

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083362.D
 Acq On : 1 Dec 2015 5:15
 Operator : UM/IZ
 Sample : PB86923BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:12 PM

Quant Time: Dec 01 06:59:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170004	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	671891	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	353443	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	694375	20.00	ng	0.00
75) Chrysene-d12	14.76	240	609096	20.00	ng	0.00
86) Perylene-d12	16.82	264	445791	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1263403	111.52	ng	0.01
7) Phenol-d6	6.22	99	1717823	110.78	ng	0.00
23) Nitrobenzene-d5	7.13	82	1119189	73.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	382215	107.73	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1742456	70.25	ng	0.00
78) Terphenyl-d14	13.22	244	1862893	72.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	169441	27.62	ng	# 83
3) Pyridine	2.65	79	455467	29.68	ng	98
4) n-Nitrosodimethylamine	2.60	42	274543	36.35	ng	98
6) Aniline	6.21	93	384471	18.12	ng	# 87
8) 2-Chlorophenol	6.34	128	457366	36.60	ng	97
9) Benzaldehyde	6.09	77	239629	30.38	ng	98
10) Phenol	6.24	94	700859	37.56	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	481810	35.50	ng	98
12) 1,3-Dichlorobenzene	6.49	146	486500	35.02	ng	99
13) 1,4-Dichlorobenzene	6.57	146	510232	35.54	ng	99
14) 1,2-Dichlorobenzene	6.72	146	439520m	33.37	ng	
15) Benzyl Alcohol	6.72	79	448280	37.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	875092	36.74	ng	# 42
17) 2-Methylphenol	6.84	107	391880	37.62	ng	98
18) Hexachloroethane	7.06	117	174225	34.94	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	365612	32.98	ng	# 88
20) 3+4-Methylphenols	7.00	107	526907	37.35	ng	99
22) Acetophenone	6.97	105	669573	33.31	ng	# 92
24) Nitrobenzene	7.14	77	525298	32.18	ng	# 86
25) Isophorone	7.39	82	995428	33.62	ng	98
26) 2-Nitrophenol	7.46	139	227140	34.09	ng	92
27) 2,4-Dimethylphenol	7.53	122	403987	36.17	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	620157	36.78	ng	99
29) 2,4-Dichlorophenol	7.71	162	400633	37.30	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	390960	33.44	ng	# 97
31) Naphthalene	7.86	128	1273426	34.93	ng	99
32) Benzoic acid	7.68	122	250148	32.47	ng	98
33) 4-Chloroaniline	7.93	127	170515	10.85	ng	99
34) Hexachlorobutadiene	7.98	225	232565	35.03	ng	97
35) Caprolactam	8.30	113	134114m	39.51	ng	
36) 4-Chloro-3-methylphenol	8.43	107	463740	38.49	ng	90
37) 2-Methylnaphthalene	8.54	142	826953	33.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	356264	31.80	ng	96
40) Hexachlorocyclopentadiene	8.70	237	369666	69.46	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	275814	35.10	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	307608	37.78	nq	97
45) 1,1'-Biphenyl	9.01	154	987074	31.85	nq	95
46) 2-Chloronaphthalene	9.04	162	824411	34.91	nq	98
47) 2-Nitroaniline	9.15	65	314157	33.59	nq	92
48) Acenaphthylene	9.45	152	1272846	33.79	nq	99
49) Dimethylphthalate	9.33	163	971935	33.84	nq	99
50) 2,6-Dinitrotoluene	9.39	165	224224	36.55	nq	95
51) Acenaphthene	9.62	154	764441	34.50	nq	99
52) 3-Nitroaniline	9.56	138	108851	15.14	nq	87
53) 2,4-Dinitrophenol	9.66	184	226487	62.25	nq	95
54) Dibenzofuran	9.79	168	1109556	34.17	nq	99
55) 4-Nitrophenol	9.76	139	343649	76.42	nq	# 73
56) 2,4-Dinitrotoluene	9.79	165	271417	34.87	nq	95
57) Fluorene	10.13	166	911527	35.55	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	234336	35.67	nq	96
59) Diethylphthalate	10.03	149	948355	34.64	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	436717	37.07	nq	99
61) 4-Nitroaniline	10.18	138	230895	32.10	nq	96
62) Azobenzene	10.29	77	1256001	37.98	nq	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	171266	36.73	nq	96
65) n-Nitrosodiphenylamine	10.26	169	855834	35.07	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	274614	36.15	nq	96
67) Hexachlorobenzene	10.70	284	288066	34.30	nq	97
68) Atrazine	10.82	200	279407	41.40	nq	98
69) Pentachlorophenol	10.92	266	316484	71.94	nq	97
70) Phenanthrene	11.16	178	1428723	34.77	nq	100
71) Anthracene	11.22	178	1494003	36.11	nq	100
72) Carbazole	11.41	167	1301941	35.03	nq	99
73) Di-n-butylphthalate	11.86	149	1616113	36.69	nq	100
74) Fluoranthene	12.66	202	1475867	34.65	nq	98
76) Benzidine	12.87	184	334326	18.43	nq	99
77) Pyrene	12.97	202	1530310	35.98	nq	98
79) Butylbenzylphthalate	13.96	149	674446	37.38	nq	95
80) Benzo(a)anthracene	14.74	228	1339738	35.90	nq	99
81) 3,3'-Dichlorobenzidine	14.73	252	237299	20.36	nq	99
82) Chrysene	14.80	228	1235815	34.28	nq	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	934800	38.62	nq	100
84) Di-n-octyl phthalate	15.85	149	1448843	40.19	nq	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	933225	35.54	nq	100
87) Benzo(b)fluoranthene	16.31	252	1079164	37.73	nq	99
88) Benzo(k)fluoranthene	16.35	252	924756	34.24	nq	98
89) Benzo(a)pyrene	16.75	252	928146	37.78	nq	99
90) Dibenzo(a,h)anthracene	18.23	278	795718	37.17	nq	98
91) Benzo(g,h,i)perylene	18.57	276	772015	36.74	nq	# 94

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

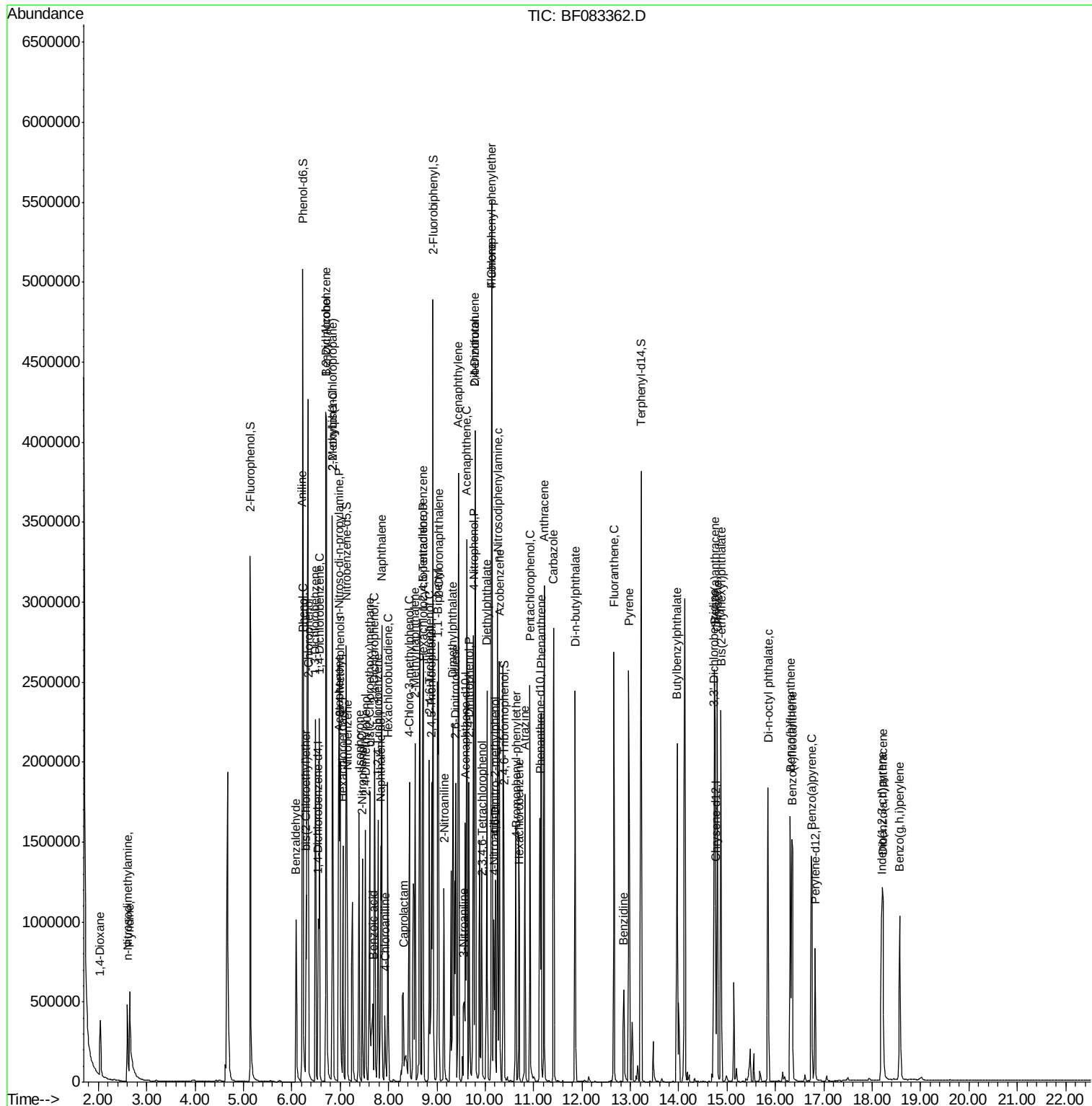
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Operator  : UM/IZ  
Sample    : PB86923BS  
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ALS Vial  : 23    Sample Multiplier: 1
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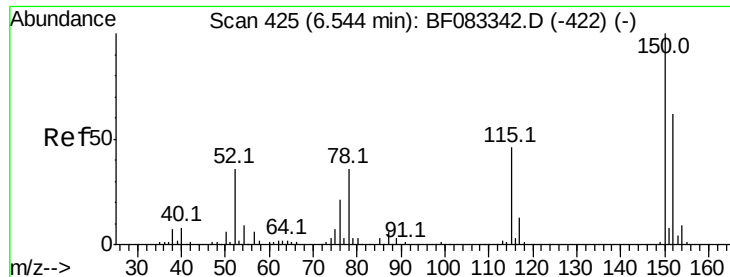
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tot Ion:152 Resp: 170004

Ion Ratio Lower Upper

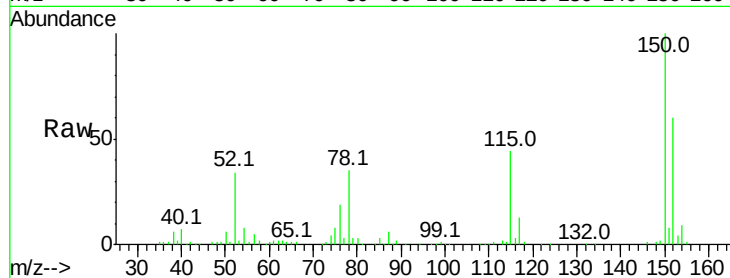
152 100

150 166.4 129.8 194.8

115 72.9 59.2 88.8

Manual Integrations
APPROVED

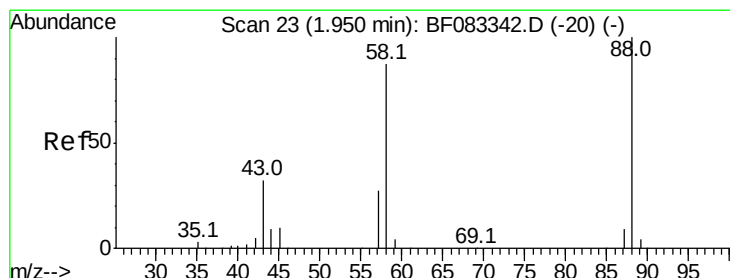
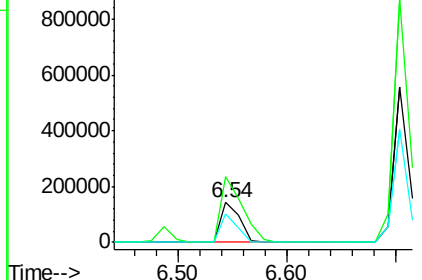
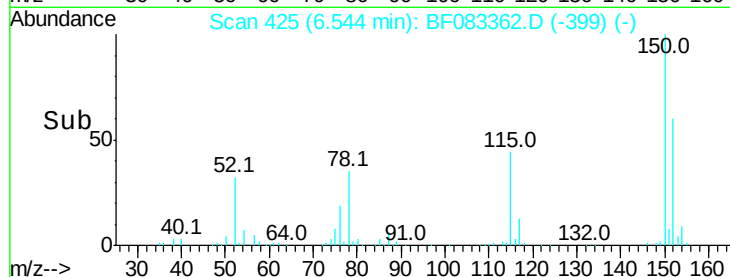
Mmdadoda
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.62 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

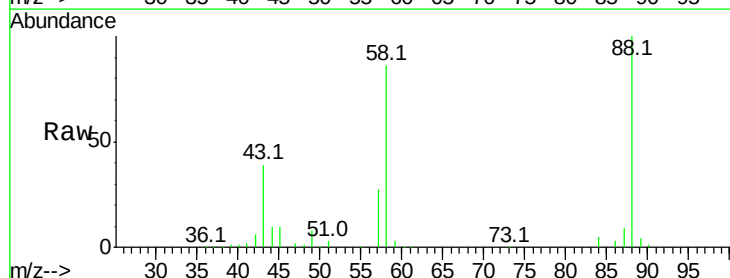
Tgt Ion: 88 Resp: 169441

Ion Ratio Lower Upper

88 100

58 94.1 66.6 100.0

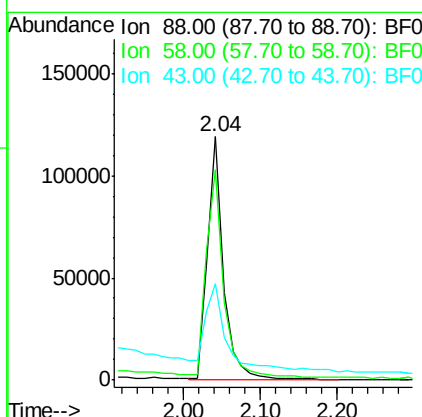
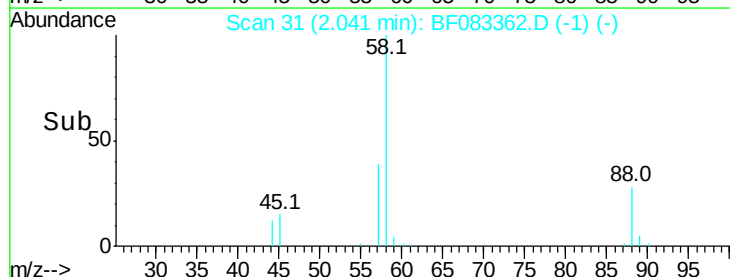
43 50.5 27.1 40.7#

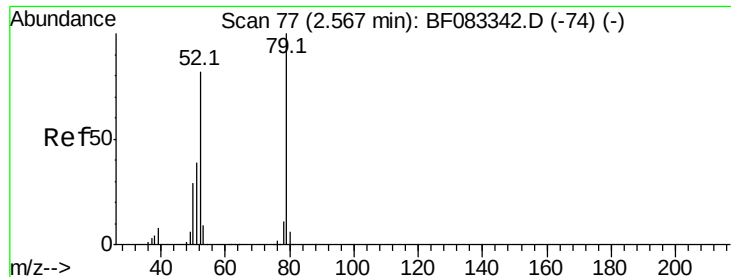


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





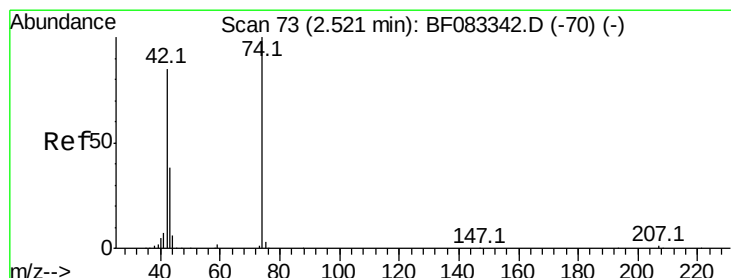
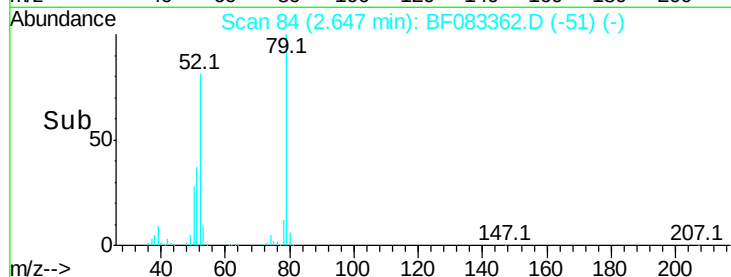
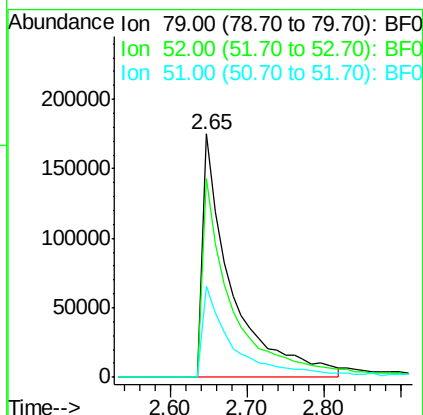
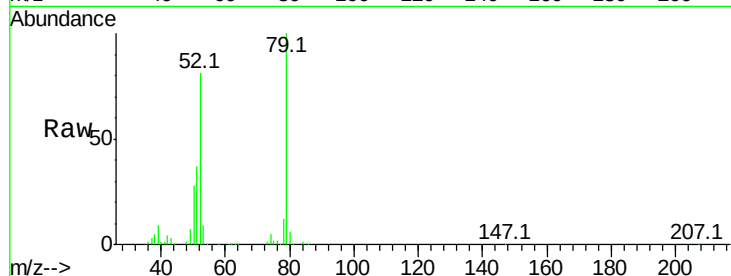
#3
 Pvridine
 Concen: 29.68 ng
 RT: 2.65 min Scan# 84
 Delta R.T. 0.08 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.4	65.9	98.9
51	37.5	32.3	48.5

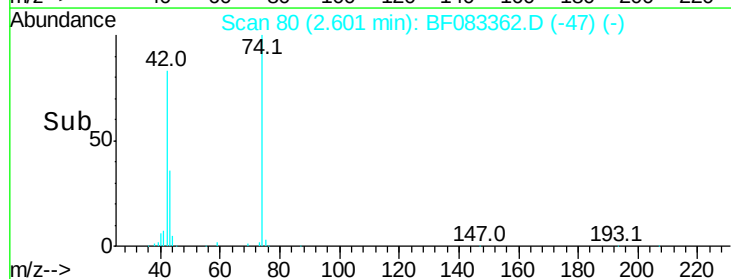
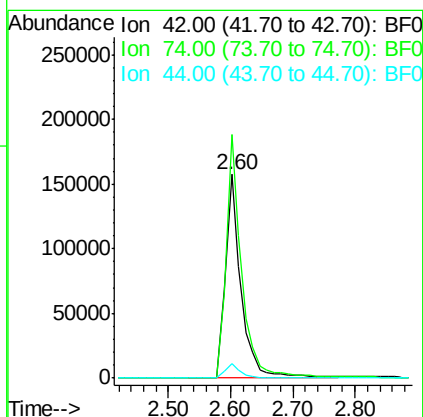
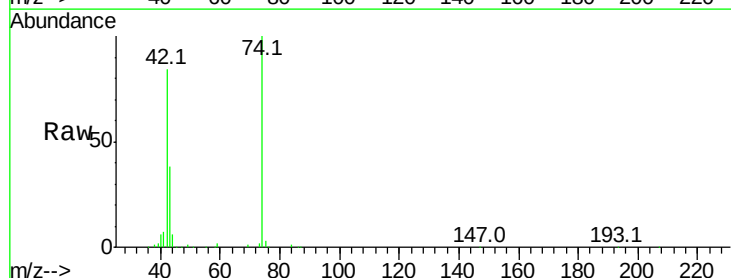
Manual Integrations
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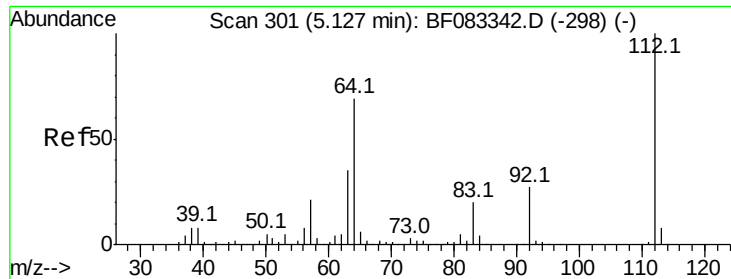
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#4
 n-Nitrosodimethylamine
 Concen: 36.35 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.08 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.5	93.7	140.5
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 111.52 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tot Ion:112 Resp: 1263403

Ion Ratio Lower Upper

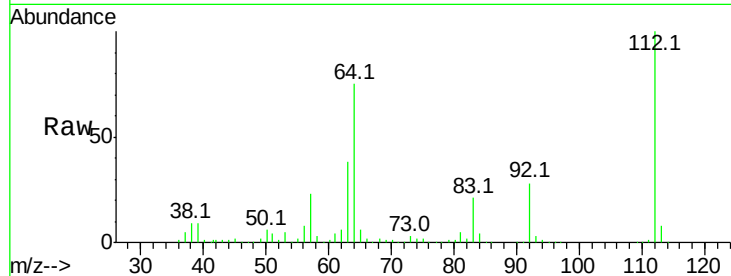
112 100

64 75.2 55.6 83.4

63 38.3 28.2 42.2

Manual Integrations
APPROVED

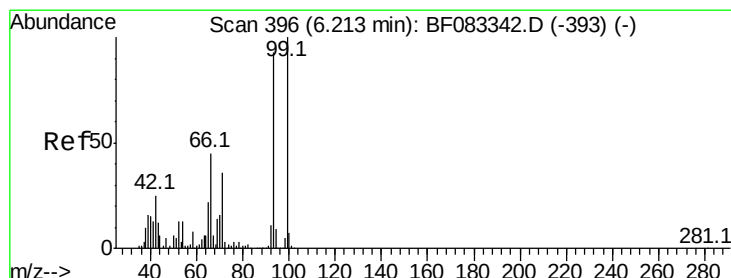
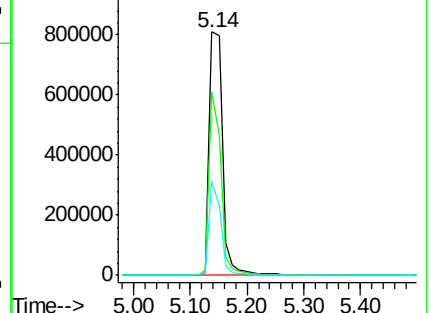
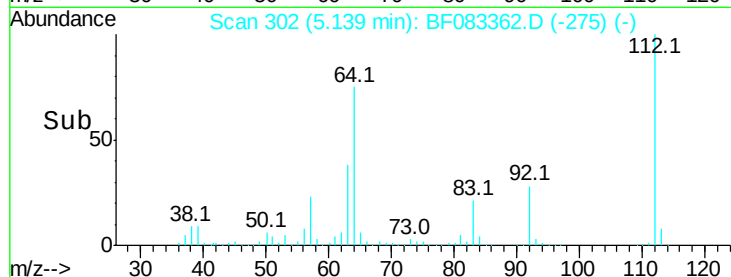
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.12 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

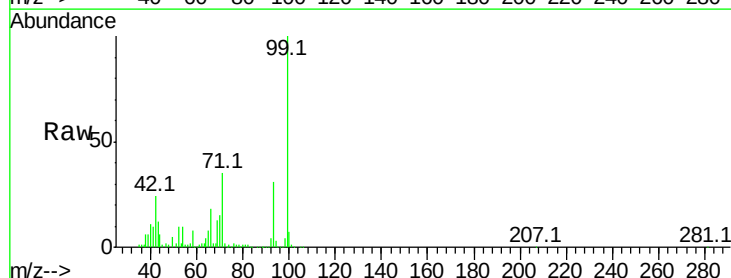
Tgt Ion: 93 Resp: 384471

Ion Ratio Lower Upper

93 100

66 59.8 38.7 58.1#

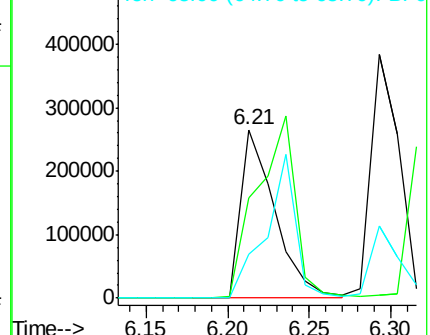
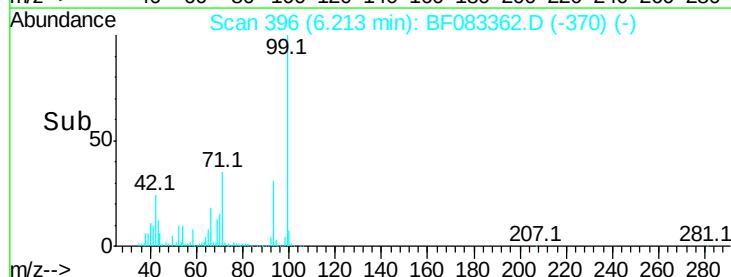
65 25.9 19.0 28.6

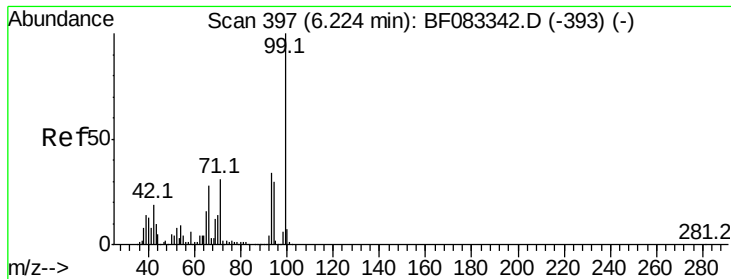


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.78 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tot Ion: 99 Resp: 1717823

Ion Ratio Lower Upper

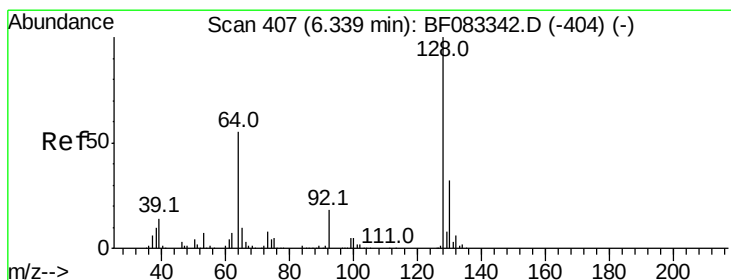
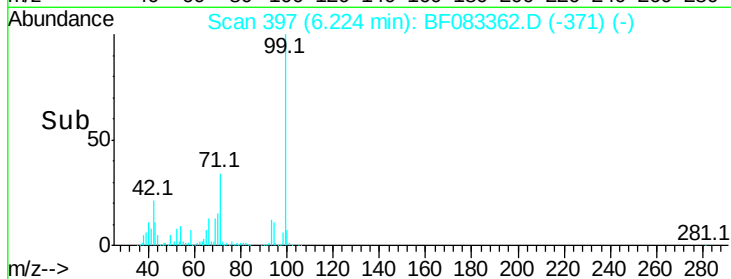
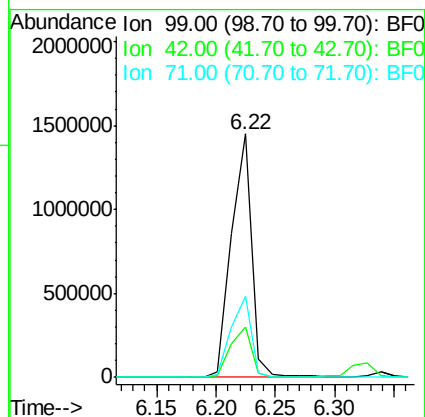
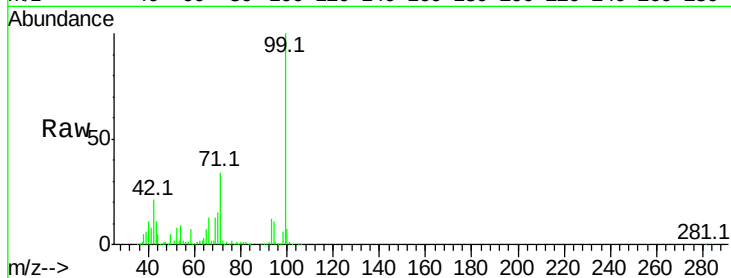
99 100

42 20.8 14.9 22.3

71 33.5 24.7 37.1

Manual Integrations
APPROVED

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12/1/2015 6:35:12 PM



#8

2-Chlorophenol

Concen: 36.60 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

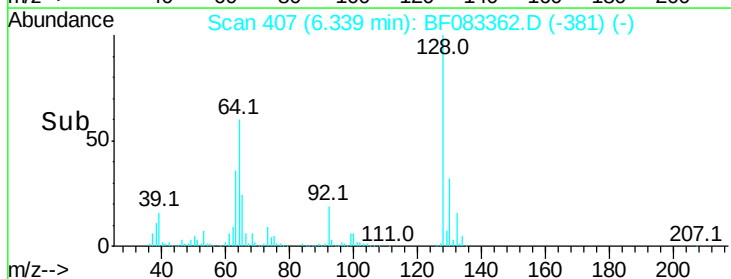
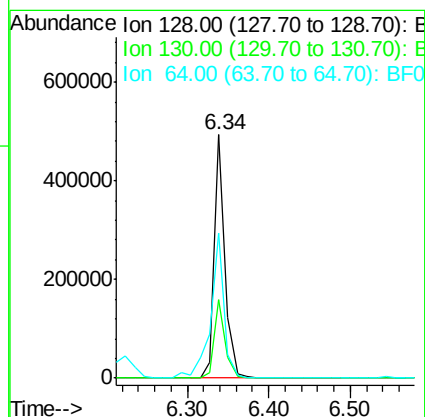
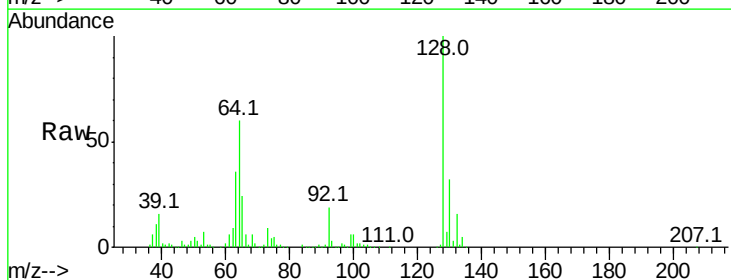
Tgt Ion: 128 Resp: 457366

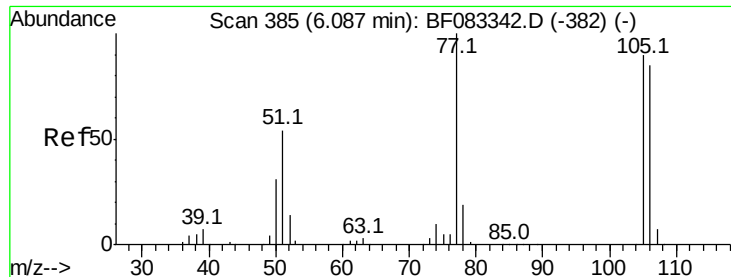
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 59.8 36.4 76.4





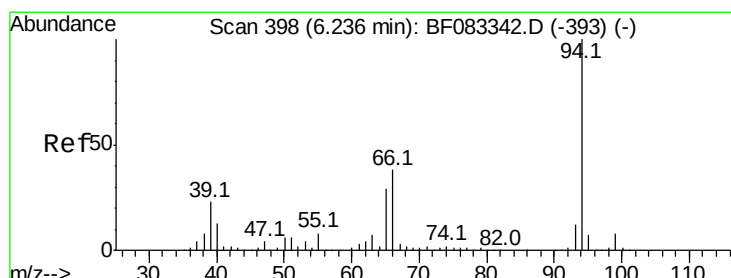
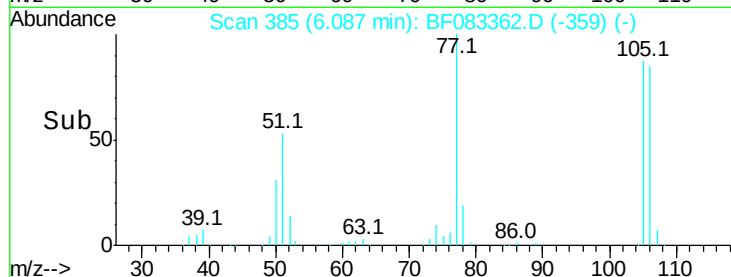
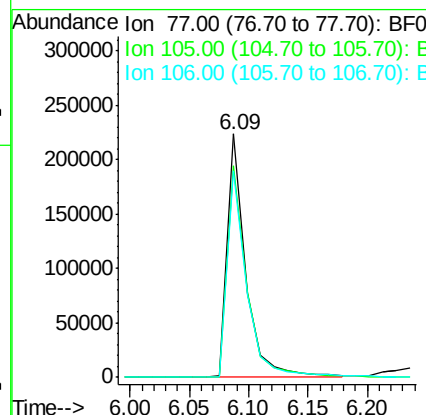
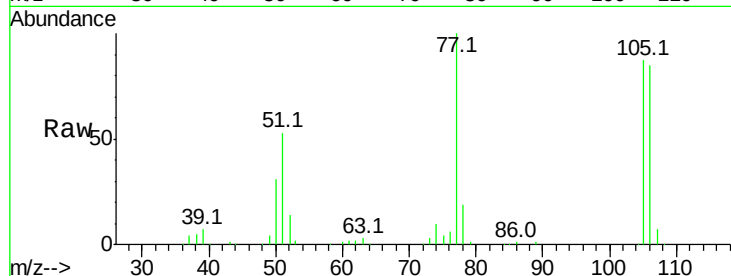
#9
Benzaldehyde
Concen: 30.38 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.0	70.0	110.0
106	84.6	65.0	105.0

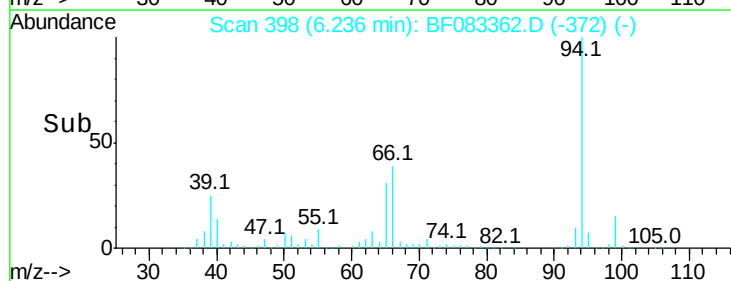
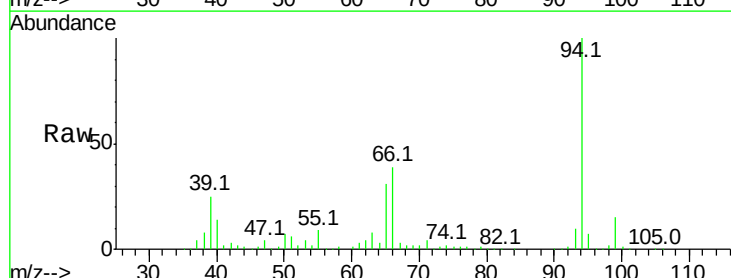
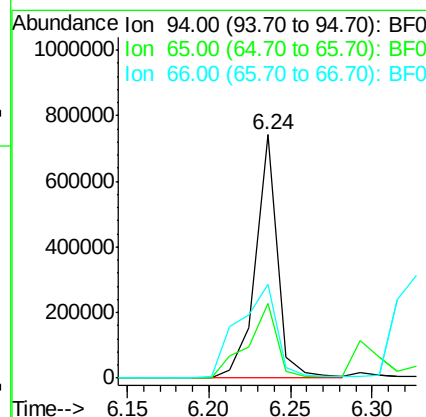
Manual Integrations
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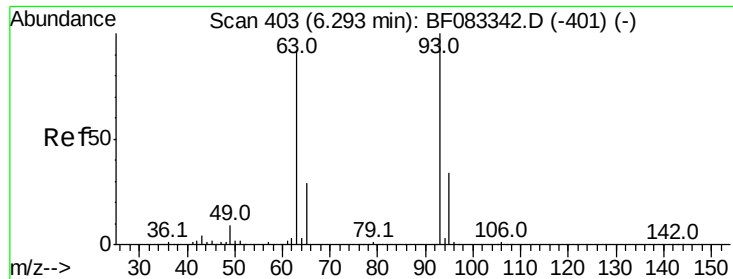
Mmdadoda
12/1/2015 6:35:12 PM



#10
Phenol
Concen: 37.56 ng
RT: 6.24 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.5	49.5
66	38.8	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 35.50 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

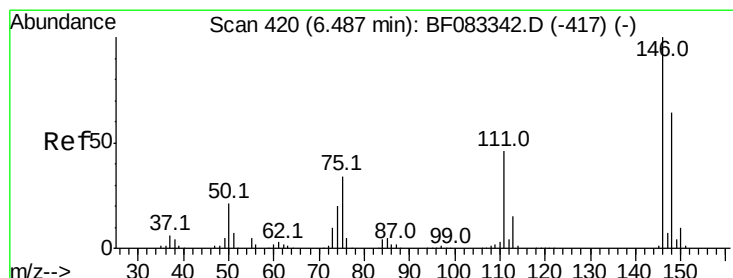
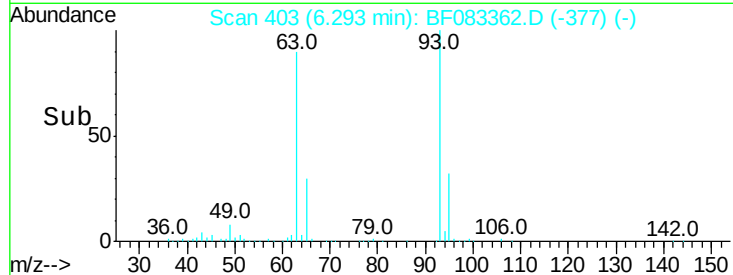
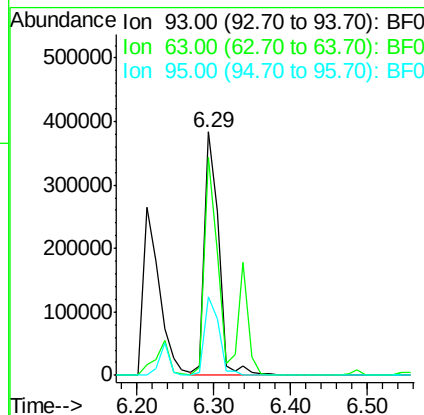
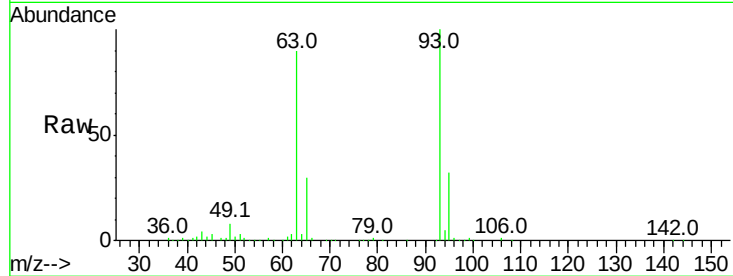
ClientSampled :

PB86923BS

Tot Ion:	93	Resp:	481810
Ion Ratio	Lower	Upper	
93	100		
63	89.7	71.4	111.4
95	32.2	13.4	53.4

Manual Integrations
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Mmdadoda
12/1/2015 6:35:12 PM



#12

1,3-Dichlorobenzene

Concen: 35.02 ng

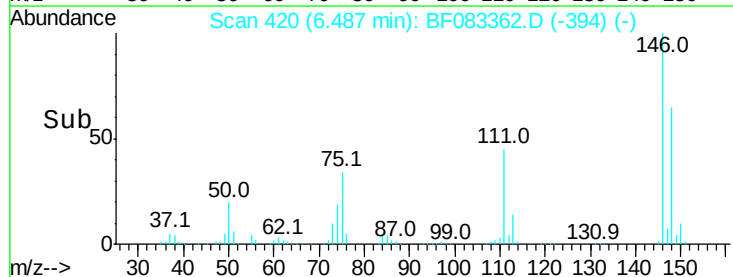
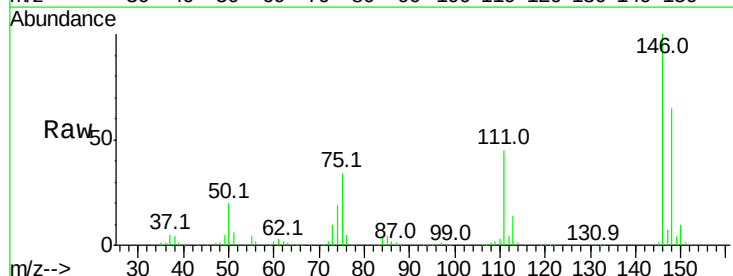
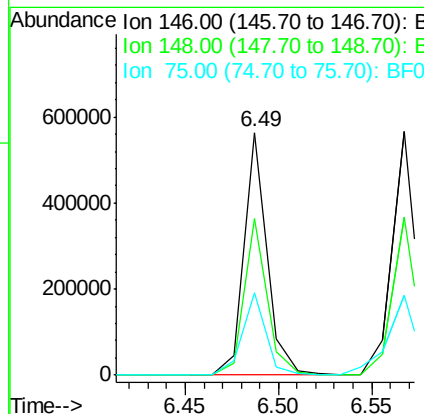
RT: 6.49 min Scan# 420

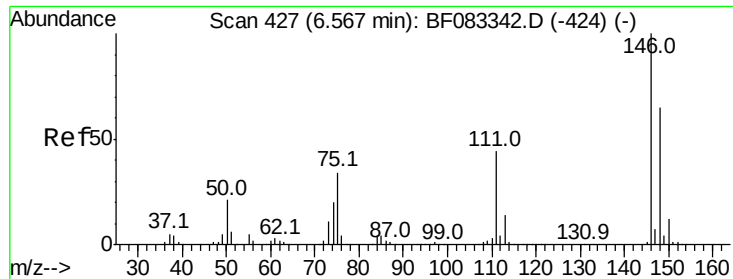
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	146	Resp:	486500
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
75	33.9	27.5	41.3





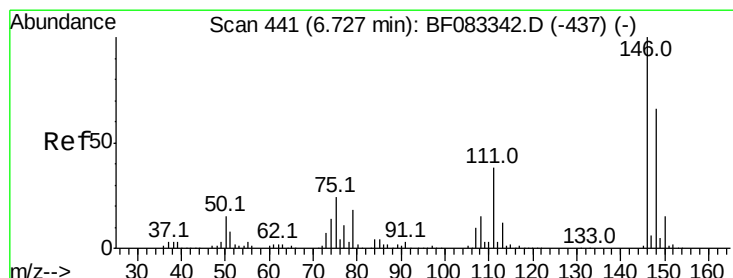
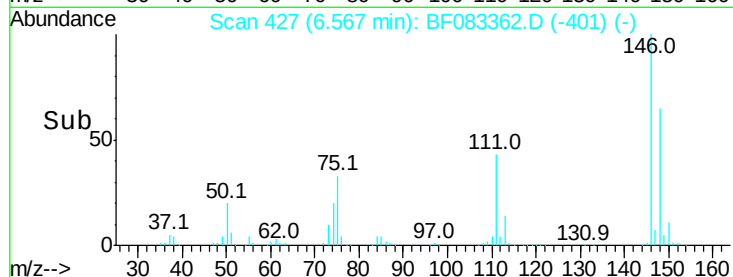
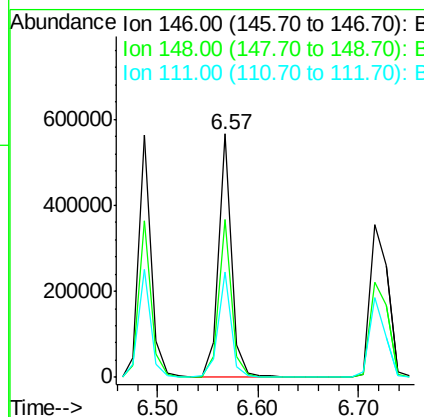
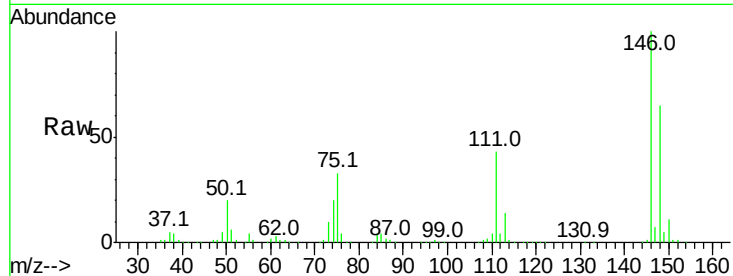
#13
 1,4-Dichlorobenzene
 Concen: 35.54 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
111	43.3	35.4	53.0

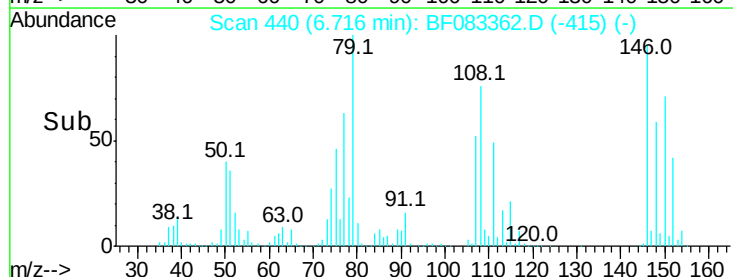
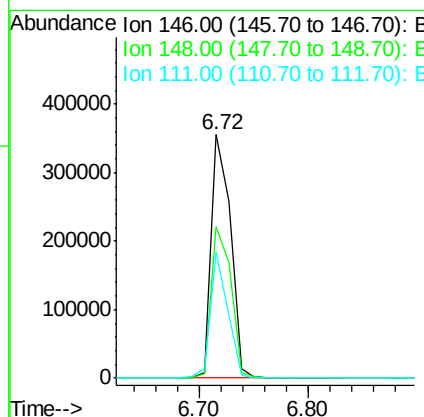
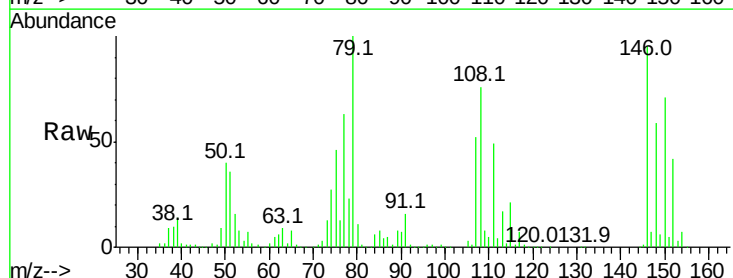
Manual Integrations
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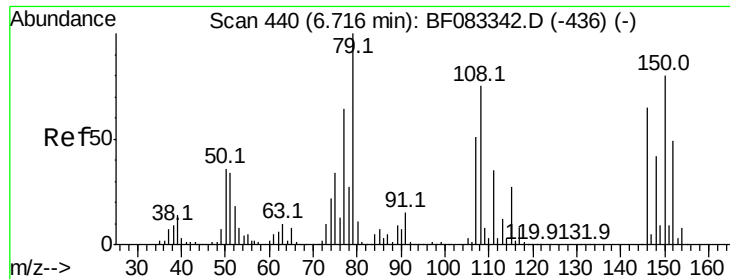
Mmdadoda
 12/1/2015 6:35:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.37 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.5	78.7
111	51.8	30.6	46.0





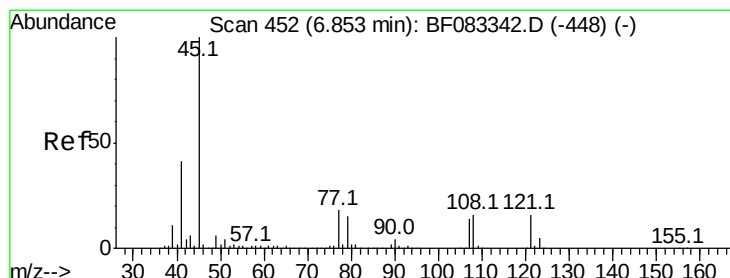
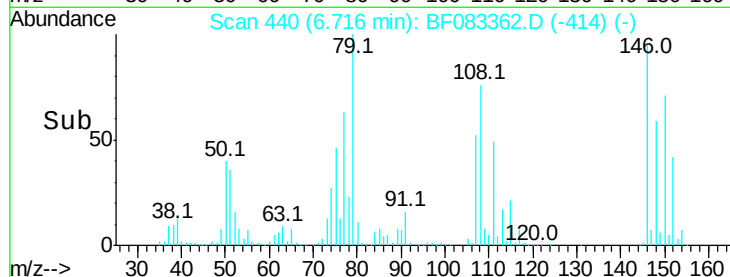
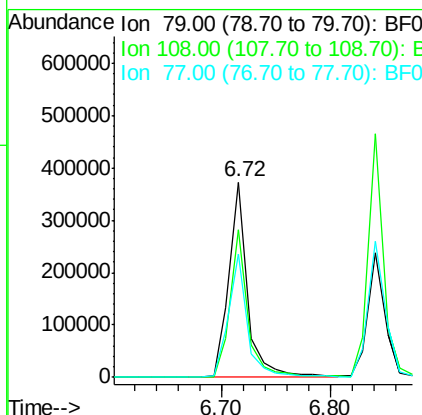
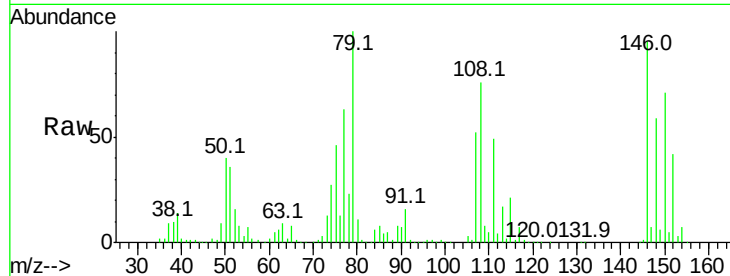
#15
Benzyl Alcohol
Concen: 37.40 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	59.9	89.9
77	63.3	51.0	76.6

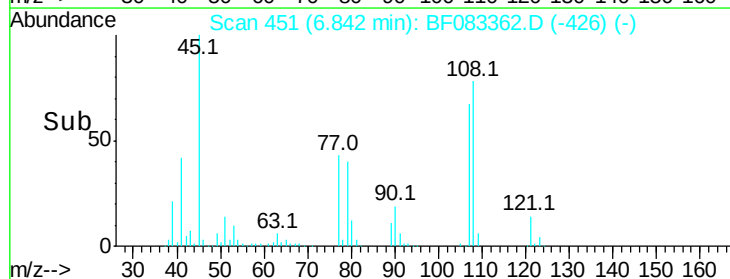
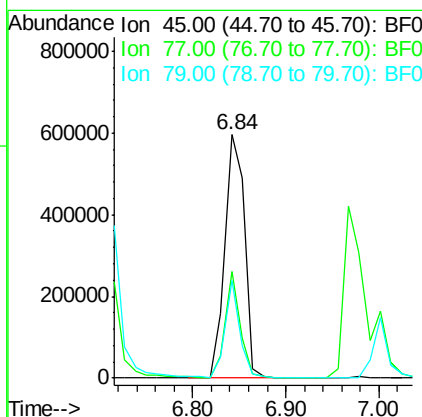
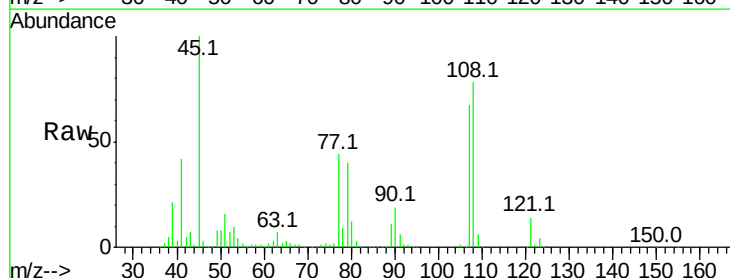
Manual Integrations
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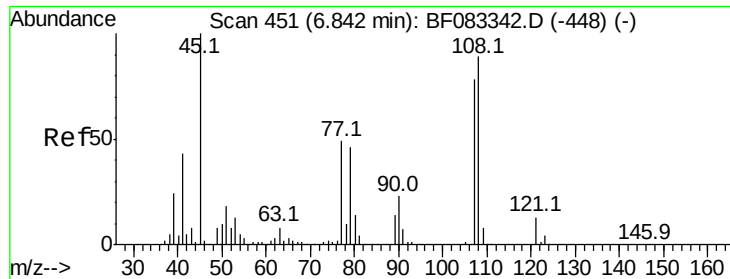
Mmdadoda
12/1/2015 6:35:12 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.74 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.6	0.0	38.3#
79	40.1	0.0	35.4#





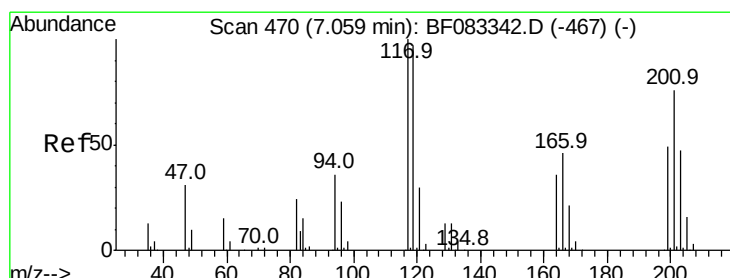
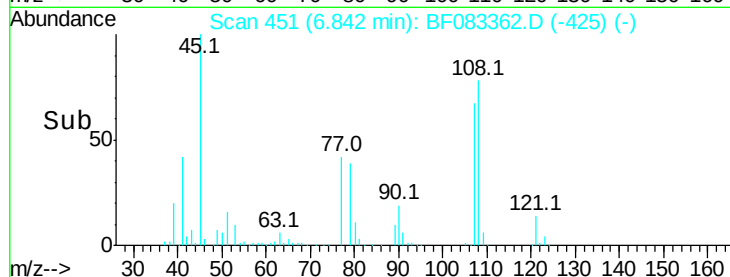
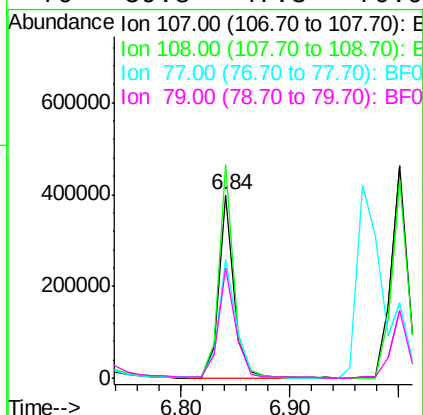
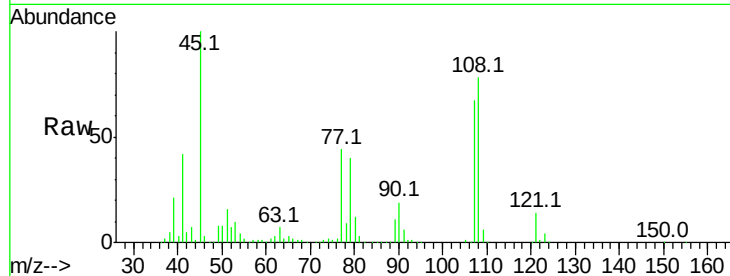
#17
2-Methylphenol
Concen: 37.62 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	391880		
108	116.3	91.6	137.4	
77	65.0	49.9	74.9	
79	59.8	47.3	70.9	

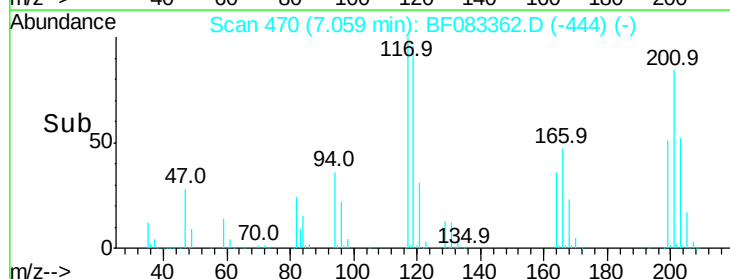
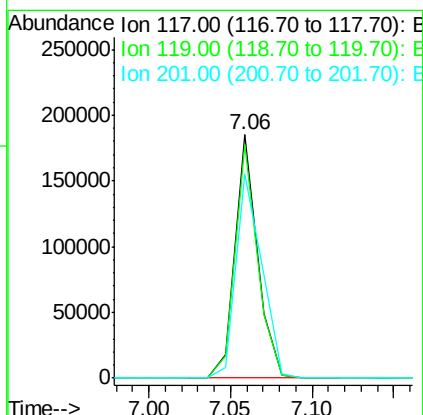
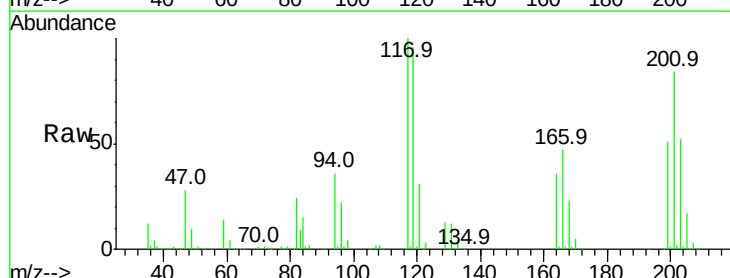
Manual Integrations
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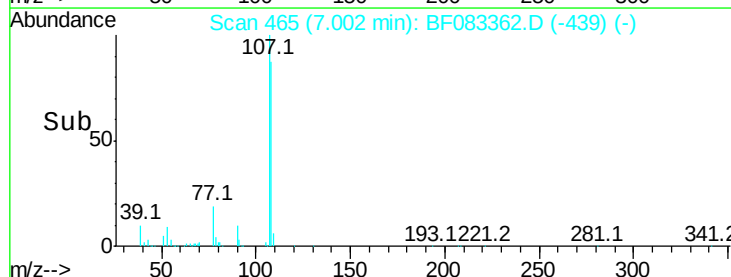
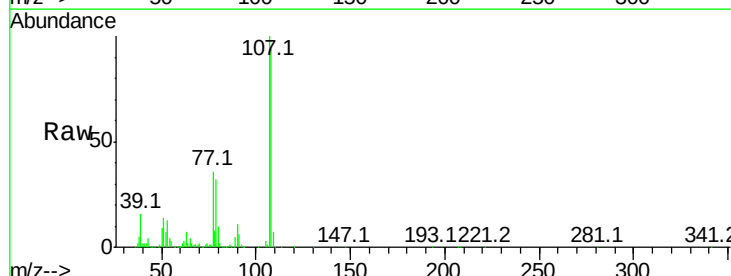
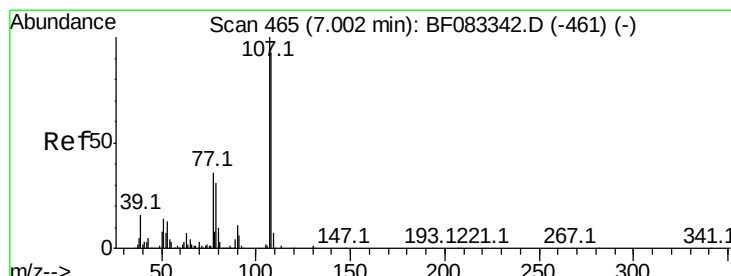
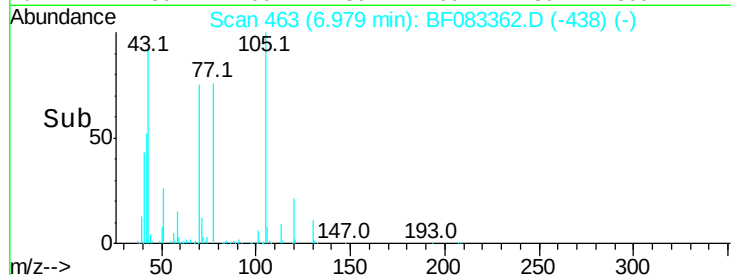
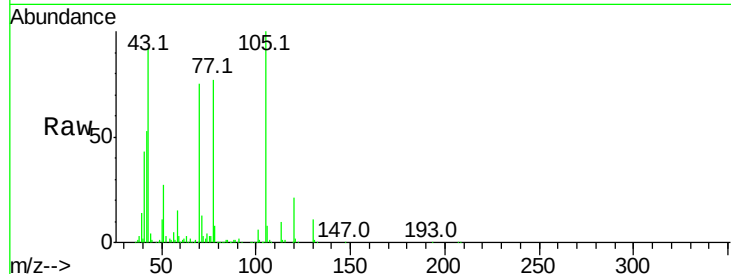
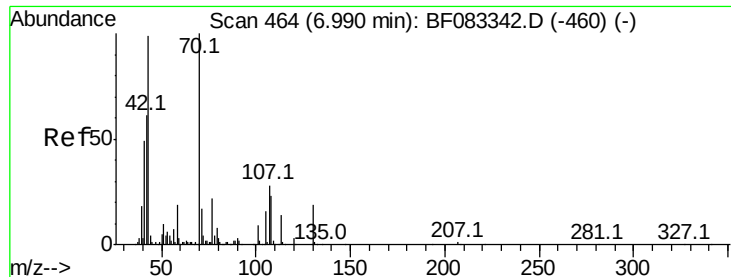
Mmdadoda
12/1/2015 6:35:12 PM



#18
Hexachloroethane
Concen: 34.94 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	174225		
119	96.0	77.3	115.9	
201	83.9	60.6	90.8	





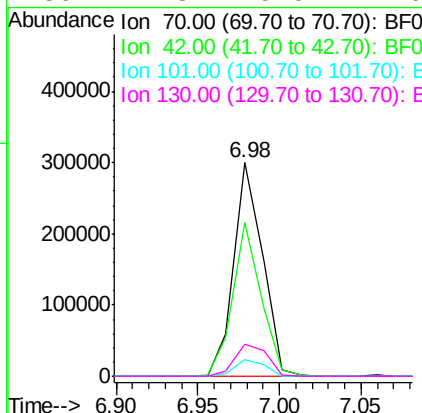
#19
n-Nitroso-di-n-propylamine
Concen: 32.98 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.7	48.8	73.2
101	7.8	7.1	10.7
130	14.8	15.0	22.6

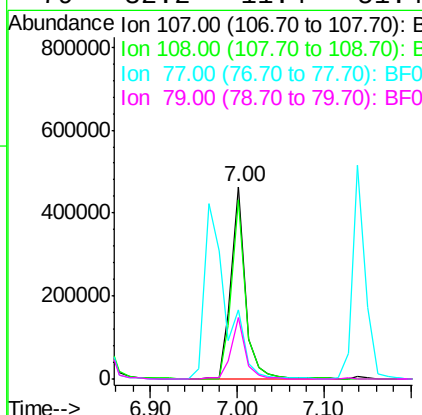
Manual Integrations
APPROVED

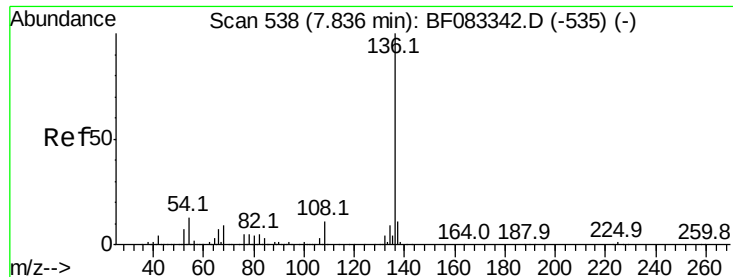
Mmdadoda
12/1/2015 6:35:12 PM



#20
3+4-Methylphenols
Concen: 37.35 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	73.0	113.0
77	35.7	16.8	56.8
79	32.2	11.4	51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

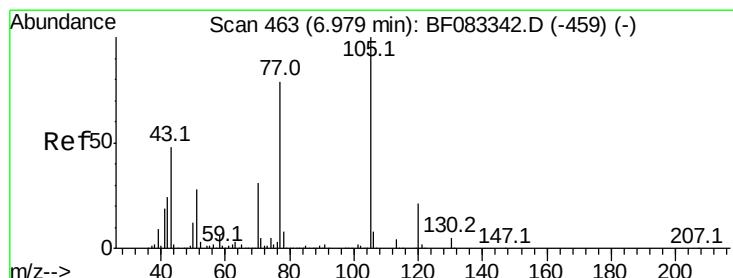
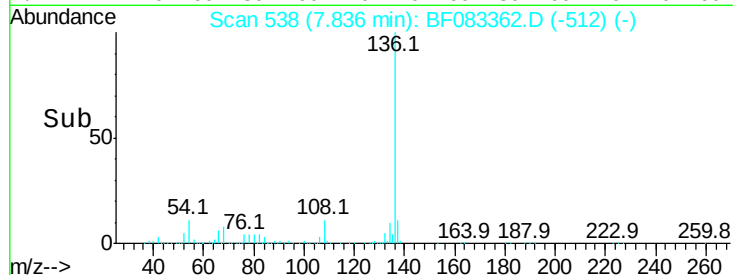
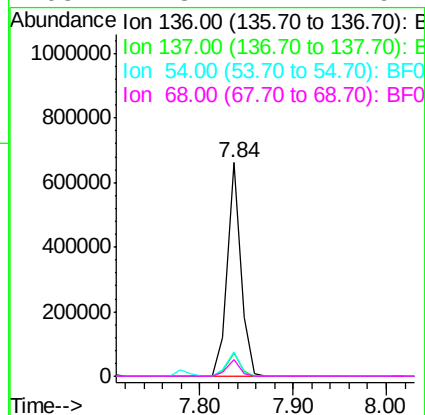
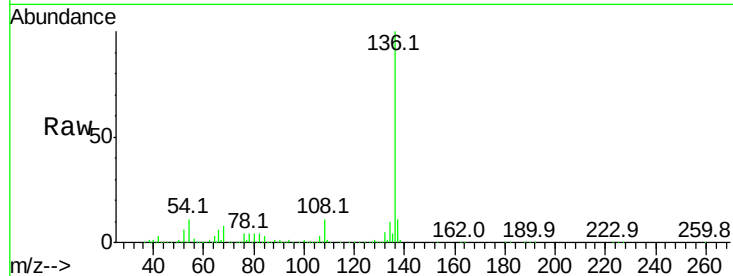
ClientSampleId :

PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	671891		
137	11.0	9.0	13.4	
54	11.5	10.1	15.1	
68	7.8	7.1	10.7	

Manual Integrations
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Mmdadoda
12/1/2015 6:35:12 PM



#22

Acetophenone

Concen: 33.31 ng

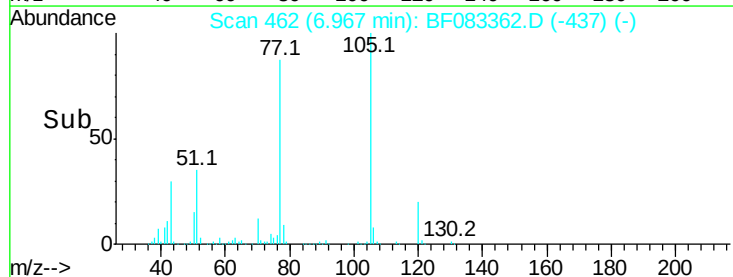
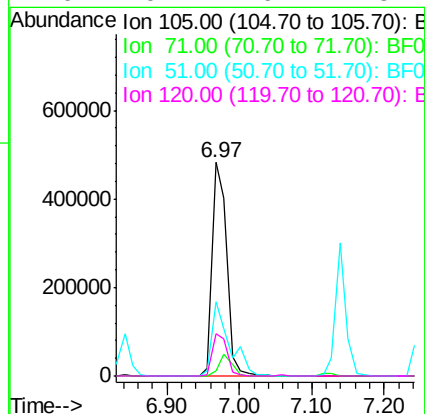
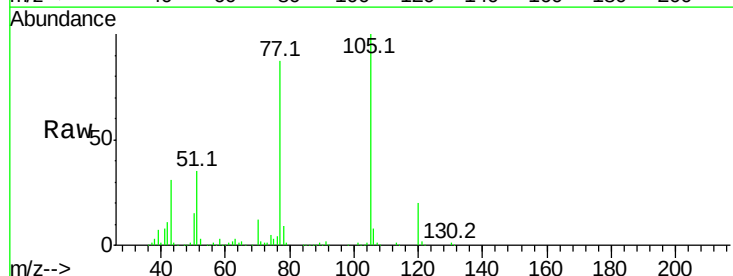
RT: 6.97 min Scan# 462

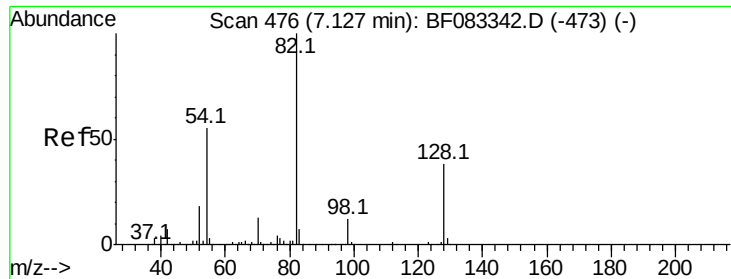
Delta R.T. -0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	669573		
71	2.2	4.3	6.5#	
51	34.6	22.9	34.3#	
120	19.7	16.7	25.1	





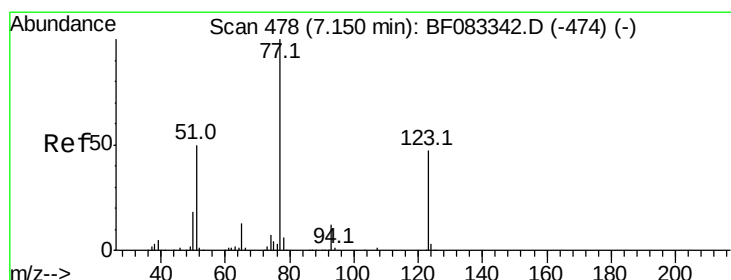
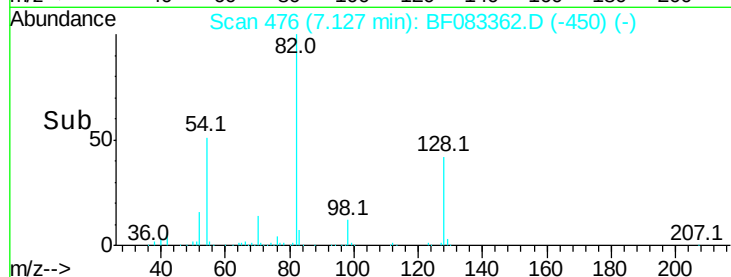
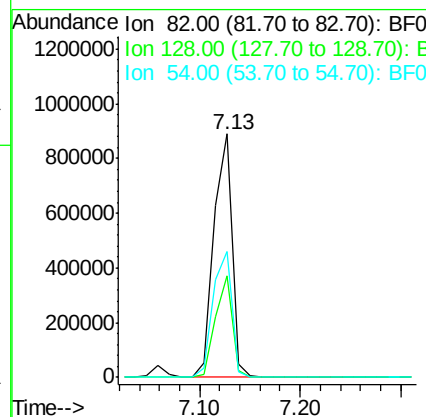
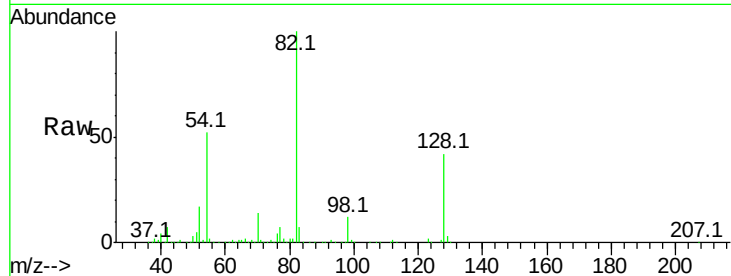
#23
 Nitrobenzene-d5
 Concen: 73.22 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion: 82 Resp: 1119189
 Ion Ratio Lower Upper
 82 100
 128 41.7 30.6 46.0
 54 51.7 43.8 65.6

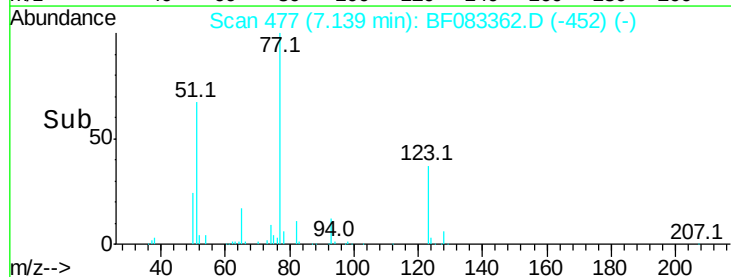
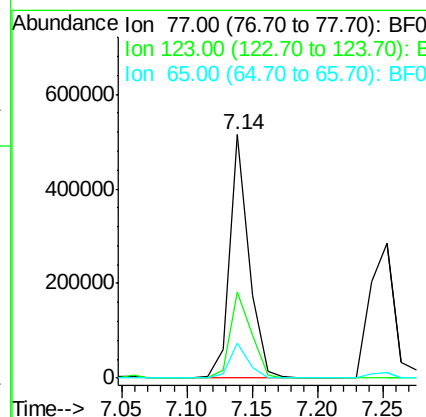
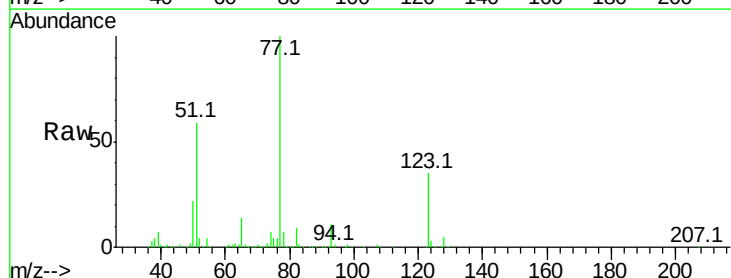
Manual Integrations
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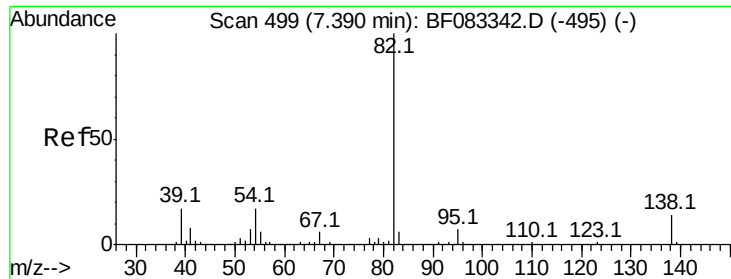
Mmdadoda
 12/1/2015 6:35:12 PM



#24
 Nitrobenzene
 Concen: 32.18 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion: 77 Resp: 525298
 Ion Ratio Lower Upper
 77 100
 123 35.5 37.4 56.0#
 65 14.2 10.6 15.8





#25

Isophorone

Concen: 33.62 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

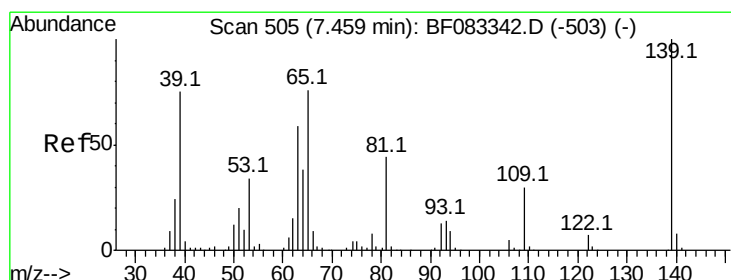
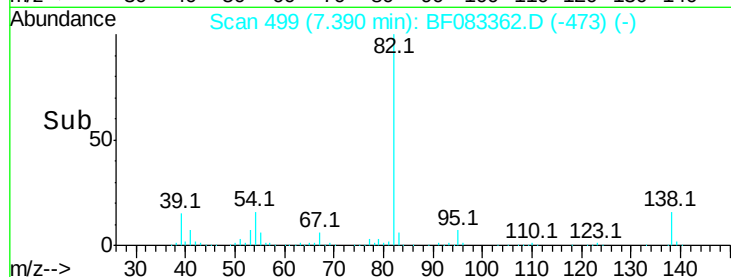
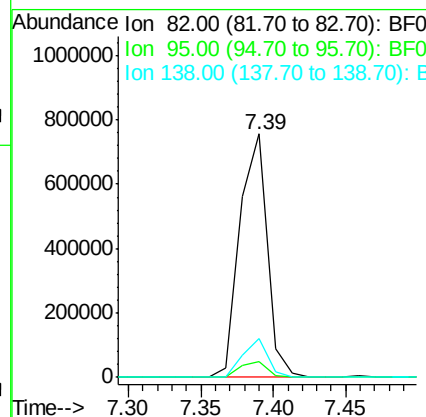
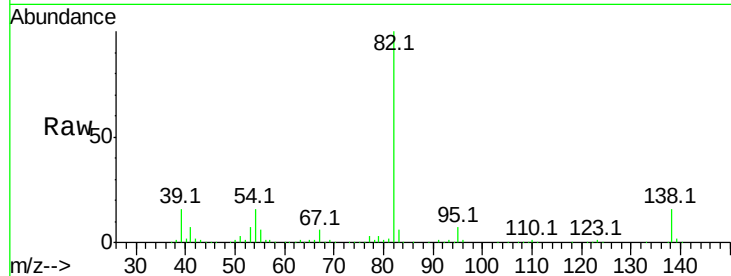
ClientSampleId :

PB86923BS

Tot Ion:	82	Resp:	995428
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	15.8	11.6	17.4

Manual Integrations
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Mmdadoda
12/1/2015 6:35:12 PM



#26

2-Nitrophenol

Concen: 34.09 ng

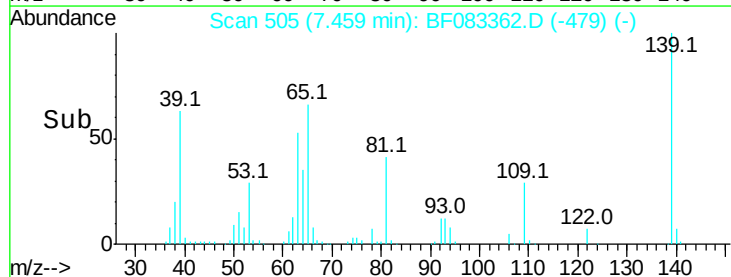
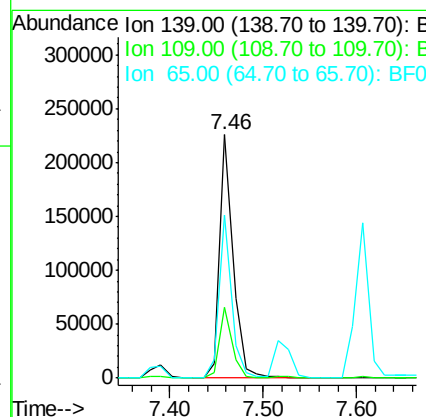
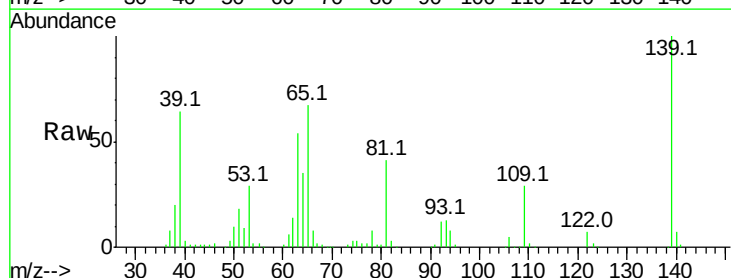
RT: 7.46 min Scan# 505

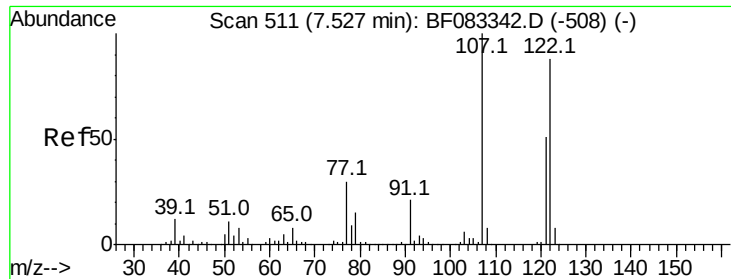
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	139	Resp:	227140
Ion Ratio	Lower	Upper	
139	100		
109	29.2	24.2	36.4
65	67.0	61.0	91.6





#27

2,4-Dimethylphenol

Concen: 36.17 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

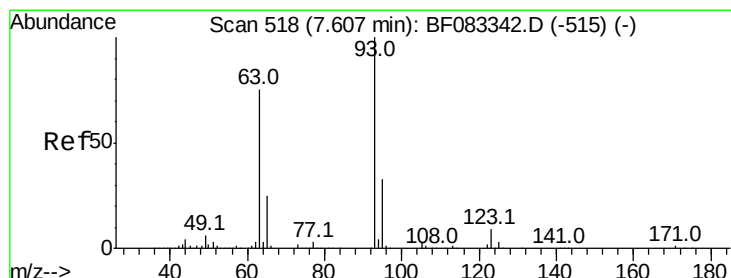
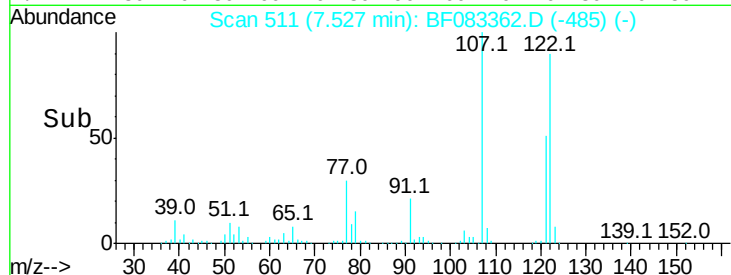
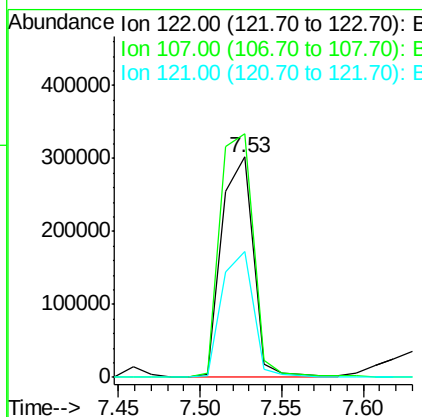
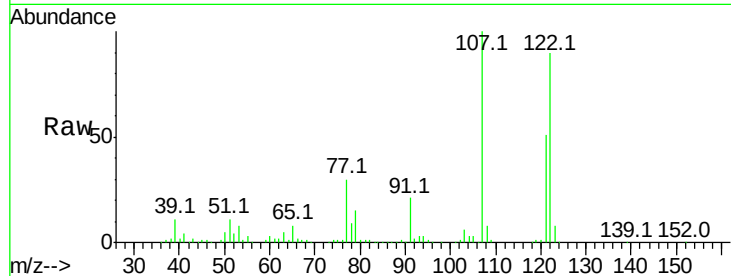
ClientSampleId :

PB86923BS

Tot Ion:	122	Resp:	403987
Ion Ratio	Lower	Upper	
122	100		
107	110.6	91.2	136.8
121	56.9	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.78 ng

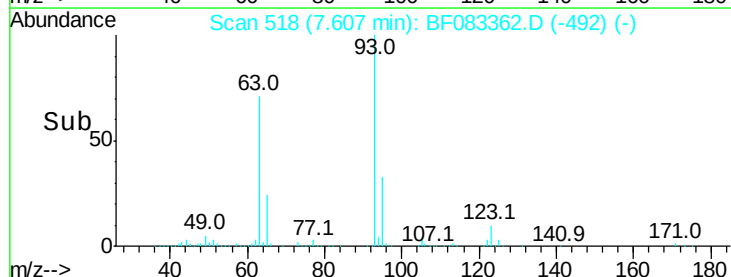
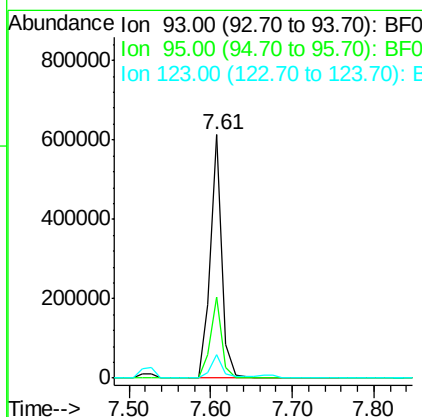
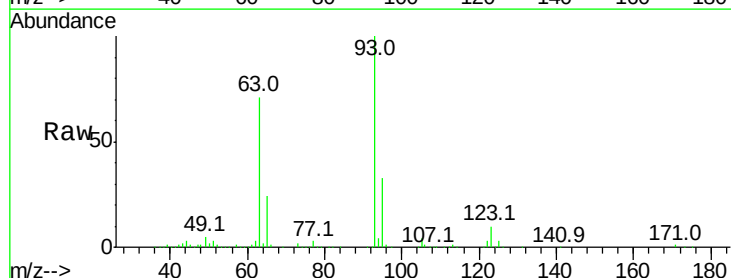
RT: 7.61 min Scan# 518

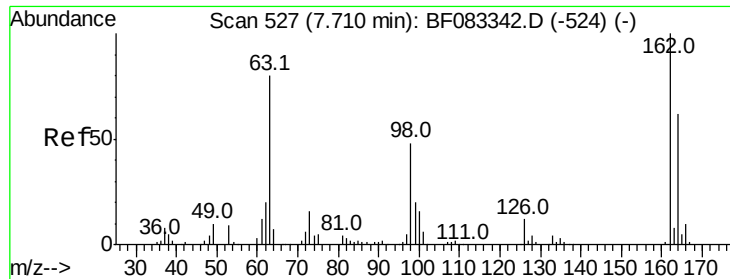
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	93	Resp:	620157
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.1	39.1
123	9.7	7.4	11.0





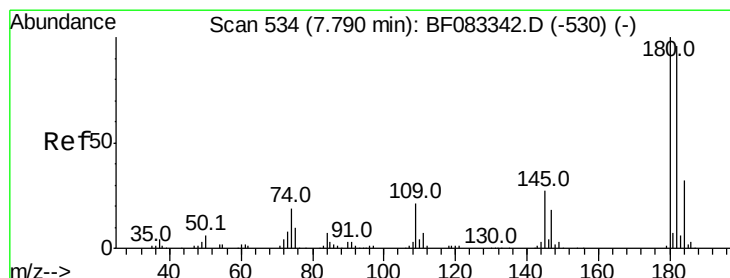
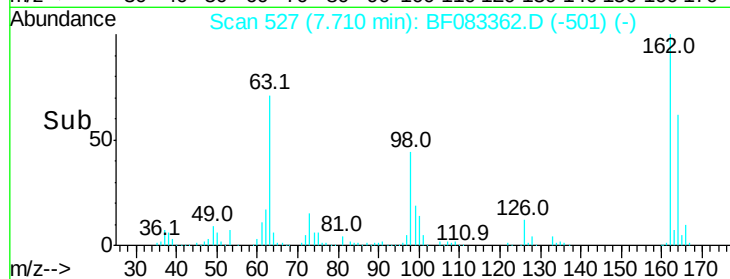
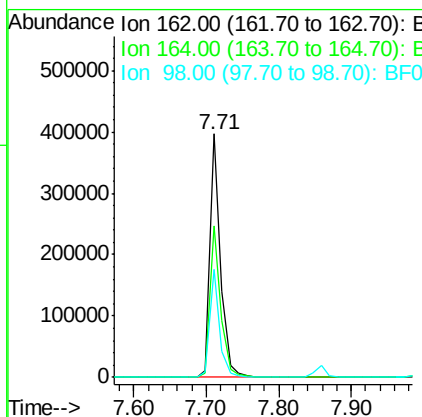
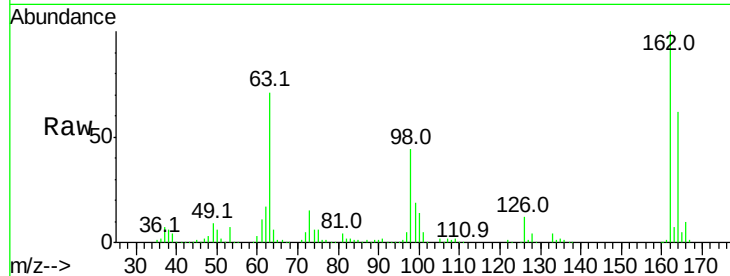
#29
 2,4-Dichlorophenol
 Concen: 37.30 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion:	162	Resp:	400633
Ion Ratio	Lower	Upper	
162	100		
164	62.4	41.9	81.9
98	44.2	28.1	68.1

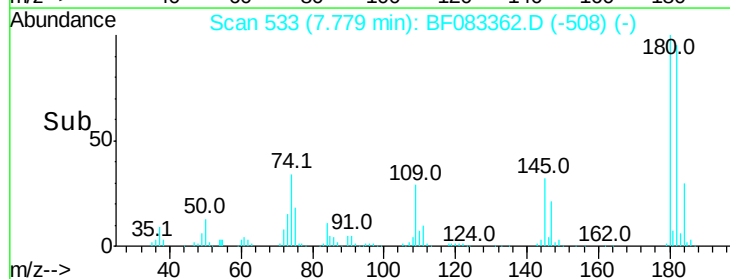
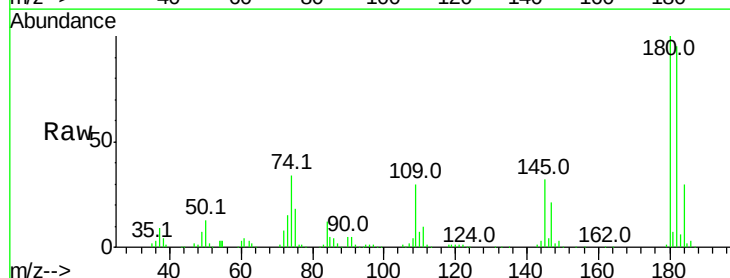
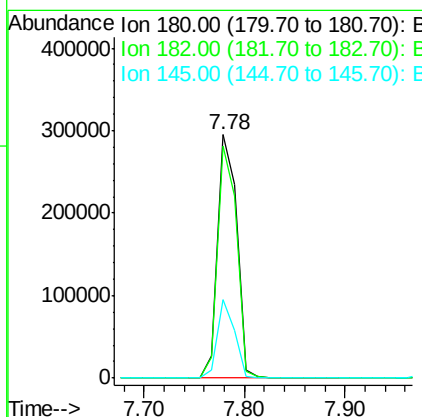
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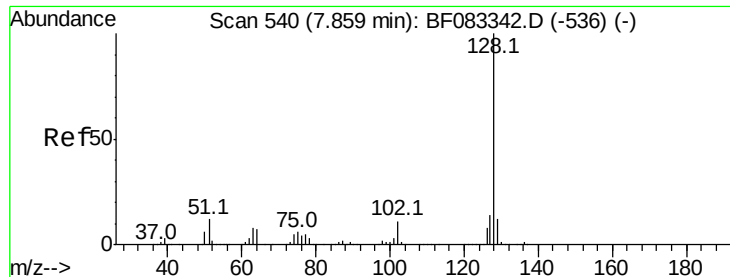
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.44 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:	180	Resp:	390960
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.2	115.8
145	32.2	21.4	32.2





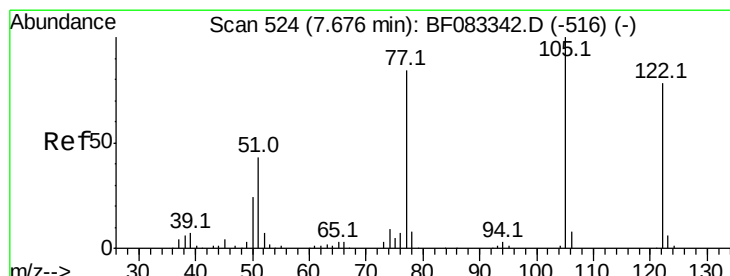
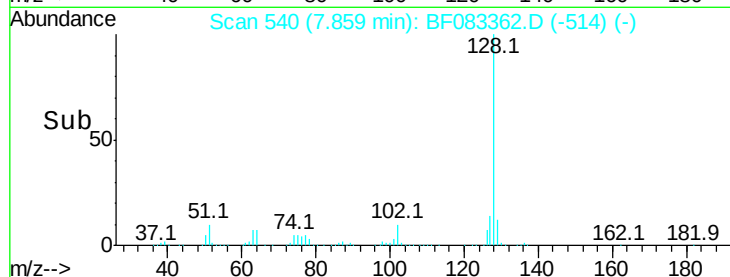
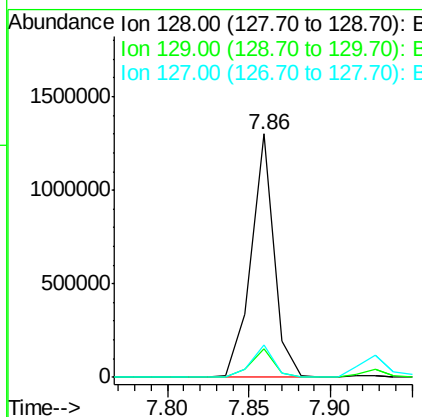
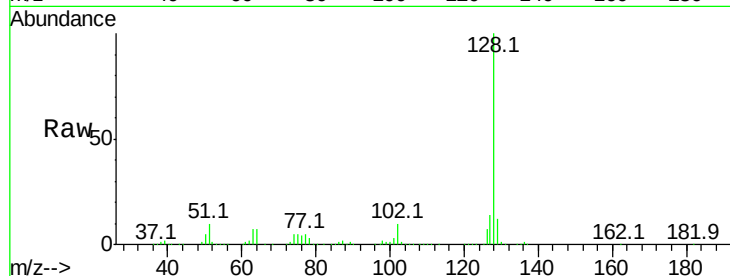
#31
Naphthalene
Concen: 34.93 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion:128 Resp: 1273426
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.5 11.0 16.4

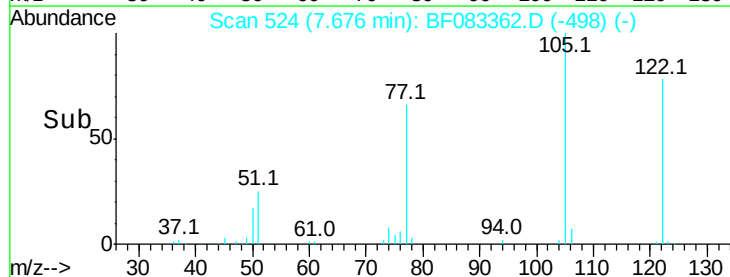
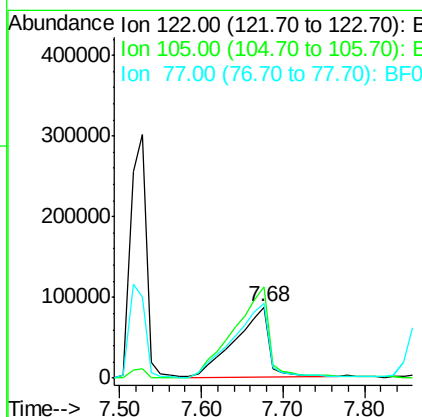
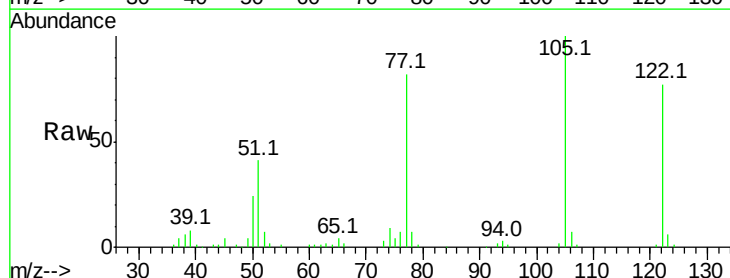
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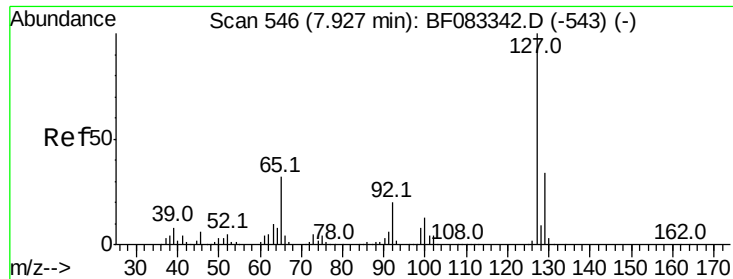
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#32
Benzoic acid
Concen: 32.47 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion:122 Resp: 250148
Ion Ratio Lower Upper
122 100
105 129.2 106.0 146.0
77 105.6 86.3 126.3





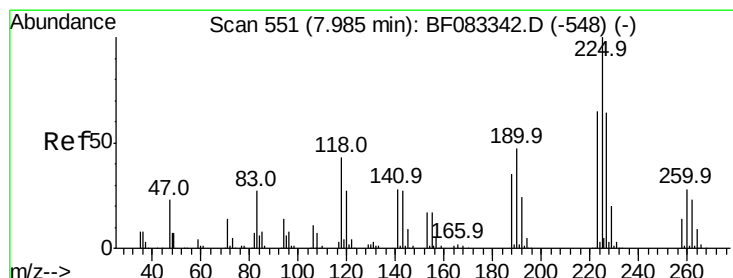
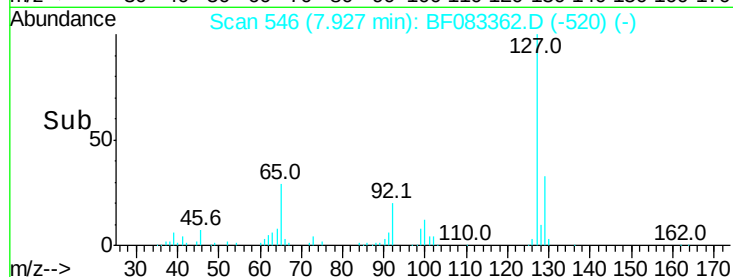
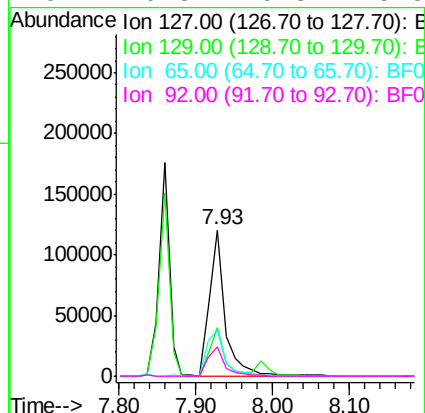
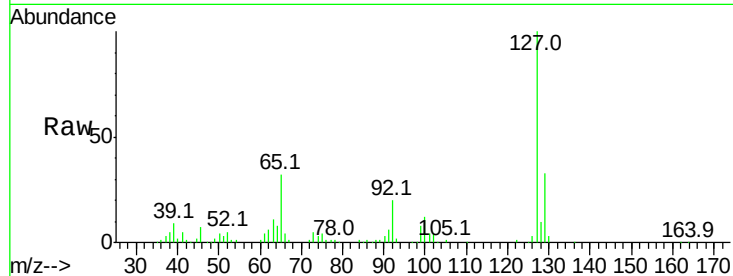
#33
4-Chloroaniline
Concen: 10.85 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	27.0	40.4
65	31.6	25.9	38.9
92	19.8	15.8	23.8

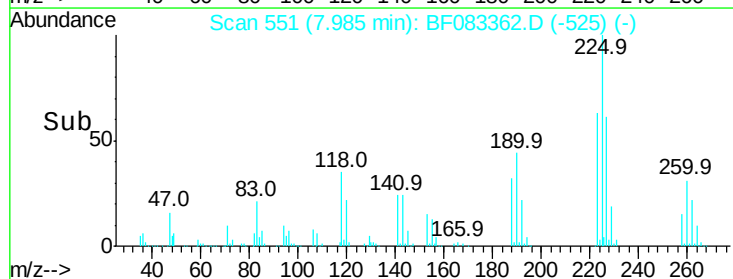
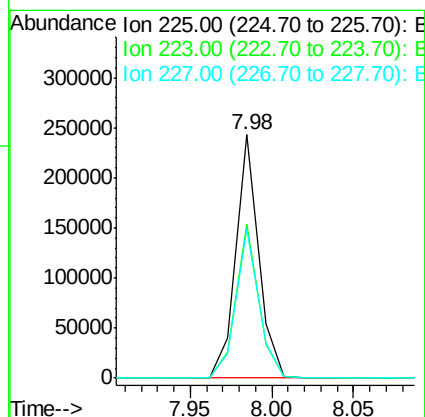
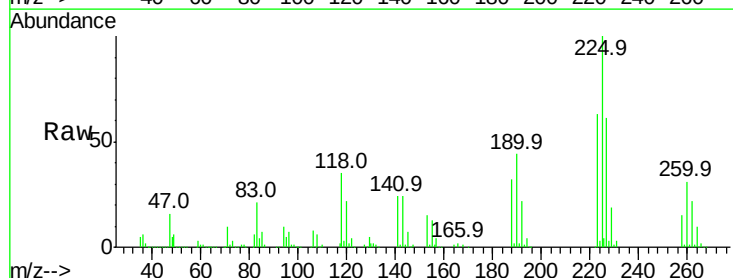
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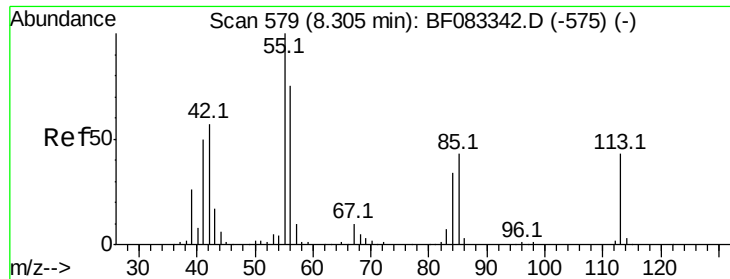
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12/1/2015 6:35:12 PM



#34
Hexachlorobutadiene
Concen: 35.03 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.3	52.0	78.0
227	61.0	51.1	76.7





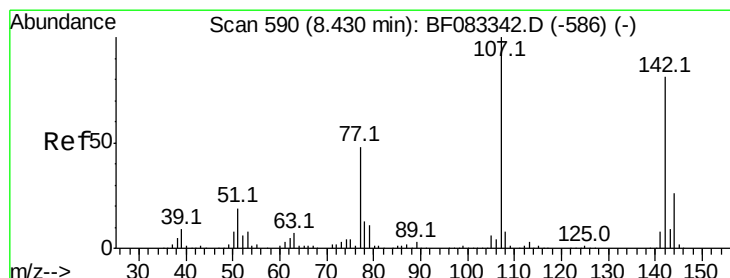
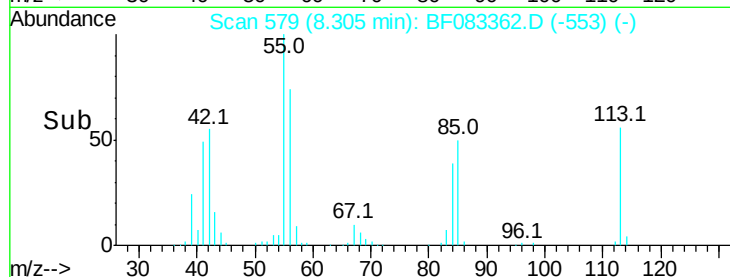
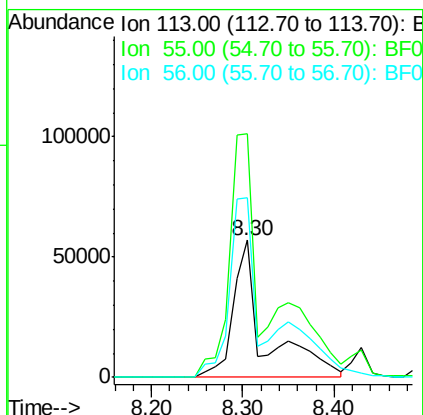
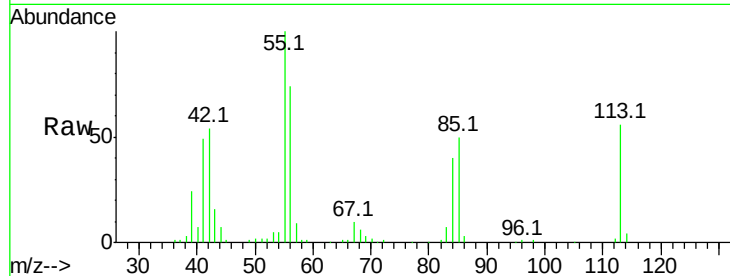
#35
 Caprolactam
 Concen: 39.51 ng/ml
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	177.9	211.6	251.6#	
56	131.6	153.0	193.0#	

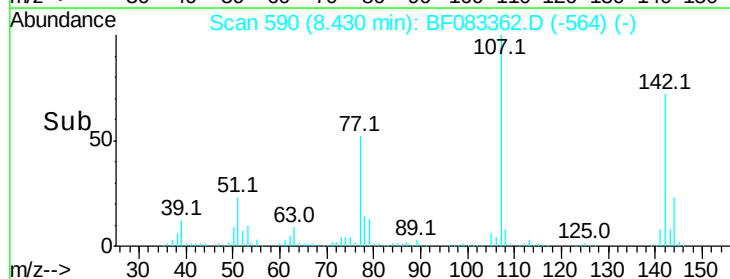
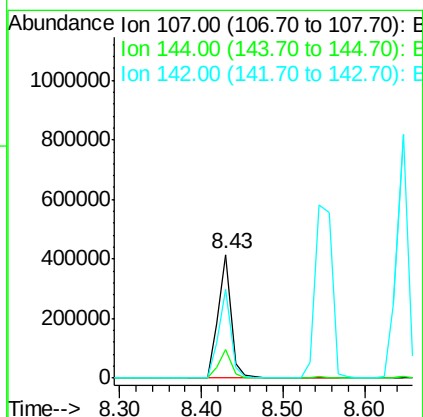
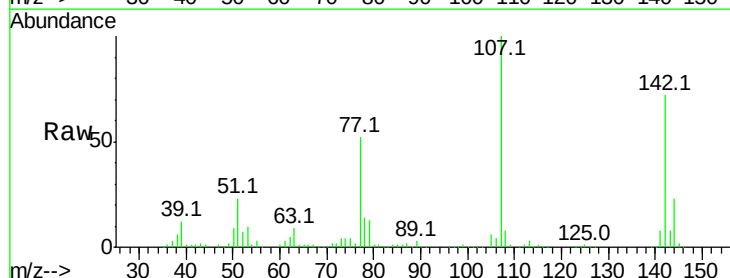
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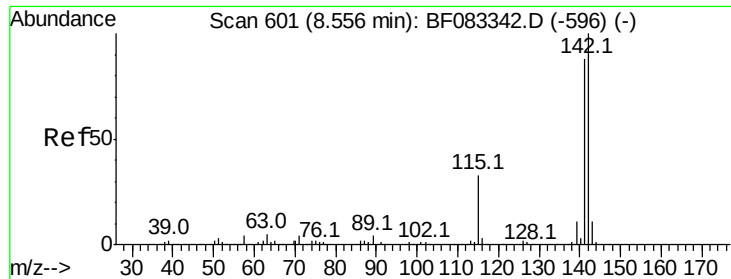
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#36
 4-Chloro-3-methylphenol
 Concen: 38.49 ng/ml
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	21.1	31.7	
142	71.9	65.1	97.7	





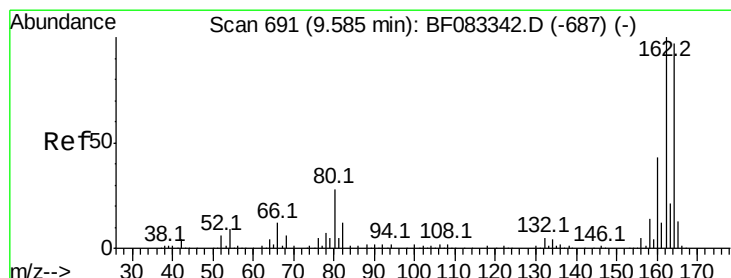
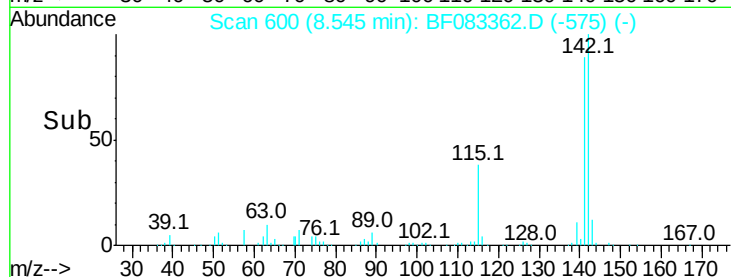
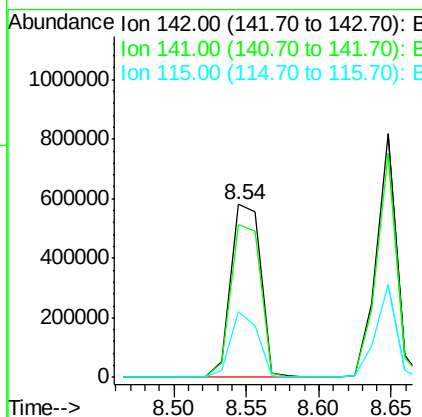
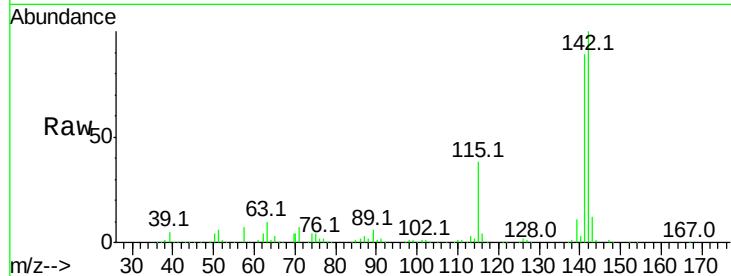
#37
 2-Methylnaphthalene
 Concen: 33.94 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Manual Integrations
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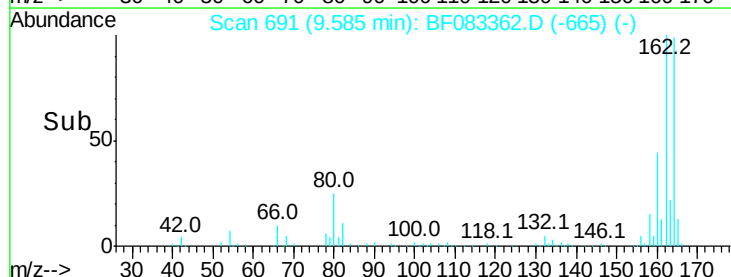
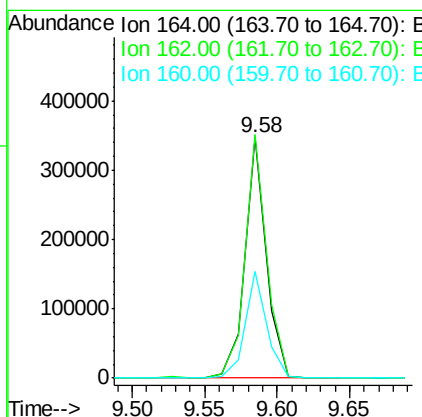
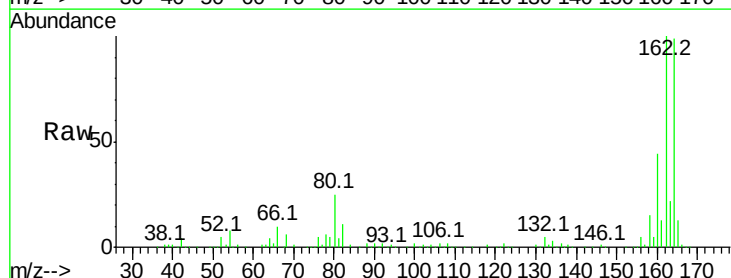
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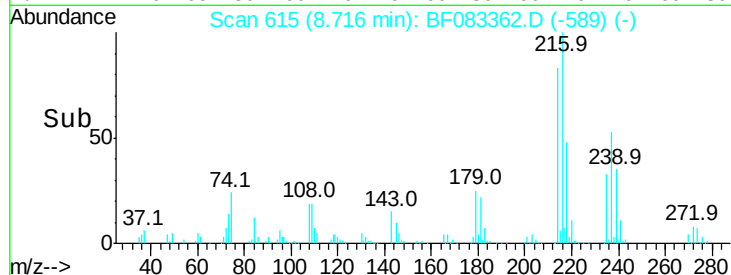
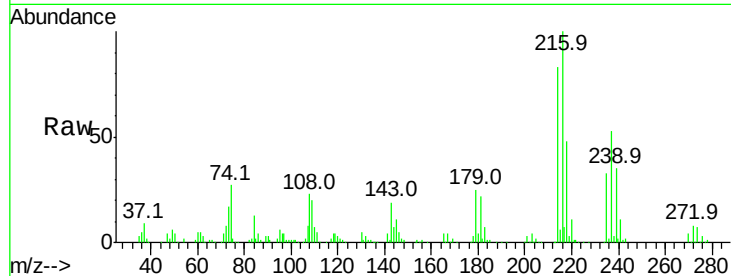
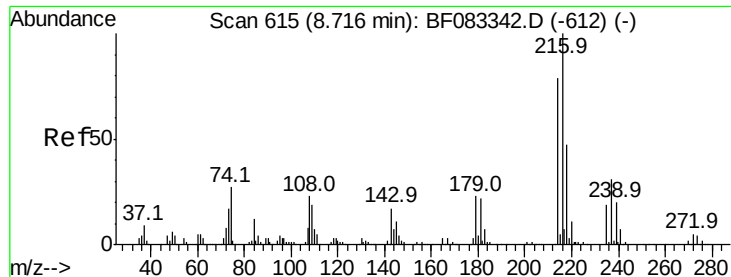
Tot Ion	Ratio	Resp	Lower	Upper
142	100	826953		
141	88.6	70.6	105.8	
115	38.3	26.2	39.2	



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353443		
162	101.0	82.6	123.8	
160	44.1	35.3	52.9	





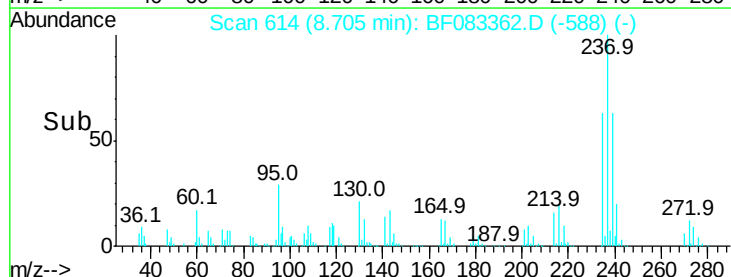
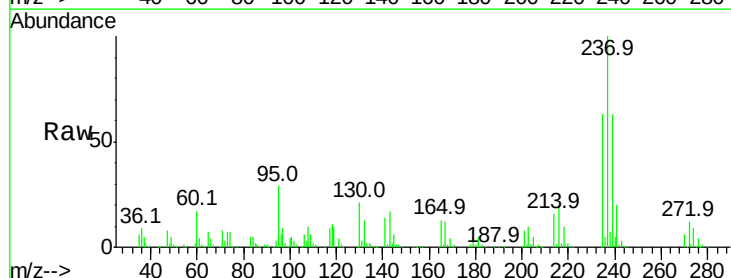
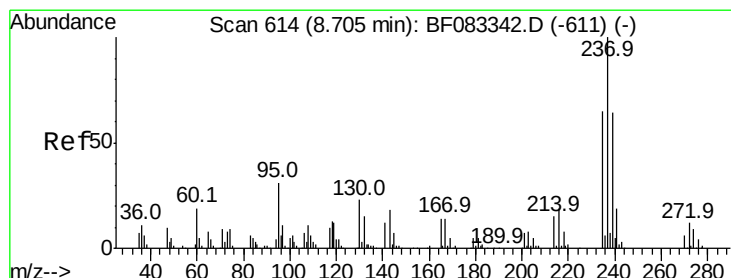
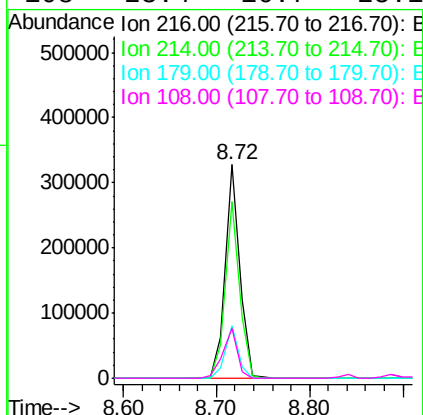
#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.80 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Manual Integrations
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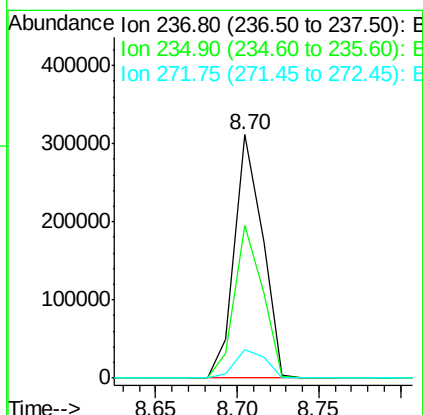
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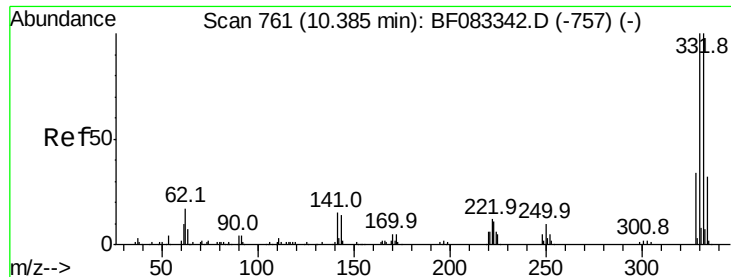
Tot Ion	Ratio	Resp	Lower	Upper
216	100	356264		
214	81.1	62.3	93.5	
179	22.3	17.0	25.4	
108	23.4	16.7	25.1	



#40
Hexachlorocyclopentadiene
Concen: 69.46 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	369666		
235	62.9	44.5	84.5	
272	12.0	0.0	31.6	





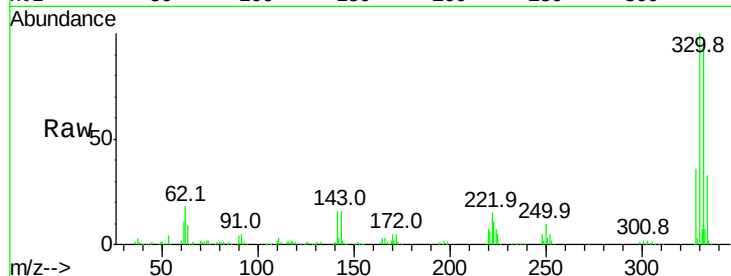
#41
 2,4,6-Tribromophenol
 Concen: 107.73 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

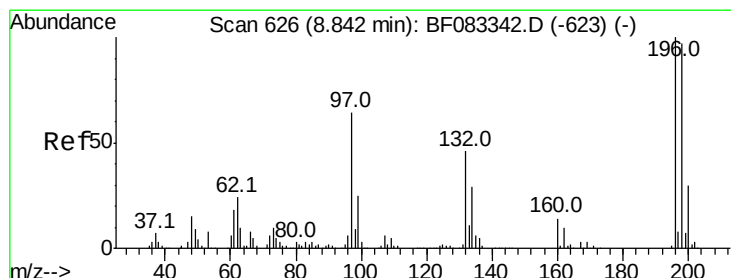
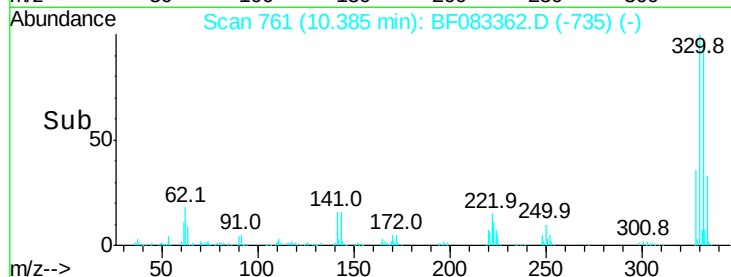
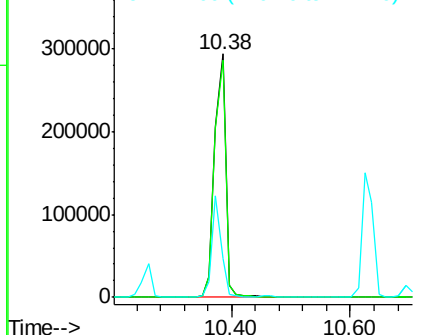
Tot Ion	Ratio	Resp	Lower	Upper
330	100	382215		
332	98.1	77.8	116.6	
141	35.5	29.4	44.0	

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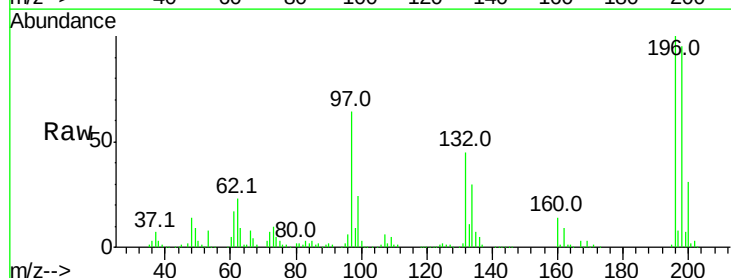


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

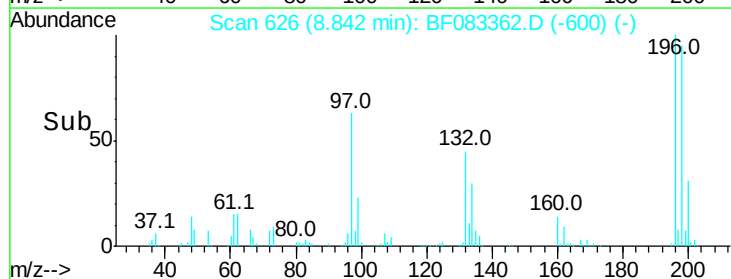
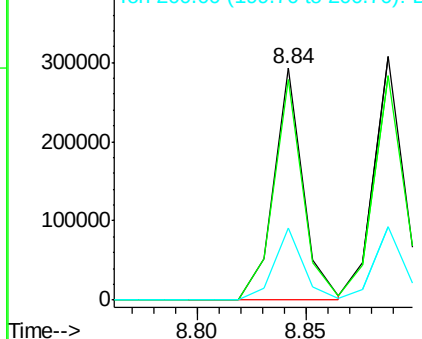


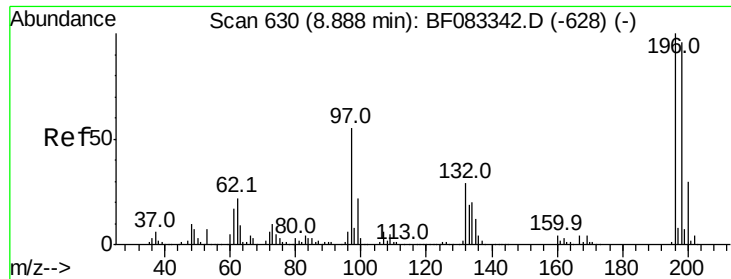
#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275814		
198	95.3	77.2	115.8	
200	31.1	24.2	36.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





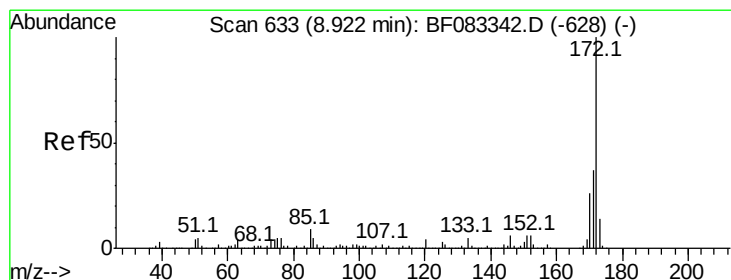
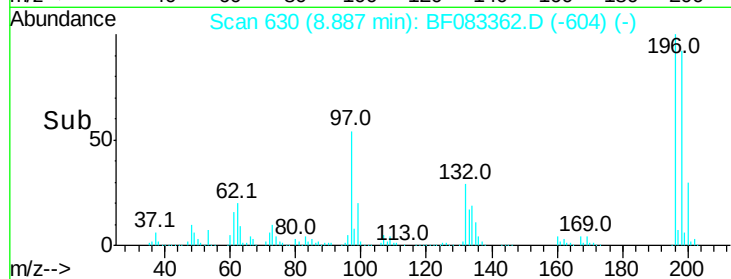
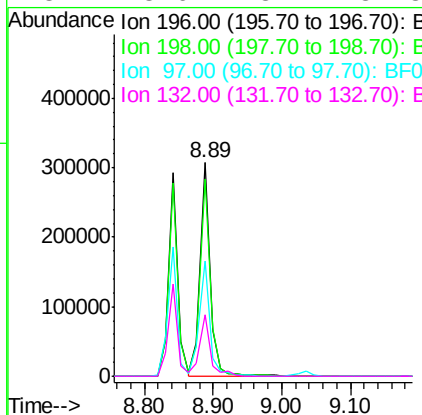
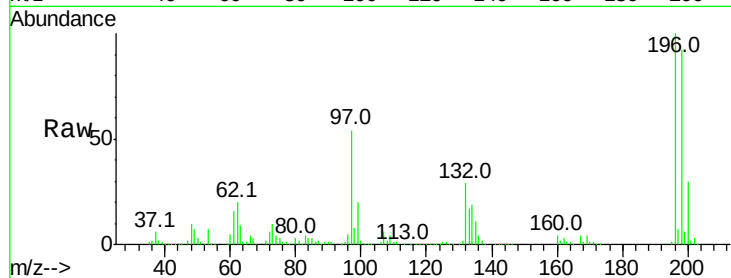
#43
 2,4,5-Trichlorophenol
 Concen: 37.78 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	307608		
198	92.2		77.2	115.8
97	54.1		44.4	66.6
132	28.6		23.2	34.8

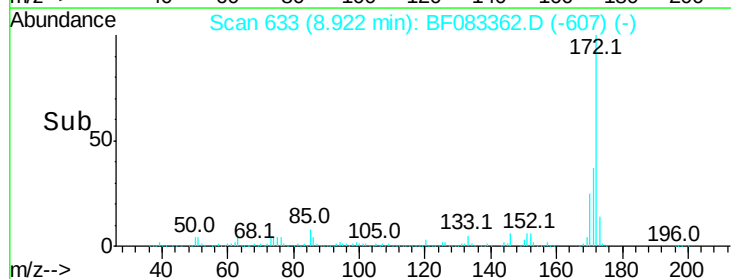
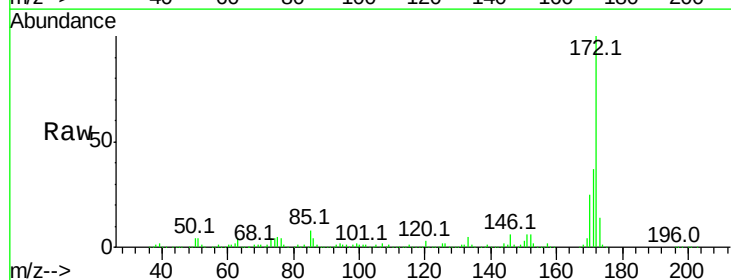
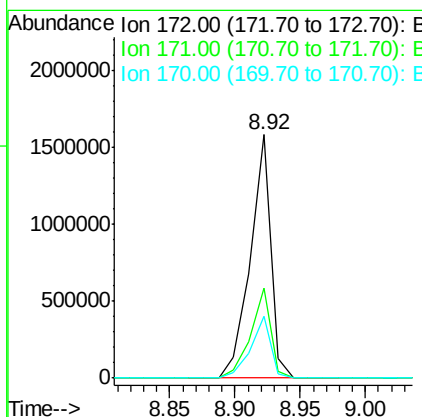
Manual Integrations
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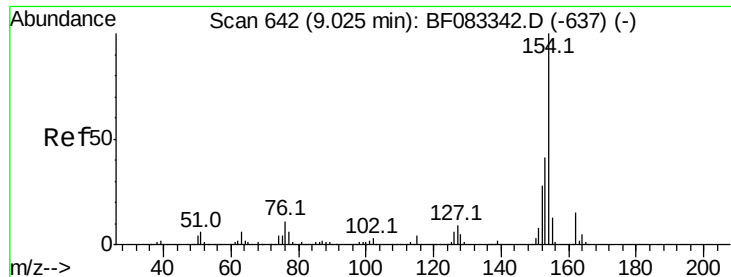
Mmdadoda
 12/1/2015 6:35:12 PM



#44
 2-Fluorobiphenyl
 Concen: 70.25 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1742456		
171	36.8		29.4	44.0
170	25.2		20.4	30.6





#45

1,1'-Biphenyl

Concen: 31.85 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

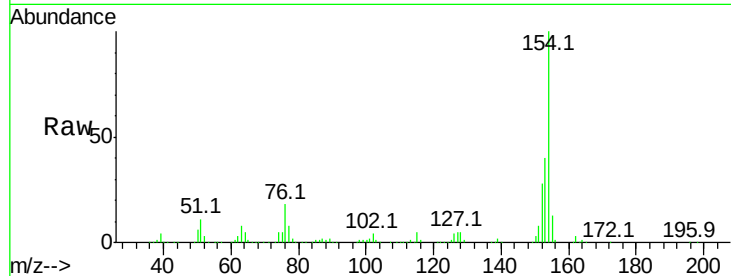
ClientSampled :

PB86923BS

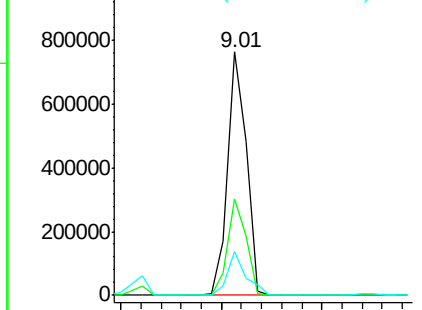
Tot Ion:	154	Resp:	987074
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.6	60.6
76	18.1	0.0	30.5

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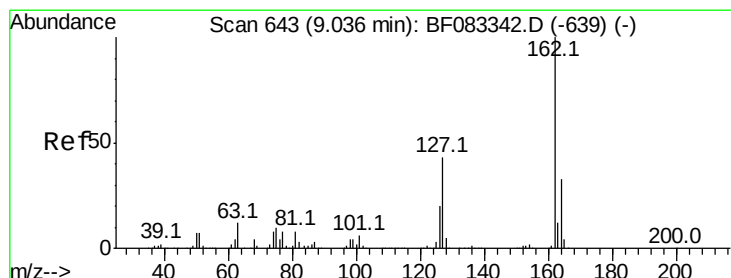
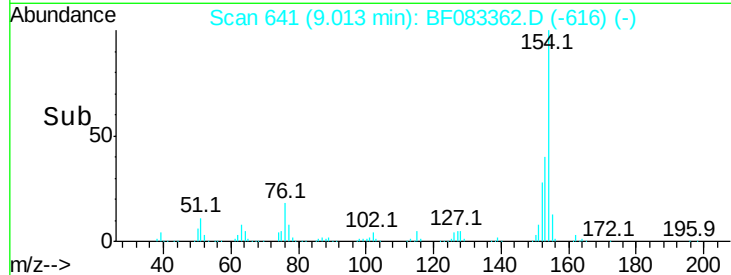
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 34.91 ng

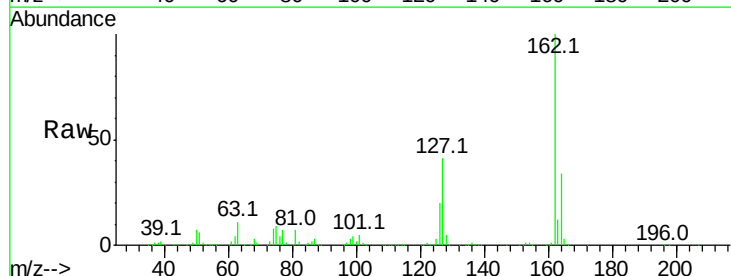
RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

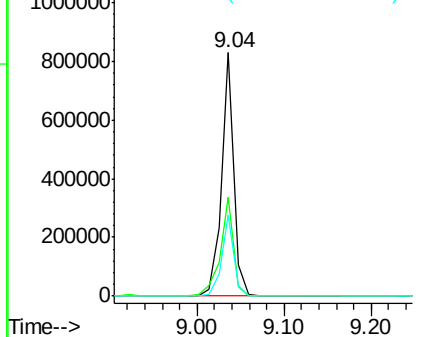
Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

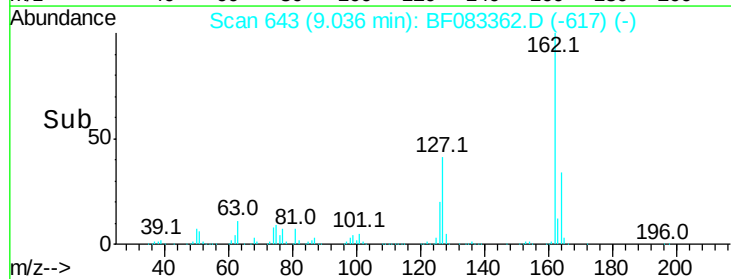
Tgt Ion:	162	Resp:	824411
Ion Ratio	Lower	Upper	
162	100		
127	40.9	34.1	51.1
164	33.5	26.6	39.8

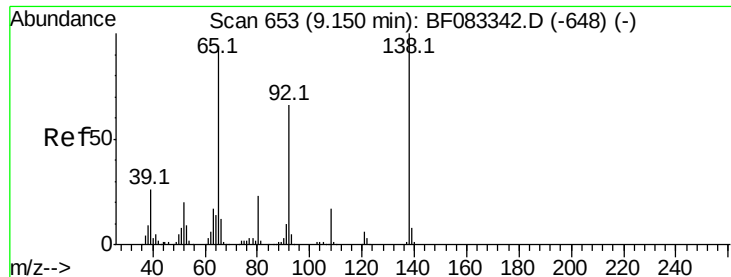


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 33.59 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

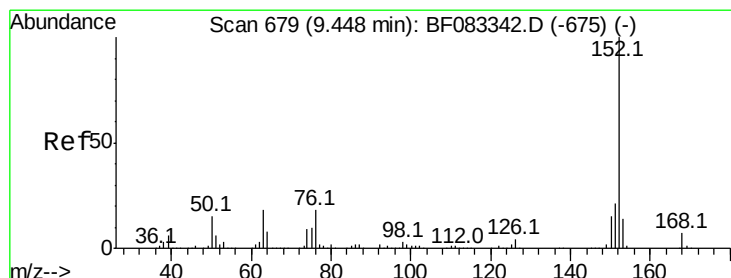
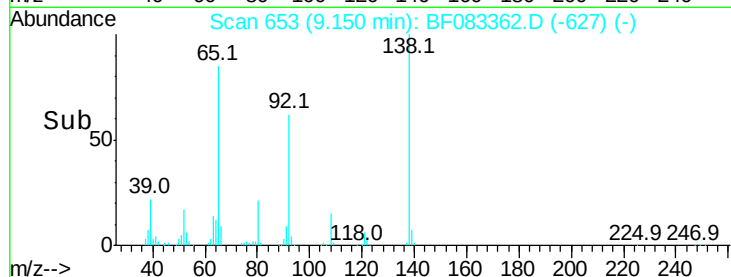
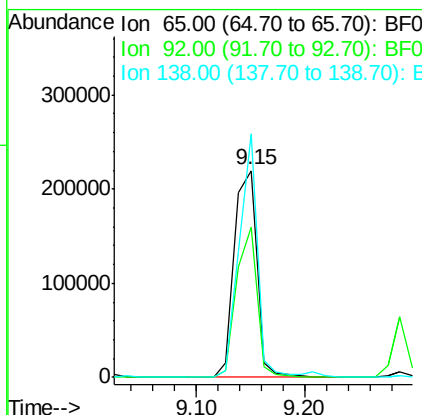
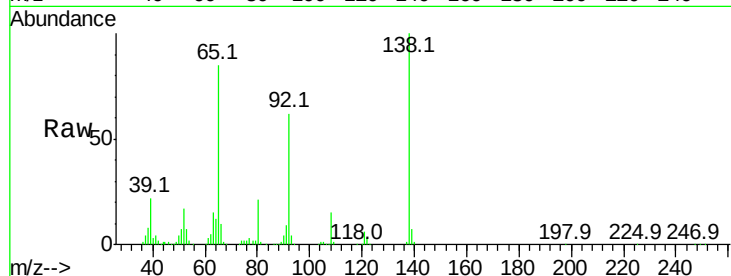
ClientSampleId :

PB86923BS

Tot Ion:	65	Resp:	314157
Ion Ratio	Lower	Upper	
65	100		
92	72.9	56.2	84.4
138	117.9	85.4	128.0

Manual Integrations
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#48

Acenaphthylene

Concen: 33.79 ng

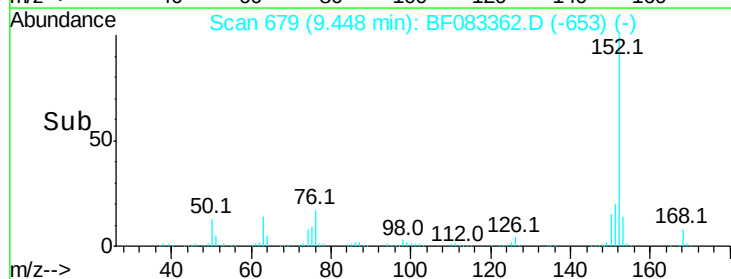
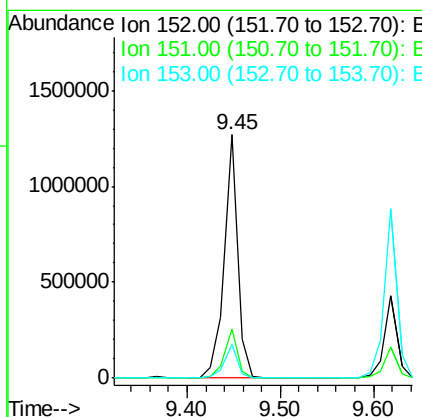
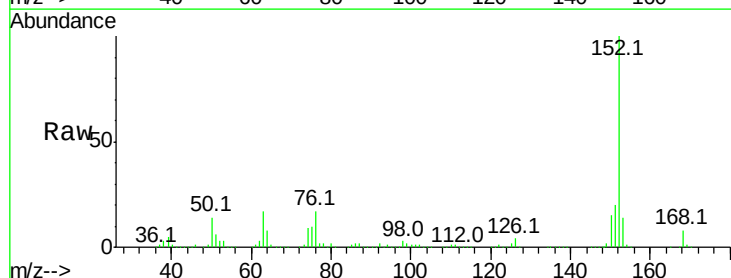
RT: 9.45 min Scan# 679

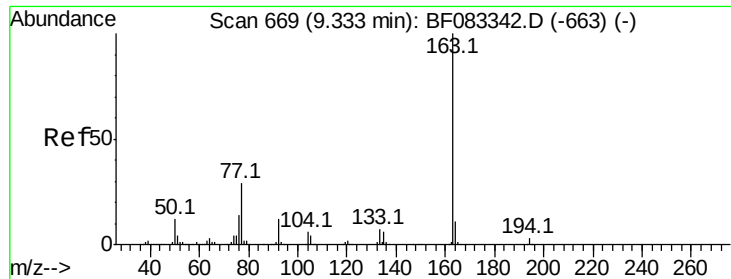
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	152	Resp:	1272846
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.7	25.1
153	14.0	11.2	16.8





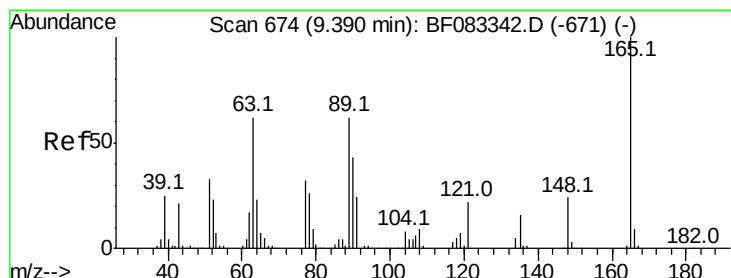
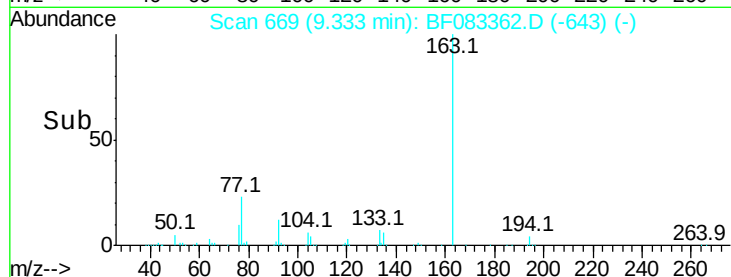
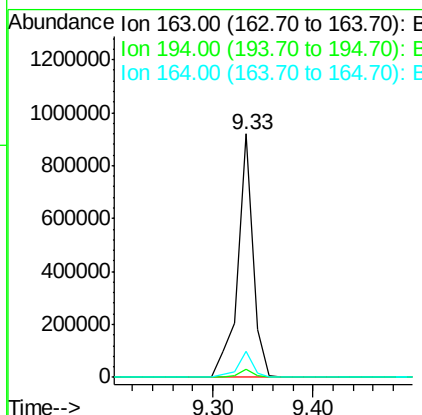
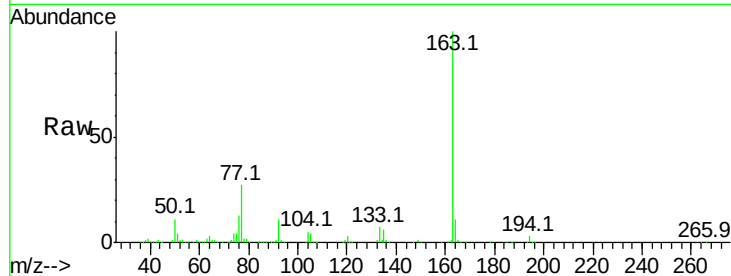
#49
Dimethylphthalate
Concen: 33.84 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	971935		
194	3.4	2.7	4.1	
164	10.7	8.8	13.2	

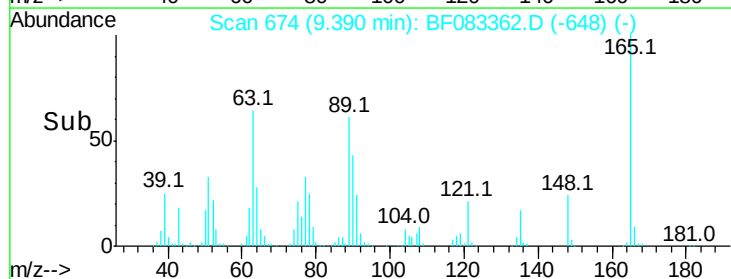
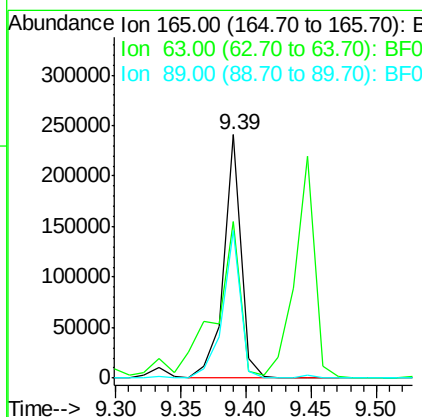
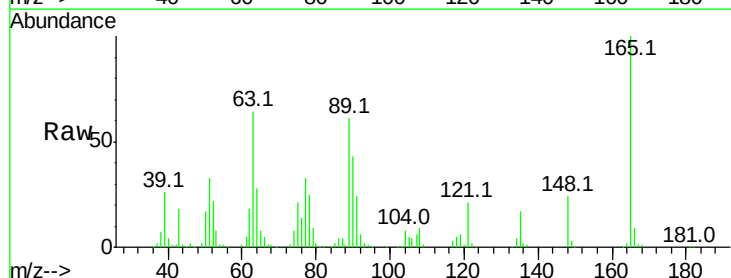
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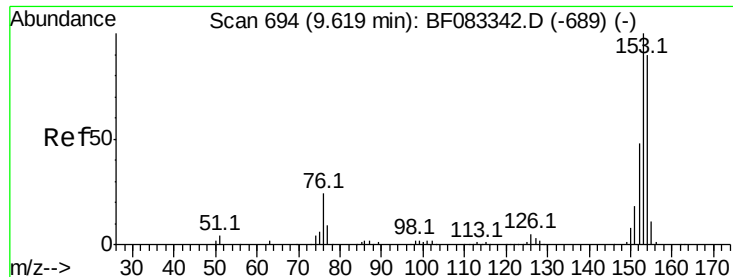
Mmdadoda
12/1/2015 6:35:12 PM



#50
2,6-Dinitrotoluene
Concen: 36.55 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224224		
63	64.1	56.0	84.0	
89	60.7	49.8	74.8	





#51

Acenaphthene

Concen: 34.50 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

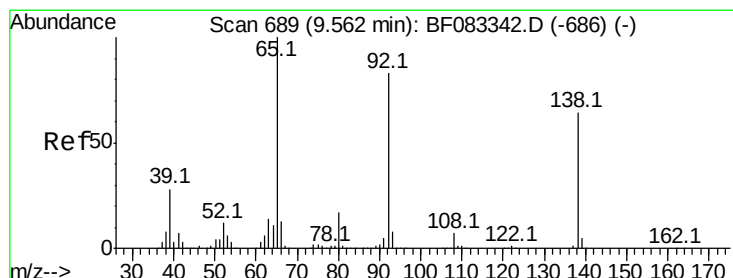
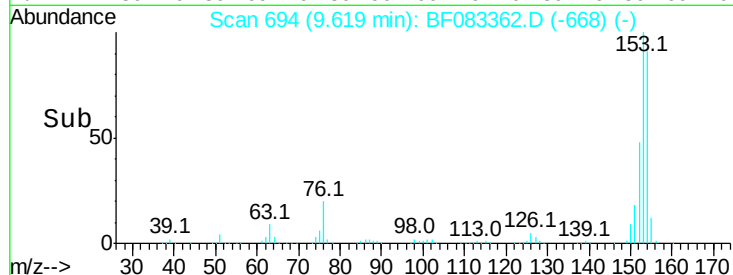
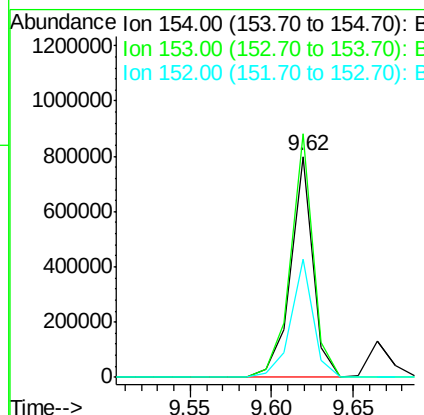
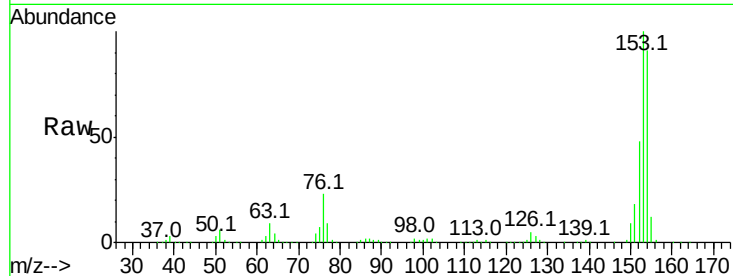
ClientSampleId :

PB86923BS

Tot Ion:	154	Resp:	764441
Ion Ratio	Lower	Upper	
154	100		
153	110.1	89.3	133.9
152	53.3	42.5	63.7

Manual Integrations
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12/1/2015 6:35:12 PM



#52

3-Nitroaniline

Concen: 15.14 ng

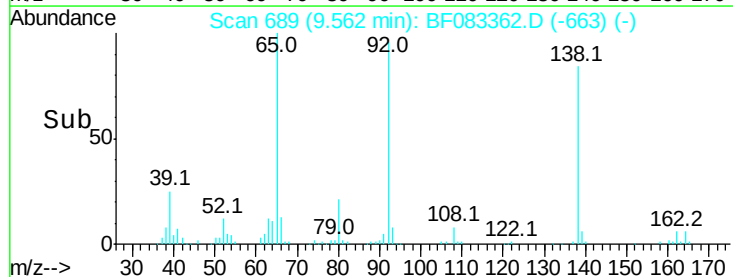
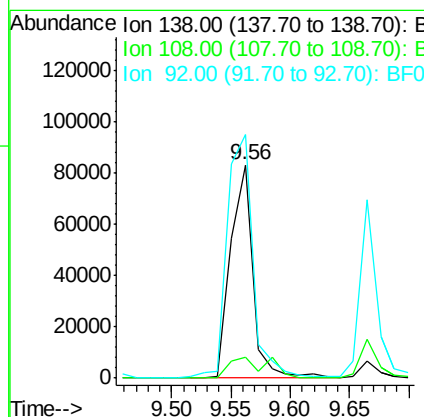
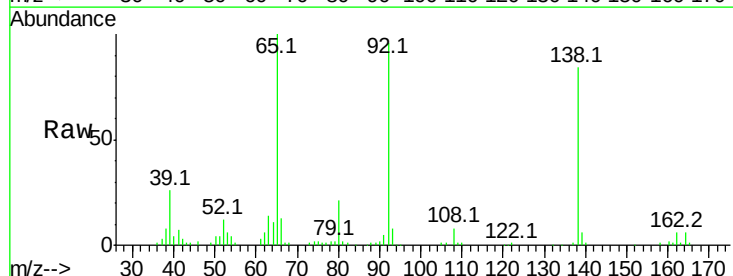
RT: 9.56 min Scan# 689

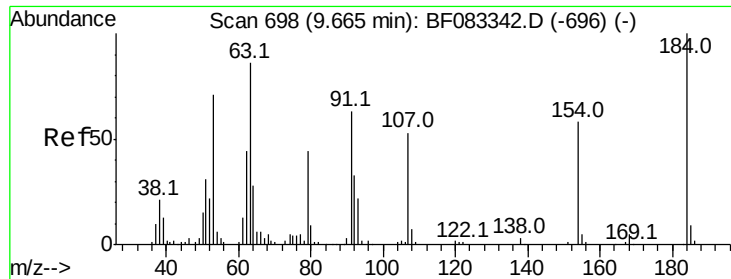
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	138	Resp:	108851
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.4	12.6
92	114.2	104.2	156.4





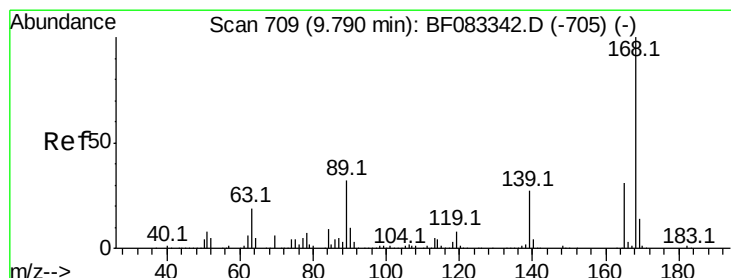
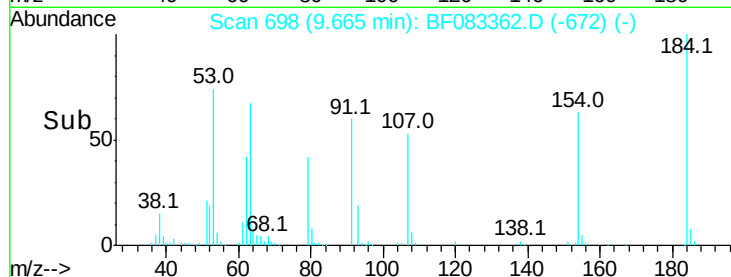
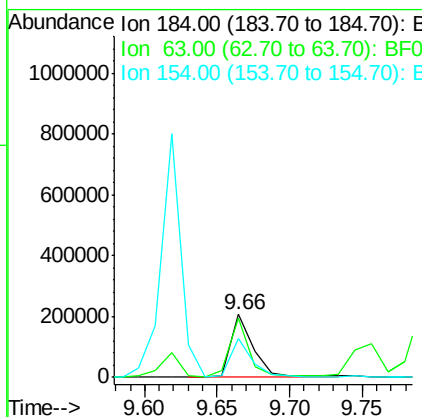
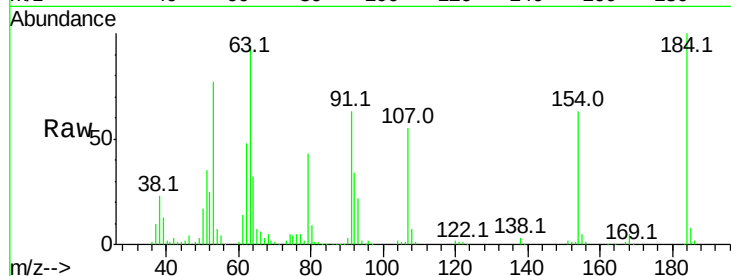
#53
 2,4-Dinitrophenol
 Concen: 62.25 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	226487		
63	94.0	69.0	103.6	
154	62.5	50.0	75.0	

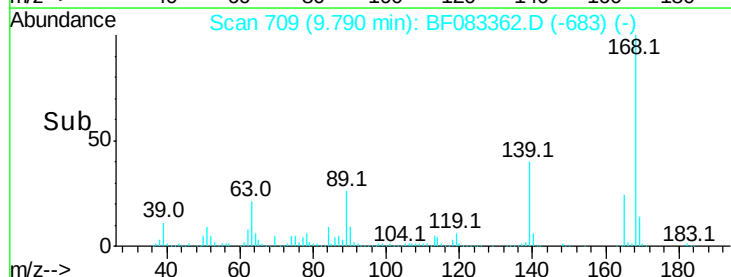
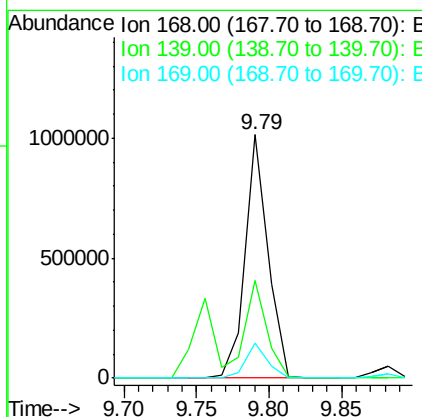
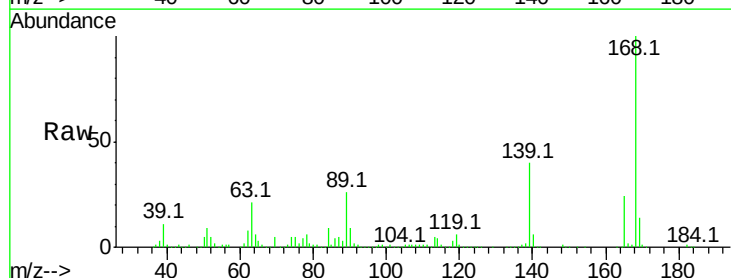
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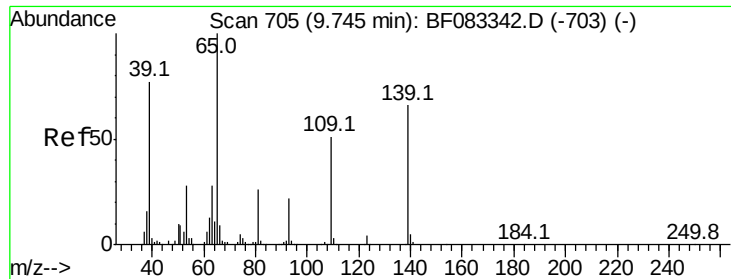
Mmdadoda
 12/1/2015 6:35:12 PM



#54
 Dibenzofuran
 Concen: 34.17 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1109556		
139	40.0	32.7	49.1	
169	14.1	11.1	16.7	





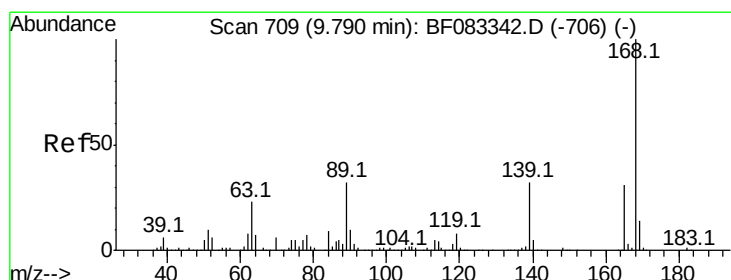
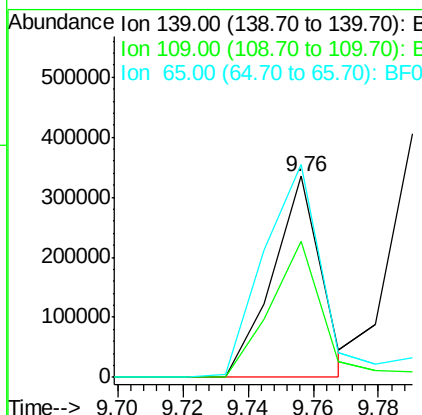
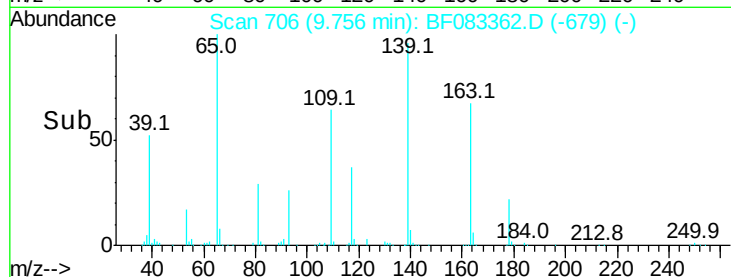
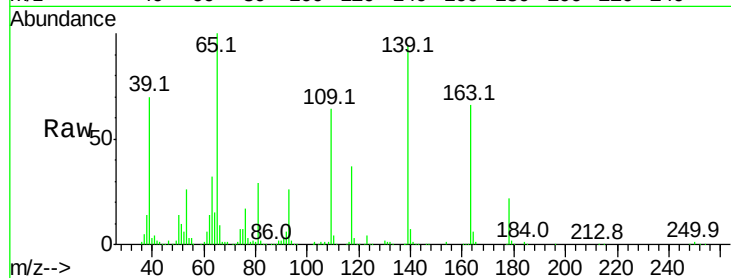
#55
4-Nitrophenol
Concen: 76.42 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampled :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.6	57.4	97.4	
65	106.1	131.6	171.6	

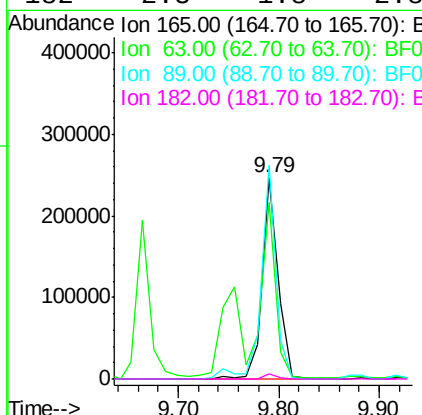
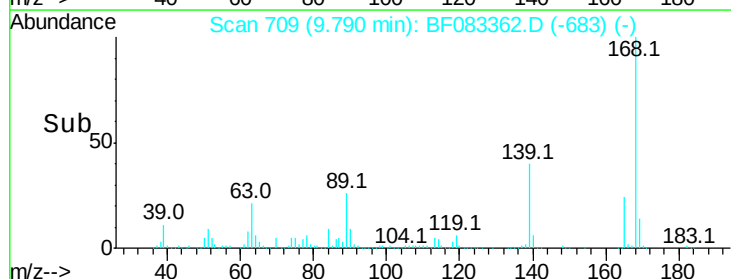
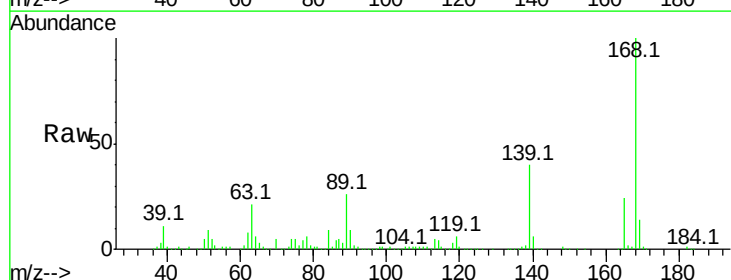
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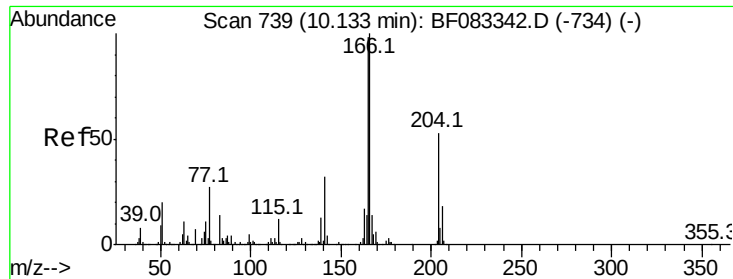
Mmdadoda
12/1/2015 6:35:12 PM



#56
2,4-Dinitrotoluene
Concen: 34.87 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.6	65.4	98.0	
89	106.1	81.2	121.8	
182	2.3	1.8	2.8	





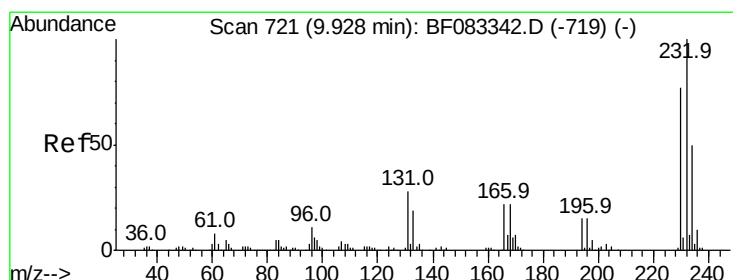
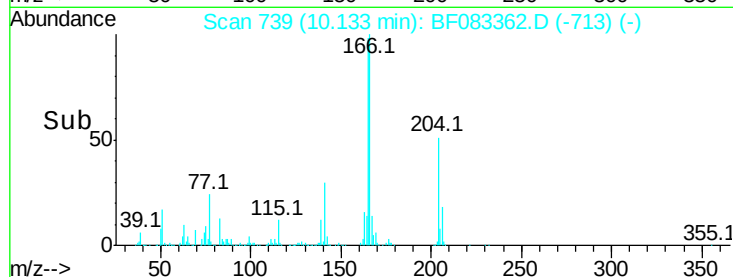
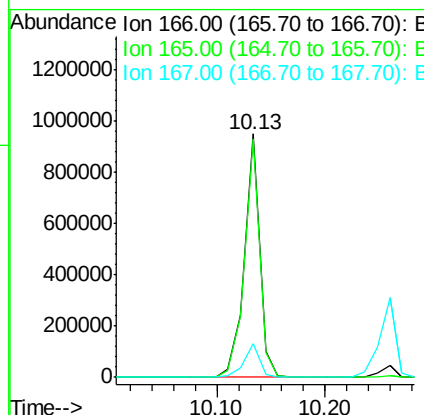
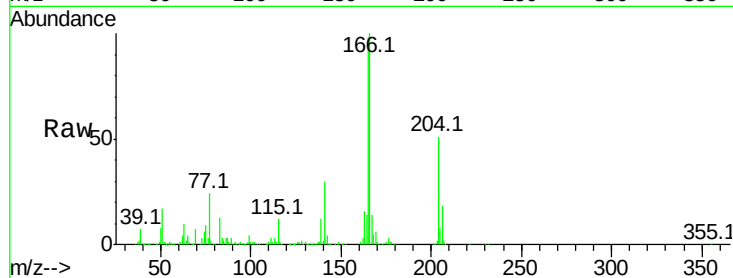
#57
 Fluorene
 Concen: 35.55 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	78.3	117.5	
167	14.1	11.1	16.7	

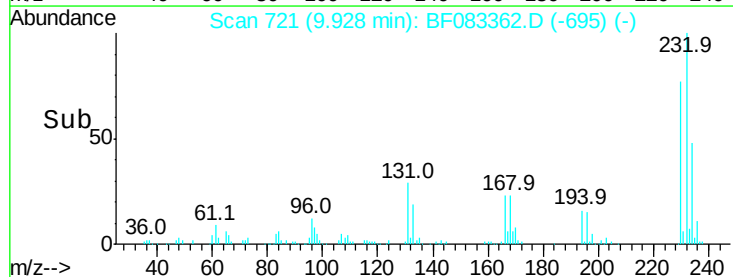
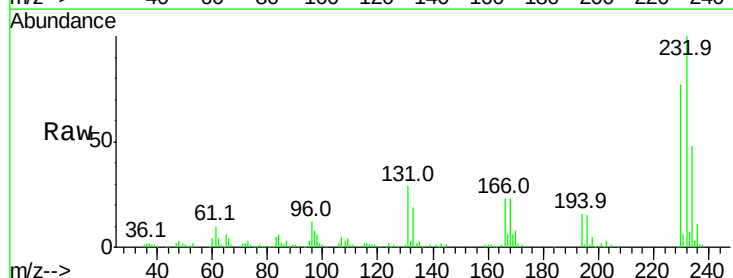
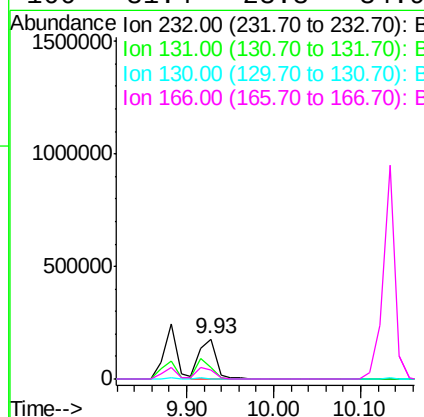
Manual Integrations
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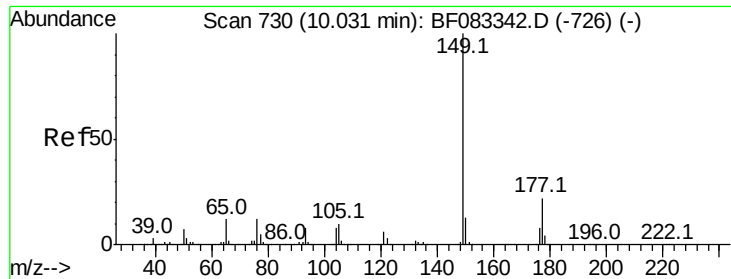
Mmdadoda
 12/1/2015 6:35:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.67 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.4	35.4	53.2	
130	2.1	1.7	2.5	
166	31.4	23.3	34.9	





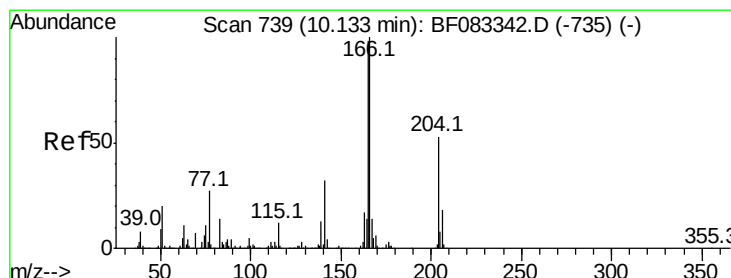
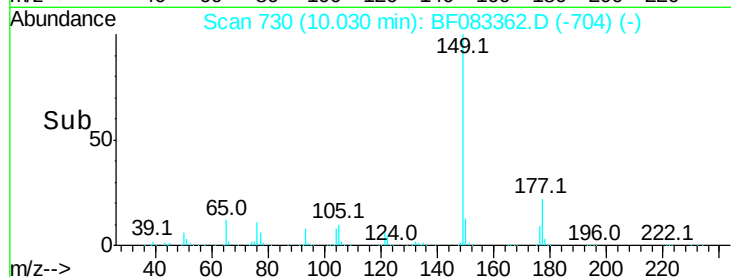
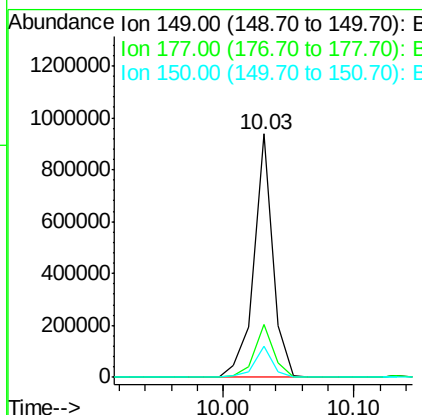
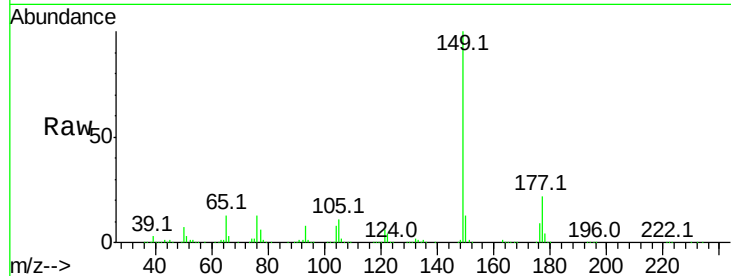
#59
Diethylphthalate
Concen: 34.64 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.6	10.4	15.6

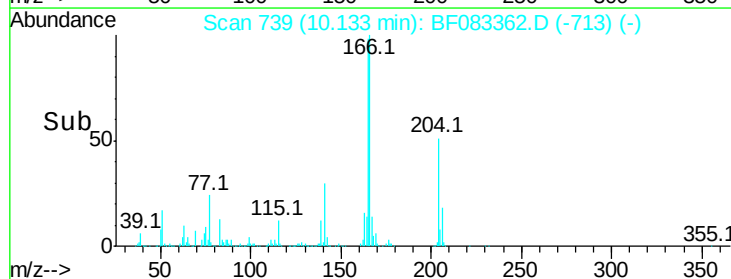
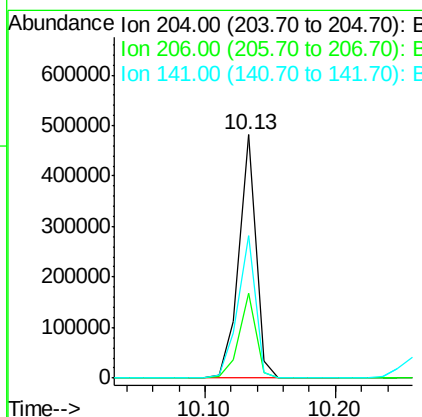
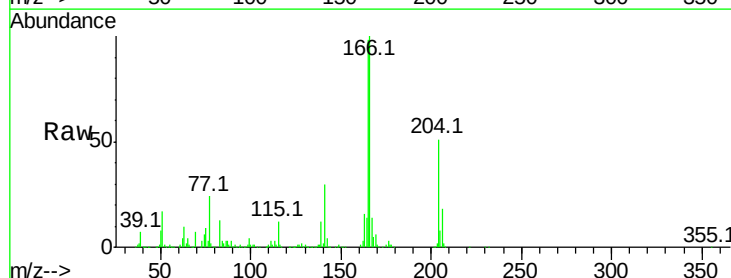
Manual Integrations
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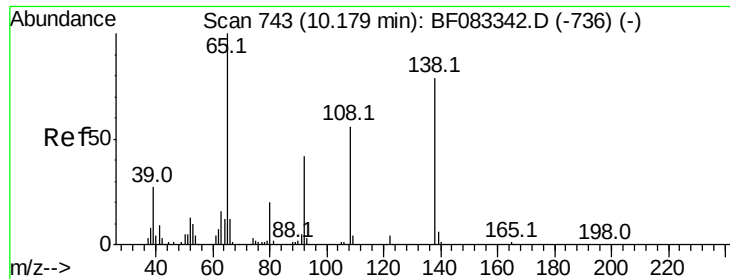
Mmdadoda
12/1/2015 6:35:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.07 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.8	27.5	41.3
141	58.7	48.1	72.1





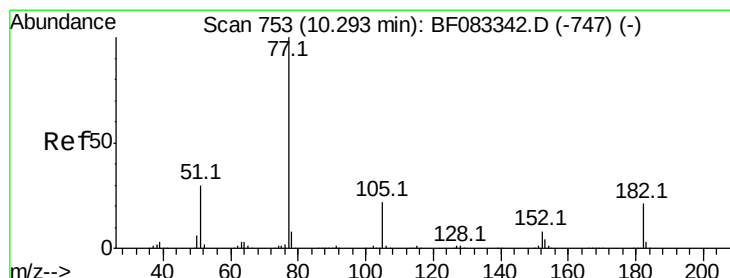
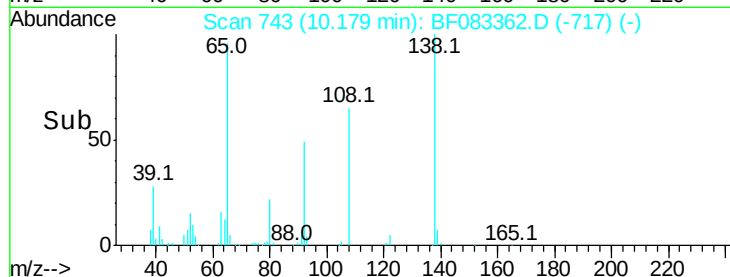
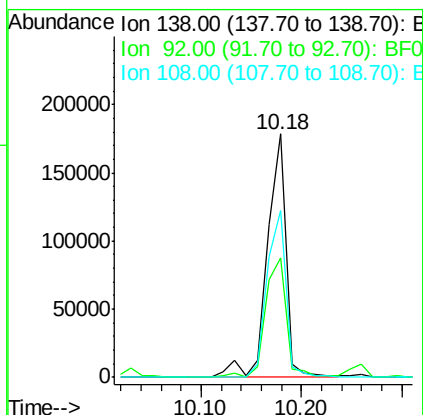
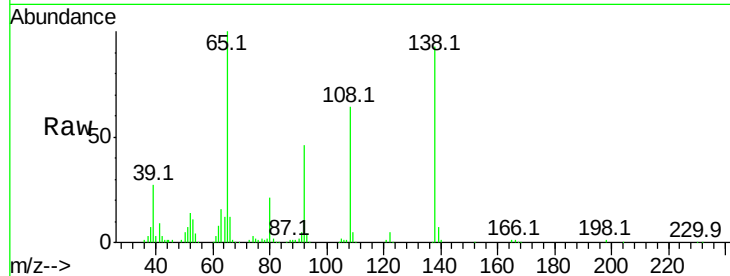
#61
4-Nitroaniline
Concen: 32.10 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	230895		
92	49.1	33.6	73.6	
108	68.5	51.0	91.0	

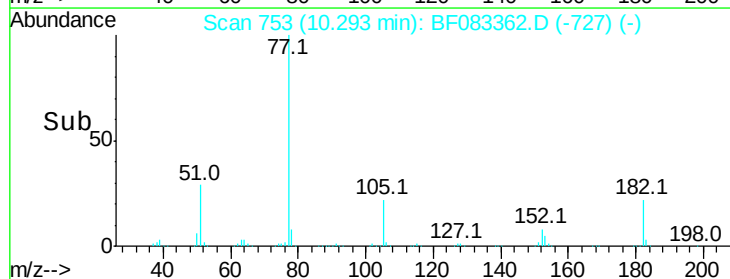
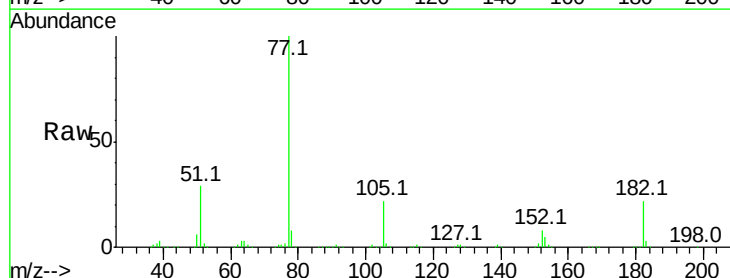
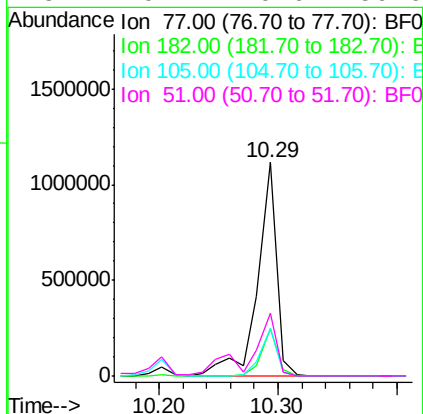
Manual Integrations
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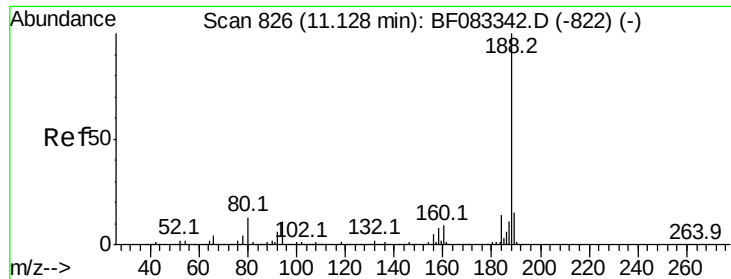
Mmdadoda
12/1/2015 6:35:12 PM



#62
Azobenzene
Concen: 37.98 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1256001		
182	22.2	0.8	40.8	
105	22.0	2.3	42.3	
51	29.2	10.6	50.6	





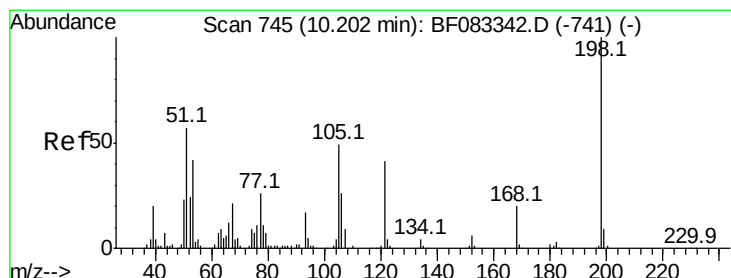
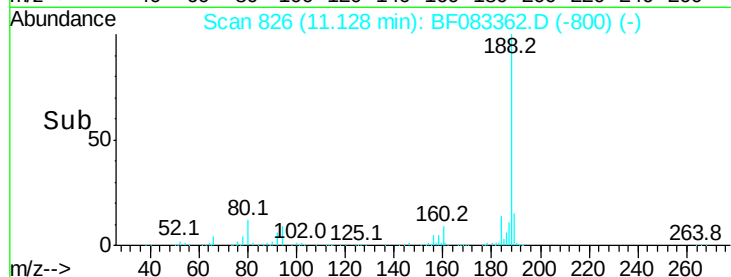
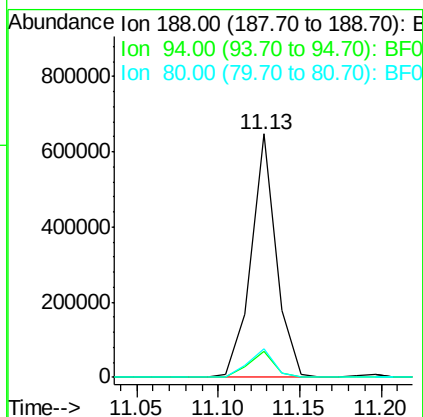
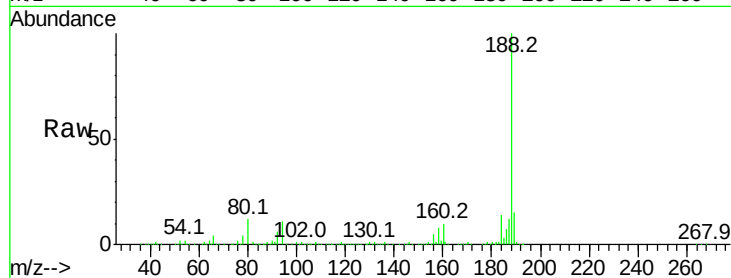
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	694375		
94	10.6		8.7	13.1
80	11.7		10.3	15.5

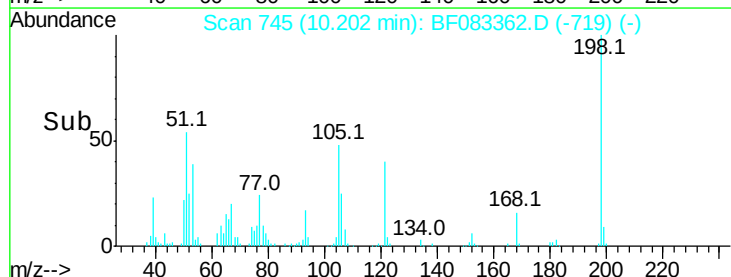
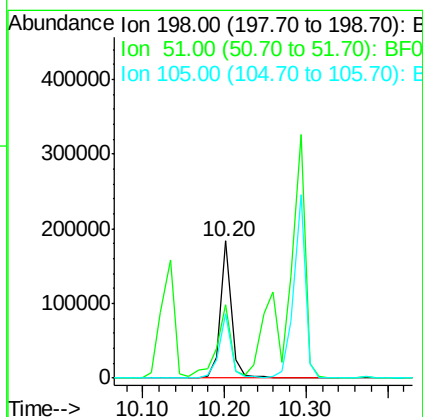
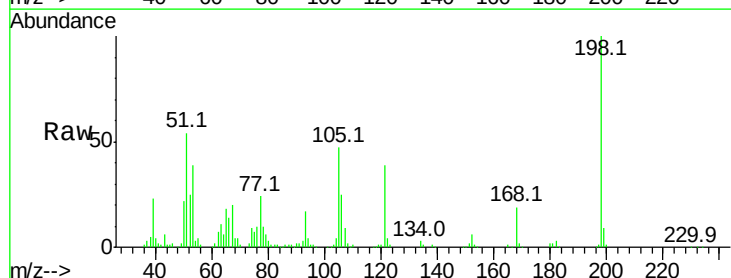
Manual Integrations
APPROVED

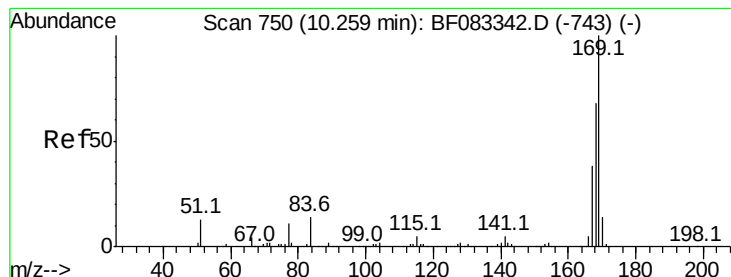
Mmdadoda
12/1/2015 6:35:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.73 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	171266		
51	53.9		38.3	78.3
105	47.4		29.2	69.2





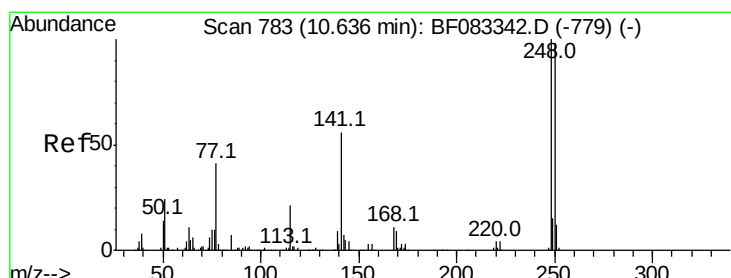
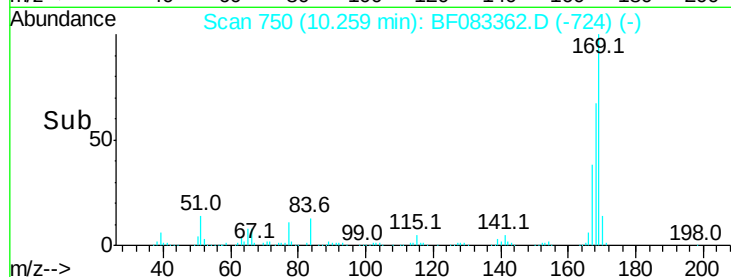
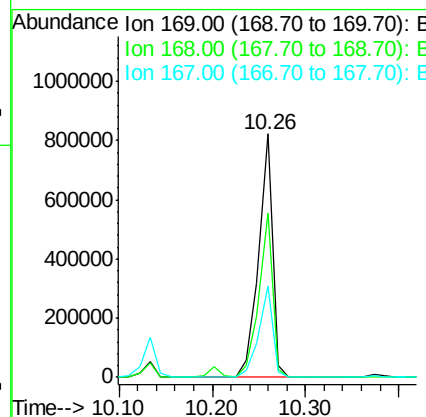
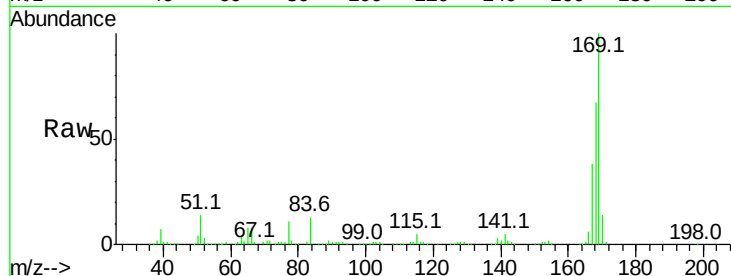
#65
n-Nitrosodiphenylamine
Concen: 35.07 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampled :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	855834		
168	67.5		54.8	82.2
167	37.7		30.2	45.2

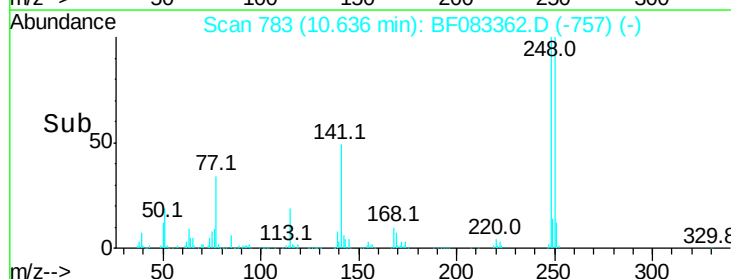
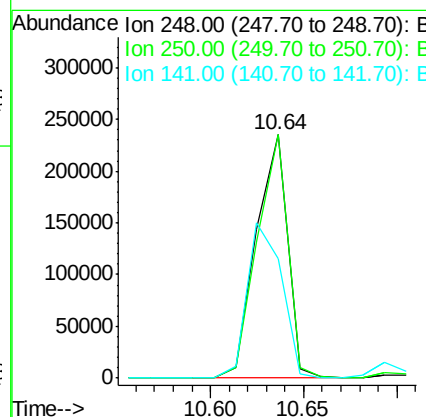
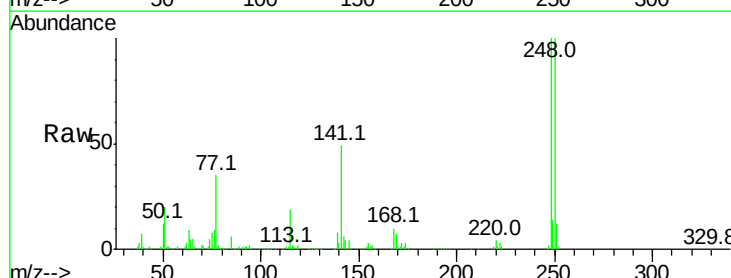
Manual Integrations
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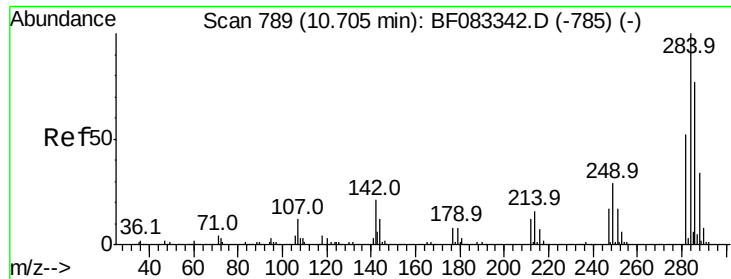
Mmdadoda
12/1/2015 6:35:12 PM



#66
4-Bromophenyl-phenylether
Concen: 36.15 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	274614		
250	100.2		78.6	118.0
141	49.2		44.4	66.6





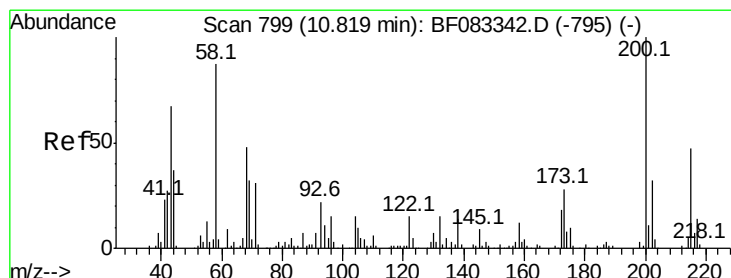
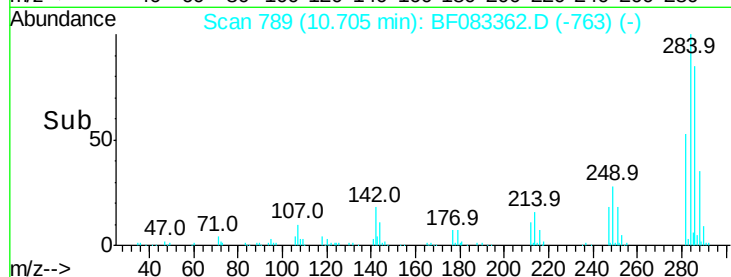
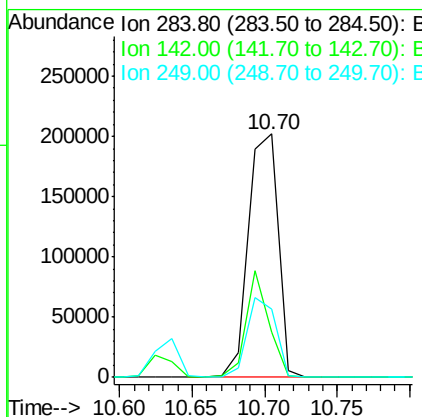
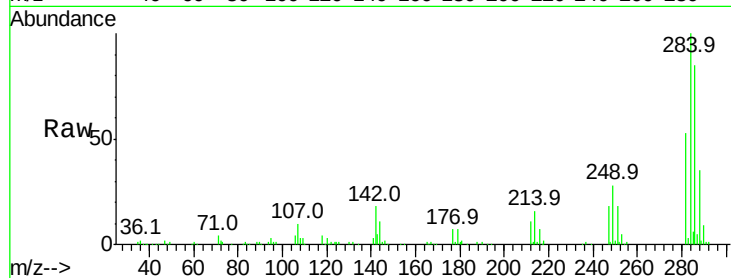
#67
Hexachlorobenzene
Concen: 34.30 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampled :
PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	288066		
142	18.4	16.6	24.8	
249	28.0	23.0	34.4	

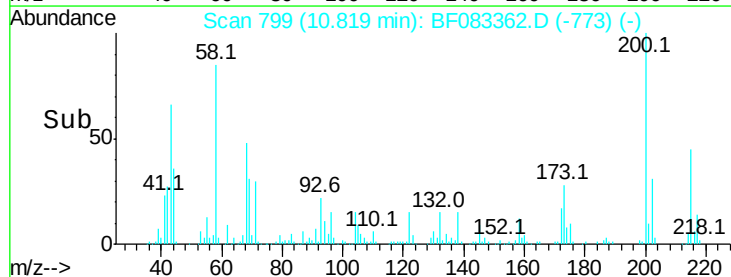
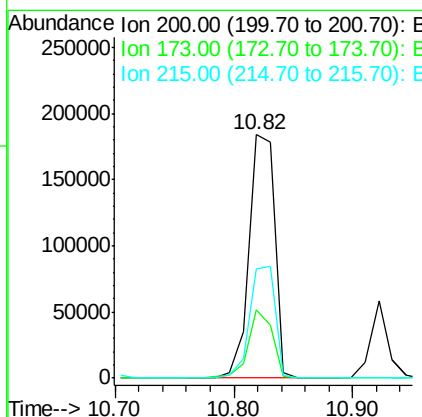
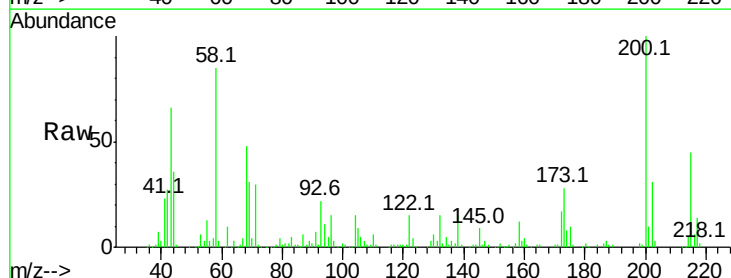
Manual Integrations
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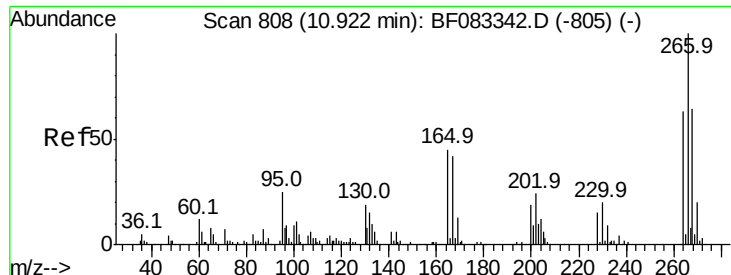
Mmdadoda
12/1/2015 6:35:12 PM



#68
Atrazine
Concen: 41.40 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	279407		
173	28.2	8.3	48.3	
215	44.7	26.7	66.7	





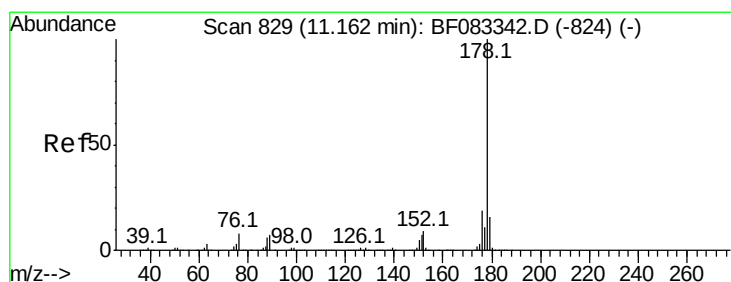
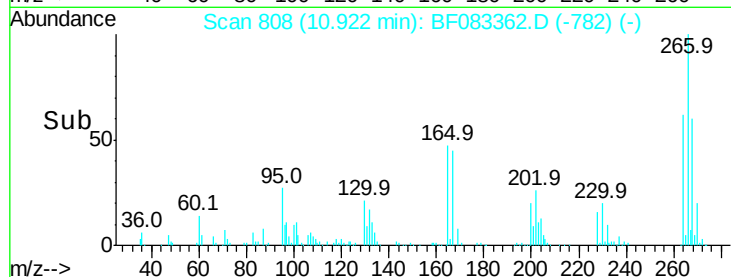
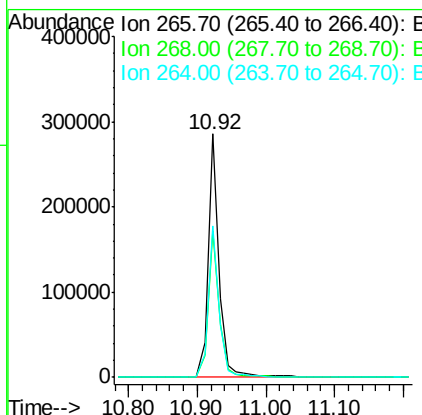
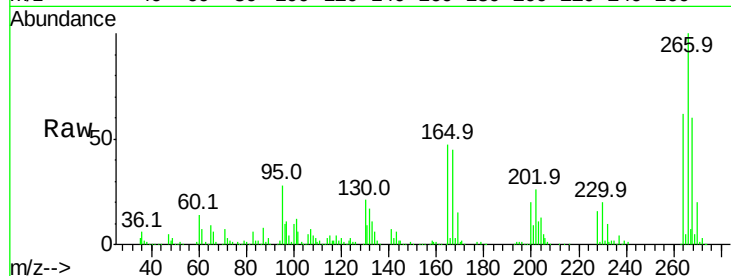
#69
 Pentachlorophenol
 Concen: 71.94 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	316484		
268	60.3		51.5	77.3
264	62.0		50.4	75.6

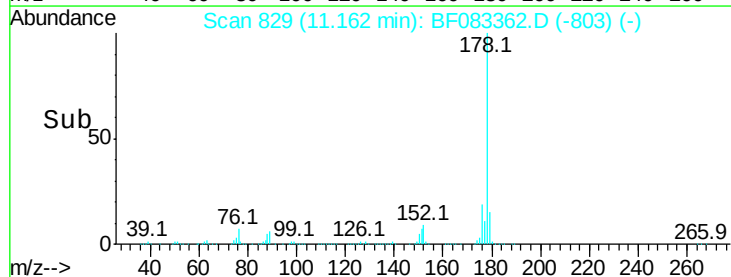
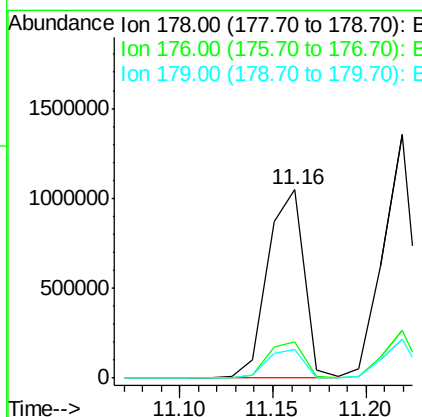
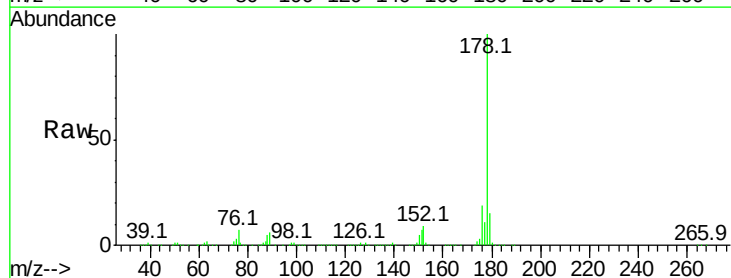
Manual Integrations
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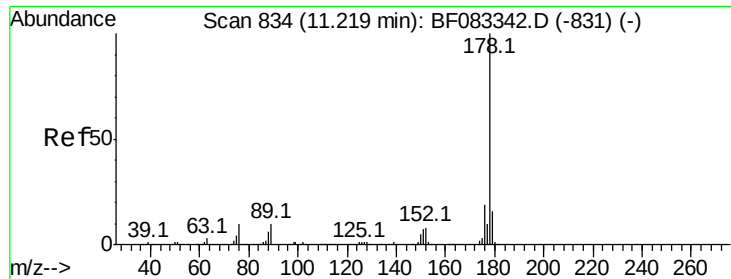
Mmdadoda
 12/1/2015 6:35:12 PM



#70
 Phenanthrene
 Concen: 34.77 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1428723		
176	19.2		15.3	22.9
179	15.4		12.4	18.6





#71
 Anthracene
 Concen: 36.11 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

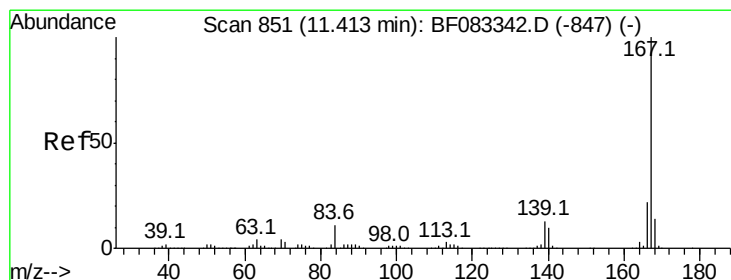
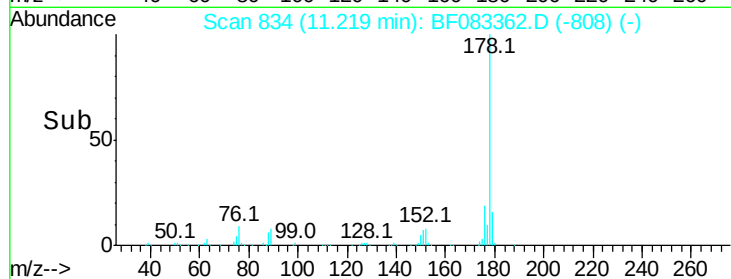
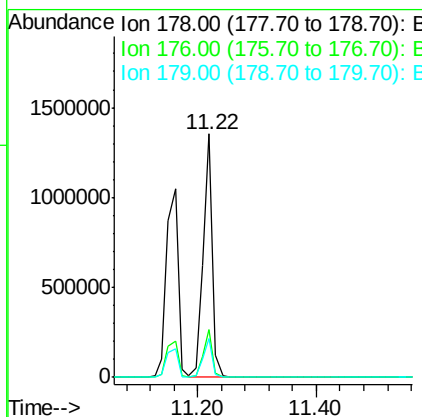
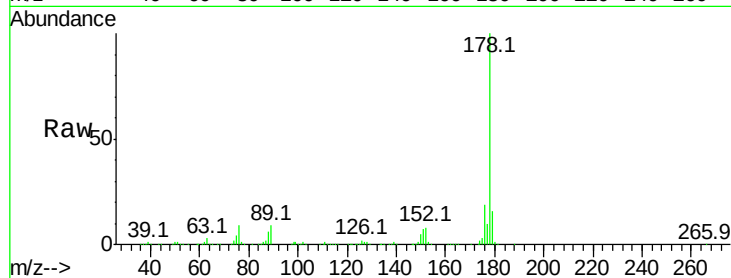
Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion:178 Resp: 1494003

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.9	12.8	19.2

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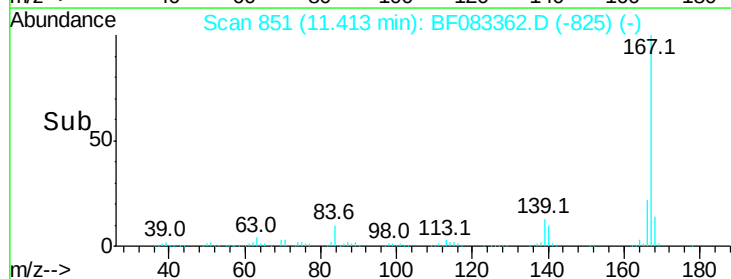
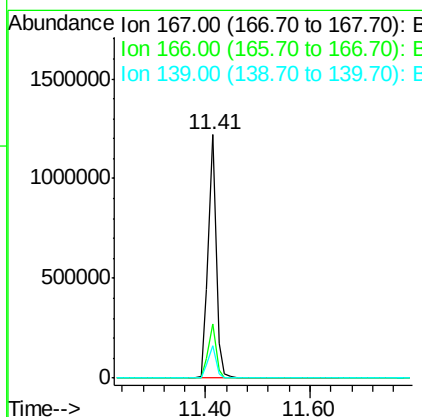
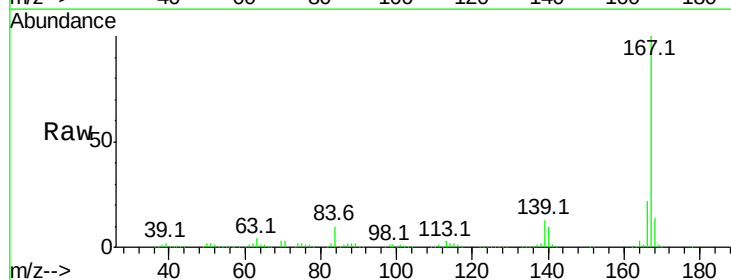
Mmdadoda
 12/1/2015 6:35:12 PM

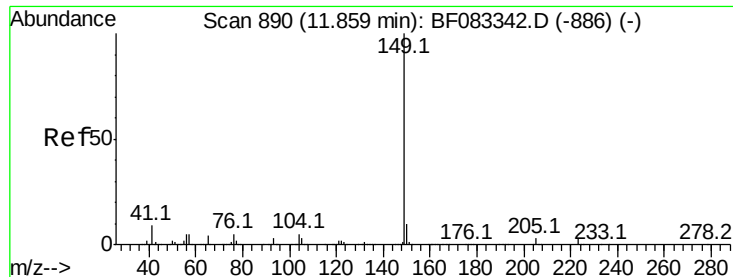


#72
 Carbazole
 Concen: 35.03 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:167 Resp: 1301941

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.3	10.5	15.7





#73

Di-n-butylphthalate

Concen: 36.69 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tot Ion:149 Resp: 1616113

Ion Ratio Lower Upper

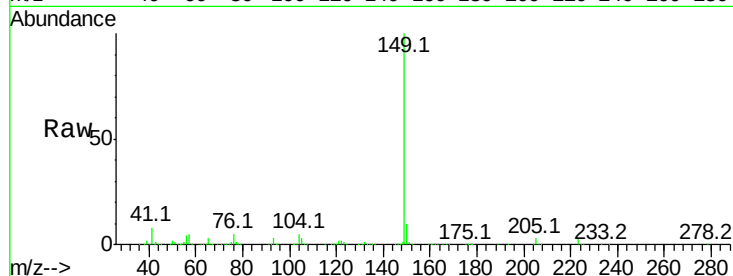
149 100

150 9.6 7.7 11.5

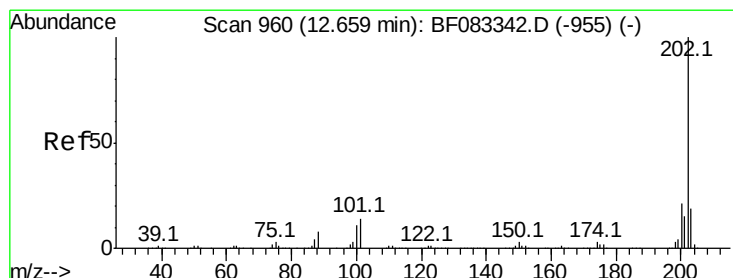
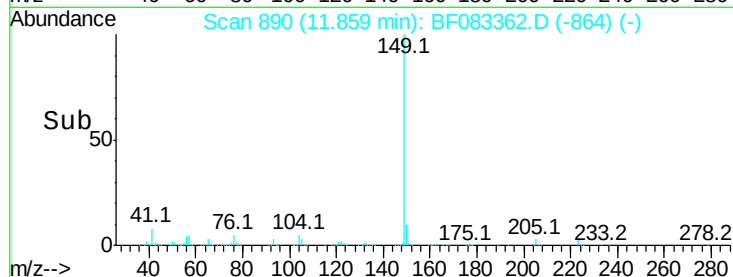
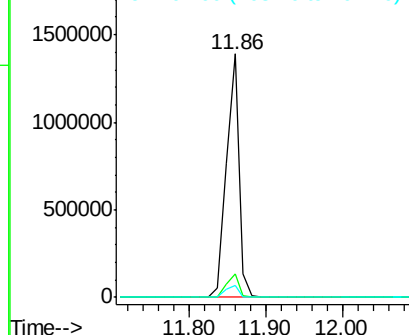
104 4.8 4.0 6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.65 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

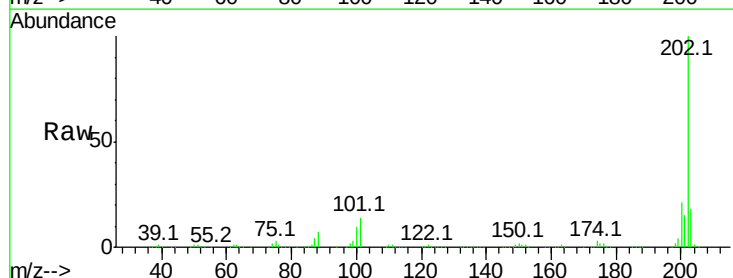
Tgt Ion:202 Resp: 1475867

Ion Ratio Lower Upper

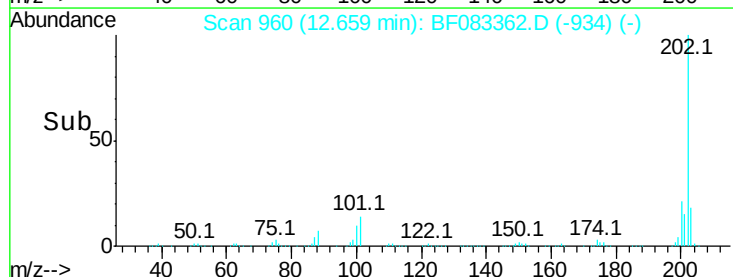
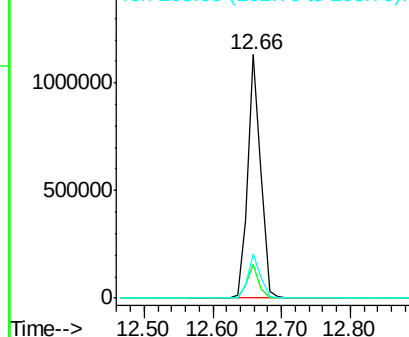
202 100

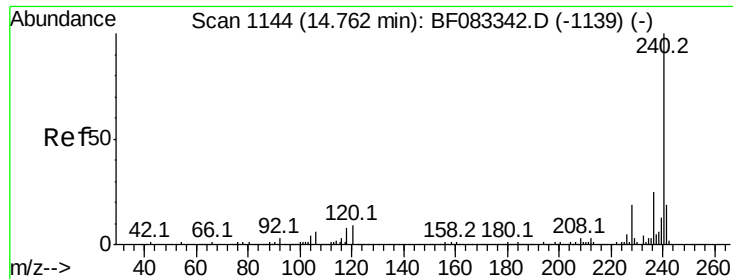
101 13.7 0.0 34.5

203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





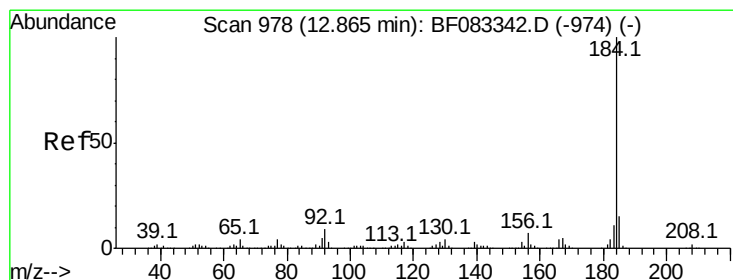
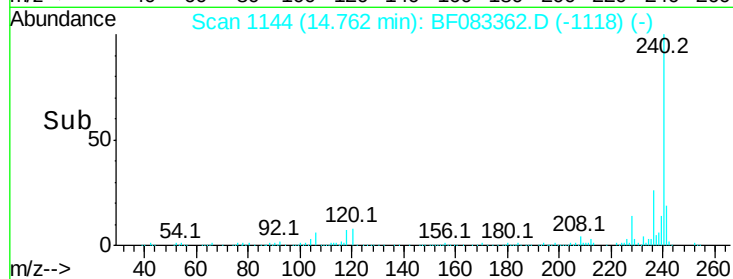
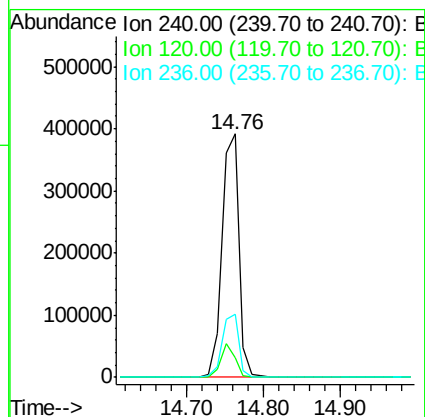
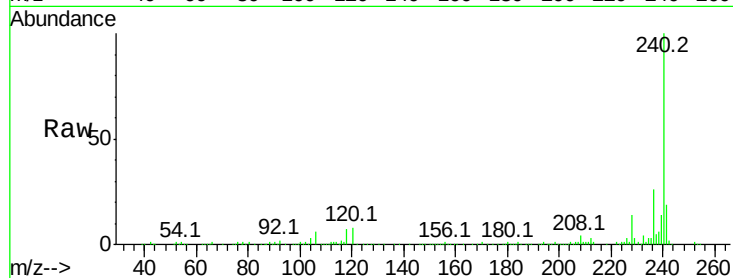
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampled :
 PB86923BS

Tot Ion:	240	Resp:	609096
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.9	10.3
236	25.7	19.8	29.6

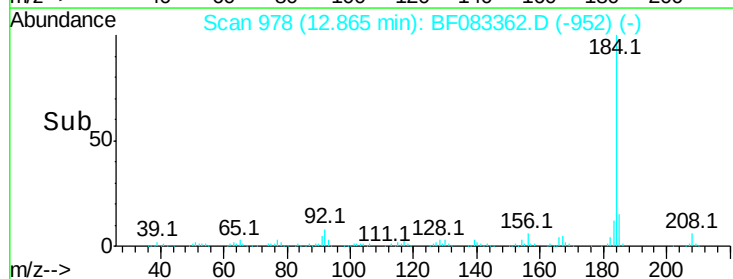
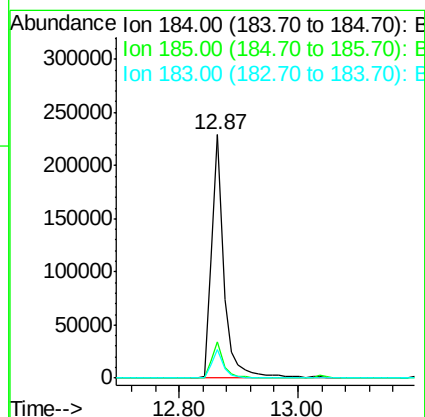
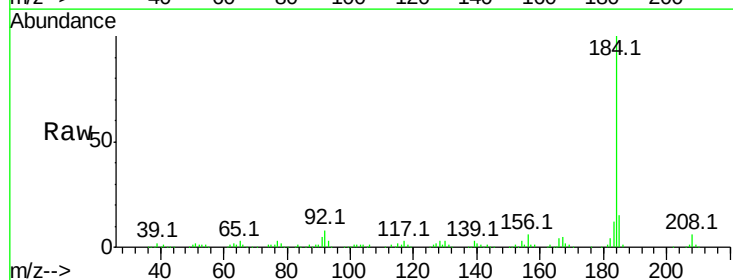
Manual Integrations
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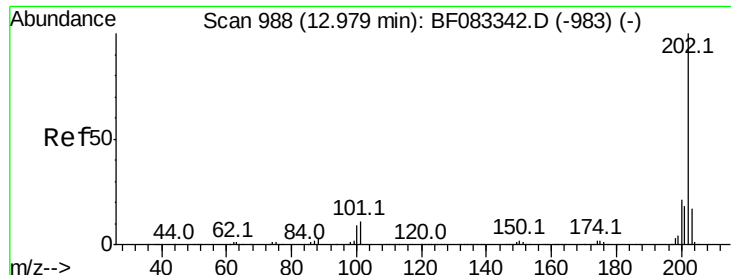
Mmdadoda
 12/1/2015 6:35:12 PM



#76
 Benzidine
 Concen: 18.43 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion:	184	Resp:	334326
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	11.7	9.0	13.4





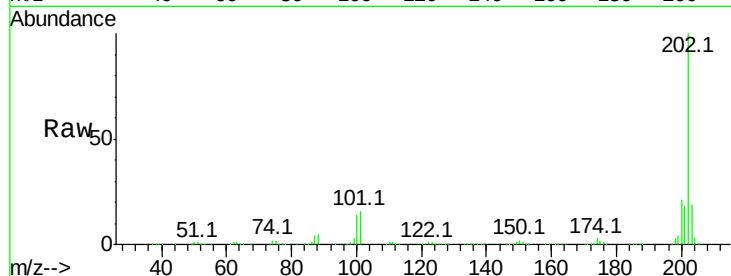
#77
Pvrene
Concen: 35.98 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Instrument :
BNA_F
ClientSampleId :
PB86923BS

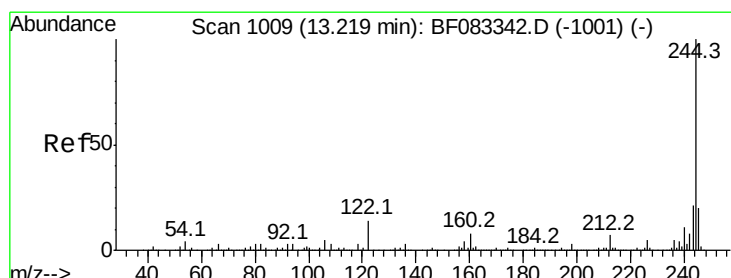
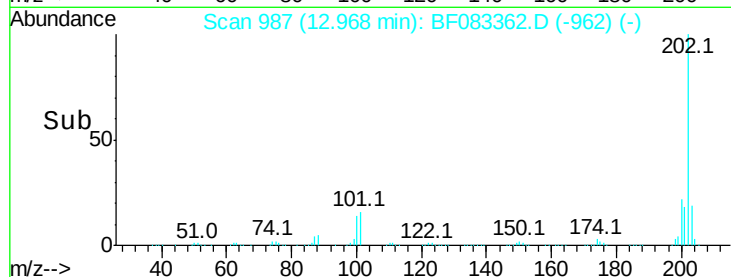
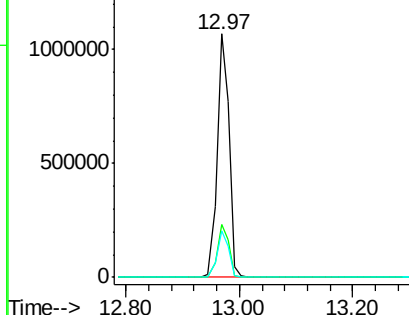
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.8	13.9	20.9

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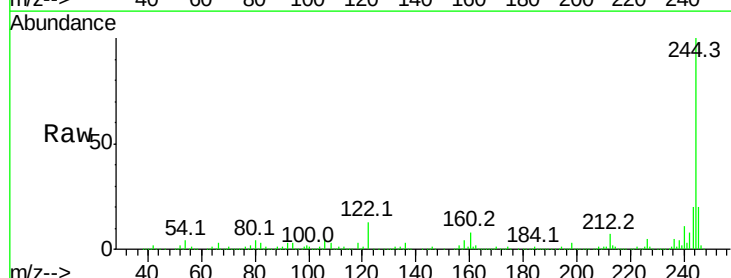


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

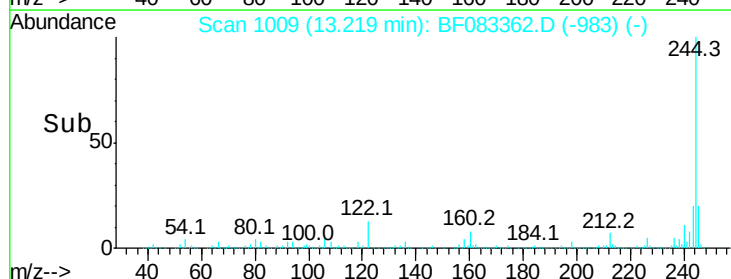
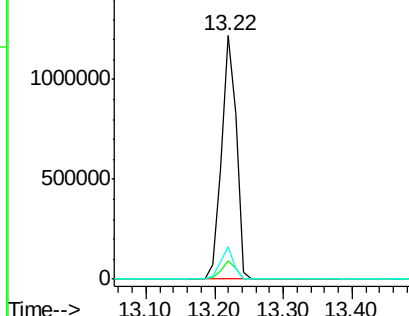


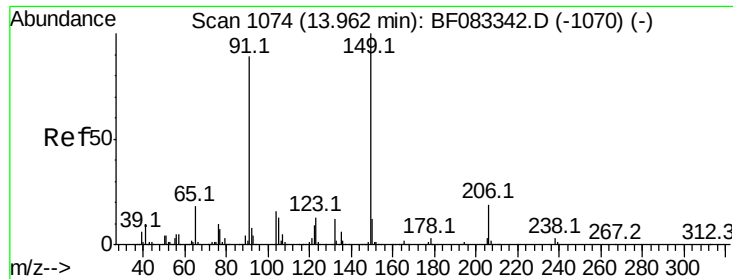
#78
Terphenyl-d14
Concen: 72.94 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083362.D
Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.4	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

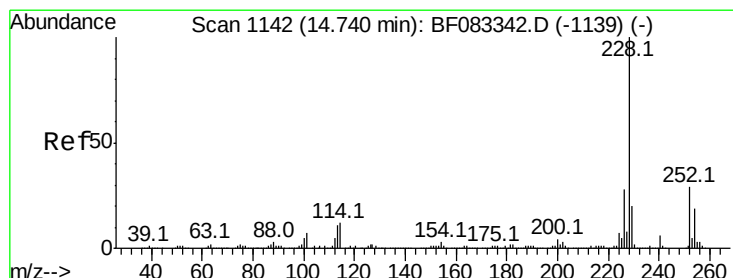
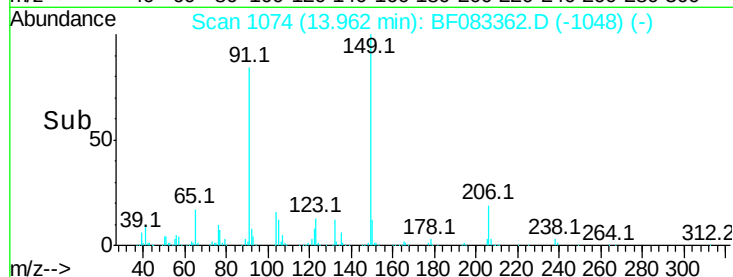
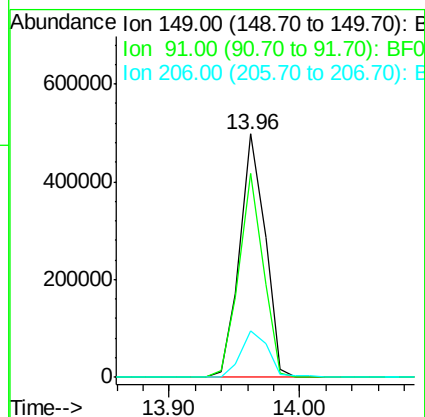
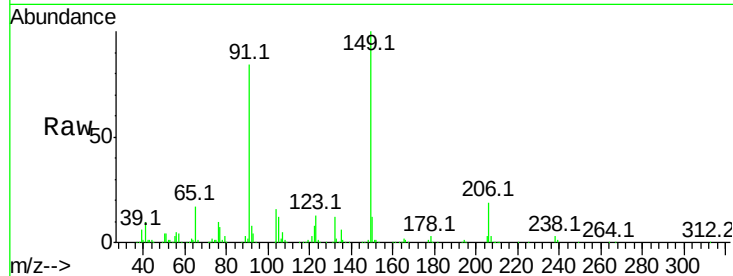
ClientSampleId :

PB86923BS

Tot Ion:	149	Resp:	674446
Ion Ratio	Lower	Upper	
149	100		
91	84.0	71.4	107.2
206	19.0	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 35.90 ng

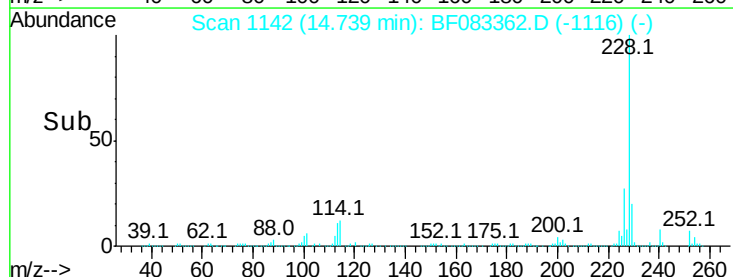
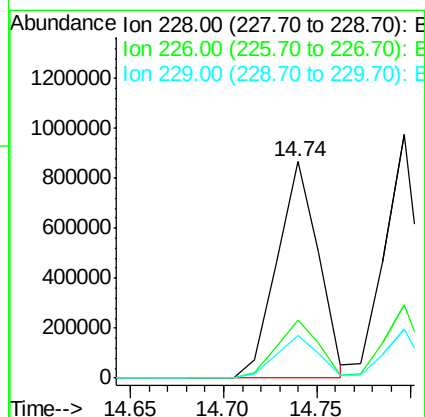
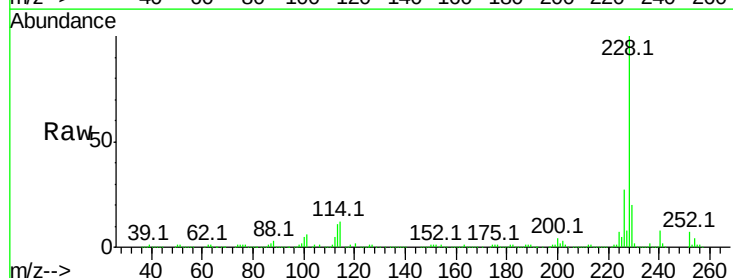
RT: 14.74 min Scan# 1142

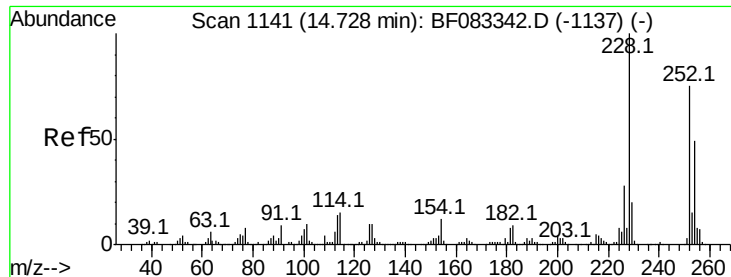
Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	228	Resp:	1339738
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.2	33.4
229	19.8	16.1	24.1





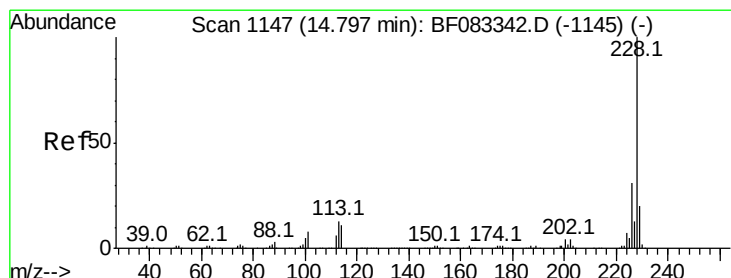
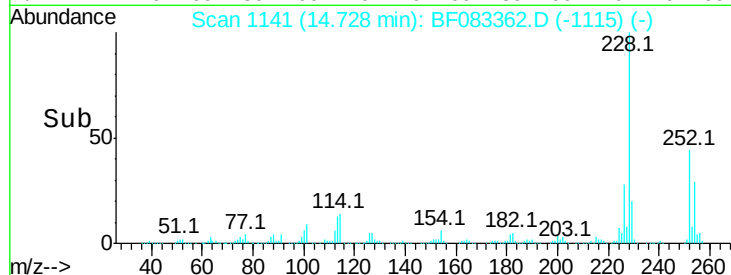
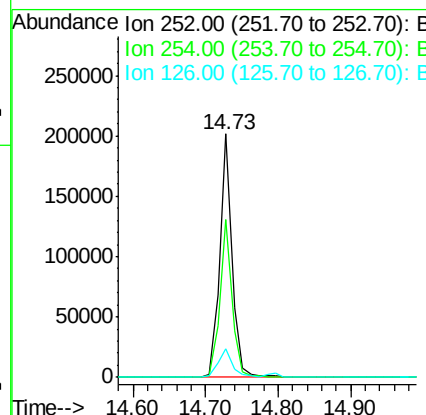
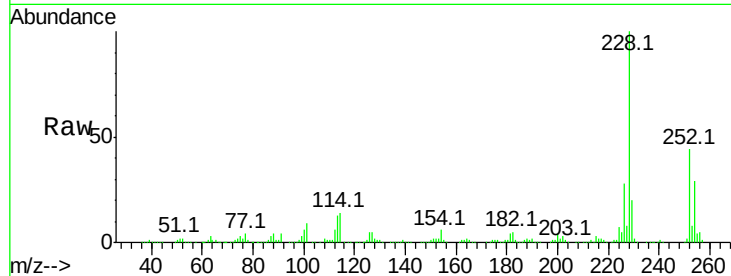
#81
 3,3'-Dichlorobenzidine
 Concen: 20.36 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampled :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	237299		
254	65.0	52.0	78.0	
126	11.5	10.7	16.1	

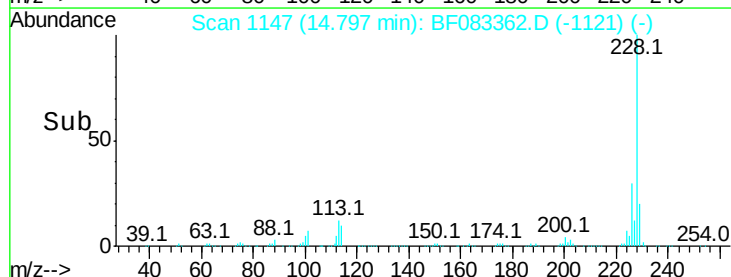
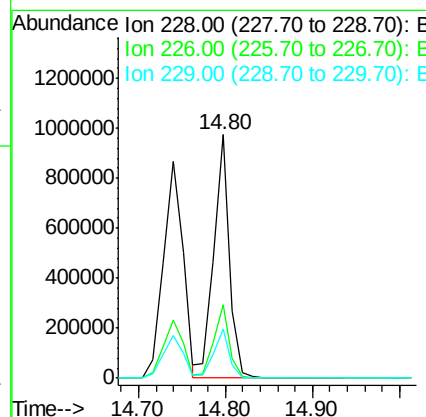
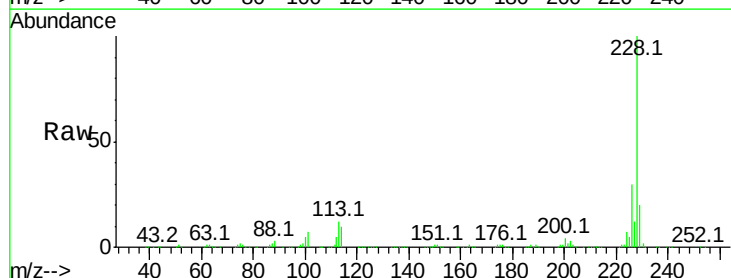
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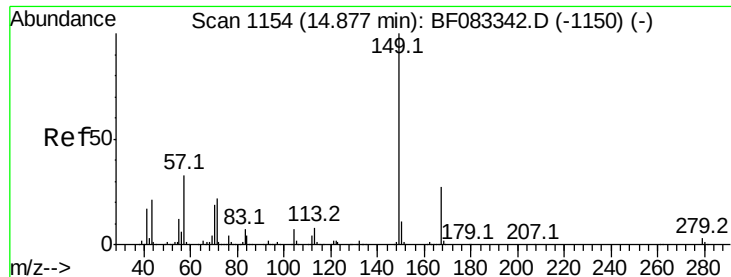
Mmdadoda
 12/1/2015 6:35:12 PM



#82
 Chrysene
 Concen: 34.28 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1235815		
226	30.3	24.6	37.0	
229	19.9	16.2	24.2	





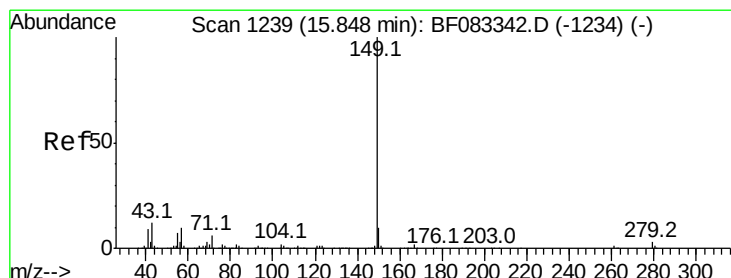
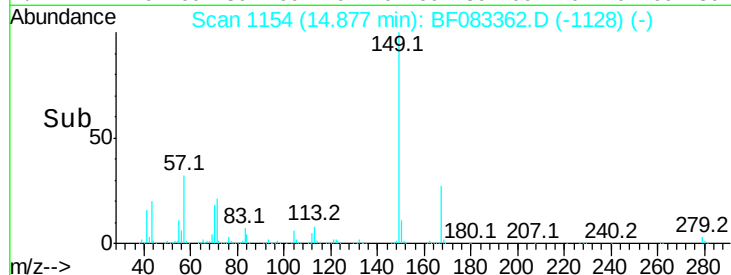
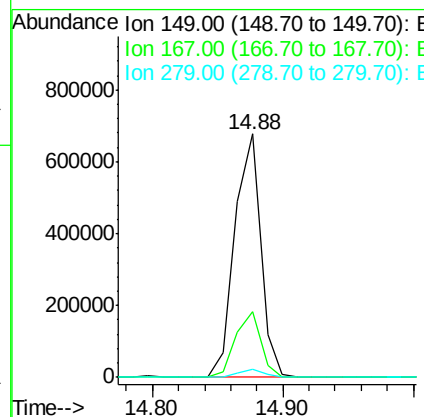
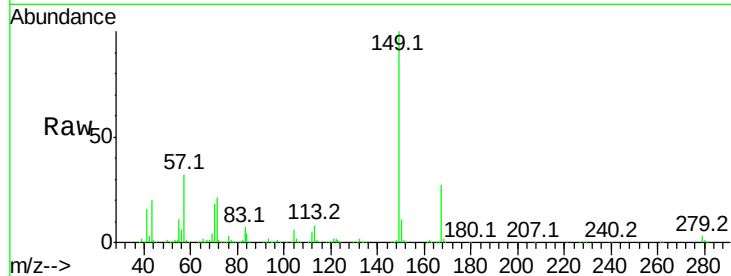
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.62 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	21.5	32.3	
279	3.2	2.6	3.8	

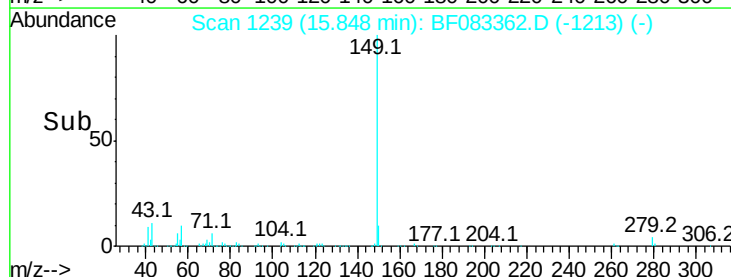
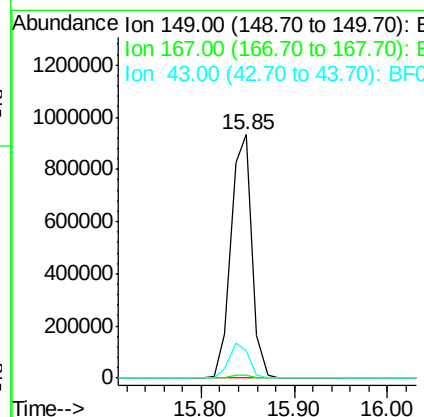
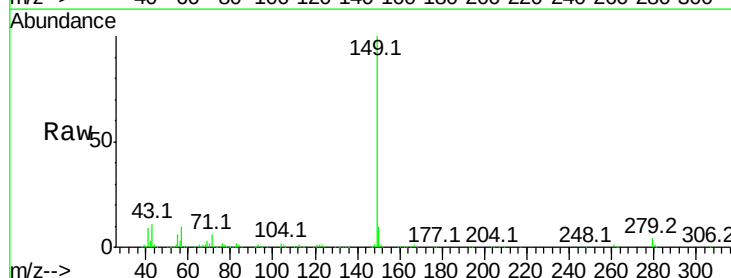
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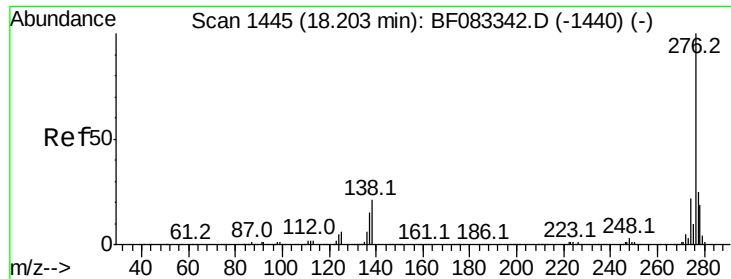
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 12/1/2015 6:35:12 PM



#84
 Di-n-octyl phthalate
 Concen: 40.19 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	13.8	11.0	16.6	





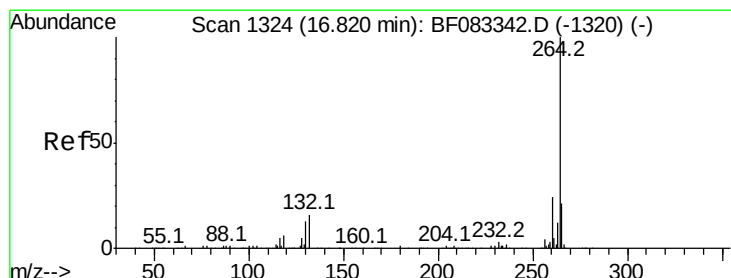
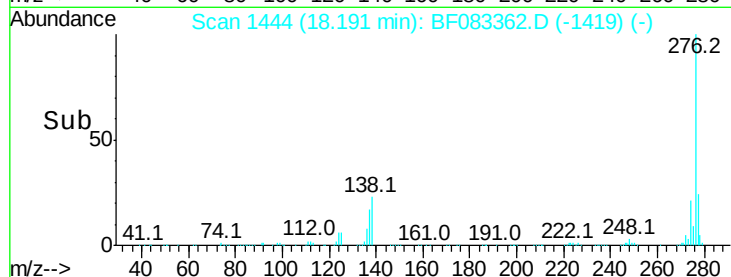
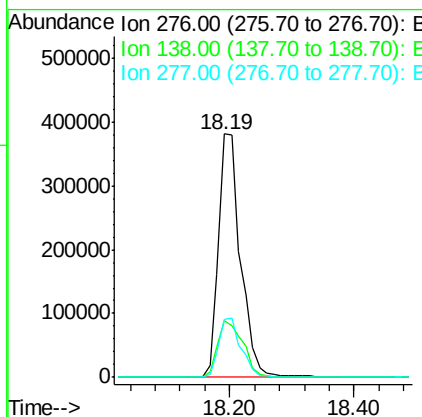
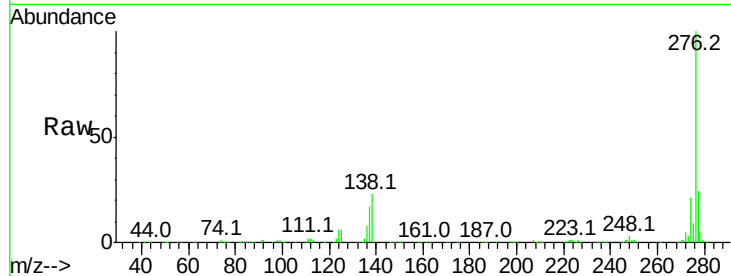
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.54 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	933225		
138	26.9		21.2	31.8
277	24.9		20.0	30.0

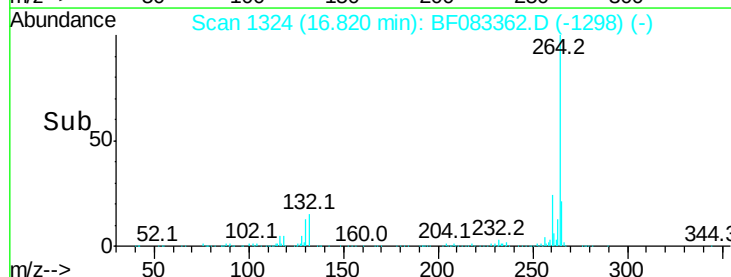
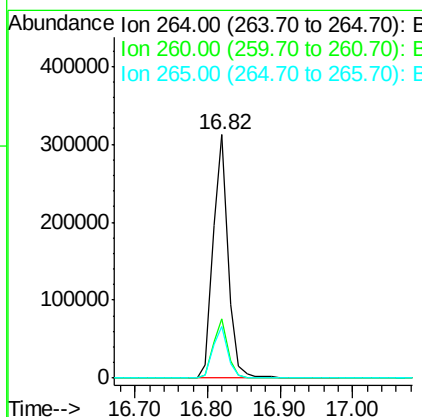
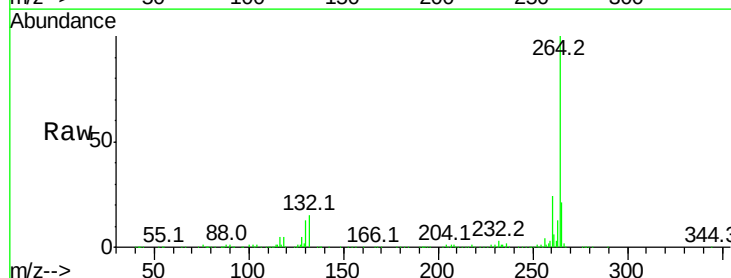
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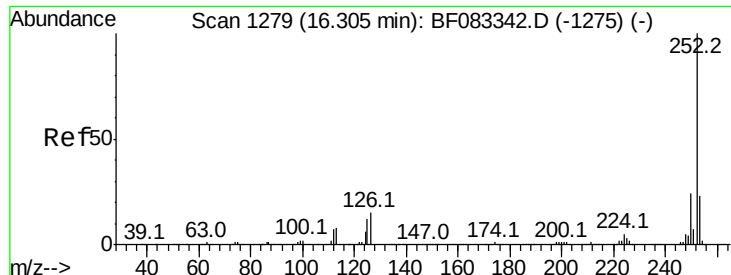
Mmdadoda
 12/1/2015 6:35:12 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	445791		
260	24.4		19.0	28.4
265	21.4		16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 37.73 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

ClientSampleId :

PB86923BS

Tot Ion:252 Resp: 1079164

Ion Ratio Lower Upper

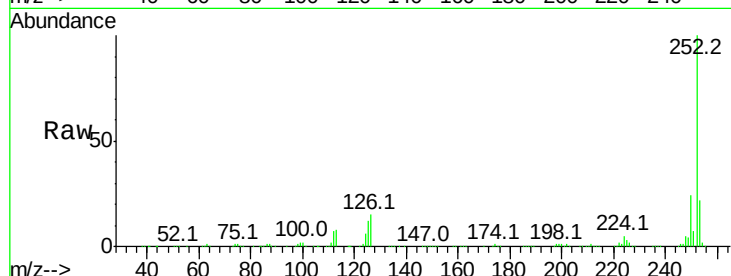
252 100

253 22.2 18.4 27.6

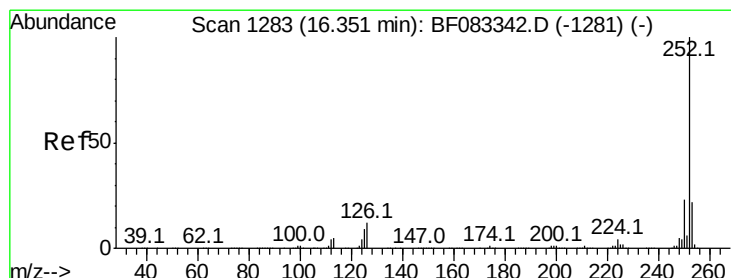
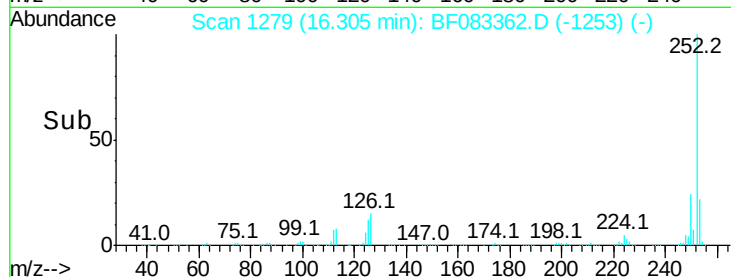
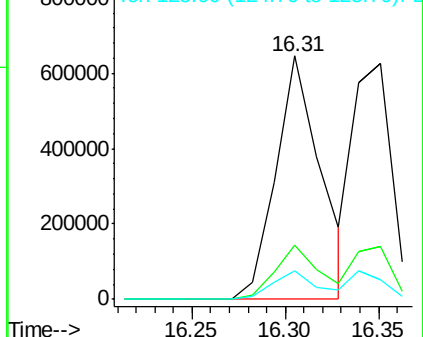
125 11.7 9.6 14.4

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12/1/2015 6:35:12 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: 34.24 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:252 Resp: 924756

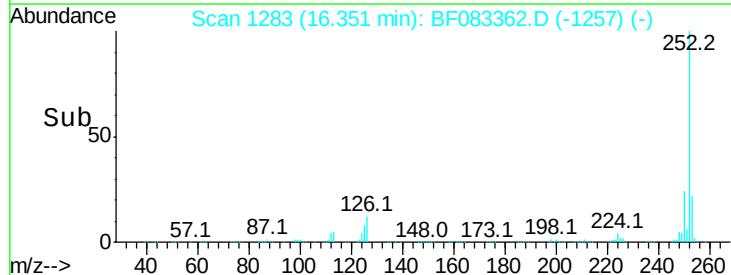
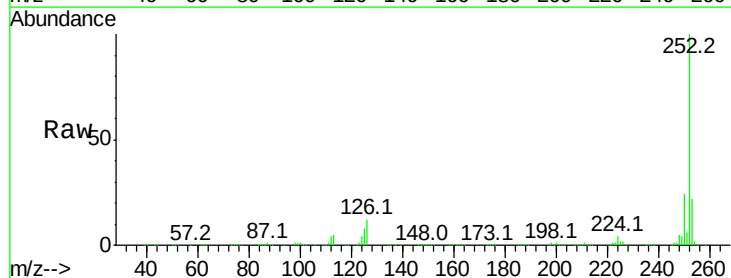
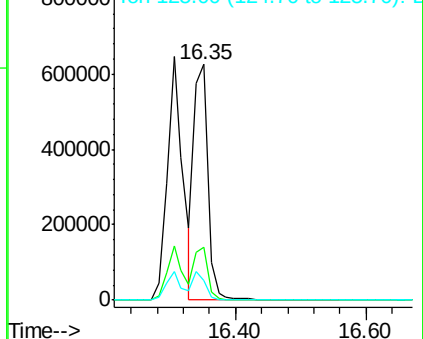
Ion Ratio Lower Upper

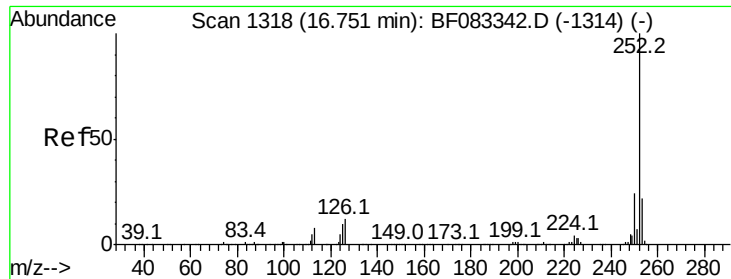
252 100

253 22.4 17.4 26.0

125 8.2 7.5 11.3

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: 37.78 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Instrument :

BNA_F

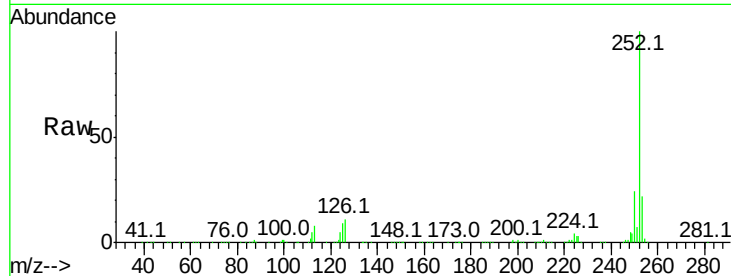
ClientSampleId :

PB86923BS

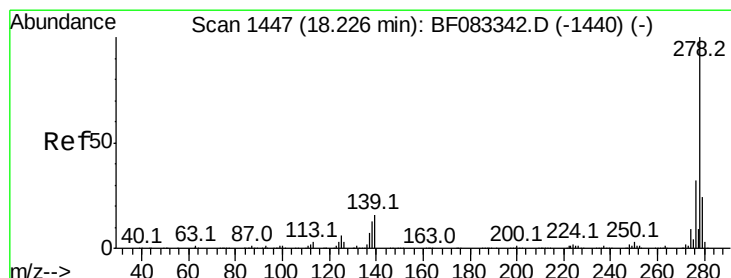
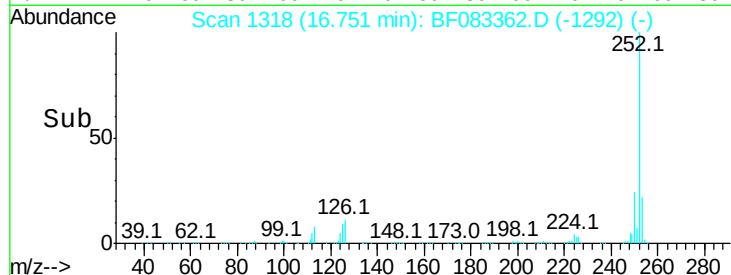
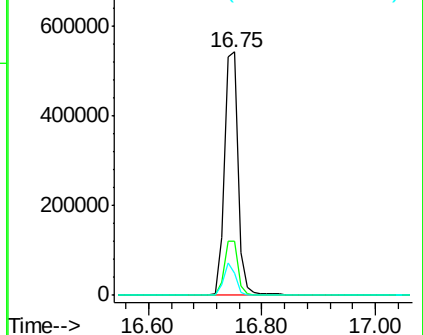
Tot Ion:	252	Resp:	928146
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	9.4	7.8	11.8

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



#90

Dibenzo(a,h)anthracene

Concen: 37.17 ng

RT: 18.23 min Scan# 1447

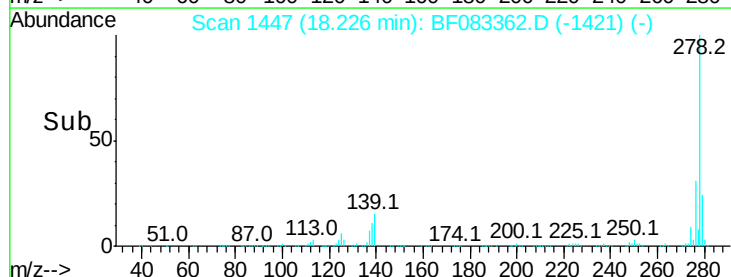
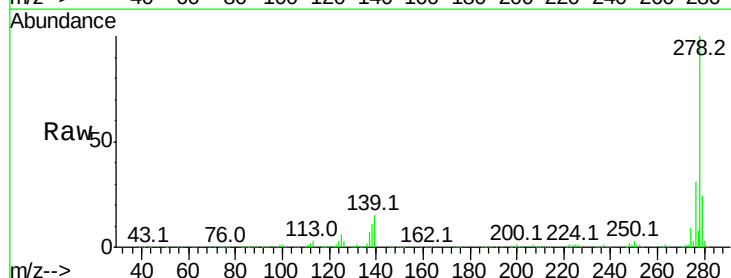
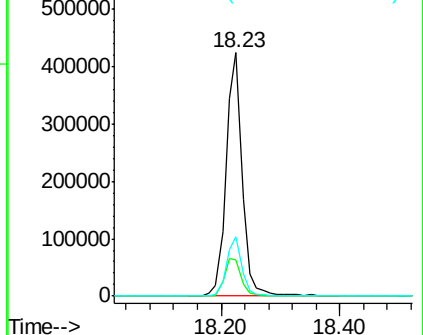
Delta R.T. -0.00 min

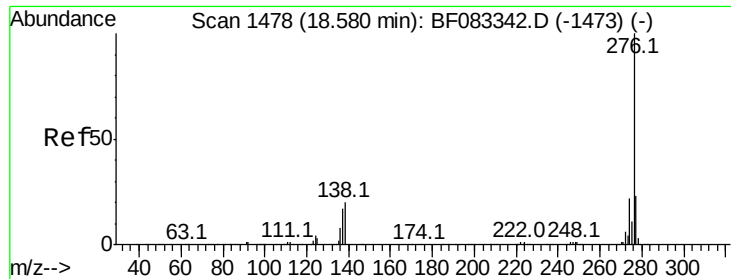
Lab File: BF083362.D

Acq: 1 Dec 2015 5:15

Tgt Ion:	278	Resp:	795718
Ion Ratio	Lower	Upper	
278	100		
139	14.9	13.1	19.7
279	24.2	19.2	28.8

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





#91
 Benzo(a,h,i)perylene
 Concen: 36.74 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083362.D
 Acq: 1 Dec 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 PB86923BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.6	18.6	28.0
138	24.6	16.1	24.1

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 12/1/2015 6:35:12 PM

