

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084954.D
 Acq On : 9 Feb 2016 16:14
 Operator : SJ/IZ
 Sample : PB88264BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:58 PM

Quant Time: Feb 10 04:00:11 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	161723	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	653732	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	309633	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	589057	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	434960	20.00	ng	-0.06
86) Perylene-d12	15.14	264	331598	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1166810	112.38	ng	-0.05
7) Phenol-d6	6.29	99	1455583	113.08	ng	-0.05
23) Nitrobenzene-d5	7.21	82	883138	76.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	403058	124.80	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1543955	83.45	ng	-0.06
78) Terphenyl-d14	12.74	244	1689669	88.03	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	146228	32.15	ng	# 76
3) Pyridine	2.83	79	439778	37.11	ng	# 75
4) n-Nitrosodimethylamine	2.78	42	238399	38.90	ng	# 80
6) Aniline	6.30	93	285791	18.14	ng	# 1
8) 2-Chlorophenol	6.42	128	443982	37.78	ng	# 88
9) Benzaldehyde	6.18	77	126937	16.70	ng	# 88
10) Phenol	6.30	94	455830	31.61	ng	# 85
11) bis(2-Chloroethyl)ether	6.38	93	470253m	41.82	ng	
12) 1,3-Dichlorobenzene	6.57	146	452396m	36.43	ng	
13) 1,4-Dichlorobenzene	6.65	146	455896	36.73	ng	97
14) 1,2-Dichlorobenzene	6.81	146	462223	39.98	ng	97
15) Benzyl Alcohol	6.80	79	408689	45.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	719334	38.03	ng	63
17) 2-Methylphenol	6.92	107	377869	40.65	ng	# 90
18) Hexachloroethane	7.15	117	185635	38.83	ng	# 83
19) n-Nitroso-di-n-propylamine	7.07	70	331363	41.07	ng	# 82
20) 3+4-Methylphenols	7.07	107	467027	40.48	ng	# 86
22) Acetophenone	7.06	105	658009	38.19	ng	# 98
24) Nitrobenzene	7.23	77	516417	41.56	ng	93
25) Isophorone	7.47	82	879384	38.97	ng	98
26) 2-Nitrophenol	7.55	139	247939	40.45	ng	89
27) 2,4-Dimethylphenol	7.60	122	402039	37.71	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	551210	41.17	ng	99
29) 2,4-Dichlorophenol	7.79	162	378549	41.50	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	420749	40.84	ng	# 96
31) Naphthalene	7.94	128	1262365	38.50	ng	99
32) Benzoic acid	7.74	122	269949	39.59	ng	95
33) 4-Chloroaniline	8.01	127	146671	10.81	ng	# 90
34) Hexachlorobutadiene	8.06	225	224513	37.79	ng	99
35) Caprolactam	8.38	113	126132m	44.86	ng	
36) 4-Chloro-3-methylphenol	8.50	107	432103	41.52	ng	94
37) 2-Methylnaphthalene	8.64	142	881019	42.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	366975	37.32	ng	99
40) Hexachlorocyclopentadiene	8.78	237	327358	76.70	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	260412	41.11	nq	94
43) 2,4,5-Trichlorophenol	8.97	196	266853	41.46	nq #	93
45) 1,1'-Biphenyl	9.10	154	1121400	40.55	nq	96
46) 2-Chloronaphthalene	9.13	162	811218	39.83	nq #	86
47) 2-Nitroaniline	9.23	65	288882	44.80	nq #	78
48) Acenaphthylene	9.54	152	1270597	41.11	nq	99
49) Dimethylphthalate	9.41	163	921991	39.10	nq #	90
50) 2,6-Dinitrotoluene	9.47	165	190208	36.92	nq #	50
51) Acenaphthene	9.71	154	791126	39.34	nq	97
52) 3-Nitroaniline	9.64	138	103004	17.79	nq #	71
53) 2,4-Dinitrophenol	9.76	184	199968	83.80	nq	86
54) Dibenzofuran	9.88	168	1130902	46.02	nq	98
55) 4-Nitrophenol	9.82	139	291566	68.53	nq #	78
56) 2,4-Dinitrotoluene	9.88	165	275482	41.92	nq #	86
57) Fluorene	10.22	166	864031	42.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	218222	44.53	nq	88
59) Diethylphthalate	10.11	149	947864	41.16	nq	100
60) 4-Chlorophenyl-phenylether	10.21	204	367803	42.21	nq	94
61) 4-Nitroaniline	10.26	138	232294	41.18	nq #	76
62) Azobenzene	10.37	77	983929	44.44	nq	90
64) 4,6-Dinitro-2-methylphenol	10.28	198	139113	38.26	nq #	61
65) n-Nitrosodiphenylamine	10.34	169	813098	43.47	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	280385	43.10	nq	95
67) Hexachlorobenzene	10.76	284	272713	38.47	nq #	87
68) Atrazine	10.88	200	287382	48.65	nq	96
69) Pentachlorophenol	10.97	266	237268	71.22	nq	100
70) Phenanthrene	11.17	178	1291962	39.54	nq	97
71) Anthracene	11.23	178	1399005	42.50	nq	100
72) Carbazole	11.39	167	1254206	43.69	nq	98
73) Di-n-butylphthalate	11.72	149	1392053	38.09	nq #	97
74) Fluoranthene	12.35	202	1271682	38.46	nq	98
76) Benzidine	12.49	184	350939	23.74	nq	96
77) Pyrene	12.58	202	1291921	38.79	nq	99
79) Butylbenzylphthalate	13.22	149	623831	41.29	nq #	82
80) Benzo(a)anthracene	13.77	228	1155590	42.81	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	159531	16.69	nq #	97
82) Chrysene	13.80	228	857750	32.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	772687	41.10	nq #	96
84) Di-n-octyl phthalate	14.39	149	1169891	37.72	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	804639	39.05	nq	99
87) Benzo(b)fluoranthene	14.77	252	1061585m	47.65	nq	
88) Benzo(k)fluoranthene	14.80	252	678295m	36.82	nq	
89) Benzo(a)pyrene	15.08	252	770132	40.57	nq #	96
90) Dibenzo(a,h)anthracene	16.41	278	667822	41.79	nq #	95
91) Benzo(g,h,i)perylene	16.77	276	696937	43.30	nq	95

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



#1

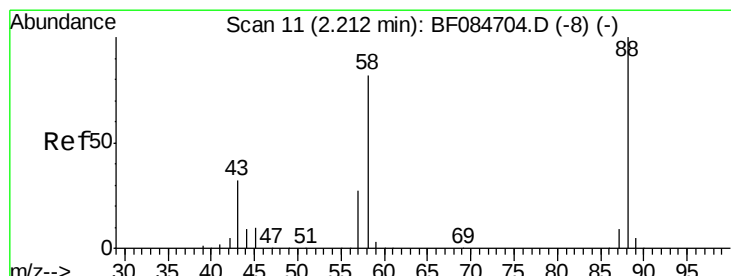
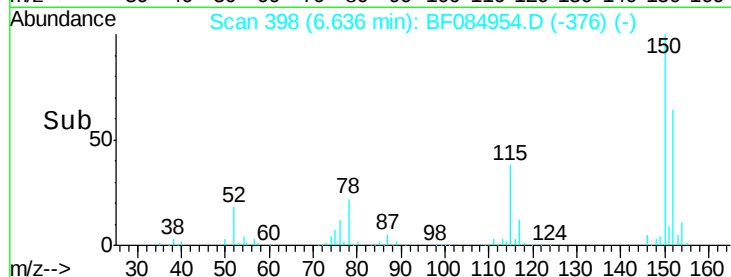
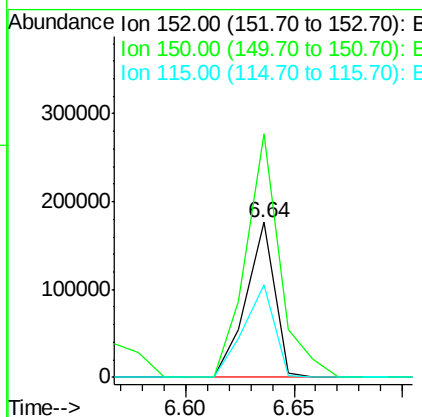
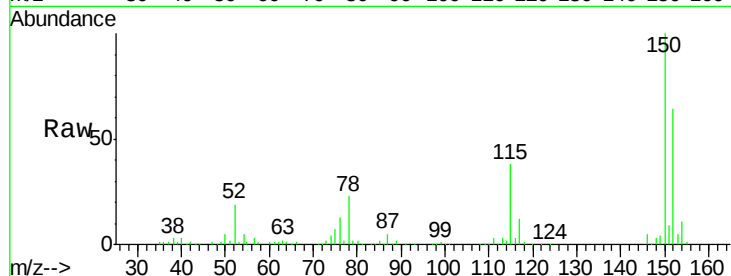
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	60.0	51.4	77.2

Manual Integrations
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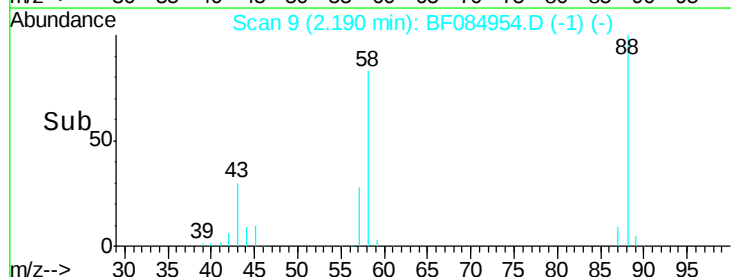
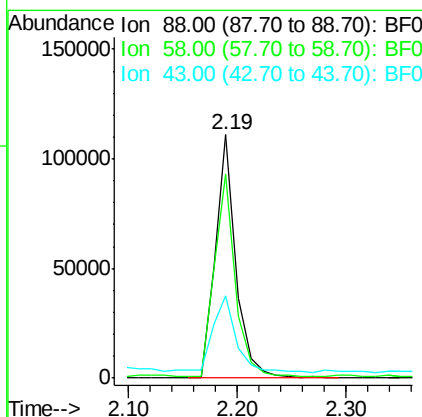
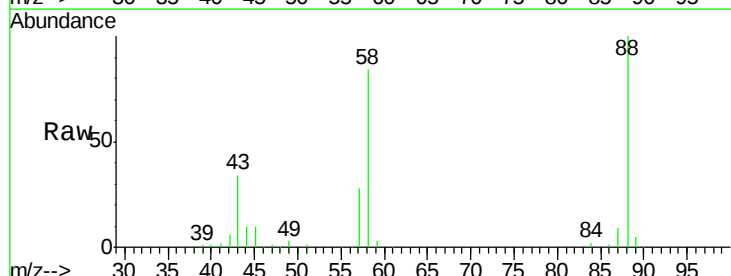
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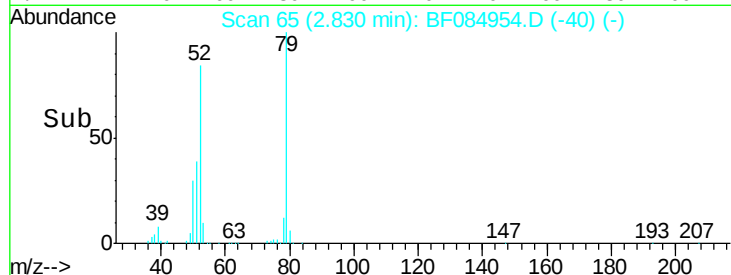
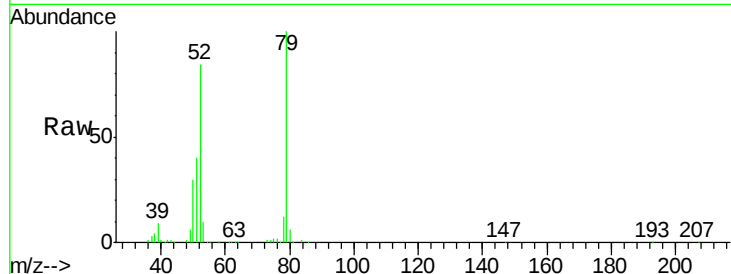
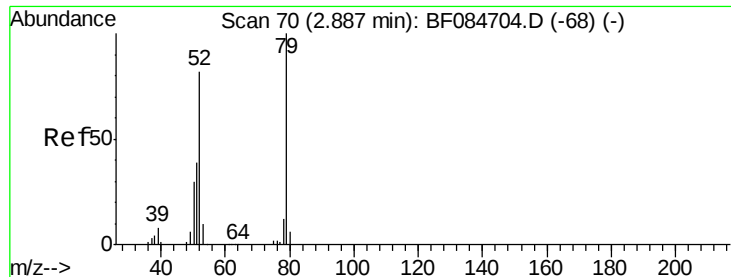


#2

1,4-Dioxane
Concen: 32.15 ng
RT: 2.19 min Scan# 9
Delta R.T. 0.01 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	51.2	76.8#
43	35.6	19.5	29.3#





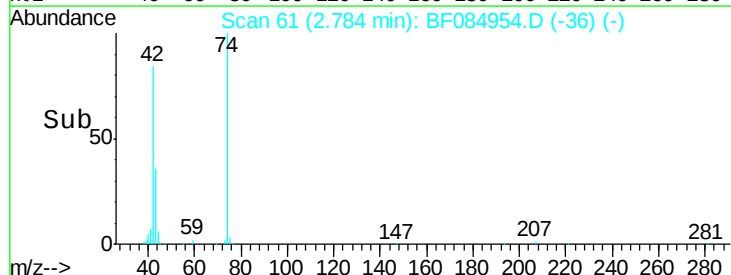
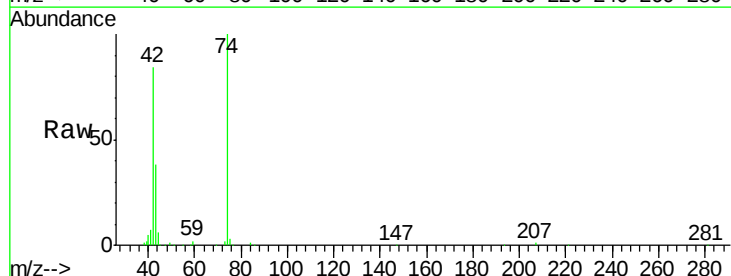
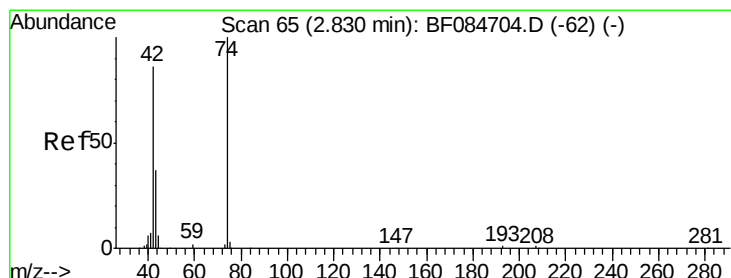
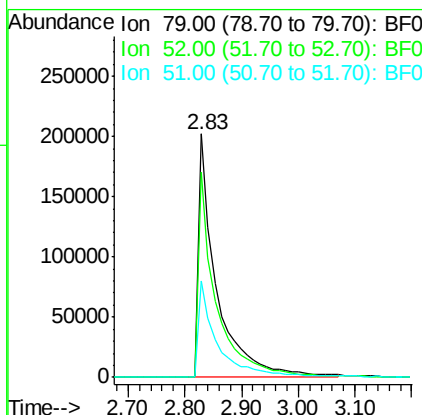
#3
 Pvridine
 Concen: 37.11 ng
 RT: 2.83 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.5	49.0	73.4#
51	39.8	25.2	37.8#

Instrument :
 BNA_F
 ClientSampled :
 PB88264BS

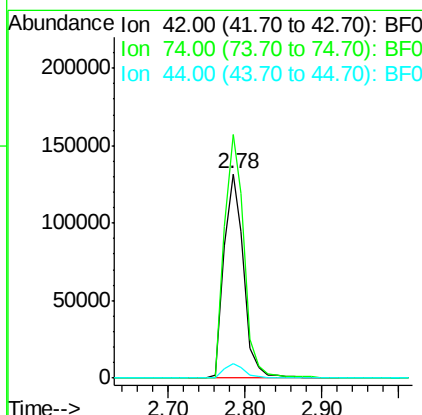
Manual Integrations
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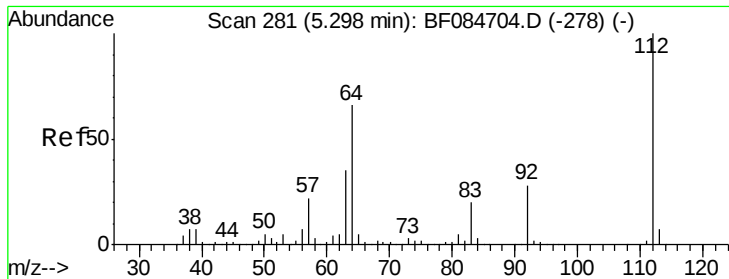
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#4
 n-Nitrosodimethylamine
 Concen: 38.90 ng
 RT: 2.78 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.2	115.7	173.5
44	7.0	5.1	7.7





#5

2-Fluorophenol

Concen: 112.38 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tot Ion: 112 Resp: 1166810

Ion Ratio Lower Upper

112 100

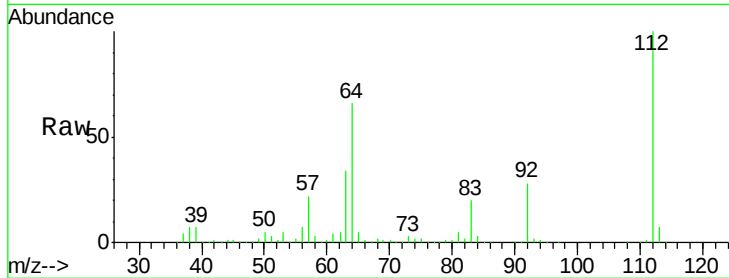
64 66.0 36.6 55.0#

63 34.5 19.4 29.0#

Manual Integrations
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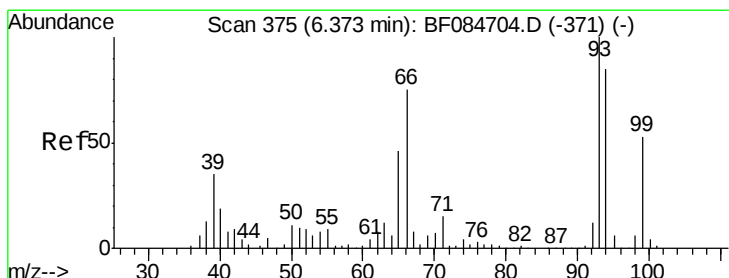
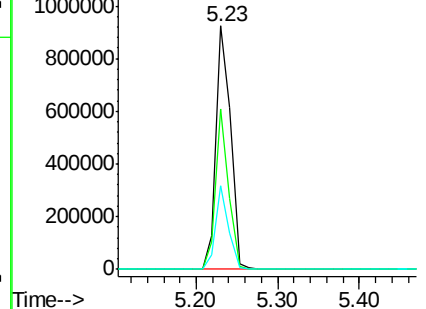
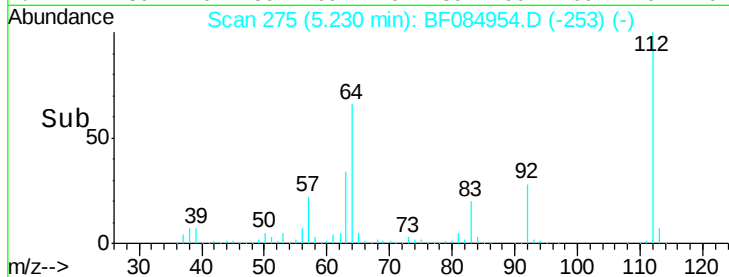
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.14 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

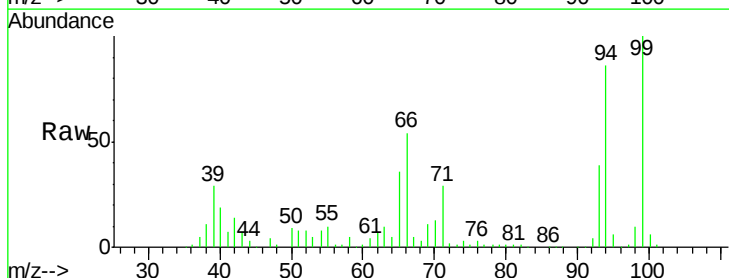
Tgt Ion: 93 Resp: 285791

Ion Ratio Lower Upper

93 100

66 140.2 44.9 67.3#

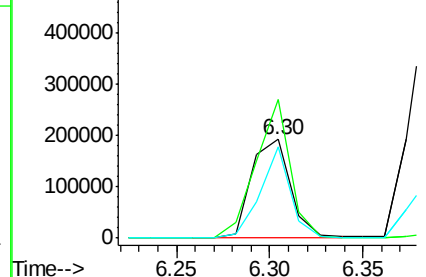
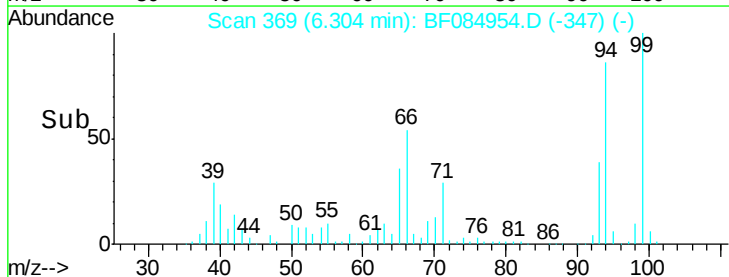
65 92.3 23.7 35.5#

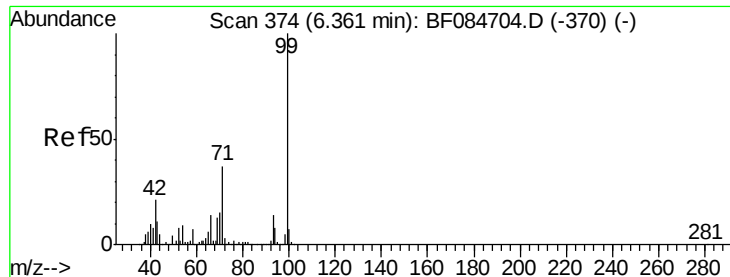


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.08 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampled :

PB88264BS

Tot Ion: 99 Resp: 1455583

Ion Ratio Lower Upper

99 100

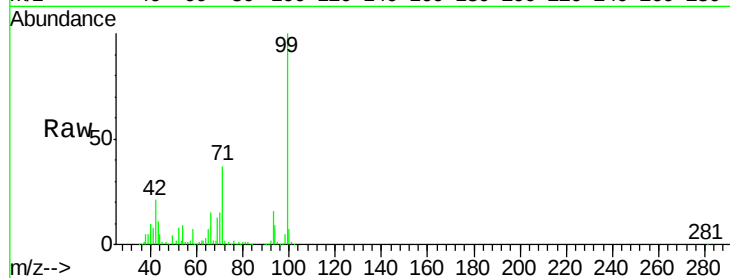
42 20.8 12.8 19.2#

71 37.3 30.9 46.3

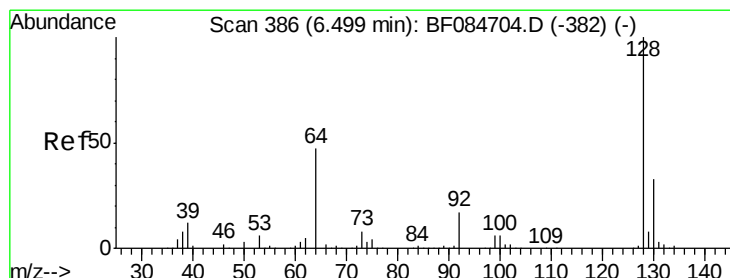
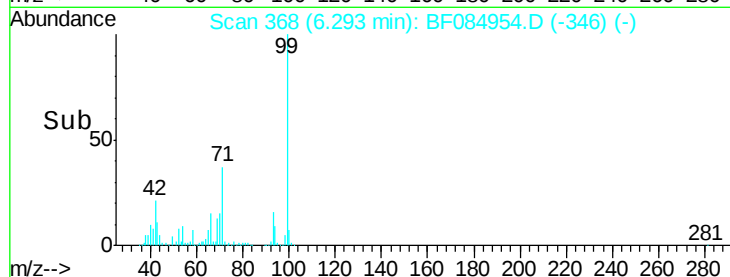
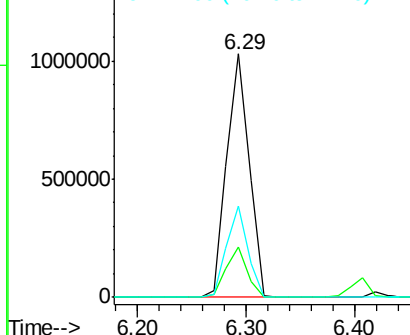
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.78 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

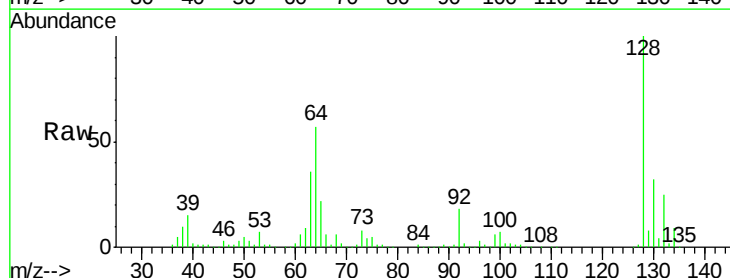
Tgt Ion: 128 Resp: 443982

Ion Ratio Lower Upper

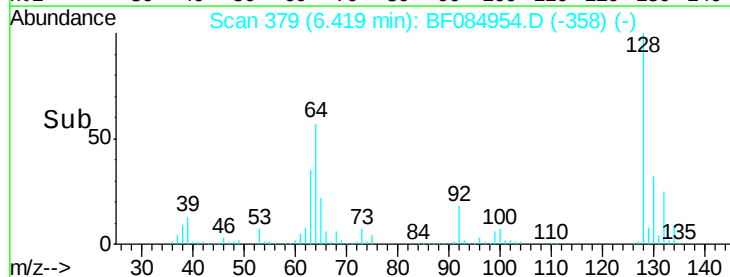
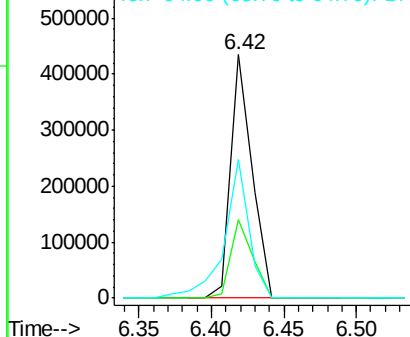
128 100

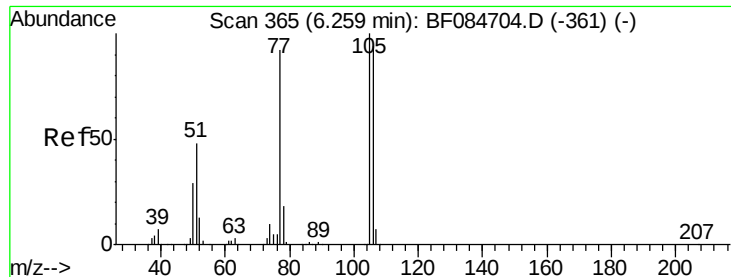
130 32.0 11.6 51.6

64 57.0 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.70 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

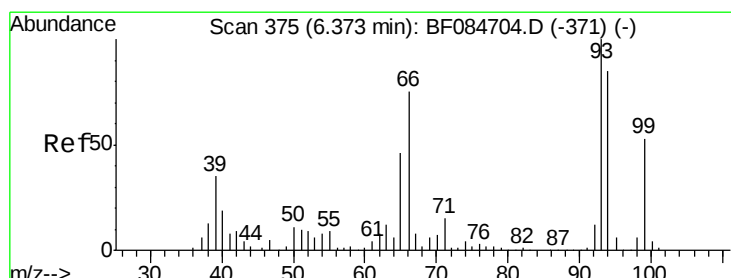
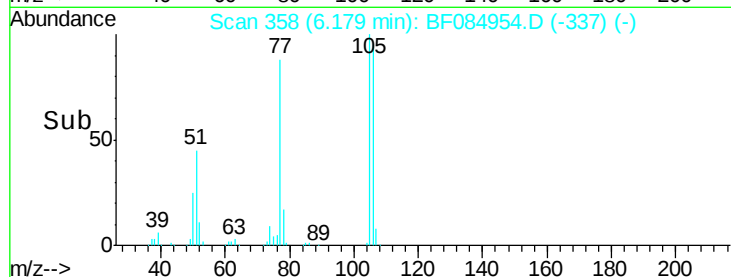
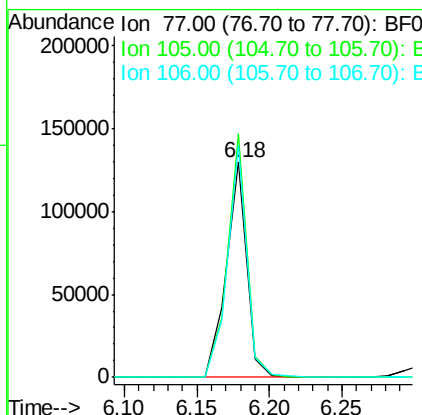
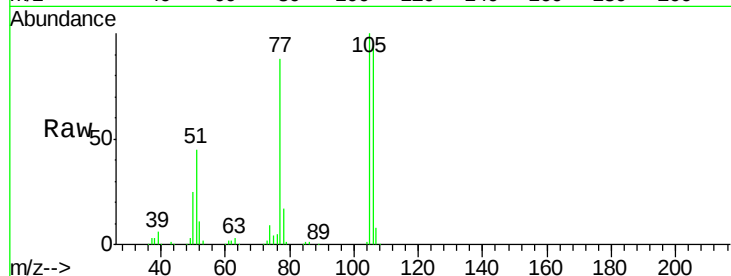
ClientSampleId :

PB88264BS

Tot Ion:	77	Resp:	126937
Ion	Ratio	Lower	Upper
77	100		
105	113.3	83.0	123.0
106	107.8	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 31.61 ng

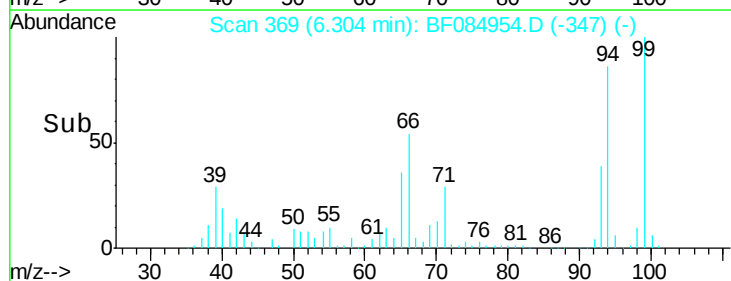
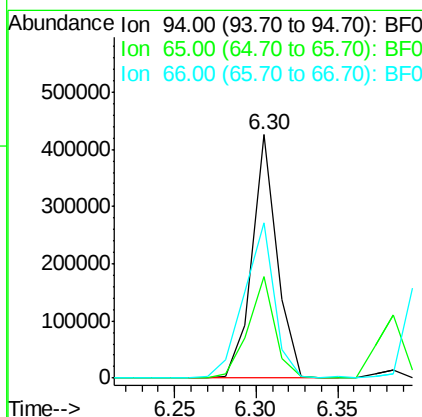
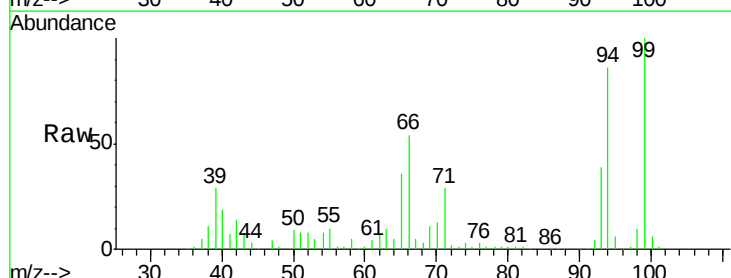
RT: 6.30 min Scan# 369

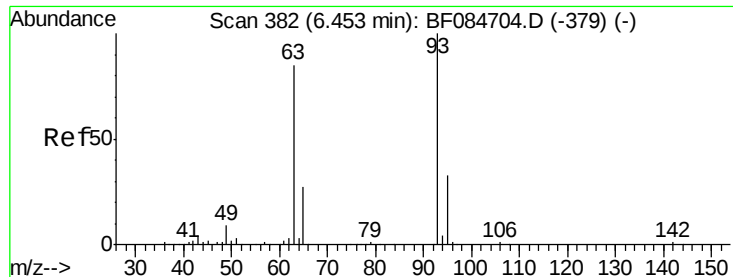
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	94	Resp:	455830
Ion	Ratio	Lower	Upper
94	100		
65	41.8	12.9	52.9
66	63.5	32.7	72.7





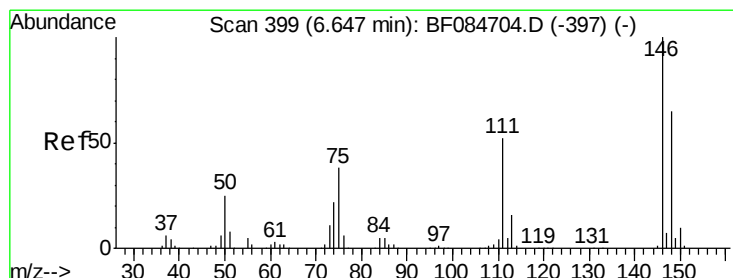
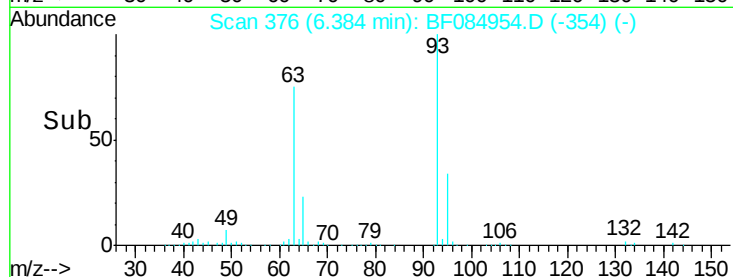
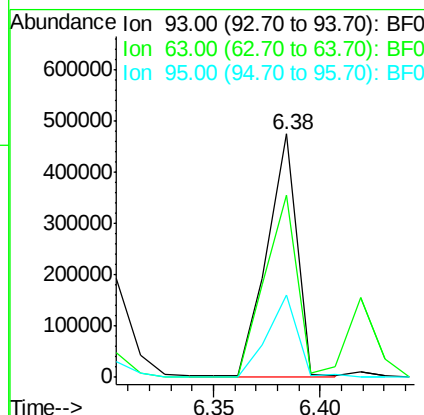
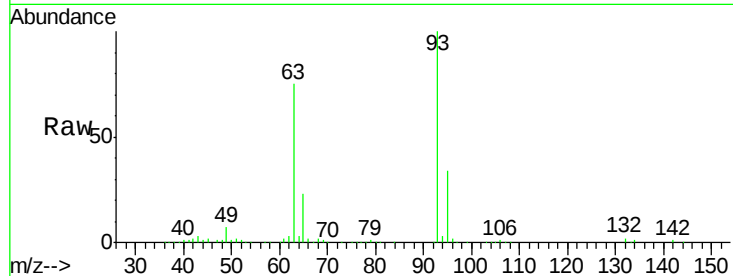
#11
bis(2-Chloroethyl)ether
Concen: 41.82 ng m
RT: 6.38 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	45.9	85.9
95	33.7	12.3	52.3

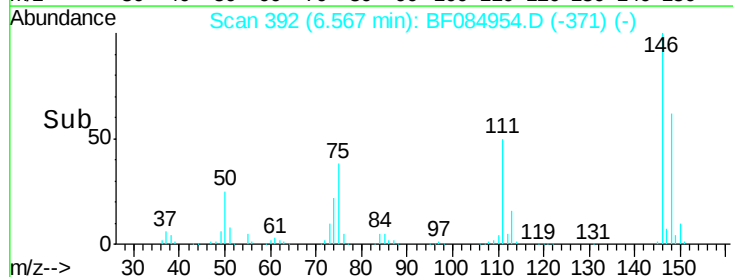
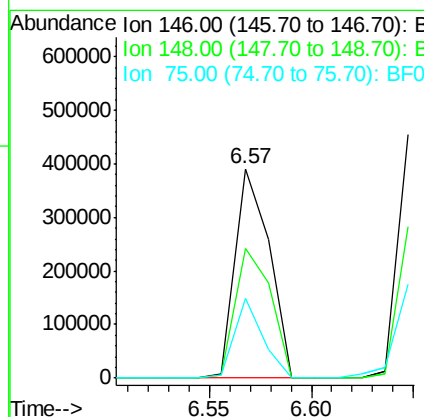
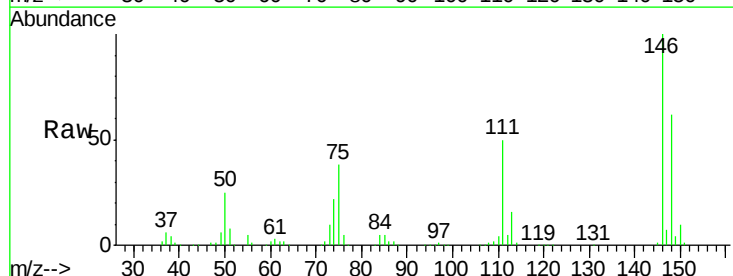
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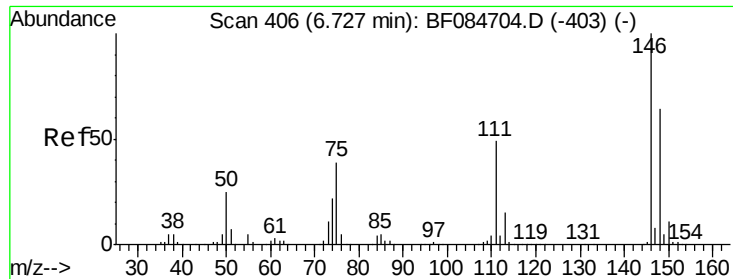
Sohil
2/10/2016 1:44:58 PM



#12
1,3-Dichlorobenzene
Concen: 36.43 ng m
RT: 6.57 min Scan# 392
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.9	77.9
75	38.5	20.5	30.7





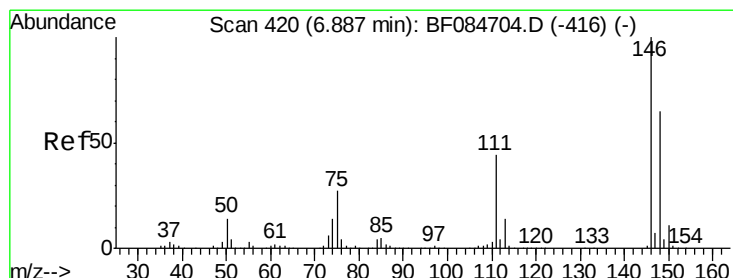
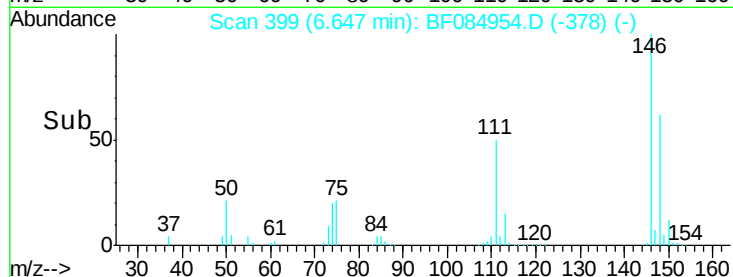
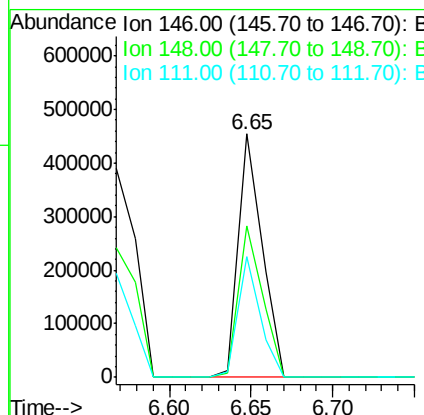
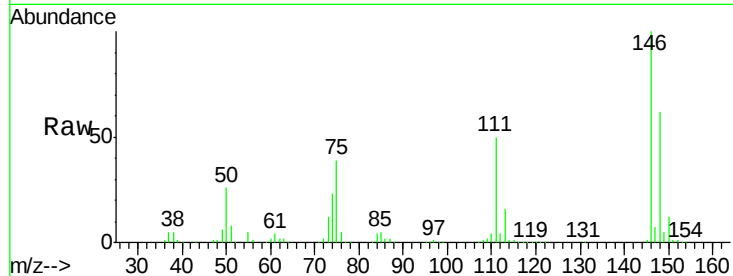
#13
 1,4-Dichlorobenzene
 Concen: 36.73 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	49.6	41.6	62.4

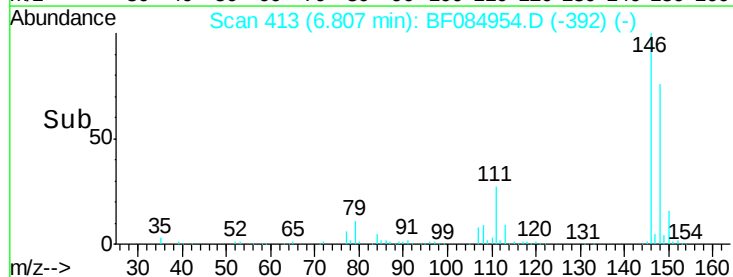
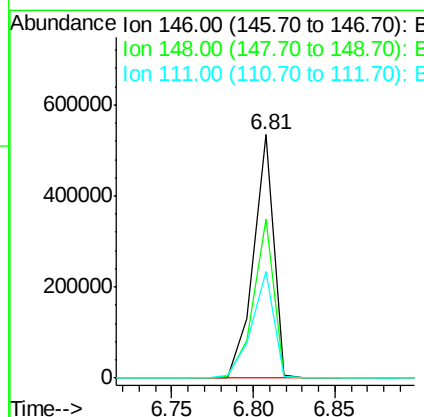
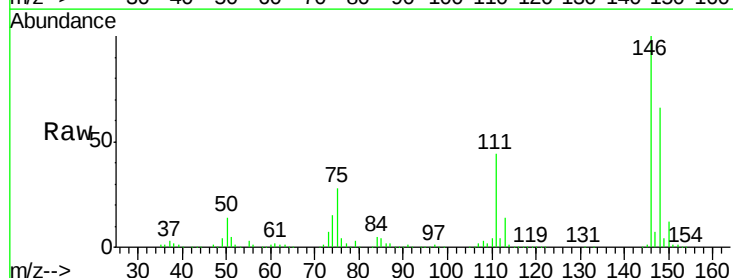
Manual Integrations
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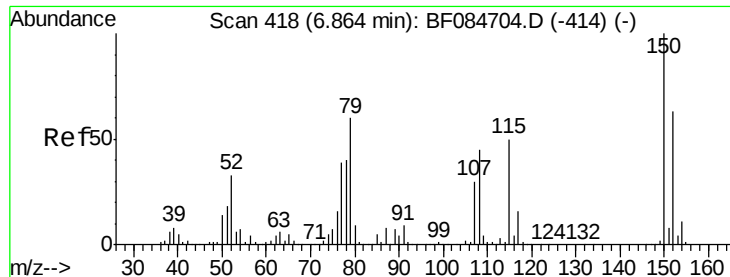
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#14
 1,2-Dichlorobenzene
 Concen: 39.98 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
111	43.9	38.0	57.0





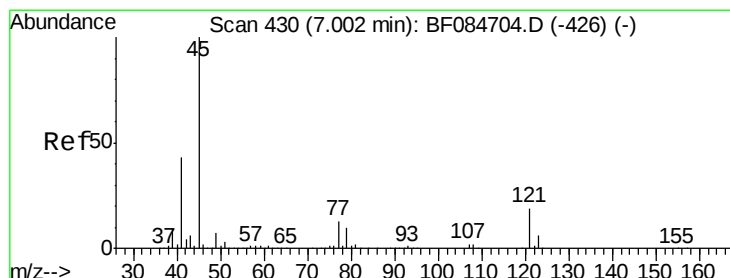
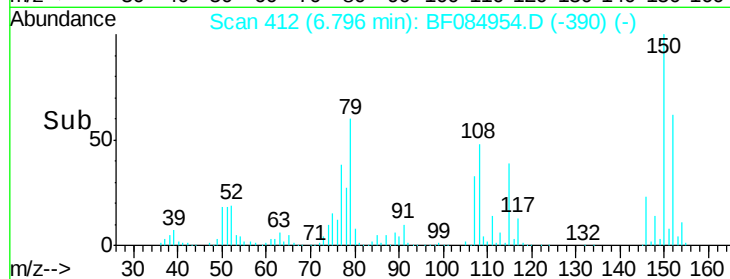
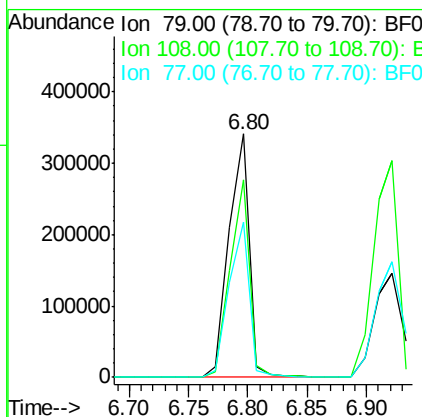
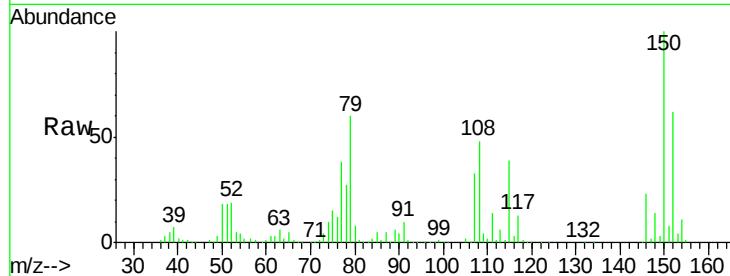
#15
Benzyl Alcohol
Concen: 45.98 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampled :
PB88264BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	69.0	103.4
77	63.6	50.0	75.0

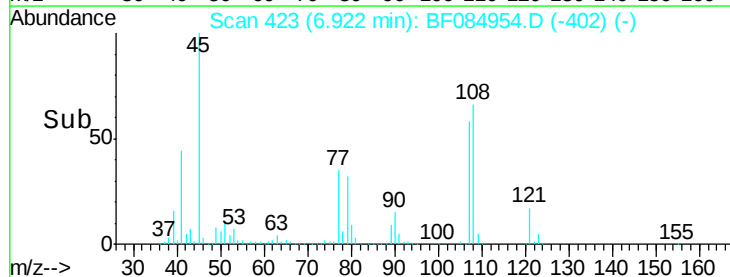
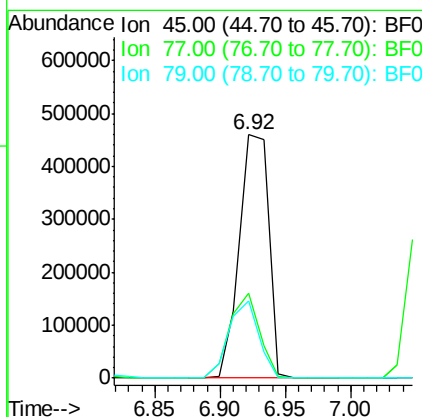
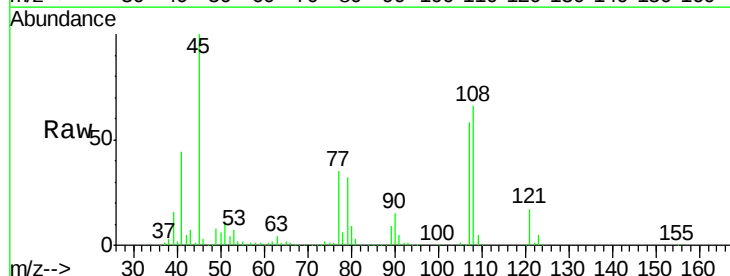
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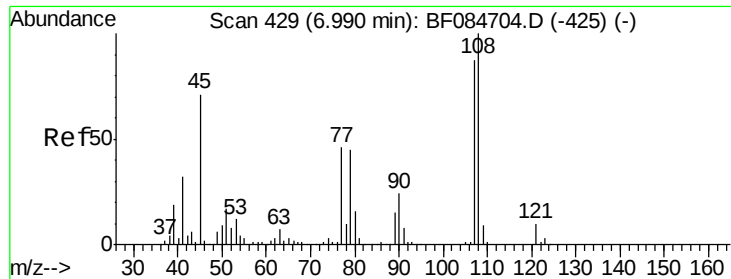
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.03 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.1	0.0	39.6
79	31.8	0.0	35.0





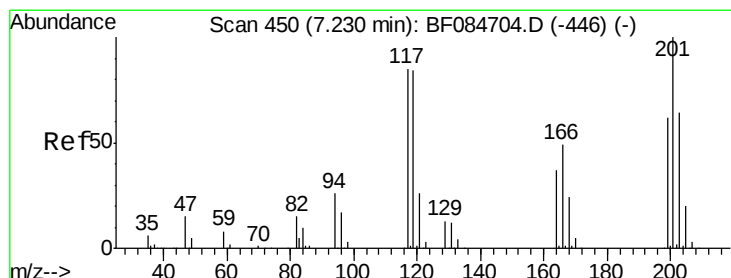
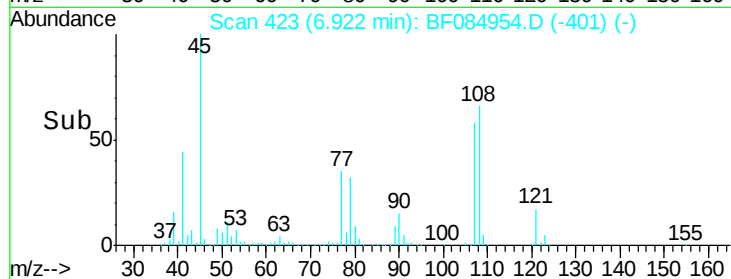
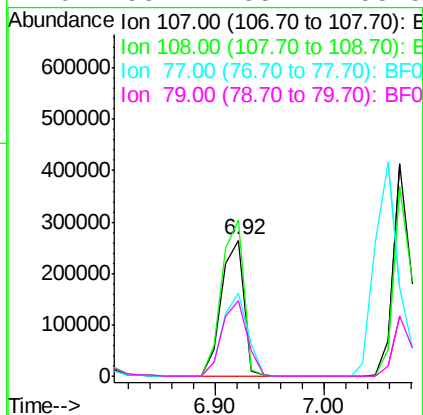
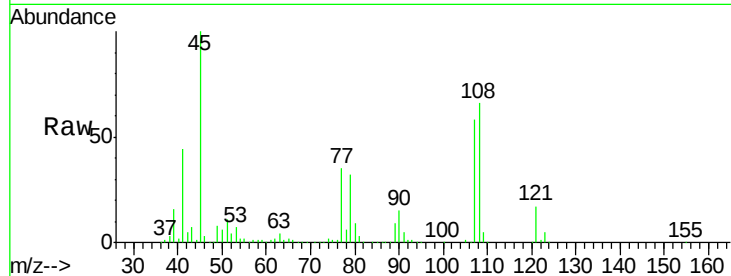
#17
2-Methylphenol
Concen: 40.65 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampled :
PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	89.8	134.6	
77	60.9	35.7	53.5#	
79	55.2	35.7	53.5#	

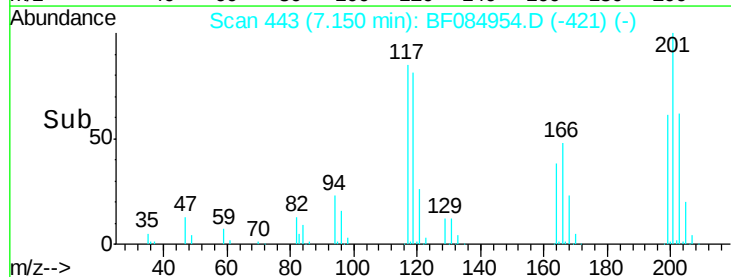
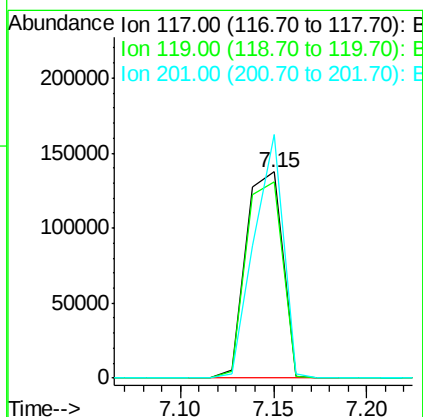
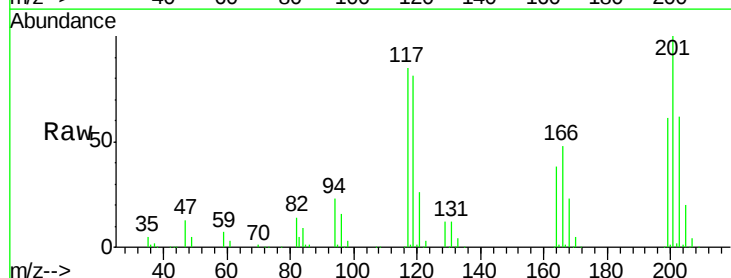
Manual Integrations
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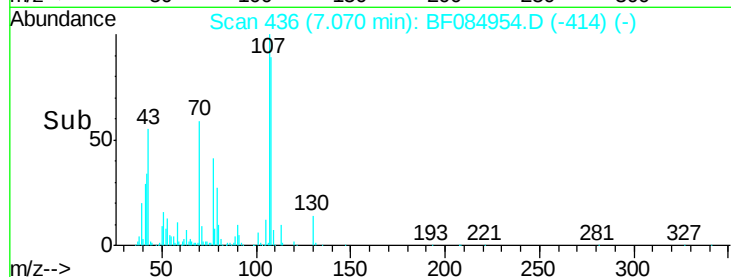
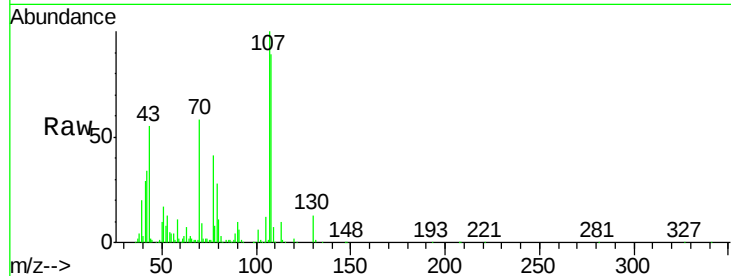
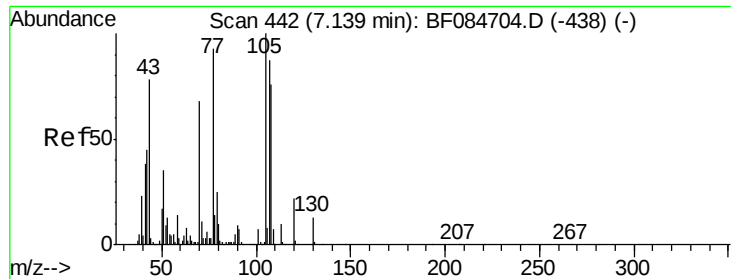
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#18
Hexachloroethane
Concen: 38.83 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.4	116.0	
201	118.2	68.6	103.0#	





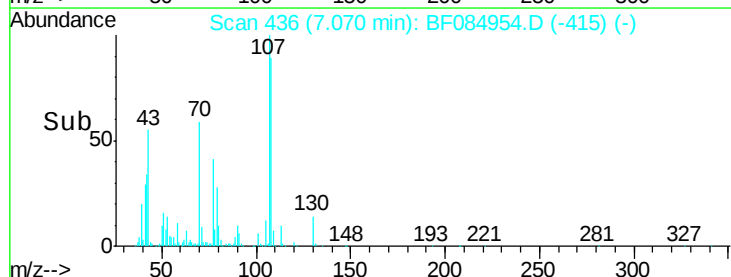
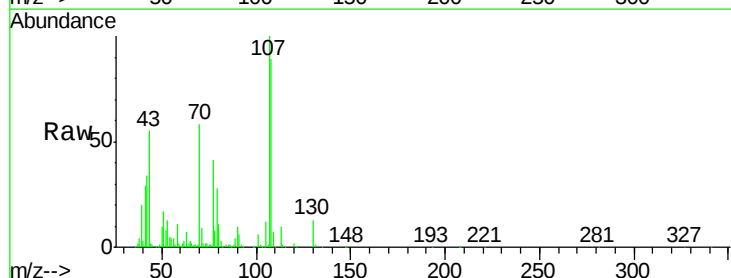
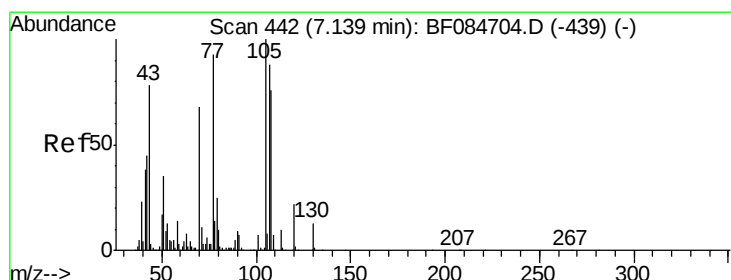
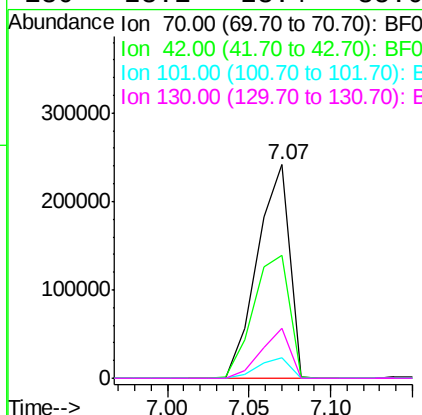
#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	33.3	49.9#
101	9.7	9.3	13.9
130	23.1	23.4	35.0#

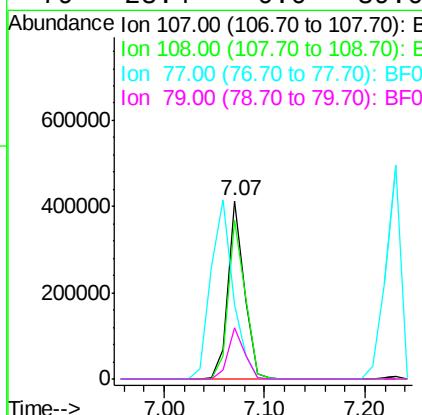
Manual Integrations
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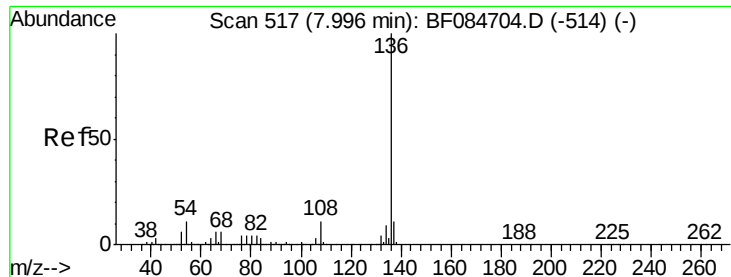
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#20
3+4-Methylphenols
Concen: 40.48 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	74.6	114.6
77	41.3	0.7	40.7#
79	28.4	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: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

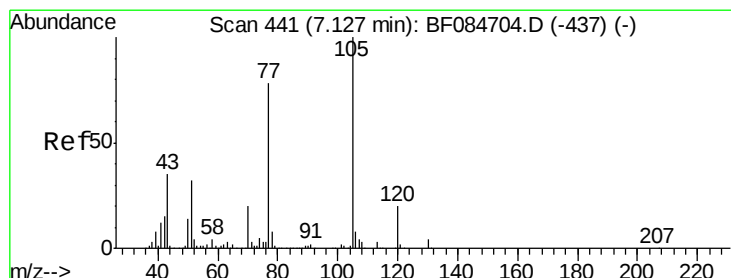
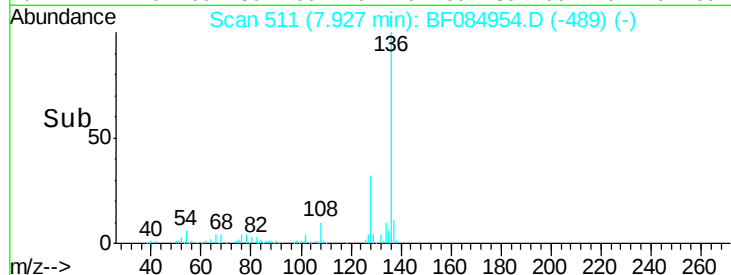
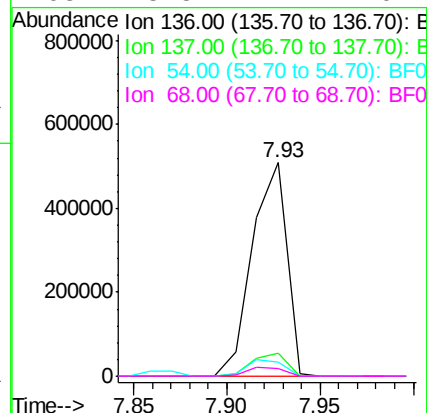
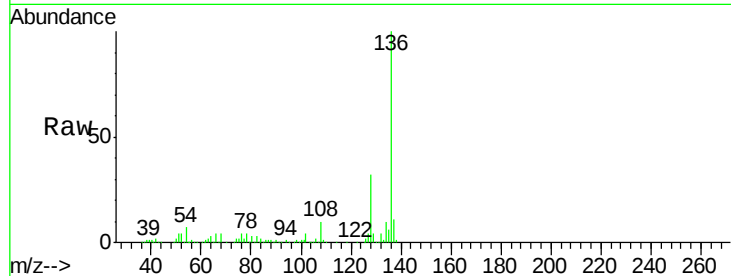
ClientSampleId :

PB88264BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.6	5.8	8.8
68	3.8	4.2	6.2#

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#22

Acetophenone

Concen: 38.19 ng

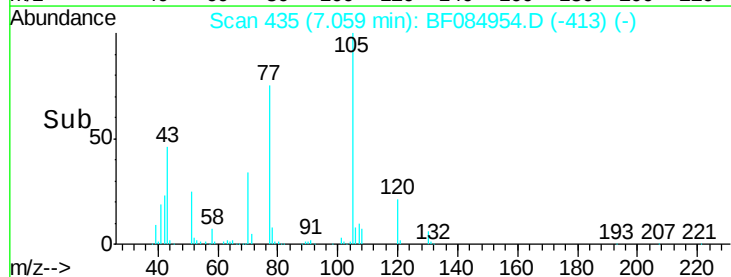
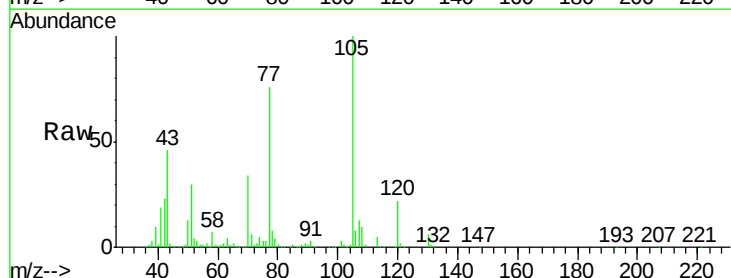
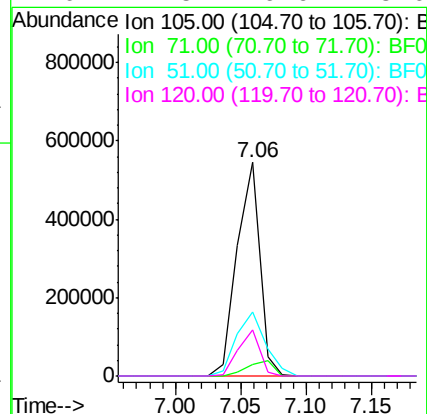
RT: 7.06 min Scan# 435

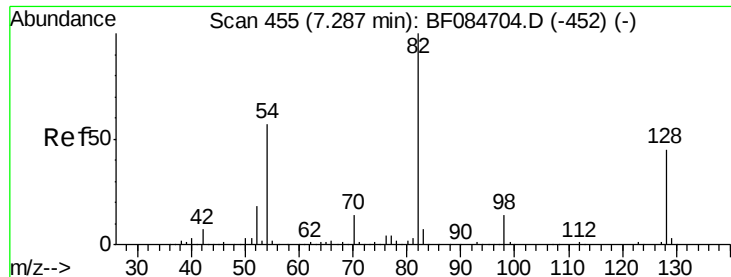
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	3.7	5.5#
51	29.7	25.1	37.7
120	21.5	16.6	25.0





#23

Nitrobenzene-d5

Concen: 76.10 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

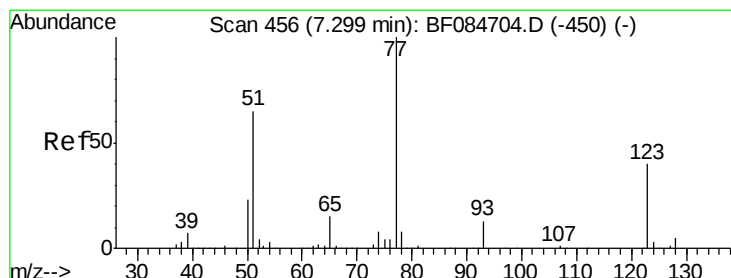
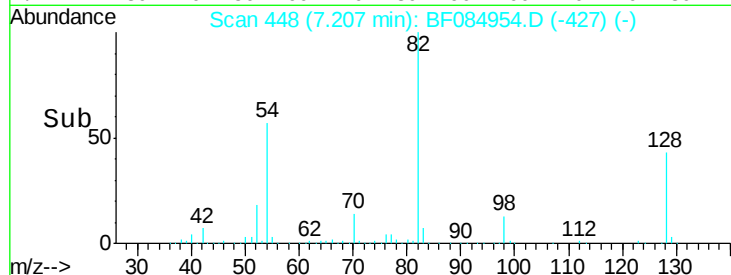
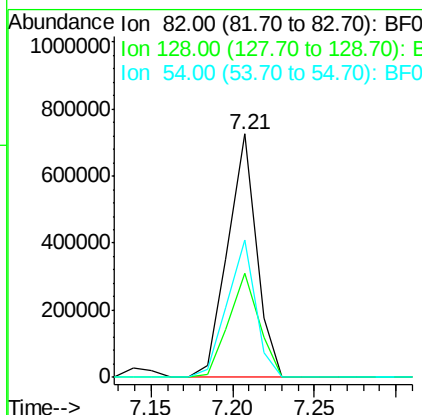
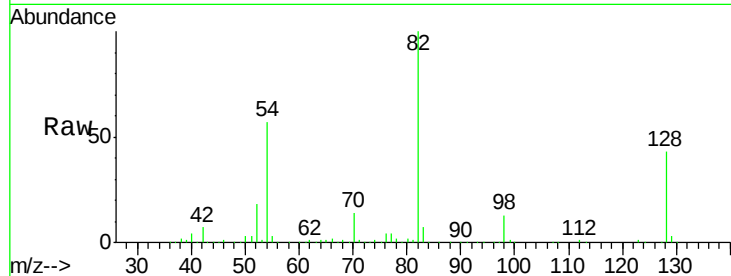
ClientSampleId :

PB88264BS

Tot Ion:	82	Resp:	883138
Ion Ratio	Lower	Upper	
82	100		
128	42.6	34.6	51.8
54	56.6	38.4	57.6

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#24

Nitrobenzene

Concen: 41.56 ng

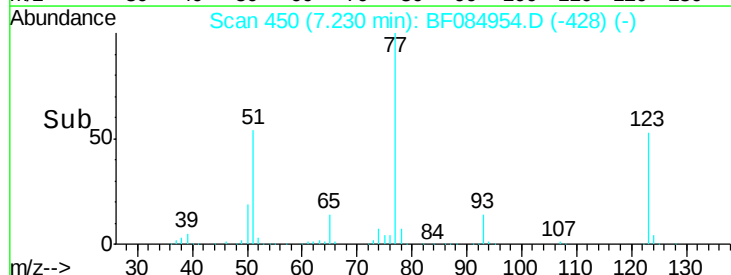
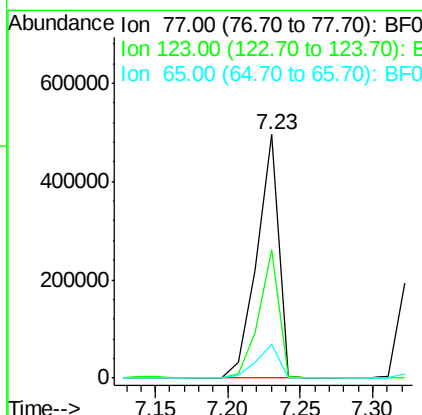
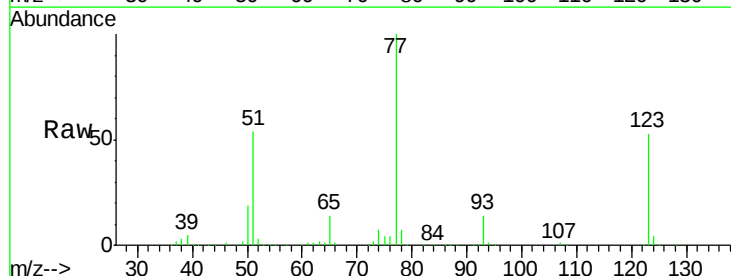
RT: 7.23 min Scan# 450

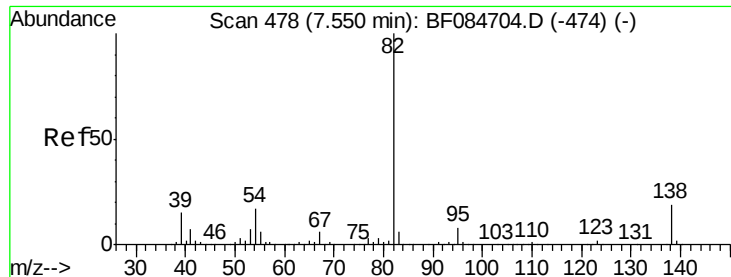
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	77	Resp:	516417
Ion Ratio	Lower	Upper	
77	100		
123	52.7	37.4	56.2
65	13.8	10.9	16.3





#25

Isophorone

Concen: 38.97 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

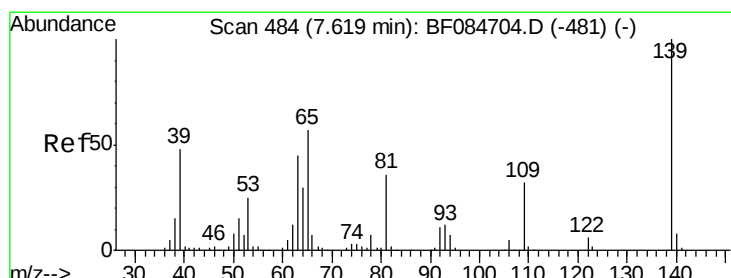
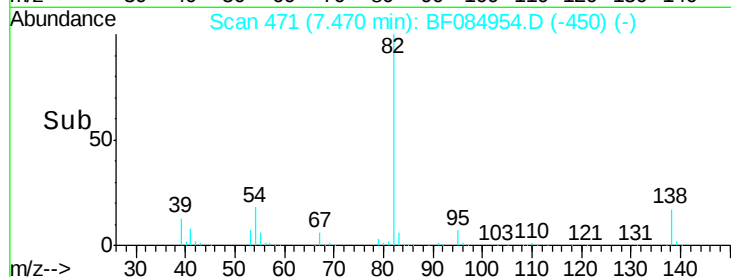
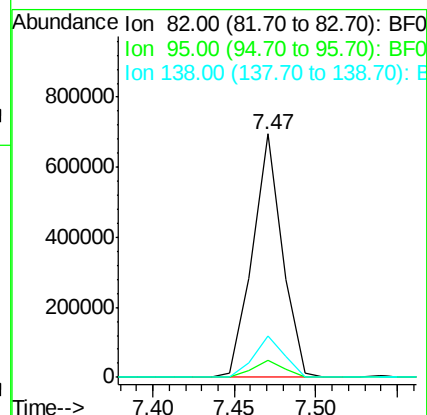
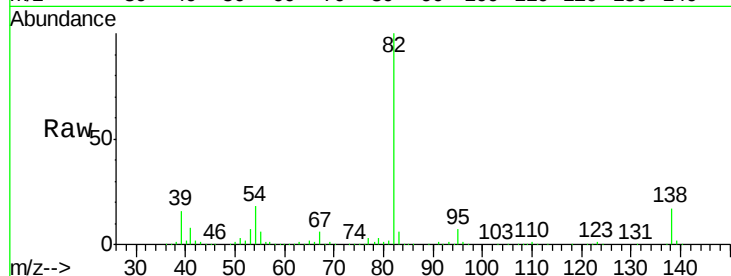
ClientSampleId :

PB88264BS

Tot Ion:	82	Resp:	879384
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.6	10.0
138	16.7	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.45 ng

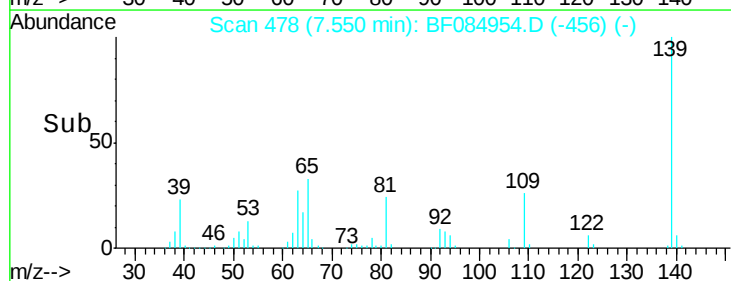
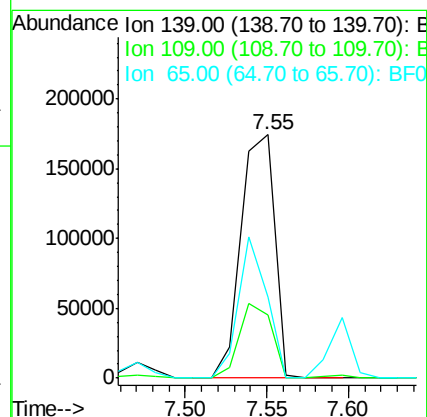
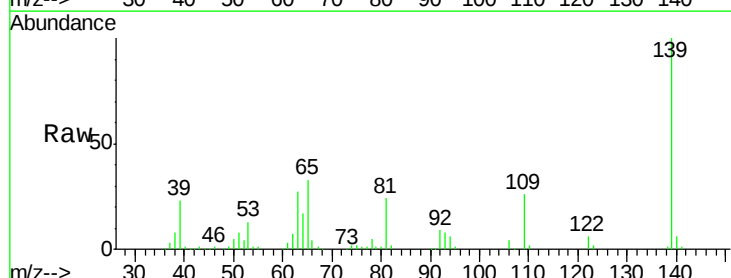
RT: 7.55 min Scan# 478

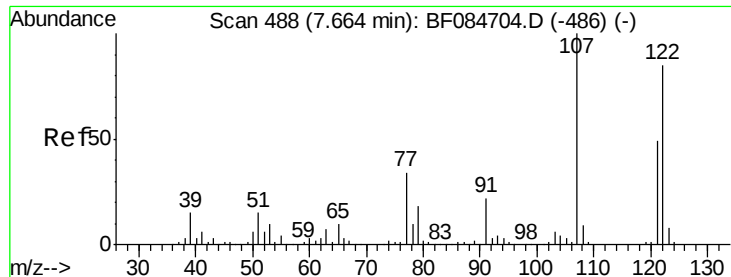
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	139	Resp:	247939
Ion Ratio	Lower	Upper	
139	100		
109	25.8	25.4	38.2
65	33.1	32.3	48.5





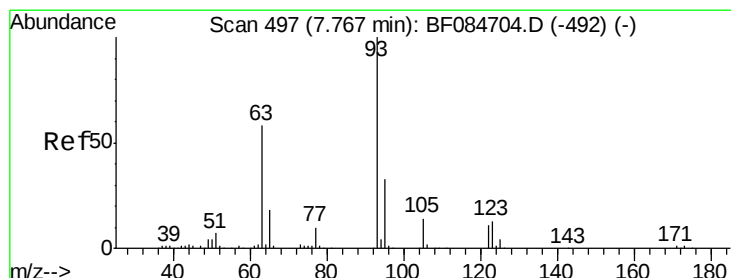
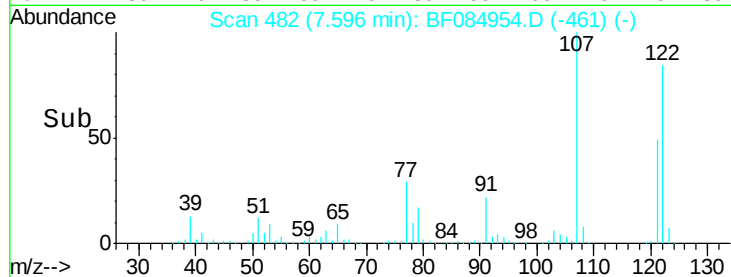
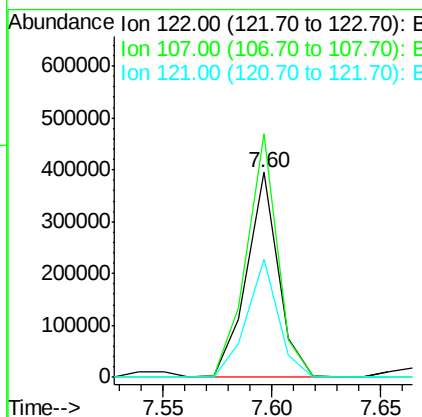
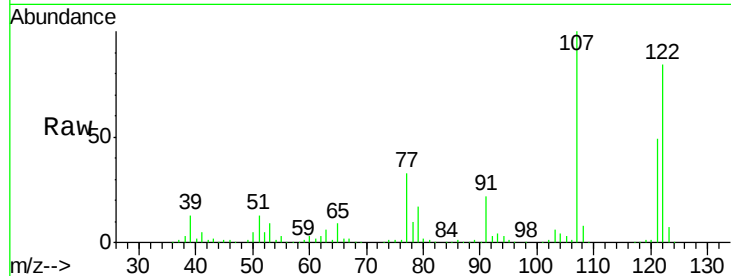
#27
 2,4-Dimethylphenol
 Concen: 37.71 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	402039		
107	118.9	99.1	148.7	
121	58.0	47.9	71.9	

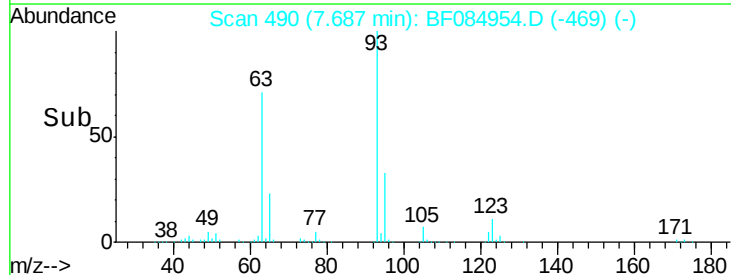
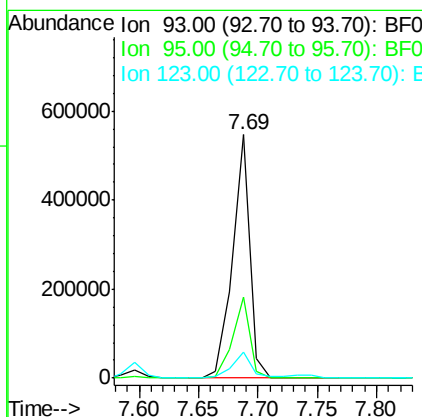
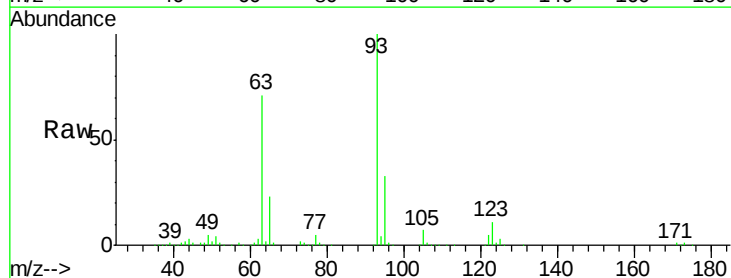
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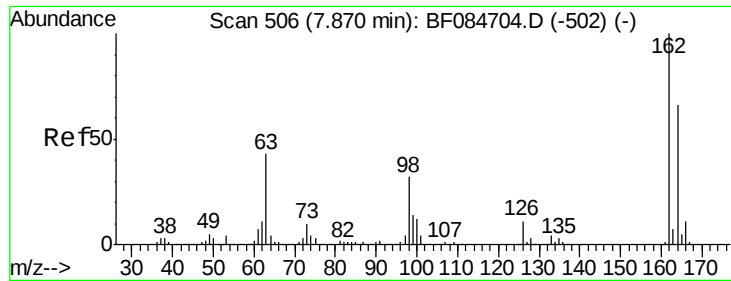
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.17 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	551210		
95	33.2	25.8	38.6	
123	10.9	8.6	12.8	





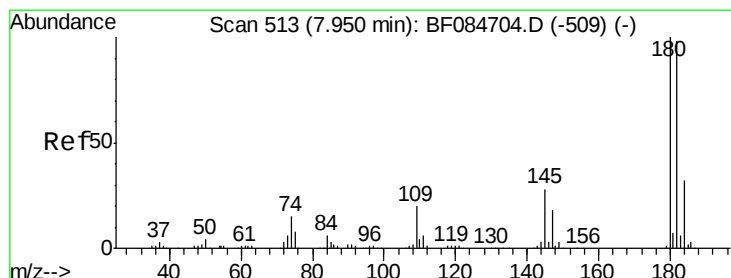
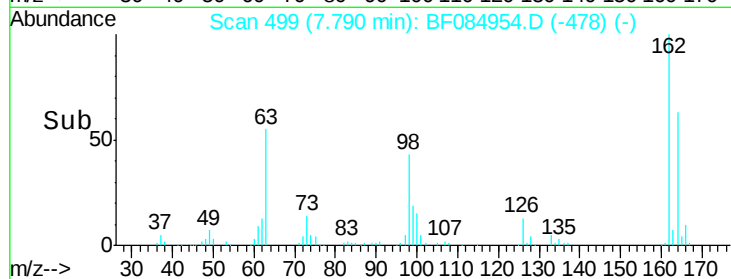
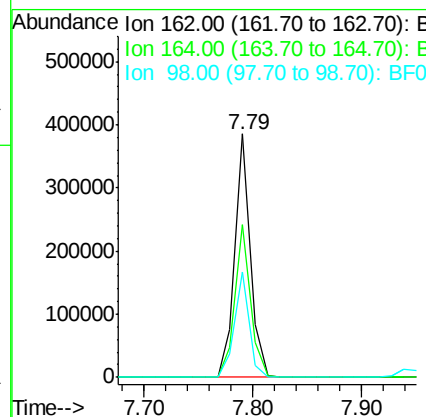
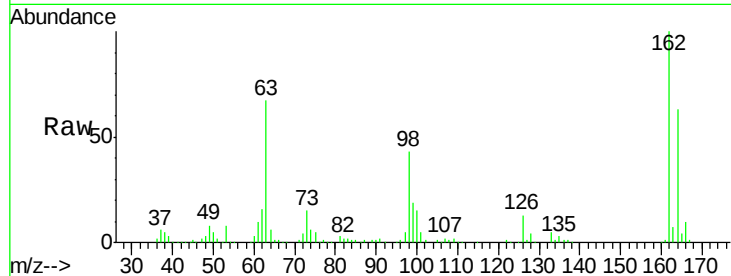
#29
 2,4-Dichlorophenol
 Concen: 41.50 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampled :
 PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	378549		
164	62.7	44.1	84.1	
98	43.1	20.2	60.2	

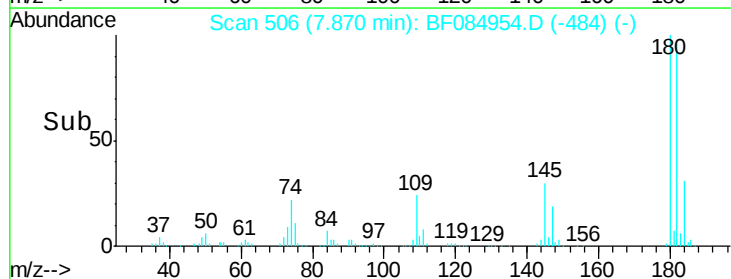
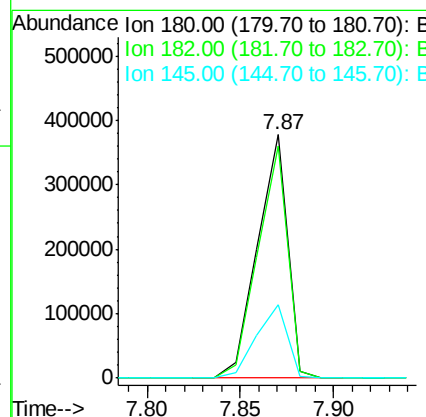
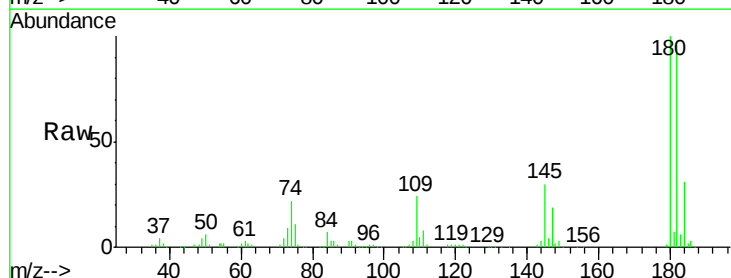
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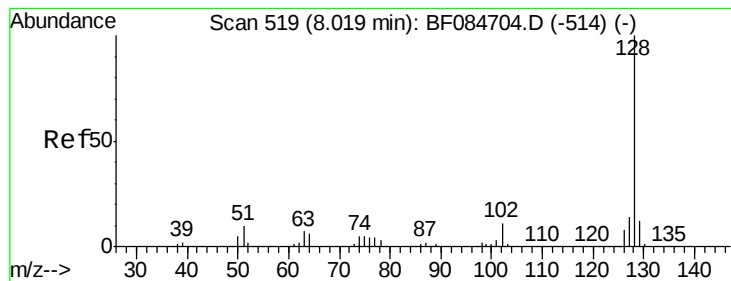
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.84 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	420749		
182	95.5	76.4	114.6	
145	30.2	31.6	47.4	





#31

Naphthalene

Concen: 38.50 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tot Ion:128 Resp: 1262365

Ion Ratio Lower Upper

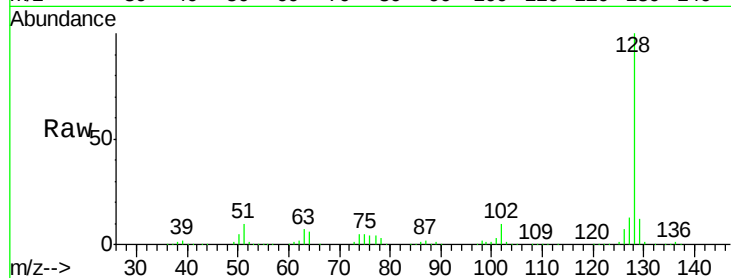
128 100

129 11.9 9.1 13.7

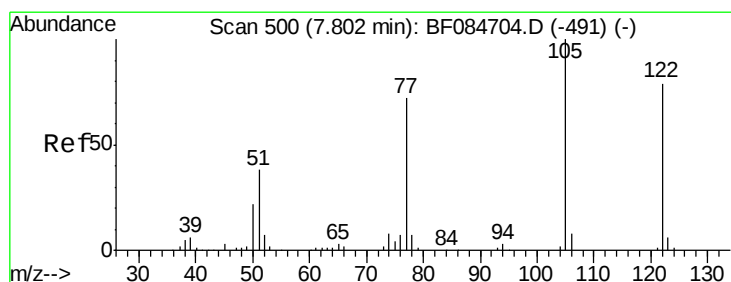
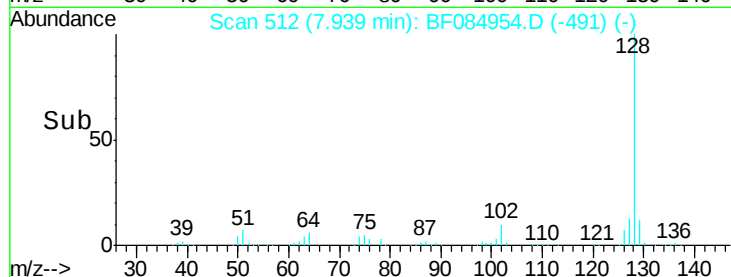
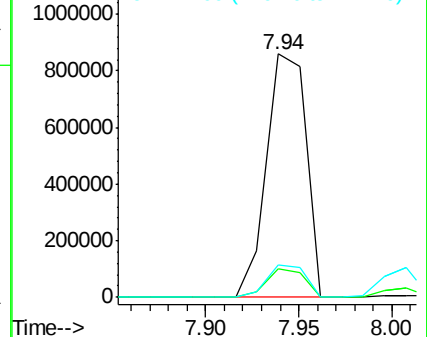
127 13.5 11.1 16.7

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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: 39.59 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

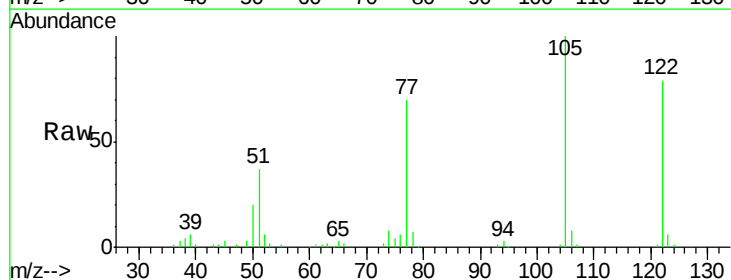
Tgt Ion:122 Resp: 269949

Ion Ratio Lower Upper

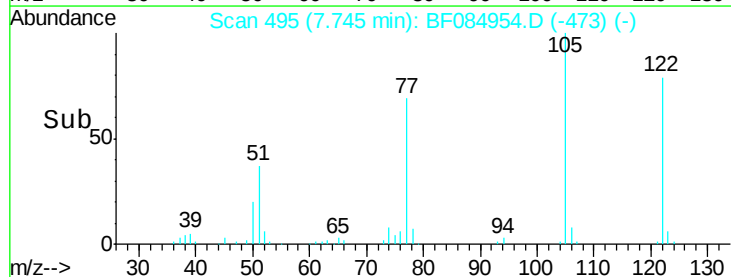
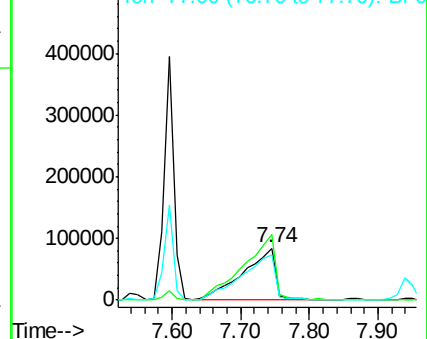
122 100

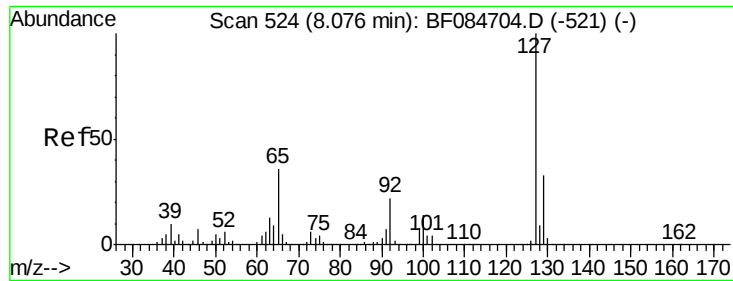
105 126.4 100.3 140.3

77 88.4 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





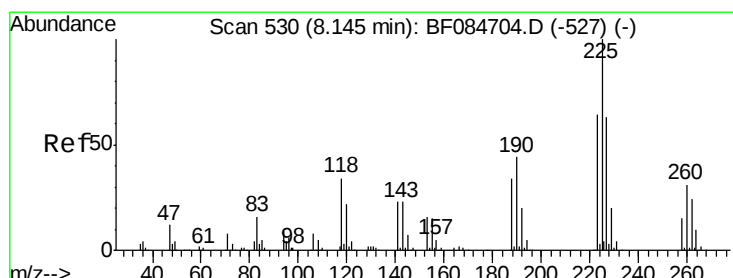
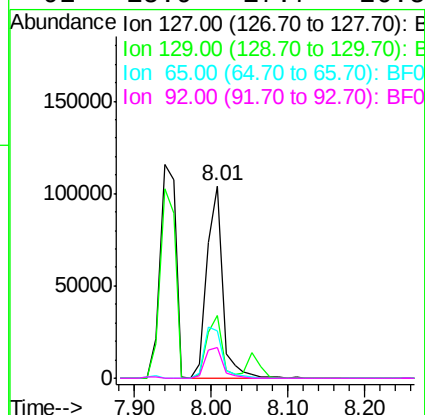
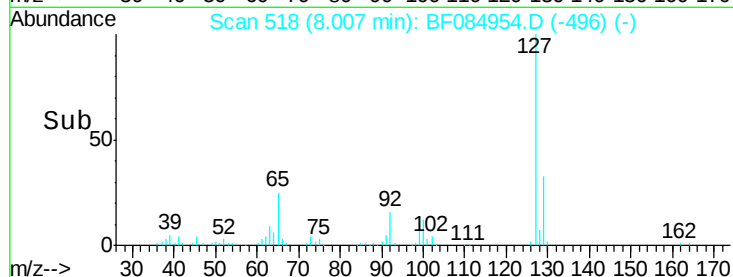
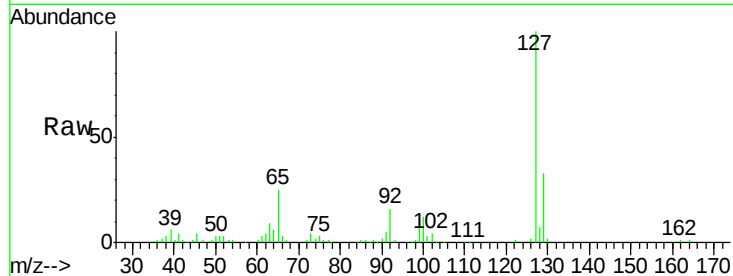
#33
4-Chloroaniline
Concen: 10.81 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.5	39.7		
65	24.8	27.2	40.8		
92	15.9	17.7	26.5		

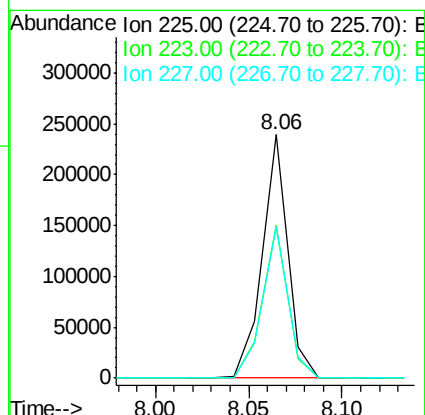
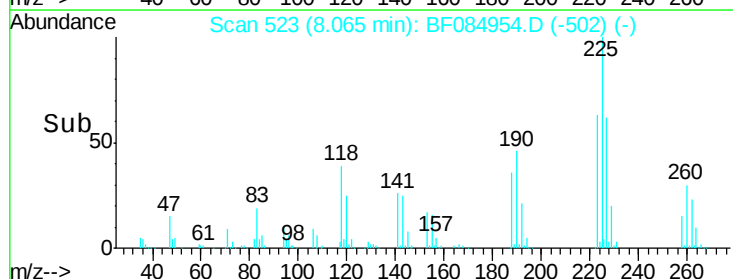
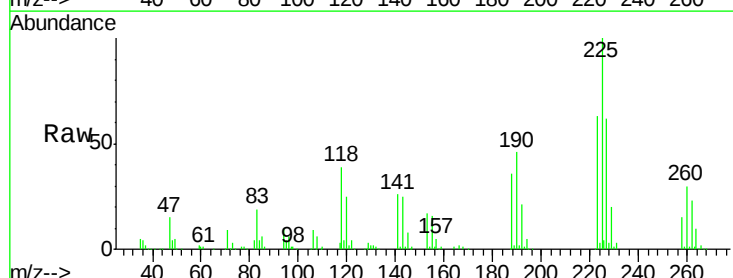
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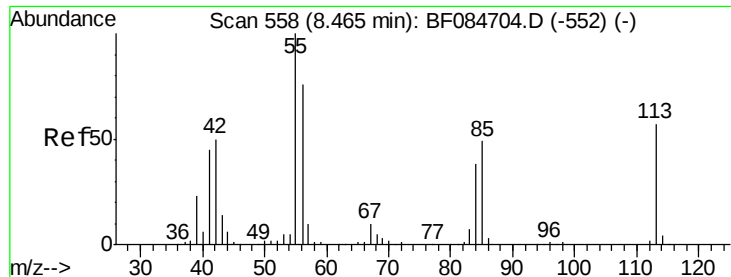
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#34
Hexachlorobutadiene
Concen: 37.79 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.4	74.0		
227	62.4	50.8	76.2		





#35

Caprolactam

Concen: 44.86 ng/ml

RT: 8.38 min Scan# 551

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleID :

PB88264BS

Tot Ion:113 Resp: 126132
Ion Ratio Lower Upper

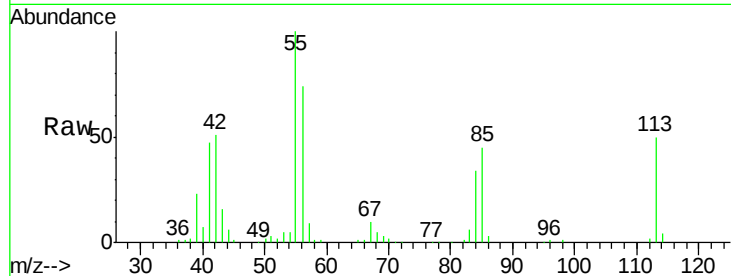
113 100

55 200.9 116.9 156.9#

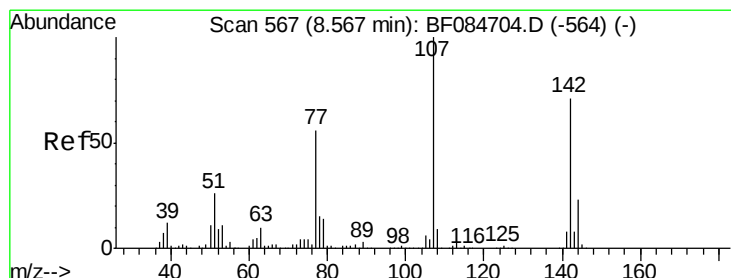
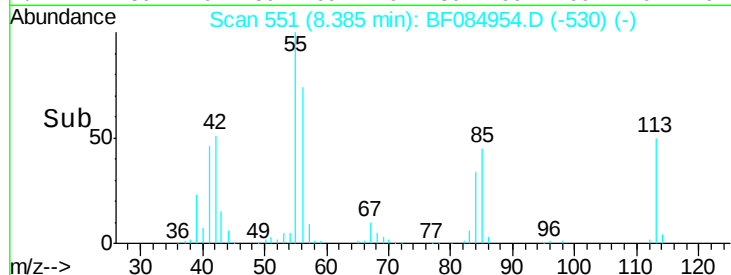
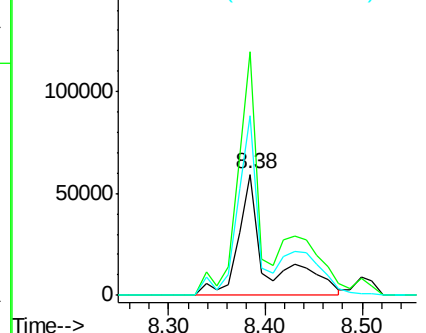
56 148.5 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.52 ng/ml

RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF084954.D

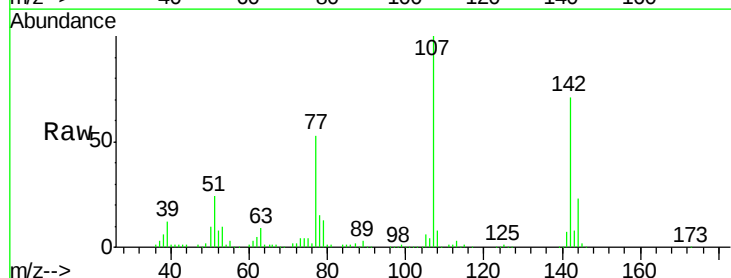
Acq: 9 Feb 2016 16:14

Tgt Ion:107 Resp: 432103
Ion Ratio Lower Upper

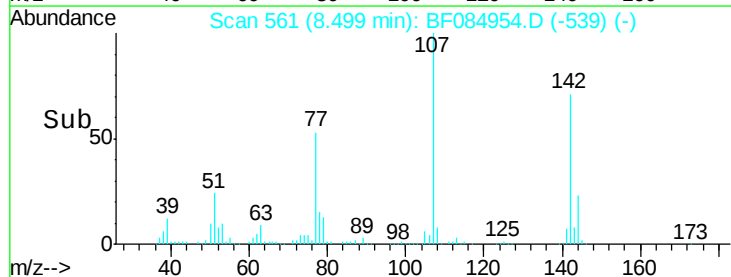
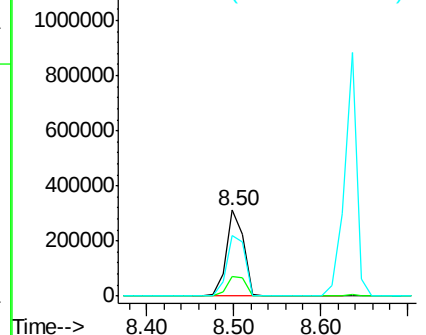
107 100

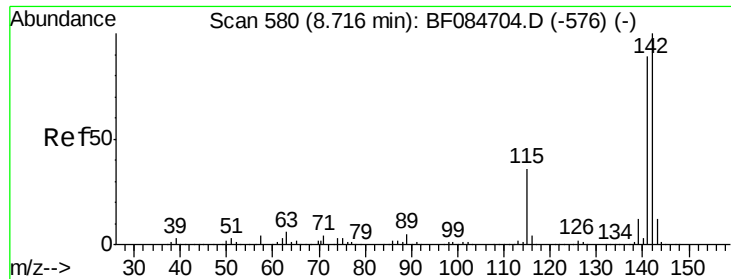
144 23.3 19.7 29.5

142 71.3 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





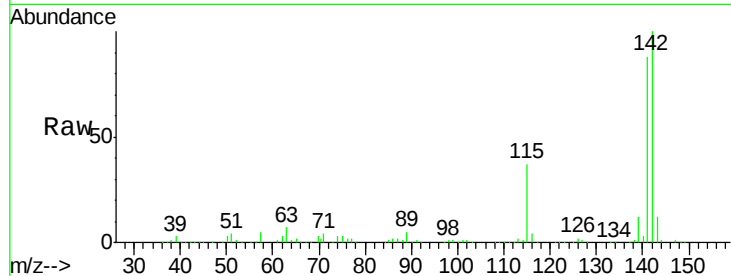
#37
2-Methylnaphthalene
Concen: 42.93 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

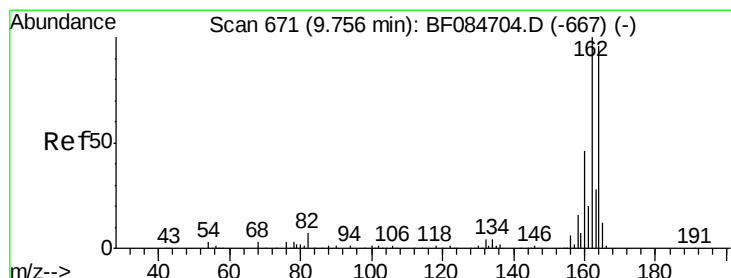
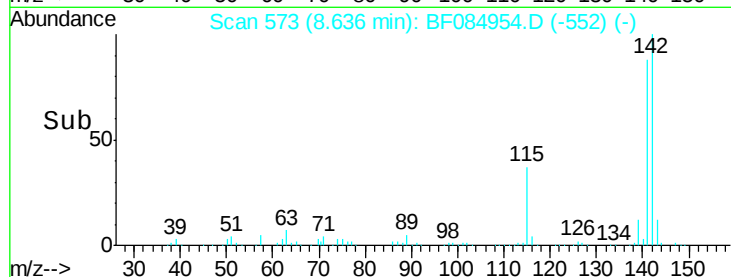
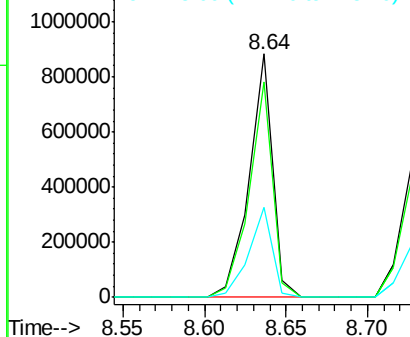
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.4	108.6
115	37.1	27.9	41.9

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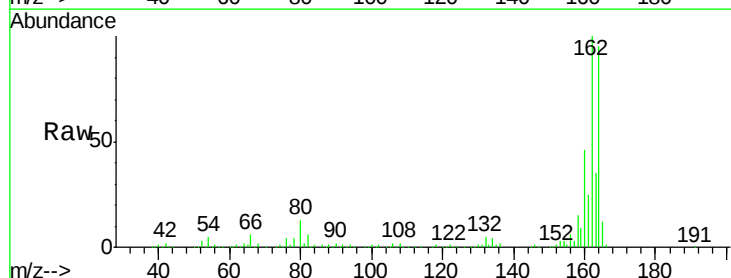


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

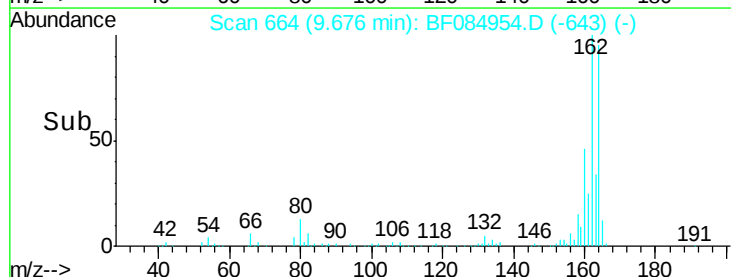
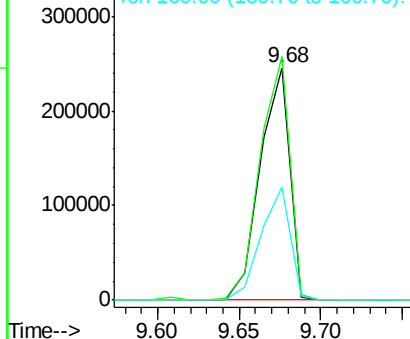


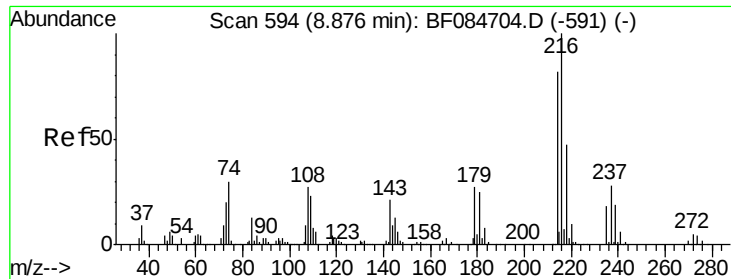
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	48.7	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: 37.32 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

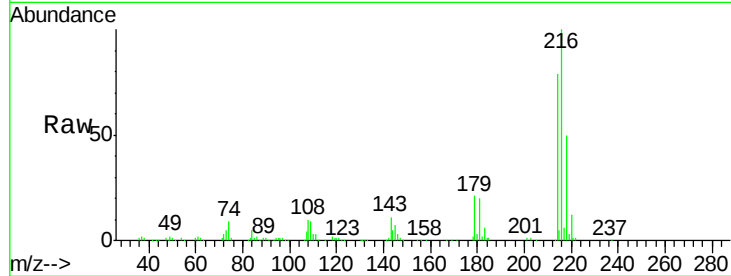
ClientSampleId :

PB88264BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		366975		
214	79.6		64.2	96.2	
179	22.9		18.7	28.1	
108	20.7		16.8	25.2	

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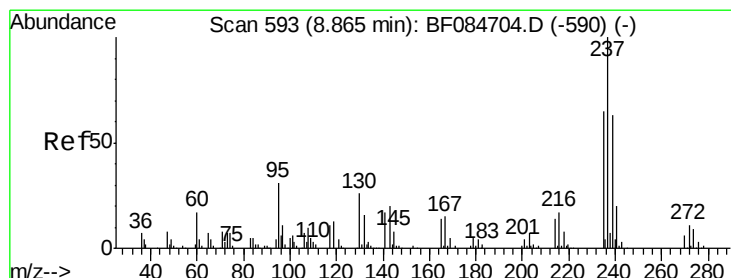
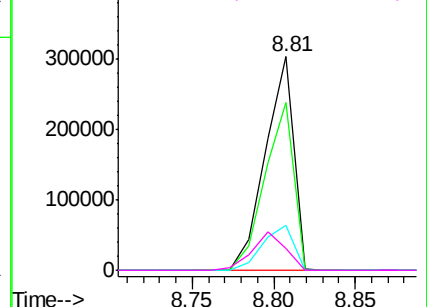
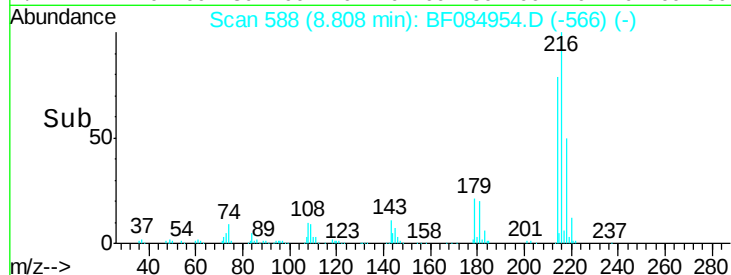


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.70 ng

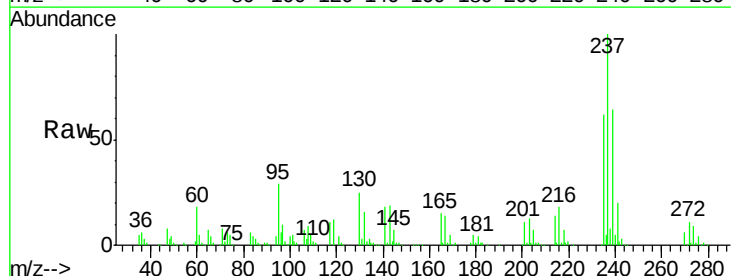
RT: 8.78 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

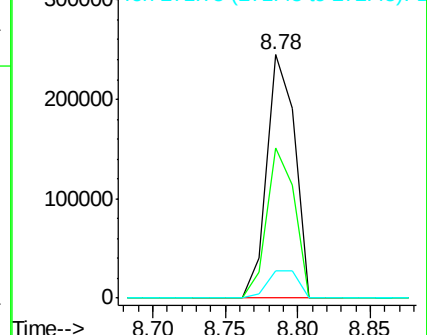
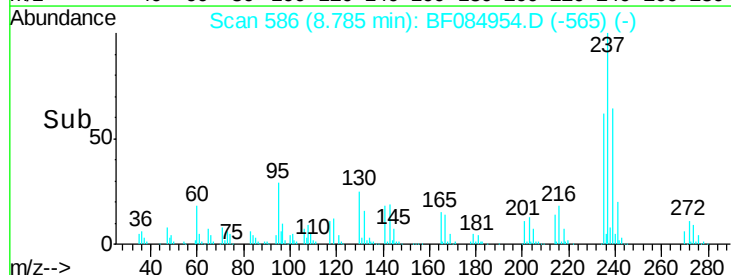
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		327358		
235	61.7		43.1	83.1	
272	11.2		0.0	35.1	

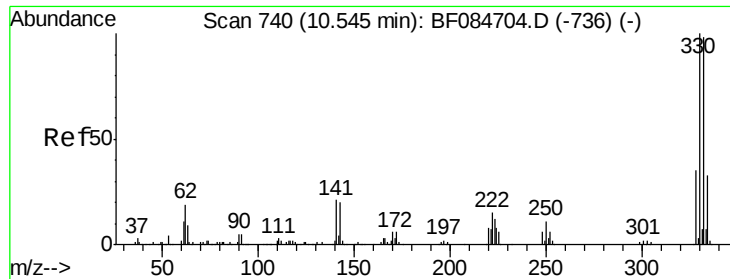


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





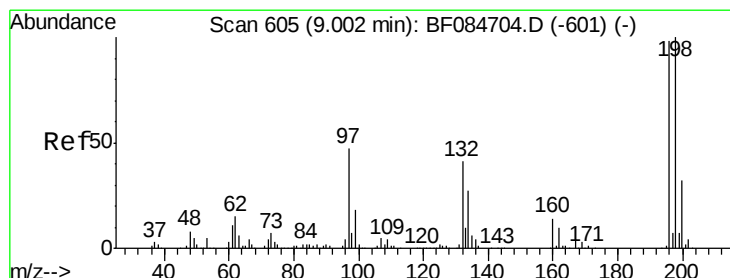
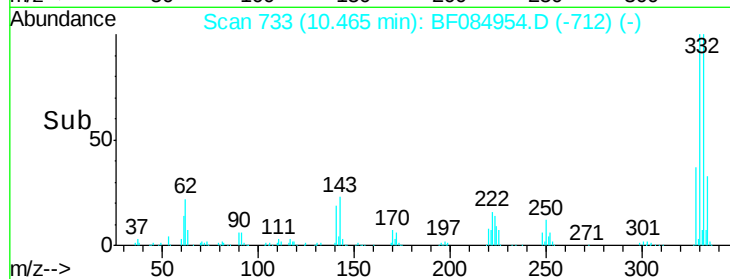
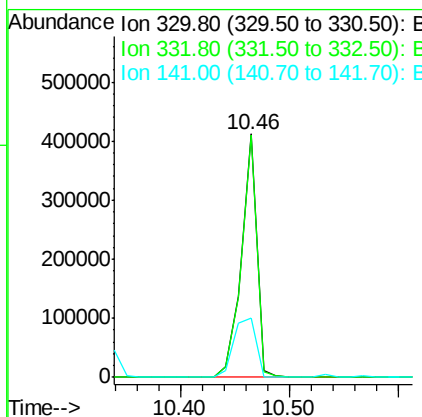
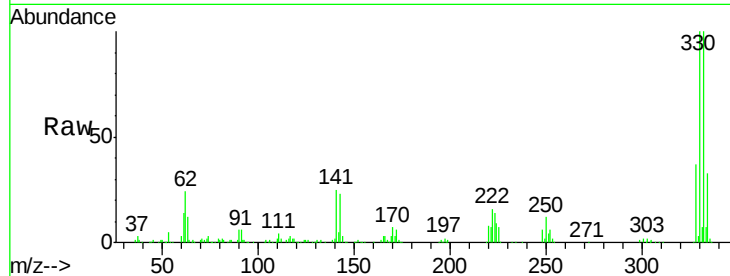
#41
 2,4,6-Tribromophenol
 Concen: 124.80 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampled :
 PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	403058		
332	99.4	76.6	114.8	
141	35.9	27.8	41.6	

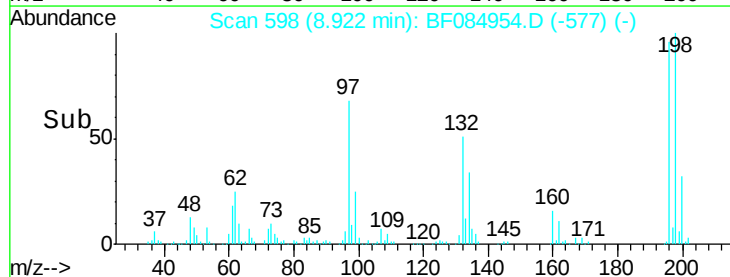
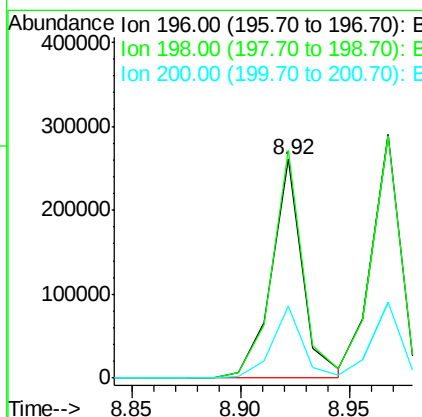
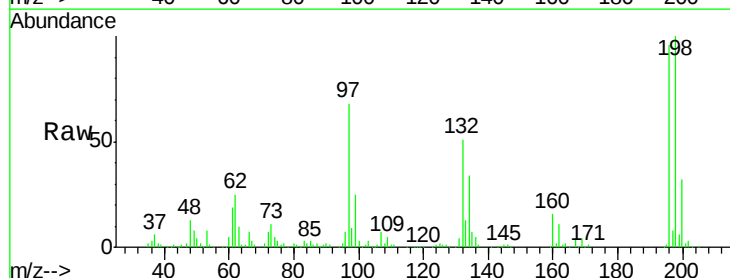
Manual Integrations
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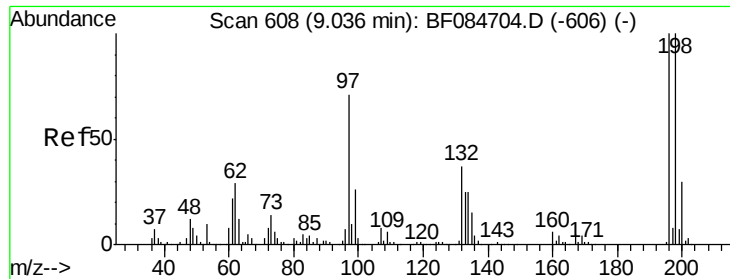
Sohil
 2/10/2016 1:44:58 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.11 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260412		
198	104.0	77.7	116.5	
200	33.1	24.6	37.0	





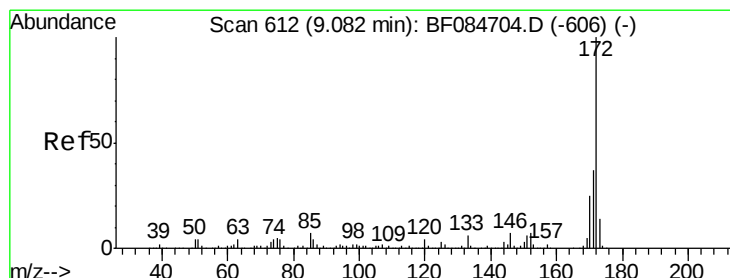
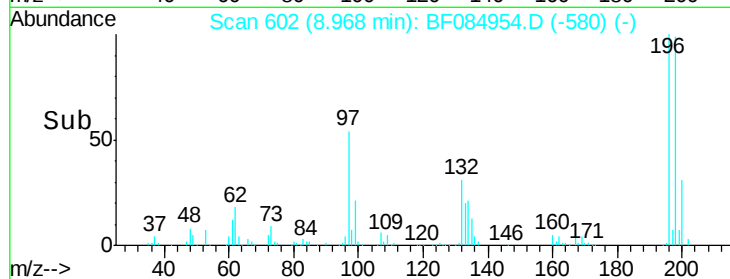
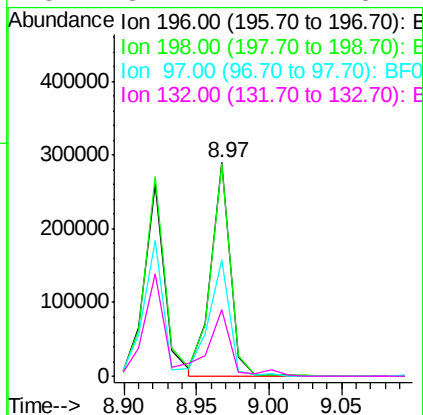
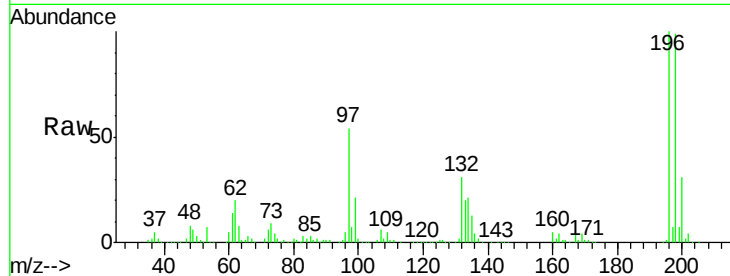
#43
 2,4,5-Trichlorophenol
 Concen: 41.46 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	196	Resp	266853
Ion Ratio	Lower	Upper	
196	100		
198	99.3	79.0	118.6
97	54.4	33.0	49.6
132	31.1	21.1	31.7

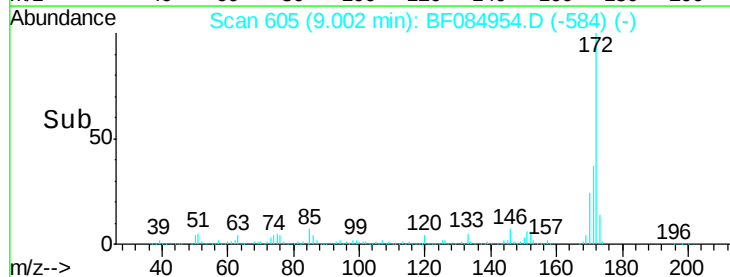
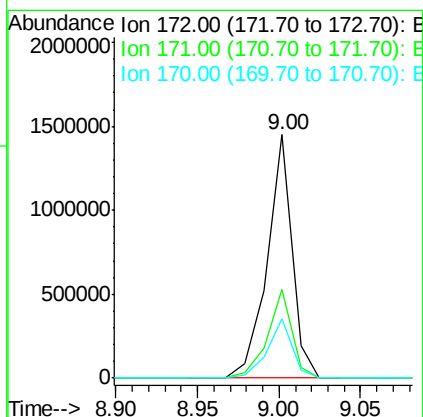
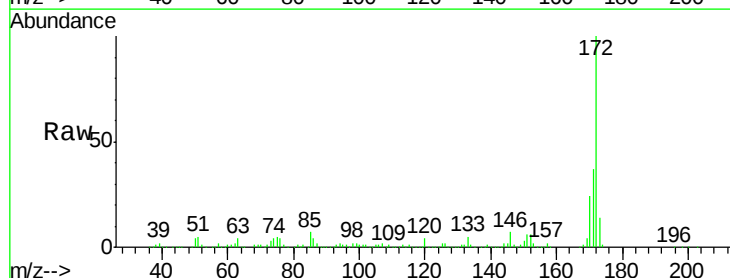
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#44
 2-Fluorobiphenyl
 Concen: 83.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	172	Resp	1543955
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.9	43.3
170	24.2	18.6	27.8





#45

1,1'-Biphenyl

Concen: 40.55 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tot Ion:154 Resp: 1121400

Ion Ratio Lower Upper

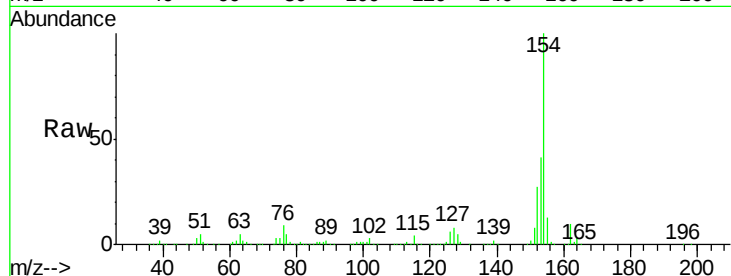
154 100

153 40.5 21.6 61.6

76 8.9 0.0 32.7

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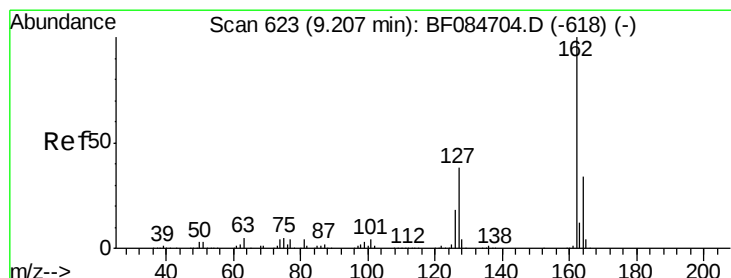
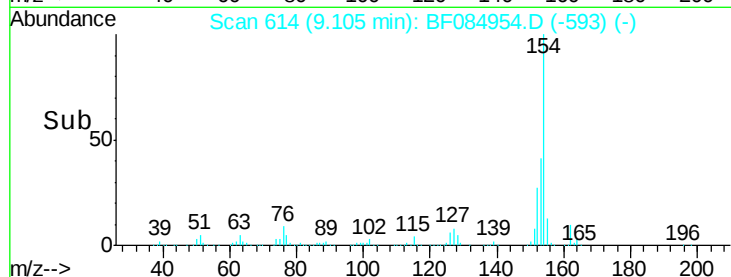
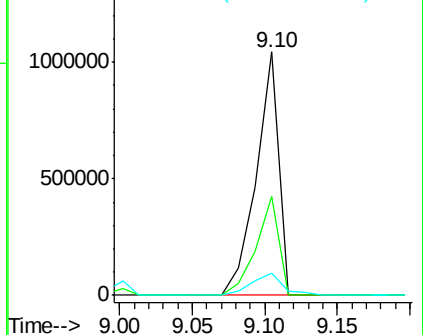
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 39.83 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

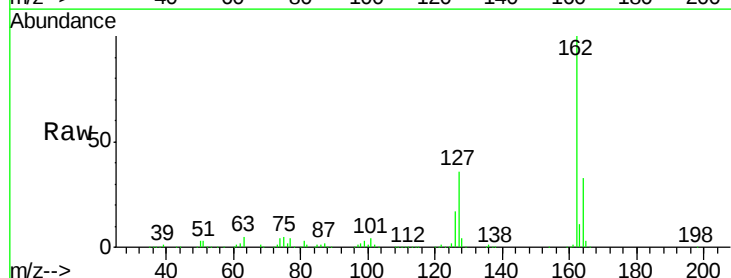
Tgt Ion:162 Resp: 811218

Ion Ratio Lower Upper

162 100

127 35.9 40.2 60.4#

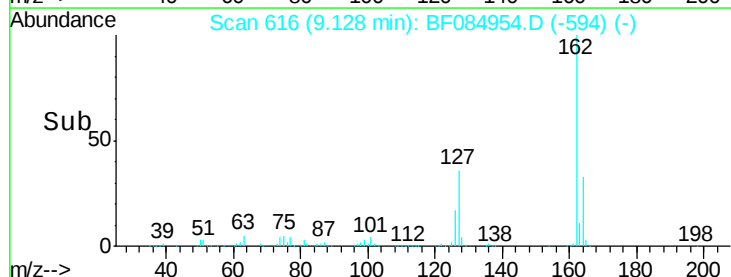
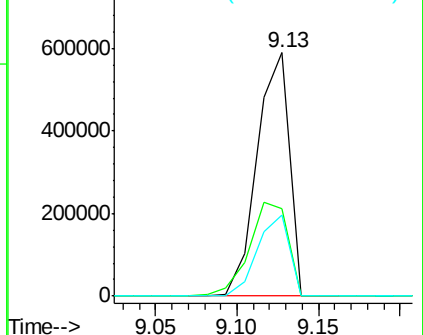
164 33.5 25.7 38.5

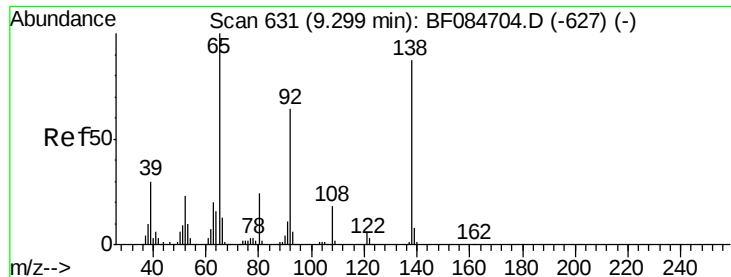


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.80 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

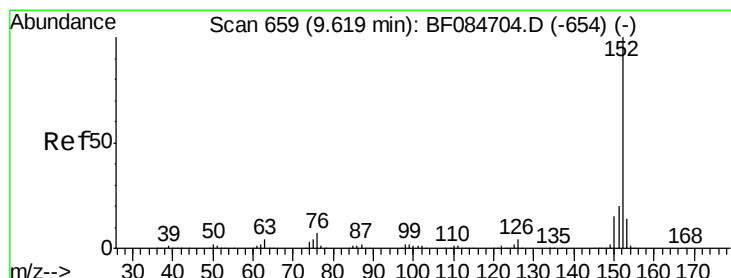
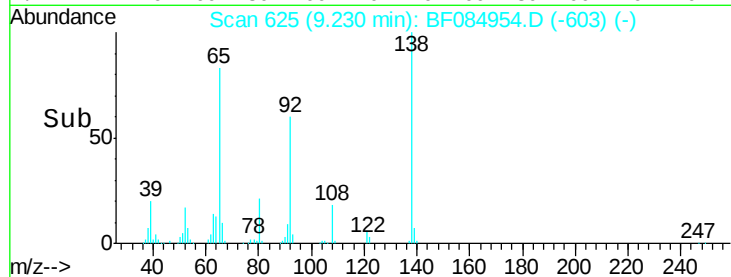
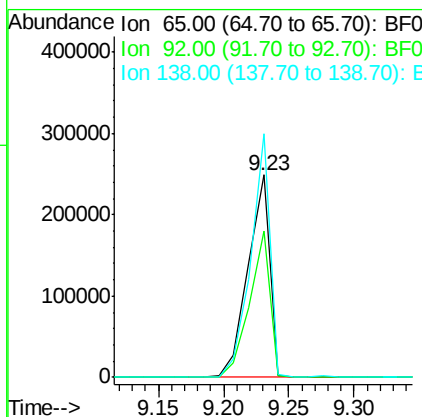
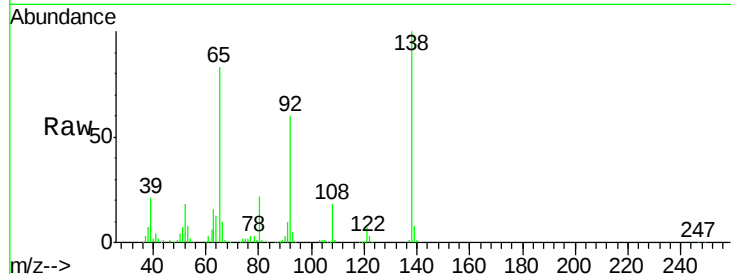
ClientSampleId :

PB88264BS

Tot Ion:	65	Resp:	288882
Ion Ratio	Lower	Upper	
65	100		
92	72.6	53.4	80.2
138	120.4	71.1	106.7

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#48

Acenaphthylene

Concen: 41.11 ng

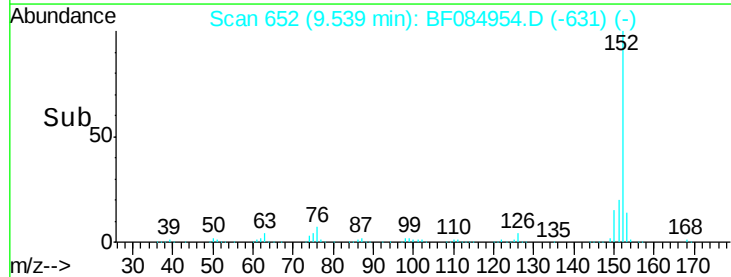
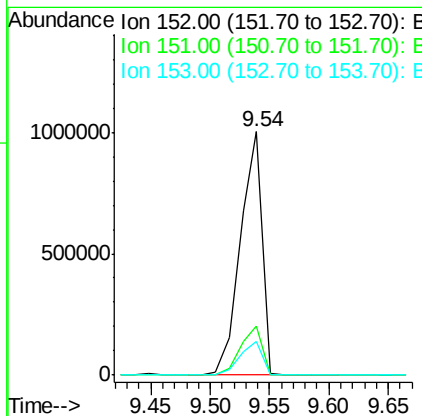
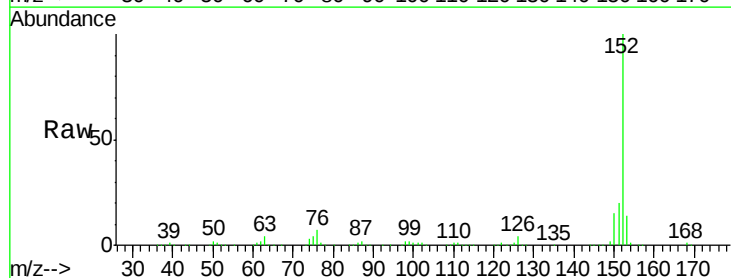
RT: 9.54 min Scan# 652

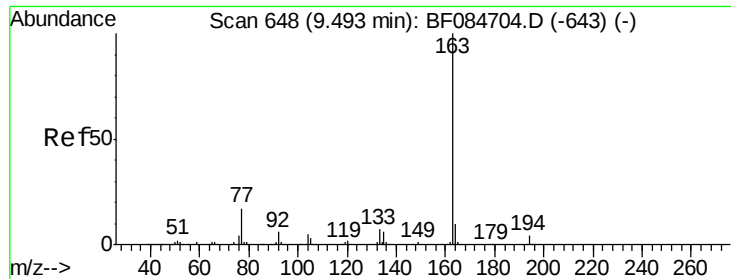
Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	152	Resp:	1270597
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.9	10.4	15.6





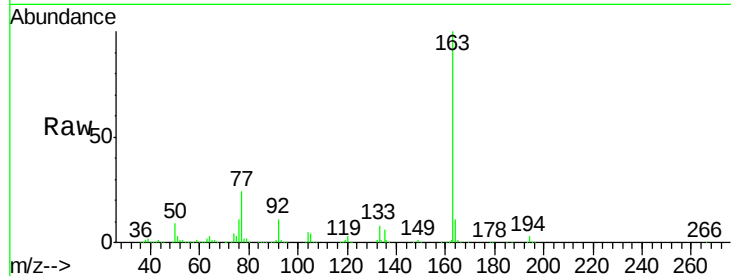
#49
Dimethylphthalate
Concen: 39.10 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0

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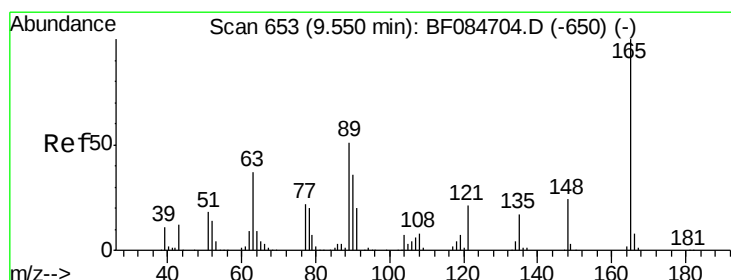
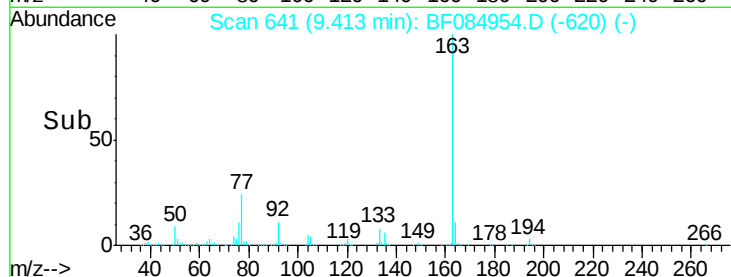
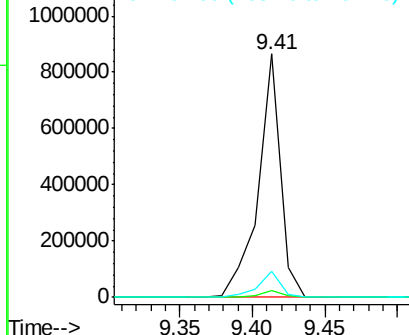


Abundance

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: 36.92 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

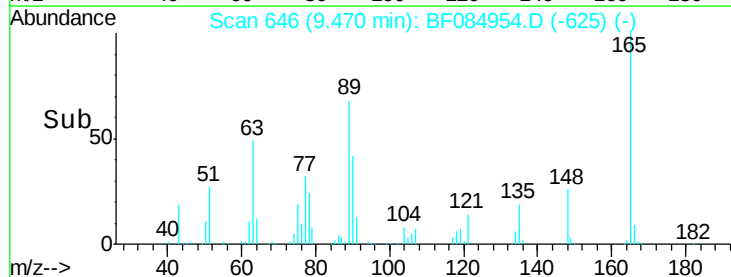
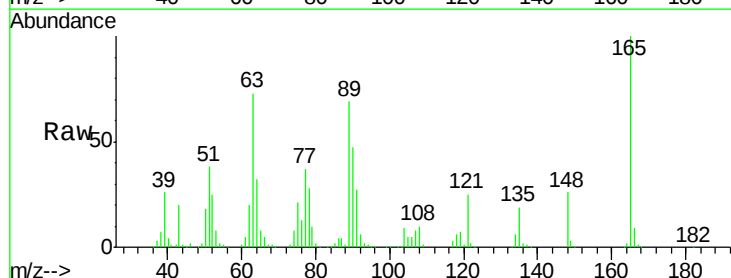
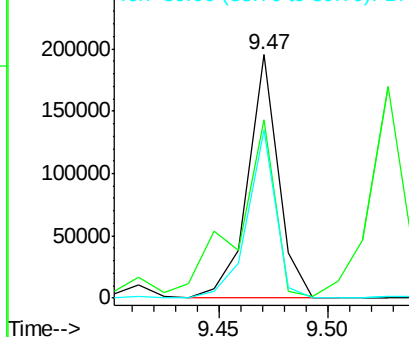
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	73.0	28.8	43.2#
89	69.0	35.1	52.7#

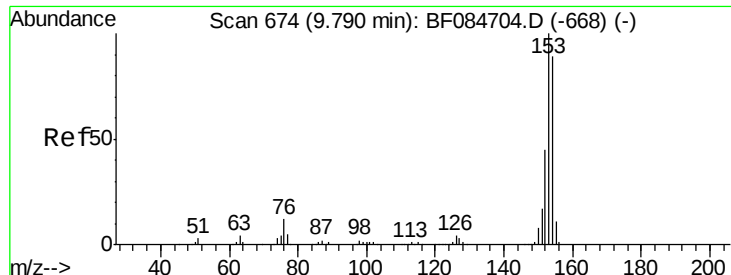
Abundance

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: 39.34 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

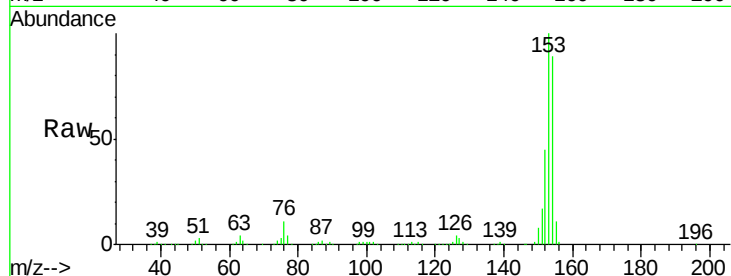
ClientSampleId :

PB88264BS

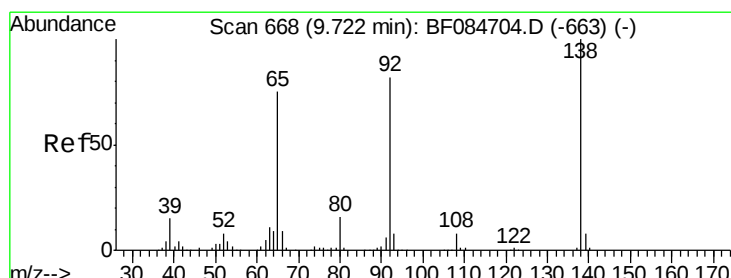
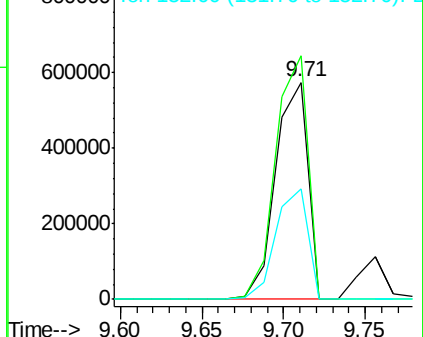
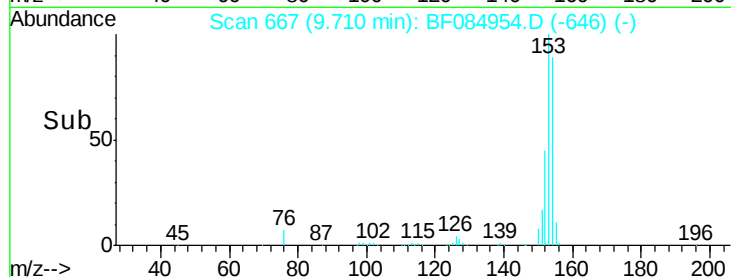
Tot Ion:	154	Resp:	791126
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.5	137.3
152	50.7	43.0	64.6

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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: 17.79 ng

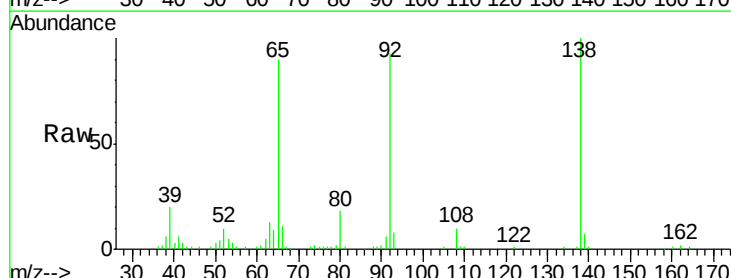
RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

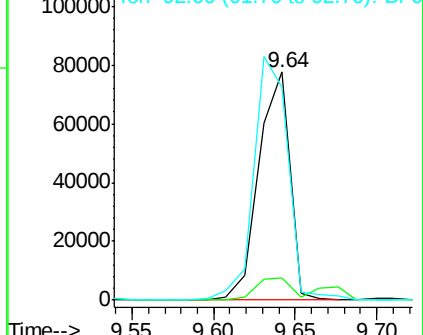
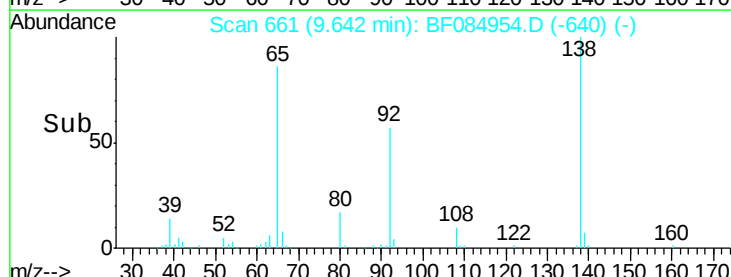
Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	138	Resp:	103004
Ion Ratio	Lower	Upper	
138	100		
108	9.6	10.5	15.7#
92	93.3	103.9	155.9#



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





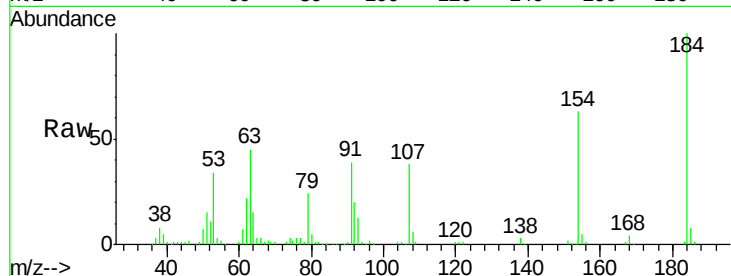
#53
 2,4-Dinitrophenol
 Concen: 83.80 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampled :
 PB88264BS

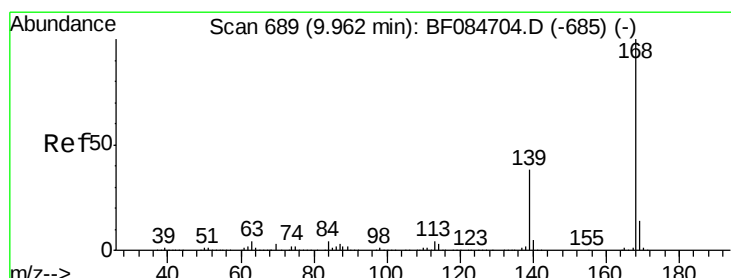
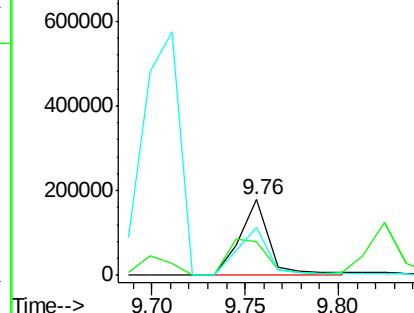
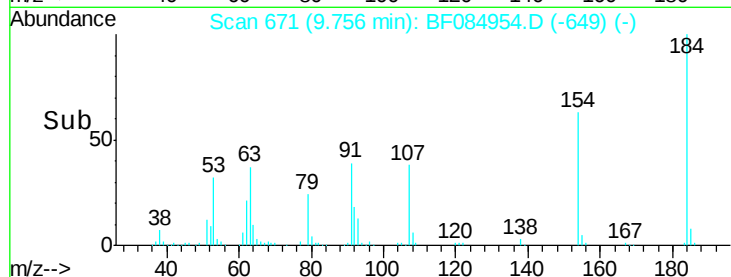
Tot Ion	Ratio	Resp	Lower	Upper
184	100	199968		
63	45.1	43.1	64.7	
154	63.0	60.5	90.7	

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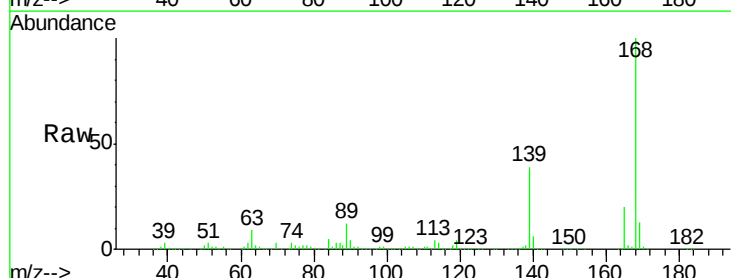


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

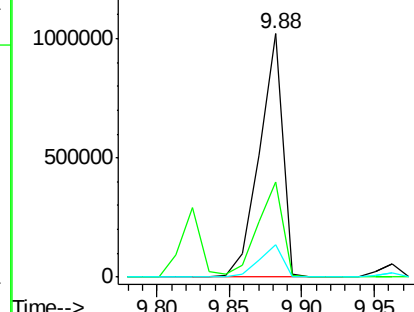
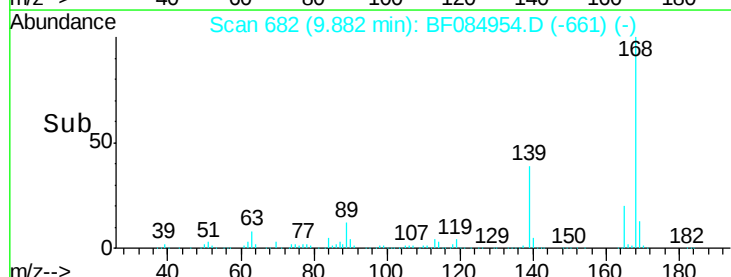


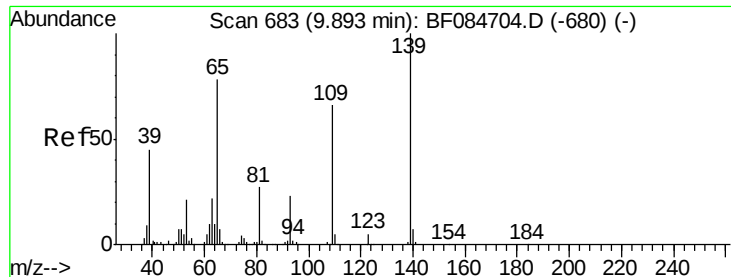
#54
 Dibenzofuran
 Concen: 46.02 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1130902		
139	39.3	30.5	45.7	
169	13.3	10.4	15.6	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.53 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

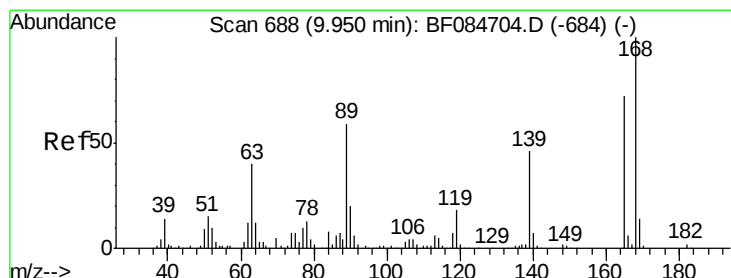
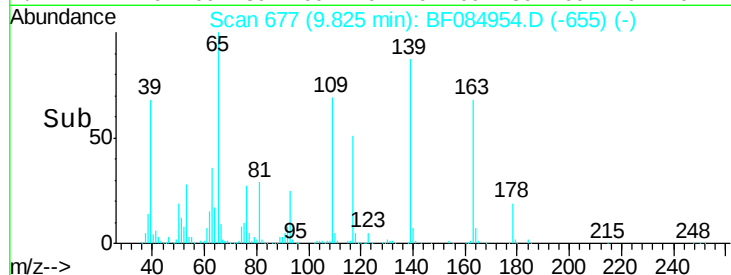
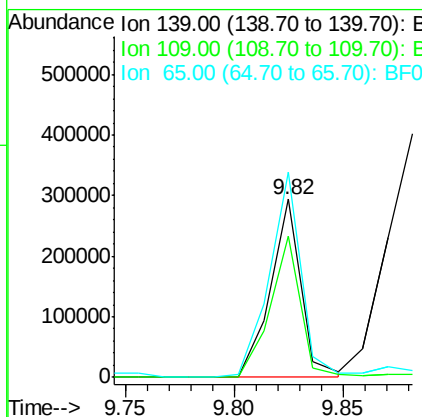
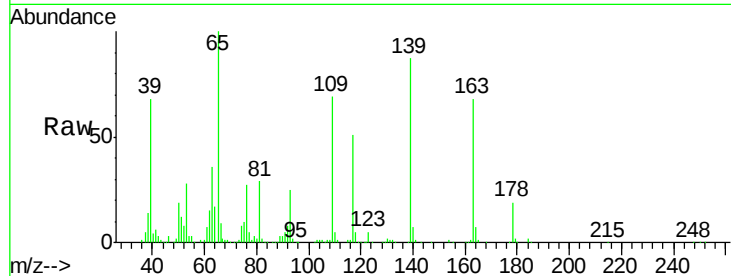
ClientSampled :

PB88264BS

Tot Ion:	139	Resp:	291566
Ion Ratio	Lower	Upper	
139	100		
109	79.6	58.5	98.5
65	115.6	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 41.92 ng

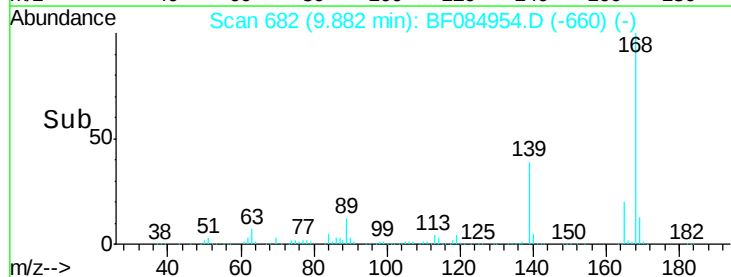
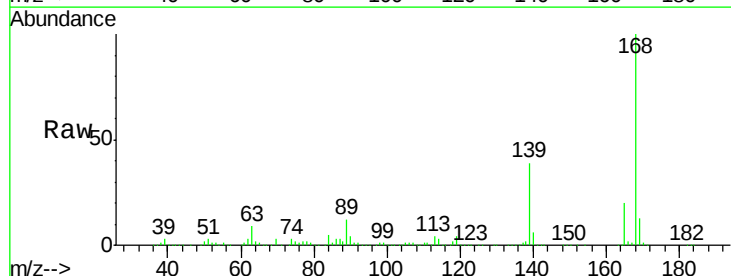
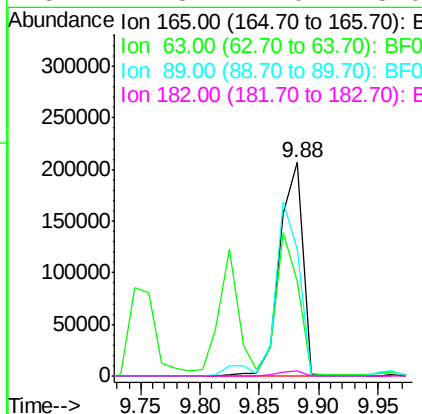
RT: 9.88 min Scan# 682

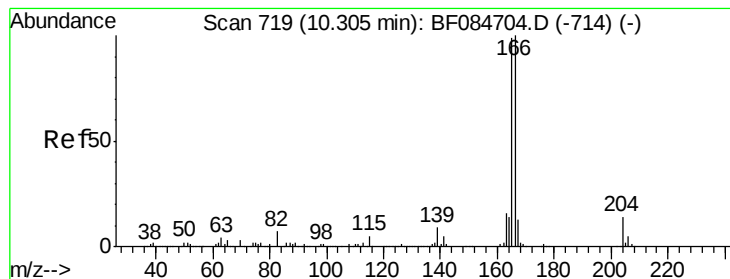
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	165	Resp:	275482
Ion Ratio	Lower	Upper	
165	100		
63	44.4	36.7	55.1
89	59.6	61.9	92.9#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 42.10 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

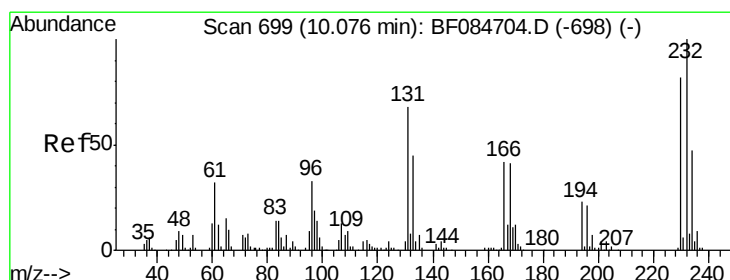
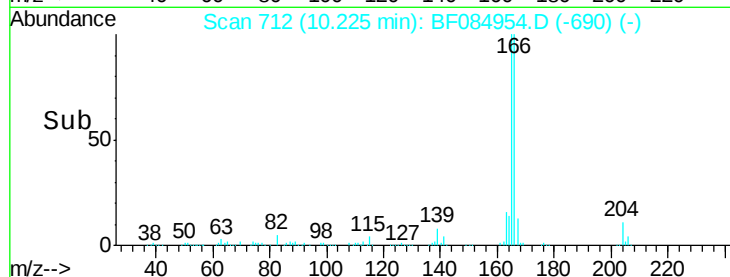
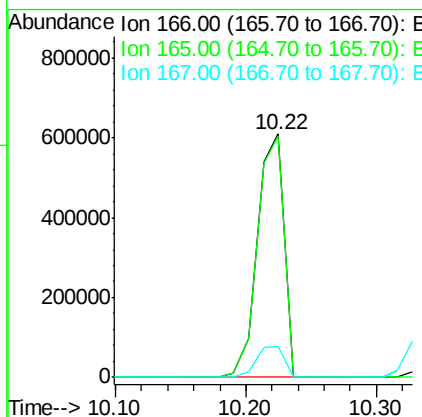
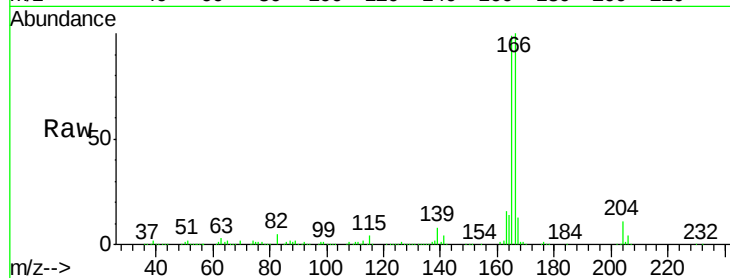
ClientSampleId :

PB88264BS

Tot Ion:	166	Resp:	864031
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.1	118.7
167	13.0	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.53 ng

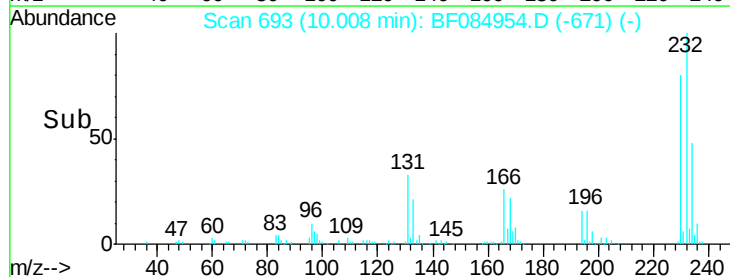
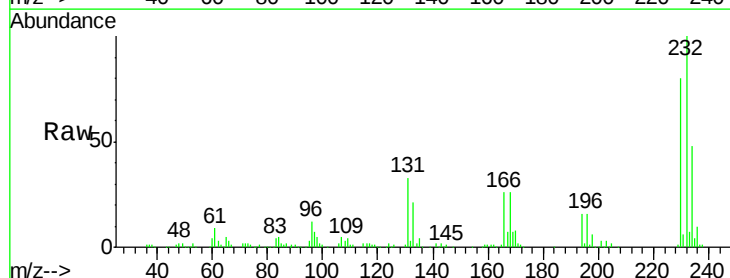
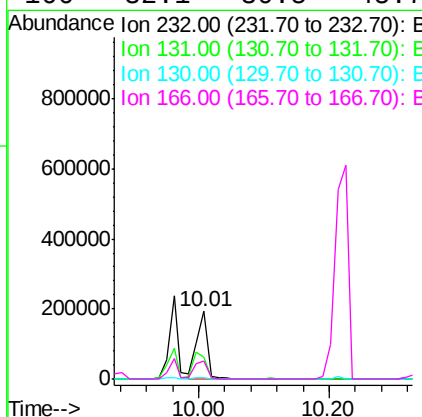
RT: 10.01 min Scan# 693

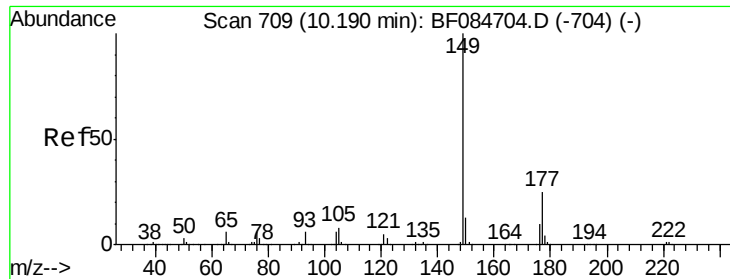
Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	232	Resp:	218222
Ion Ratio	Lower	Upper	
232	100		
131	48.6	47.0	70.6
130	2.1	2.0	3.0
166	32.1	30.5	45.7





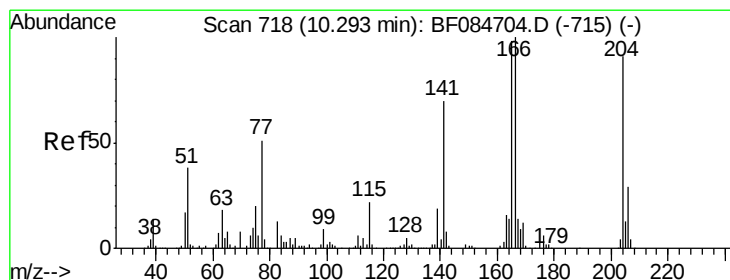
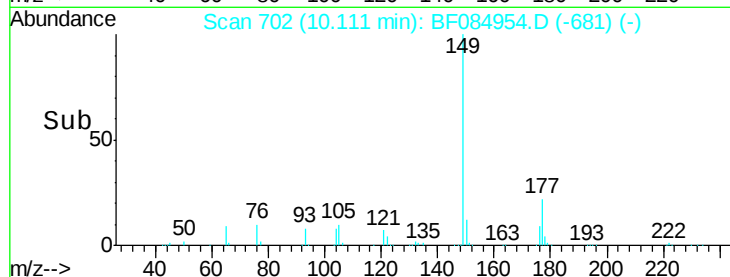
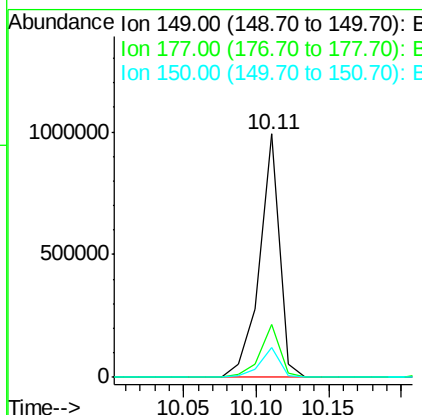
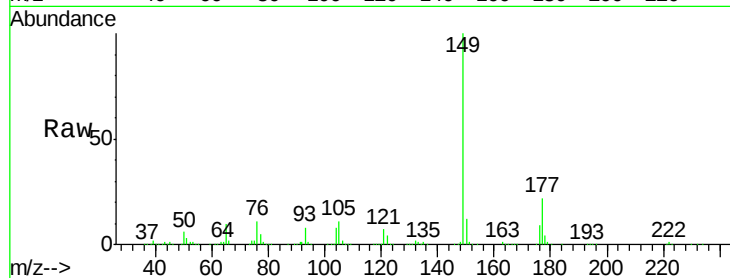
#59
Diethylphthalate
Concen: 41.16 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampled :
PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	947864		
177	21.8	17.3	25.9	
150	12.4	9.8	14.8	

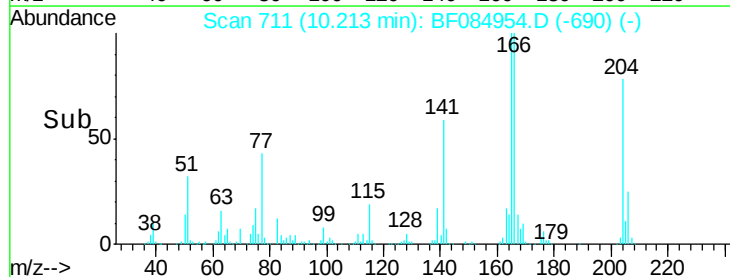
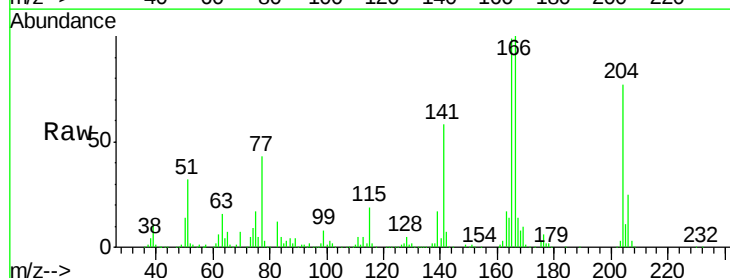
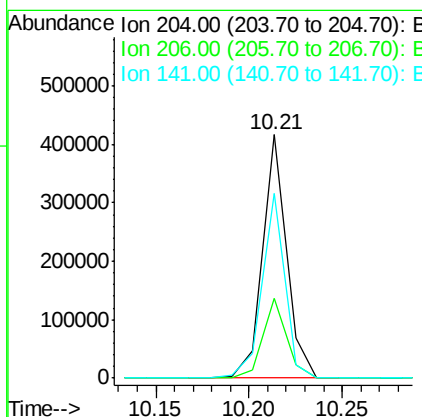
Manual Integrations
APPROVED

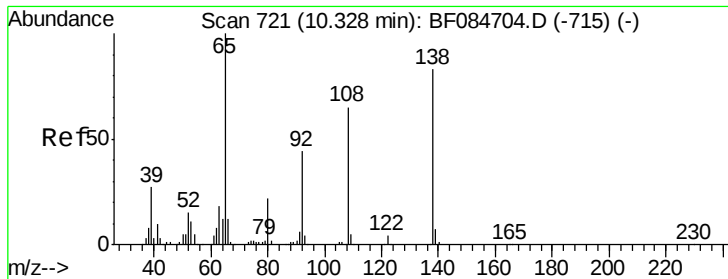
Sohil
2/10/2016 1:44:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.21 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	367803		
206	32.9	25.7	38.5	
141	75.8	55.1	82.7	





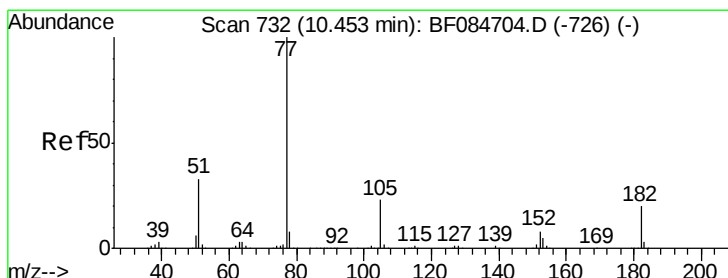
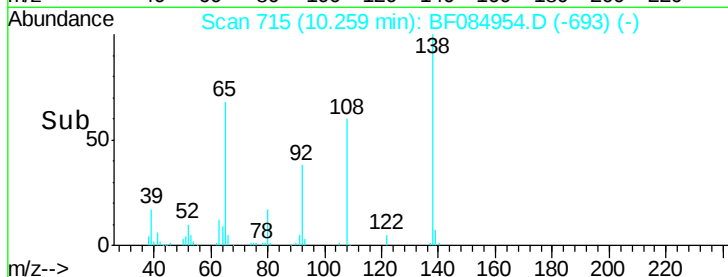
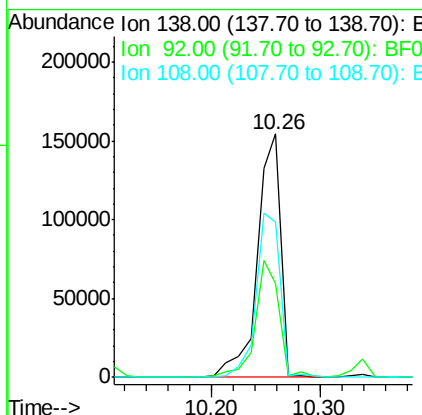
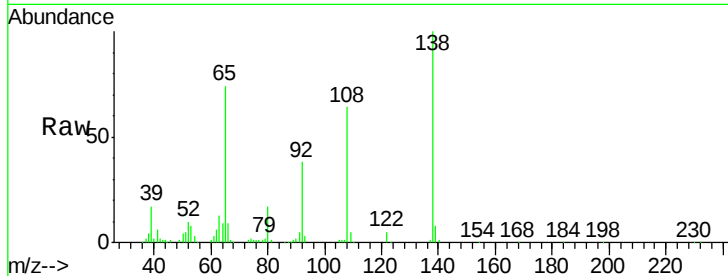
#61
4-Nitroaniline
Concen: 41.18 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.4	32.6	72.6
108	64.0	68.6	108.6

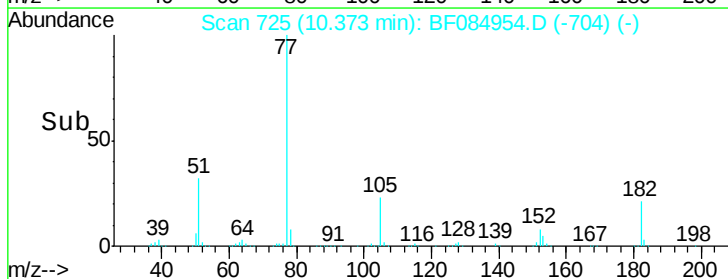
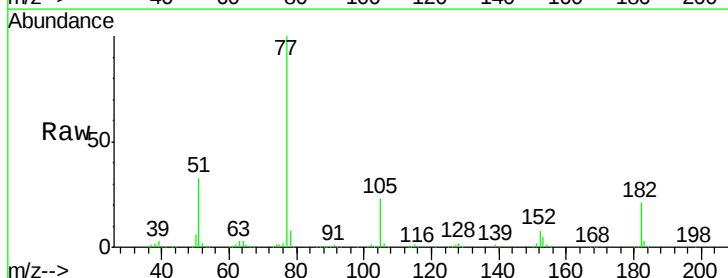
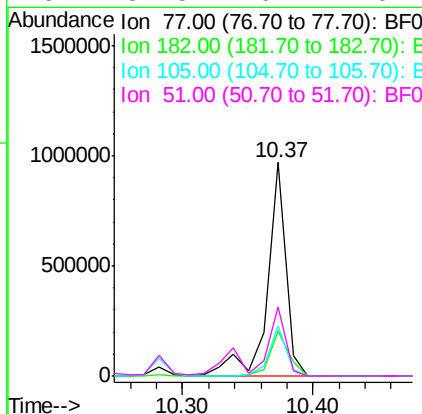
Manual Integrations
APPROVED

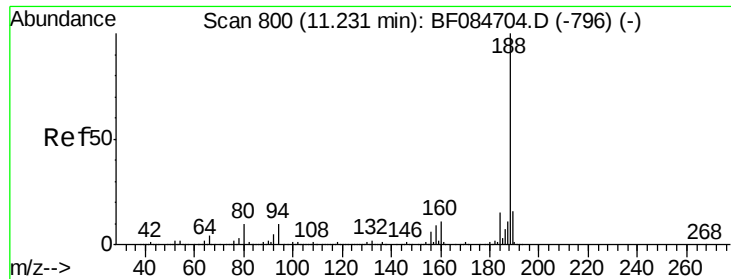
Sohil
2/10/2016 1:44:58 PM



#62
Azobenzene
Concen: 44.44 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	8.3	48.3
105	23.5	4.6	44.6
51	32.5	6.2	46.2





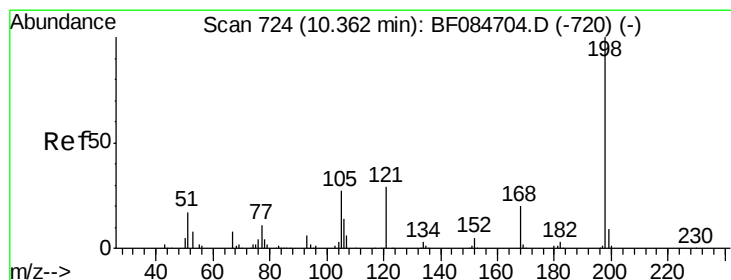
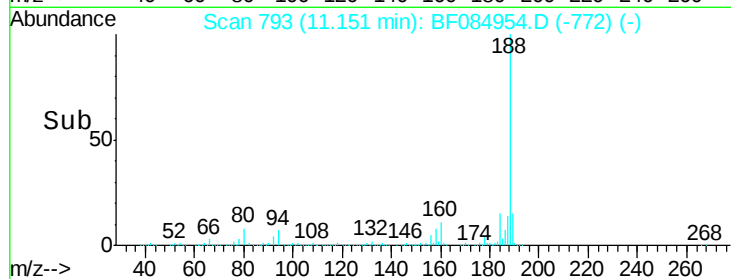
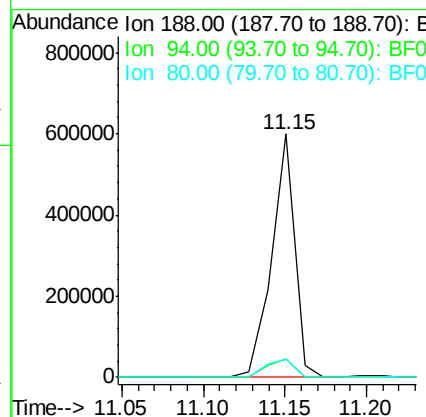
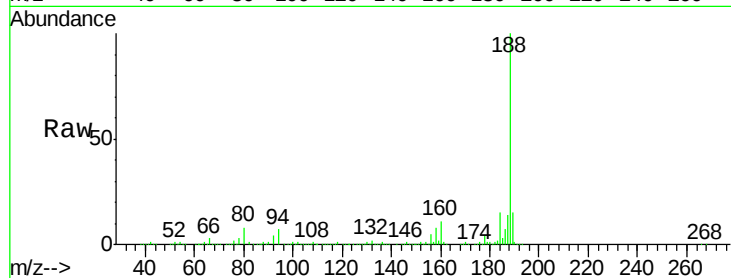
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.7	9.6	14.4#

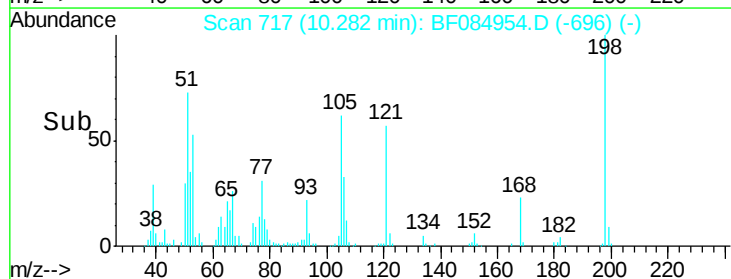
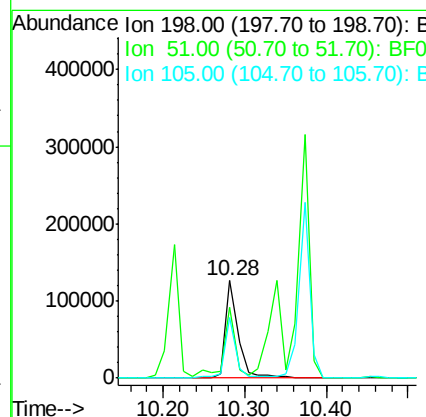
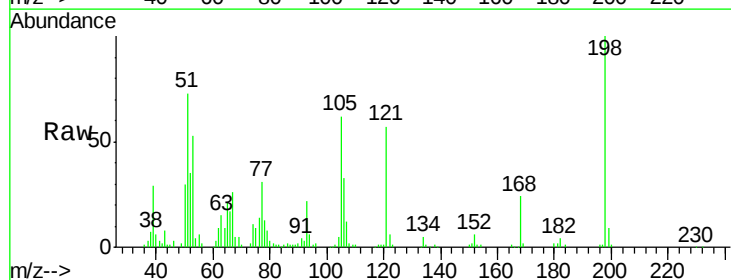
Manual Integrations
APPROVED

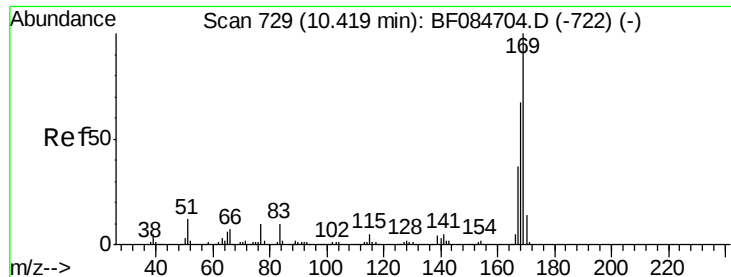
Sohil
2/10/2016 1:44:58 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.26 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	73.1	18.9	58.9#
105	62.4	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 43.47 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleID :

PB88264BS

Tot Ion:169 Resp: 813098

Ion Ratio Lower Upper

169 100

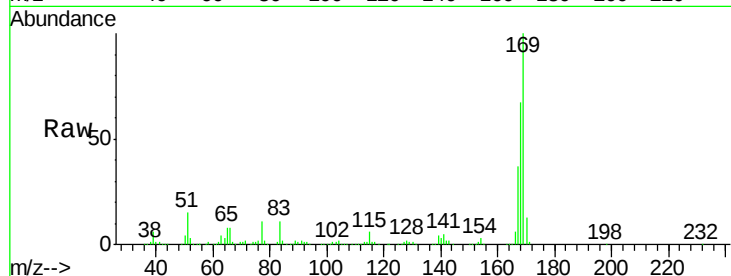
168 67.4 55.1 82.7

167 36.7 30.0 45.0

Manual Integrations
APPROVED

Sohil

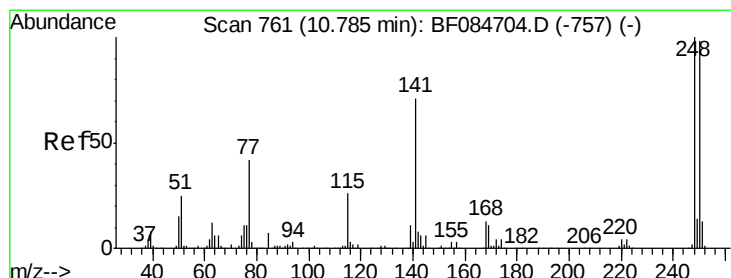
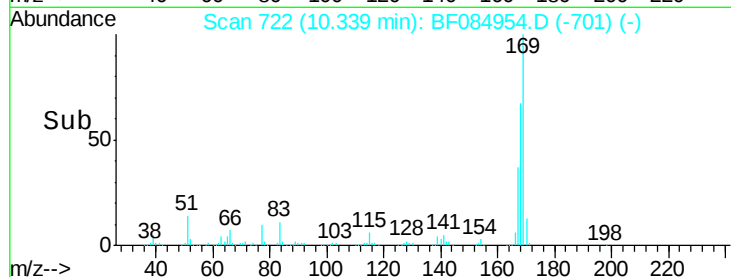
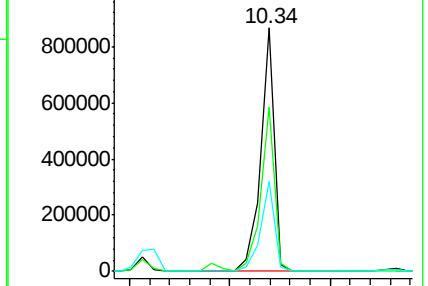
2/10/2016 1:44:58 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.10 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

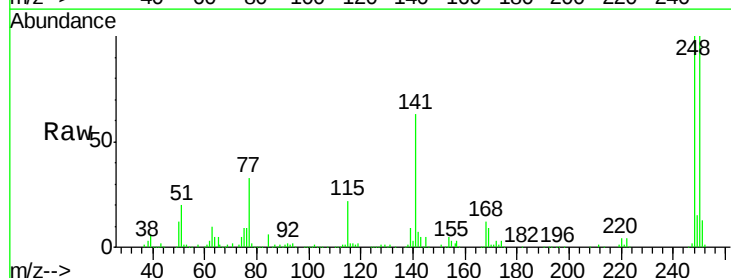
Tgt Ion:248 Resp: 280385

Ion Ratio Lower Upper

248 100

250 100.2 78.4 117.6

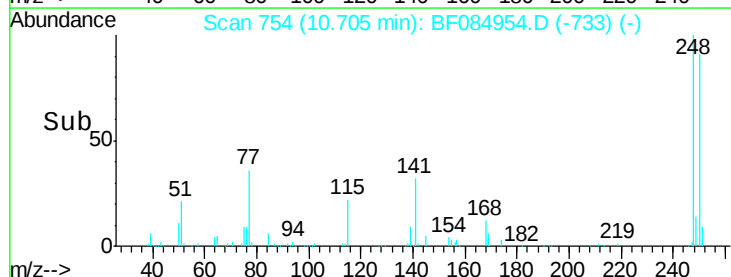
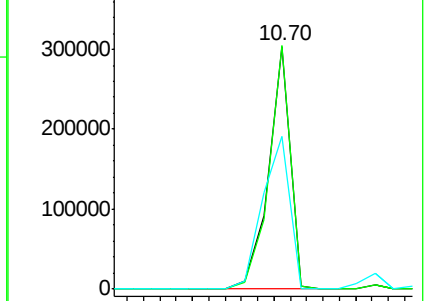
141 62.9 44.0 66.0

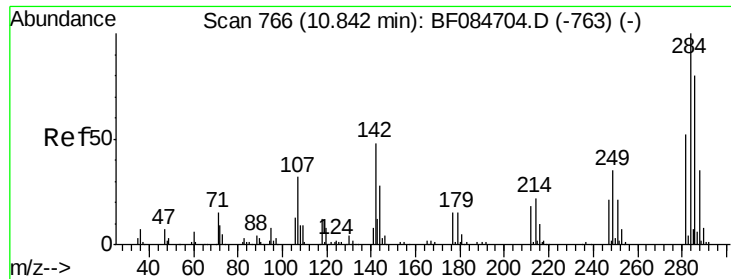


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





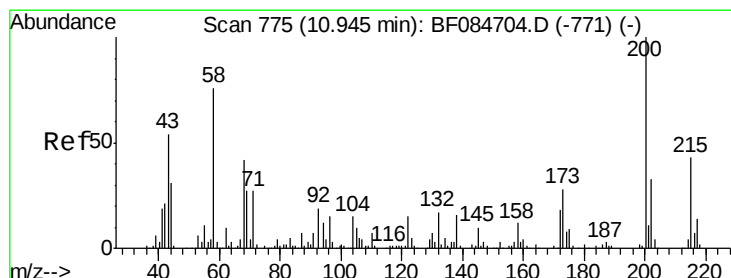
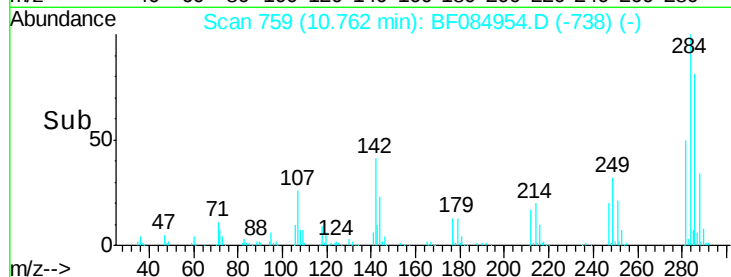
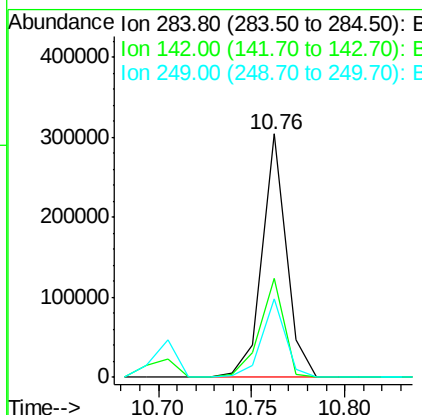
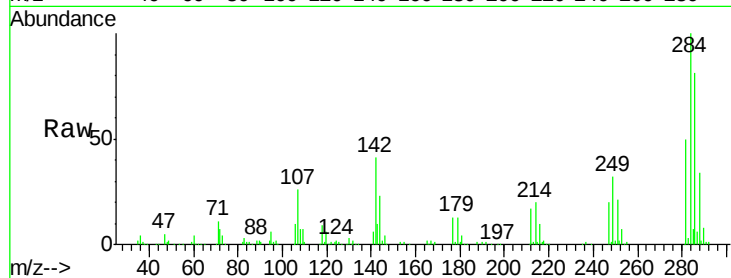
#67
Hexachlorobenzene
Concen: 38.47 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	272713		
142	40.7	22.2	33.4#	
249	32.3	24.6	37.0	

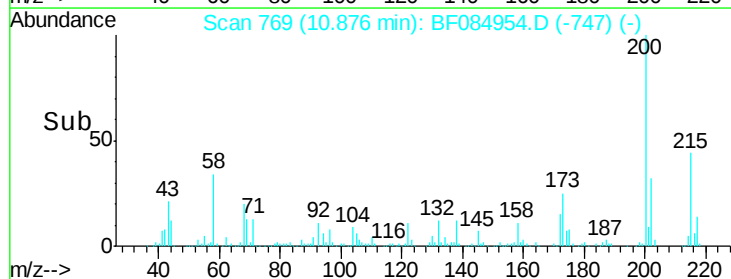
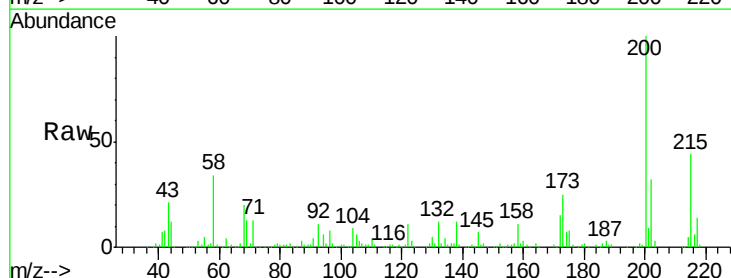
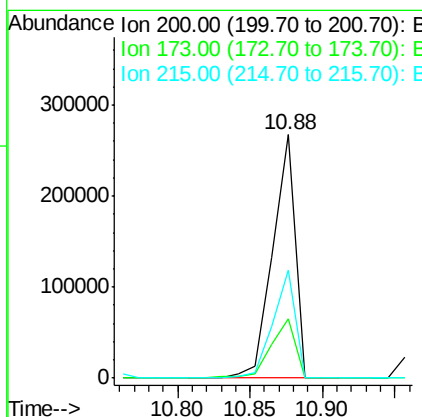
Manual Integrations
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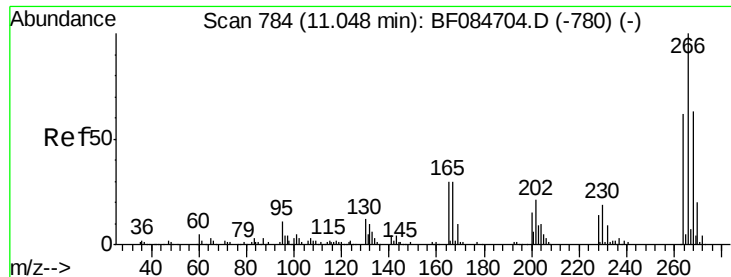
Sohil
2/10/2016 1:44:58 PM



#68
Atrazine
Concen: 48.65 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	287382		
173	24.5	9.5	49.5	
215	44.3	23.8	63.8	





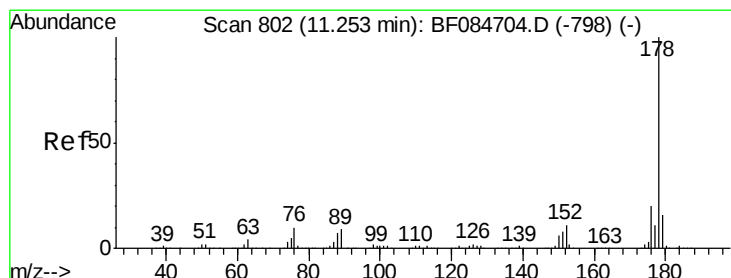
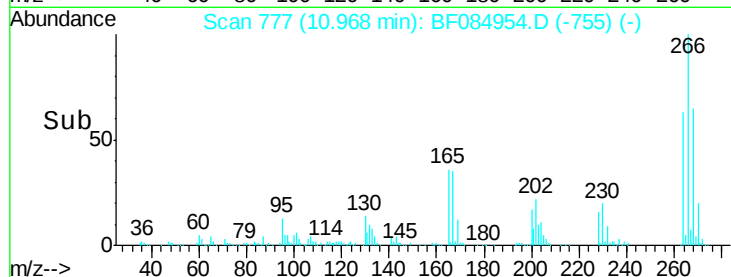
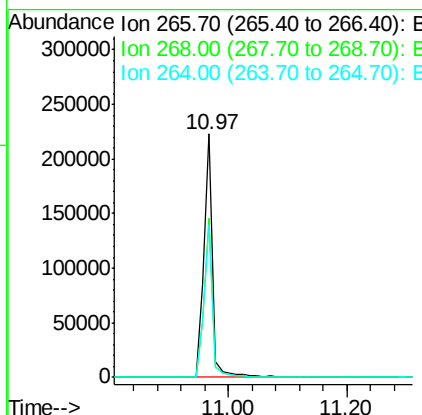
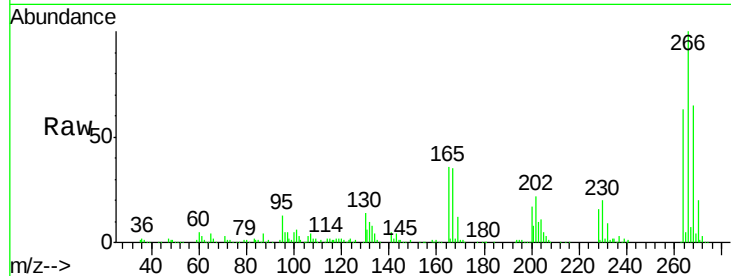
#69
 Pentachlorophenol
 Concen: 71.22 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.4	78.6
264	62.6	50.2	75.2

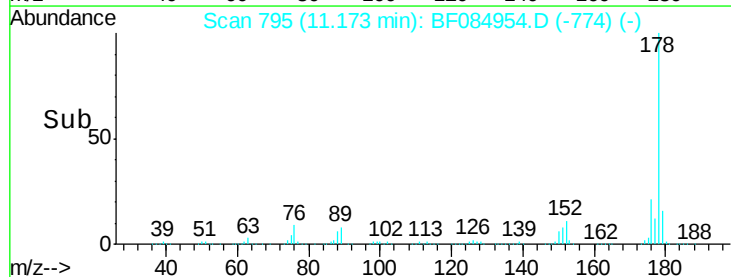
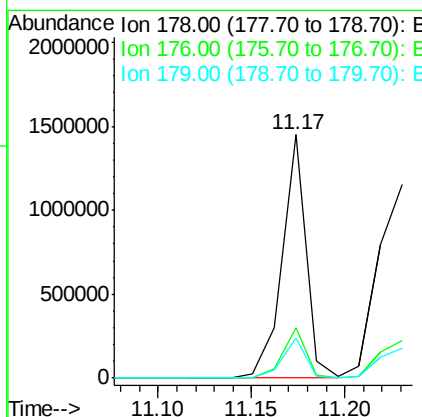
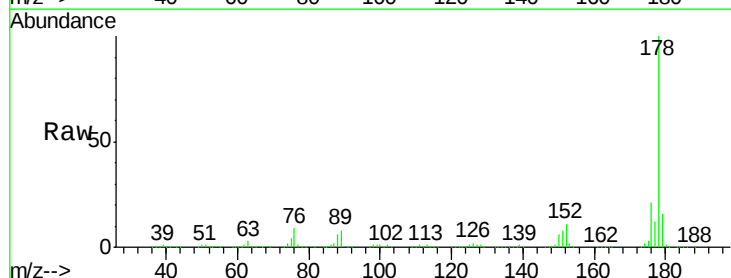
Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:58 PM



#70
 Phenanthrene
 Concen: 39.54 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

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





#71
 Anthracene
 Concen: 42.50 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

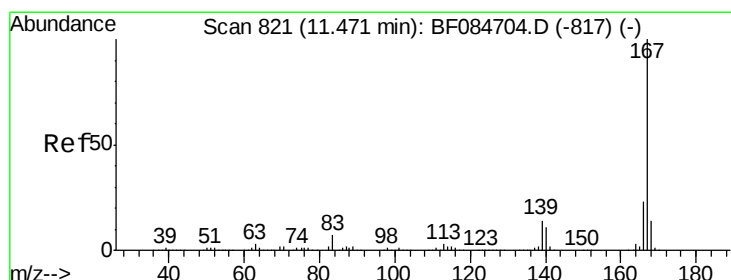
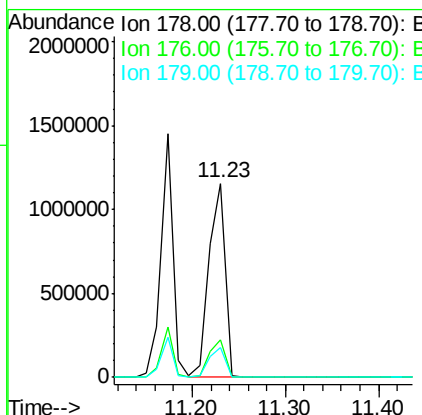
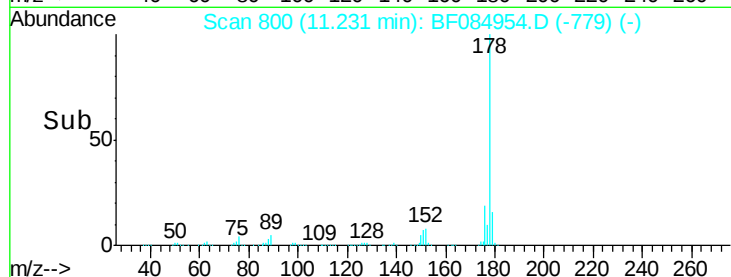
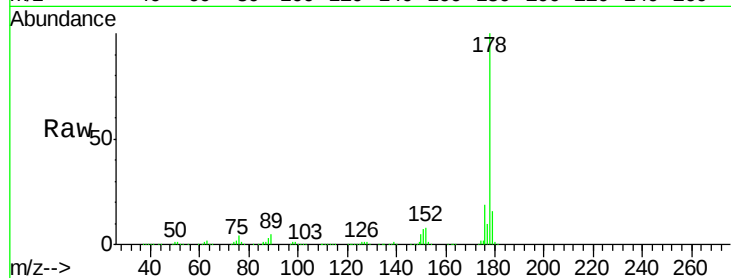
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion:178 Resp: 1399005

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.5	18.7

Manual Integrations
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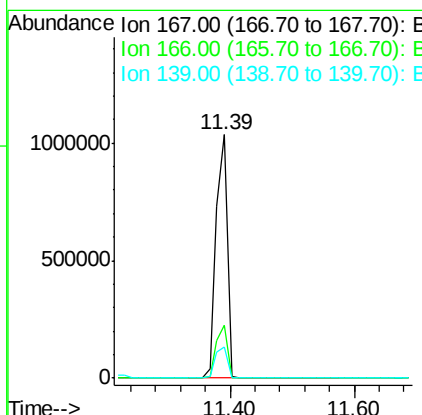
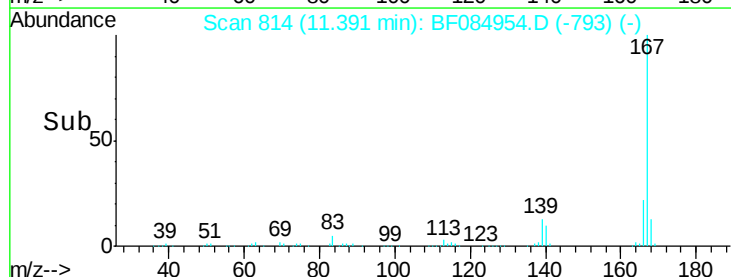
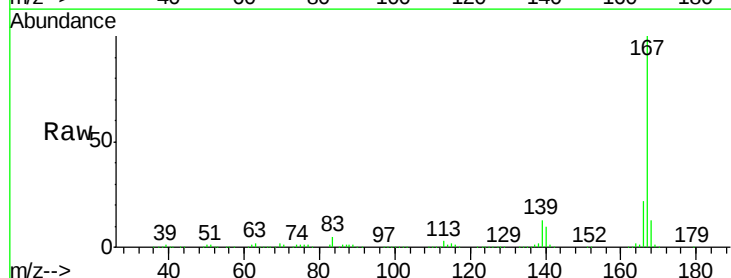
Sohil
 2/10/2016 1:44:58 PM



#72
 Carbazole
 Concen: 43.69 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:167 Resp: 1254206

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 38.09 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tot Ion:149 Resp: 1392053

Ion Ratio Lower Upper

149 100

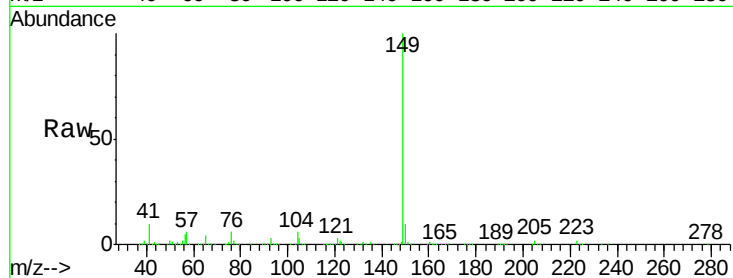
150 9.8 7.1 10.7

104 5.9 3.2 4.8#

Manual Integrations
APPROVED

Sohil

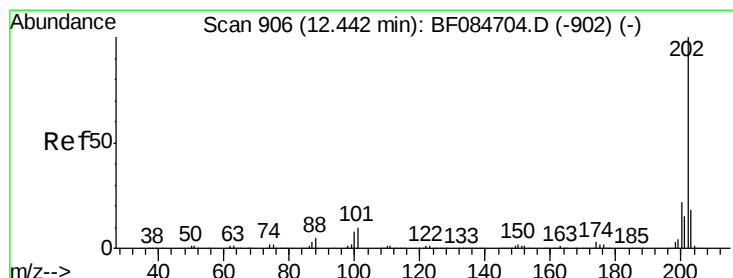
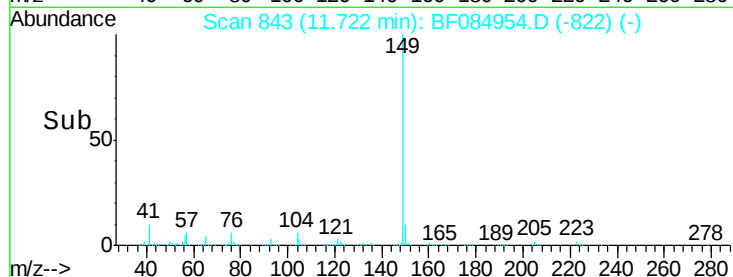
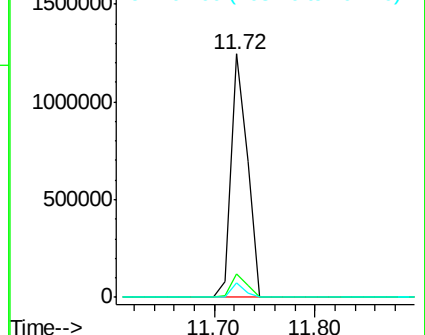
2/10/2016 1:44:58 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.46 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.07 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

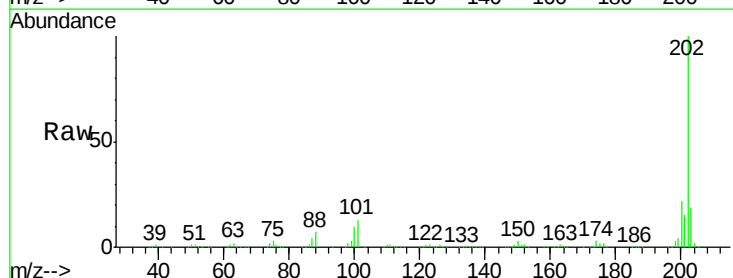
Tgt Ion:202 Resp: 1271682

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

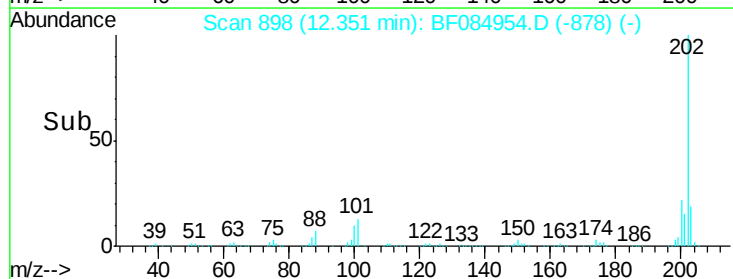
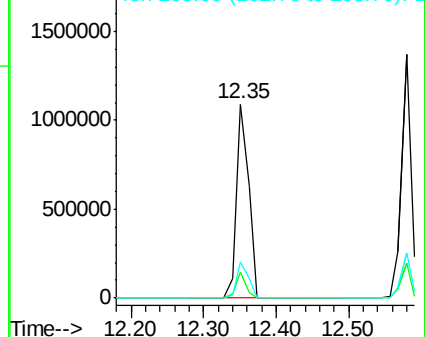
203 18.6 0.0 37.9

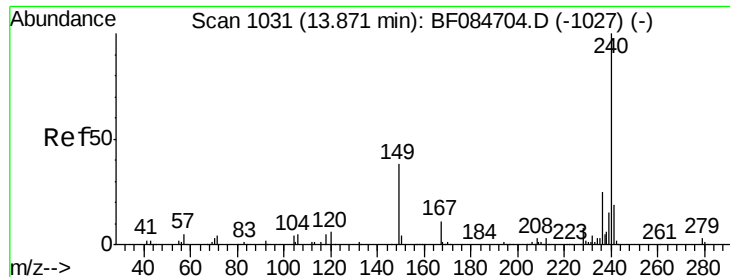


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

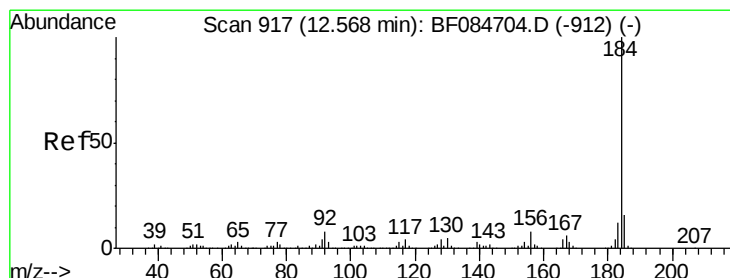
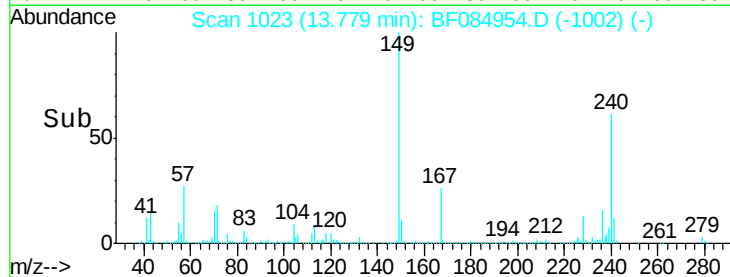
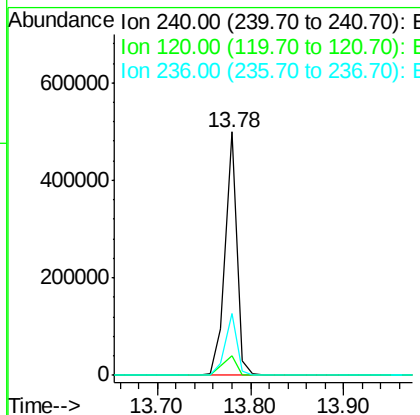
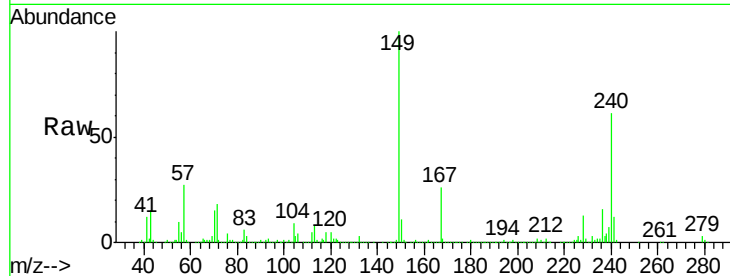
ClientSampleId :

PB88264BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.4	20.6	31.0

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#76

Benzidine

Concen: 23.74 ng

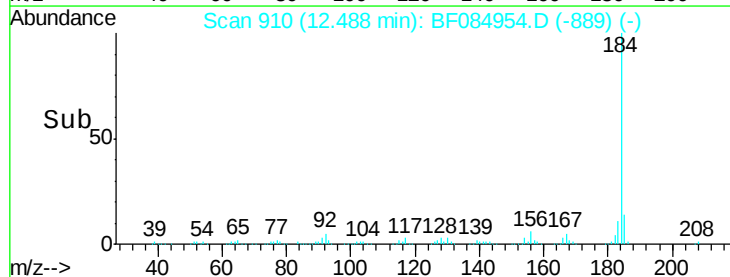
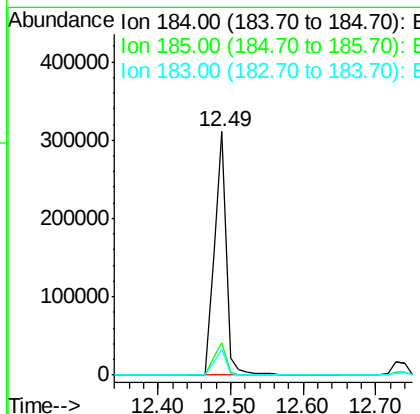
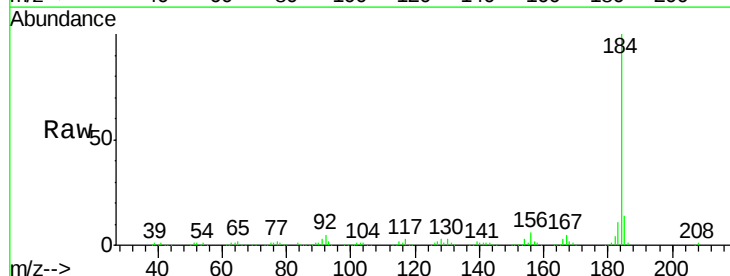
RT: 12.49 min Scan# 910

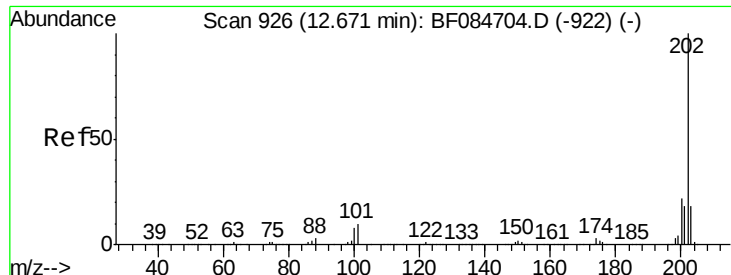
Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.2	18.2
183	10.6	9.8	14.8





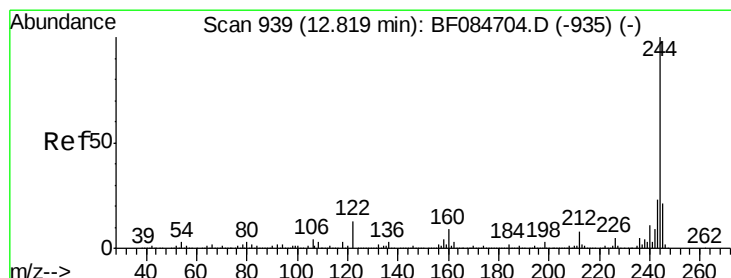
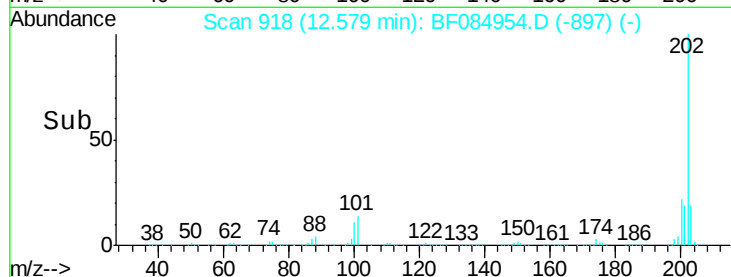
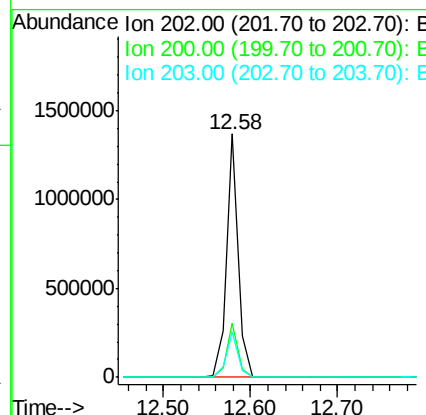
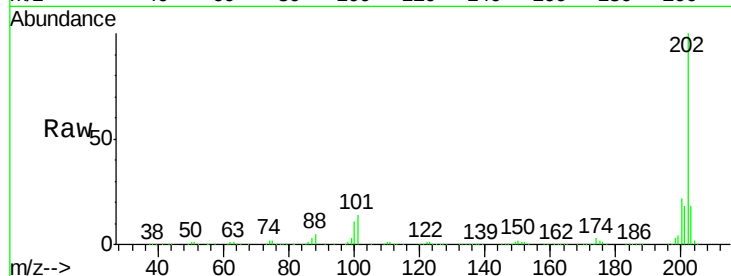
#77
Pvrene
Concen: 38.79 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.5	14.3	21.5

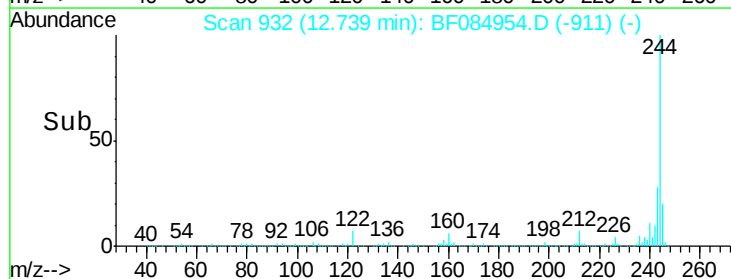
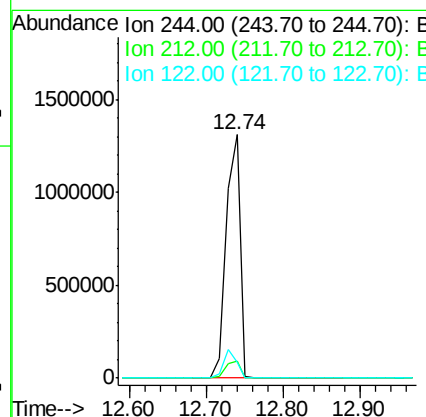
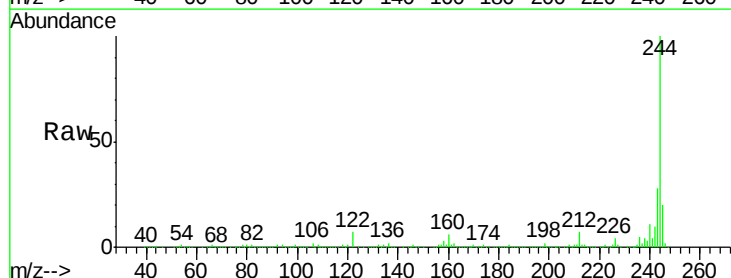
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#78
Terphenyl-d14
Concen: 88.03 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	6.6	7.4	11.0





#79

Butylbenzylphthalate

Concen: 41.29 ng

RT: 13.22 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

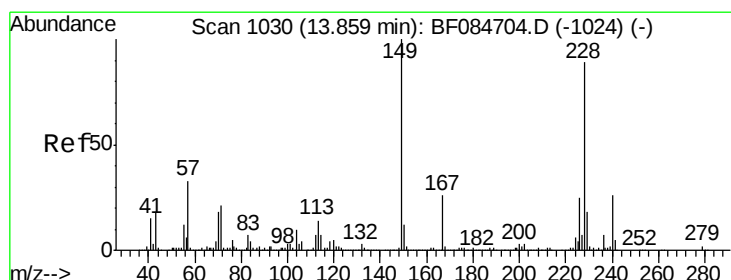
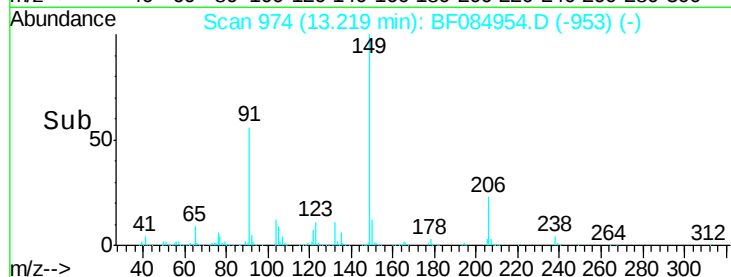
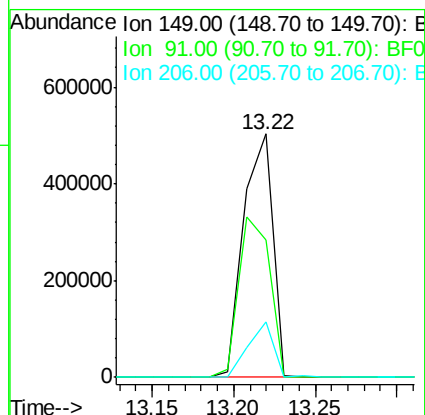
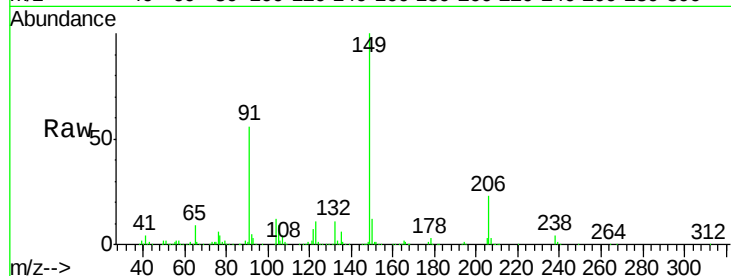
ClientSampleId :

PB88264BS

Tot Ion:	149	Resp:	623831
Ion Ratio	Lower	Upper	
149	100		
91	56.2	57.6	86.4#
206	22.8	13.2	19.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 42.81 ng

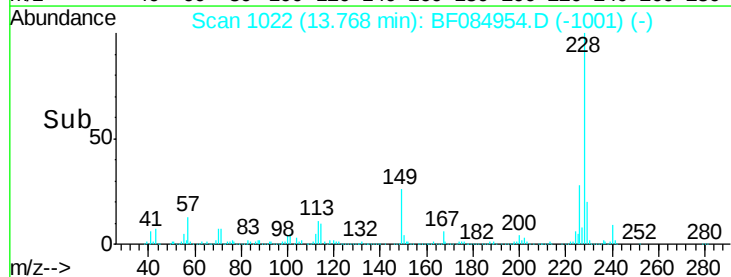
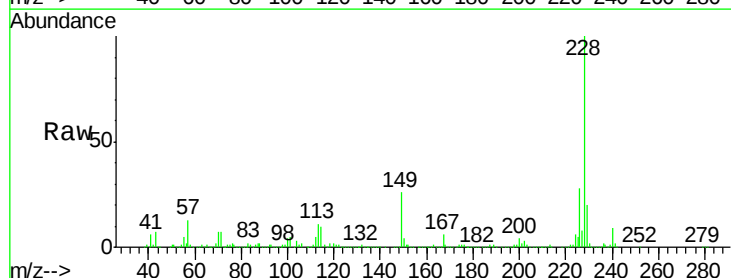
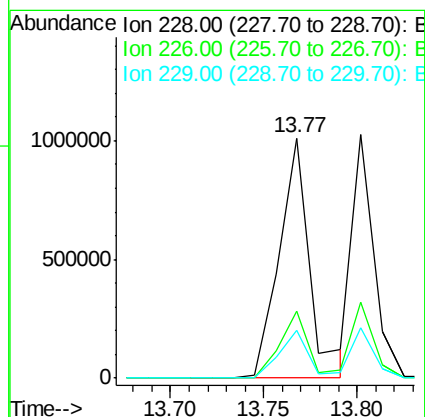
RT: 13.77 min Scan# 1022

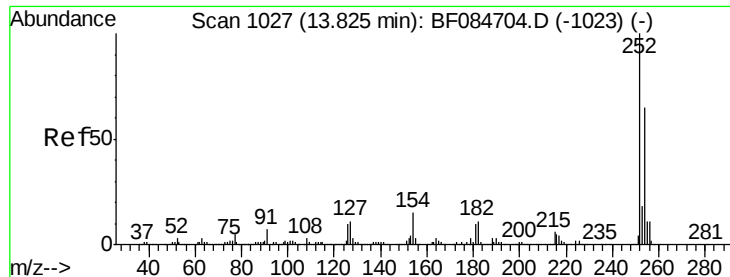
Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	228	Resp:	1155590
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.8	32.6
229	20.1	15.8	23.8





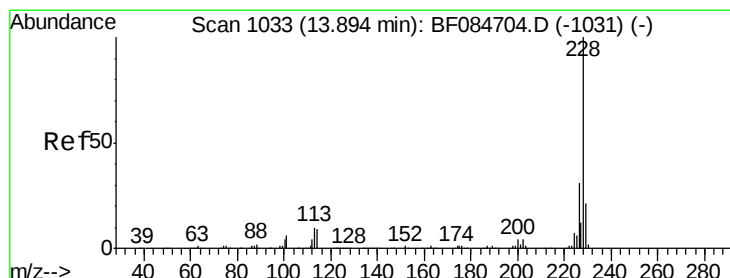
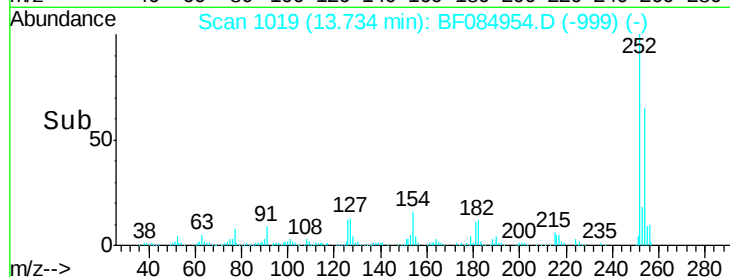
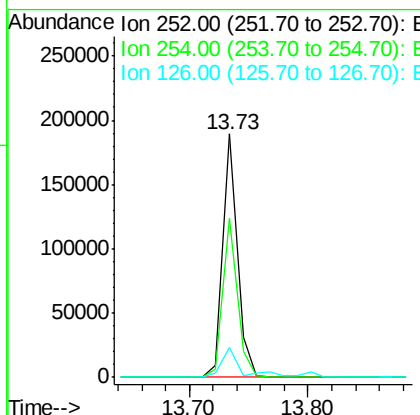
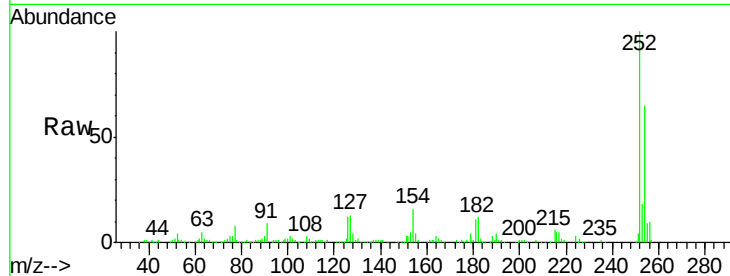
#81
 3,3'-Dichlorobenzidine
 Concen: 16.69 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	53.5	80.3
126	12.1	4.9	7.3

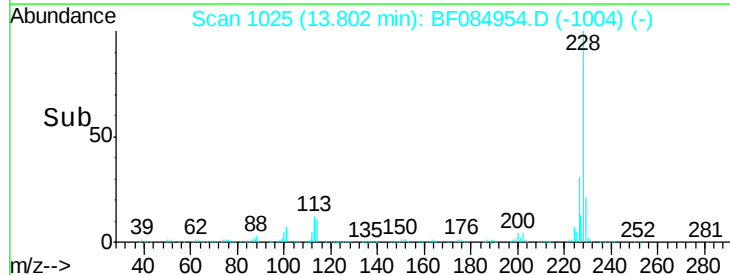
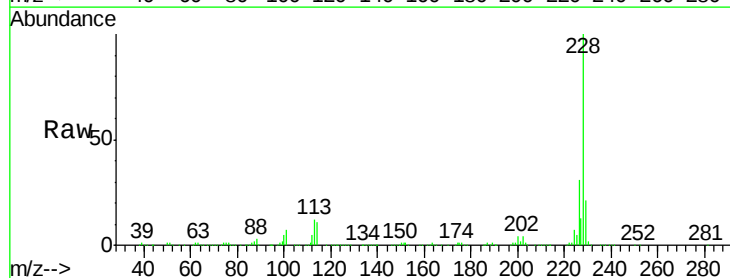
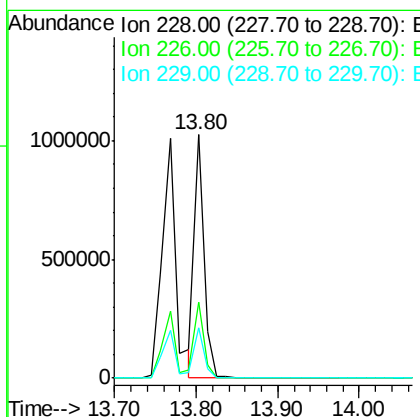
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#82
 Chrysene
 Concen: 32.77 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.7	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.10 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

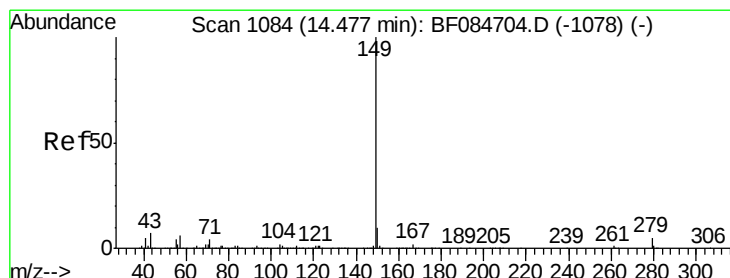
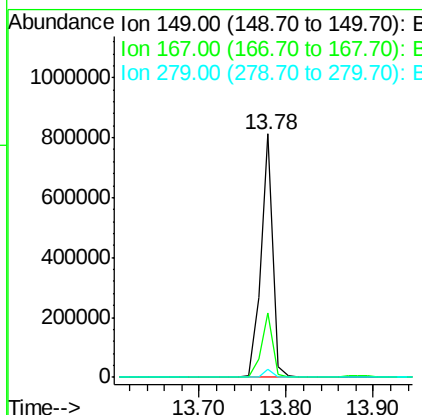
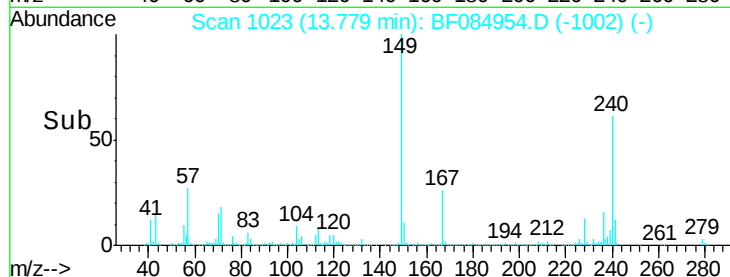
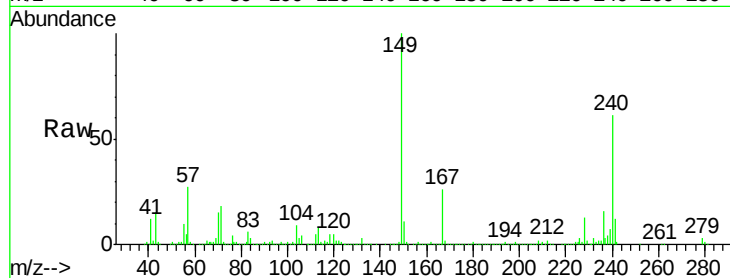
ClientSampled :

PB88264BS

Tot Ion:	149	Resp:	772687
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.7	29.5
279	3.1	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.72 ng

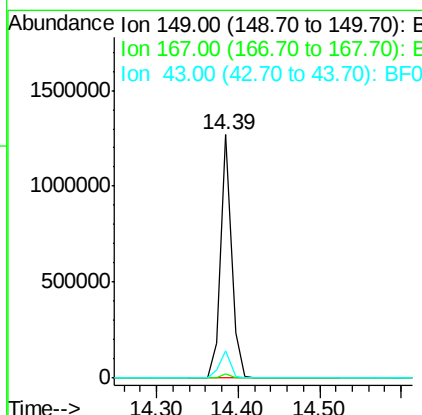
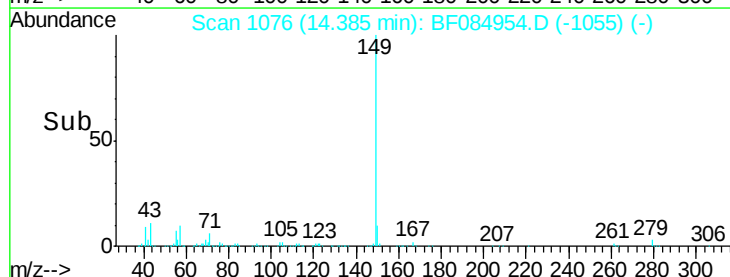
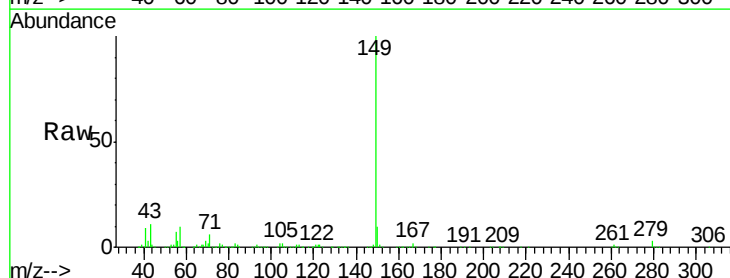
RT: 14.39 min Scan# 1076

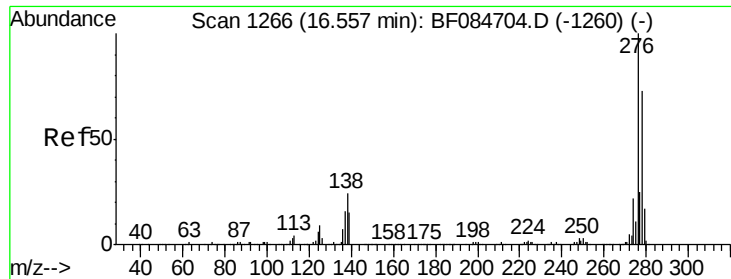
Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	149	Resp:	1169891
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.6	5.6	8.4#





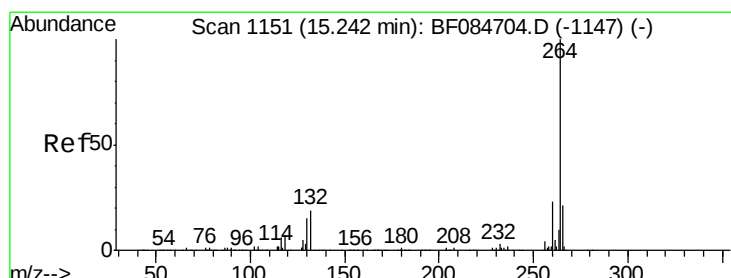
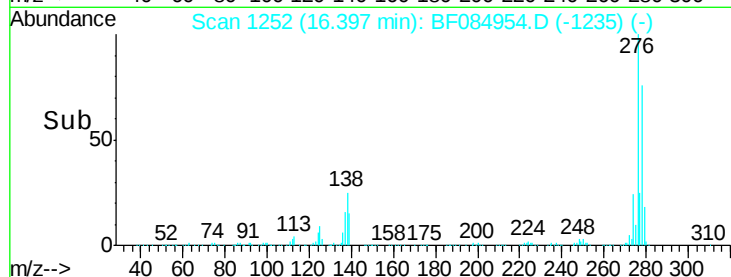
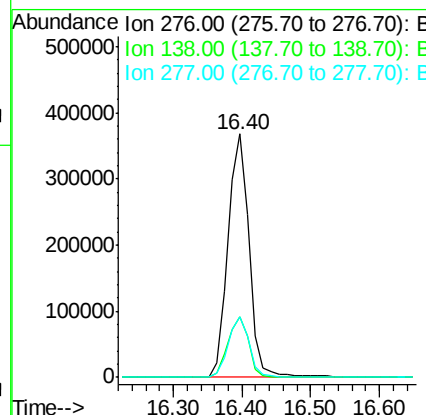
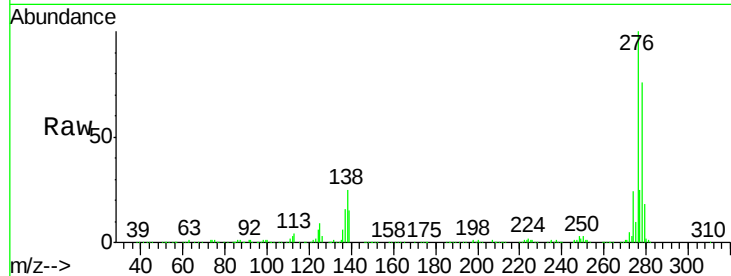
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.05 ng
 RT: 16.40 min Scan# 1252
 Delta R.T. -0.10 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	25.0	20.1	30.1

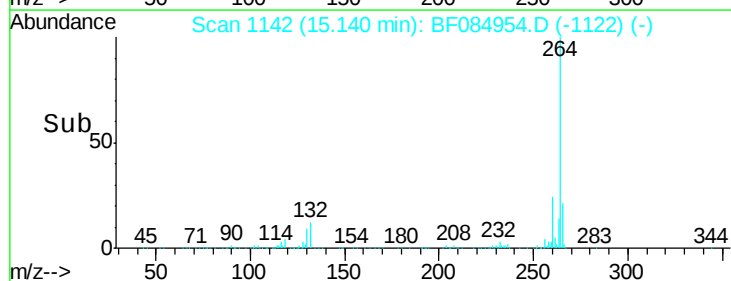
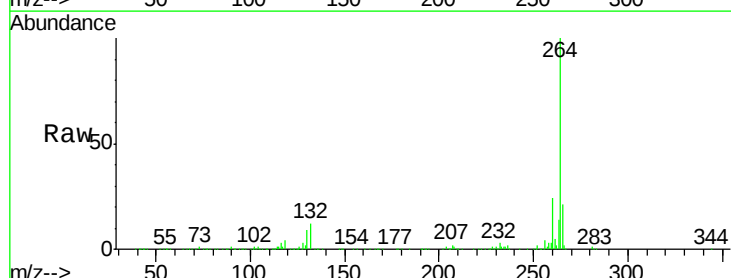
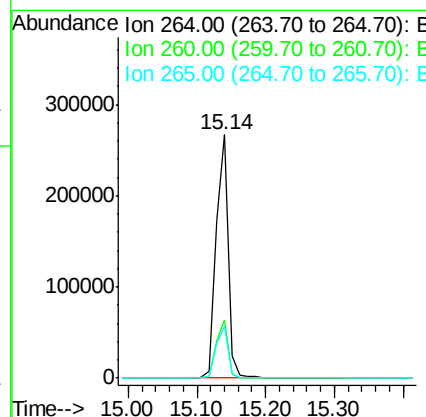
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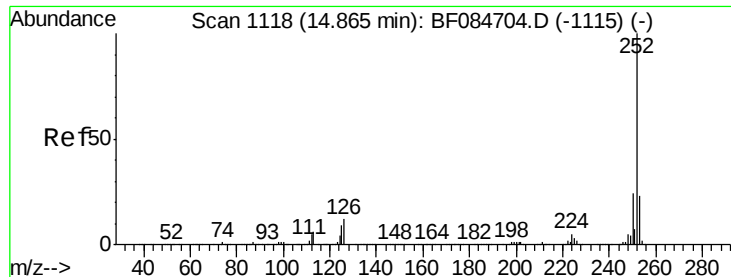
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 47.65 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tot Ion:252 Resp: 1061585

Ion Ratio Lower Upper

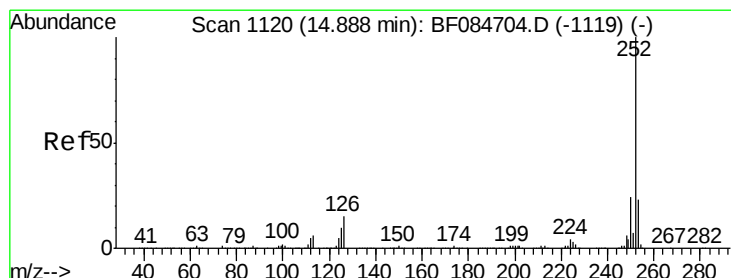
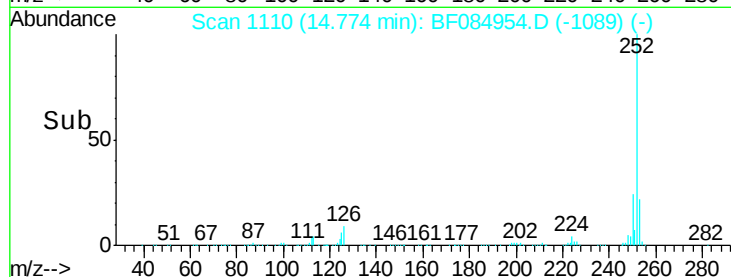
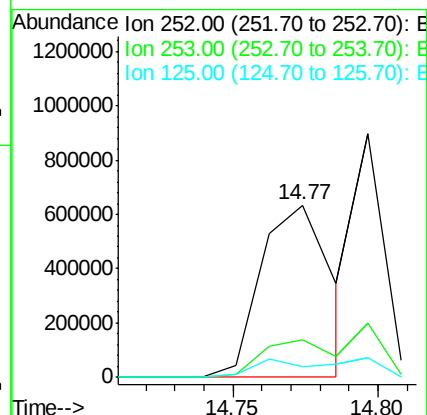
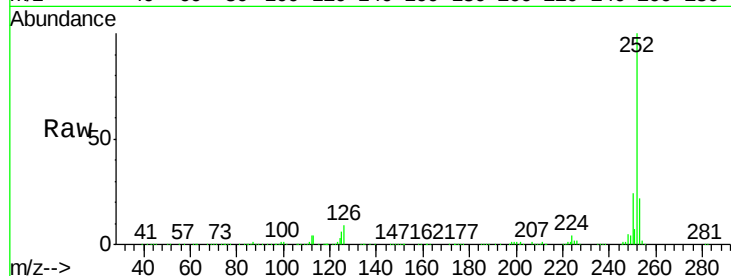
252 100

253 21.7 17.3 25.9

125 6.2 6.5 9.7#

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#88

Benzo(k)fluoranthene

Concen: 36.82 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

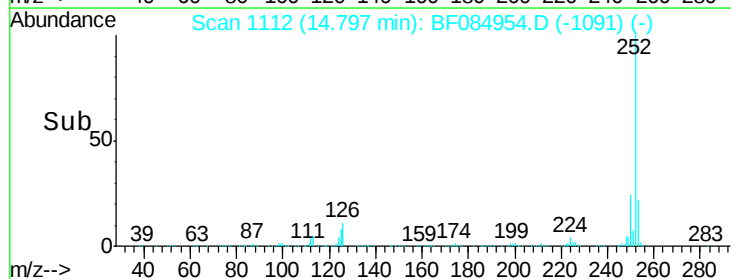
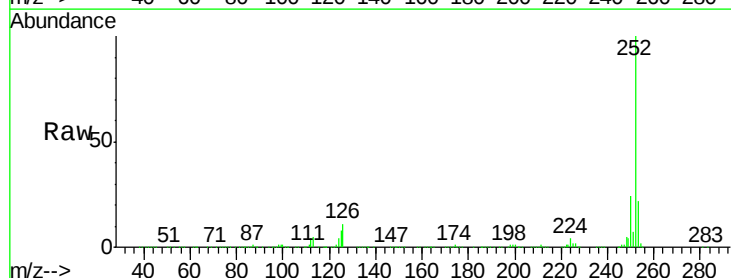
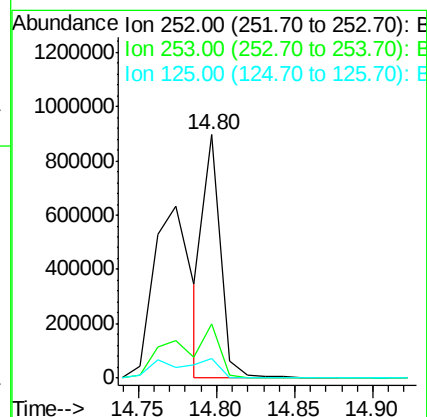
Tgt Ion:252 Resp: 678295

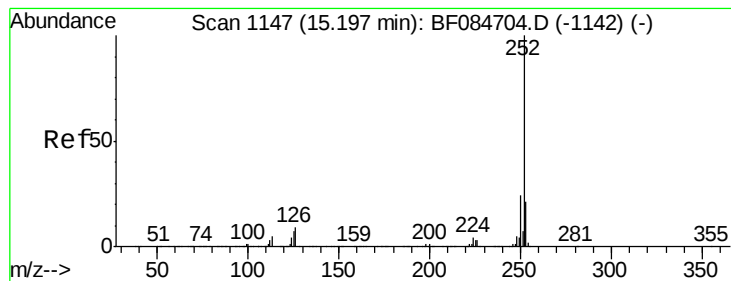
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 7.9 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 40.57 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

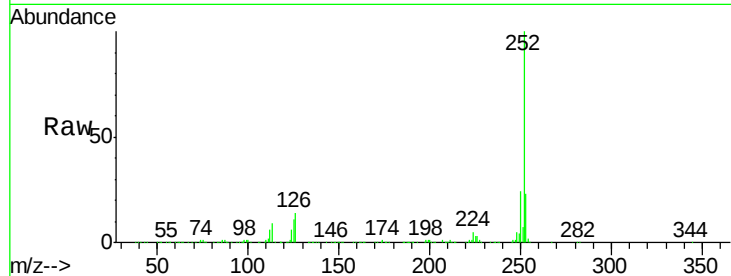
ClientSampleId :

PB88264BS

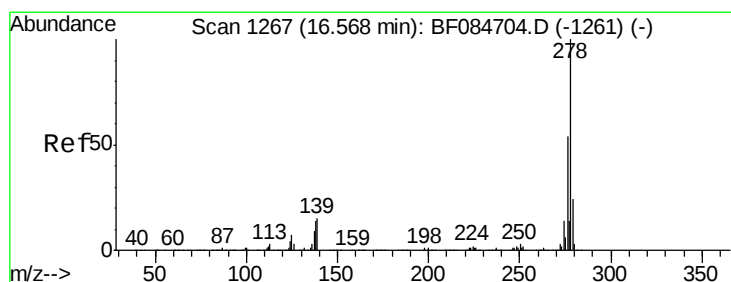
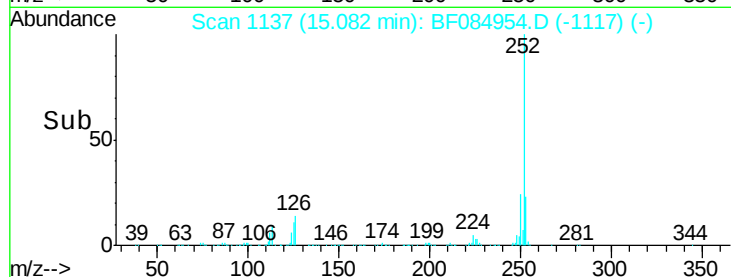
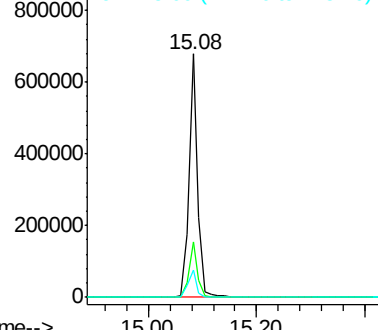
Tot Ion:	252	Resp:	770132
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	11.4	7.0	10.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.79 ng

RT: 16.41 min Scan# 1253

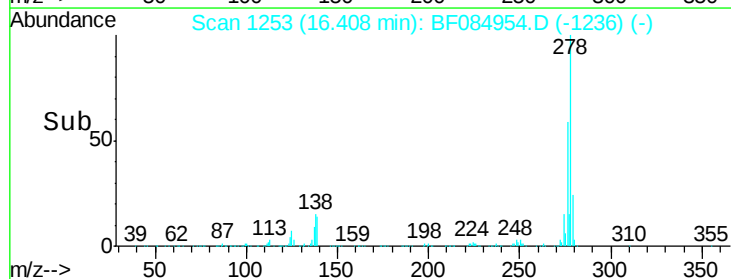
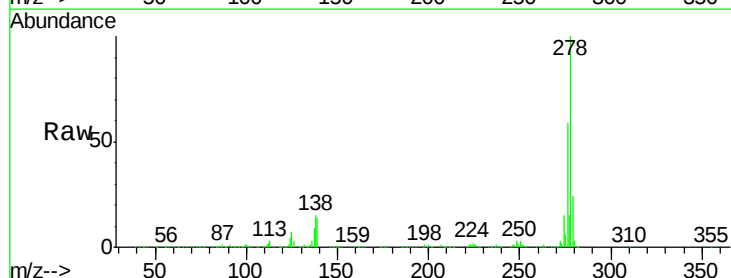
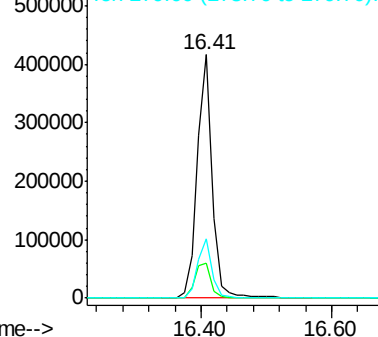
Delta R.T. -0.10 min

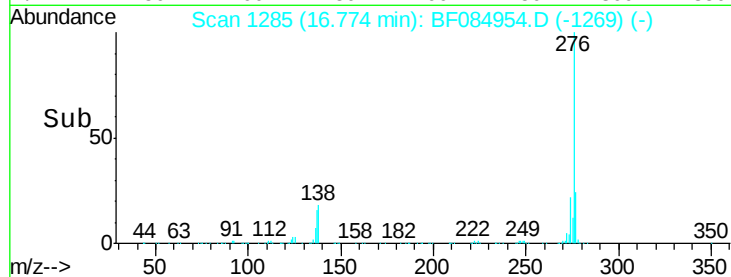
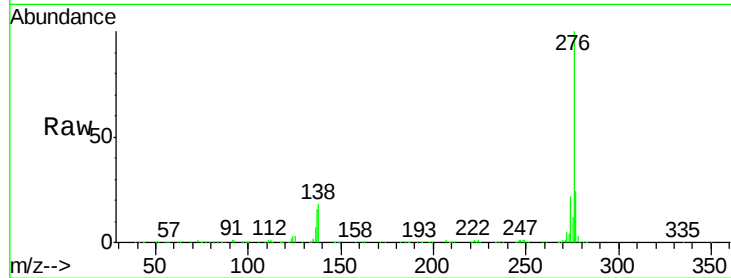
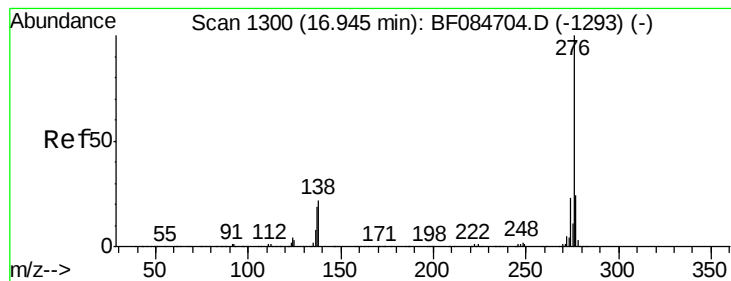
Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	278	Resp:	667822
Ion Ratio	Lower	Upper	
278	100		
139	14.3	15.0	22.4
279	24.3	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.30 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tot Ion:	276	Resp:	696937
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	18.0	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Manual Integrations
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