

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082658.D
 Acq On : 3 Nov 2015 13:59
 Operator : UM/IZ
 Sample : PB86403BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:26:11 PM

Quant Time: Nov 04 03:31:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172575	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	688416	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	370330	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	670714	20.00	ng	0.00
75) Chrysene-d12	14.07	240	588450	20.00	ng	0.01
86) Perylene-d12	15.55	264	478446	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1267962	110.66	ng	0.01
7) Phenol-d6	6.51	99	1684376	110.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	1286023	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	487658	120.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2126688	81.53	ng	0.00
78) Terphenyl-d14	13.00	244	2188681	81.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	158451	29.91	ng	92
3) Pyridine	3.26	79	515803	33.21	ng	94
4) n-Nitrosodimethylamine	3.21	42	263772	30.17	ng	94
6) Aniline	6.53	93	469403	22.15	ng	90
8) 2-Chlorophenol	6.66	128	457260	36.88	ng	# 74
9) Benzaldehyde	6.42	77	188552	18.14	ng	89
10) Phenol	6.52	94	566918	32.87	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	478901	37.64	ng	92
12) 1,3-Dichlorobenzene	6.82	146	512990m	36.29	ng	
13) 1,4-Dichlorobenzene	6.90	146	549257	39.18	ng	95
14) 1,2-Dichlorobenzene	7.05	146	475528	36.54	ng	93
15) Benzyl Alcohol	7.02	79	545763	38.45	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	729856	36.09	ng	97
17) 2-Methylphenol	7.14	107	440567	41.80	ng	96
18) Hexachloroethane	7.40	117	197203	36.04	ng	# 81
19) n-Nitroso-di-n-propylamine	7.30	70	418993	36.31	ng	88
20) 3+4-Methylphenols	7.29	107	503353	36.74	ng	93
22) Acetophenone	7.29	105	693596	34.22	ng	# 85
24) Nitrobenzene	7.46	77	567534	33.31	ng	89
25) Isophorone	7.71	82	1080649	34.84	ng	# 95
26) 2-Nitrophenol	7.78	139	237302	38.12	ng	# 83
27) 2,4-Dimethylphenol	7.82	122	497583	40.95	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	590036	34.78	ng	98
29) 2,4-Dichlorophenol	8.02	162	415716	37.53	ng	86
30) 1,2,4-Trichlorobenzene	8.11	180	446955	36.36	ng	98
31) Naphthalene	8.19	128	1370129	36.78	ng	99
32) Benzoic acid	7.94	122	297787	33.78	ng	96
33) 4-Chloroaniline	8.24	127	228025	14.34	ng	# 87
34) Hexachlorobutadiene	8.32	225	290145	37.12	ng	99
35) Caprolactam	8.60	113	144395m	42.49	ng	
36) 4-Chloro-3-methylphenol	8.72	107	469060	35.96	ng	96
37) 2-Methylnaphthalene	8.89	142	928158	38.45	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	417253	33.77	ng	98
40) Hexachlorocyclopentadiene	9.05	237	610269	78.55	ng	97

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	334398m	37.48	nq	
43) 2,4,5-Trichlorophenol	9.20	196	324801m	36.53	nq	
45) 1,1'-Biphenyl	9.34	154	1054590	33.71	nq	96
46) 2-Chloronaphthalene	9.37	162	839078	34.35	nq	94
47) 2-Nitroaniline	9.46	65	324631	34.19	nq	93
48) Acenaphthylene	9.79	152	1515089	38.78	nq	99
49) Dimethylphthalate	9.65	163	1199332	39.65	nq	99
50) 2,6-Dinitrotoluene	9.71	165	258216	41.19	nq	# 67
51) Acenaphthene	9.96	154	1047744	42.24	nq	99
52) 3-Nitroaniline	9.87	138	142273	20.40	nq	# 78
53) 2,4-Dinitrophenol	9.97	184	238599	72.16	nq	# 37
54) Dibenzofuran	10.13	168	1341792	39.87	nq	94
55) 4-Nitrophenol	10.03	139	371789	70.85	nq	# 80
56) 2,4-Dinitrotoluene	10.11	165	360093	42.48	nq	89
57) Fluorene	10.48	166	1087339	40.05	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	278627	37.08	nq	96
59) Diethylphthalate	10.35	149	1096188	35.60	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	462195	35.03	nq	# 83
61) 4-Nitroaniline	10.49	138	251239	37.75	nq	# 82
62) Azobenzene	10.62	77	1255741	36.16	nq	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	181440	44.85	nq	76
65) n-Nitrosodiphenylamine	10.59	169	914259	39.65	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	311339	40.96	nq	# 78
67) Hexachlorobenzene	11.02	284	335119	39.76	nq	# 80
68) Atrazine	11.12	200	350970	46.53	nq	97
69) Pentachlorophenol	11.22	266	459032	82.60	nq	99
70) Phenanthrene	11.44	178	1618507	42.78	nq	99
71) Anthracene	11.48	178	1441573	37.85	nq	99
72) Carbazole	11.64	167	1418149	42.74	nq	97
73) Di-n-butylphthalate	11.98	149	1874675	44.39	nq	# 97
74) Fluoranthene	12.63	202	1702498	44.02	nq	96
76) Benzidine	12.74	184	502300	18.93	nq	99
77) Pyrene	12.85	202	1748370	40.12	nq	99
79) Butylbenzylphthalate	13.48	149	857122	44.91	nq	91
80) Benzo(a)anthracene	14.05	228	1454218	38.90	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	325467	25.27	nq	# 95
82) Chrysene	14.09	228	1283052	37.87	nq	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	1147079	46.36	nq	# 99
84) Di-n-octyl phthalate	14.71	149	1806204	46.80	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	1143099	40.88	nq	99
87) Benzo(b)fluoranthene	15.13	252	1346455	40.81	nq	# 98
88) Benzo(k)fluoranthene	15.16	252	924318m	36.78	nq	
89) Benzo(a)pyrene	15.49	252	1075277	41.39	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	964411	39.78	nq	96
91) Benzo(g,h,i)perylene	17.40	276	931609	39.65	nq	99

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

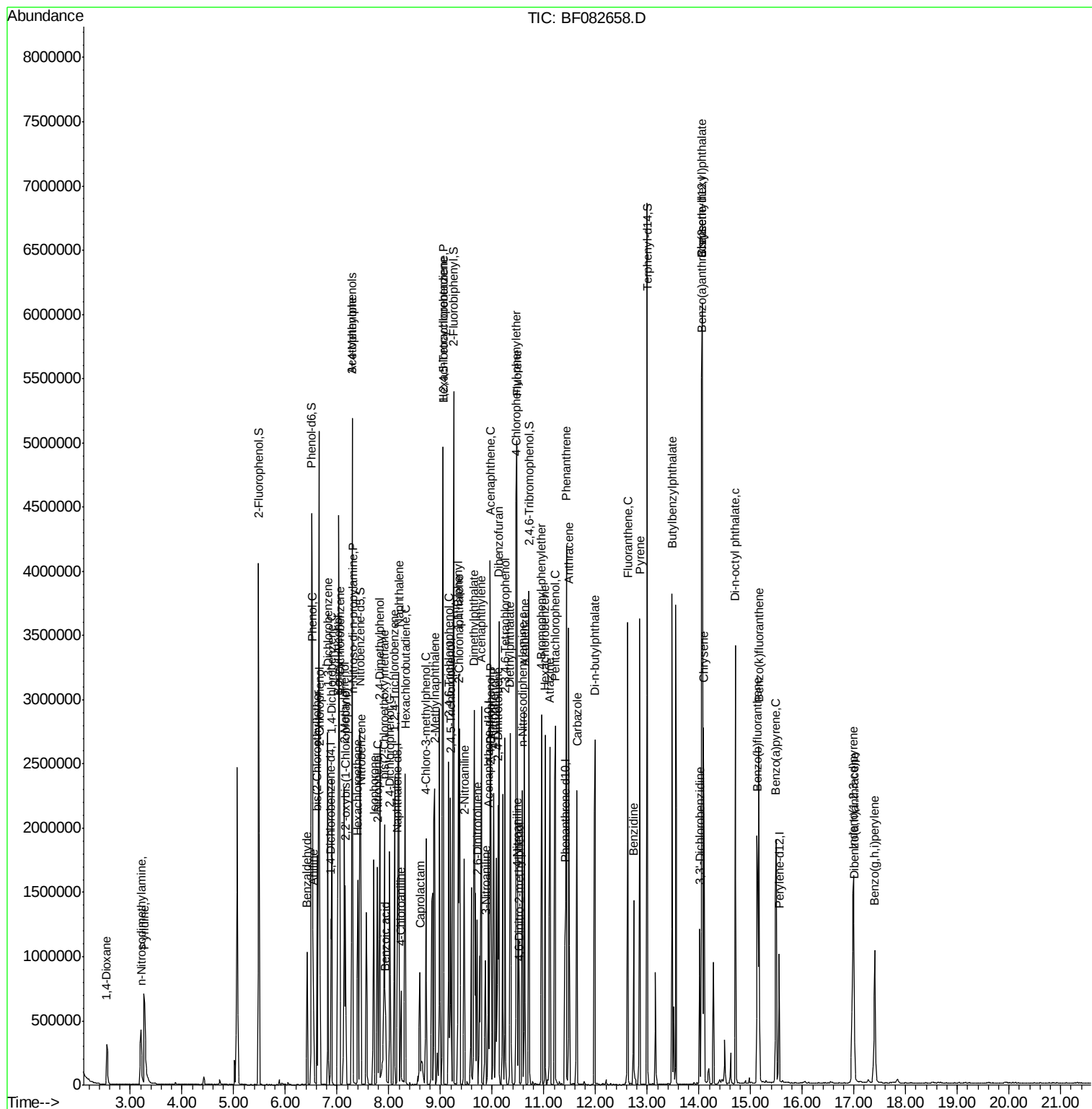
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\  
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Operator  : UM/IZ  
Sample    : PB86403BS  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
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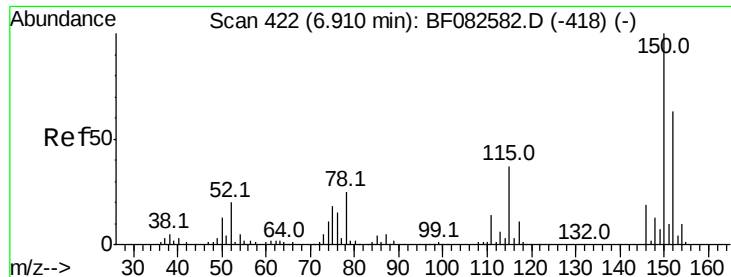
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

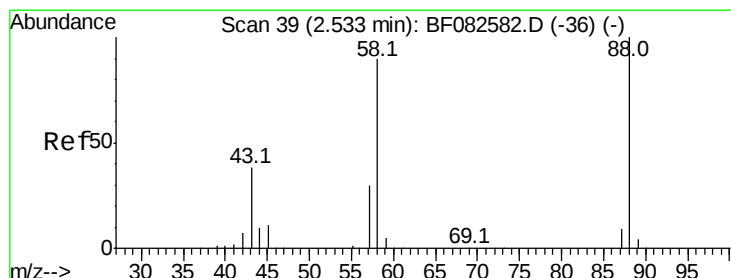
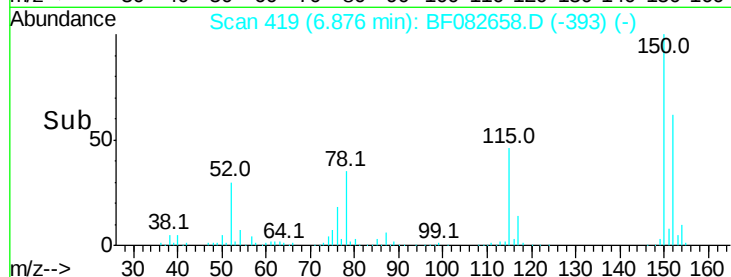
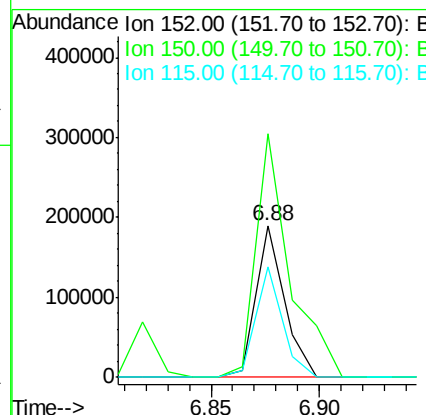
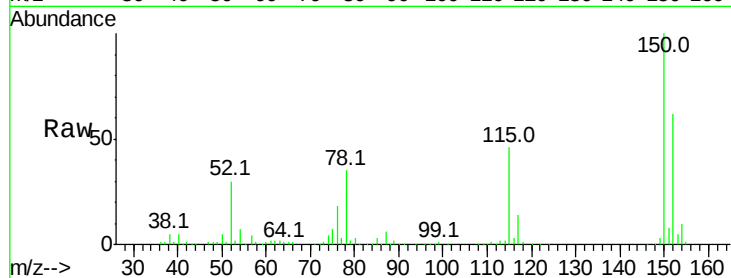
PB86403BS

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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.0	190.4
115	73.1	47.0	70.6



#2

1,4-Dioxane

Concen: 29.91 ng

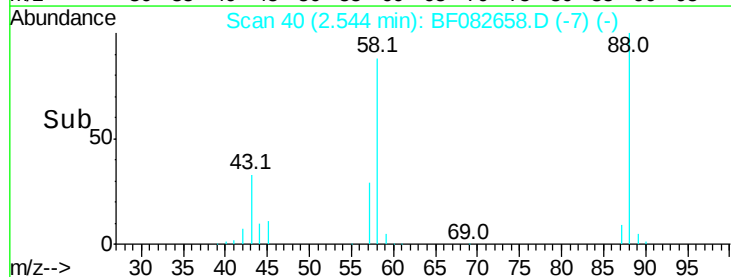
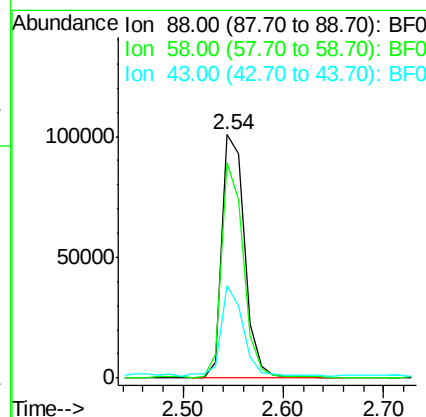
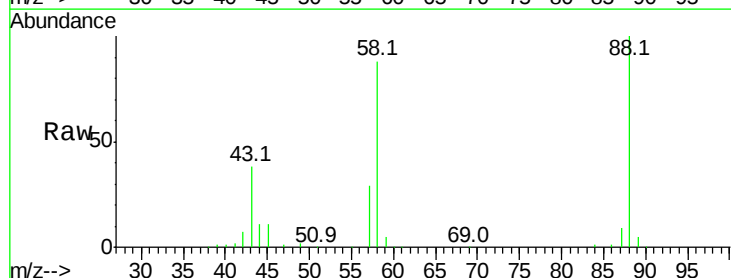
RT: 2.54 min Scan# 40

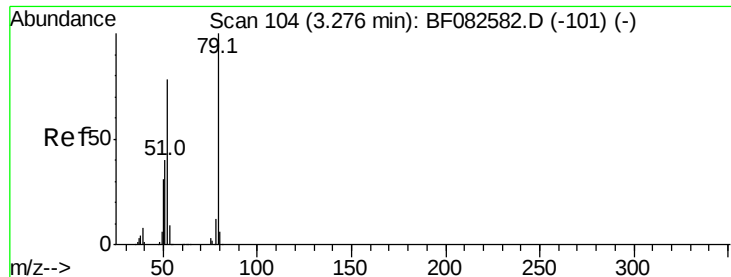
Delta R.T. 0.08 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	62.0	93.0
43	36.0	26.6	40.0





#3

Pvridine

Concen: 33.21 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

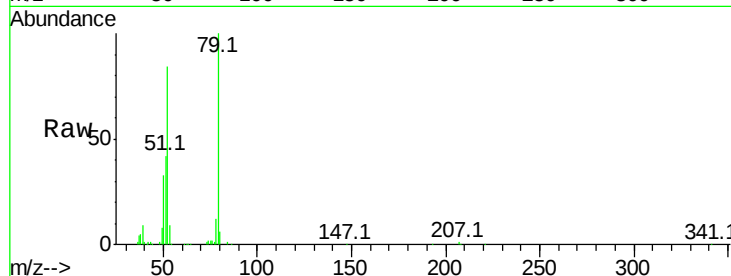
ClientSampleId :

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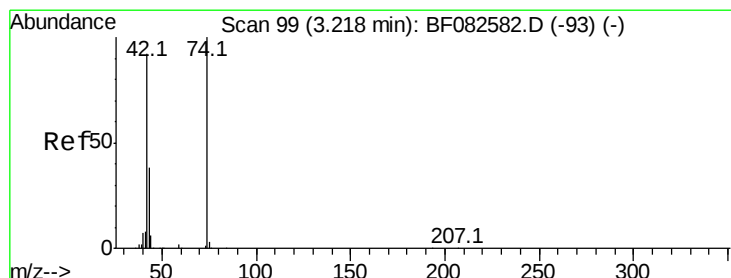
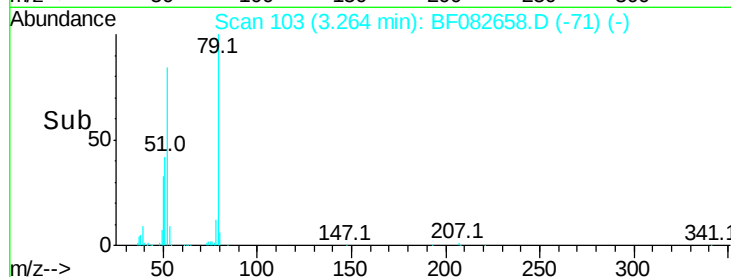
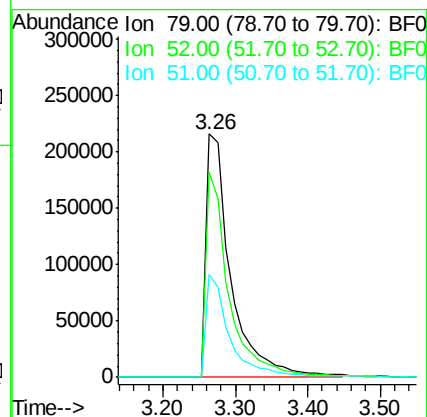
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Tot Ion	79	Resp	515803
Ion Ratio	100	Lower	Upper
79	100		
52	84.5	62.8	94.2
51	42.2	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 30.17 ng

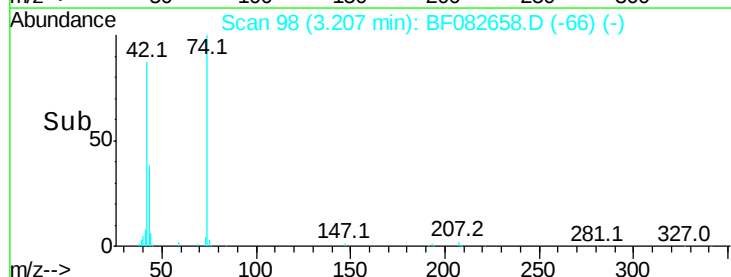
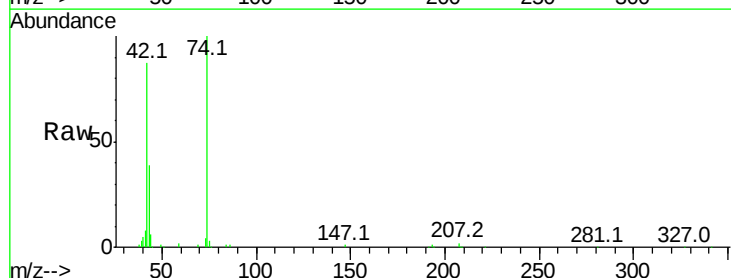
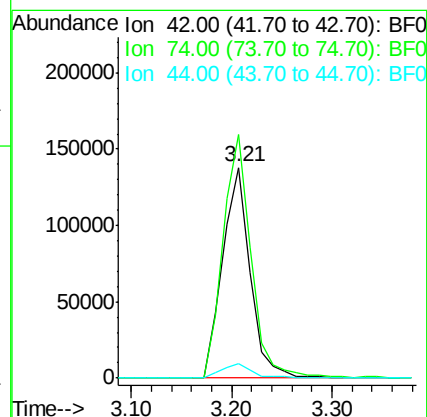
RT: 3.21 min Scan# 98

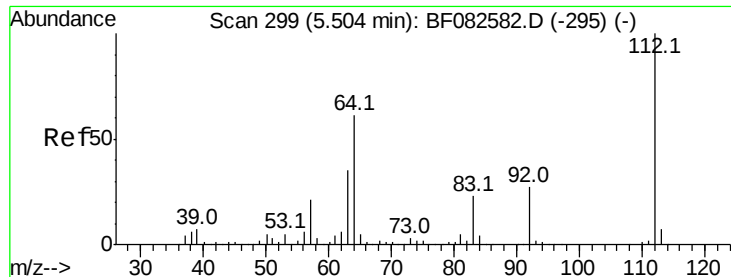
Delta R.T. 0.07 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	42	Resp	263772
Ion Ratio	100	Lower	Upper
42	100		
74	115.5	87.0	130.4
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 110.66 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:112 Resp: 1267962

Ion Ratio Lower Upper

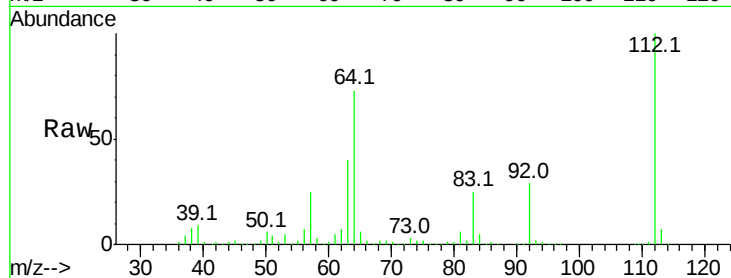
112 100

64 73.2 48.9 73.3

63 39.6 28.1 42.1

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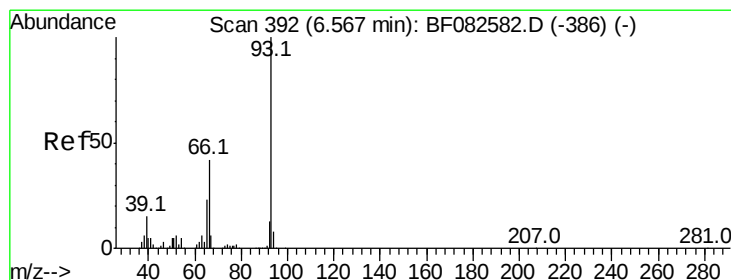
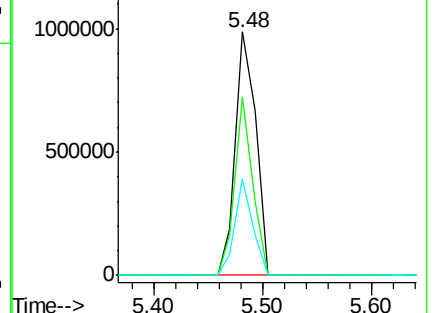
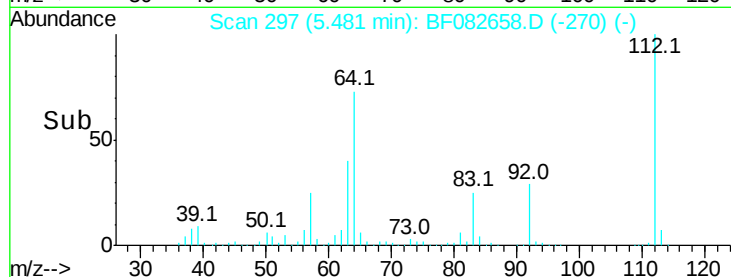
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.15 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

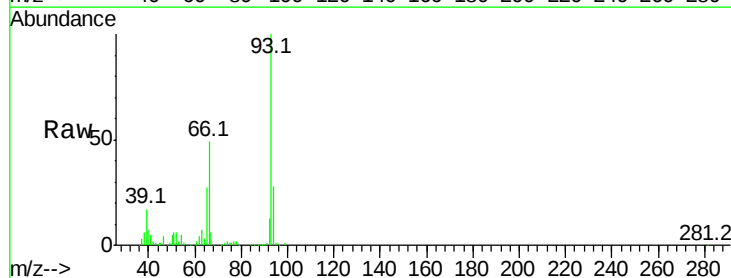
Tgt Ion: 93 Resp: 469403

Ion Ratio Lower Upper

93 100

66 49.1 33.6 50.4

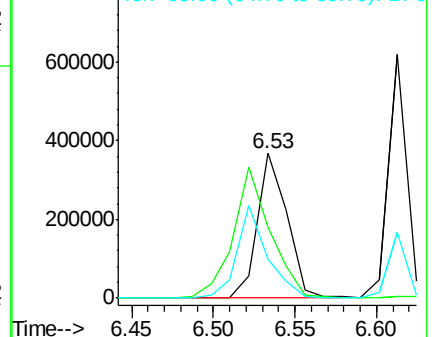
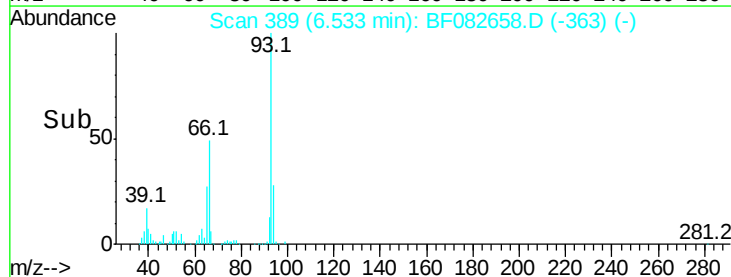
65 26.5 18.1 27.1

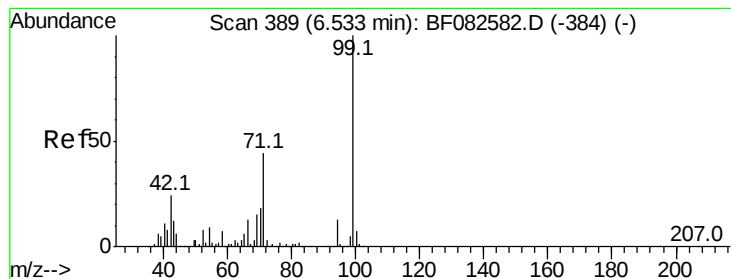


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.65 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion: 99 Resp: 1684376

Ion Ratio Lower Upper

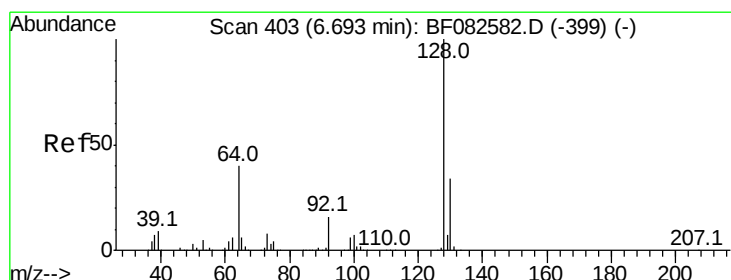
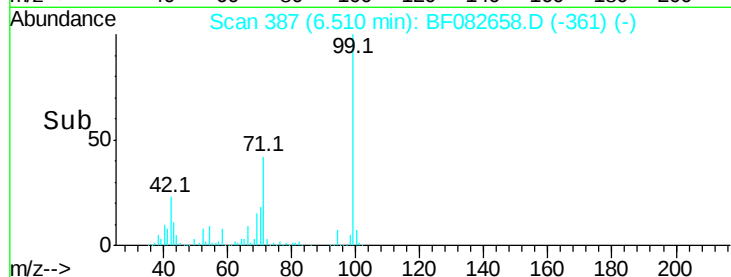
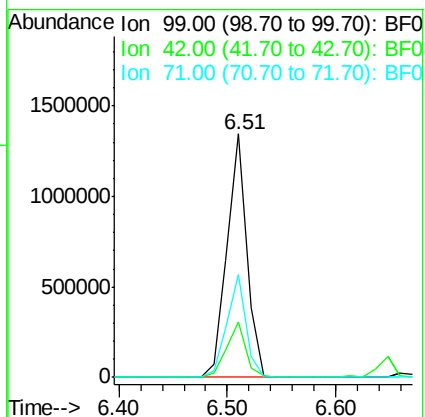
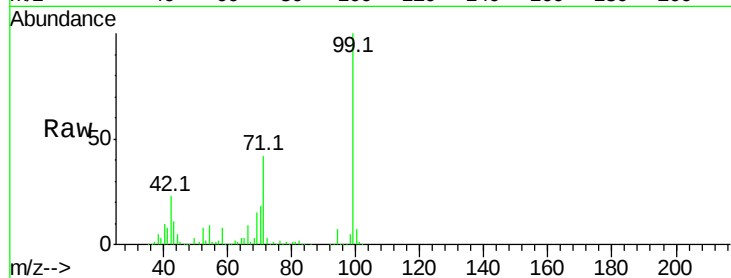
99 100

42 22.5 19.2 28.8

71 42.4 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.88 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

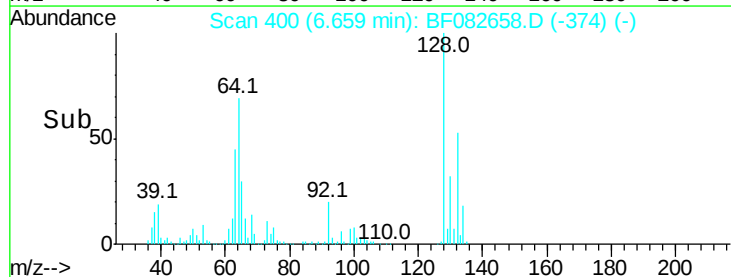
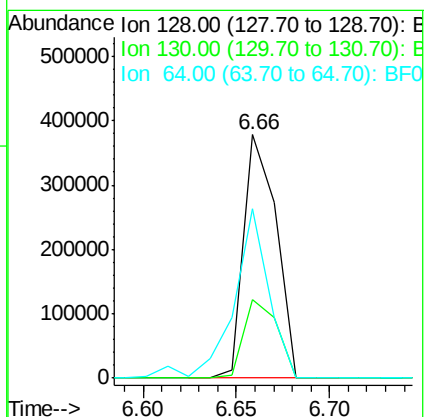
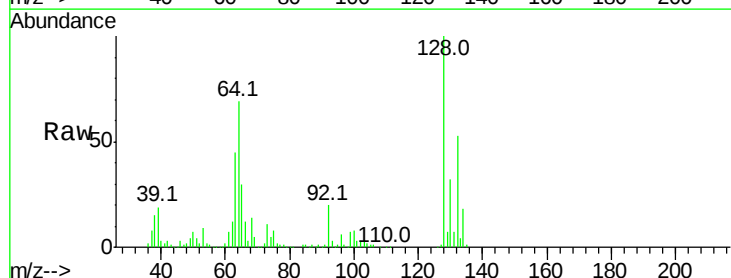
Tgt Ion: 128 Resp: 457260

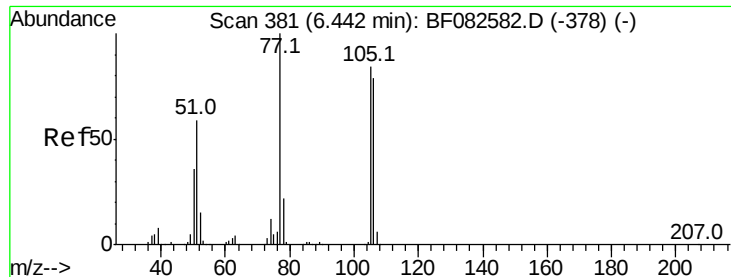
Ion Ratio Lower Upper

128 100

130 32.4 13.5 53.5

64 69.3 21.1 61.1#





#9

Benzaldehyde

Concen: 18.14 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

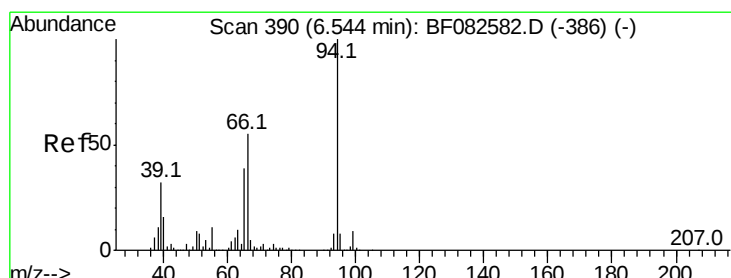
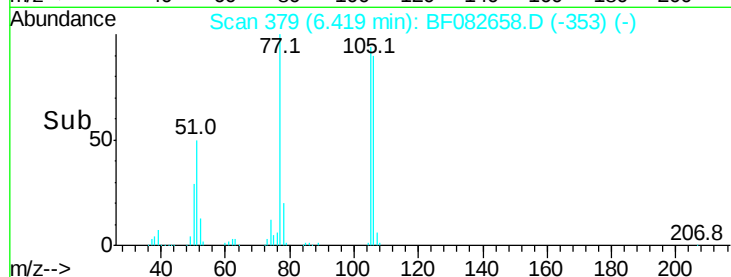
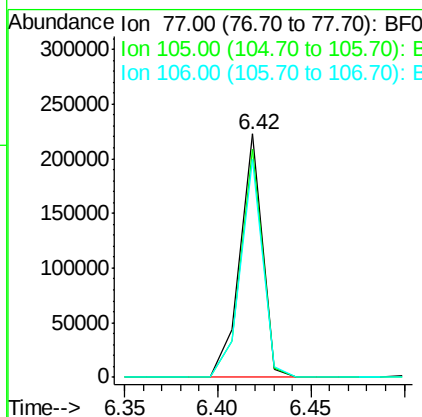
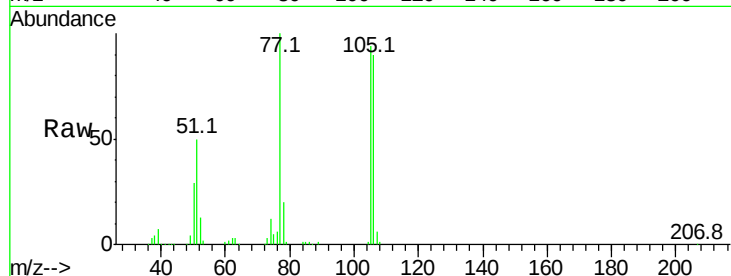
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PB86403BS

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Tot Ion:	77	Resp:	188552
Ion Ratio	Lower	Upper	
77	100		
105	93.6	63.5	103.5
106	89.7	59.3	99.3



#10

Phenol

Concen: 32.87 ng

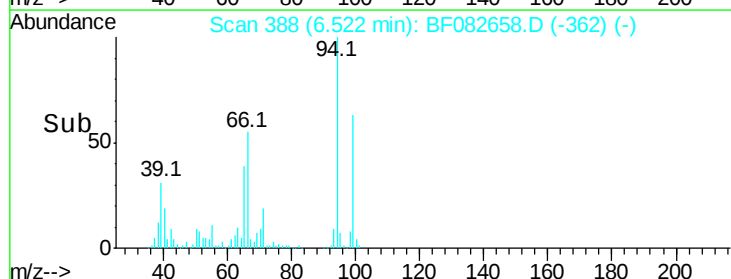
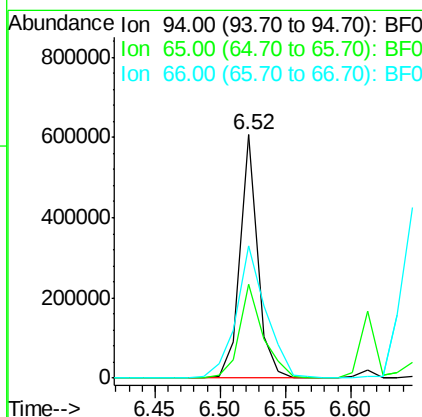
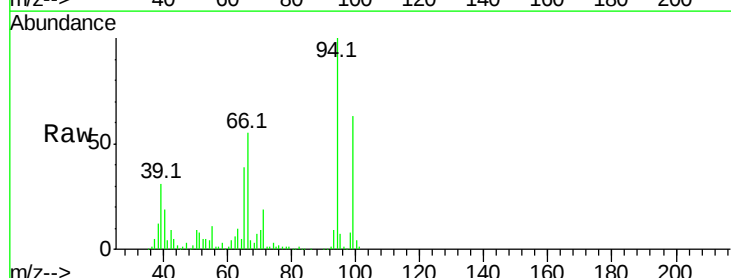
RT: 6.52 min Scan# 388

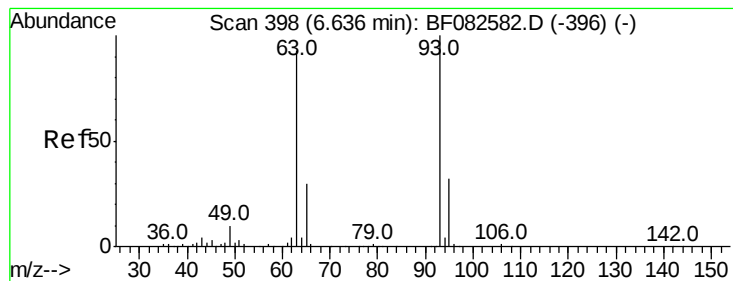
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	94	Resp:	566918
Ion Ratio	Lower	Upper	
94	100		
65	38.6	18.9	58.9
66	54.6	34.9	74.9





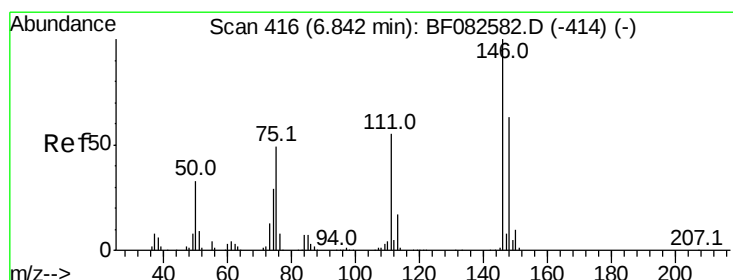
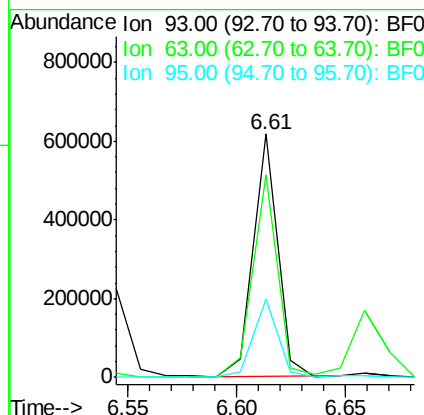
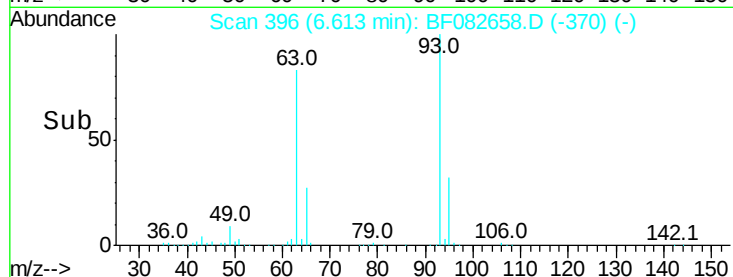
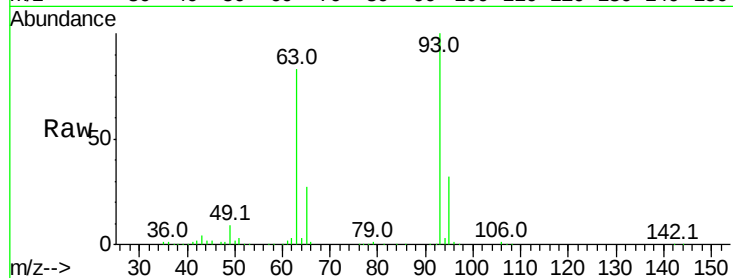
#11
bis(2-Chloroethyl)ether
Concen: 37.64 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	72.7	112.7
95	32.4	12.0	52.0

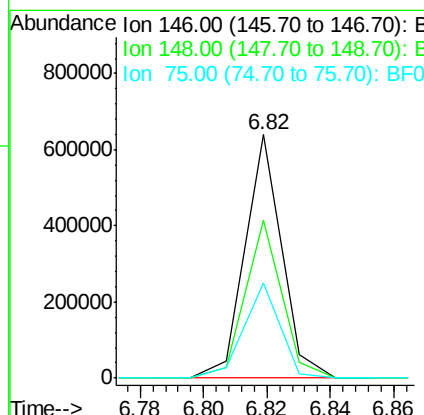
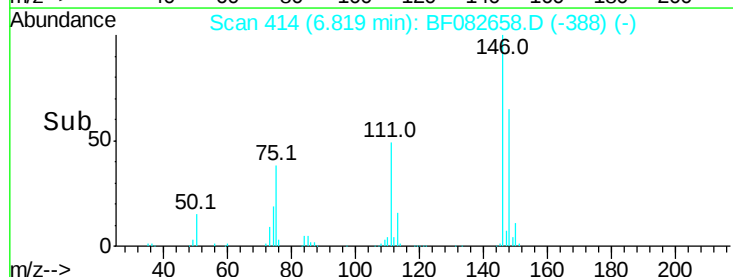
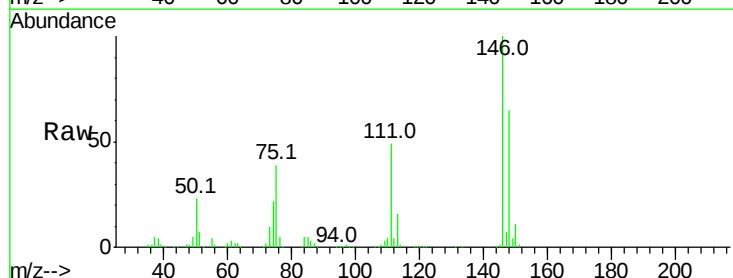
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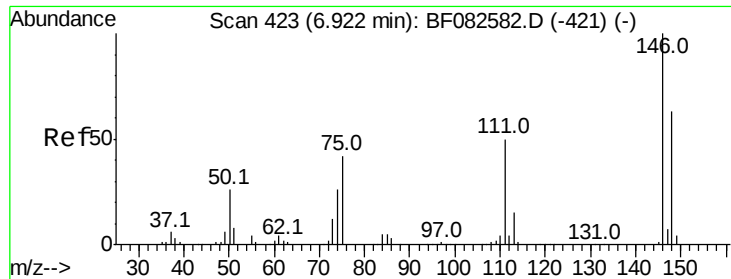
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 36.29 ng m
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	39.1	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 39.18 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

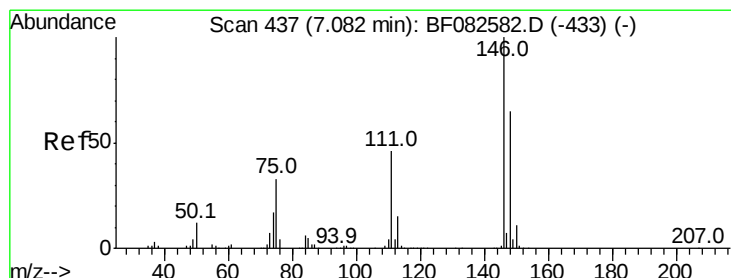
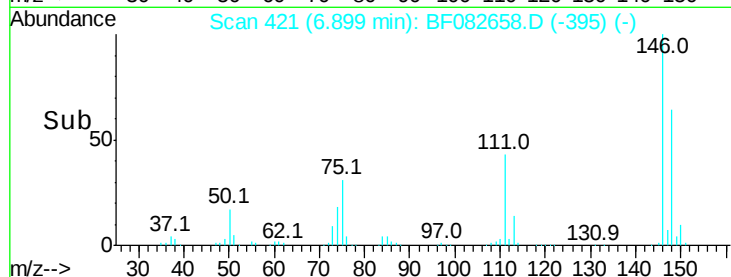
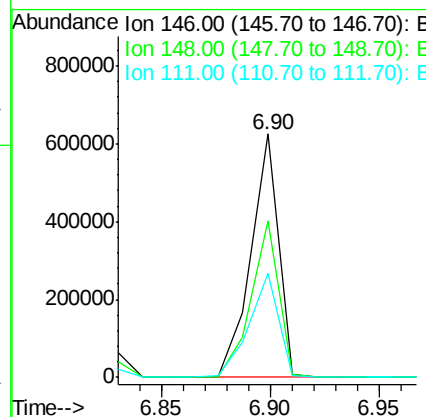
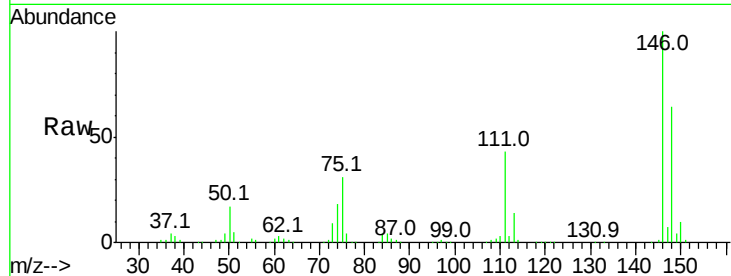
ClientSampleId :

PB86403BS

Tot Ion:	146	Resp:	549257
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	43.0	40.6	60.8

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#14

1,2-Dichlorobenzene

Concen: 36.54 ng

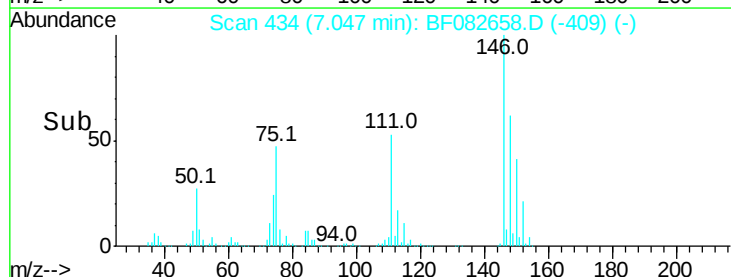
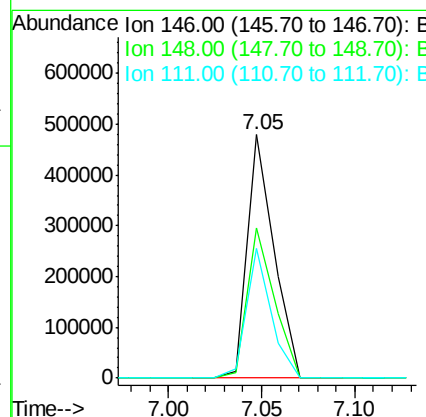
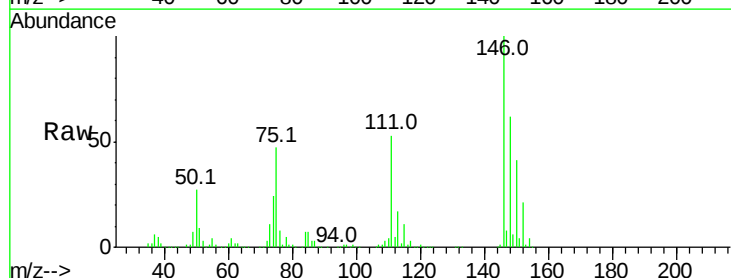
RT: 7.05 min Scan# 434

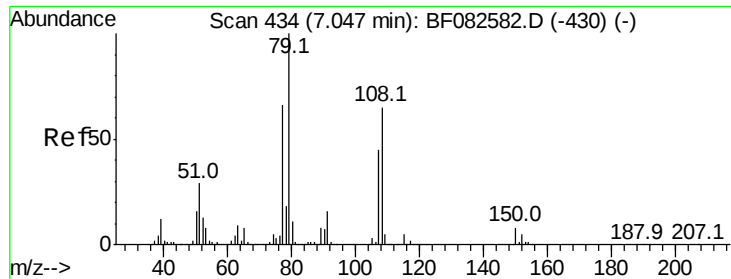
Delta R.T. -0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	146	Resp:	475528
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.2	78.4
111	53.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.45 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

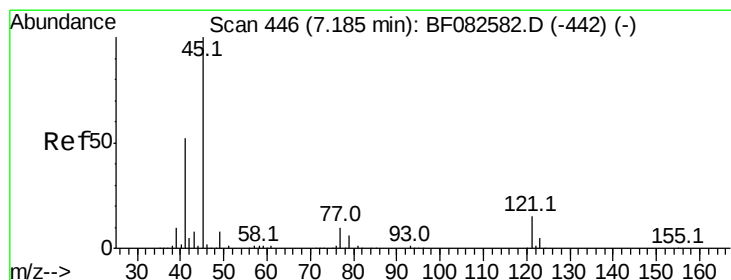
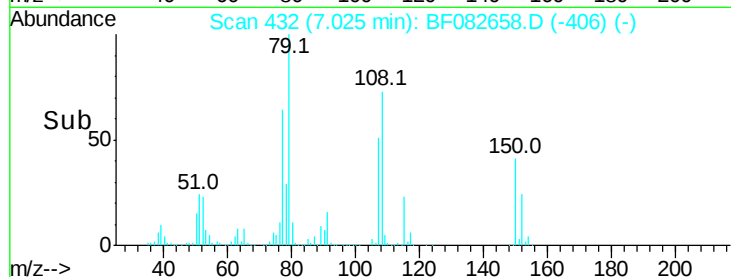
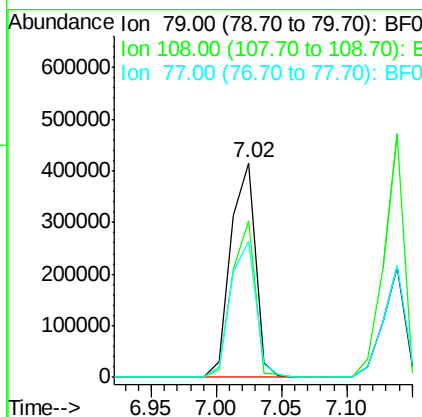
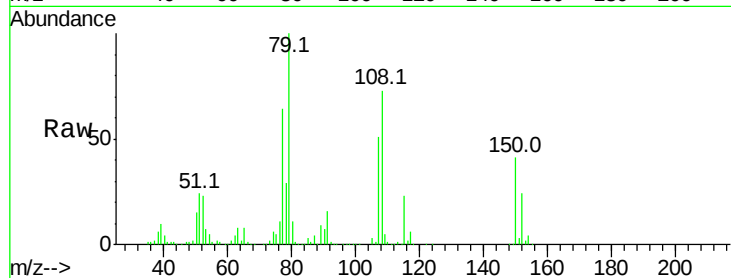
ClientSampleId :

PB86403BS

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Tot Ion:	79	Resp:	545763
Ion Ratio	Lower	Upper	
79	100		
108	72.9	52.2	78.4
77	63.7	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.09 ng

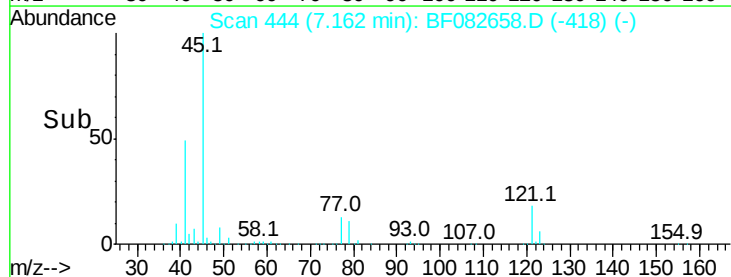
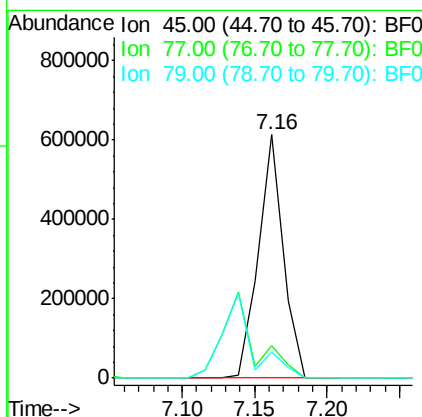
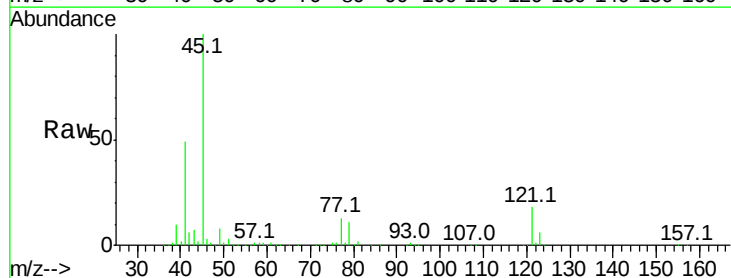
RT: 7.16 min Scan# 444

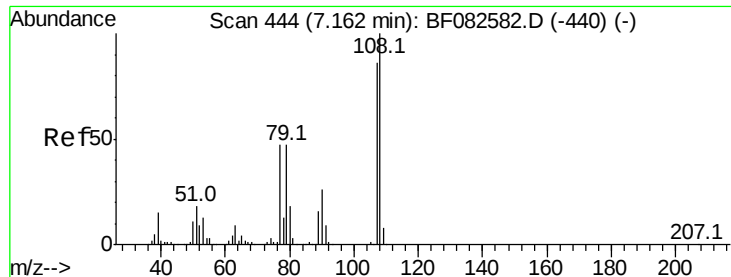
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	45	Resp:	729856
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.6
79	10.7	0.0	29.2





#17

2-Methylphenol

Concen: 41.80 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

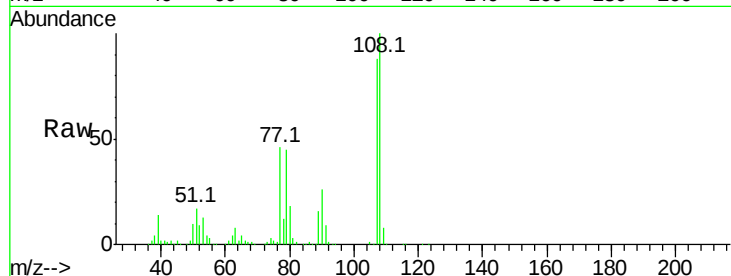
ClientSampleId :

PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	93.0	139.4	
77	52.0	44.1	66.1	
79	51.1	43.6	65.4	

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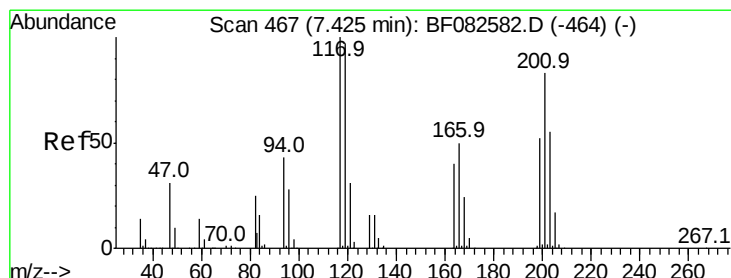
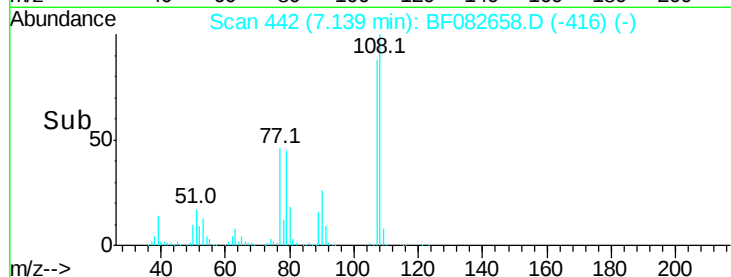
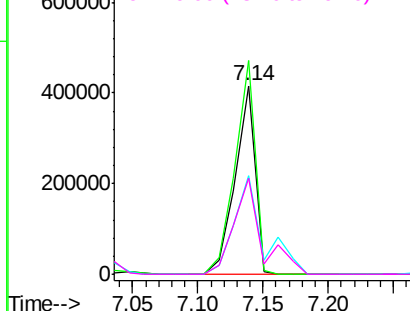


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.04 ng

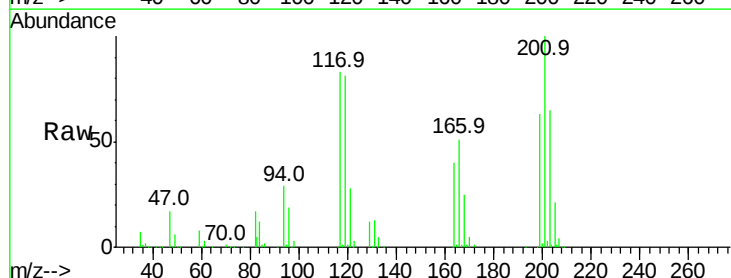
RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

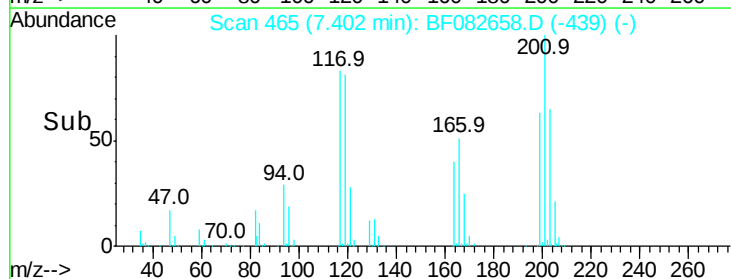
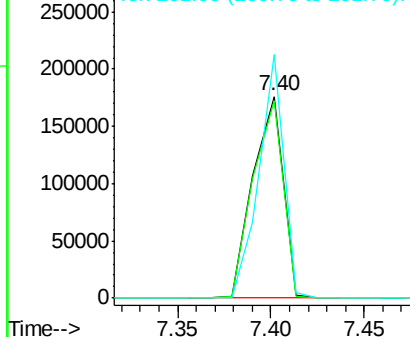
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.7	116.5	
201	120.6	66.7	100.1#	

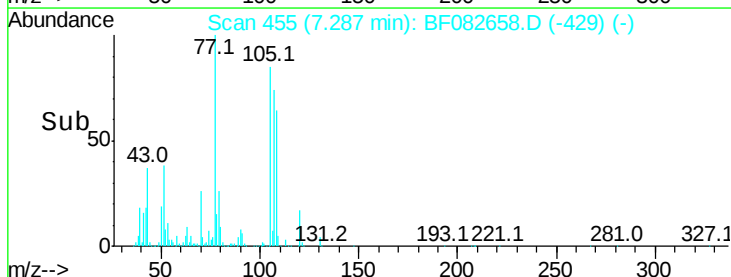
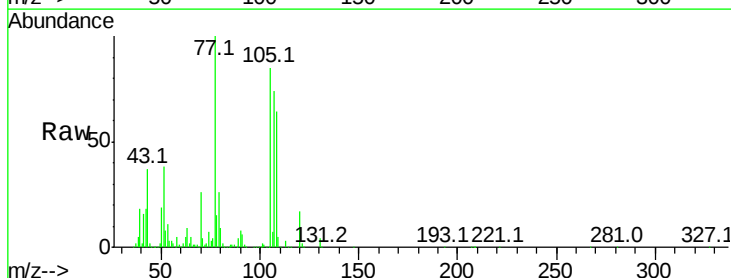
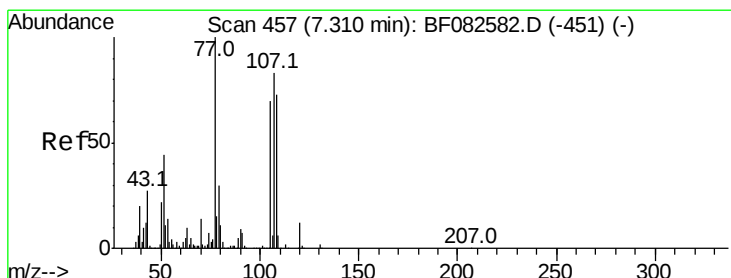
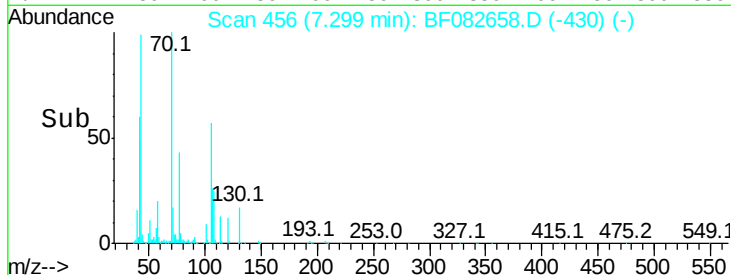
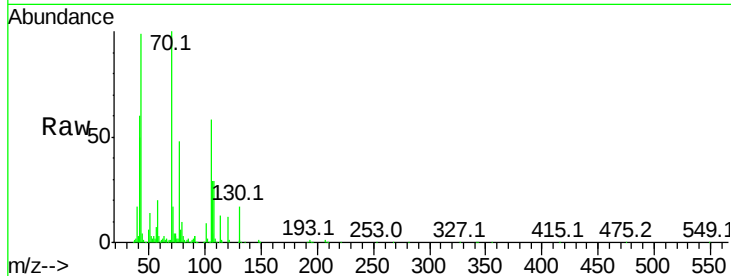
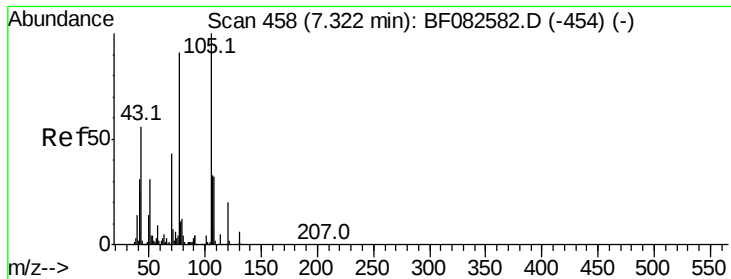


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.31 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082658.D

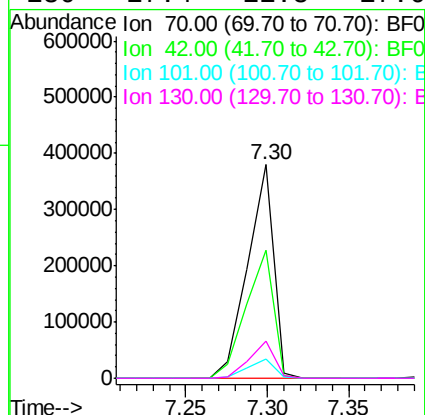
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	57.7	86.5
101	8.8	7.0	10.6
130	17.4	11.8	17.6

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#20

3+4-Methylphenols

Concen: 36.74 ng

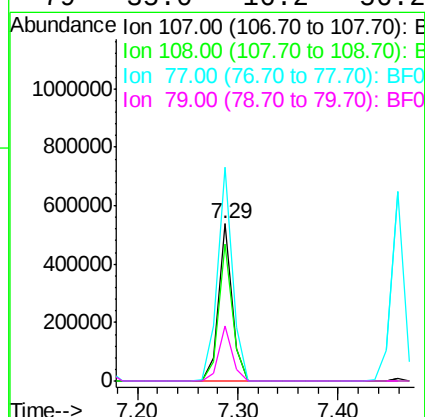
RT: 7.29 min Scan# 455

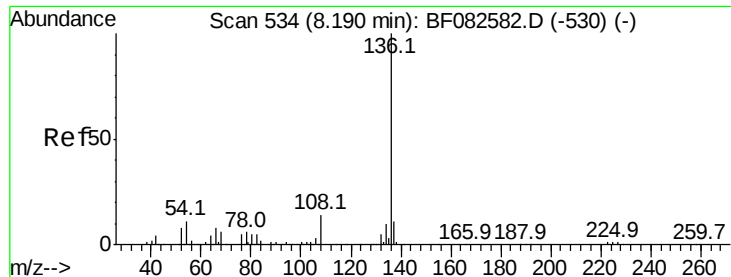
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.3	107.3
77	135.8	100.3	140.3
79	35.0	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

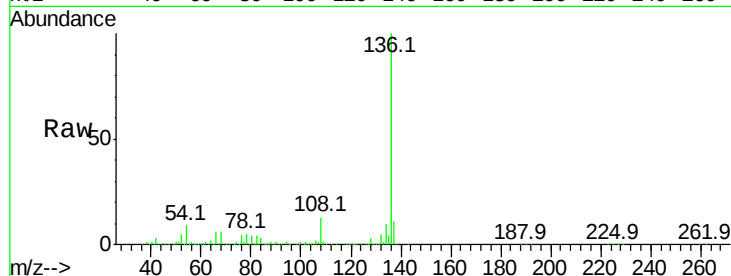
ClientSampleId :

PB86403BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.8	9.1	13.7#
68	5.6	4.8	7.2

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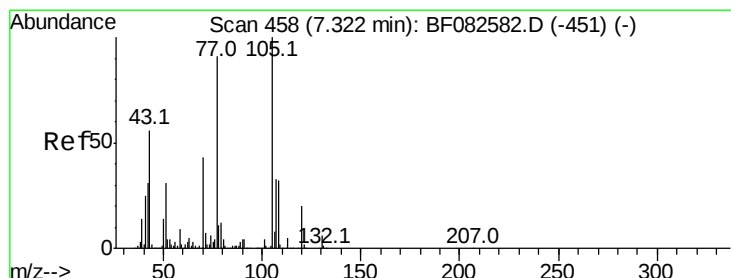
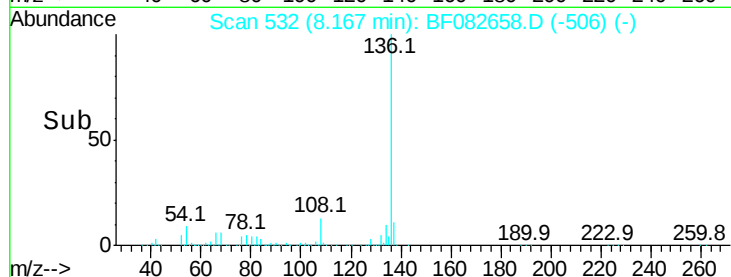
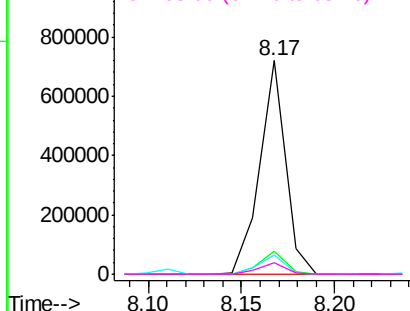


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.22 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

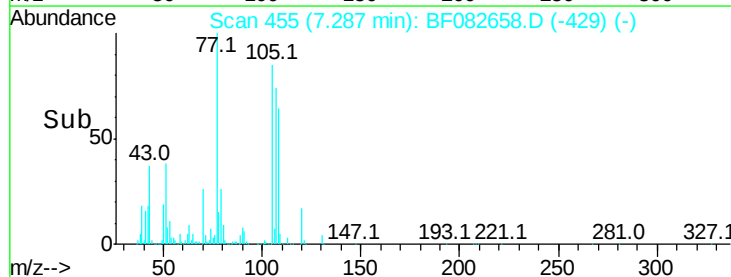
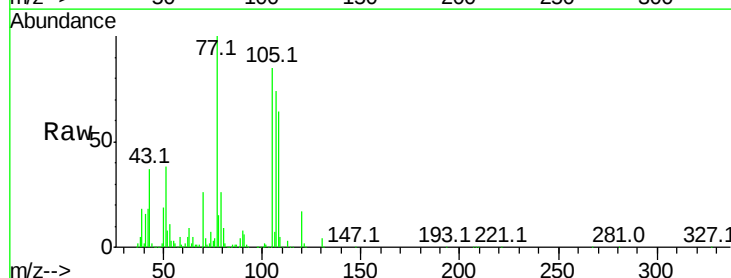
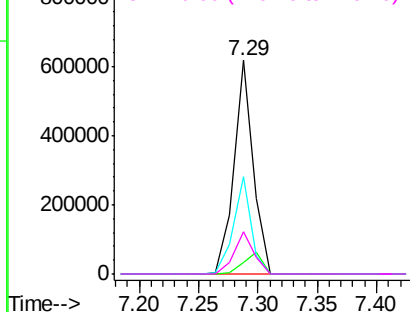
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	5.6	8.4#
51	45.4	24.9	37.3#
120	19.9	15.8	23.8

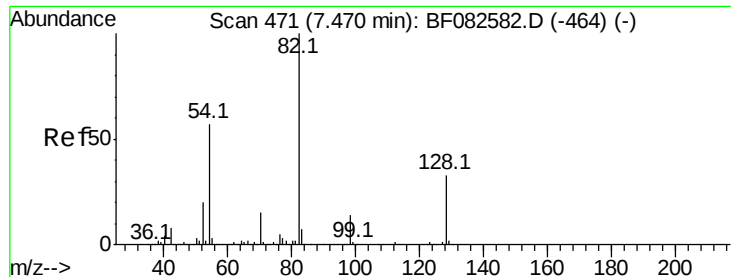
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





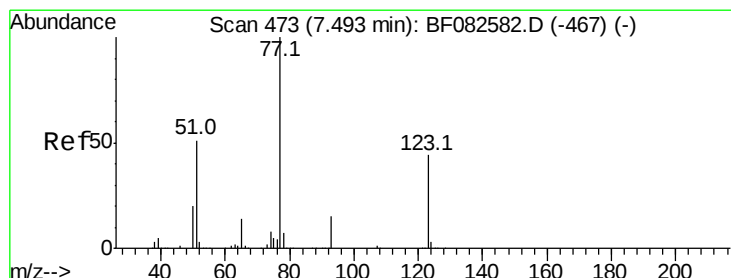
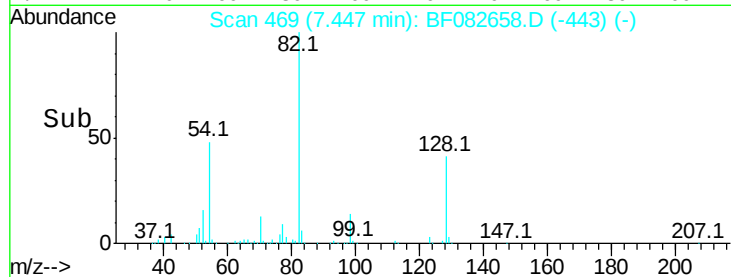
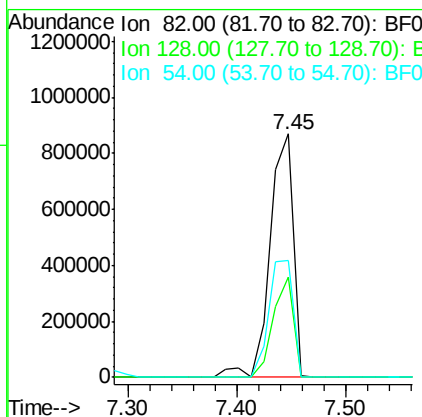
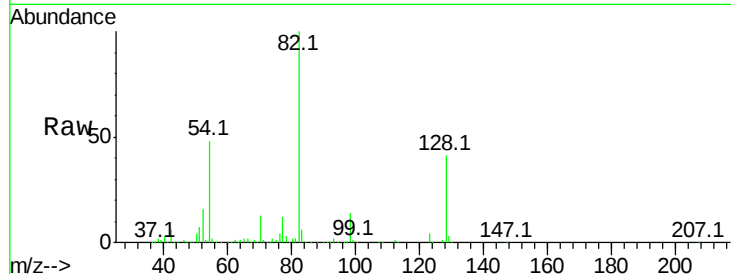
#23
 Nitrobenzene-d5
 Concen: 76.28 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampled :
 PB86403BS

Tot Ion: 82 Resp: 1286023
 Ion Ratio Lower Upper
 82 100
 128 41.4 26.8 40.2#
 54 48.1 45.7 68.5

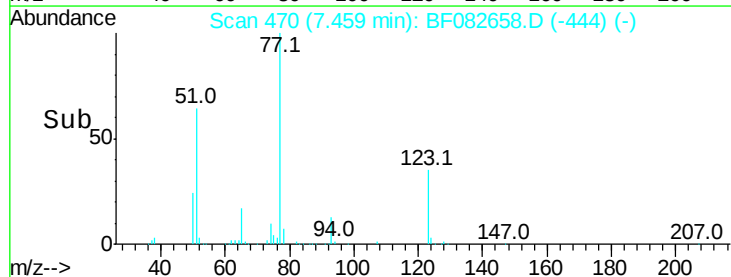
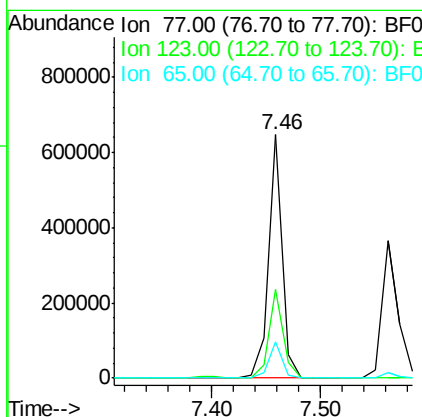
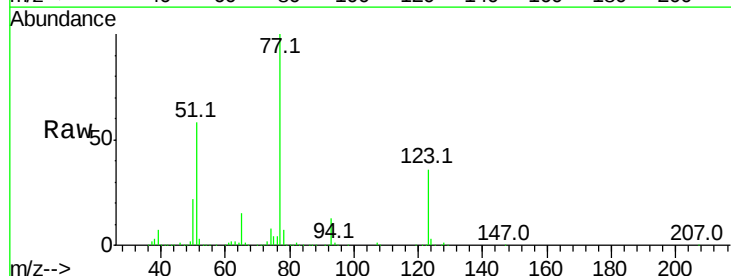
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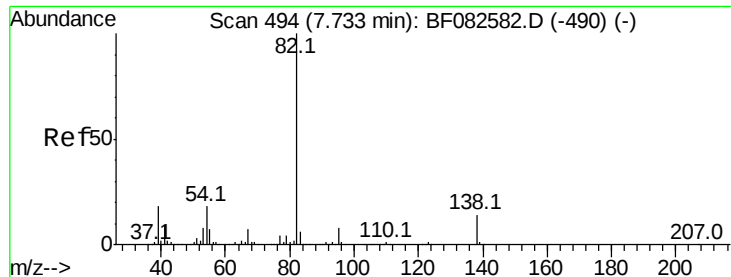
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#24
 Nitrobenzene
 Concen: 33.31 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion: 77 Resp: 567534
 Ion Ratio Lower Upper
 77 100
 123 36.4 36.4 54.6
 65 15.1 11.5 17.3





#25

Isophorone

Concen: 34.84 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion: 82 Resp: 1080649

Ion Ratio Lower Upper

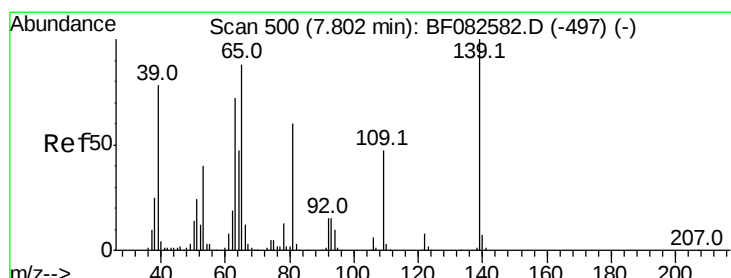
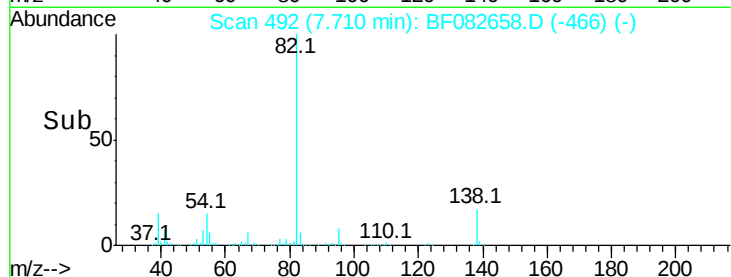
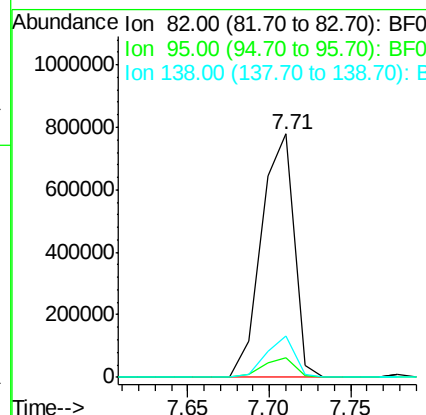
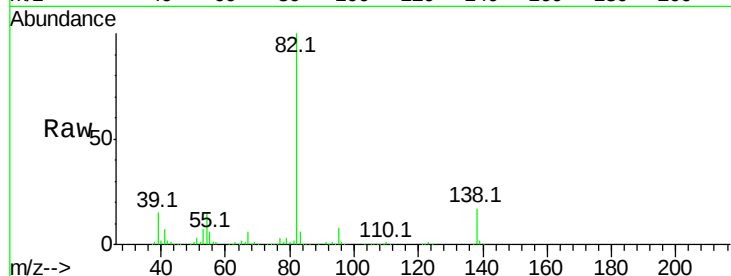
82 100

95 8.0 6.6 9.8

138 17.1 11.4 17.0#

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#26

2-Nitrophenol

Concen: 38.12 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

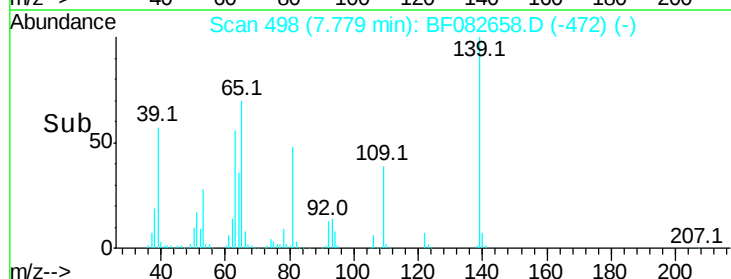
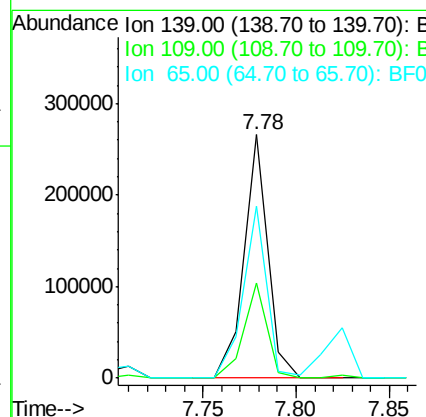
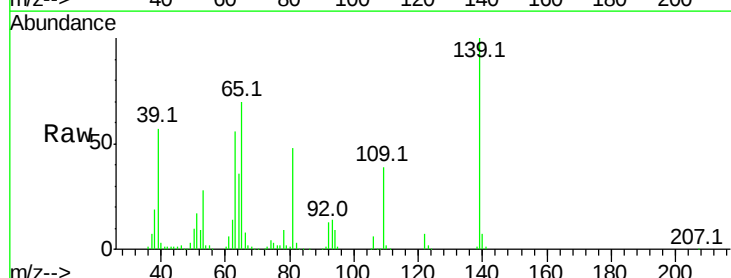
Tgt Ion: 139 Resp: 237302

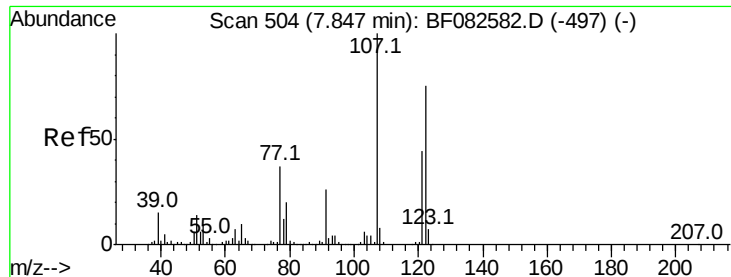
Ion Ratio Lower Upper

139 100

109 39.1 37.6 56.4

65 70.4 70.6 105.8#





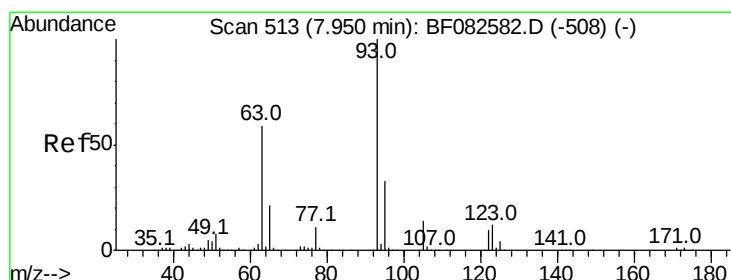
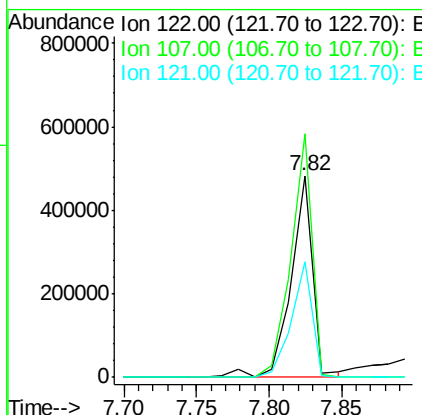
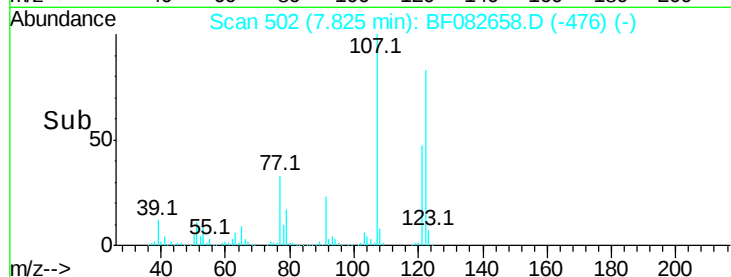
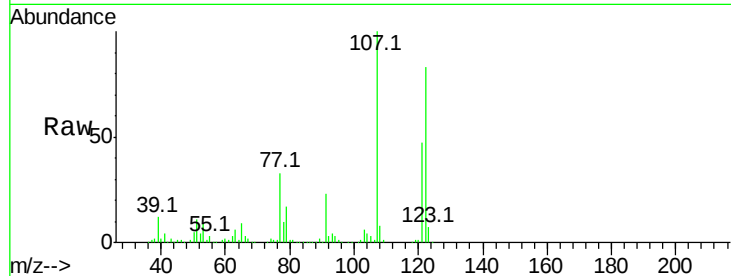
#27
2,4-Dimethylphenol
Concen: 40.95 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	497583		
107	120.9	106.0	159.0	
121	57.4	46.7	70.1	

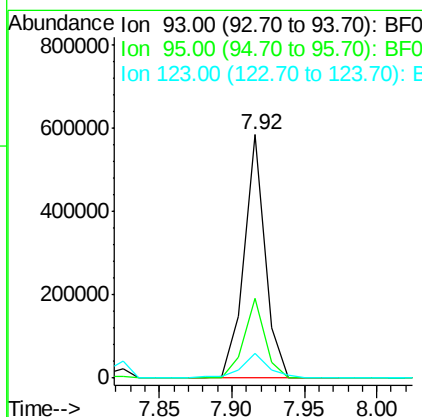
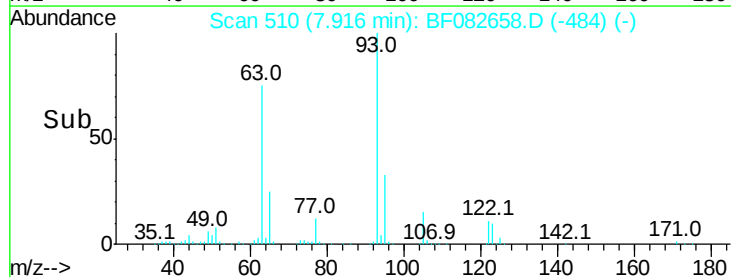
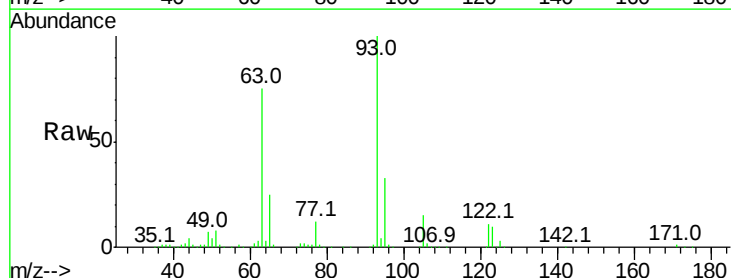
Manual Integrations
APPROVED

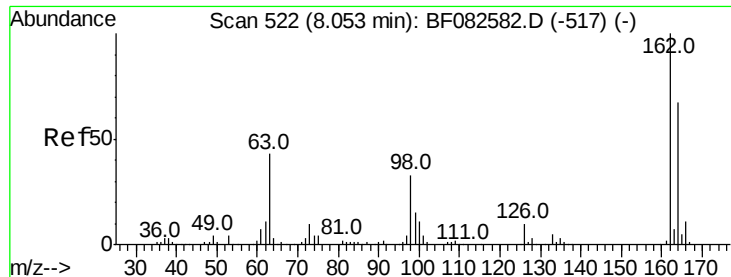
Mmdadoda
11/4/2015 5:26:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.78 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	590036		
95	32.7	26.6	40.0	
123	10.1	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 37.53 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

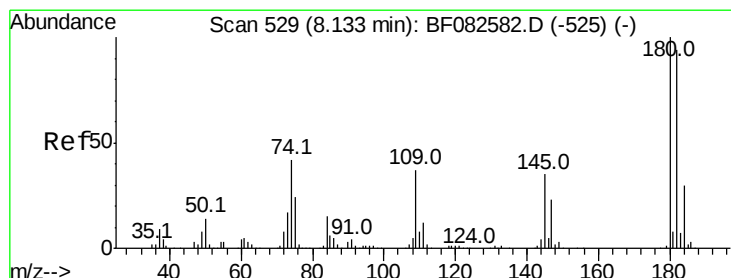
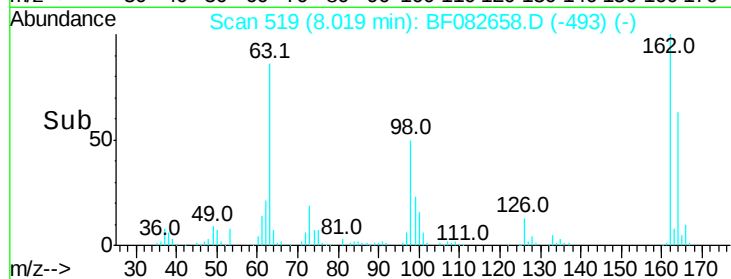
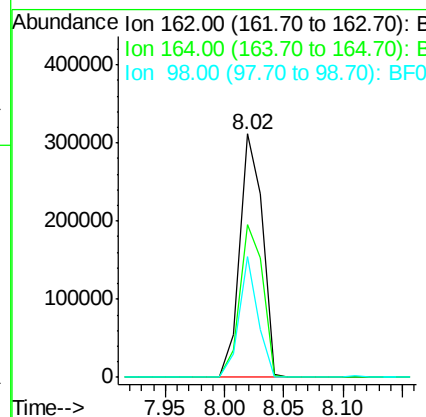
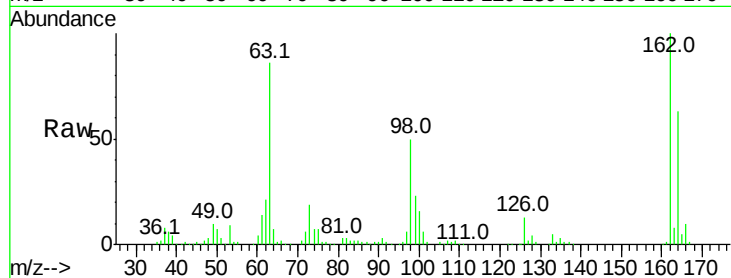
ClientSampleId :

PB86403BS

Tot Ion:	162	Resp:	415716
Ion Ratio	Lower	Upper	
162	100		
164	62.6	46.8	86.8
98	49.8	12.5	52.5

Manual Integrations
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11/4/2015 5:26:11 PM



#30

1,2,4-Trichlorobenzene

Concen: 36.36 ng

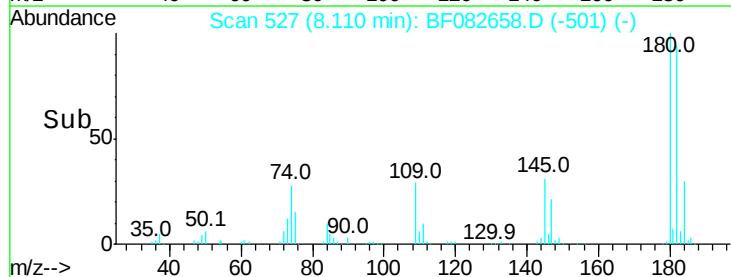
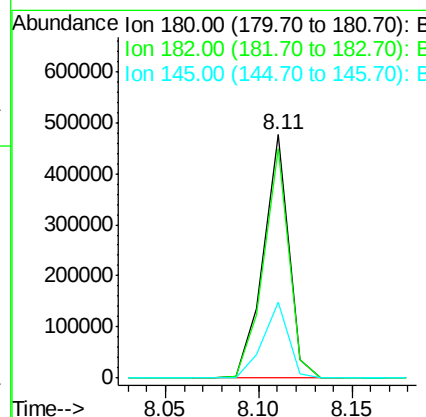
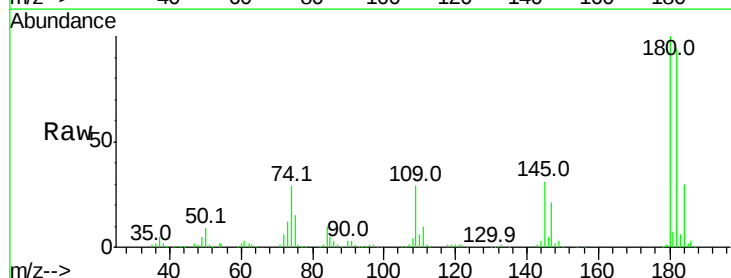
RT: 8.11 min Scan# 527

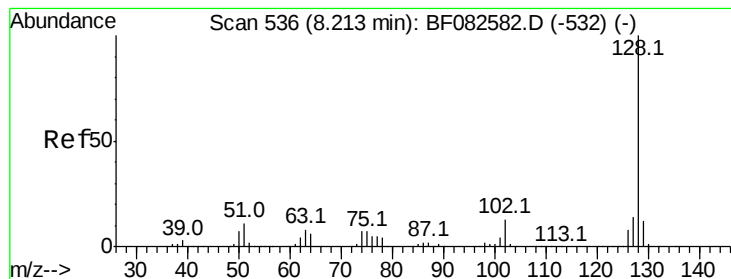
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	180	Resp:	446955
Ion Ratio	Lower	Upper	
180	100		
182	94.0	74.9	112.3
145	31.1	27.8	41.8





#31

Naphthalene

Concen: 36.78 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:128 Resp: 1370129

Ion Ratio Lower Upper

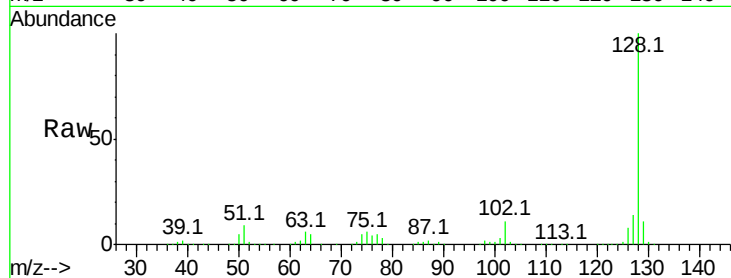
128 100

129 11.5 9.5 14.3

127 13.9 11.4 17.0

Manual Integrations
APPROVED

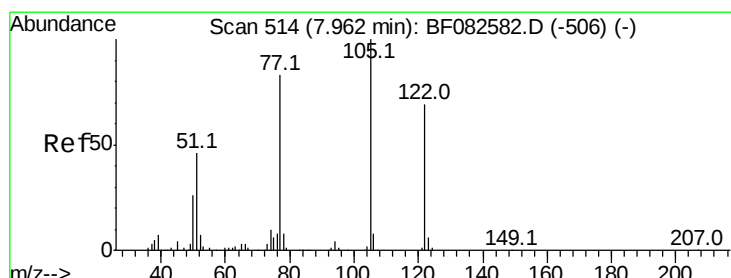
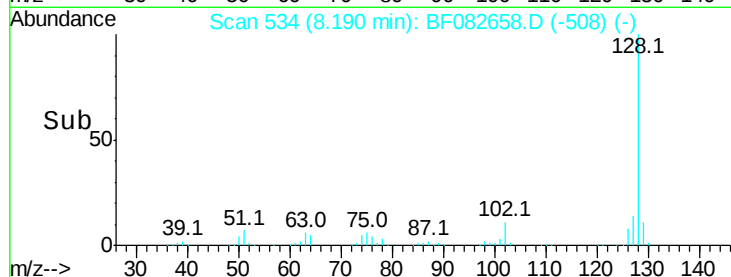
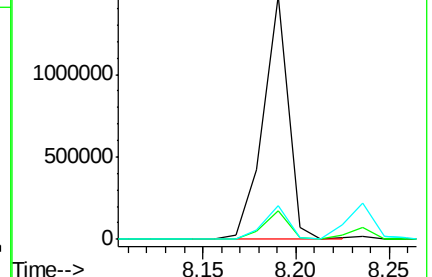
Mmdadoda
11/4/2015 5:26:11 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.78 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

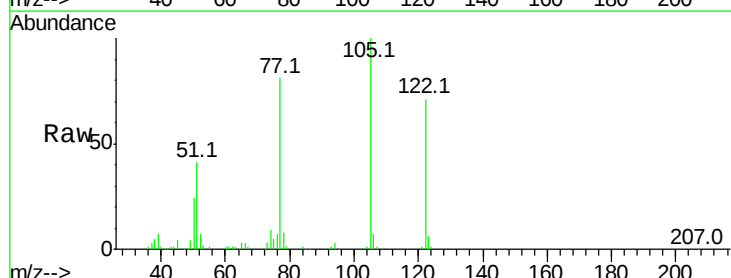
Tgt Ion:122 Resp: 297787

Ion Ratio Lower Upper

122 100

105 140.1 122.6 162.6

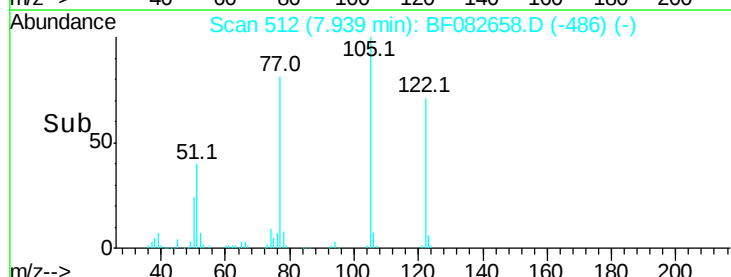
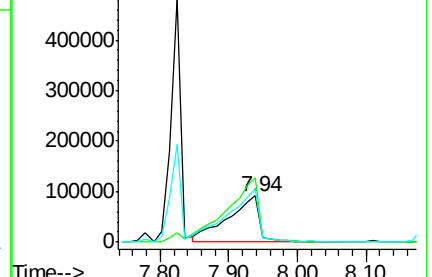
77 114.1 100.9 140.9

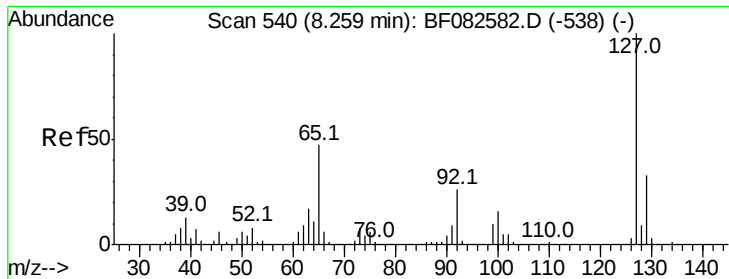


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





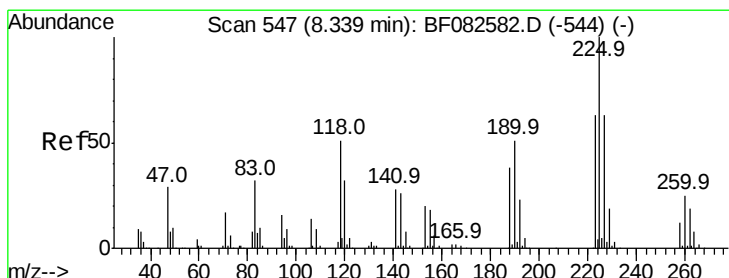
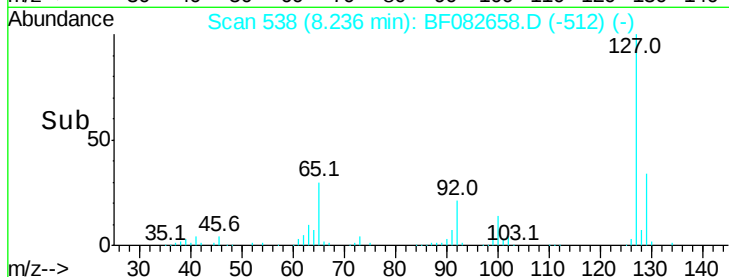
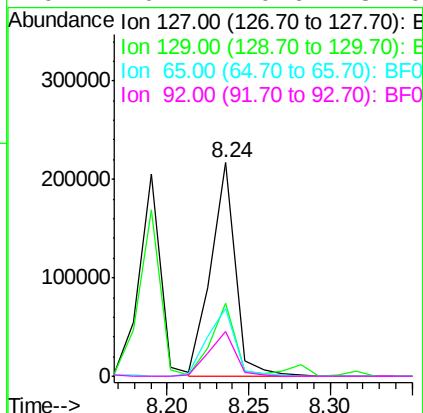
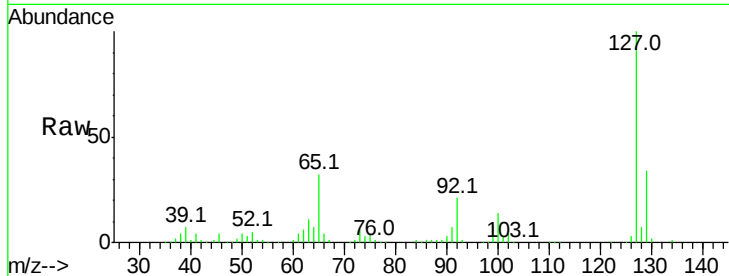
#33
4-Chloroaniline
Concen: 14.34 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	34.3	26.3	39.5
65	31.9	37.8	56.8
92	20.7	20.6	31.0

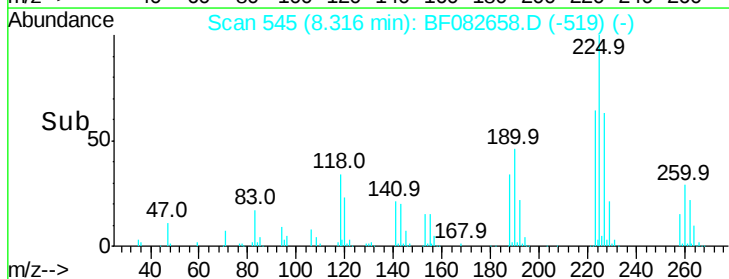
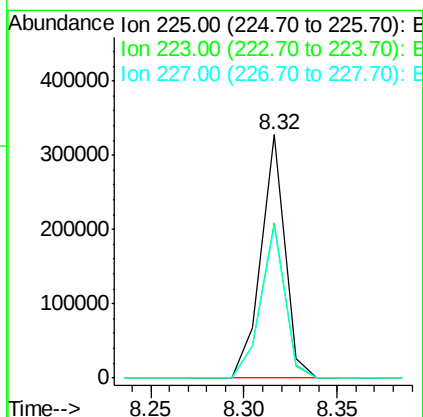
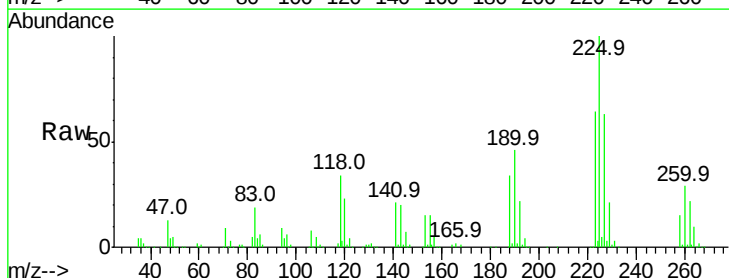
Manual Integrations
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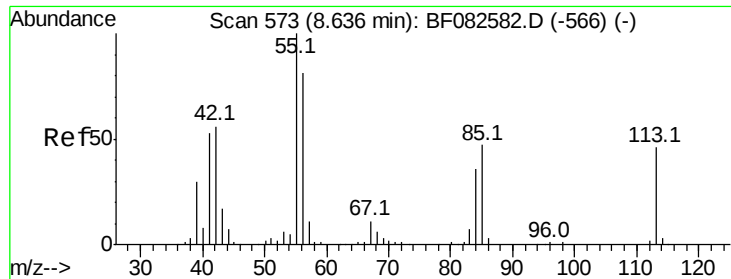
Mmdadoda
11/4/2015 5:26:11 PM



#34
Hexachlorobutadiene
Concen: 37.12 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	50.5	75.7
227	62.9	50.2	75.2





#35

Caprolactam

Concen: 42.49 ng/mL

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleID :

PB86403BS

Tot Ion:113 Resp: 144395

Ion Ratio Lower Upper

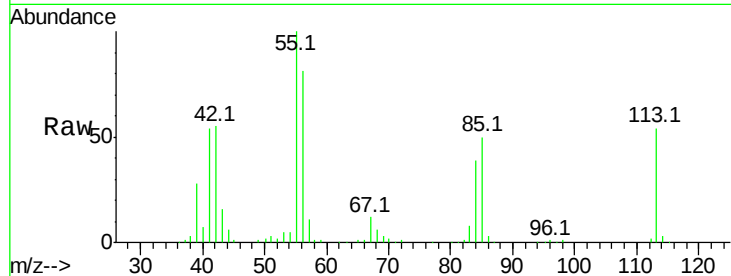
113 100

55 184.1 195.5 235.5#

56 148.6 153.5 193.5#

Manual Integrations
APPROVED

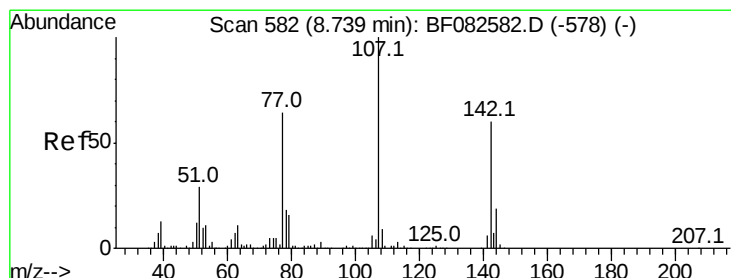
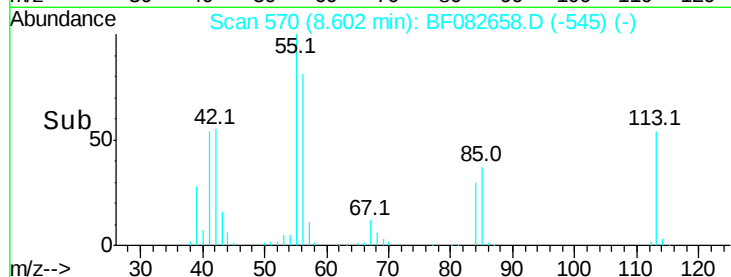
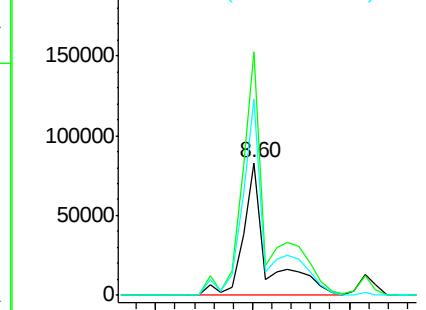
Mmdadoda
11/4/2015 5:26:11 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.96 ng/mL

RT: 8.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

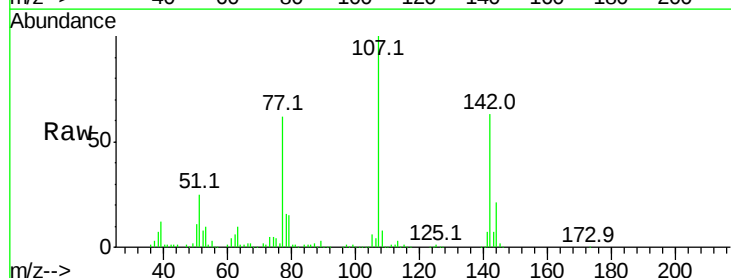
Tgt Ion:107 Resp: 469060

Ion Ratio Lower Upper

107 100

144 20.5 15.4 23.0

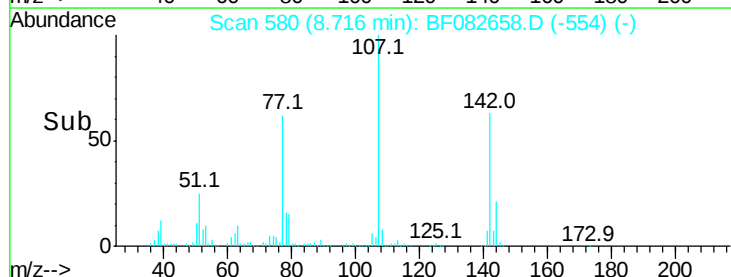
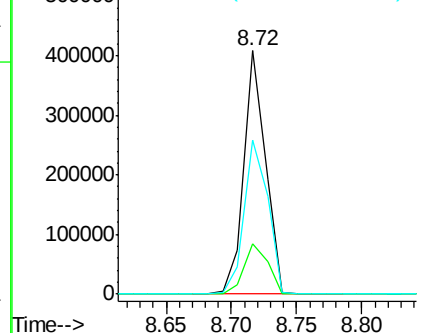
142 63.2 47.8 71.8

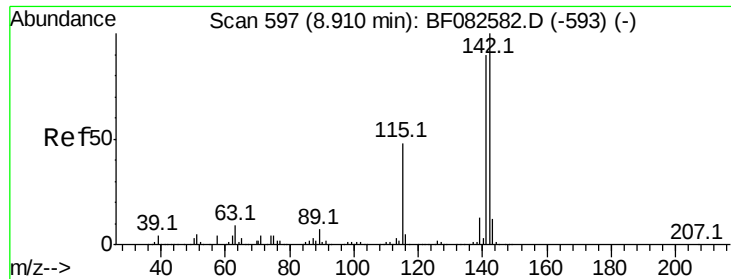


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





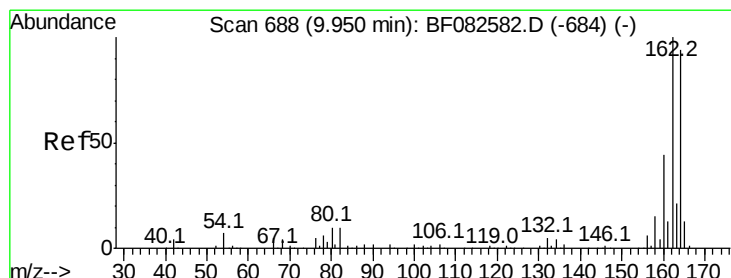
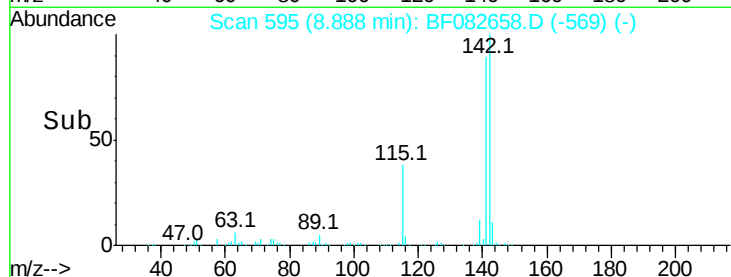
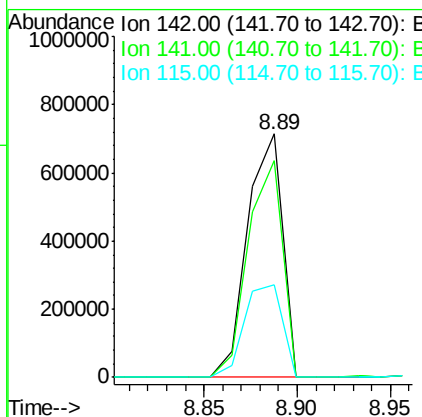
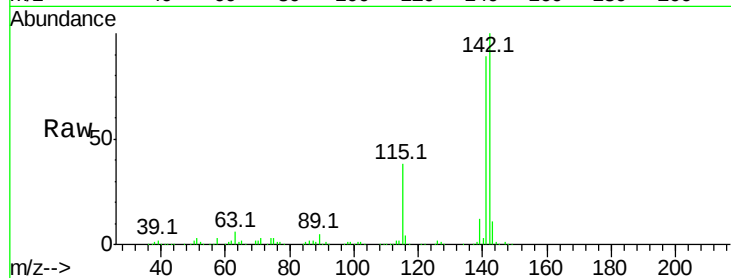
#37
2-Methylnaphthalene
Concen: 38.45 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	928158		
141	88.9	72.3	108.5	
115	38.3	38.1	57.1	

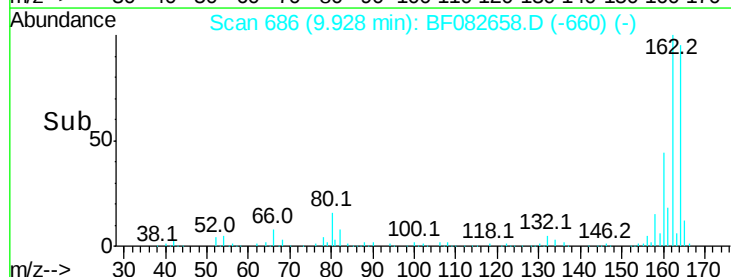
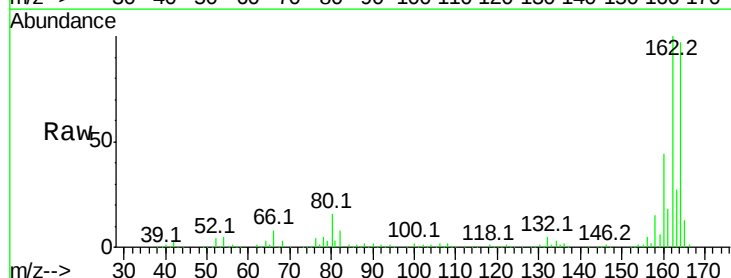
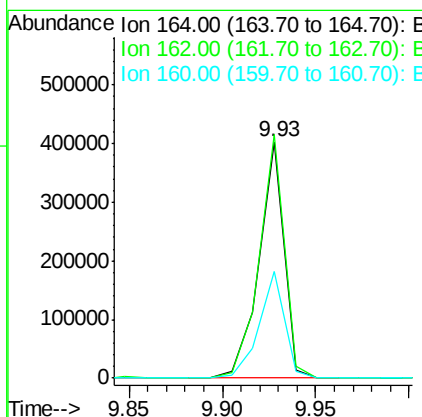
Manual Integrations
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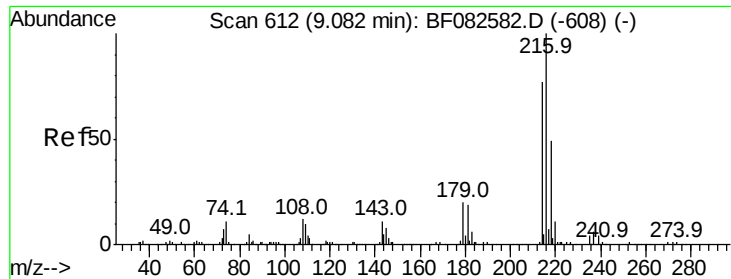
Mmdadoda
11/4/2015 5:26:11 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	370330		
162	103.1	84.9	127.3	
160	45.1	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.77 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

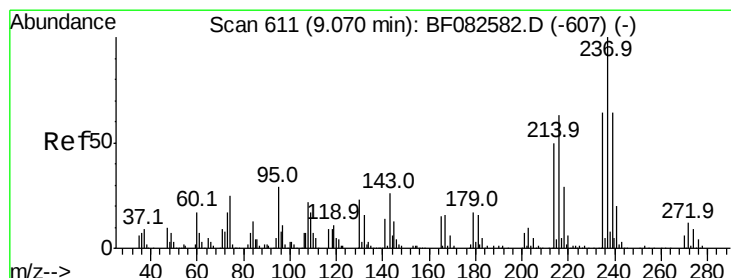
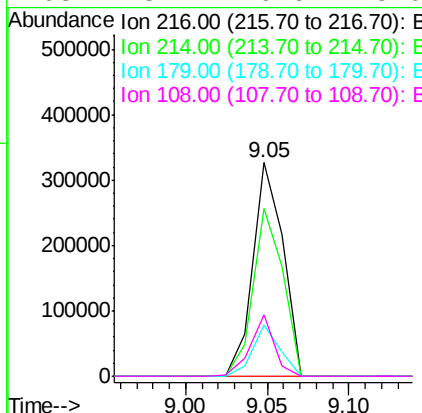
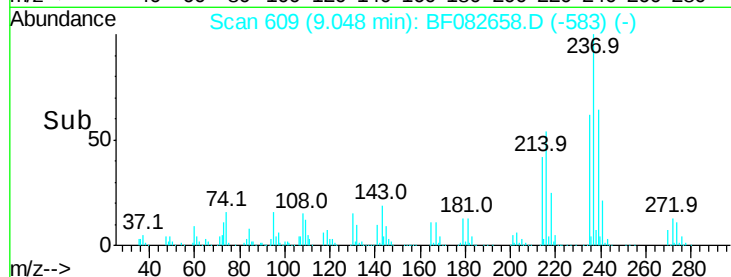
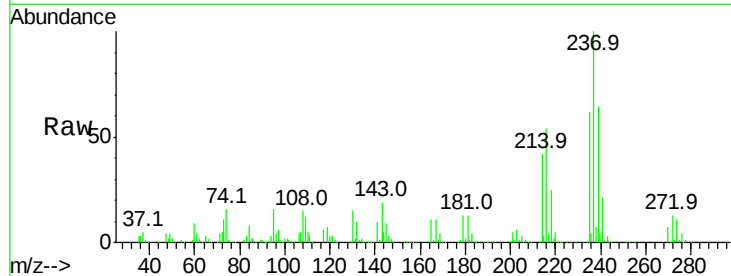
ClientSampleId :

PB86403BS

Manual Integrations
APPROVED

Mmdadoda
11/4/2015 5:26:11 PM

Tot Ion	Ratio	Resp	Lower	Upper
216	100	417253		
214	78.1	62.2	93.2	
179	21.7	18.1	27.1	
108	23.1	16.6	25.0	



#40

Hexachlorocyclopentadiene

Concen: 78.55 ng

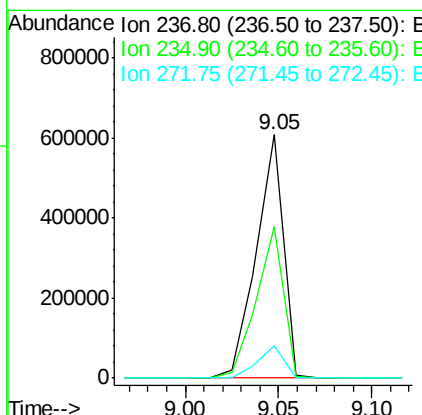
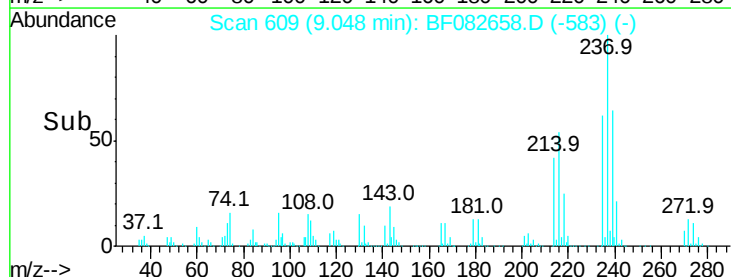
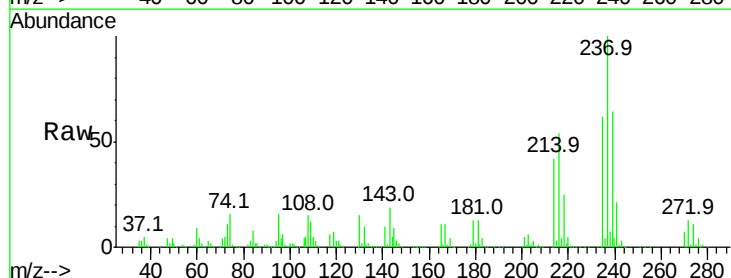
RT: 9.05 min Scan# 609

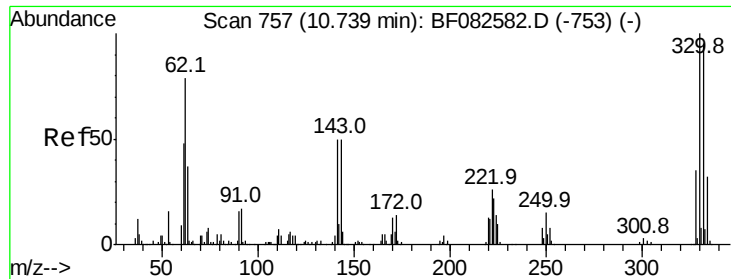
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	610269		
235	62.4	44.3	84.3	
272	13.3	0.0	31.9	





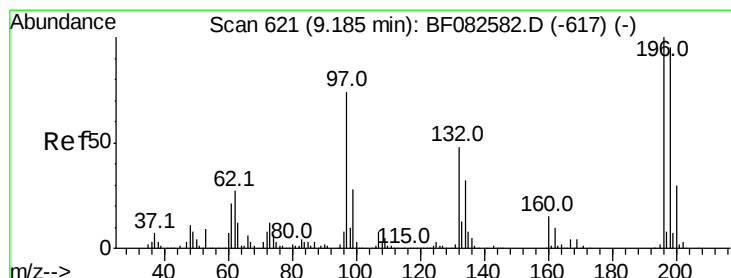
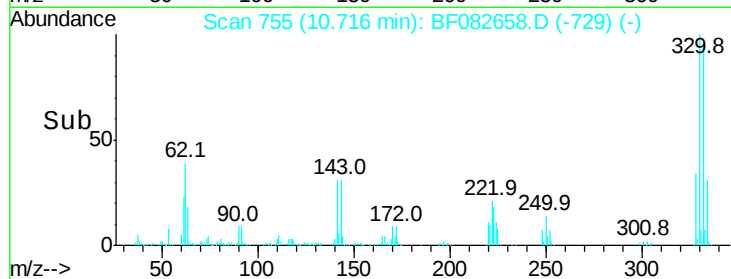
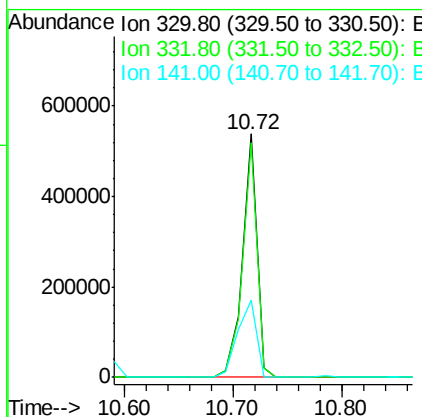
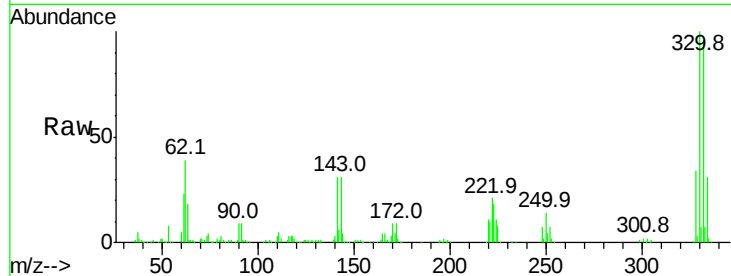
#41
 2,4,6-Tribromophenol
 Concen: 120.32 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	41.1	41.2	61.8#

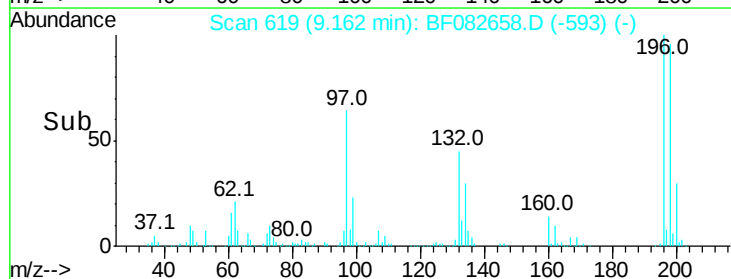
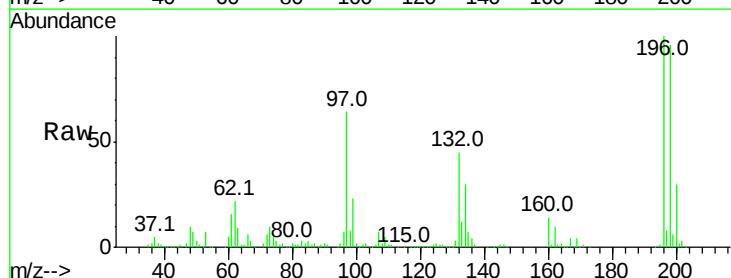
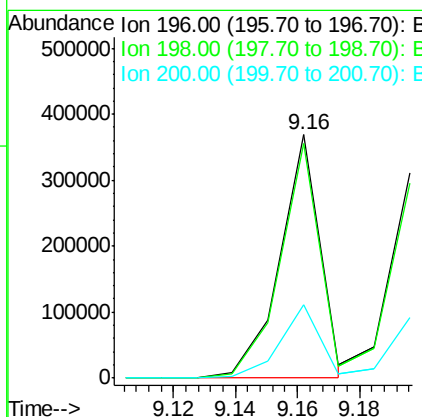
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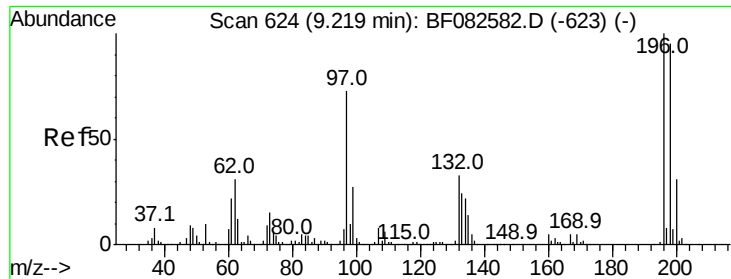
Mmdadoda
 11/4/2015 5:26:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.48 ng m
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	30.3	23.9	35.9





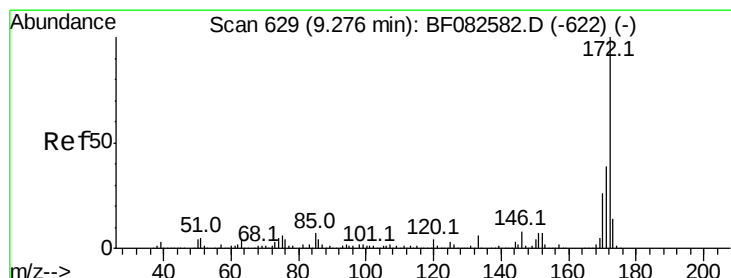
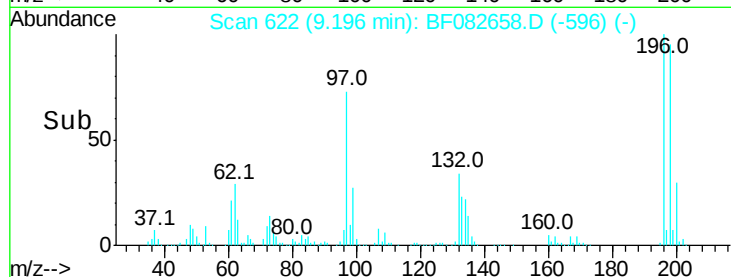
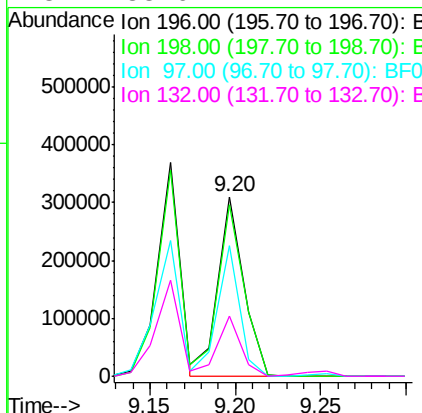
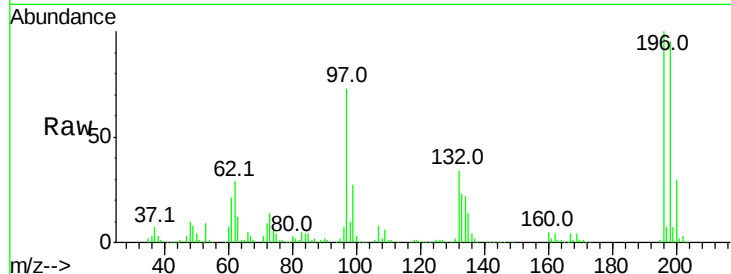
#43
 2,4,5-Trichlorophenol
 Concen: 36.53 ng/mL
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion:	196	Resp:	324801
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.8	113.8
97	72.6	62.3	93.5
132	33.6	27.4	41.2

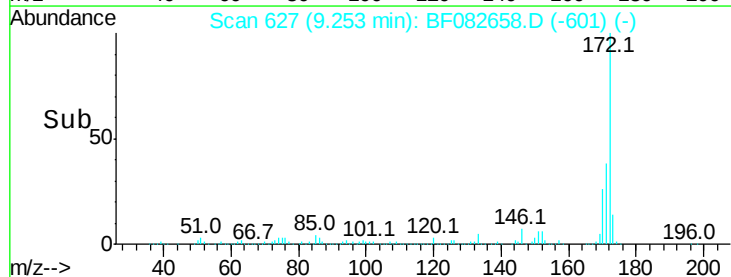
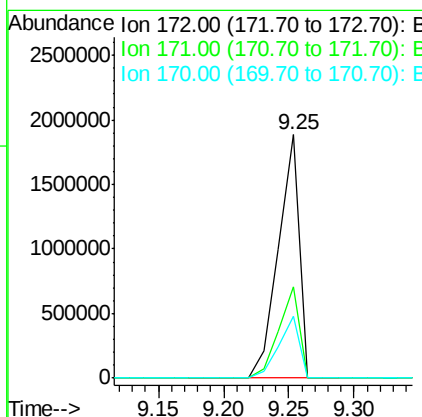
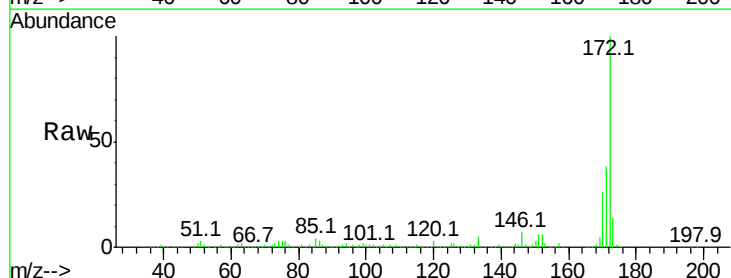
Manual Integrations
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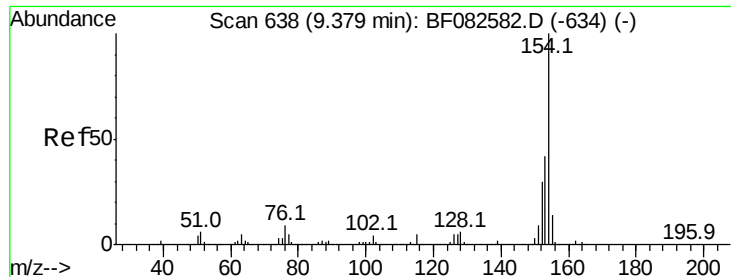
Mmdadoda
 11/4/2015 5:26:11 PM



#44
 2-Fluorobiphenyl
 Concen: 81.53 ng/mL
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:	172	Resp:	2126688
Ion Ratio	Lower	Upper	
172	100		
171	37.7	30.8	46.2
170	25.5	21.2	31.8





#45

1,1'-Biphenyl

Concen: 33.71 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:154 Resp: 1054590

Ion Ratio Lower Upper

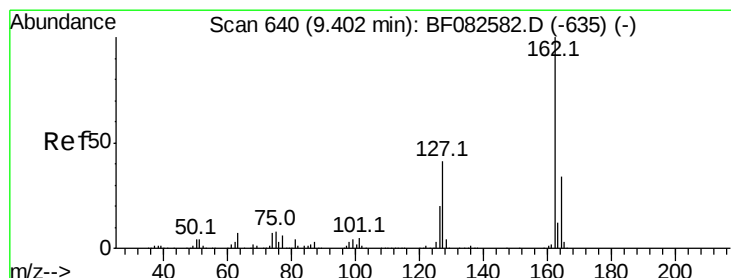
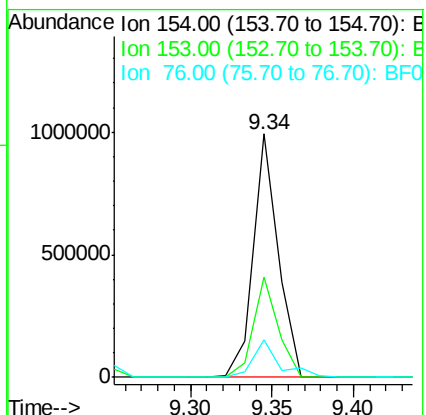
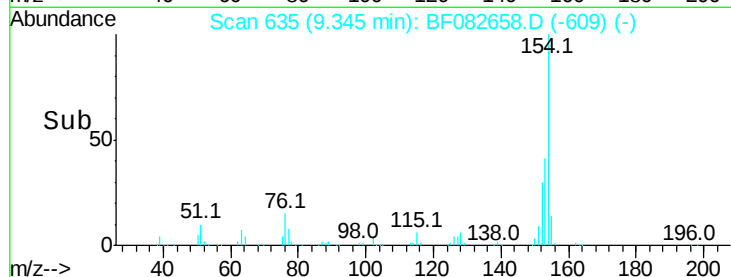
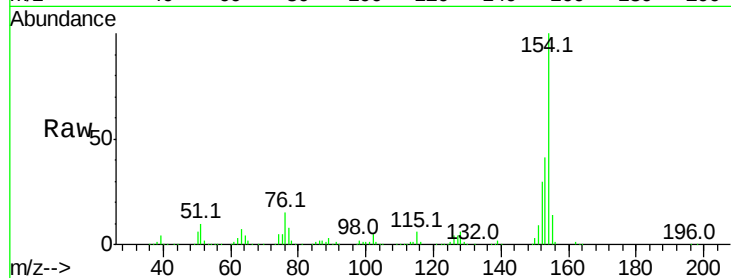
154 100

153 41.0 22.0 62.0

76 15.3 0.0 29.0

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#46

2-Chloronaphthalene

Concen: 34.35 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

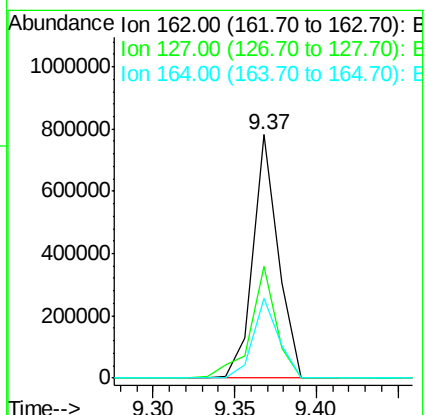
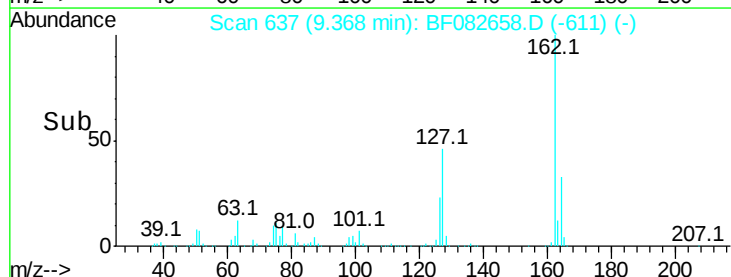
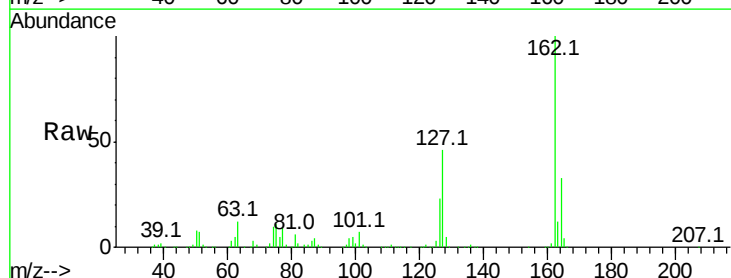
Tgt Ion:162 Resp: 839078

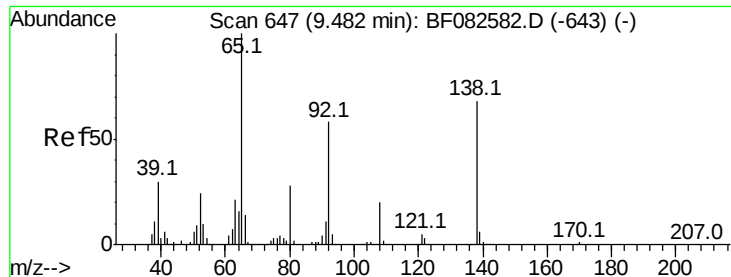
Ion Ratio Lower Upper

162 100

127 46.2 32.7 49.1

164 32.7 27.4 41.0





#47

2-Nitroaniline

Concen: 34.19 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

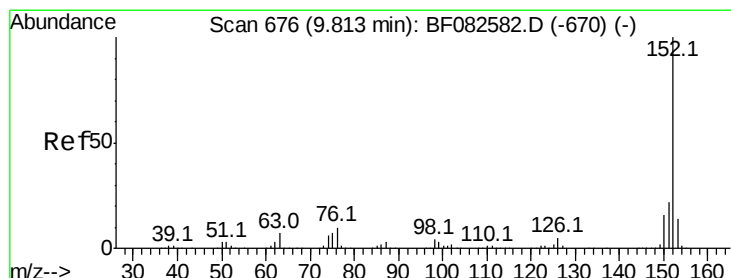
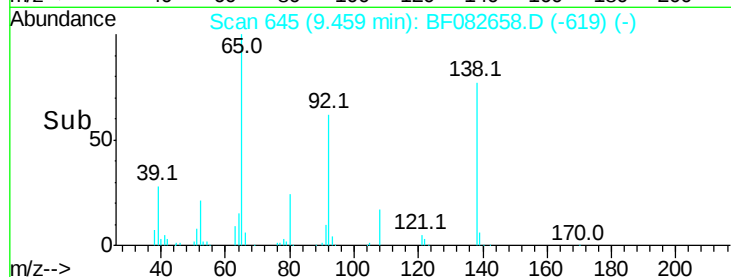
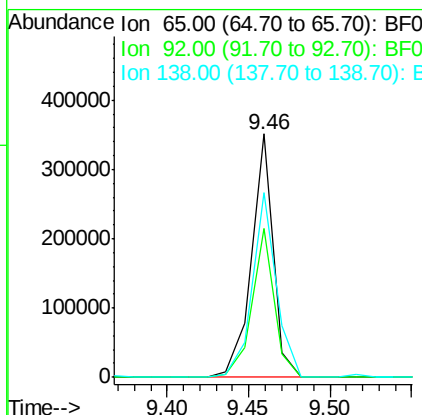
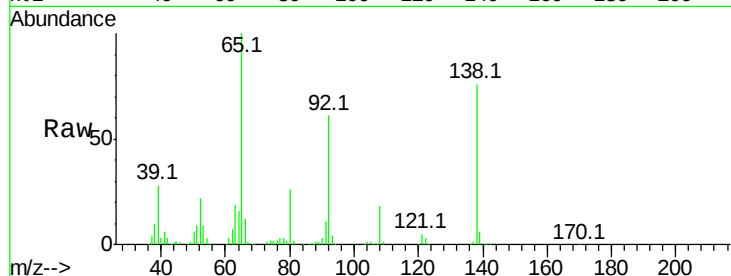
ClientSampleId :

PB86403BS

Tot Ion:	65	Resp:	324631
Ion Ratio	Lower	Upper	
65	100		
92	61.3	46.6	70.0
138	75.8	54.6	81.8

Manual Integrations
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#48

Acenaphthylene

Concen: 38.78 ng

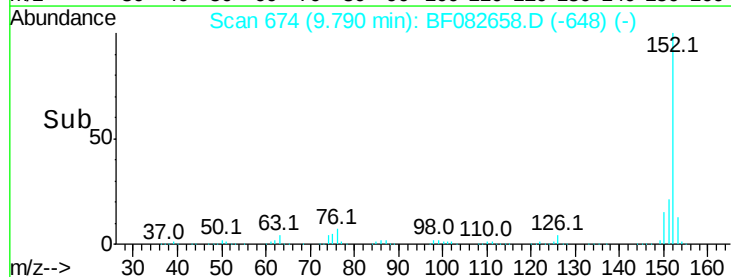
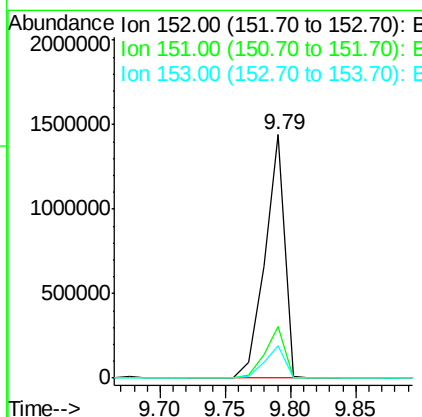
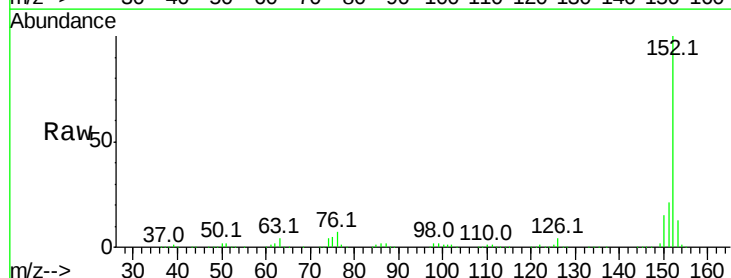
RT: 9.79 min Scan# 674

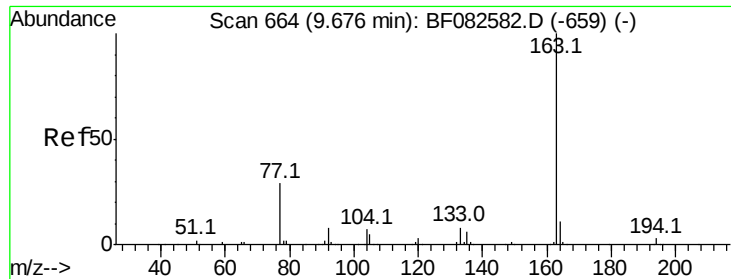
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	152	Resp:	1515089
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.3	25.9
153	13.2	11.3	16.9





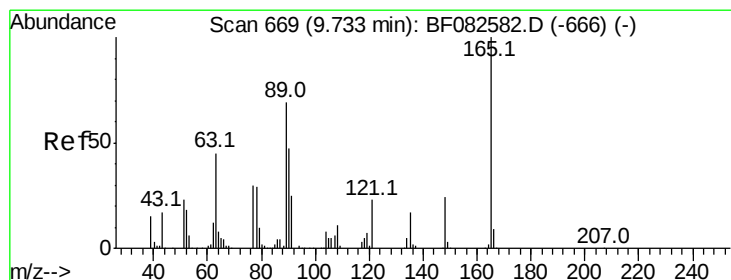
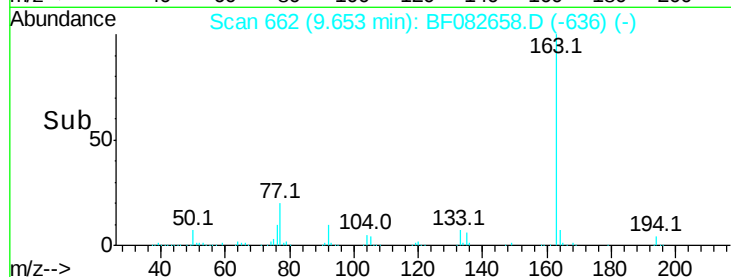
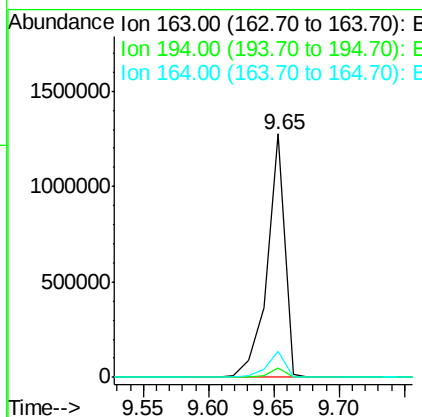
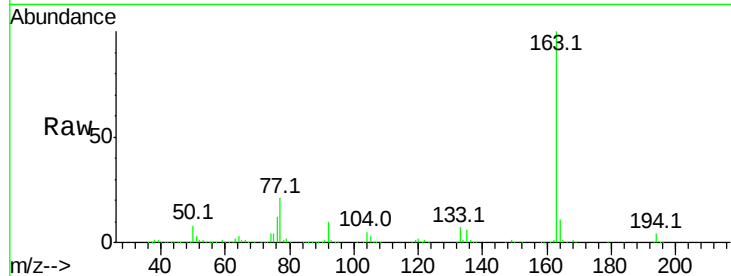
#49
Dimethylphthalate
Concen: 39.65 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion:163 Resp: 1199332
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.7 13.1

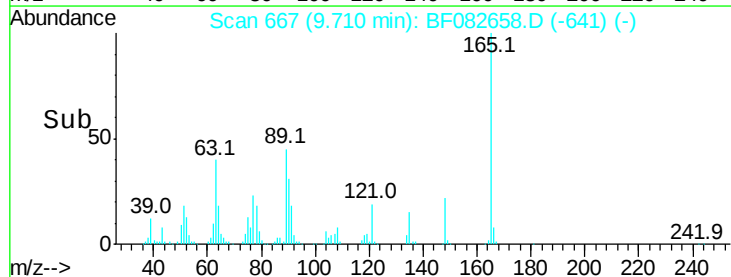
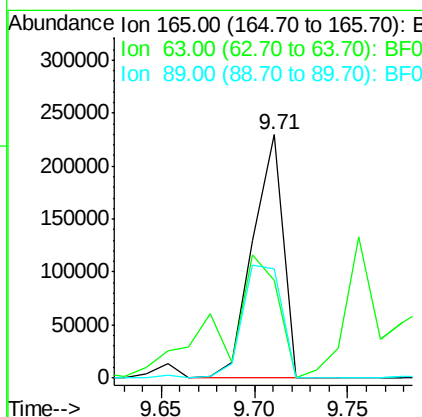
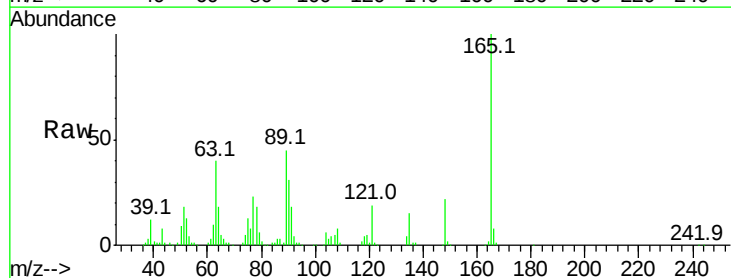
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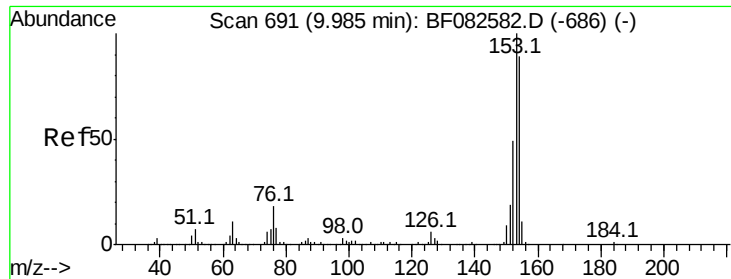
Mmdadoda
11/4/2015 5:26:11 PM



#50
2,6-Dinitrotoluene
Concen: 41.19 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion:165 Resp: 258216
Ion Ratio Lower Upper
165 100
63 39.9 55.5 83.3#
89 44.9 55.0 82.6#





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:154 Resp: 1047744

Ion Ratio Lower Upper

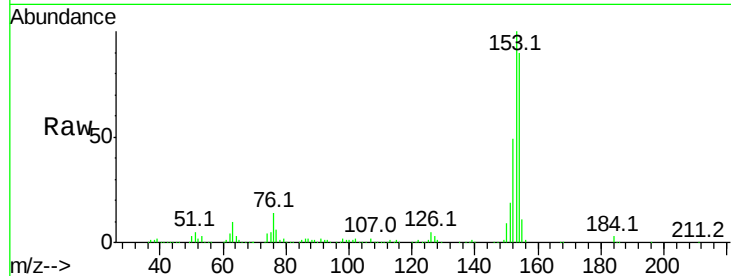
154 100

153 110.9 90.1 135.1

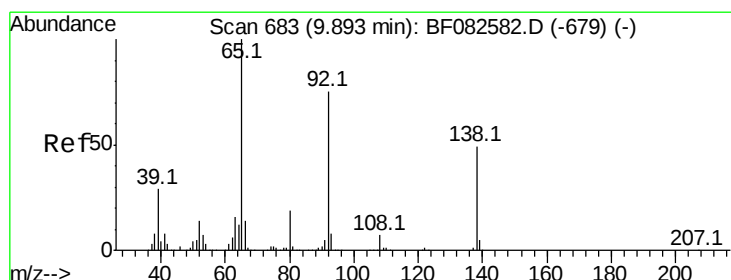
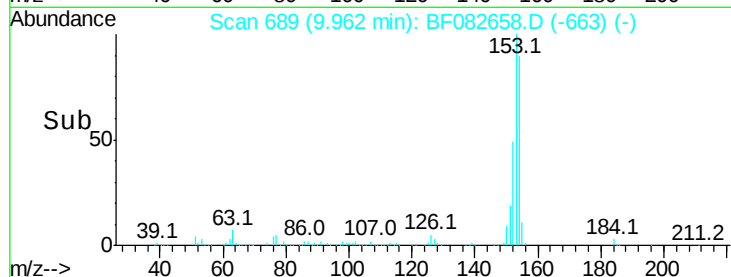
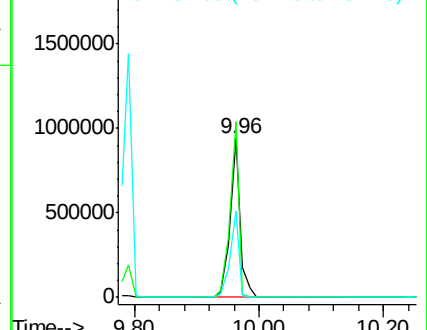
152 54.6 44.3 66.5

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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: 20.40 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

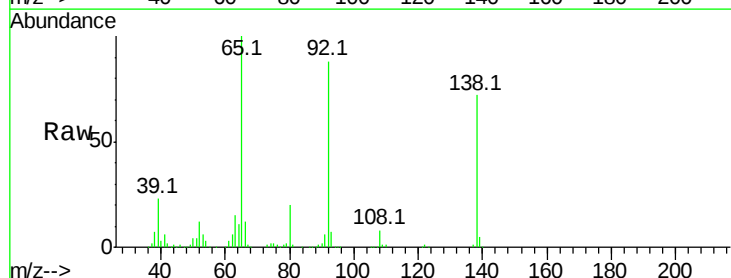
Tgt Ion:138 Resp: 142273

Ion Ratio Lower Upper

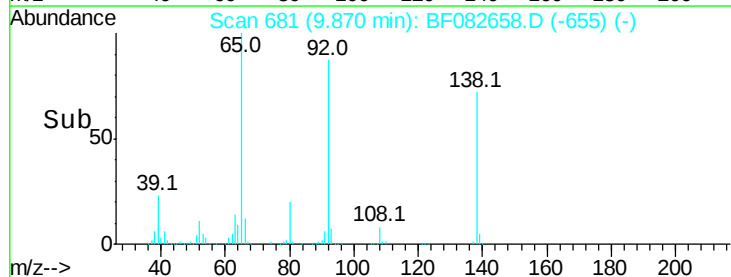
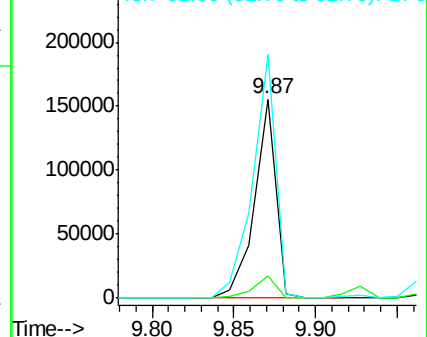
138 100

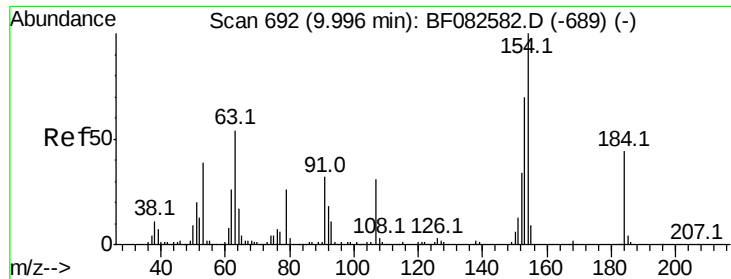
108 11.3 11.3 16.9#

92 122.4 122.4 183.6



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





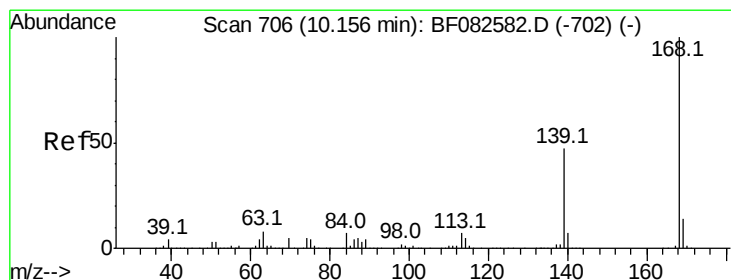
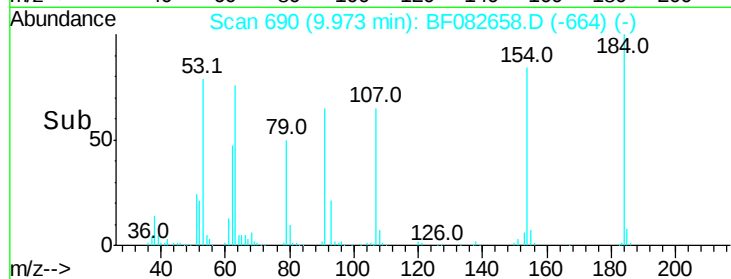
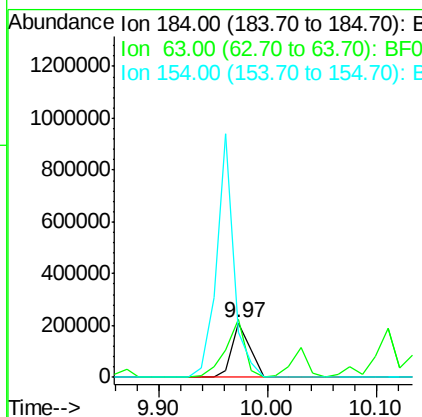
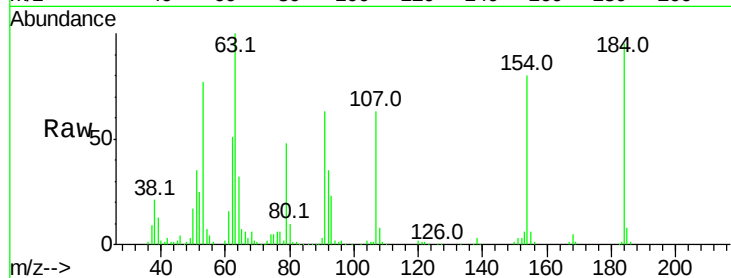
#53
2,4-Dinitrophenol
Concen: 72.16 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	238599		
63	105.7	98.6	148.0	
154	84.2	183.9	275.9#	

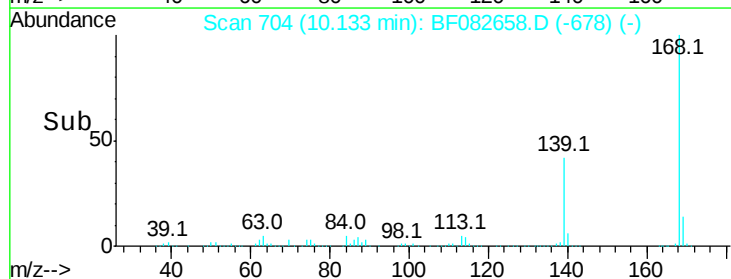
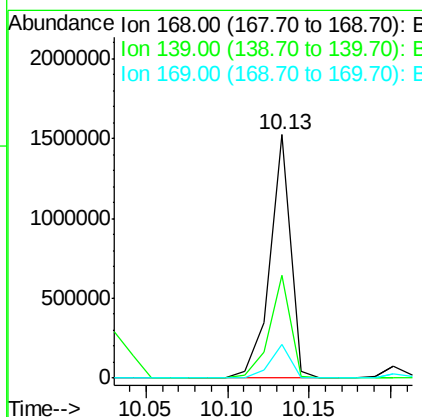
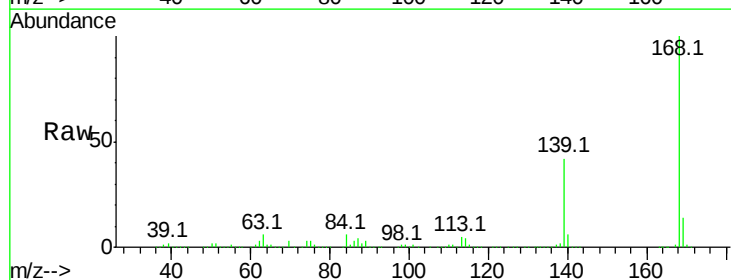
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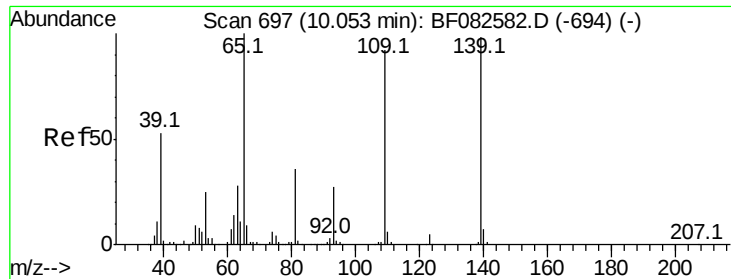
Mmdadoda
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#54
Dibenzofuran
Concen: 39.87 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1341792		
139	42.1	37.8	56.6	
169	14.0	11.3	16.9	





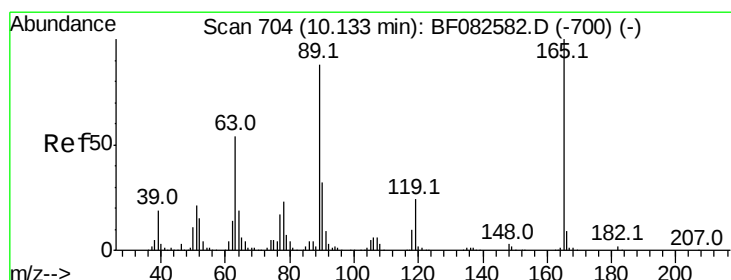
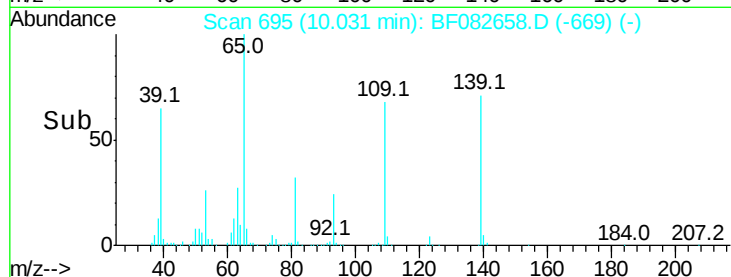
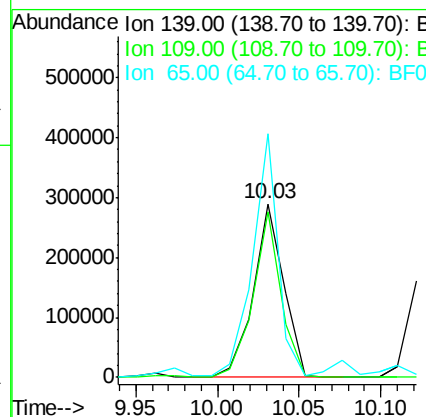
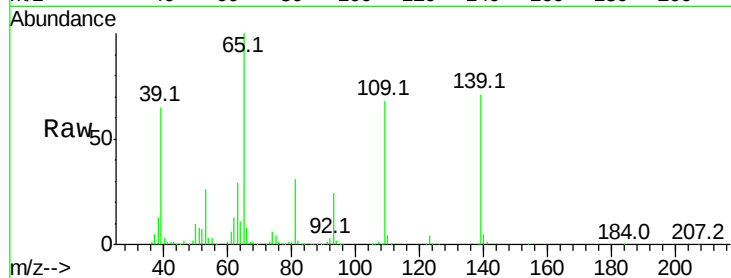
#55
4-Nitrophenol
Concen: 70.85 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	95.8	73.7	113.7	
65	140.5	82.9	122.9	

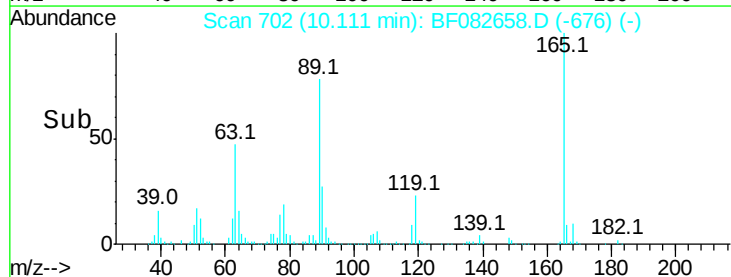
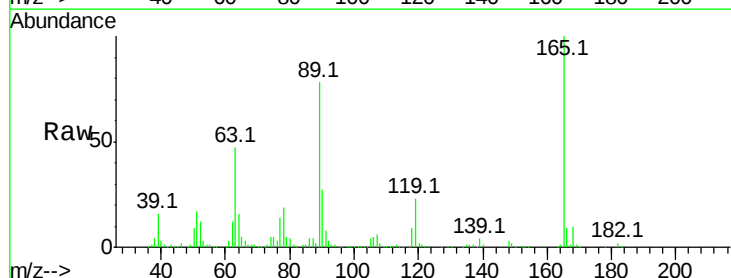
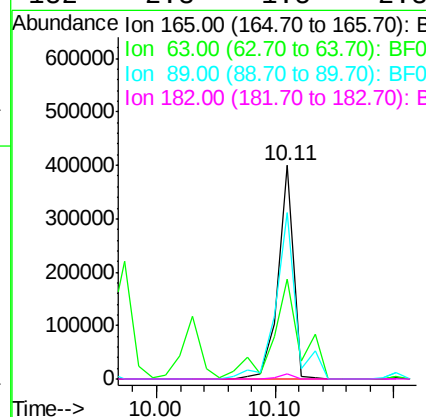
Manual Integrations
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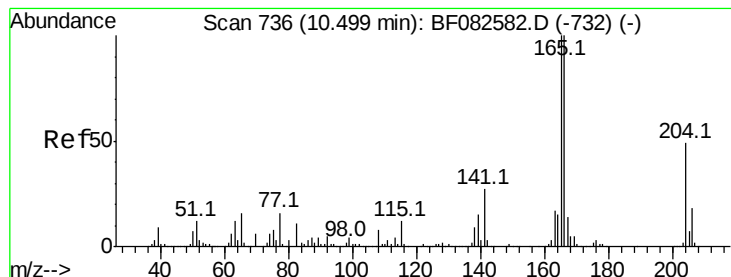
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 42.48 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.9	43.4	65.0	
89	77.8	70.6	106.0	
182	2.3	1.5	2.3	





#57

Fluorene

Concen: 40.05 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:166 Resp: 1087339

Ion Ratio Lower Upper

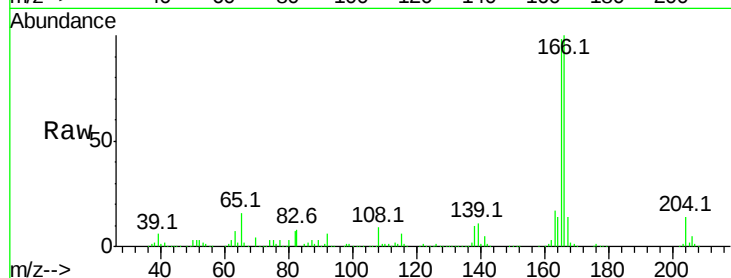
166 100

165 98.4 80.2 120.4

167 13.6 11.2 16.8

Manual Integrations
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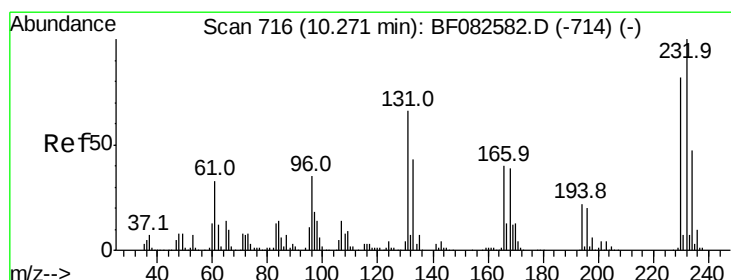
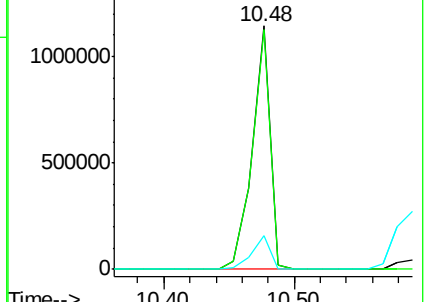
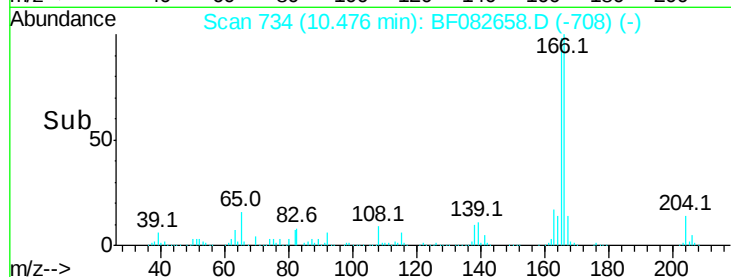
Mmdadoda
11/4/2015 5:26:11 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.08 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:232 Resp: 278627

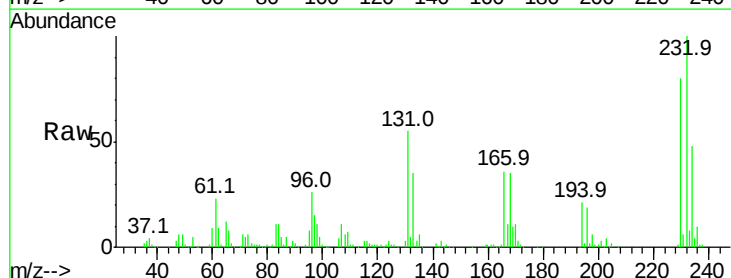
Ion Ratio Lower Upper

232 100

131 53.1 46.2 69.2

130 2.6 2.4 3.6

166 34.6 28.2 42.2

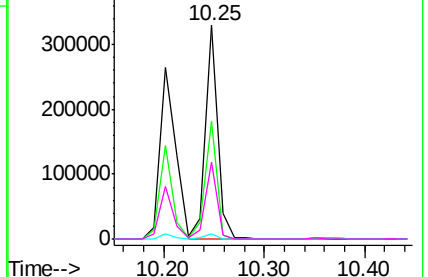
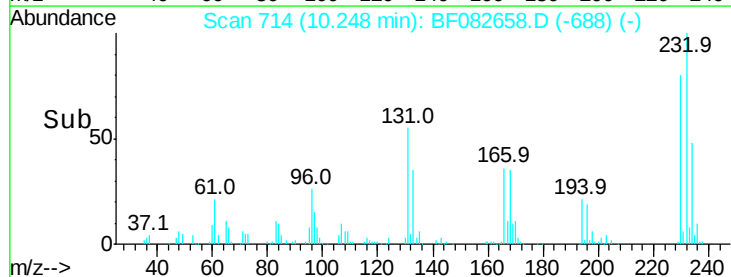


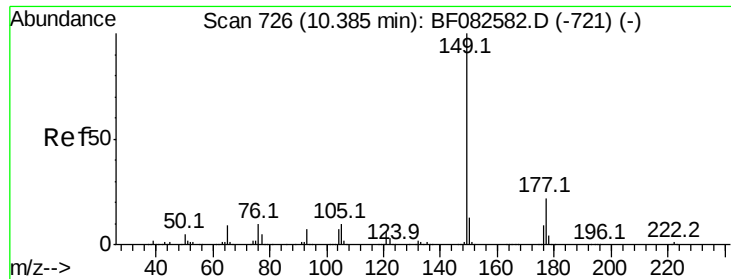
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





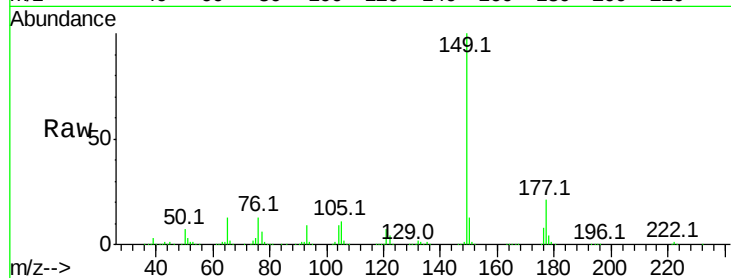
#59
Diethylphthalate
Concen: 35.60 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampled :
PB86403BS

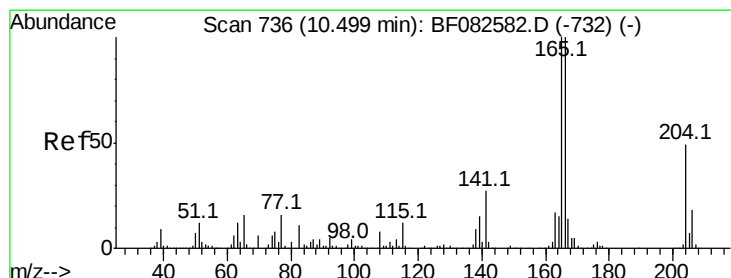
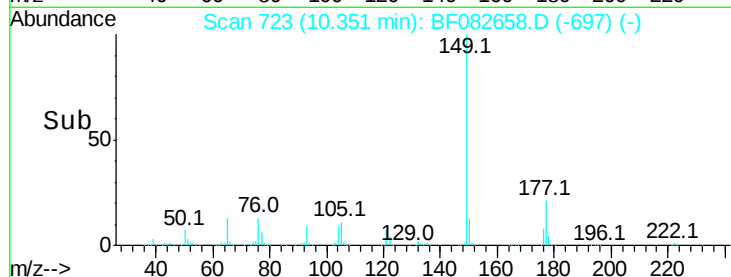
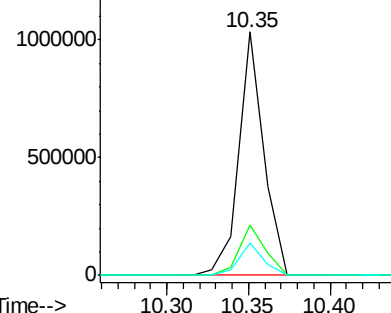
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.9	26.9
150	13.4	10.1	15.1

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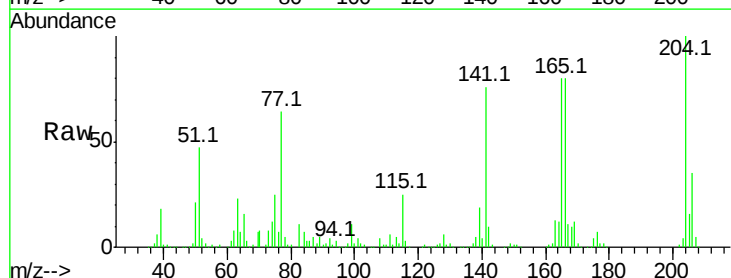


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

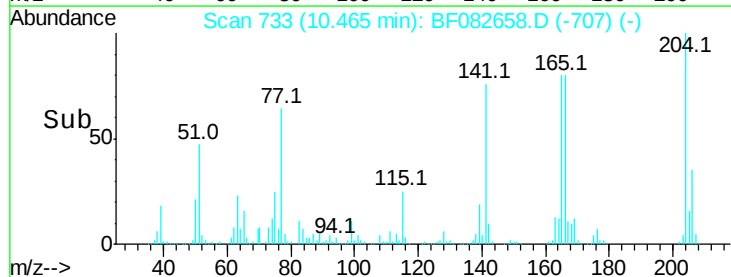
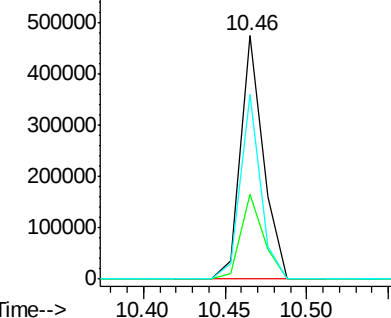


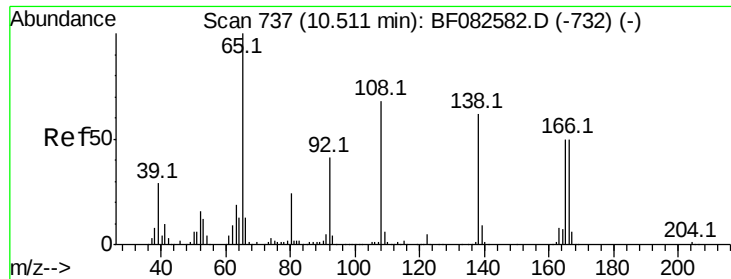
#60
4-Chlorophenyl-phenylether
Concen: 35.03 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	75.8	44.6	66.8#



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





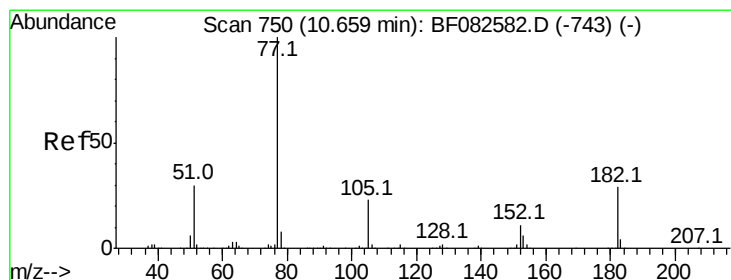
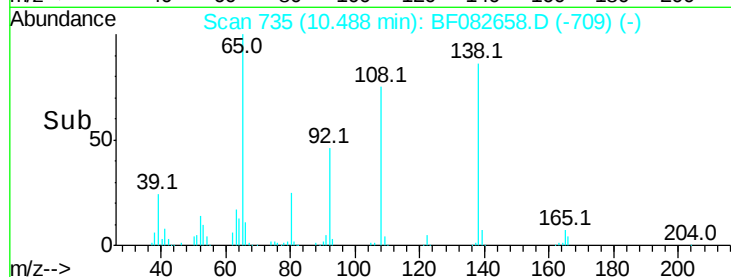
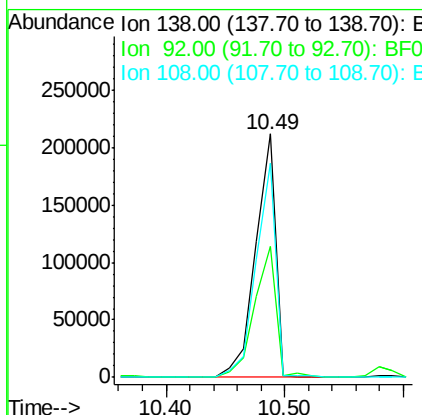
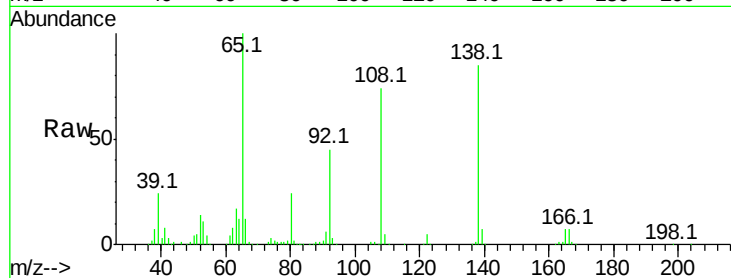
#61
4-Nitroaniline
Concen: 37.75 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	45.8	85.8
108	88.0	89.4	129.4

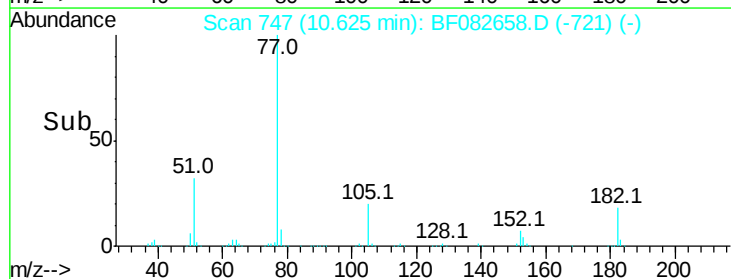
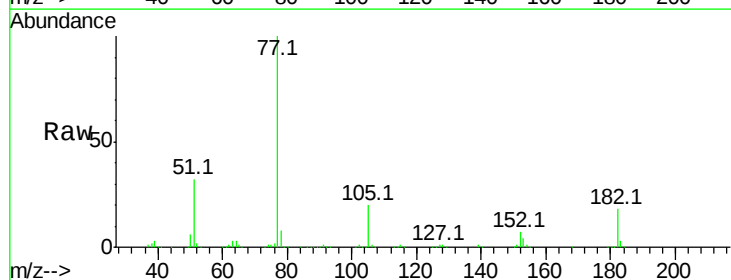
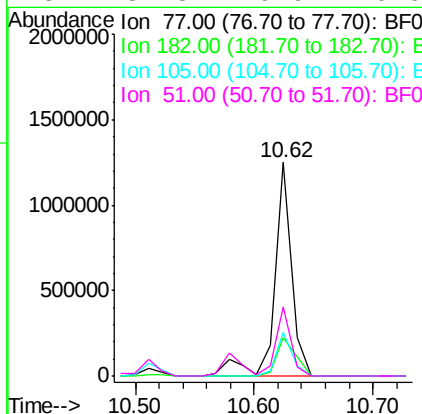
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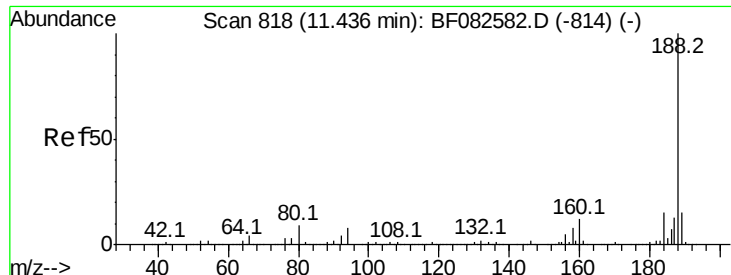
Mmdadoda
11/4/2015 5:26:11 PM



#62
Azobenzene
Concen: 36.16 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	9.3	49.3
105	20.2	2.6	42.6
51	32.3	9.9	49.9





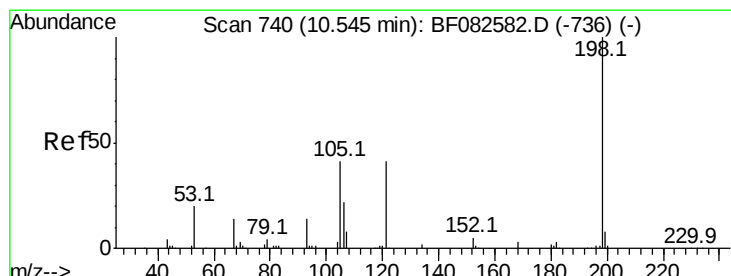
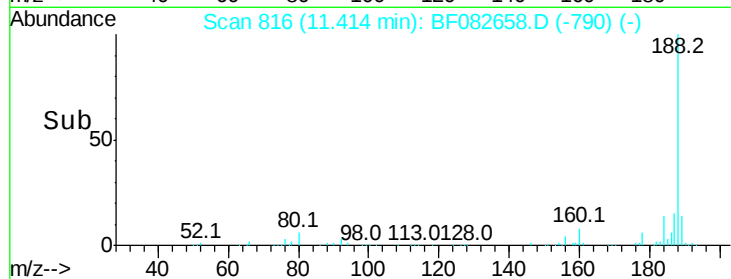
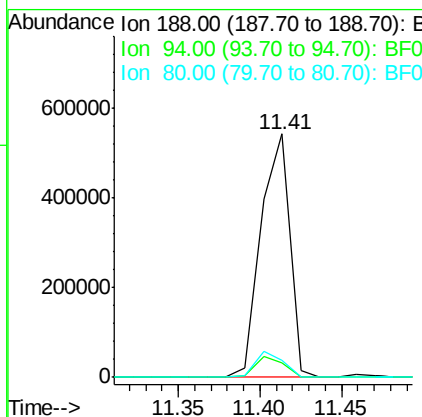
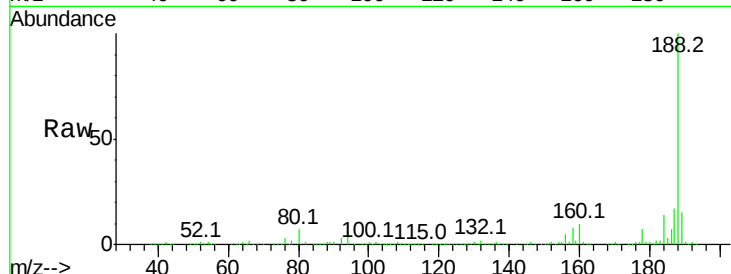
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	670714		
94	6.0		6.1	9.1#
80	6.9		7.0	10.6#

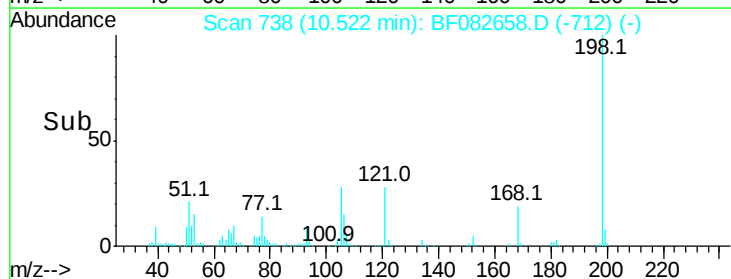
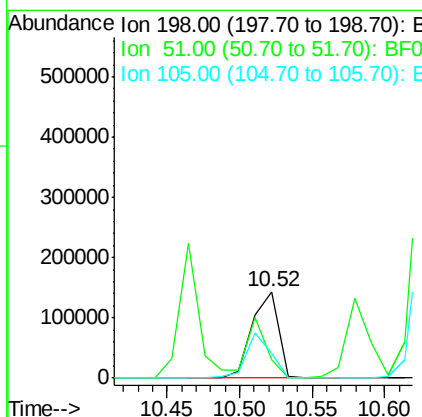
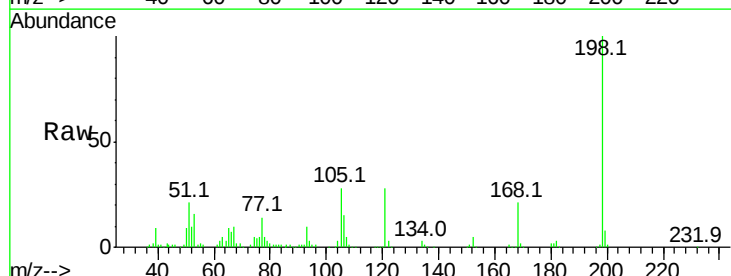
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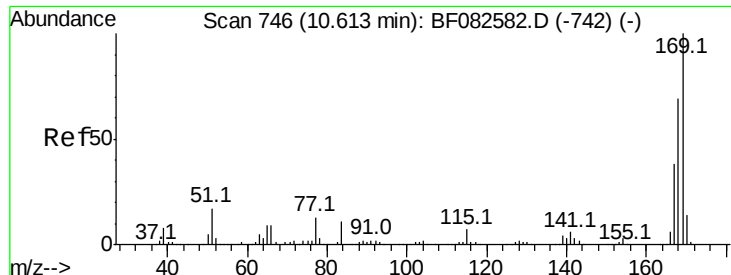
Mmdadoda
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.85 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	181440		
51	21.5		17.3	57.3
105	28.4		21.7	61.7





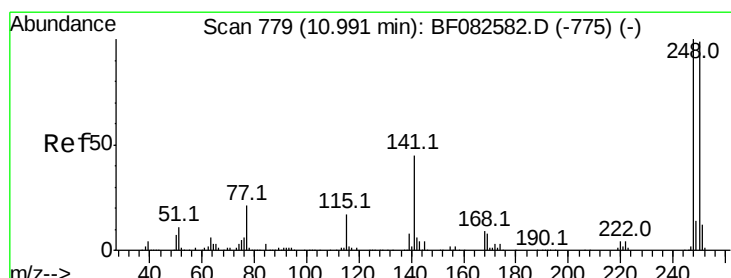
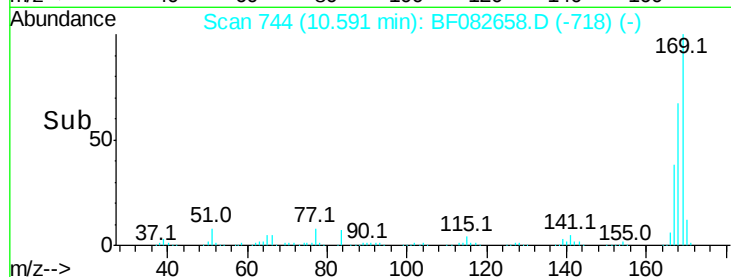
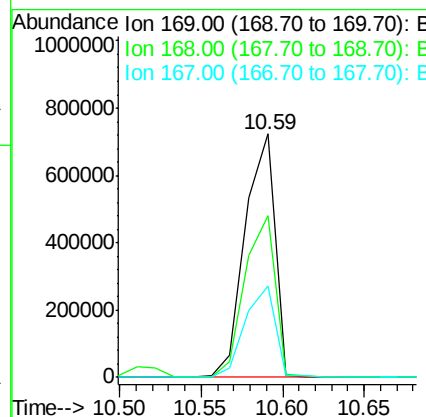
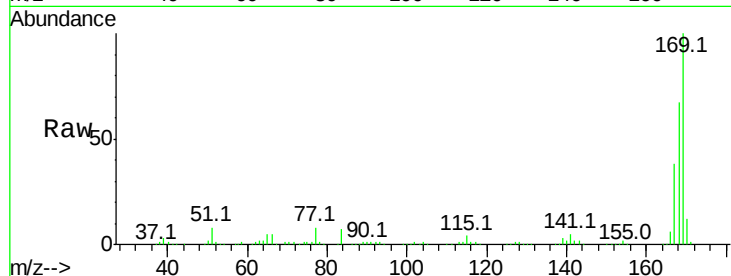
#65
 n-Nitrosodiphenylamine
 Concen: 39.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion:	169	Resp:	914259
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.0	82.6
167	37.6	30.5	45.7

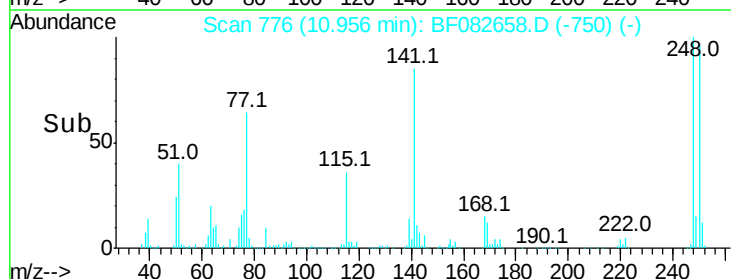
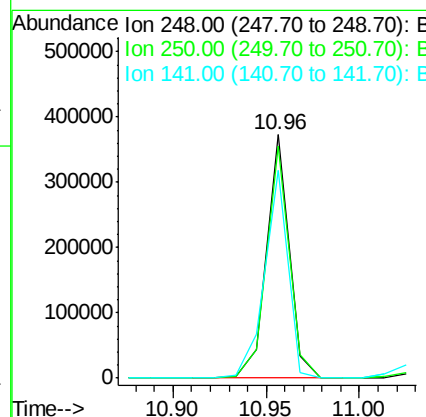
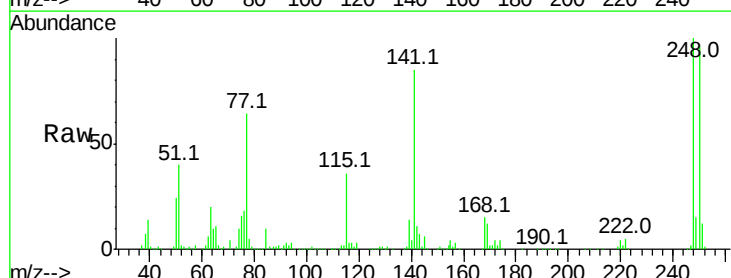
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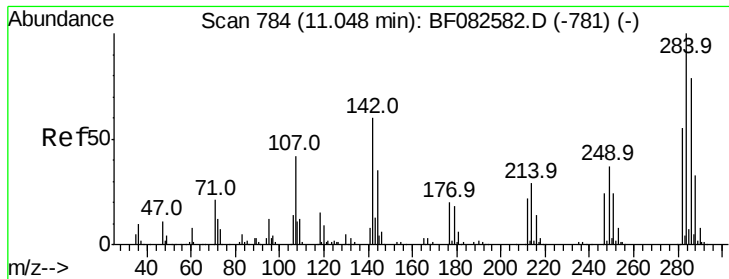
Mmdadoda
 11/4/2015 5:26:11 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:	248	Resp:	311339
Ion Ratio	Lower	Upper	
248	100		
250	95.6	79.4	119.2
141	85.2	36.3	54.5#





#67

Hexachlorobenzene

Concen: 39.76 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

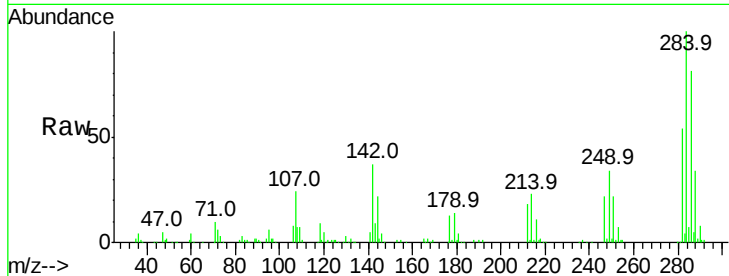
ClientSampleId :

PB86403BS

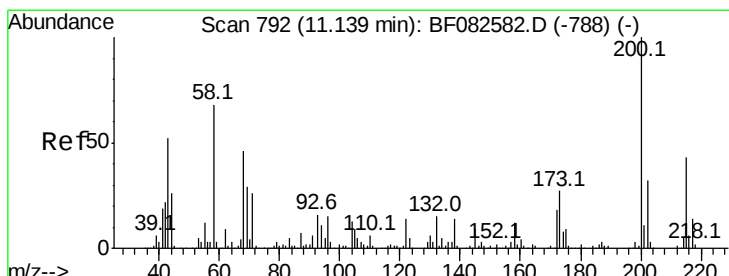
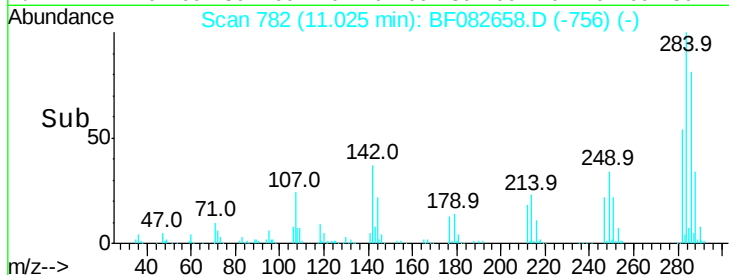
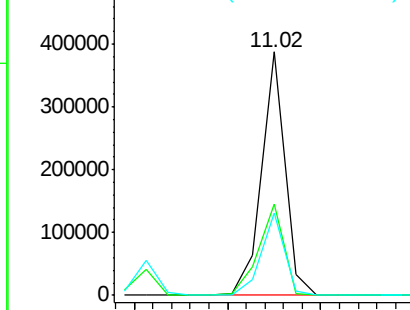
Tot Ion:	284	Resp:	335119
Ion Ratio		Lower	Upper
284	100		
142	37.4	47.9	71.9#
249	33.9	29.7	44.5

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



#68

Atrazine

Concen: 46.53 ng

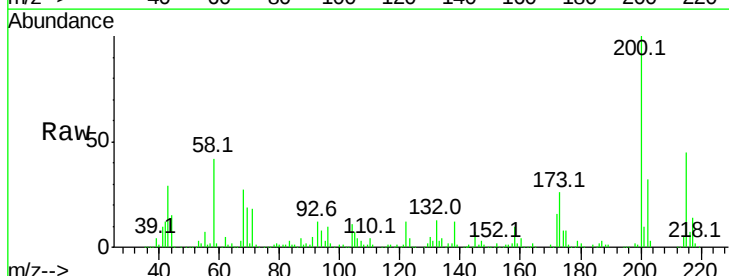
RT: 11.12 min Scan# 790

Delta R.T. 0.00 min

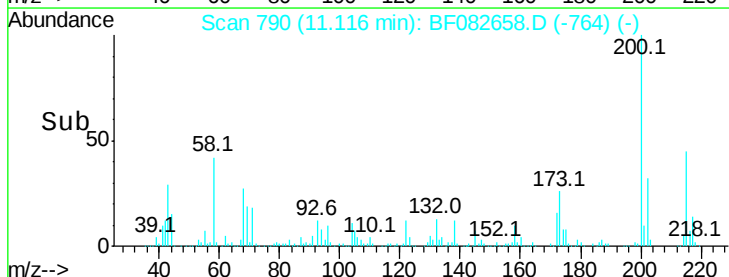
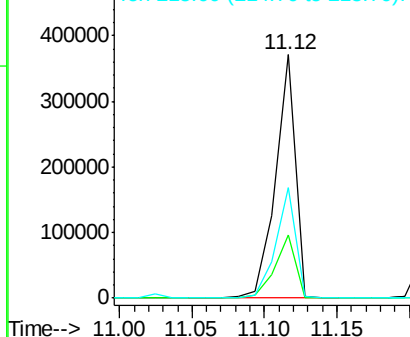
Lab File: BF082658.D

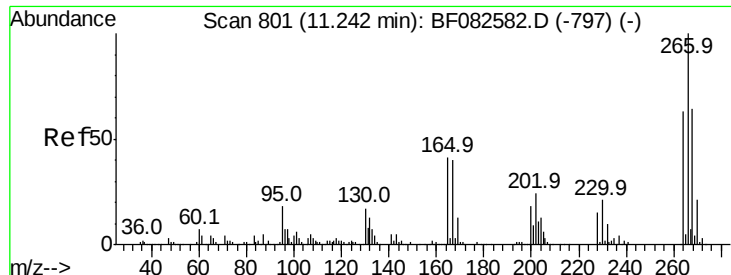
Acq: 3 Nov 2015 13:59

Tgt Ion:	200	Resp:	350970
Ion Ratio		Lower	Upper
200	100		
173	25.9	6.9	46.9
215	45.4	22.9	62.9



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





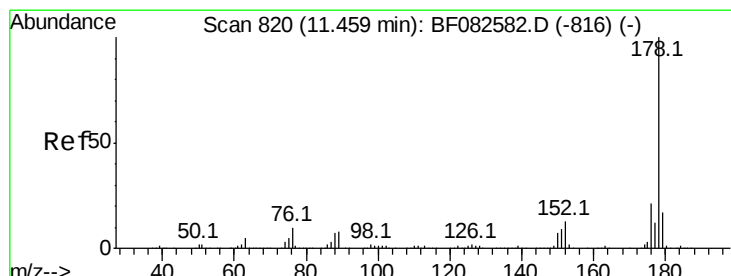
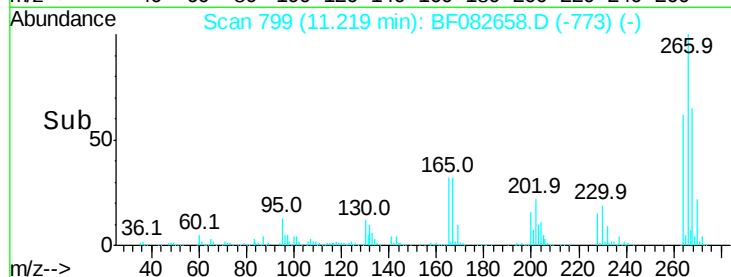
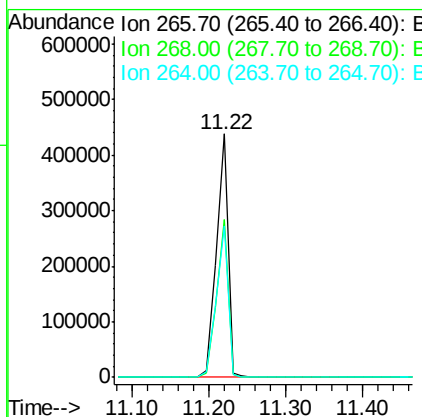
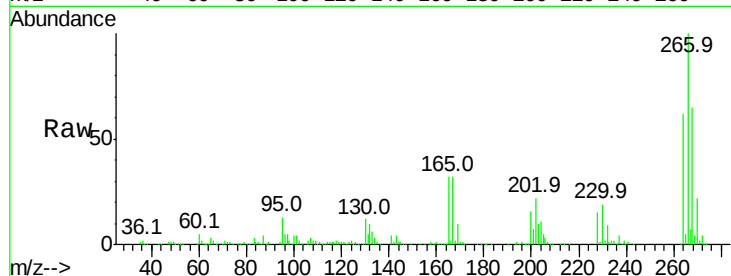
#69
 Pentachlorophenol
 Concen: 82.60 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	459032		
268	64.7		51.0	76.6
264	62.0		50.6	75.8

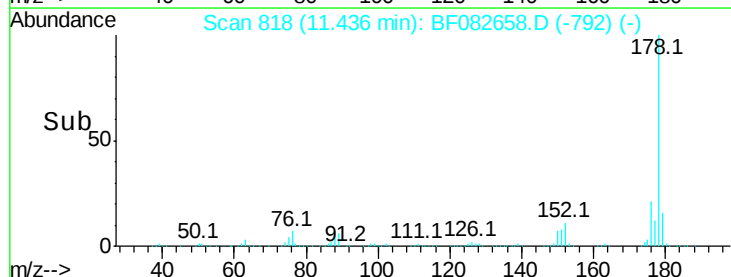
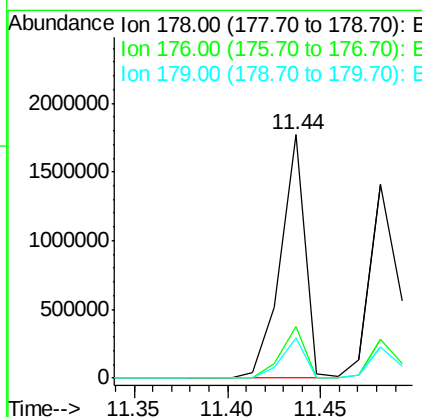
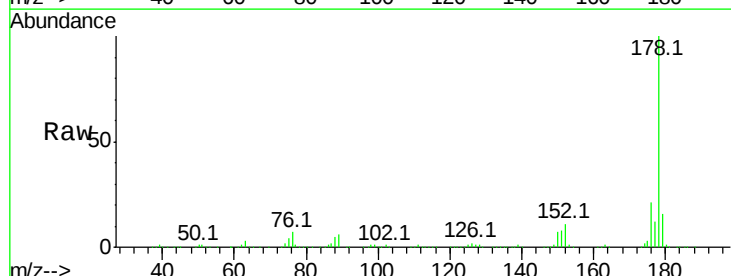
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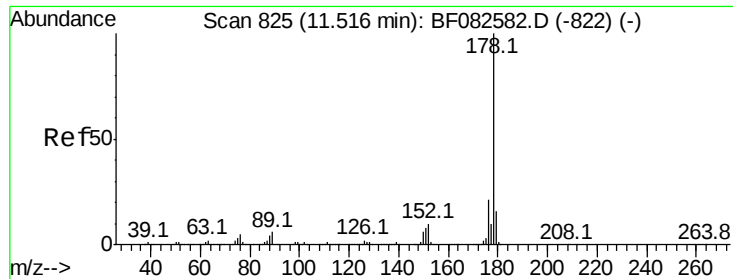
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 11/4/2015 5:26:11 PM



#70
 Phenanthrene
 Concen: 42.78 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1618507		
176	21.0		17.0	25.4
179	16.4		13.4	20.0





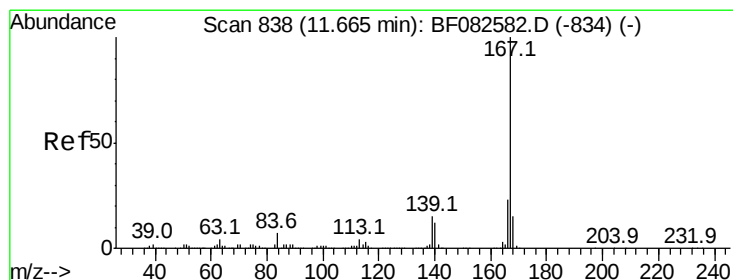
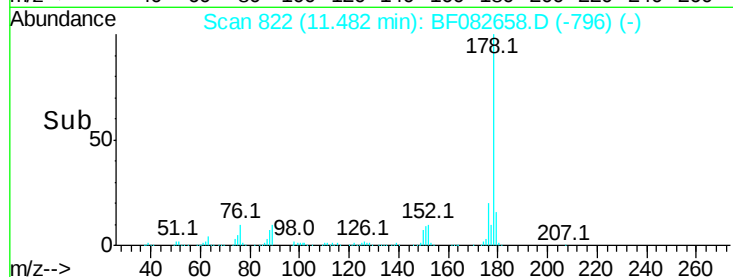
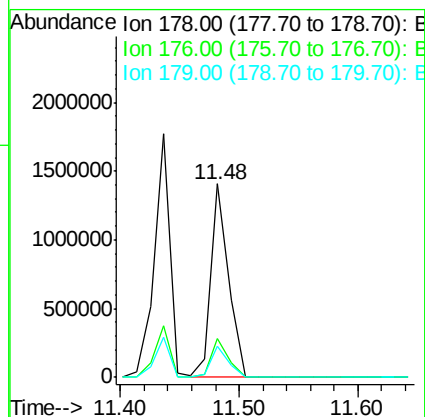
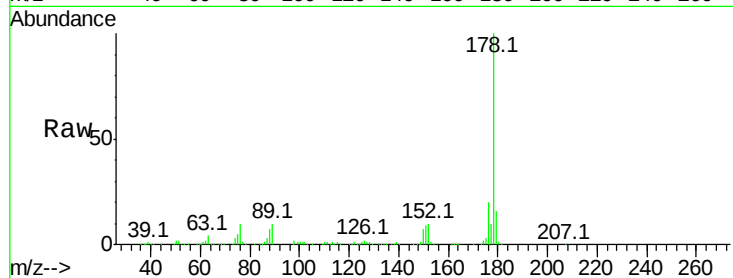
#71
 Anthracene
 Concen: 37.85 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion:178 Resp: 1441573
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 16.2 13.2 19.8

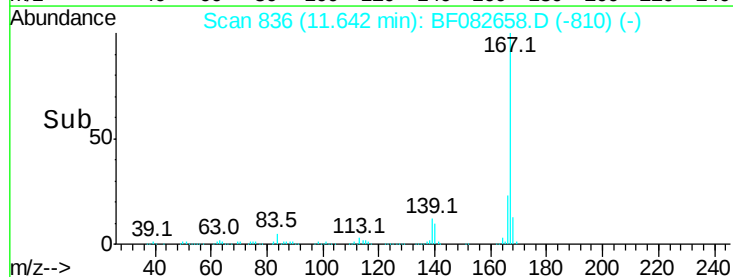
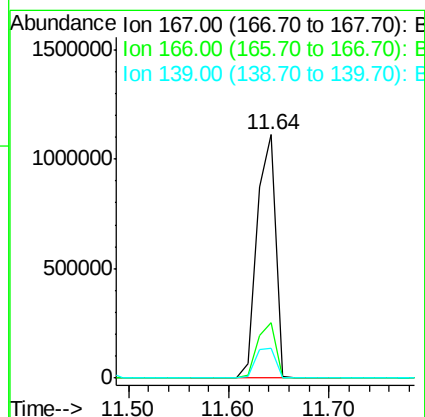
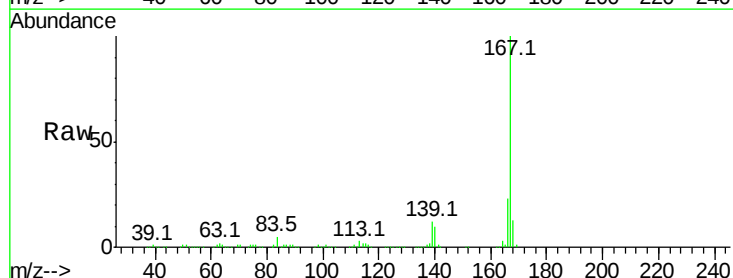
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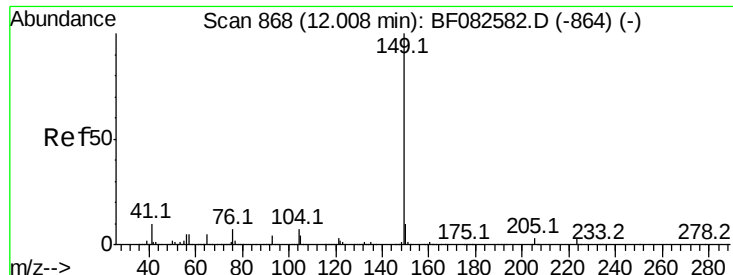
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 11/4/2015 5:26:11 PM



#72
 Carbazole
 Concen: 42.74 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion:167 Resp: 1418149
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 12.4 11.8 17.6





#73

Di-n-butylphthalate

Concen: 44.39 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

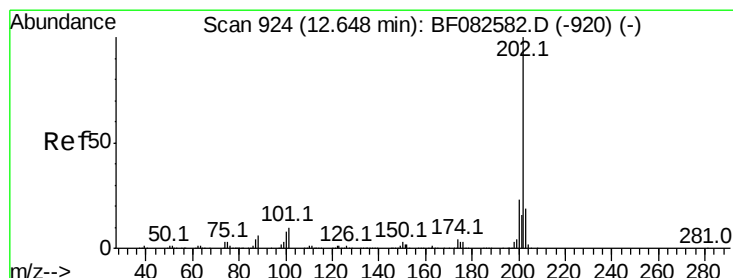
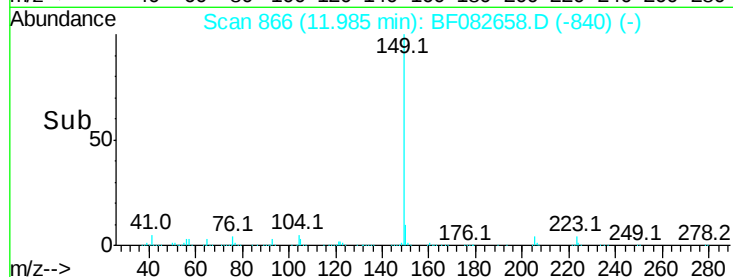
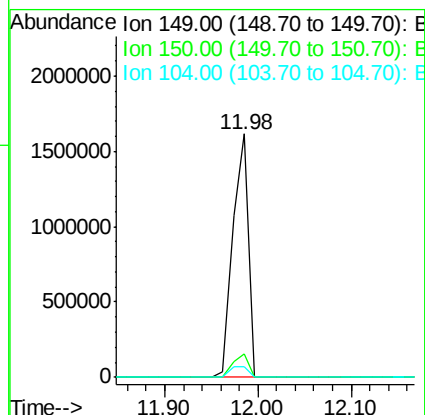
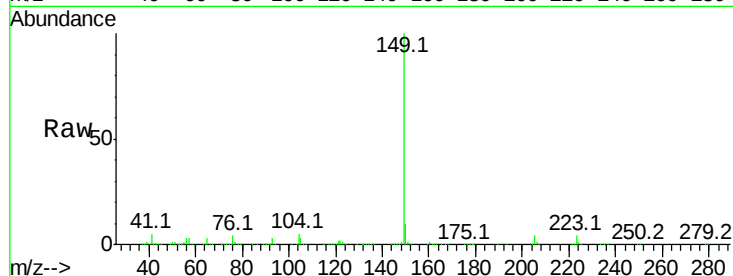
ClientSampleId :

PB86403BS

Manual Integrations
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11/4/2015 5:26:11 PM

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.6	5.2	7.8



#74

Fluoranthene

Concen: 44.02 ng

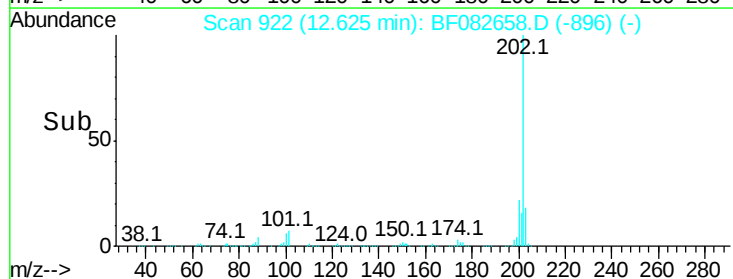
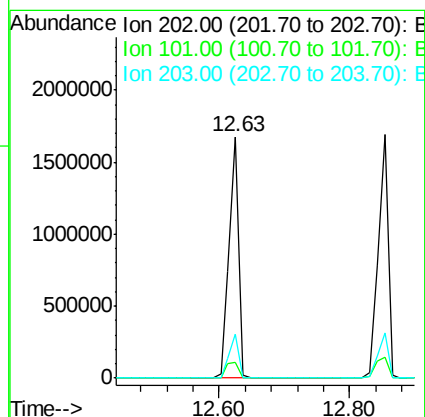
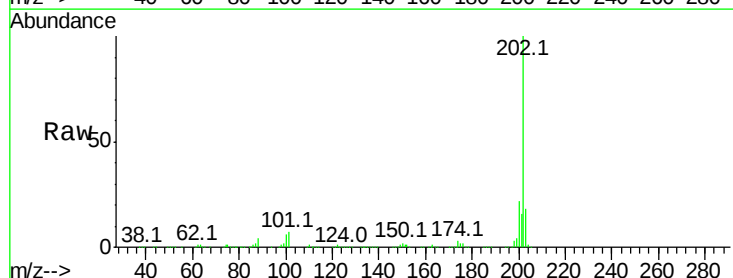
RT: 12.63 min Scan# 922

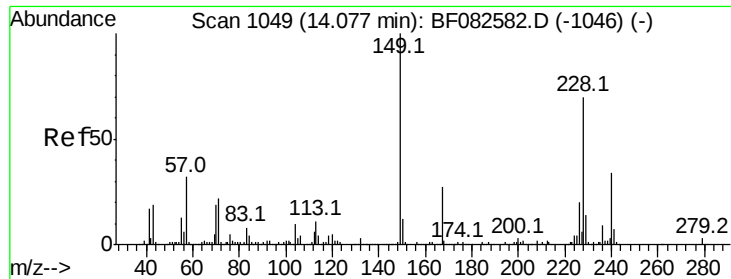
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	30.5
203	18.3	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

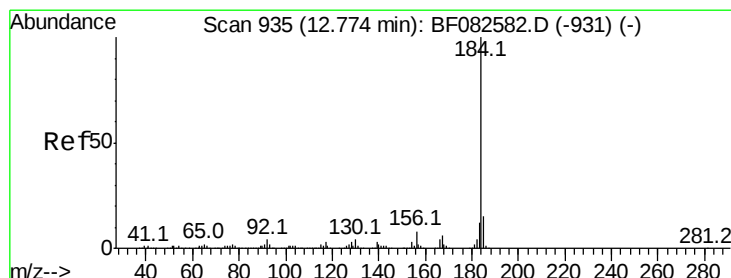
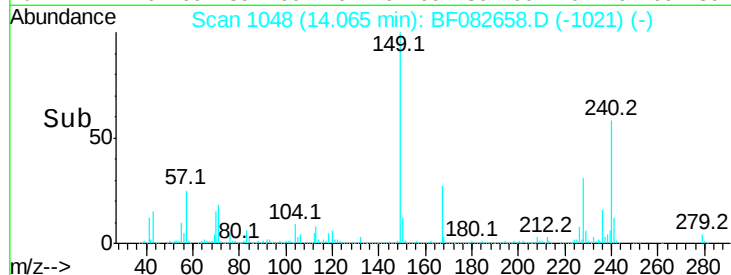
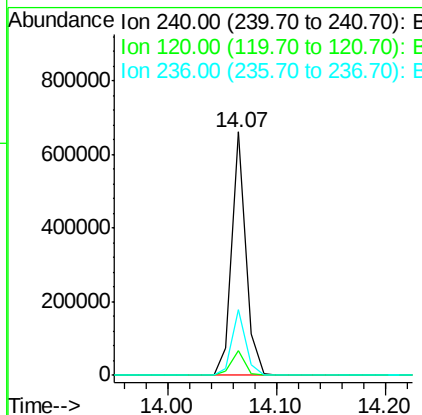
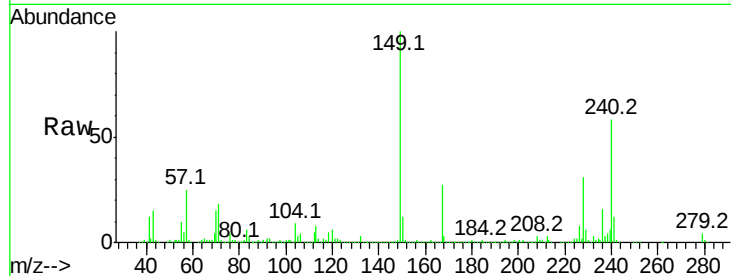
ClientSampleId :

PB86403BS

Tot Ion:	240	Resp:	588450
Ion Ratio	Lower	Upper	
240	100		
120	9.9	10.9	16.3#
236	27.0	21.6	32.4

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#76

Benzidine

Concen: 18.93 ng

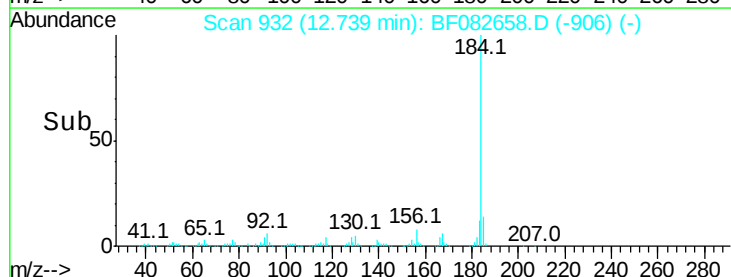
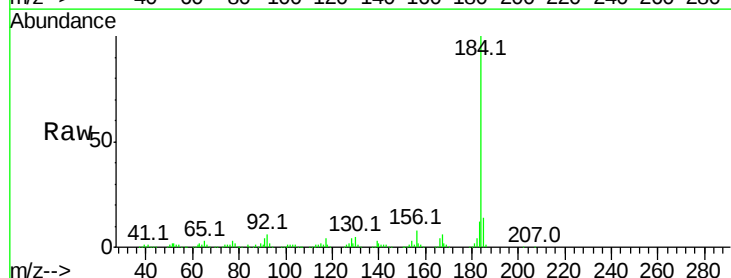
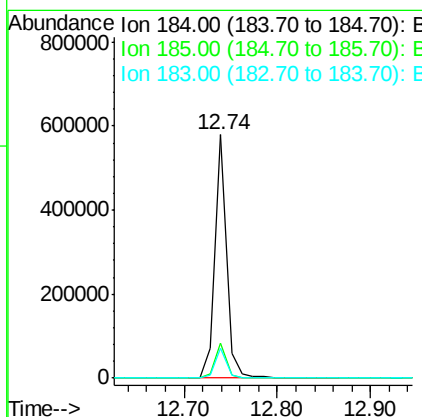
RT: 12.74 min Scan# 932

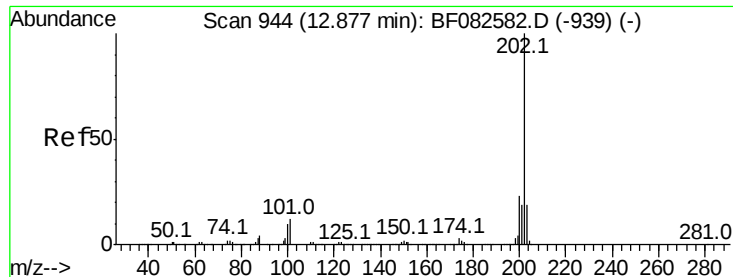
Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion:	184	Resp:	502300
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.0	18.0
183	12.1	9.6	14.4





#77

Pvrene

Concen: 40.12 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB86403BS

Tot Ion:202 Resp: 1748370

Ion Ratio Lower Upper

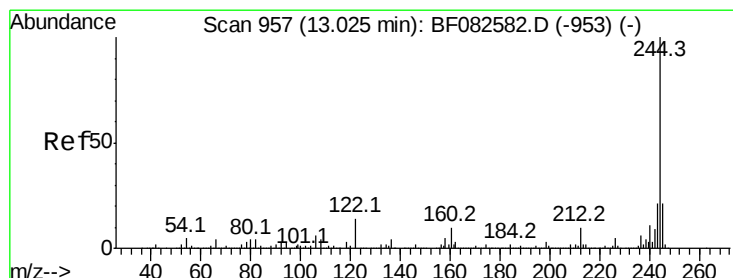
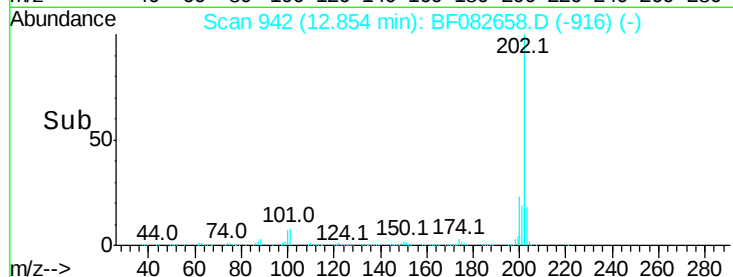
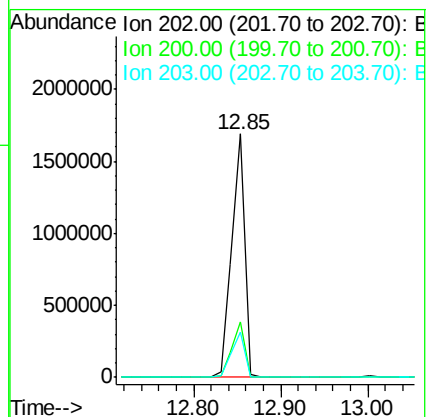
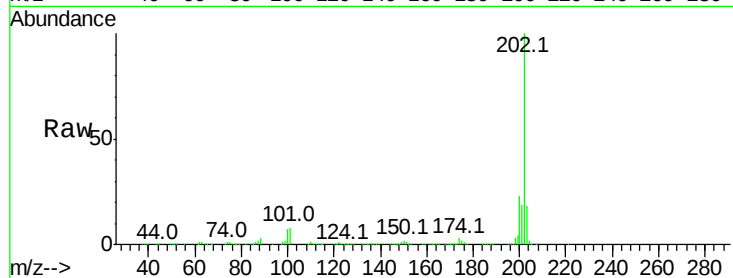
202 100

200 23.0 18.7 28.1

203 18.4 14.8 22.2

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#78

Terphenyl-d14

Concen: 81.40 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

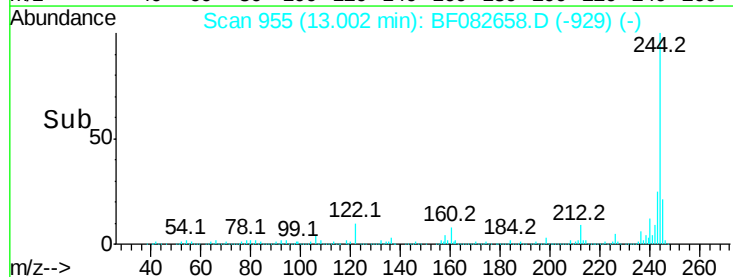
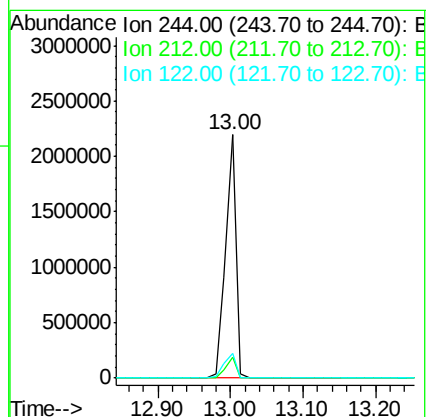
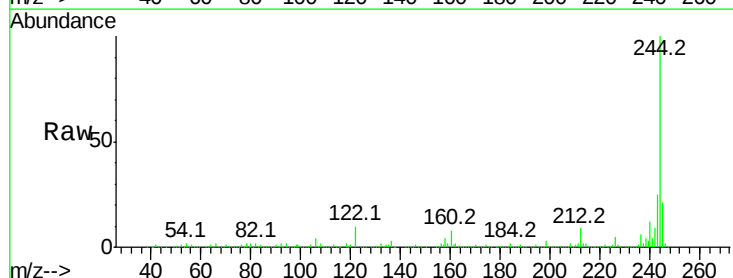
Tgt Ion:244 Resp: 2188681

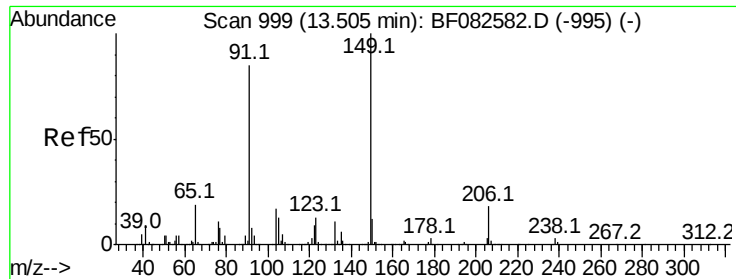
Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

122 10.3 11.3 16.9#





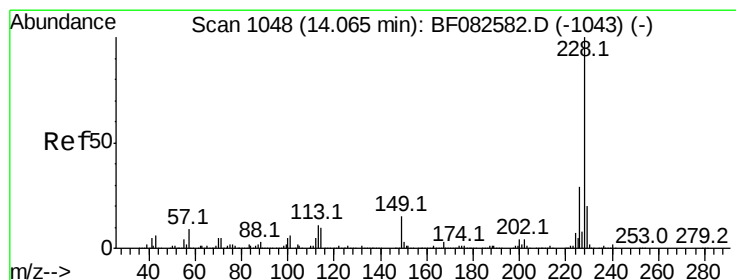
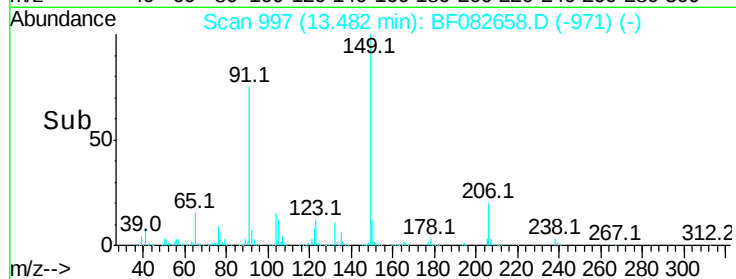
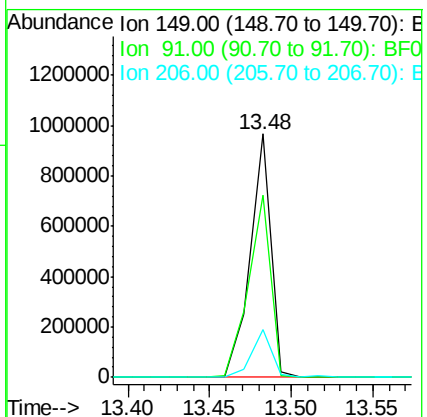
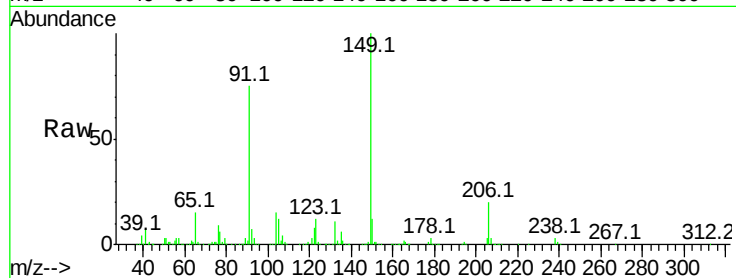
#79
Butylbenzylphthalate
Concen: 44.91 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	857122		
91	75.1	67.7	101.5	
206	19.5	14.6	22.0	

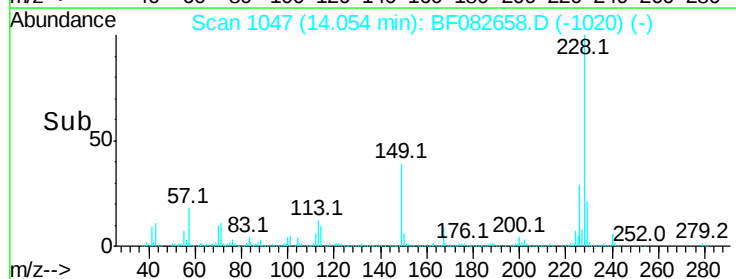
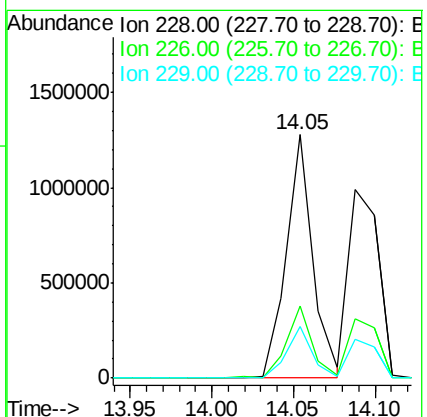
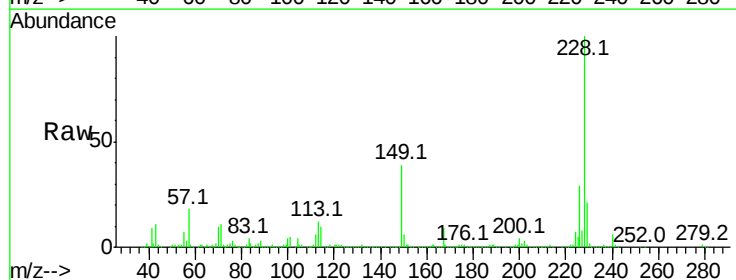
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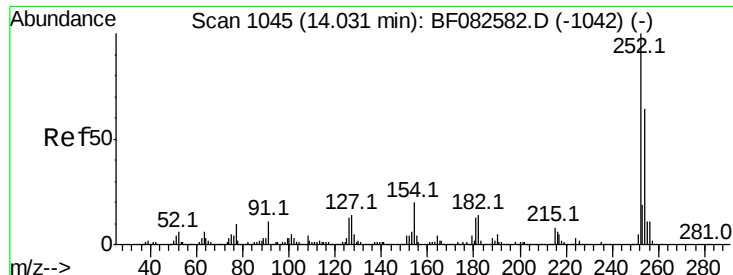
Mmdadoda
11/4/2015 5:26:11 PM



#80
Benzo(a)anthracene
Concen: 38.90 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1454218		
226	29.4	23.4	35.2	
229	21.1	16.3	24.5	





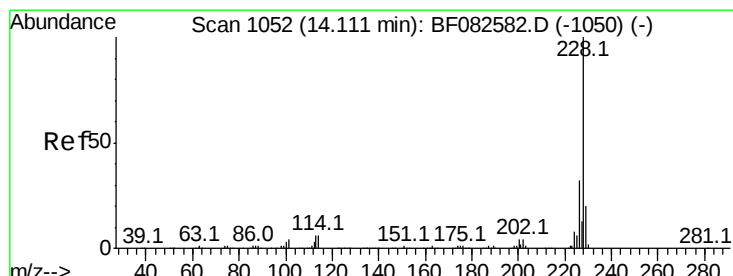
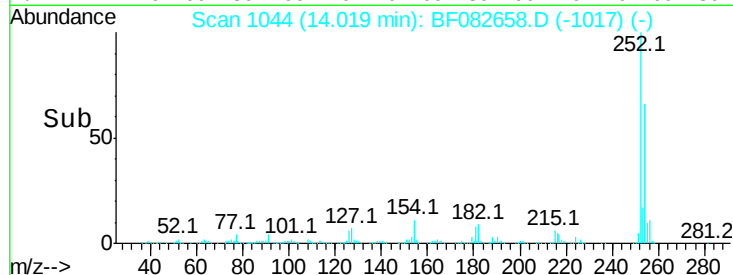
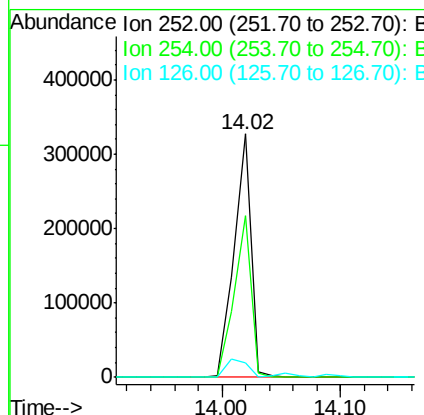
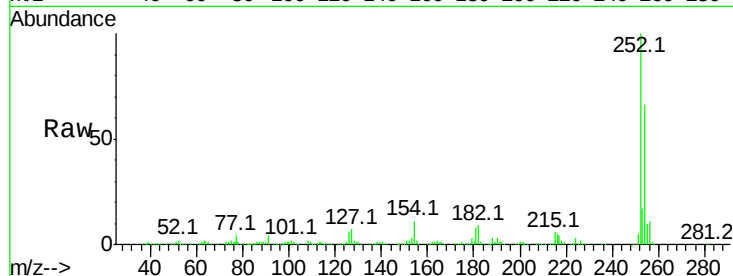
#81
 3,3'-Dichlorobenzidine
 Concen: 25.27 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.3	51.4	77.0
126	6.1	10.7	16.1#

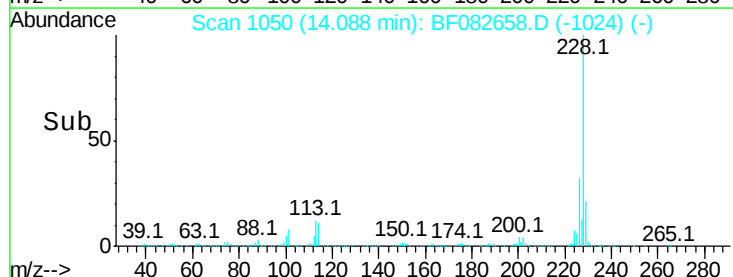
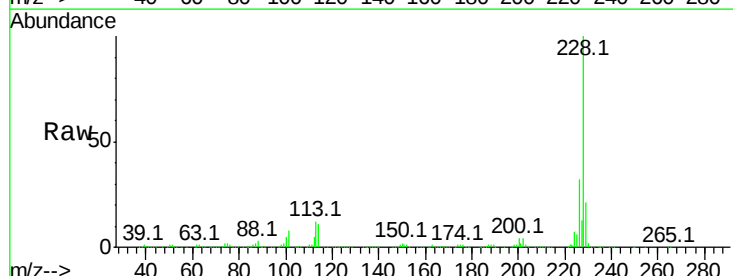
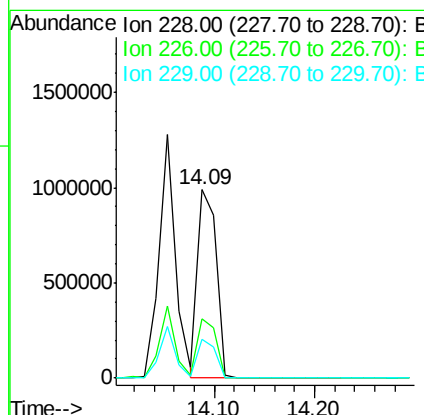
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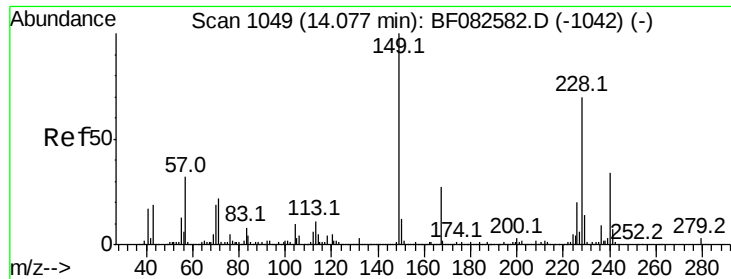
Mmdadoda
 11/4/2015 5:26:11 PM



#82
 Chrysene
 Concen: 37.87 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.6	16.3	24.5





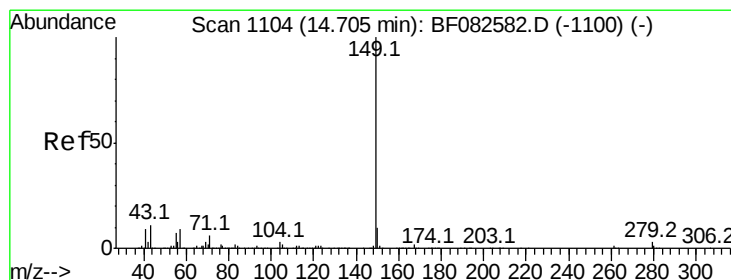
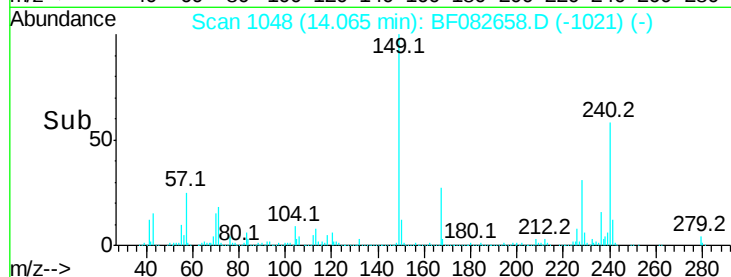
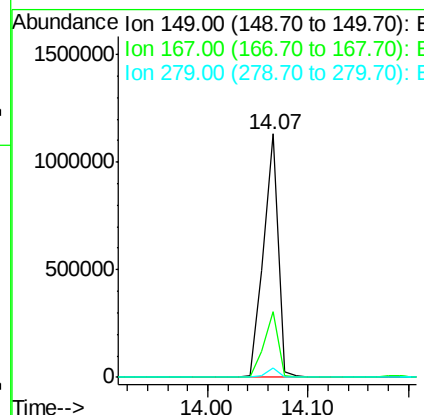
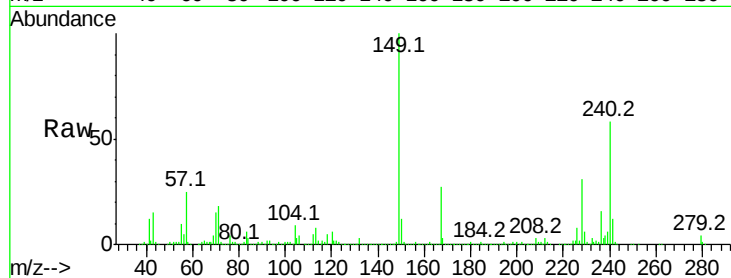
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.36 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.2	31.8
279	3.9	2.2	3.2

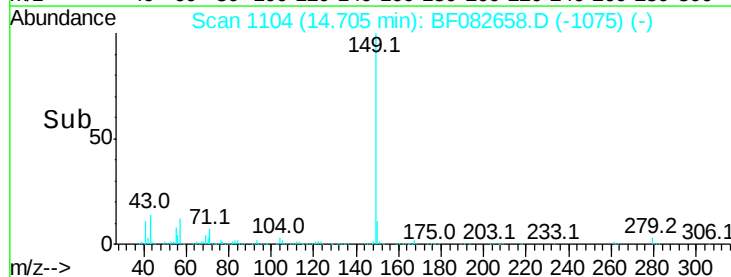
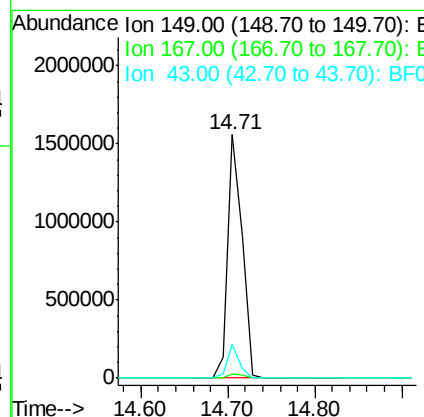
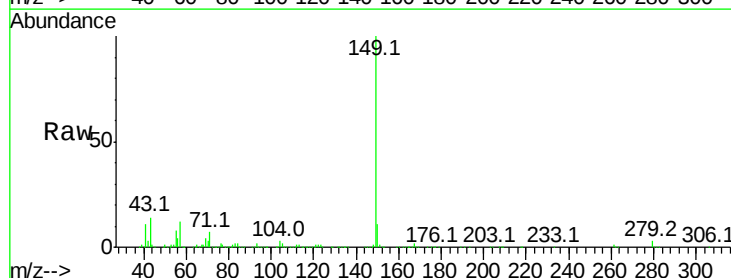
Manual Integrations
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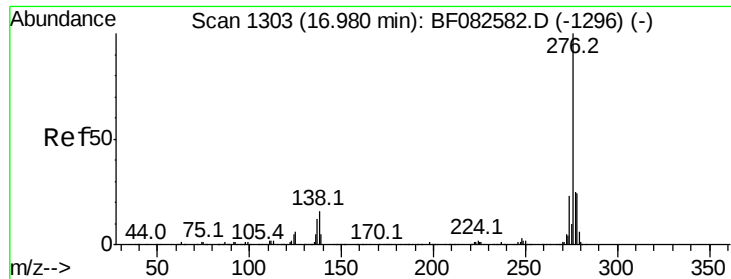
Mmdadoda
 11/4/2015 5:26:11 PM



#84
 Di-n-octyl phthalate
 Concen: 46.80 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. 0.03 min
 Lab File: BF082658.D
 Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	10.1	15.1





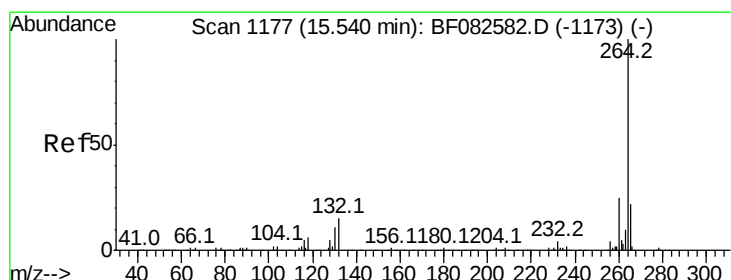
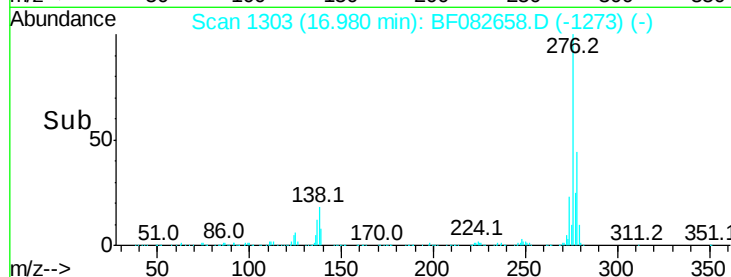
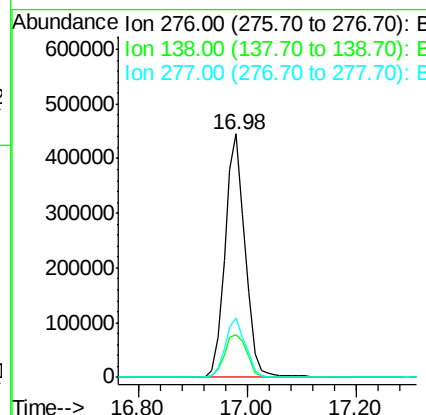
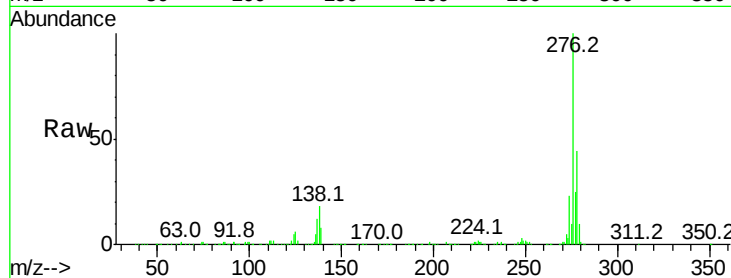
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.88 ng
RT: 16.98 min Scan# 1303
Delta R.T. 0.05 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.3	22.9
277	24.8	20.2	30.4

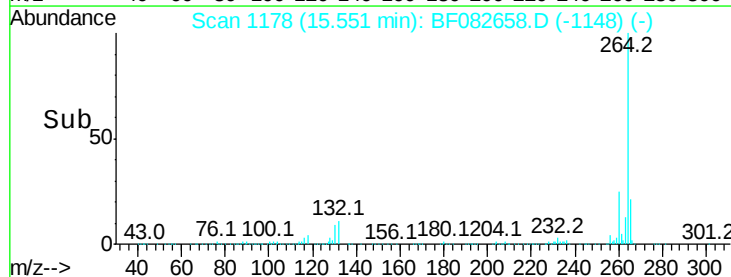
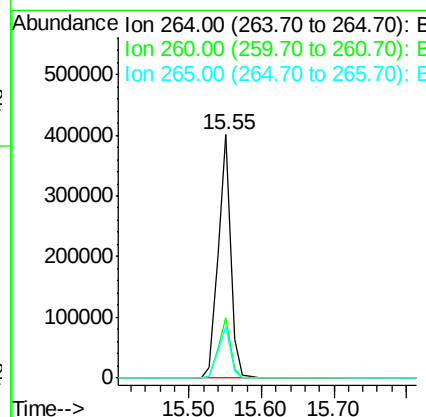
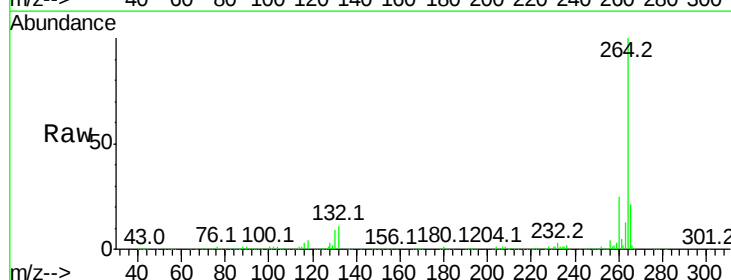
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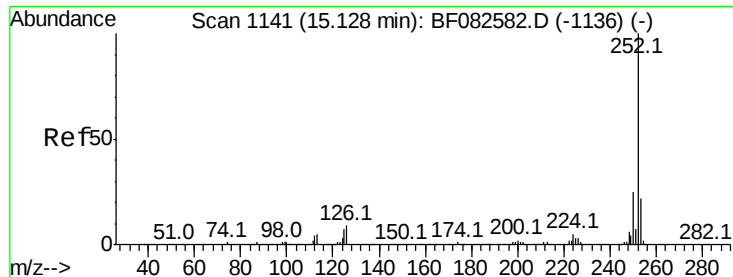
Mmdadoda
11/4/2015 5:26:11 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 40.81 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.03 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Instrument :

BNA_F

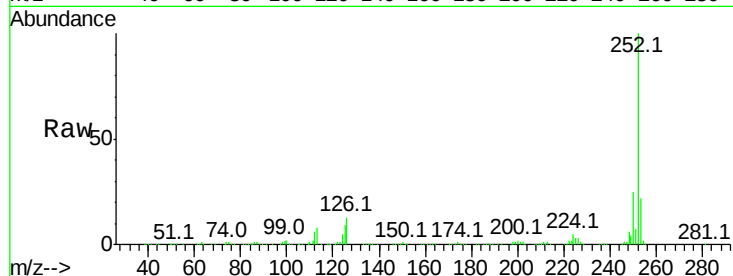
ClientSampleId :

PB86403BS

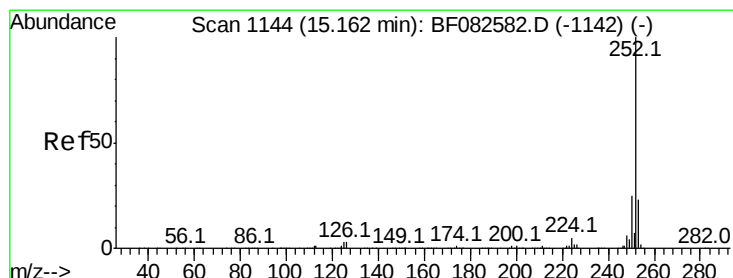
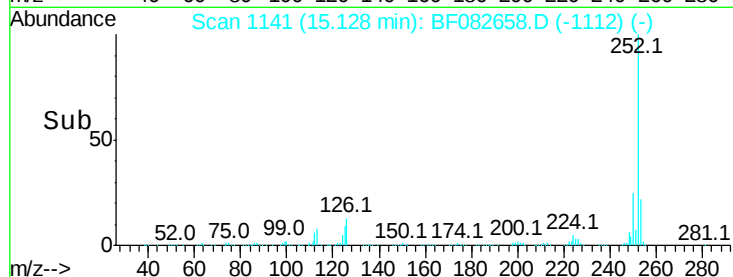
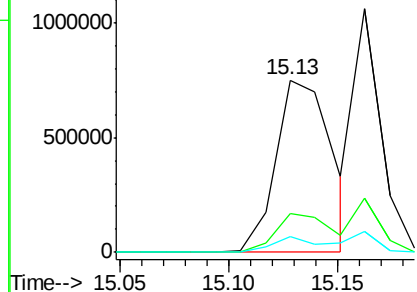
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.1	5.4	8.2#

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11/4/2015 5:26:11 PM



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



#88

Benzo(k)fluoranthene

Concen: 36.78 ng m

RT: 15.16 min Scan# 1144

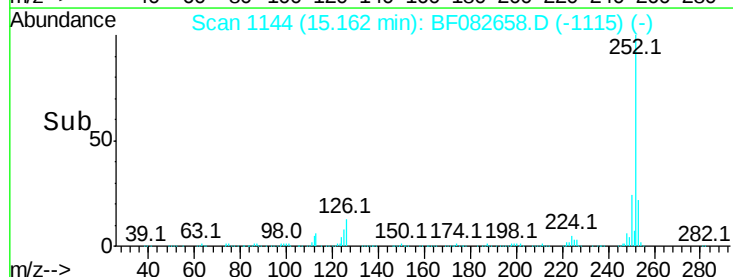
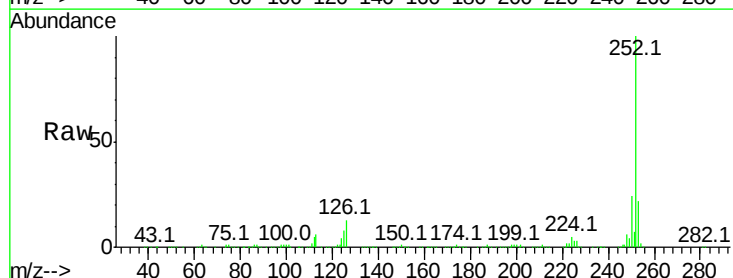
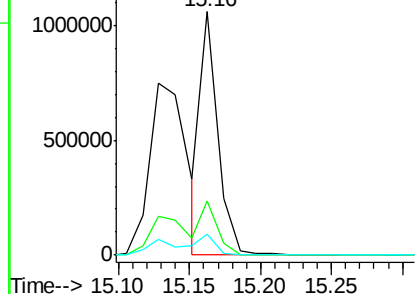
Delta R.T. 0.03 min

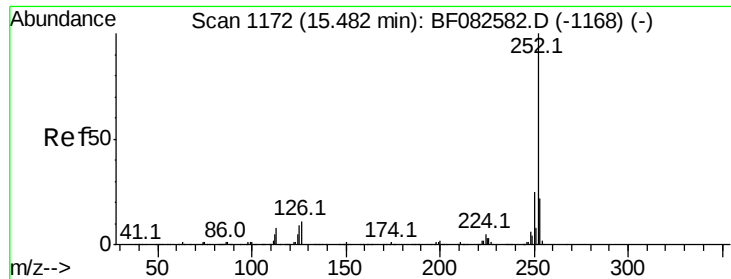
Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.3	3.5	5.3#

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





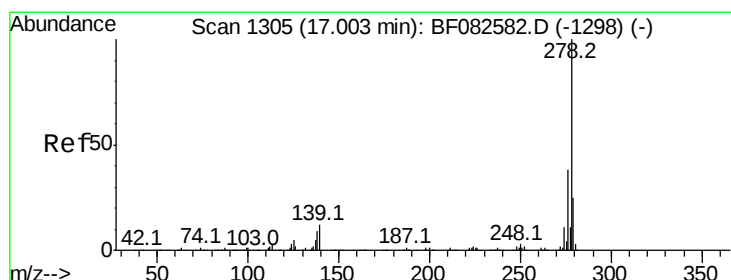
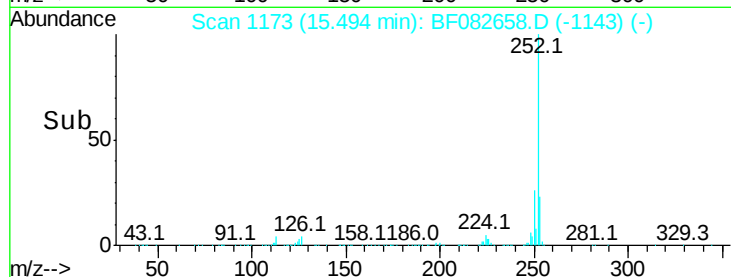
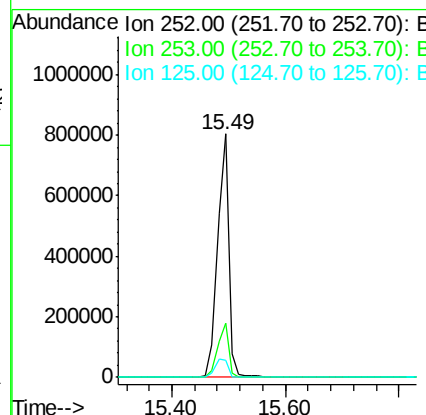
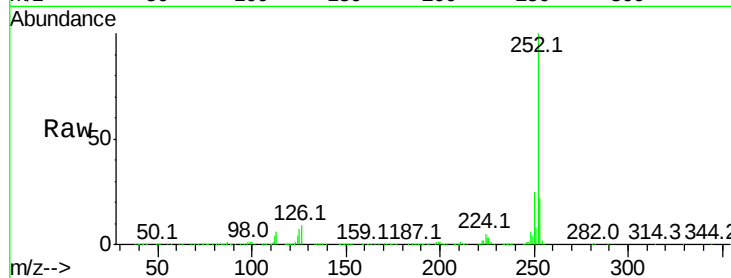
#89
Benzo(a)pyrene
Concen: 41.39 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.05 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB86403BS

Tot Ion:252 Resp: 1075277
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 7.0 7.1 10.7#

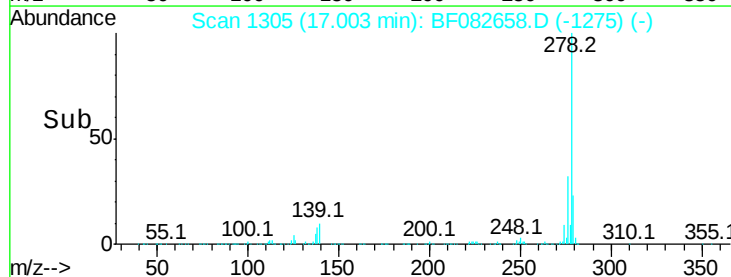
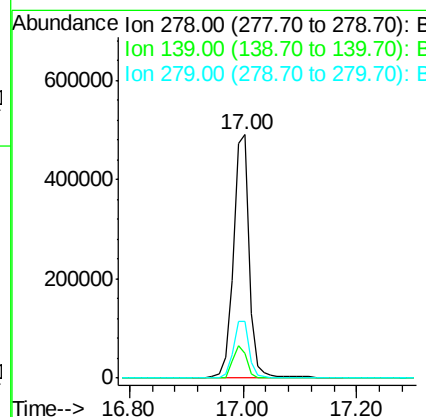
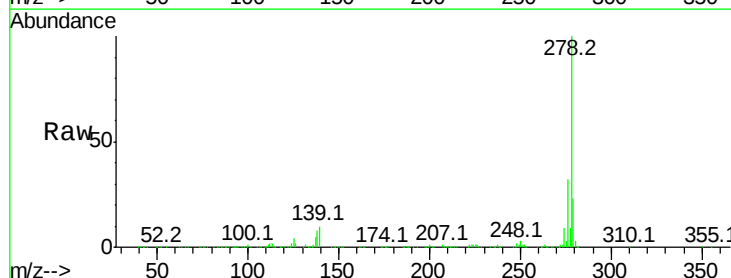
Manual Integrations
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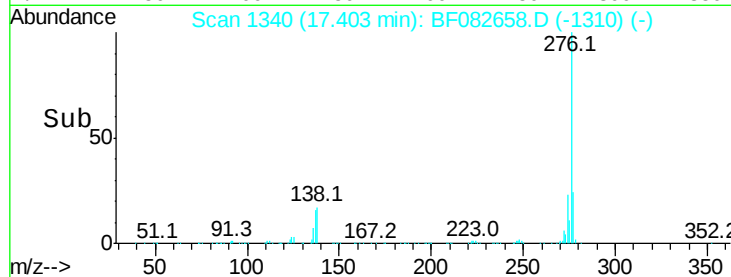
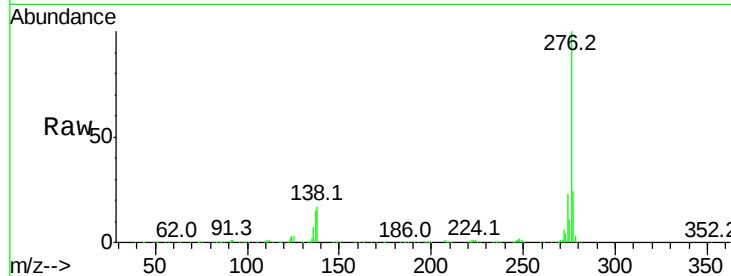
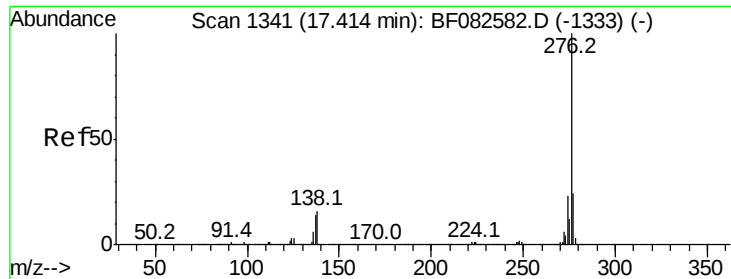
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#90
Dibenzo(a,h)anthracene
Concen: 39.78 ng
RT: 17.00 min Scan# 1305
Delta R.T. 0.05 min
Lab File: BF082658.D
Acq: 3 Nov 2015 13:59

Tgt Ion:278 Resp: 964411
Ion Ratio Lower Upper
278 100
139 10.1 9.9 14.9
279 23.2 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 39.65 ng

RT: 17.40 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF082658.D

Acq: 3 Nov 2015 13:59

Tot Ion:	276	Resp:	931609
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.2	28.8
138	17.5	13.1	19.7

Instrument :

BNA_F

ClientSampleId :

PB86403BS

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