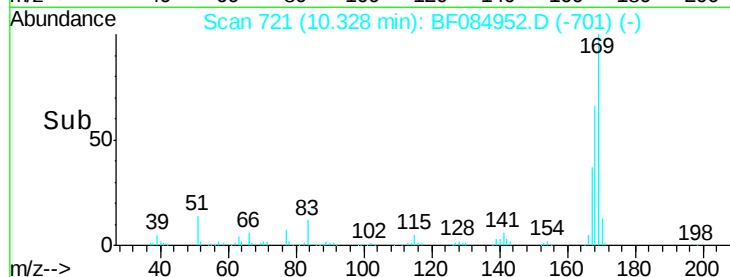
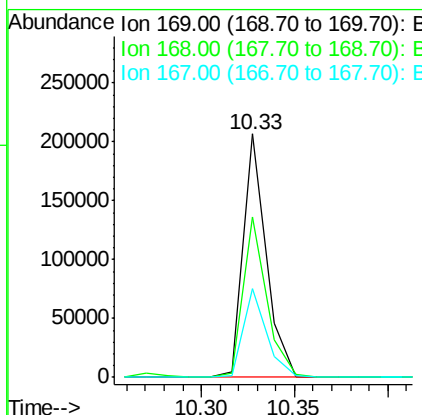
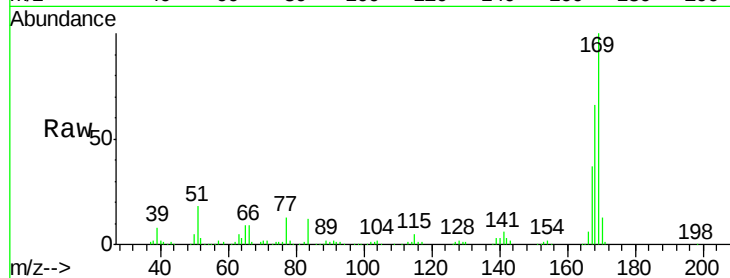
#65
n-Nitrosodiphenylamine
Concen: 55.25 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	177458		
168	65.7	55.1	82.7	
167	36.6	30.0	45.0	

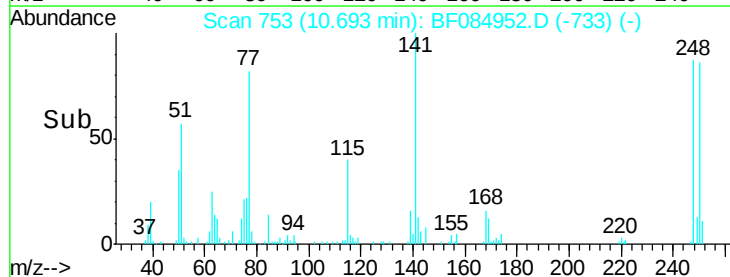
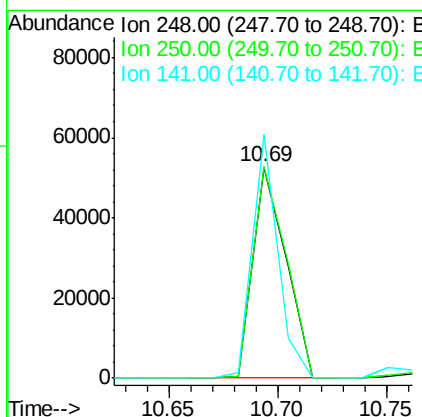
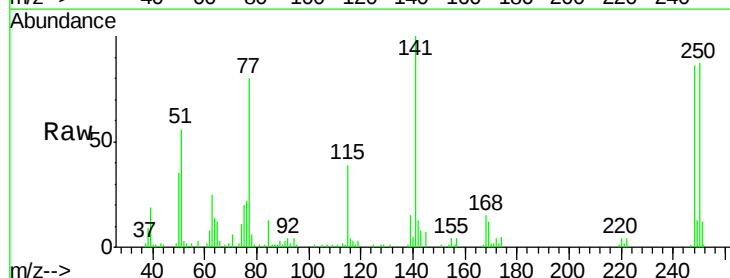
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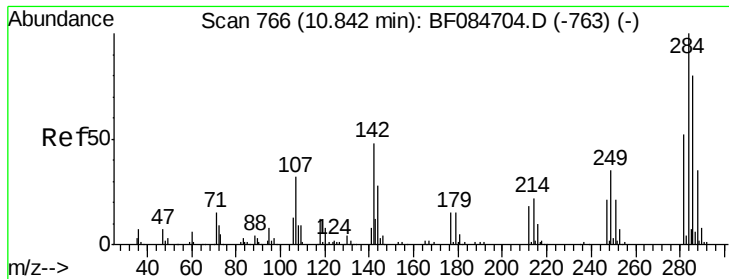
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#66
4-Bromophenyl-phenylether
Concen: 49.55 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	55358		
250	100.8	78.4	117.6	
141	115.7	44.0	66.0	





#67

Hexachlorobenzene

Concen: 54.87 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

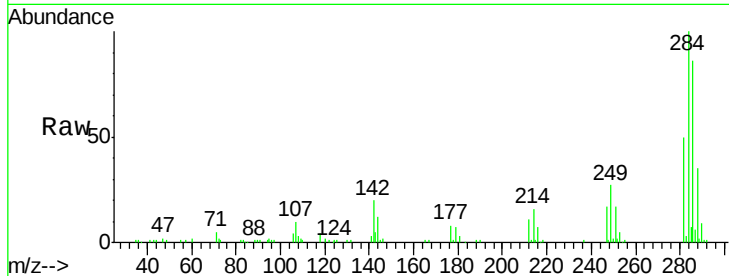
ClientSampleId :

SB03-2-3MSD

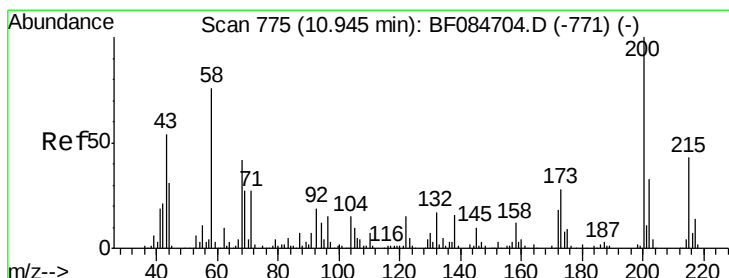
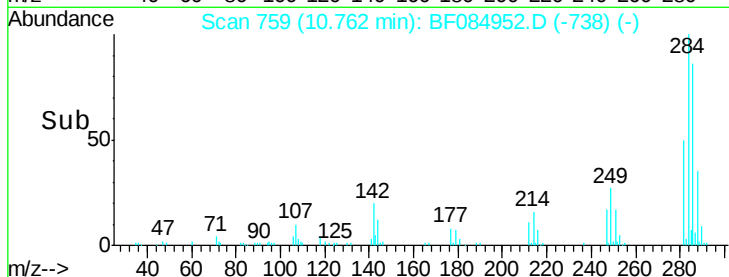
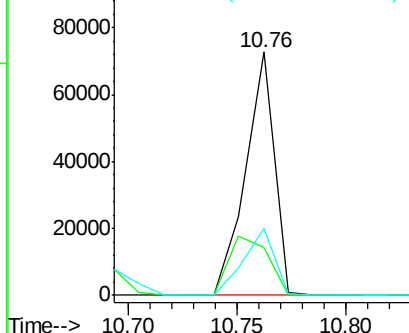
Tot Ion:	284	Resp:	66790
Ion Ratio		Lower	Upper
284	100		
142	19.6	22.2	33.4#
249	27.3	24.6	37.0

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



#68

Atrazine

Concen: 53.39 ng

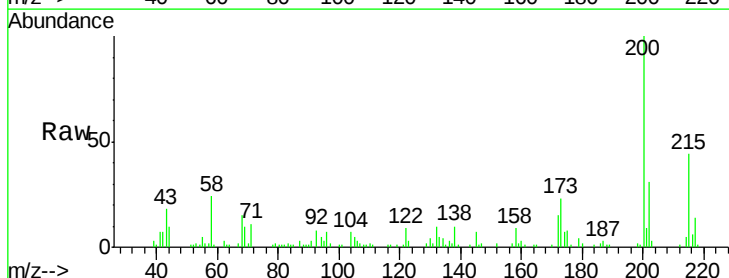
RT: 10.86 min Scan# 768

Delta R.T. -0.06 min

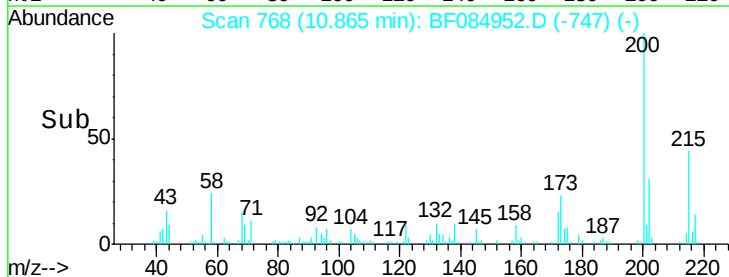
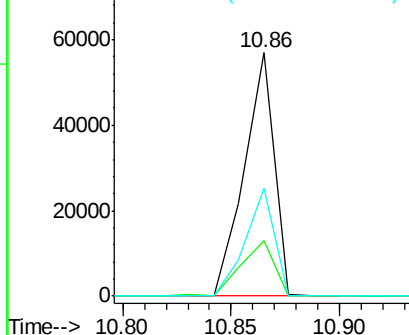
Lab File: BF084952.D

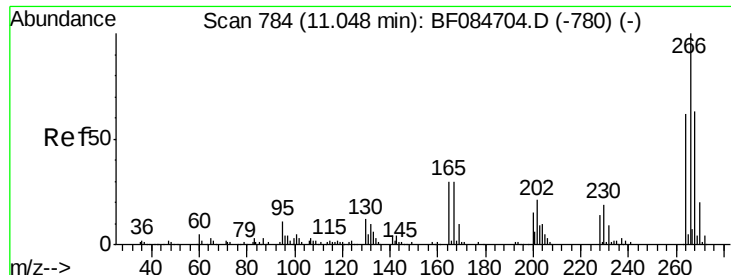
Acq: 9 Feb 2016 15:18

Tgt Ion:	200	Resp:	54155
Ion Ratio		Lower	Upper
200	100		
173	22.7	9.5	49.5
215	44.2	23.8	63.8



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





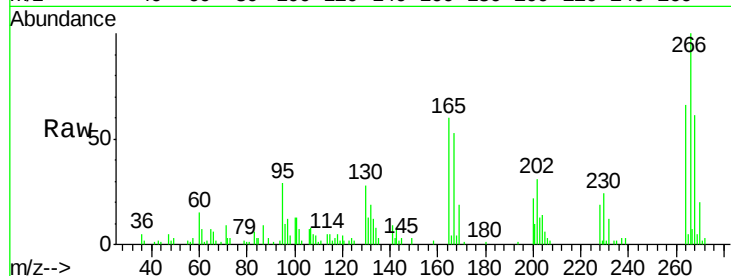
#69
 Pentachlorophenol
 Concen: 46.41 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

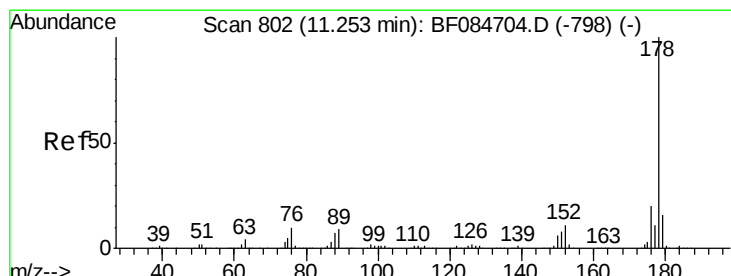
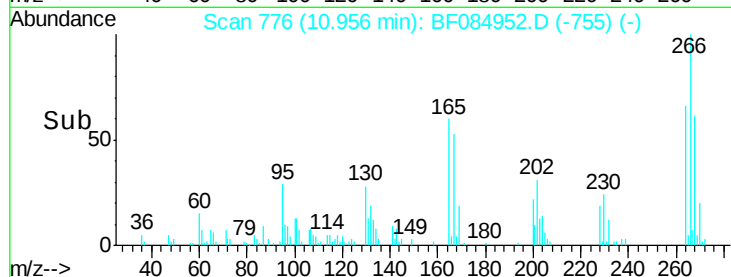
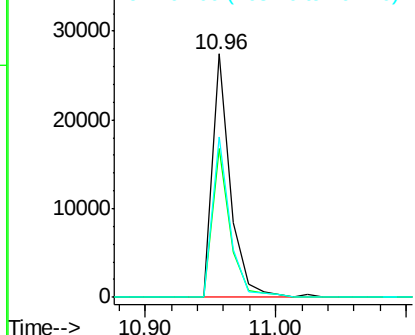
Tot Ion	Ratio	Resp	Lower	Upper
266	100	26553		
268	61.3		52.4	78.6
264	66.0		50.2	75.2

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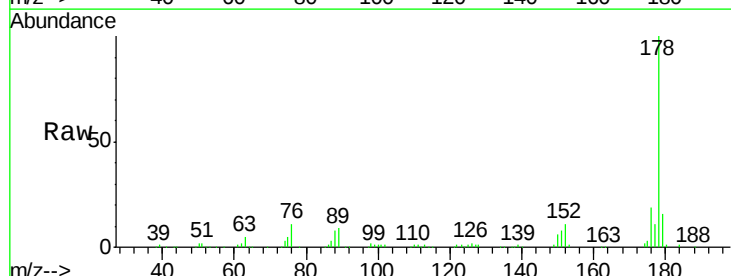


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

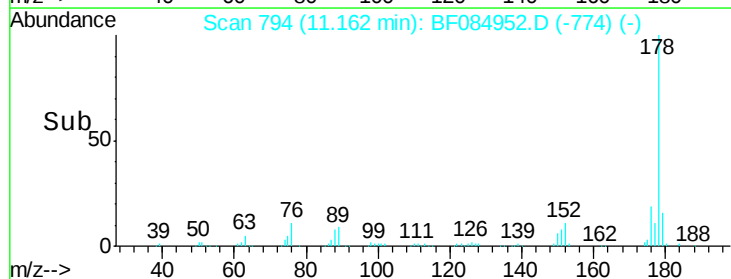
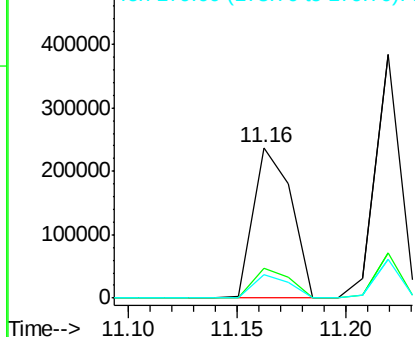


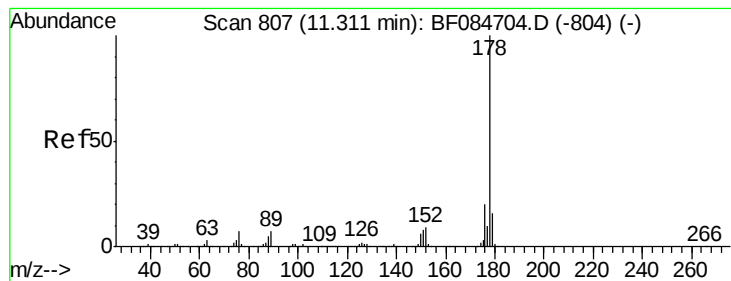
#70
 Phenanthrene
 Concen: 51.59 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	289442		
176	19.4		15.3	22.9
179	15.8		12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





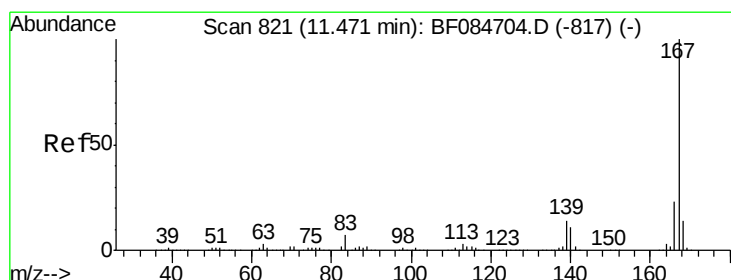
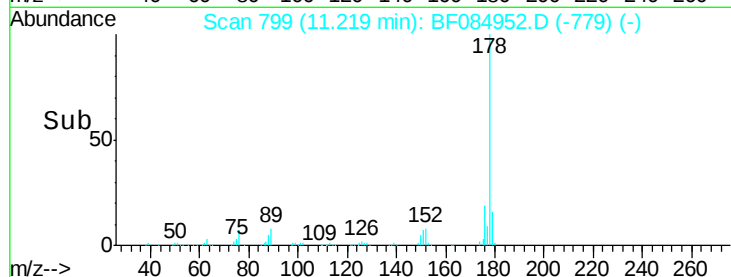
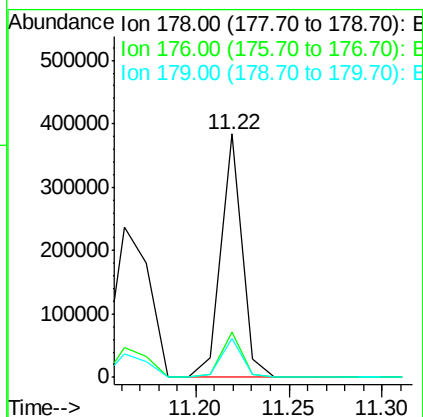
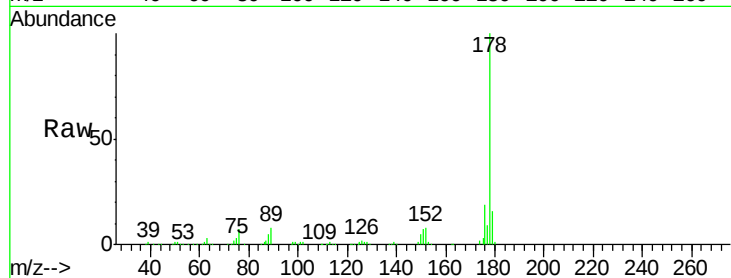
#71
 Anthracene
 Concen: 54.22 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	15.4	23.0	
179	16.0	12.5	18.7	

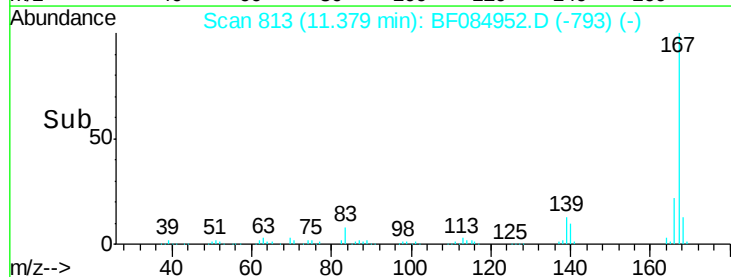
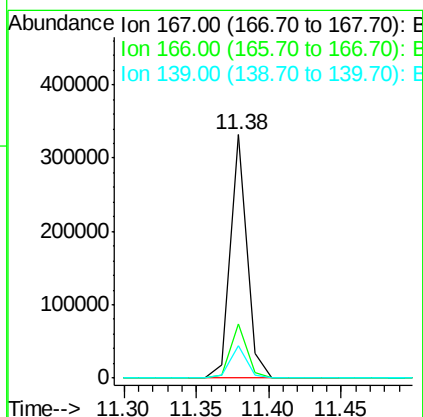
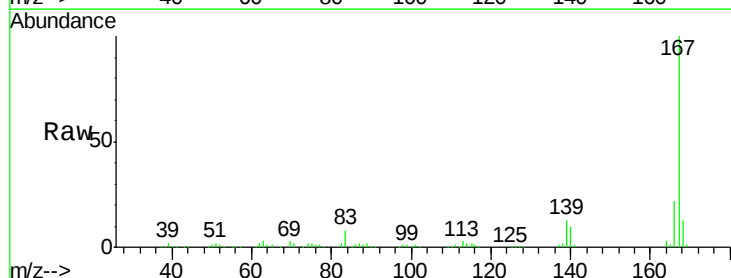
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#72
 Carbazole
 Concen: 53.68 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	17.6	26.4	
139	13.2	11.8	17.8	





#73

Di-n-butylphthalate

Concen: 50.57 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

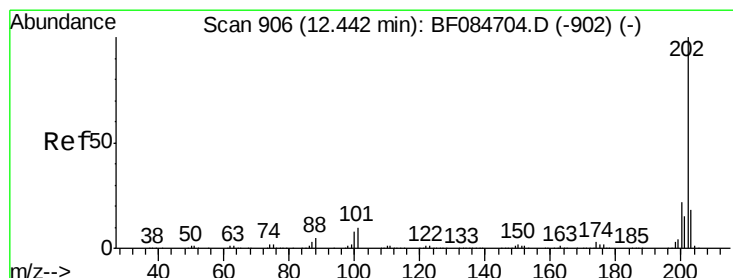
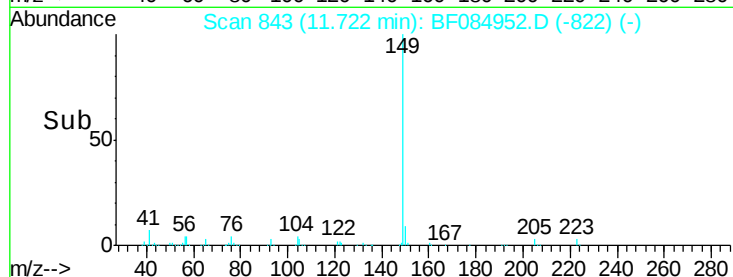
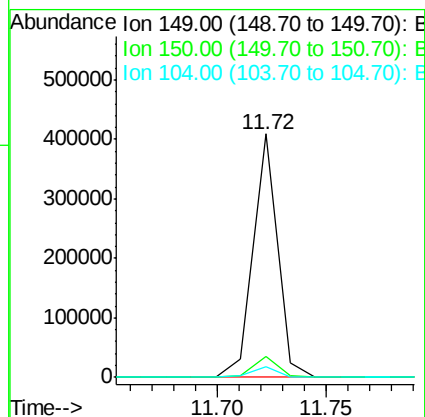
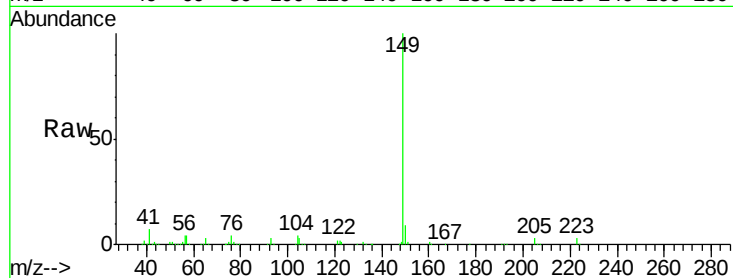
ClientSampleId :

SB03-2-3MSD

Tot Ion:	149	Resp:	317370
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.1	10.7
104	4.4	3.2	4.8

Manual Integrations
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#74

Fluoranthene

Concen: 51.43 ng

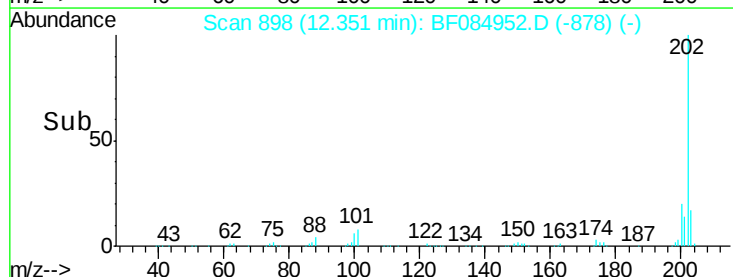
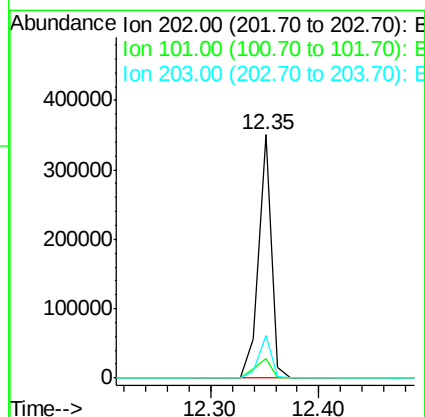
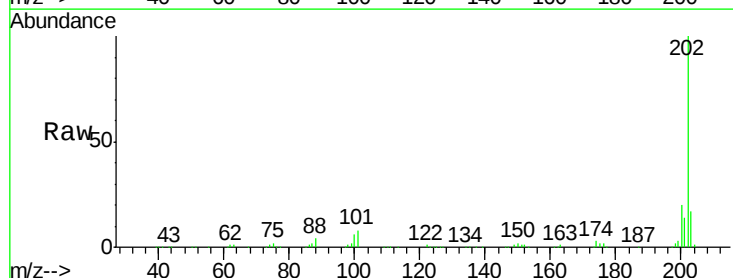
RT: 12.35 min Scan# 898

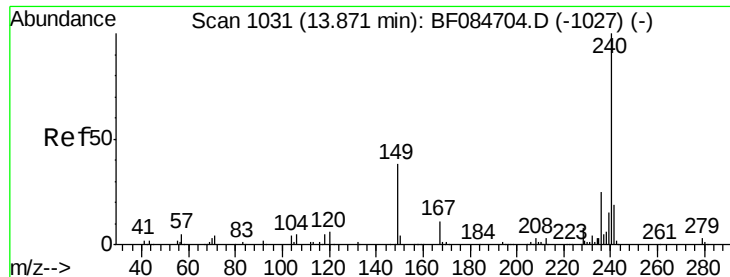
Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	202	Resp:	292008
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	32.8
203	17.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

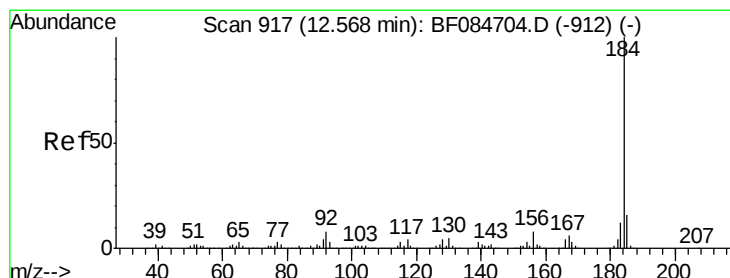
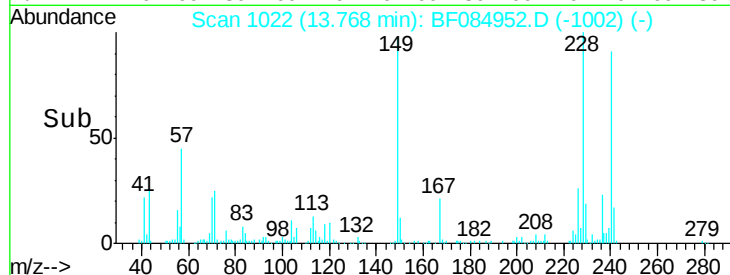
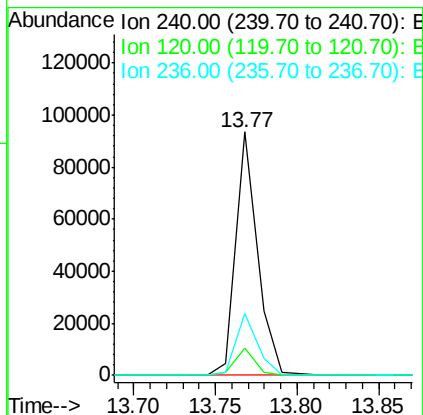
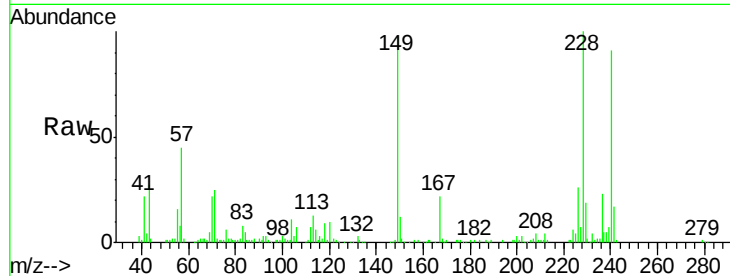
ClientSampleId :

SB03-2-3MSD

Tot Ion:	240	Resp:	85021
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.6	20.6	31.0

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#76

Benzidine

Concen: 20.09 ng

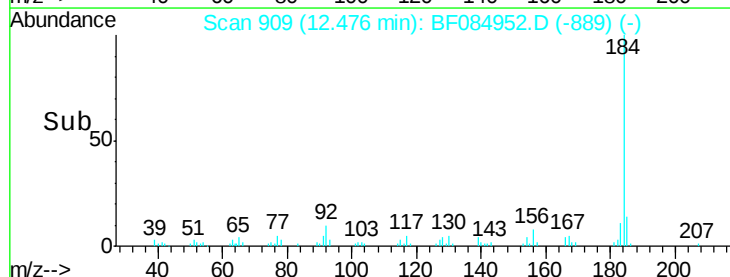
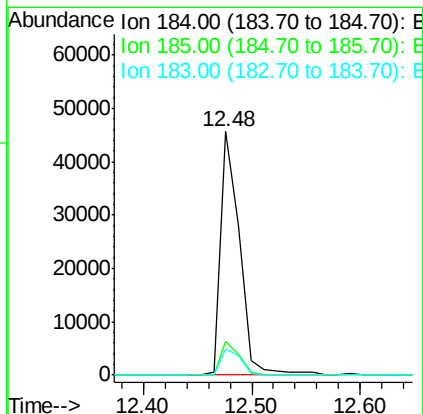
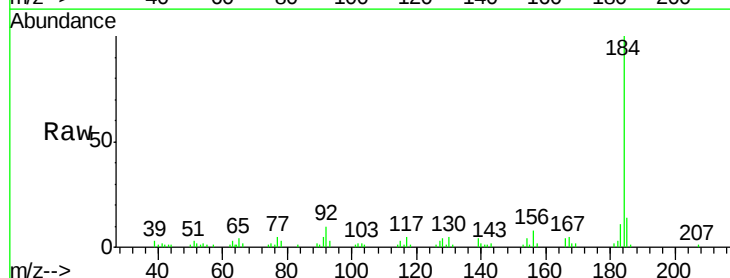
RT: 12.48 min Scan# 909

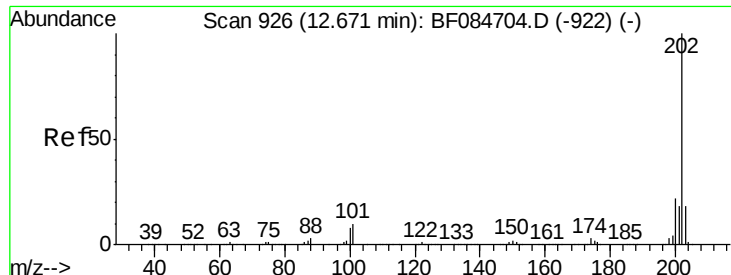
Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	184	Resp:	55090
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	10.6	9.8	14.8





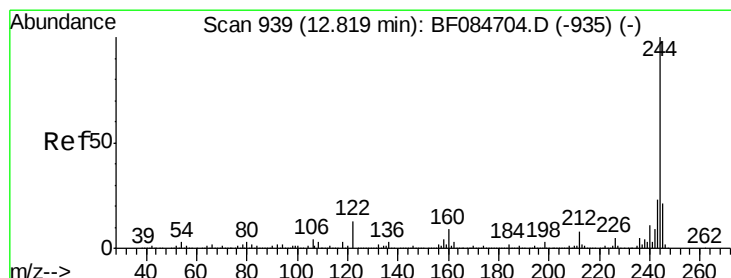
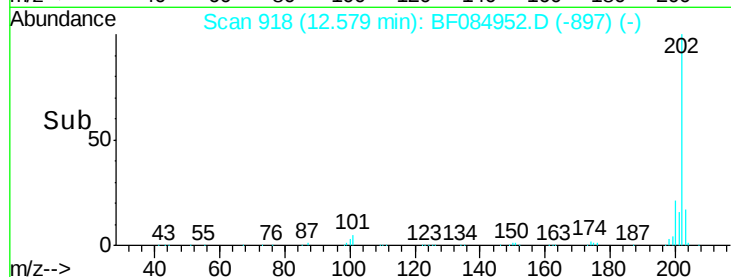
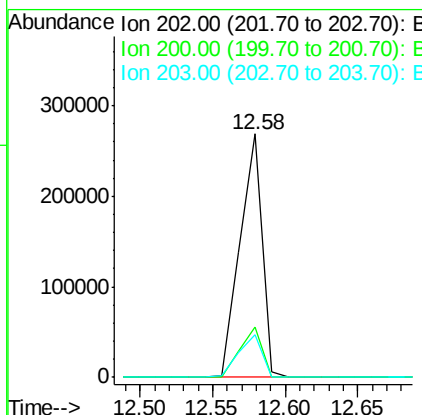
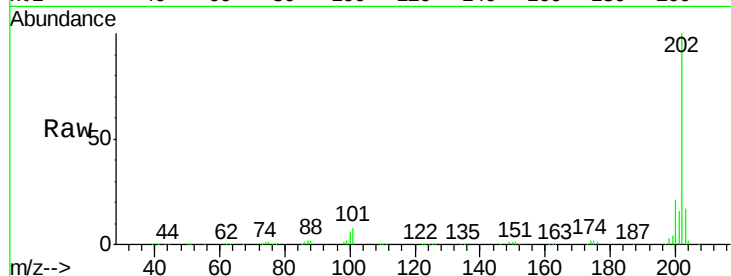
#77
Pvrene
Concen: 43.81 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.2	25.8
203	17.3	14.3	21.5

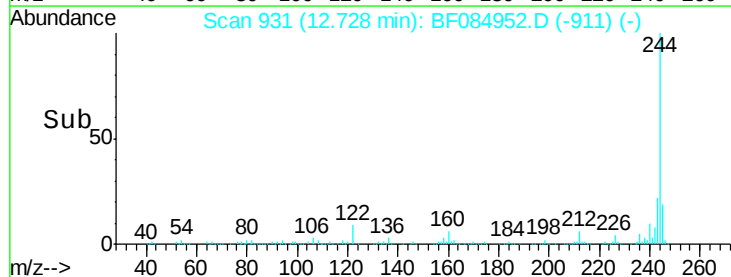
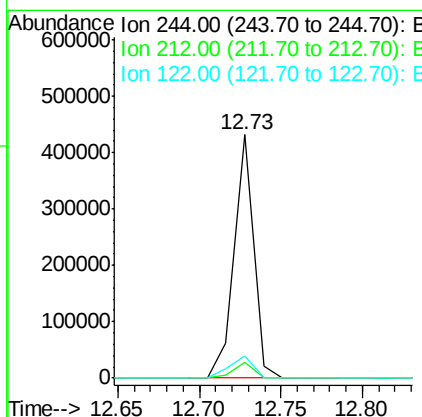
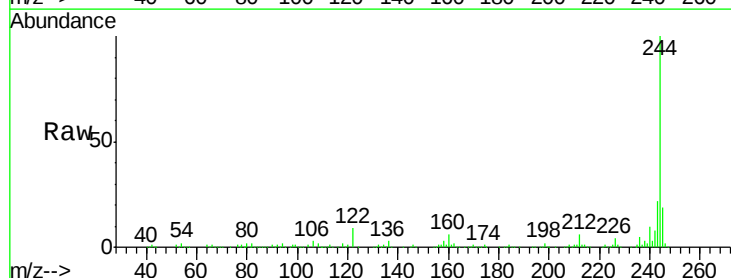
Manual Integrations
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#78
Terphenyl-d14
Concen: 94.36 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.7	8.5
122	9.0	7.4	11.0





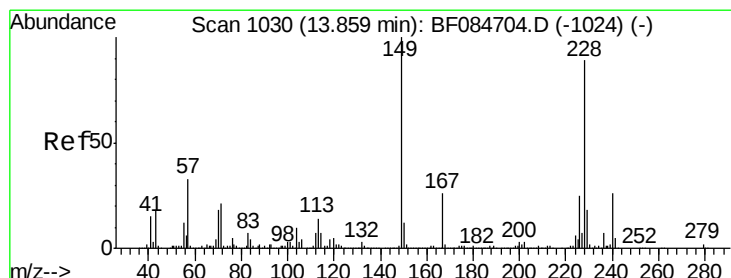
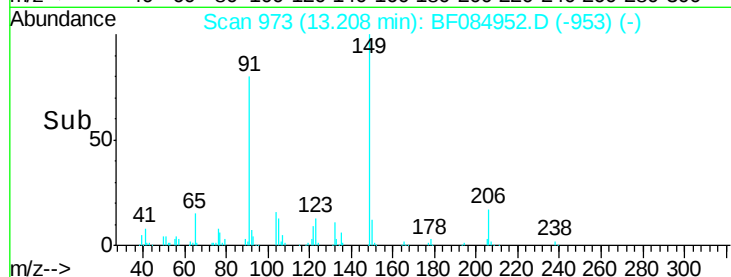
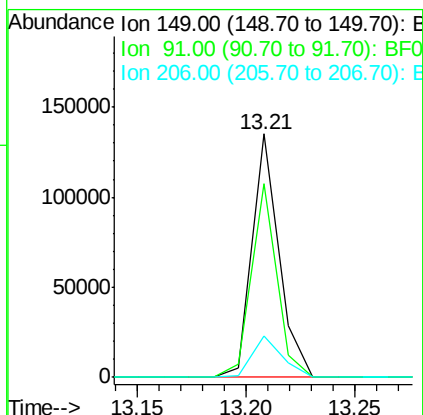
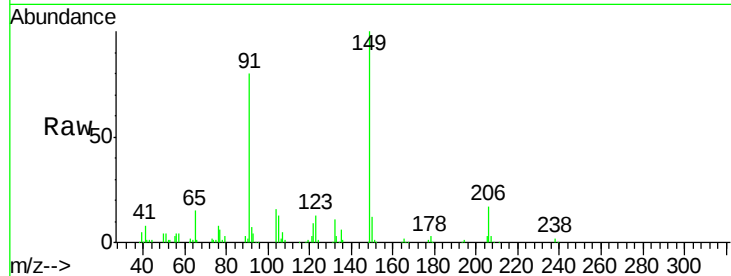
#79
Butylbenzylphthalate
Concen: 39.41 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	116367		
91	79.7	57.6	86.4	
206	16.7	13.2	19.8	

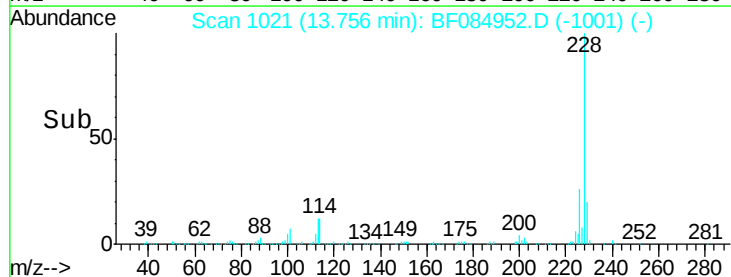
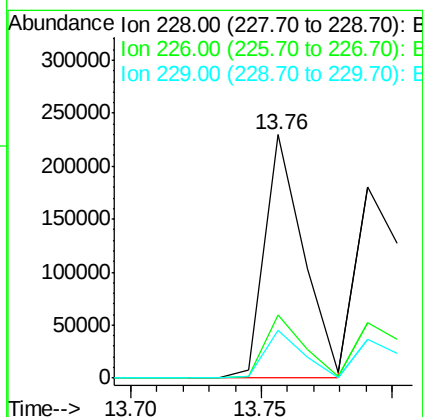
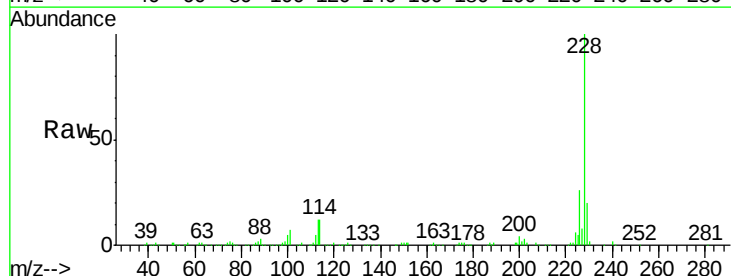
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 13.76 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	237639		
226	25.9	21.8	32.6	
229	19.5	15.8	23.8	





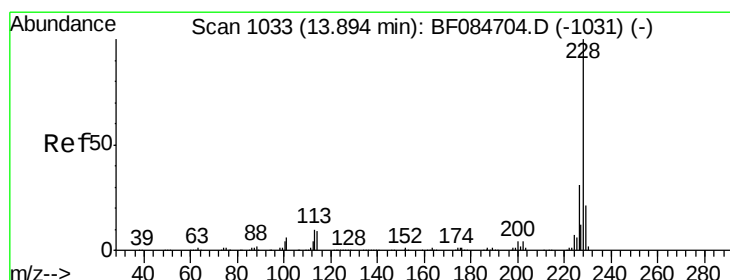
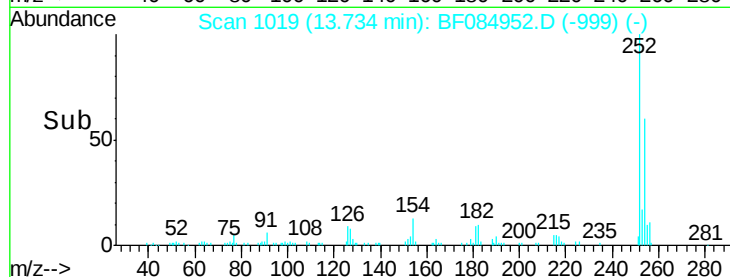
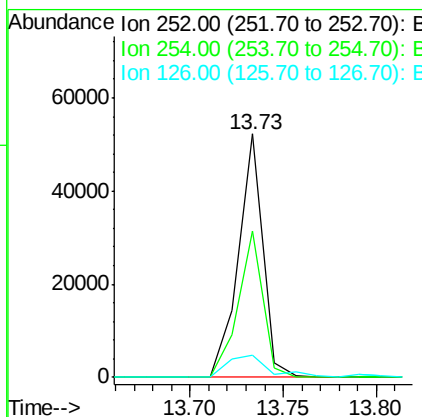
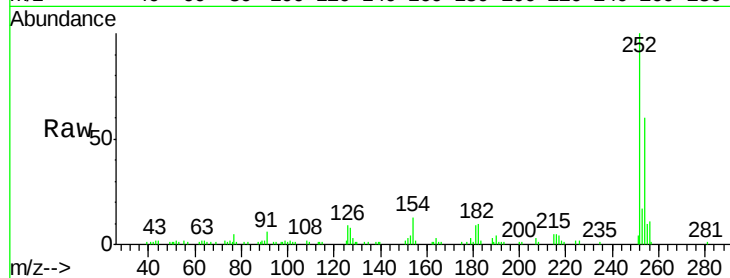
#81
 3,3'-Dichlorobenzidine
 Concen: 25.77 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.3	53.5	80.3
126	9.2	4.9	7.3

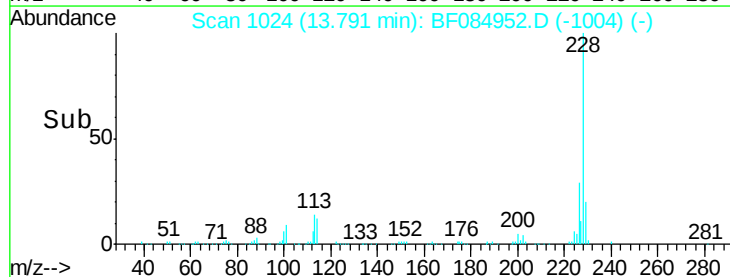
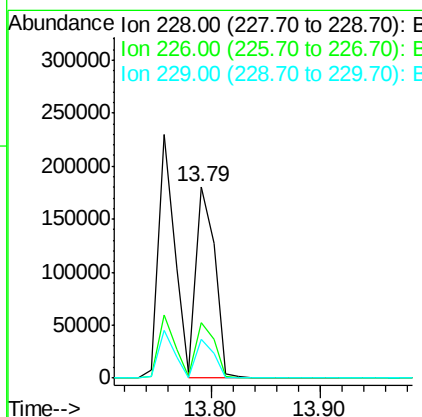
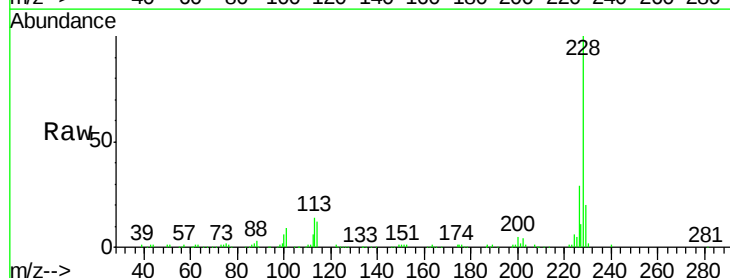
Manual Integrations
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#82
 Chrysene
 Concen: 42.39 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	20.5	16.1	24.1





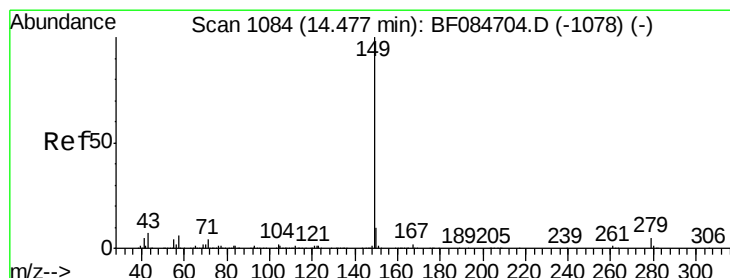
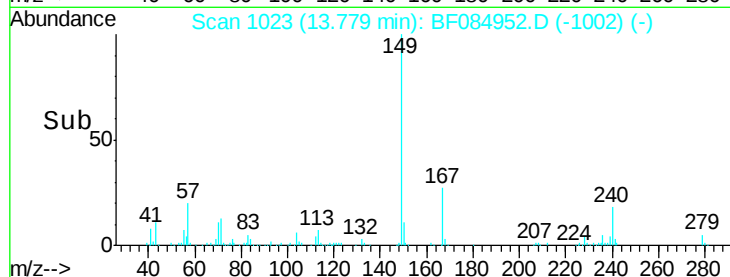
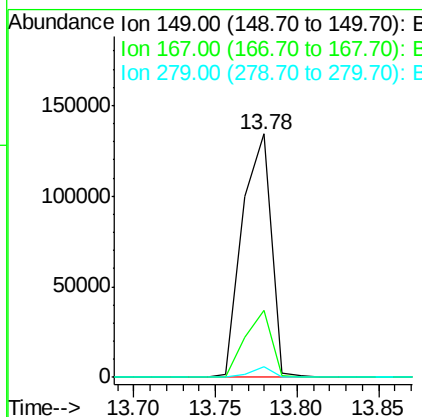
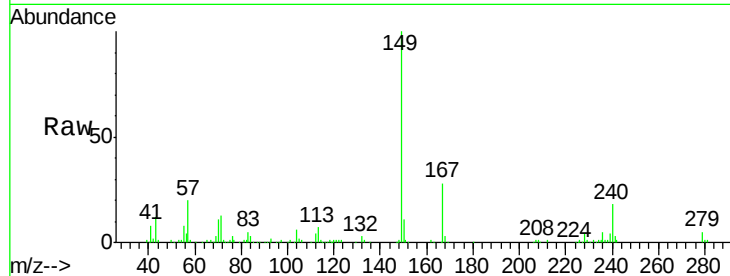
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.68 ng
 RT: 13.78 min Scan# 1023
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	164203		
167	27.7	19.7	29.5	
279	4.6	1.8	2.6	

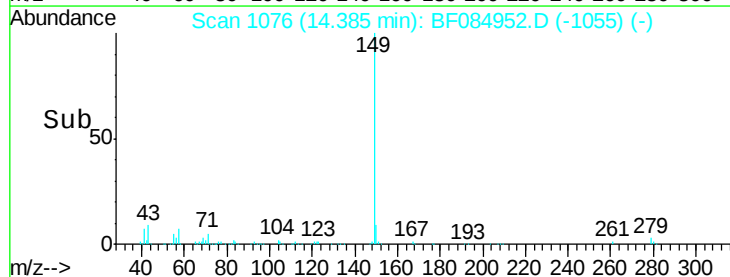
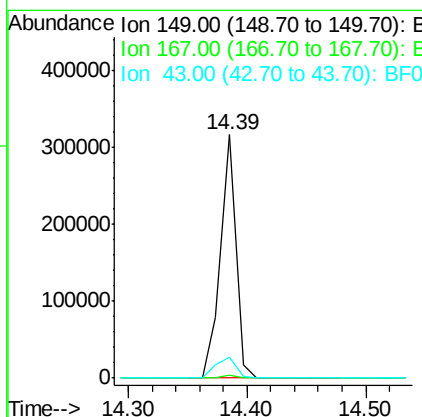
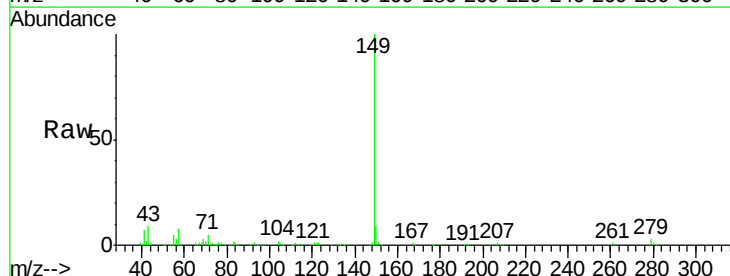
Manual Integrations
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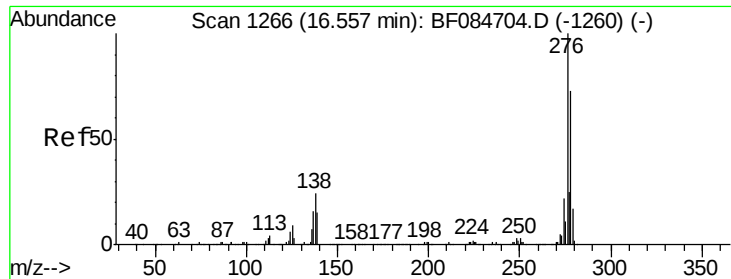
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#84
 Di-n-octyl phthalate
 Concen: 47.02 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	285049		
167	1.6	1.2	1.8	
43	10.9	5.6	8.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.80 ng

RT: 16.39 min Scan# 1251

Delta R.T. -0.11 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

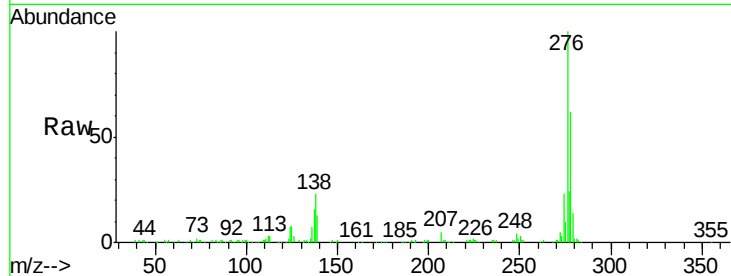
ClientSampleId :

SB03-2-3MSD

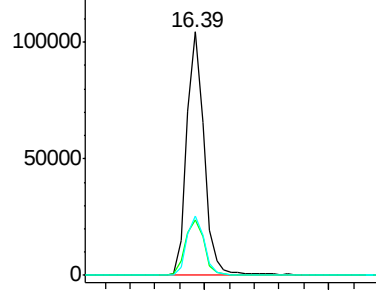
Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	24.7		20.6	30.8	
277	24.5		20.1	30.1	

Manual Integrations
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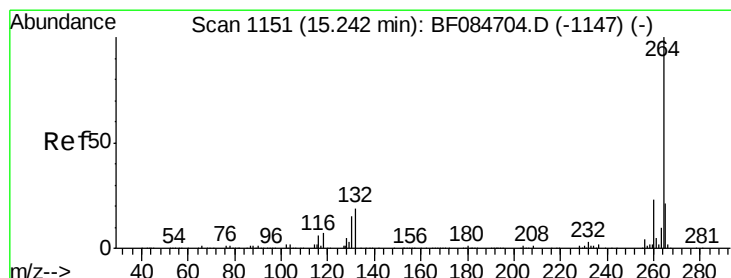
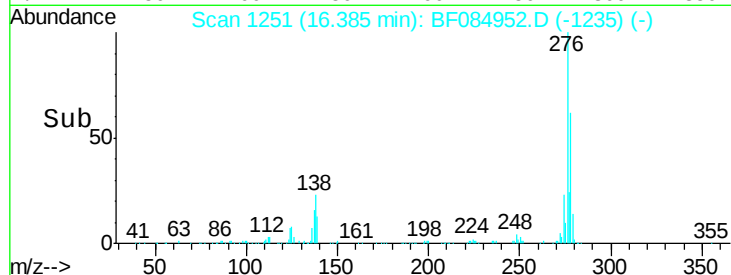
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

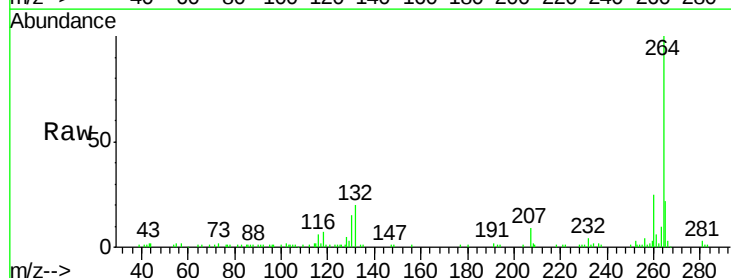
RT: 15.13 min Scan# 1141

Delta R.T. -0.08 min

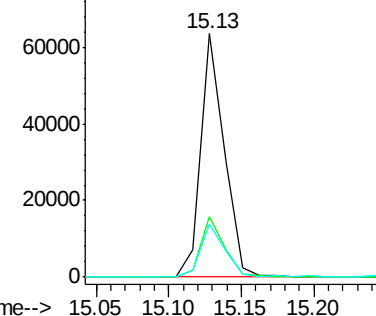
Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

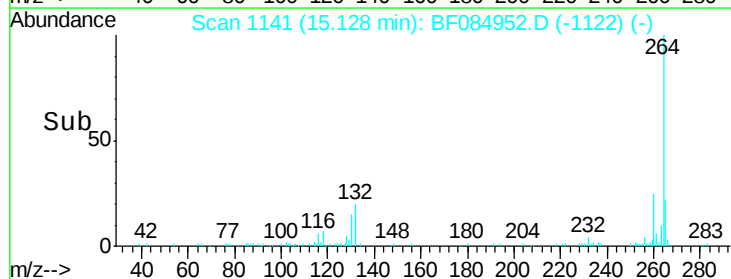
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.7		19.4	29.2	
265	22.0		17.8	26.6	

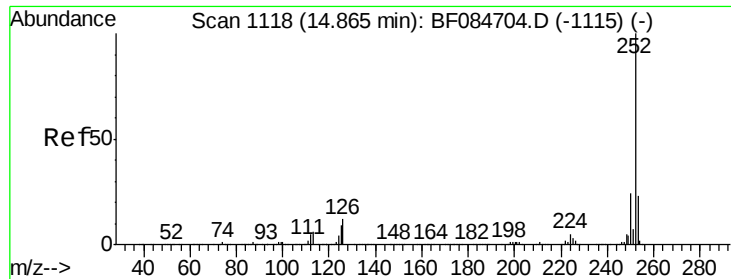


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 47.43 ng m

RT: 14.76 min Scan# 1109

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

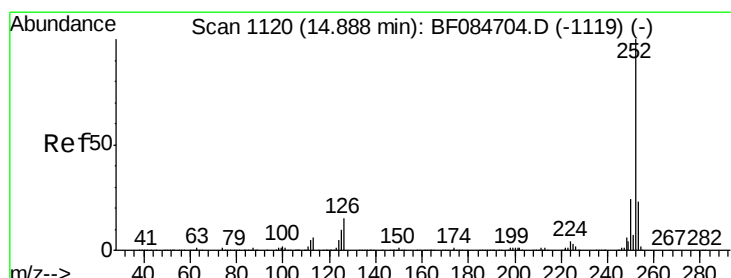
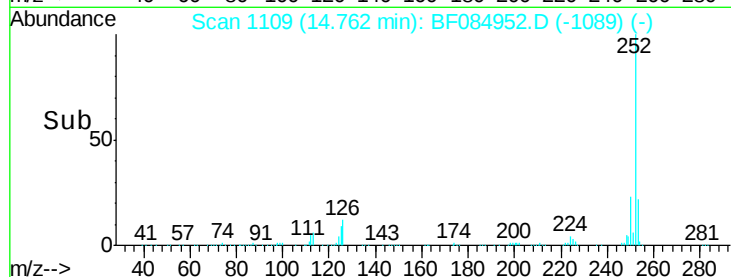
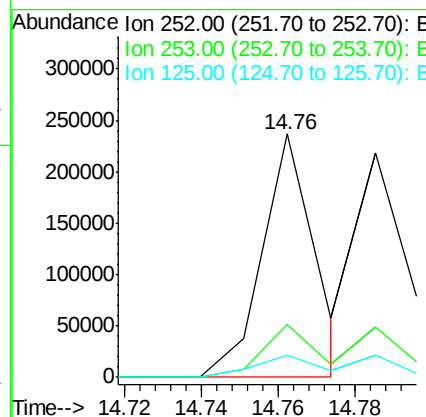
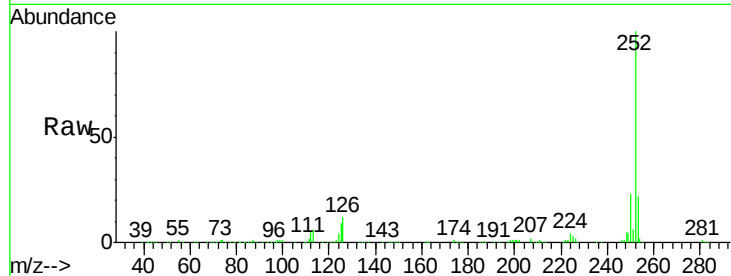
ClientSampleId :

SB03-2-3MSD

Tot Ion:	252	Resp:	227872
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	9.2	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 52.78 ng m

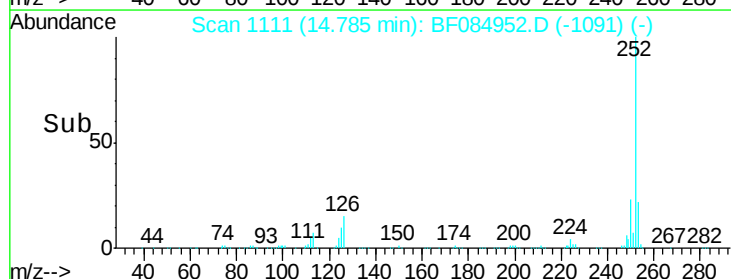
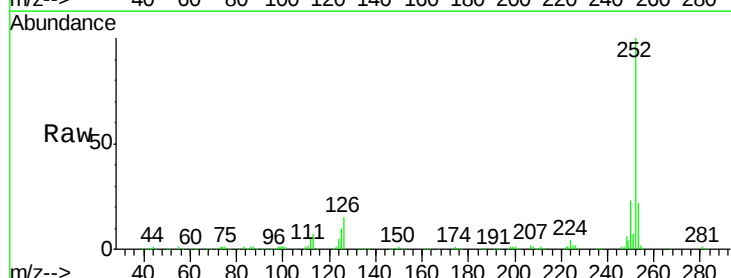
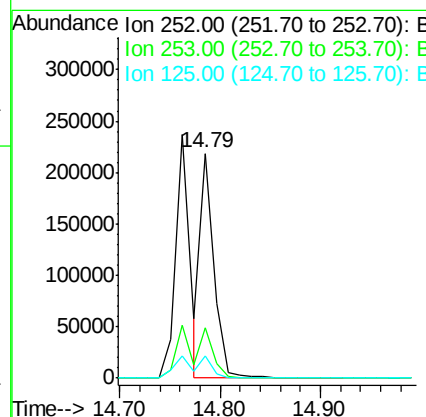
RT: 14.79 min Scan# 1111

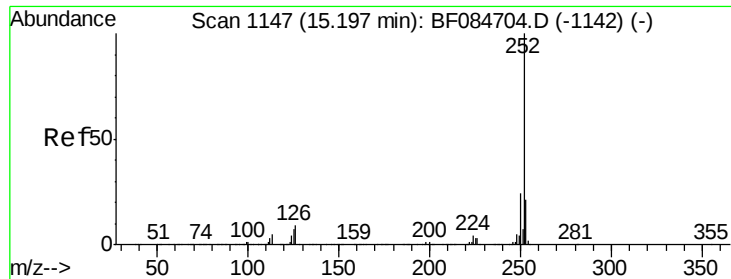
Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:	252	Resp:	209673
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	9.8	9.0	13.6





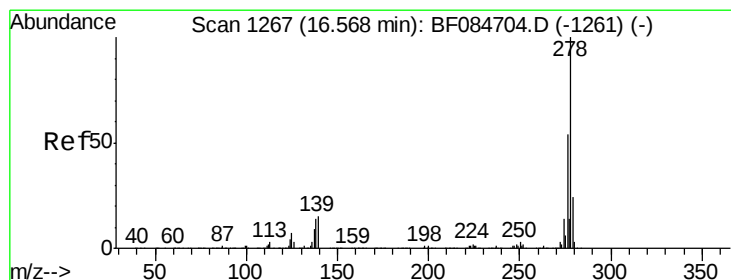
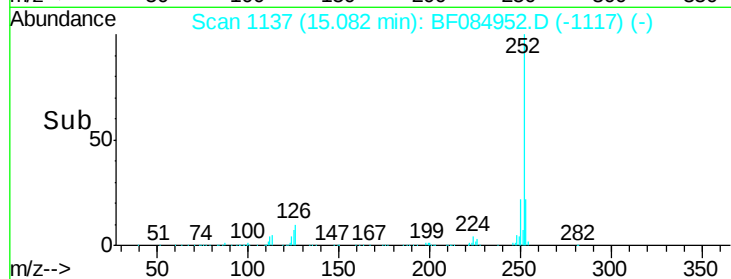
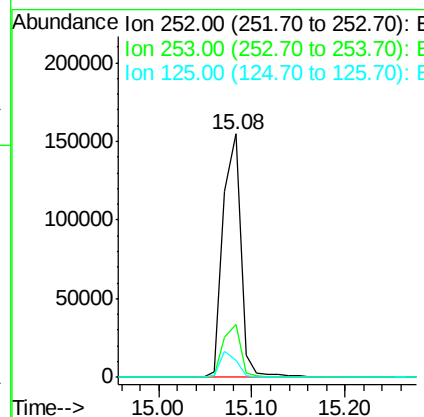
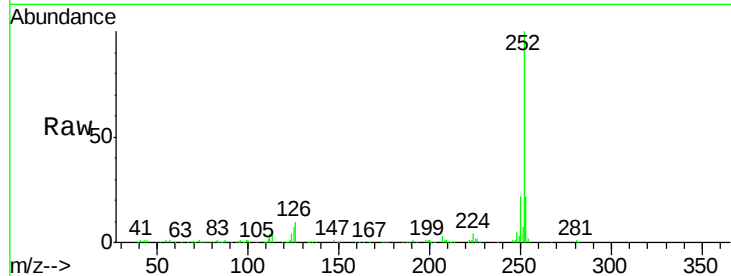
#89
Benzo(a)pyrene
Concen: 50.49 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.3	25.9
125	7.0	7.0	10.4

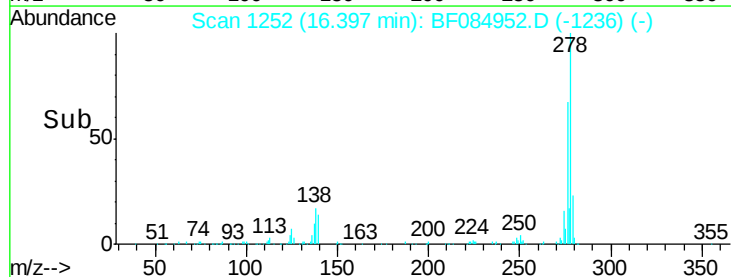
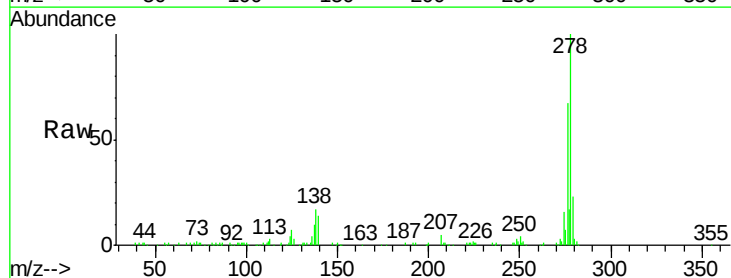
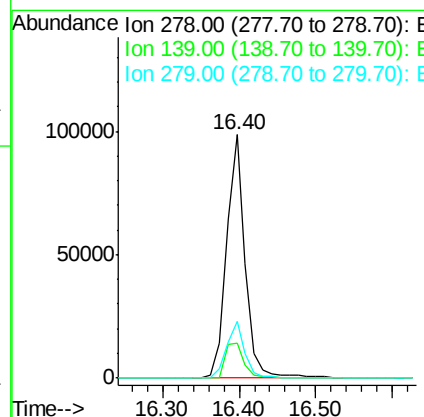
Manual Integrations
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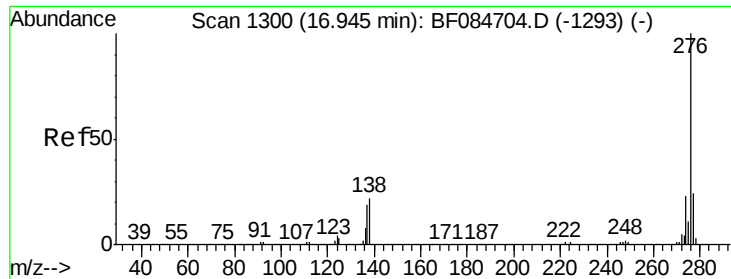
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#90
Dibenzo(a,h)anthracene
Concen: 48.93 ng
RT: 16.40 min Scan# 1252
Delta R.T. -0.11 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.4	15.0	22.4#
279	23.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 47.01 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.13 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.7	18.8	28.2
138	17.4	17.8	26.6

Manual Integrations
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